Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO052019\
Data File : PO056385.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2019 18:26
Operator : SM/SJ
Sample : K2241-07
Misc : AR1660 LOD 40PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId : LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:54:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052019.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 21 03:48:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.266	3.575	469428	427859	16.299	15.865	
2)	SA Decachlor...	9.856	8.520	875772	711408	17.163	16.194	
	Target Compounds							
3)	L1 AR-1016-1	5.428	4.646	73072	58695	47.377	43.359	
4)	L1 AR-1016-2	5.428	4.663	73072	79224	33.824	42.271	
5)	L1 AR-1016-3	5.511	4.838	63751	44939	45.800	42.140	
6)	L1 AR-1016-4	5.610	4.879	53829	33931	46.837	39.218	
7)	L1 AR-1016-5	5.901	5.090	44611	46313	36.509	39.998	
12)	L3 AR-1232-2	5.162	4.663	45376	79224	68.608	63.816	
13)	L3 AR-1232-3	5.450	4.838	97706	44939	68.735	63.264	
14)	L3 AR-1232-4	5.610	4.919	53829	37185	71.895	60.059	
15)	L3 AR-1232-5	5.698	5.090	45455	46313	76.965	65.054	
16)	L4 AR-1242-1	5.428	4.646	73072	58695	62.400	56.290	
17)	L4 AR-1242-2	5.450	4.663	97706	79224	59.828	55.783	
18)	L4 AR-1242-3	5.511	4.838	63751	44939	59.329	54.298	
19)	L4 AR-1242-4	5.610	4.919	53829	37185	60.574	46.317	
20)	L4 AR-1242-5	6.275	5.438	42129	49091	36.981	44.339	
21)	L5 AR-1248-1	5.428	4.646	73072	58695	80.704	73.261	
22)	L5 AR-1248-2	5.698	4.879	45455	33931	34.510	31.382	
23)	L5 AR-1248-3	5.901	4.919	44611	37185	29.994	33.039	
24)	L5 AR-1248-4	6.275	5.090	42129	46313	23.103	32.531	#
25)	L5 AR-1248-5	6.275	5.438	42129	49091	23.995	32.057	#
26)	L6 AR-1254-1	6.275	5.438	42129	49091	18.012	16.317	
27)	L6 AR-1254-2	6.492	5.585	50637	38606	13.534	14.300	
28)	L6 AR-1254-3	6.868	5.999	53246	71468	12.715	15.497	
30)	L6 AR-1254-5	7.558	6.625	142884	153315	40.401	35.465	
31)	L7 AR-1260-1	7.019	6.114	127023	116780	51.226	47.616	
32)	L7 AR-1260-2	7.275	6.300	153913	173981	50.018	54.740	
33)	L7 AR-1260-3	7.632	6.453	101374	134473	42.084	46.711	
34)	L7 AR-1260-4	7.857	6.920	123489	105969	44.637	42.467	
35)	L7 AR-1260-5	8.165	7.162	229008	254436	42.468	41.471	
36)	L8 AR-1262-1	7.632	6.663	101374	123363	29.612	31.987	
37)	L8 AR-1262-2	8.165	7.162	229008	254436	38.313	38.366	
38)	L8 AR-1262-3	8.476	7.442	147966	60848	35.870	22.128	#
39)	L8 AR-1262-4	8.528	7.507	87017	182399	27.625	38.384	#
40)	L8 AR-1262-5	9.163	7.999	57412	56620	27.168	26.560	
41)	L9 AR-1268-1	8.476	7.442	147966	60848	22.274	8.041	#
42)	L9 AR-1268-2	8.528	7.507	87017	182399	14.119	27.296	#
44)	L9 AR-1268-4	9.163	7.999	57412	56620	25.614	24.582	

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

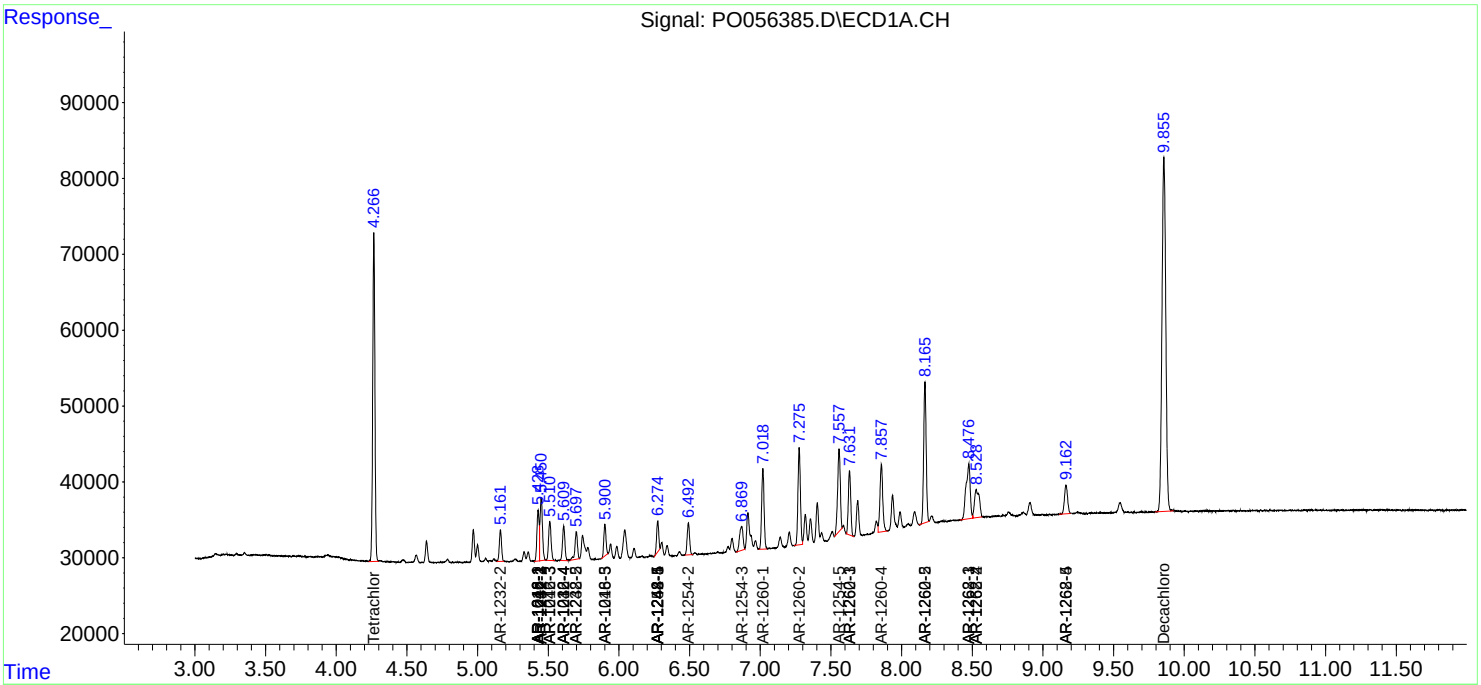
Quantitation Report (Not Reviewed)

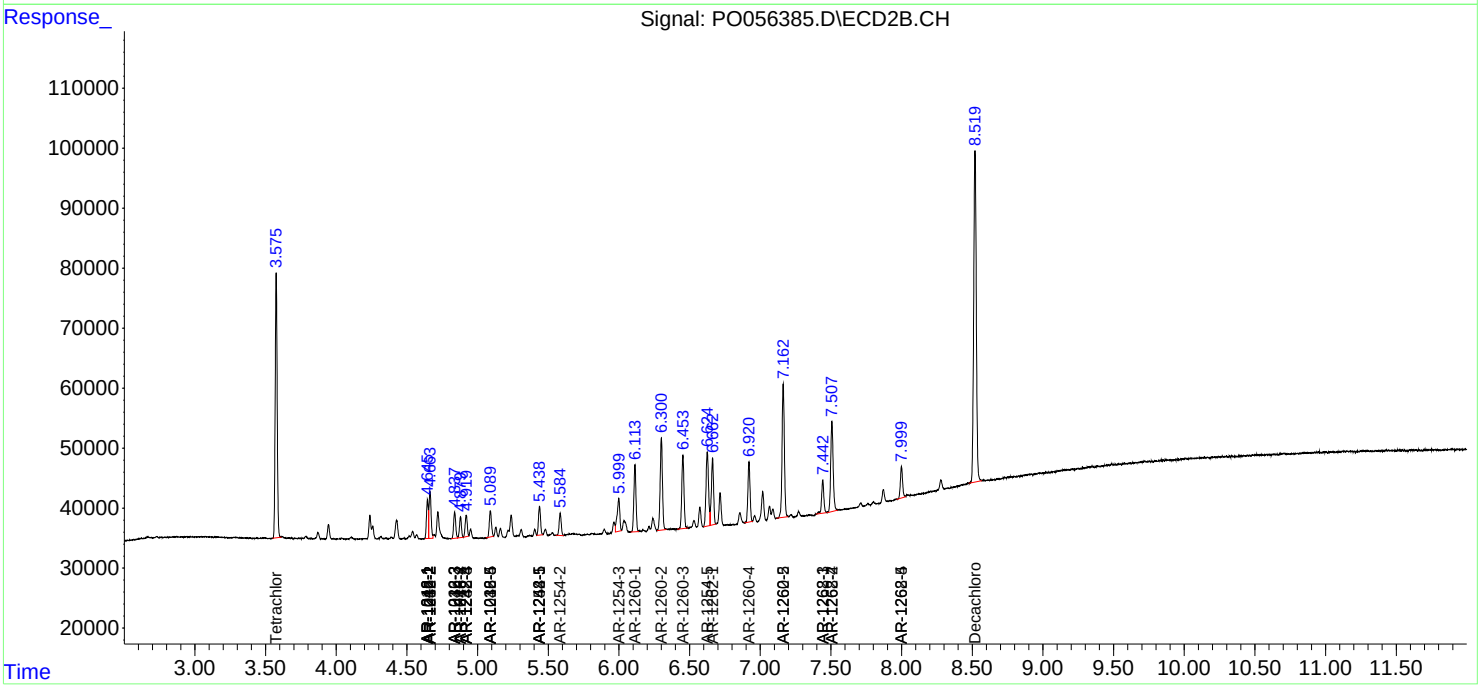
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO052019\
Data File : PO056385.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 May 2019 18:26
Operator : SM/SJ
Sample : K2241-07
Misc : AR1660 LOD 40PPB
ALS Vial : 5 Sample Multiplier: 1

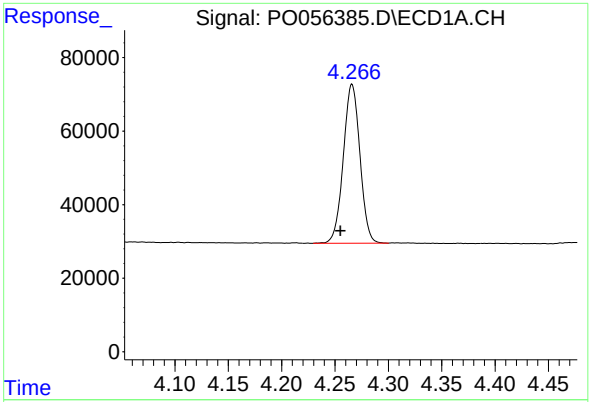
Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:54:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052019.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 21 03:48:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



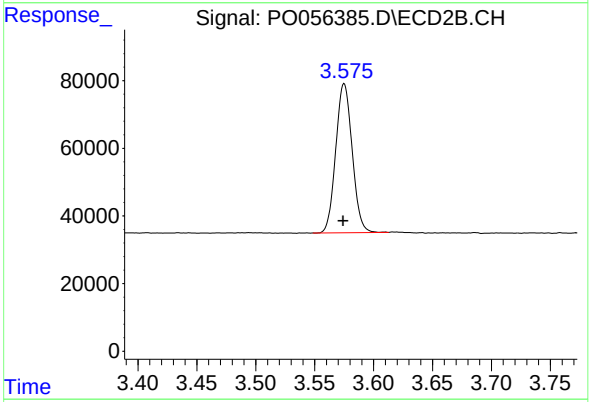




#1 Tetrachloro-m-xylene

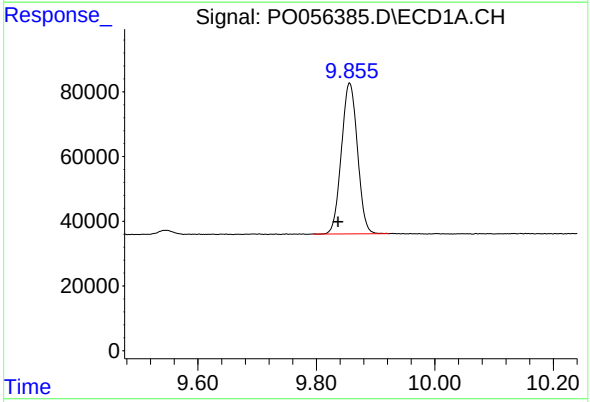
R.T.: 4.266 min
Delta R.T.: 0.011 min
Response: 469428
Conc: 16.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



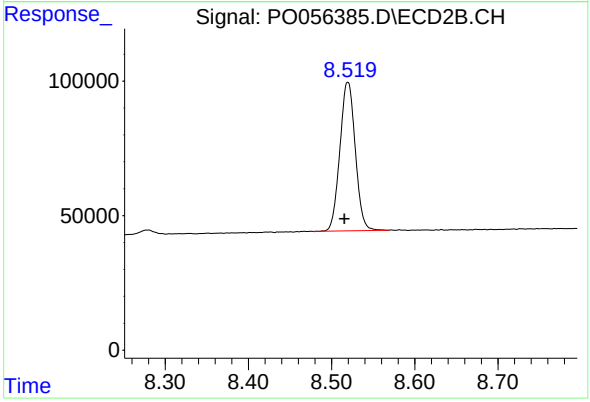
#1 Tetrachloro-m-xylene

R.T.: 3.575 min
Delta R.T.: 0.000 min
Response: 427859
Conc: 15.86 ng/ml



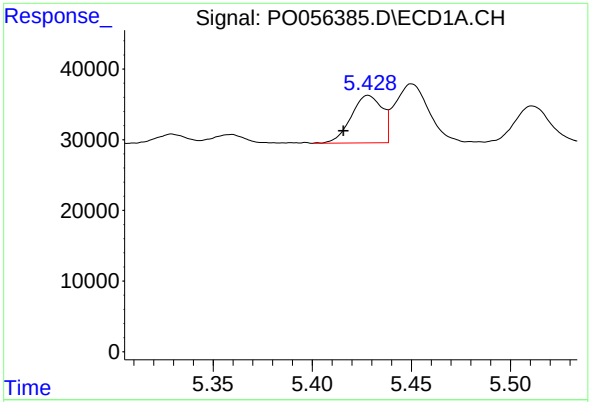
#2 Decachlorobiphenyl

R.T.: 9.856 min
Delta R.T.: 0.019 min
Response: 875772
Conc: 17.16 ng/ml



#2 Decachlorobiphenyl

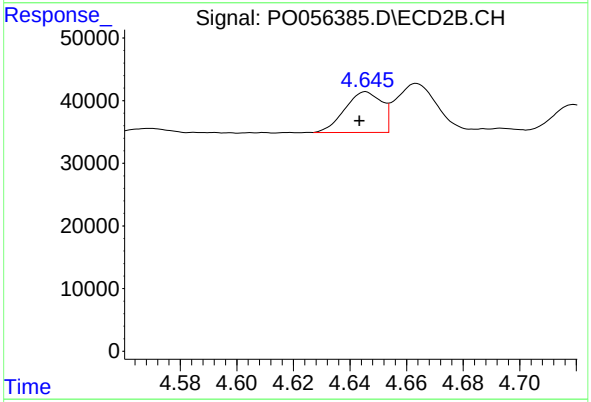
R.T.: 8.520 min
Delta R.T.: 0.004 min
Response: 711408
Conc: 16.19 ng/ml



#3 AR-1016-1

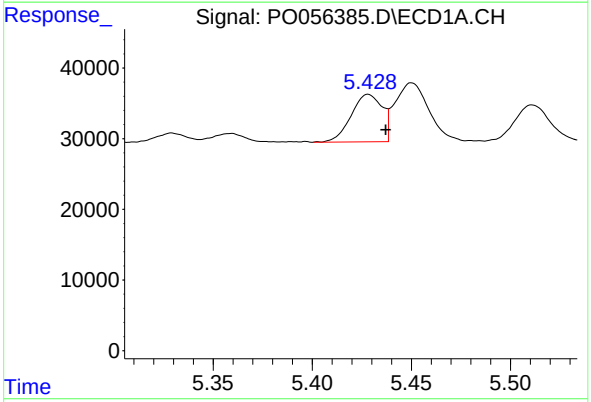
R.T.: 5.428 min
Delta R.T.: 0.013 min
Response: 73072
Conc: 47.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



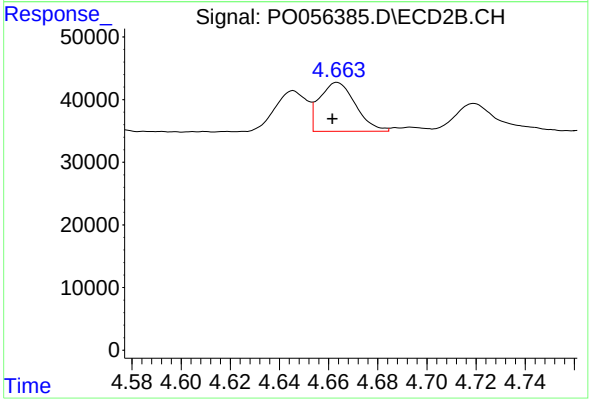
#3 AR-1016-1

R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 58695
Conc: 43.36 ng/ml



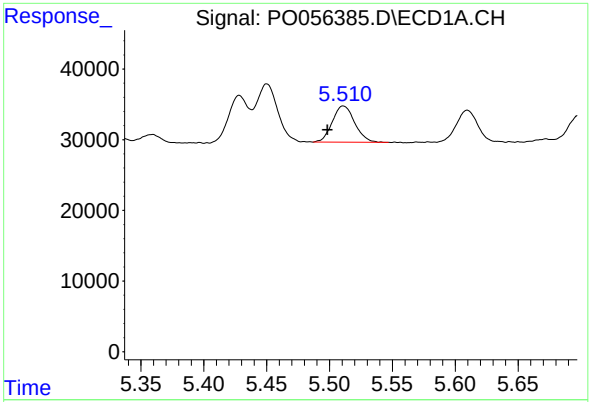
#4 AR-1016-2

R.T.: 5.428 min
Delta R.T.: -0.009 min
Response: 73072
Conc: 33.82 ng/ml



#4 AR-1016-2

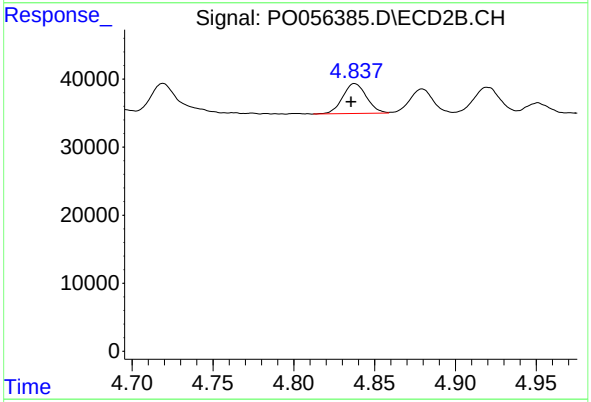
R.T.: 4.663 min
Delta R.T.: 0.002 min
Response: 79224
Conc: 42.27 ng/ml



#5 AR-1016-3

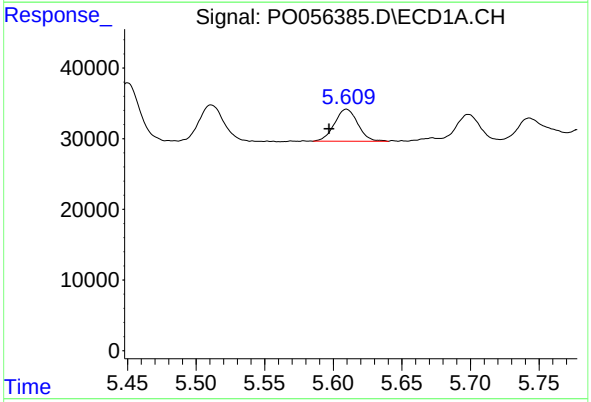
R.T.: 5.511 min
Delta R.T.: 0.013 min
Response: 63751
Conc: 45.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



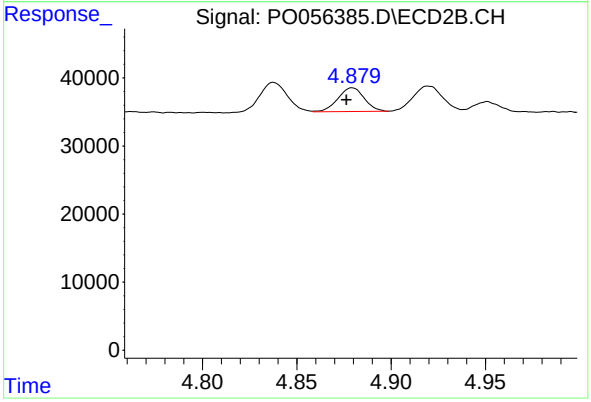
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: 0.002 min
Response: 44939
Conc: 42.14 ng/ml



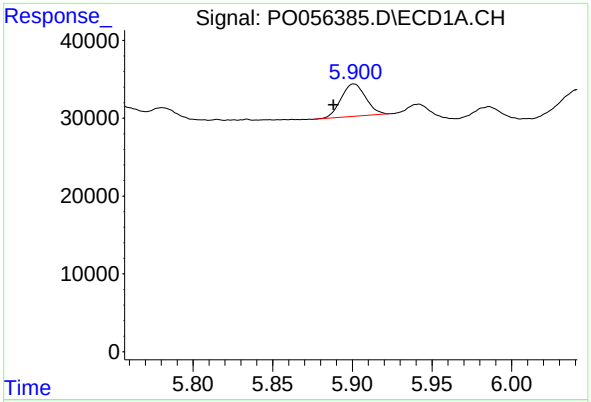
#6 AR-1016-4

R.T.: 5.610 min
Delta R.T.: 0.013 min
Response: 53829
Conc: 46.84 ng/ml



#6 AR-1016-4

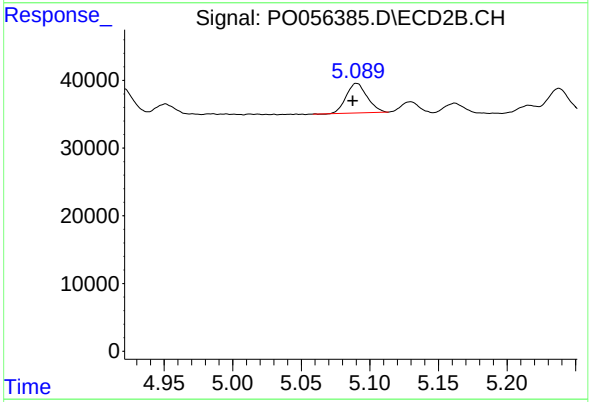
R.T.: 4.879 min
Delta R.T.: 0.003 min
Response: 33931
Conc: 39.22 ng/ml



#7 AR-1016-5

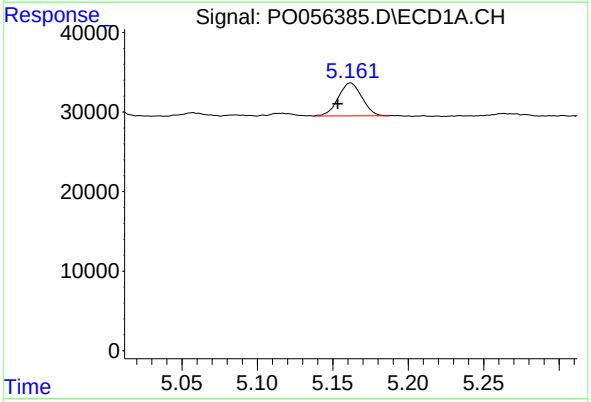
R.T.: 5.901 min
Delta R.T.: 0.013 min
Response: 44611
Conc: 36.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



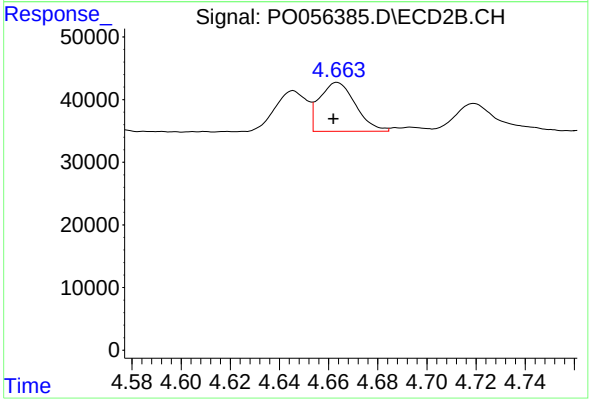
#7 AR-1016-5

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 46313
Conc: 40.00 ng/ml



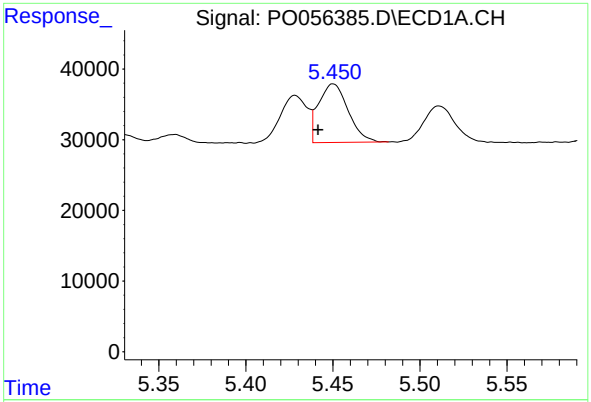
#12 AR-1232-2

R.T.: 5.162 min
Delta R.T.: 0.008 min
Response: 45376
Conc: 68.61 ng/ml



#12 AR-1232-2

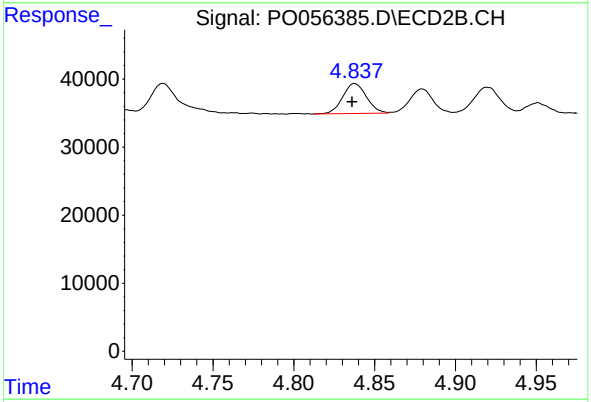
R.T.: 4.663 min
Delta R.T.: 0.002 min
Response: 79224
Conc: 63.82 ng/ml



#13 AR-1232-3

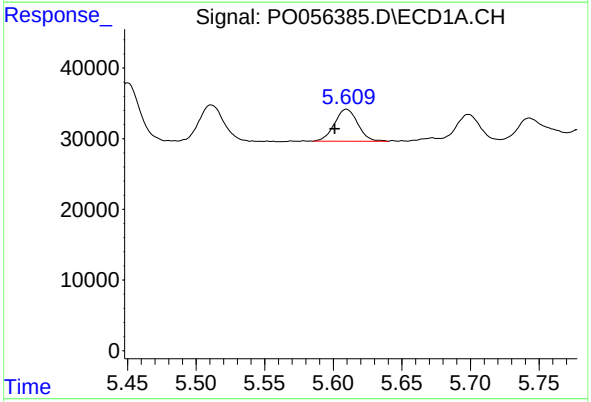
R.T.: 5.450 min
Delta R.T.: 0.009 min
Response: 97706
Conc: 68.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



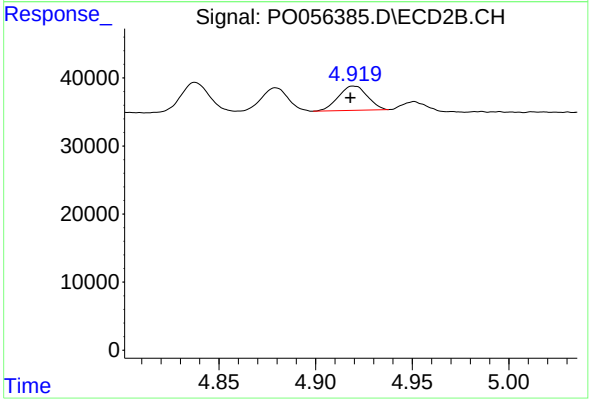
#13 AR-1232-3

R.T.: 4.838 min
Delta R.T.: 0.002 min
Response: 44939
Conc: 63.26 ng/ml



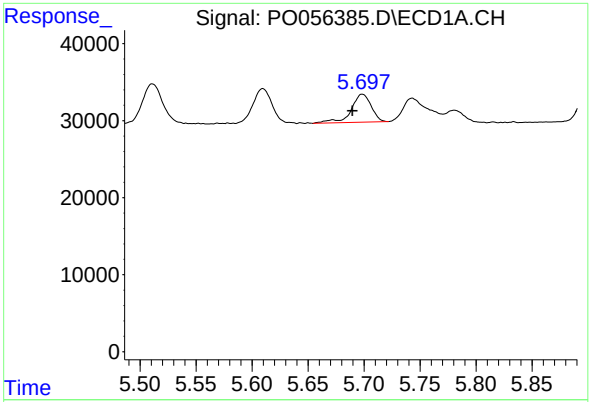
#14 AR-1232-4

R.T.: 5.610 min
Delta R.T.: 0.008 min
Response: 53829
Conc: 71.89 ng/ml



#14 AR-1232-4

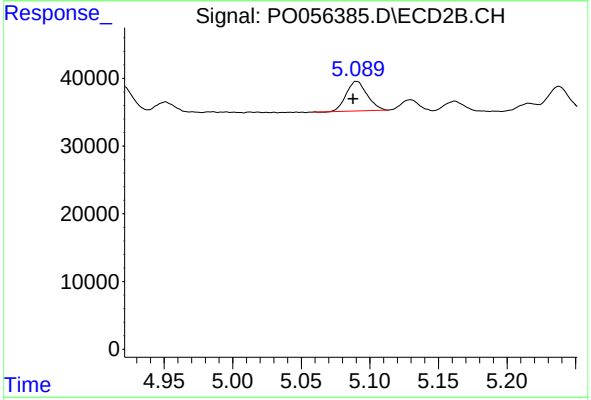
R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 37185
Conc: 60.06 ng/ml



#15 AR-1232-5

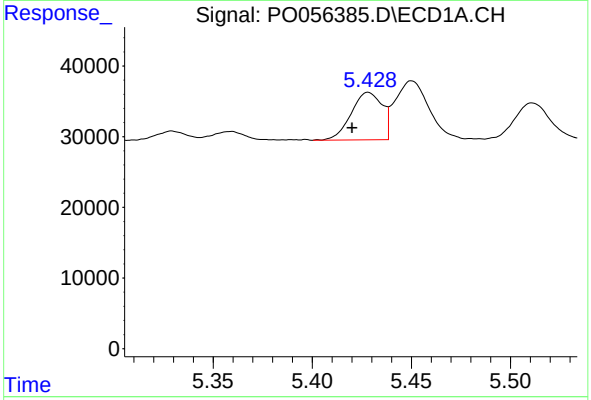
R.T.: 5.698 min
Delta R.T.: 0.009 min
Response: 45455
Conc: 76.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



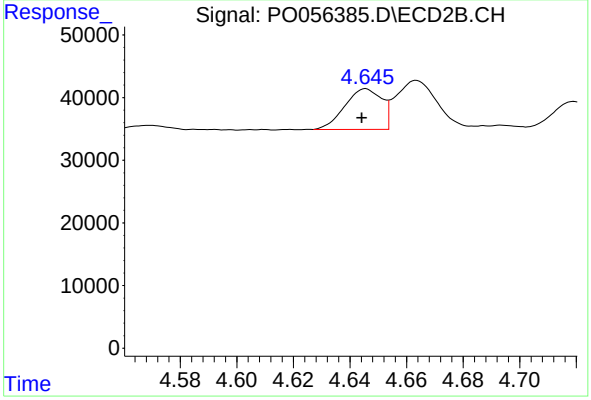
#15 AR-1232-5

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 46313
Conc: 65.05 ng/ml



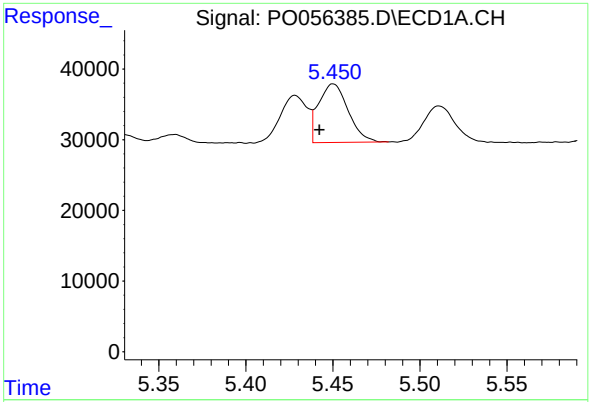
#16 AR-1242-1

R.T.: 5.428 min
Delta R.T.: 0.008 min
Response: 73072
Conc: 62.40 ng/ml



#16 AR-1242-1

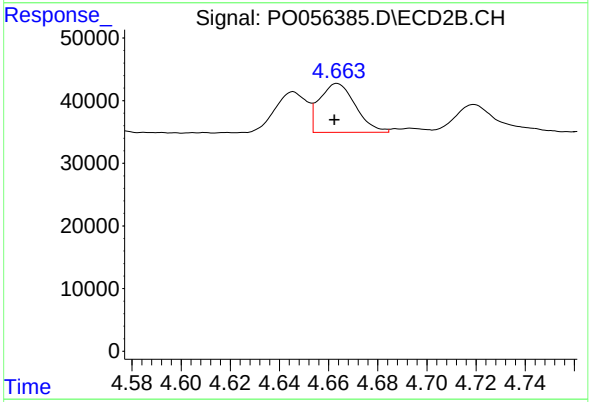
R.T.: 4.646 min
Delta R.T.: 0.001 min
Response: 58695
Conc: 56.29 ng/ml



#17 AR-1242-2

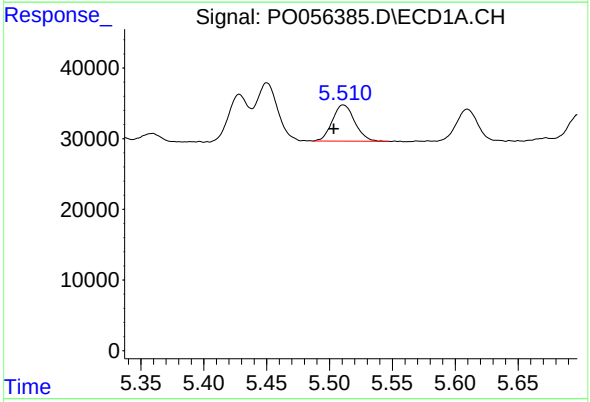
R.T.: 5.450 min
Delta R.T.: 0.008 min
Response: 97706
Conc: 59.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



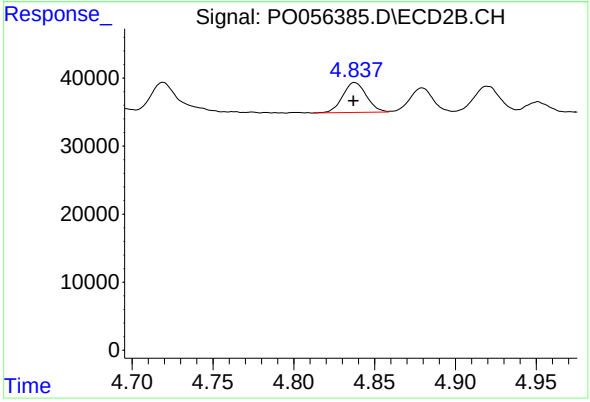
#17 AR-1242-2

R.T.: 4.663 min
Delta R.T.: 0.001 min
Response: 79224
Conc: 55.78 ng/ml



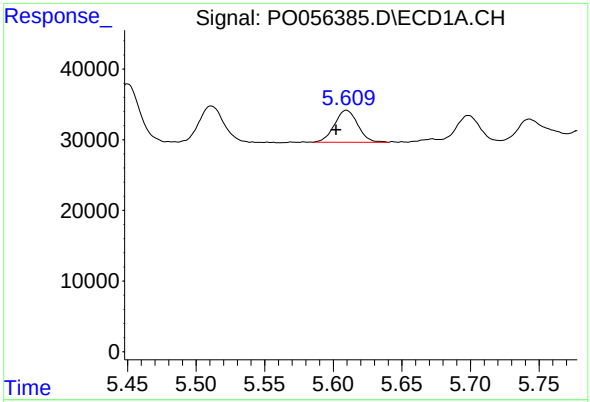
#18 AR-1242-3

R.T.: 5.511 min
Delta R.T.: 0.008 min
Response: 63751
Conc: 59.33 ng/ml



#18 AR-1242-3

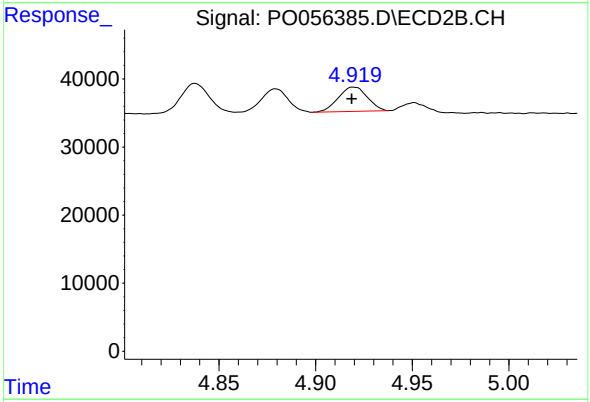
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 44939
Conc: 54.30 ng/ml



#19 AR-1242-4

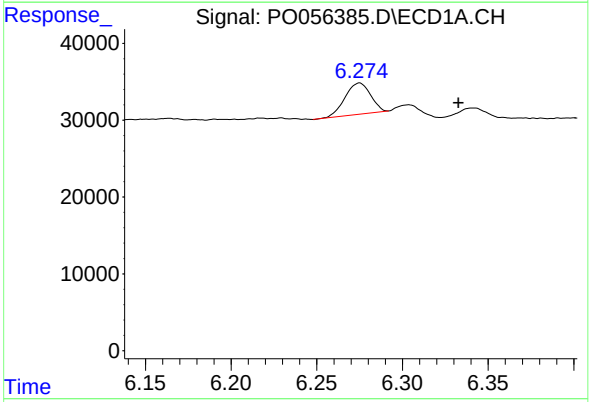
R.T.: 5.610 min
Delta R.T.: 0.008 min
Response: 53829
Conc: 60.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



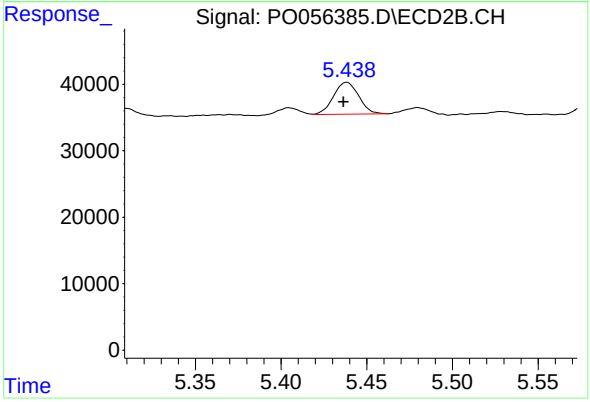
#19 AR-1242-4

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 37185
Conc: 46.32 ng/ml



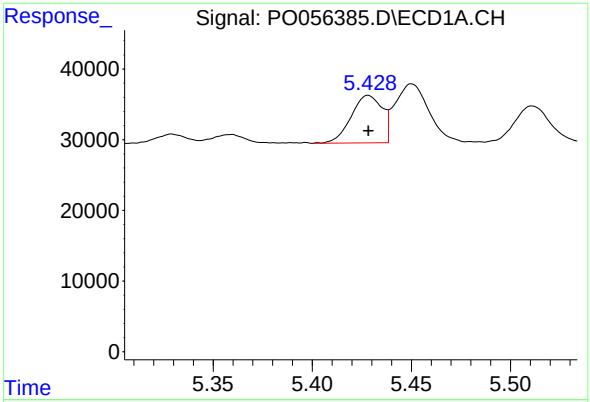
#20 AR-1242-5

R.T.: 6.275 min
Delta R.T.: -0.058 min
Response: 42129
Conc: 36.98 ng/ml



#20 AR-1242-5

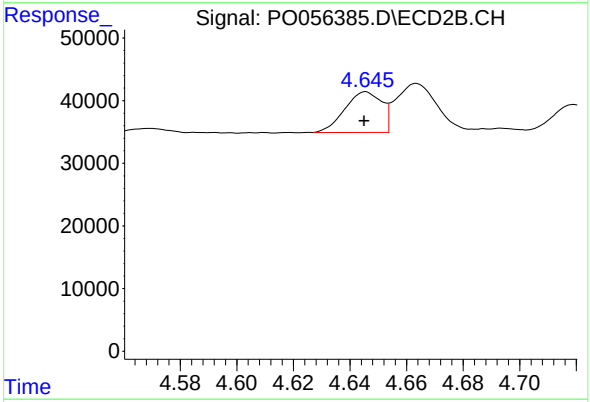
R.T.: 5.438 min
Delta R.T.: 0.002 min
Response: 49091
Conc: 44.34 ng/ml



#21 AR-1248-1

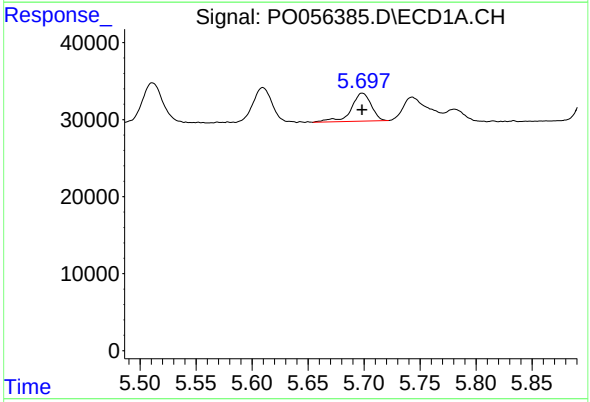
R.T.: 5.428 min
Delta R.T.: 0.000 min
Response: 73072
Conc: 80.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



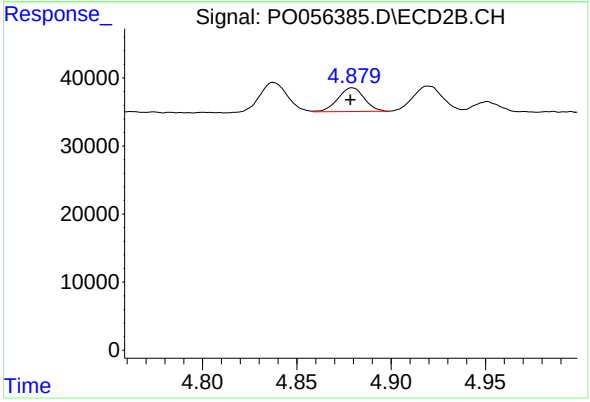
#21 AR-1248-1

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 58695
Conc: 73.26 ng/ml



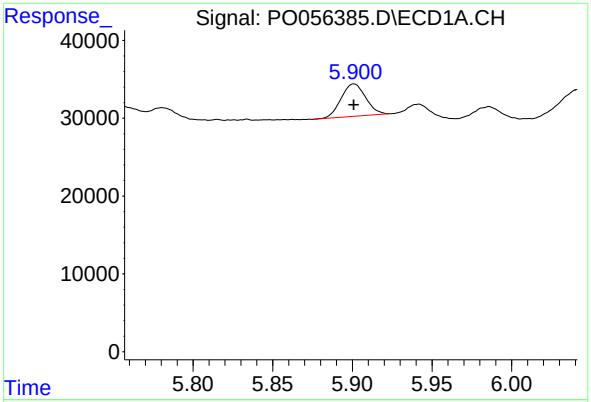
#22 AR-1248-2

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 45455
Conc: 34.51 ng/ml



#22 AR-1248-2

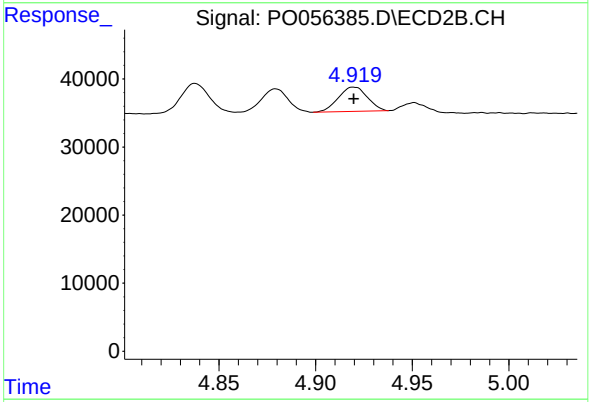
R.T.: 4.879 min
Delta R.T.: 0.001 min
Response: 33931
Conc: 31.38 ng/ml



#23 AR-1248-3

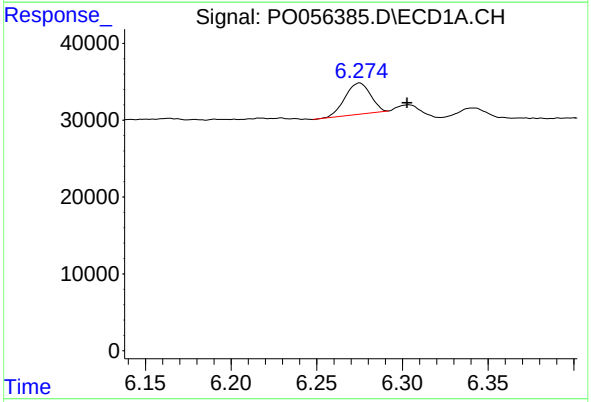
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 44611
Conc: 29.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



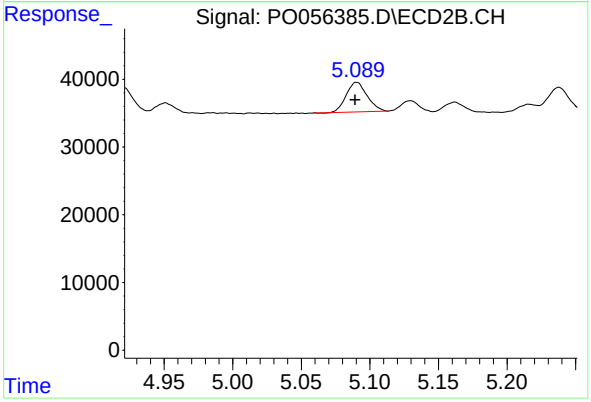
#23 AR-1248-3

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 37185
Conc: 33.04 ng/ml



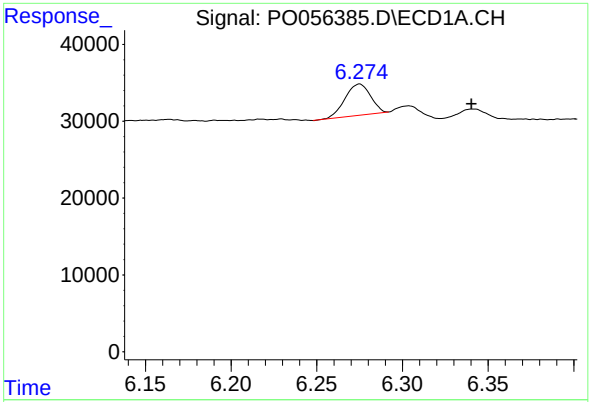
#24 AR-1248-4

R.T.: 6.275 min
Delta R.T.: -0.028 min
Response: 42129
Conc: 23.10 ng/ml



#24 AR-1248-4

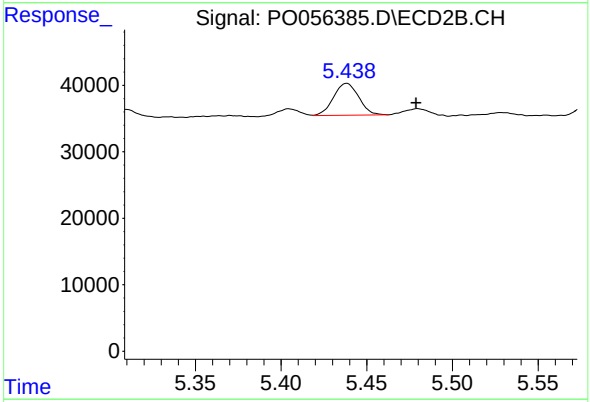
R.T.: 5.090 min
Delta R.T.: 0.000 min
Response: 46313
Conc: 32.53 ng/ml



#25 AR-1248-5

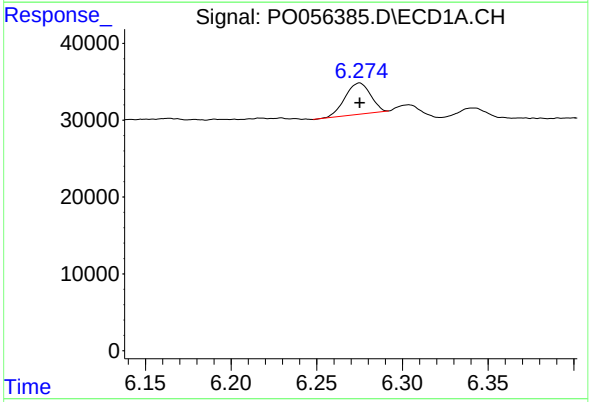
R.T.: 6.275 min
Delta R.T.: -0.065 min
Response: 42129
Conc: 24.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



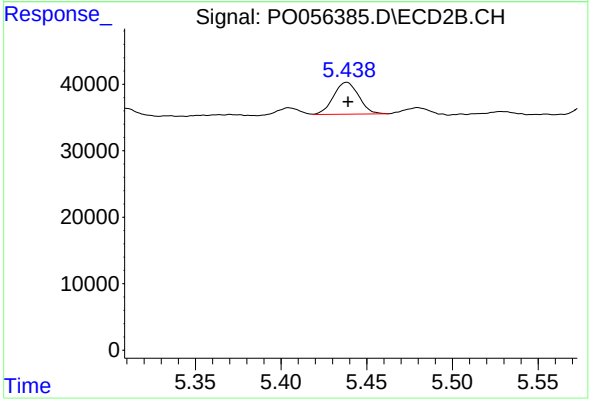
#25 AR-1248-5

R.T.: 5.438 min
Delta R.T.: -0.040 min
Response: 49091
Conc: 32.06 ng/ml



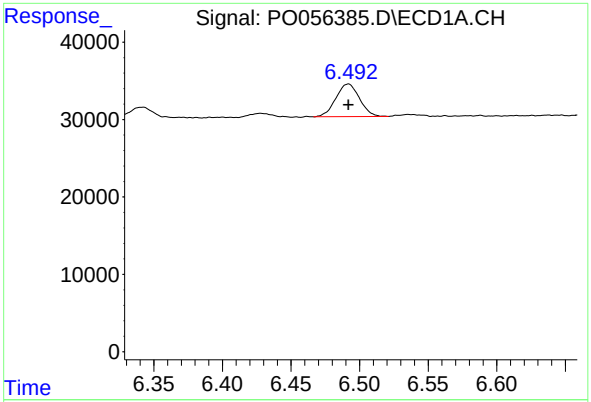
#26 AR-1254-1

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 42129
Conc: 18.01 ng/ml



#26 AR-1254-1

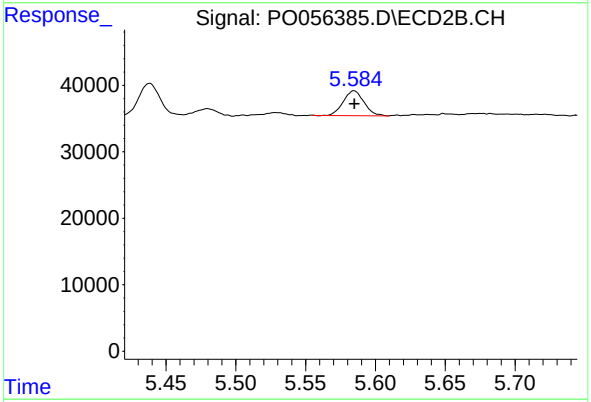
R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 49091
Conc: 16.32 ng/ml



#27 AR-1254-2

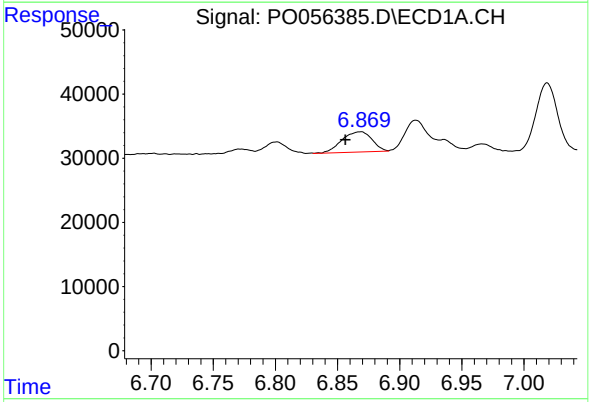
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 50637
Conc: 13.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



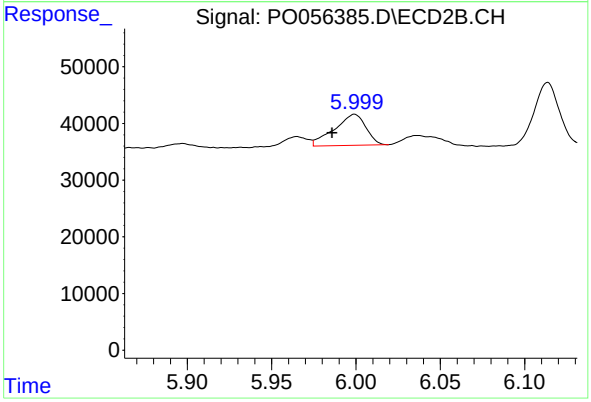
#27 AR-1254-2

R.T.: 5.585 min
Delta R.T.: 0.000 min
Response: 38606
Conc: 14.30 ng/ml



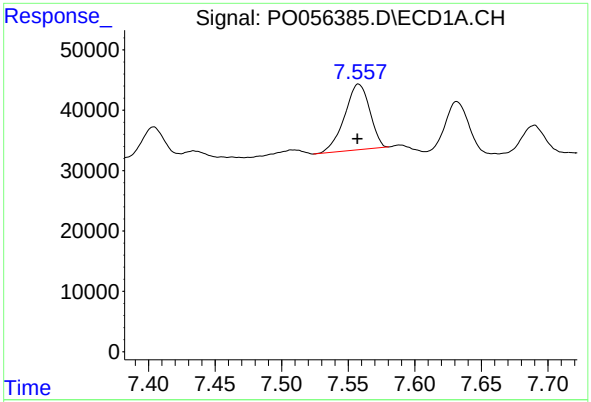
#28 AR-1254-3

R.T.: 6.868 min
Delta R.T.: 0.012 min
Response: 53246
Conc: 12.72 ng/ml



#28 AR-1254-3

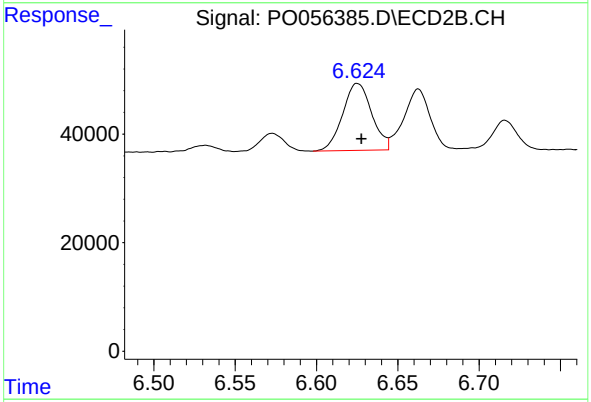
R.T.: 5.999 min
Delta R.T.: 0.013 min
Response: 71468
Conc: 15.50 ng/ml



#30 AR-1254-5

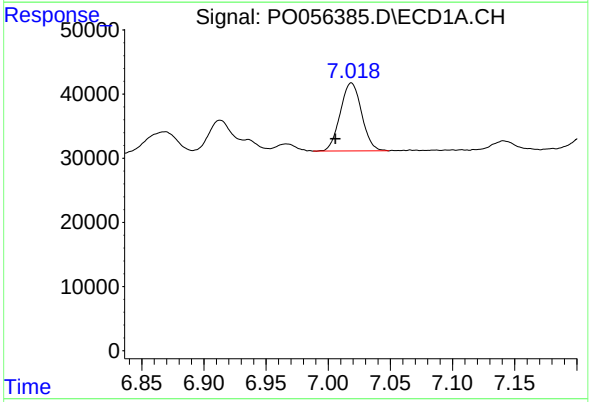
R.T.: 7.558 min
Delta R.T.: 0.000 min
Response: 142884
Conc: 40.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



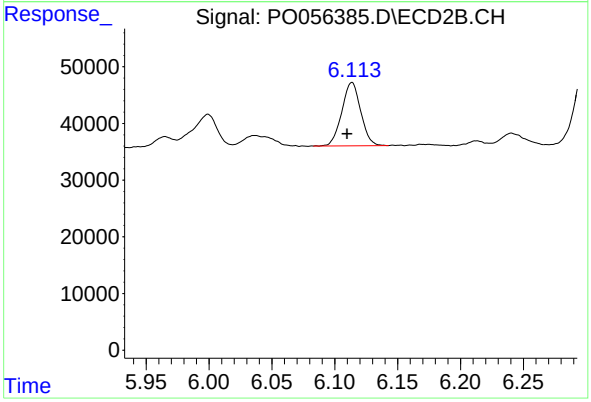
#30 AR-1254-5

R.T.: 6.625 min
Delta R.T.: -0.002 min
Response: 153315
Conc: 35.47 ng/ml



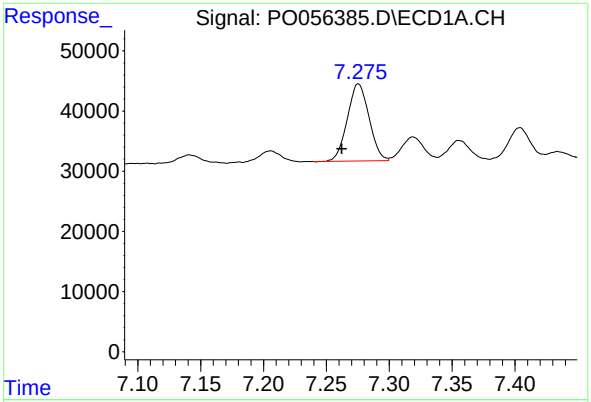
#31 AR-1260-1

R.T.: 7.019 min
Delta R.T.: 0.013 min
Response: 127023
Conc: 51.23 ng/ml



#31 AR-1260-1

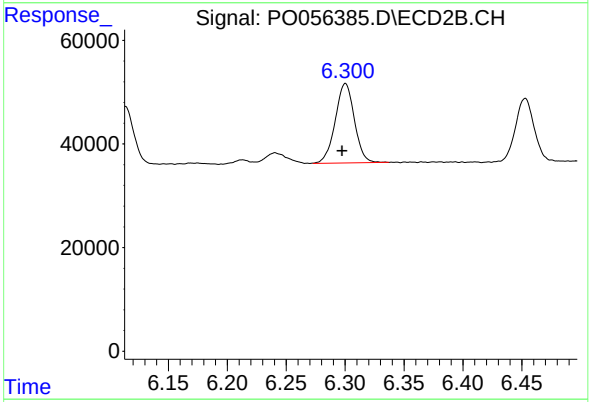
R.T.: 6.114 min
Delta R.T.: 0.004 min
Response: 116780
Conc: 47.62 ng/ml



#32 AR-1260-2

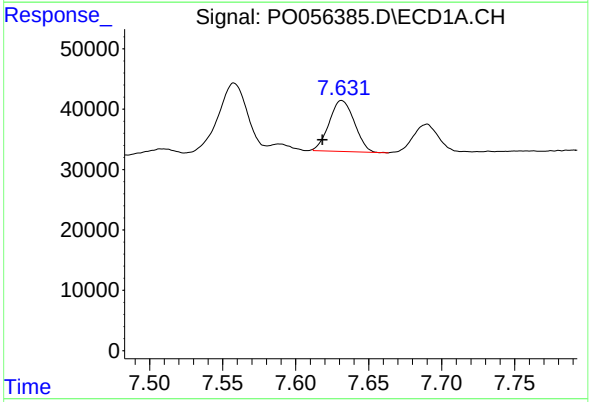
R.T.: 7.275 min
Delta R.T.: 0.013 min
Response: 153913
Conc: 50.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



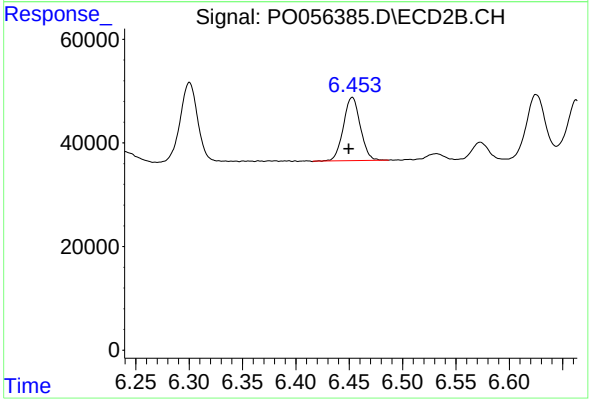
#32 AR-1260-2

R.T.: 6.300 min
Delta R.T.: 0.003 min
Response: 173981
Conc: 54.74 ng/ml



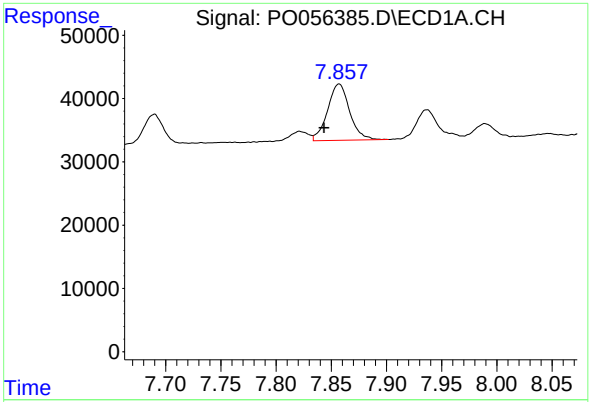
#33 AR-1260-3

R.T.: 7.632 min
Delta R.T.: 0.013 min
Response: 101374
Conc: 42.08 ng/ml



#33 AR-1260-3

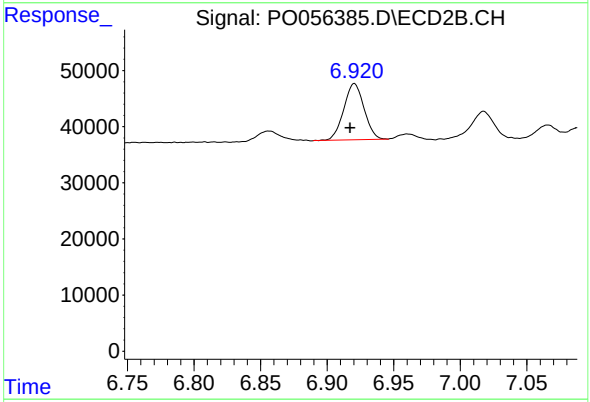
R.T.: 6.453 min
Delta R.T.: 0.003 min
Response: 134473
Conc: 46.71 ng/ml



#34 AR-1260-4

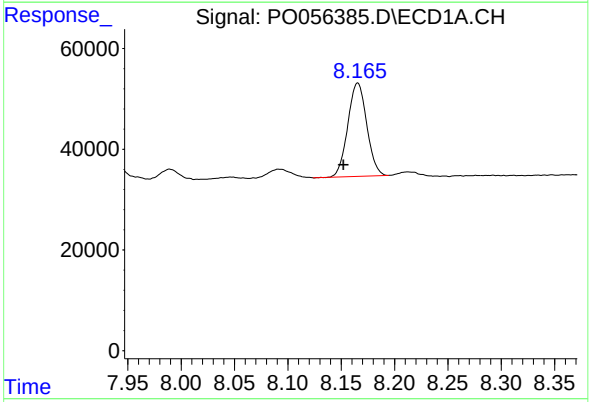
R.T.: 7.857 min
Delta R.T.: 0.014 min
Response: 123489
Conc: 44.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



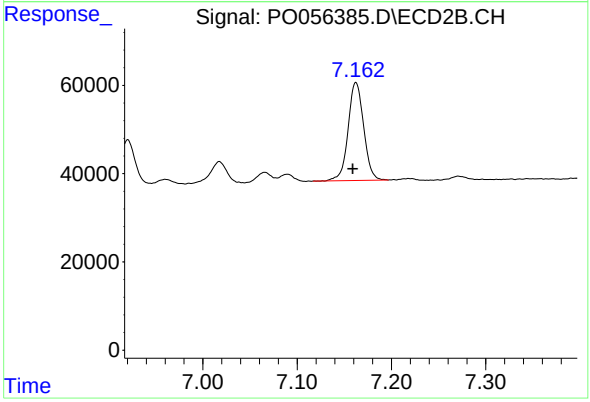
#34 AR-1260-4

R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 105969
Conc: 42.47 ng/ml



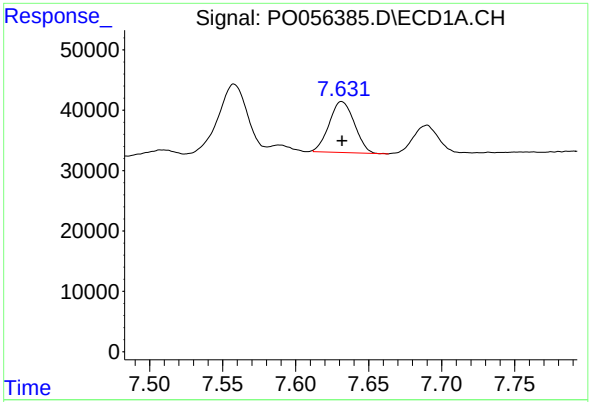
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: 0.013 min
Response: 229008
Conc: 42.47 ng/ml



#35 AR-1260-5

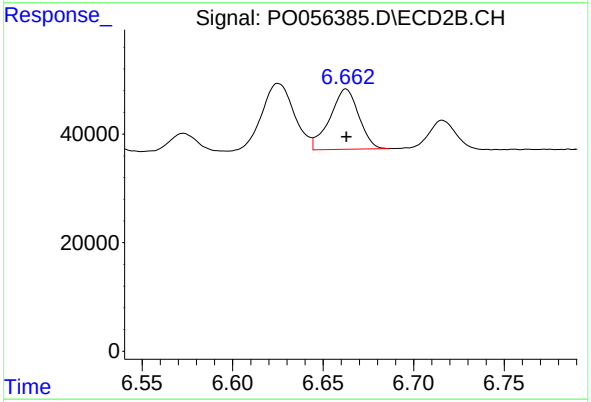
R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 254436
Conc: 41.47 ng/ml



#36 AR-1262-1

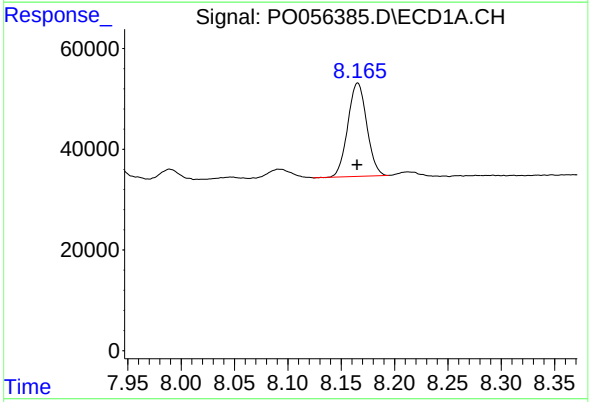
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 101374
Conc: 29.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



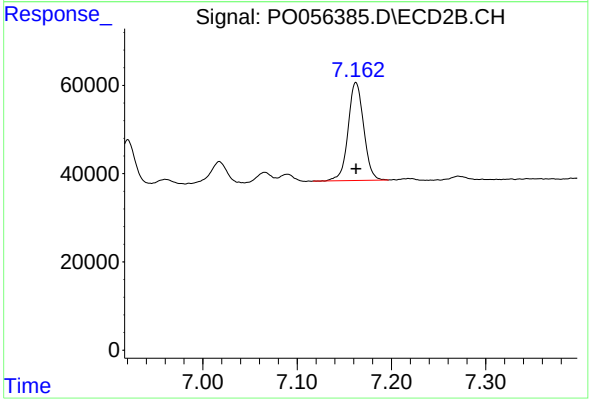
#36 AR-1262-1

R.T.: 6.663 min
Delta R.T.: 0.000 min
Response: 123363
Conc: 31.99 ng/ml



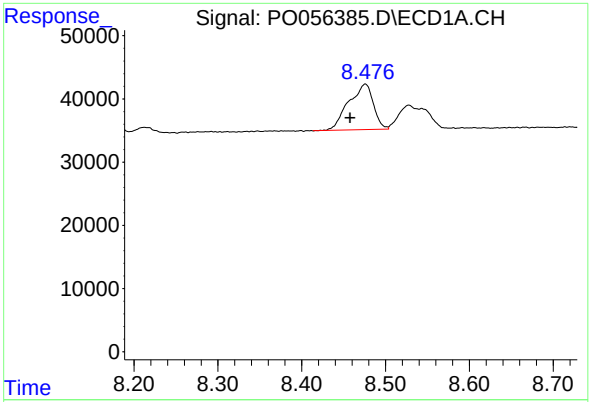
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: 0.000 min
Response: 229008
Conc: 38.31 ng/ml



#37 AR-1262-2

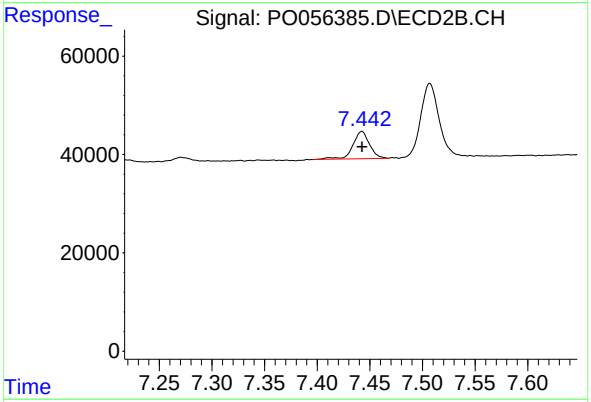
R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 254436
Conc: 38.37 ng/ml



#38 AR-1262-3

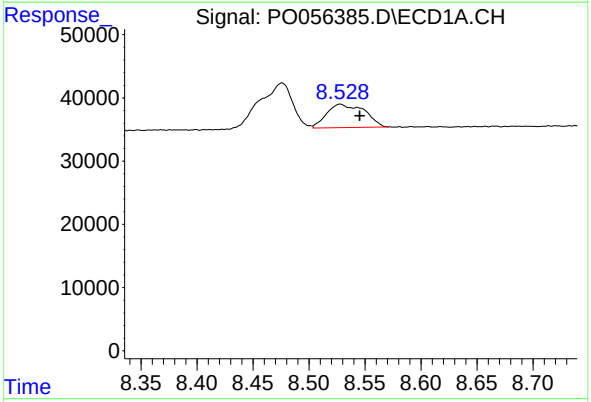
R.T.: 8.476 min
Delta R.T.: 0.018 min
Response: 147966
Conc: 35.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



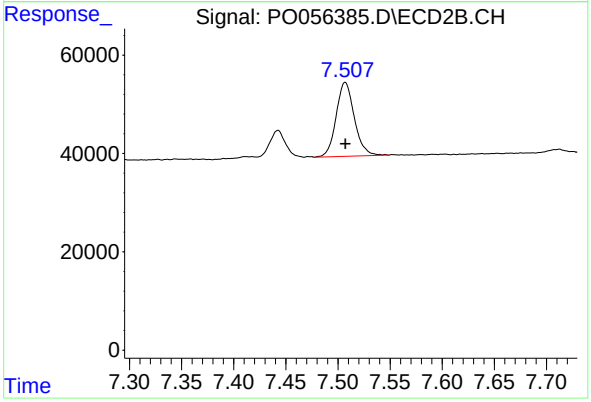
#38 AR-1262-3

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 60848
Conc: 22.13 ng/ml



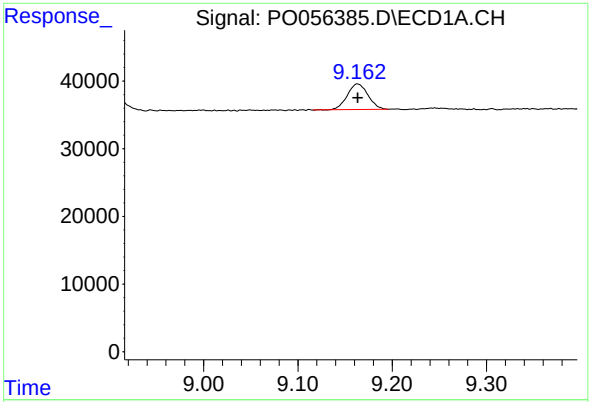
#39 AR-1262-4

R.T.: 8.528 min
Delta R.T.: -0.018 min
Response: 87017
Conc: 27.62 ng/ml



#39 AR-1262-4

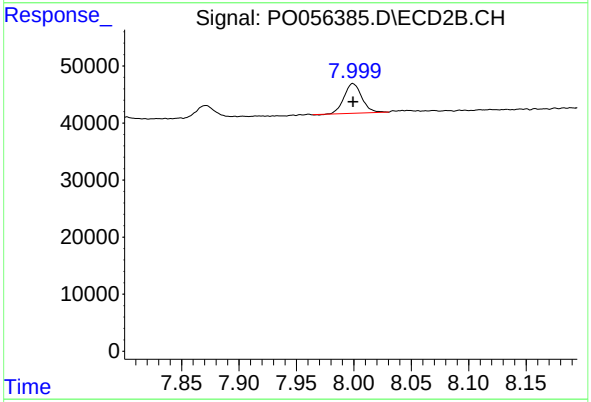
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 182399
Conc: 38.38 ng/ml



#40 AR-1262-5

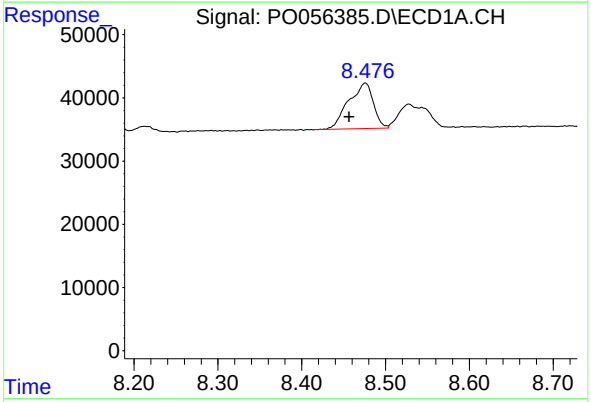
R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 57412
Conc: 27.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



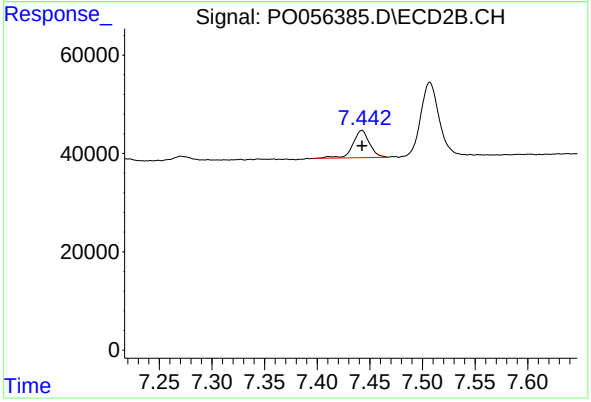
#40 AR-1262-5

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 56620
Conc: 26.56 ng/ml



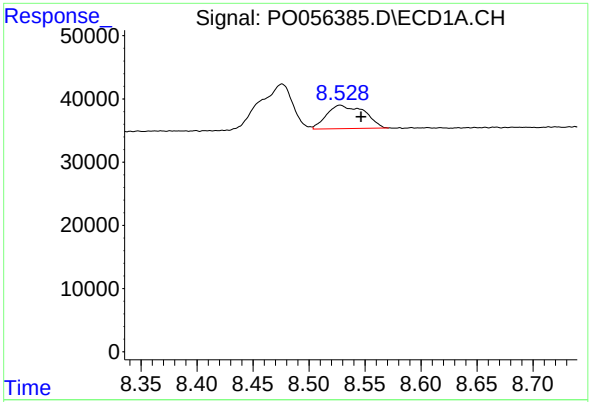
#41 AR-1268-1

R.T.: 8.476 min
Delta R.T.: 0.019 min
Response: 147966
Conc: 22.27 ng/ml



#41 AR-1268-1

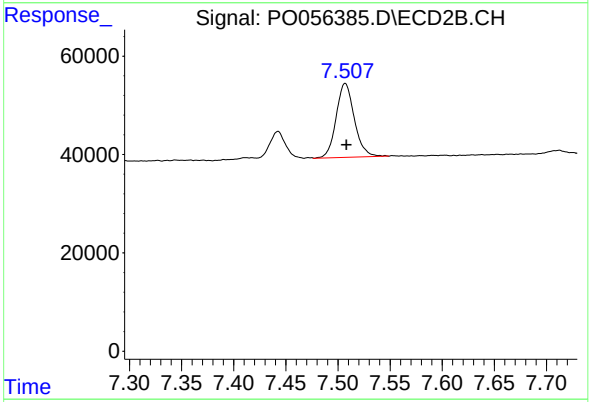
R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 60848
Conc: 8.04 ng/ml



#42 AR-1268-2

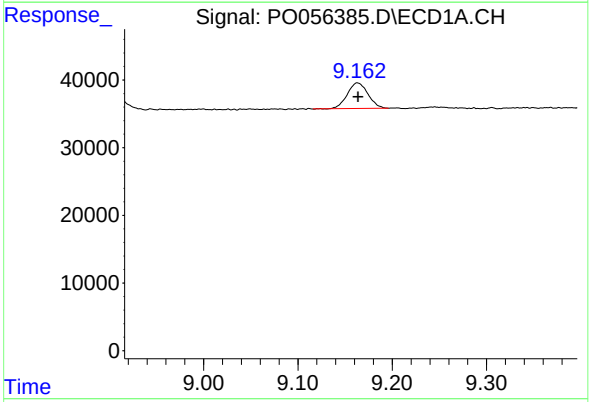
R.T.: 8.528 min
Delta R.T.: -0.019 min
Response: 87017
Conc: 14.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT2-2019



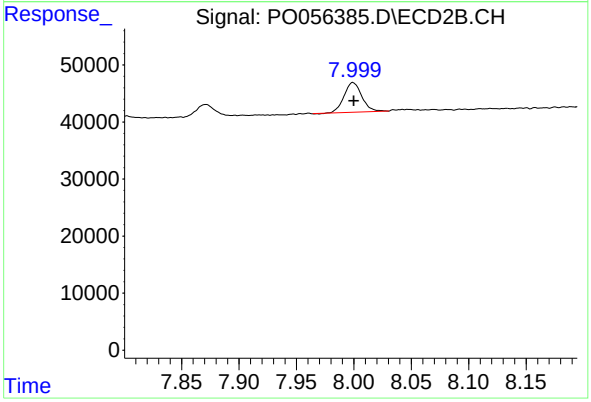
#42 AR-1268-2

R.T.: 7.507 min
Delta R.T.: -0.001 min
Response: 182399
Conc: 27.30 ng/ml



#44 AR-1268-4

R.T.: 9.163 min
Delta R.T.: 0.000 min
Response: 57412
Conc: 25.61 ng/ml



#44 AR-1268-4

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 56620
Conc: 24.58 ng/ml