Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040919\
Data File : PO055082.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Apr 2019 17:33
Operator : SM/SJ
Sample : K1560-09
Misc : AR1248 MDL 100PPB
ALS Vial : 18 Sample Multiplier: 1

Instrument : ECD_O
ClientSampleId : MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 05:57:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 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...	4.300	3.611	916352	848278	26.404	26.581	
2)	SA Decachlor...	9.921	8.583	1077855	773929	21.864	24.301	
	Target Compounds							
3)	L1 AR-1016-1	5.462	4.708	38132	32899	21.191	20.803	
4)	L1 AR-1016-2	5.484	4.708	45469	32899	18.307	15.354	
5)	L1 AR-1016-3	5.544	4.883	26366	22417	16.759	18.554	
6)	L1 AR-1016-4	5.643	4.922	26236	46893	20.134	46.404	#
7)	L1 AR-1016-5	5.936	5.135	64720	49138	48.507	37.700	
9)	L2 AR-1221-2	4.602	3.909	15635	14844	46.104	49.515	
12)	L3 AR-1232-2	5.196	4.708	17291	32899	35.349	38.205	
13)	L3 AR-1232-3	5.484	4.883	45469	22417	46.525	46.263	
14)	L3 AR-1232-4	5.643	4.964	26236	46818	51.257	106.551	#
15)	L3 AR-1232-5	5.734	5.135	60494	49138	145.419	101.031	#
16)	L4 AR-1242-1	5.462	4.708	38132	32899	27.447	26.797	
17)	L4 AR-1242-2	5.484	4.708	45469	32899	23.763	19.852	
18)	L4 AR-1242-3	5.544	4.883	26366	22417	21.272	23.664	
19)	L4 AR-1242-4	5.643	4.964	26236	46818	25.733	48.986	#
20)	L4 AR-1242-5	6.376	5.485	68572	76971	56.804	62.584	
21)	L5 AR-1248-1	5.462	4.708	38132	32899	38.144	37.479	
22)	L5 AR-1248-2	5.734	4.922	60494	46893	41.654	38.801	
23)	L5 AR-1248-3	5.936	4.964	64720	46818	40.522	37.521	
24)	L5 AR-1248-4	6.339	5.135	73478	49138	39.114	32.264	
25)	L5 AR-1248-5	6.376	5.526	68572	47900	38.249	32.129	
26)	L6 AR-1254-1	6.310	5.485	57057	76971	31.468	35.220	
27)	L6 AR-1254-2	6.533	5.632	74470	22948	26.087	11.835	#
28)	L6 AR-1254-3	6.895	6.033	44499	38849	14.150	12.119	
29)	L6 AR-1254-4	7.179	6.261	27976	23083	11.436	11.789	
30)	L6 AR-1254-5	7.596	6.678	9879	6507	3.686	2.264	#
31)	L7 AR-1260-1	7.018	6.178	14083	16834	5.605	7.325	#
33)	L7 AR-1260-3	0.000	6.576	0	21658	N.D.	8.401	#
35)	L7 AR-1260-5	8.205	0.000	14615	0	2.634	N.D.	#
36)	L8 AR-1262-1	0.000	6.678	0	6507	N.D.	2.187	#
37)	L8 AR-1262-2	8.205	0.000	14615	0	2.467	N.D.	#
43)	L9 AR-1268-3	0.000	7.766	0	5140	N.D.	1.194	#

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

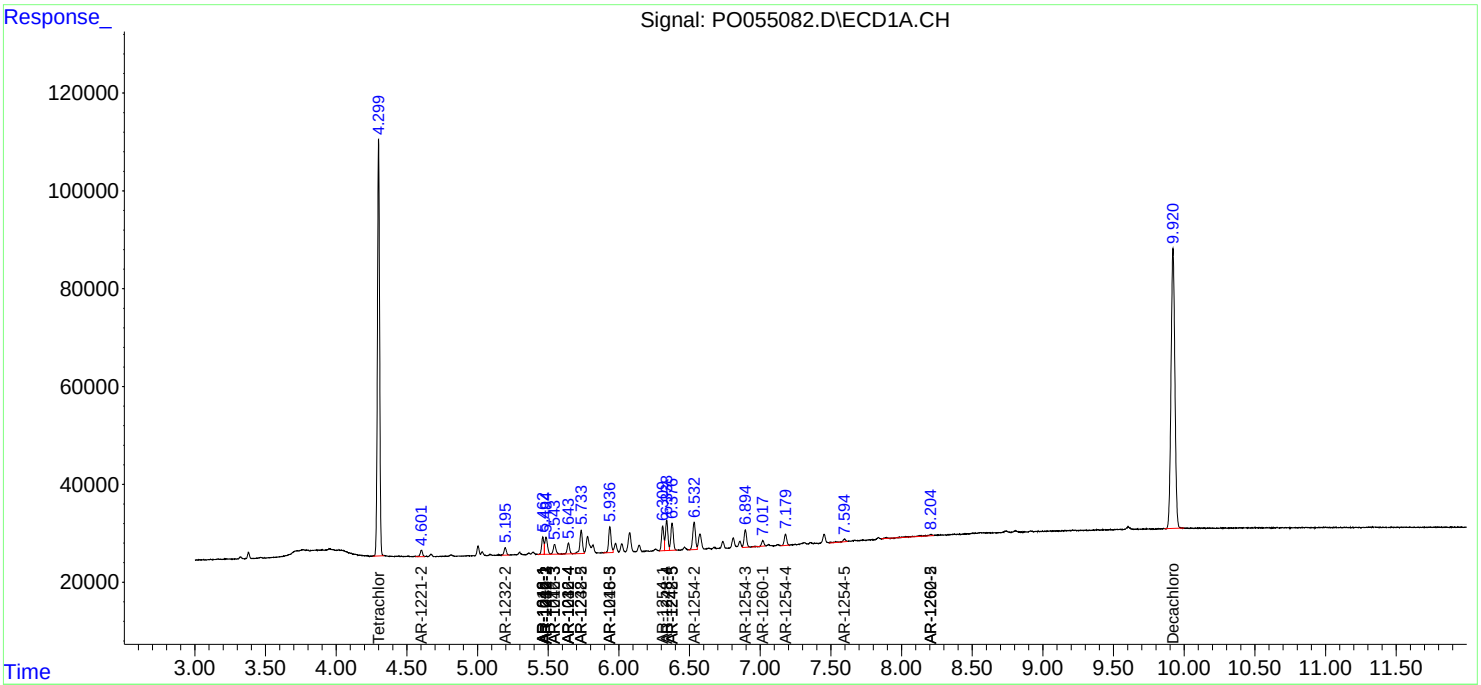
Quantitation Report (Not Reviewed)

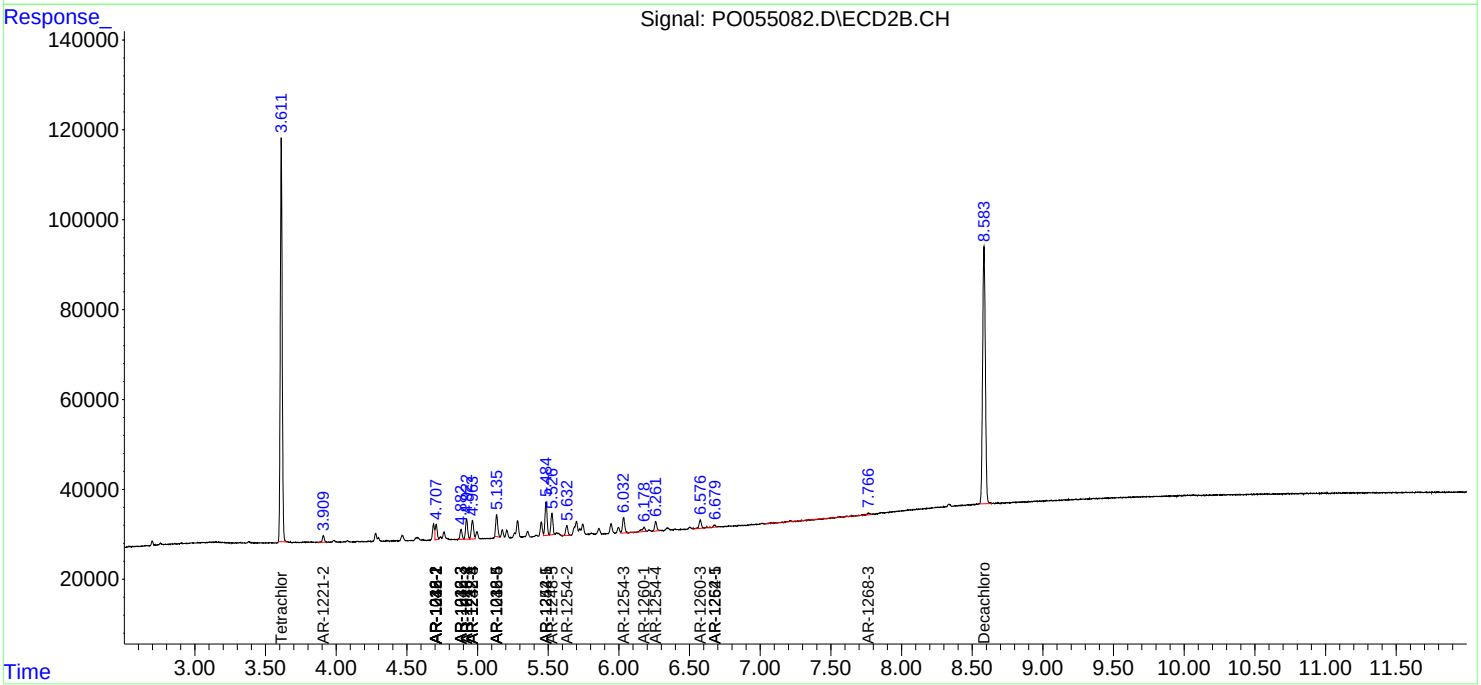
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040919\
Data File : PO055082.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 09 Apr 2019 17:33
Operator : SM/SJ
Sample : K1560-09
Misc : AR1248 MDL 100PPB
ALS Vial : 18 Sample Multiplier: 1

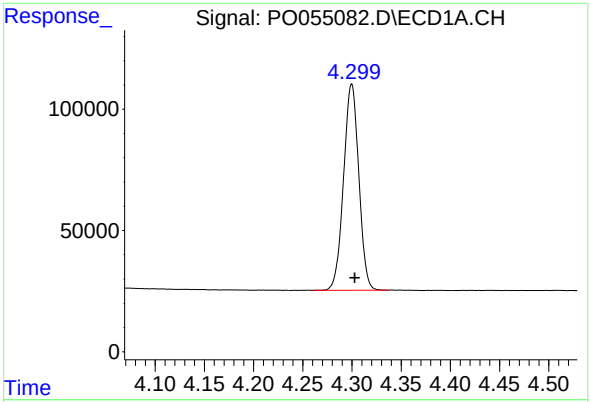
Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 05:57:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 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



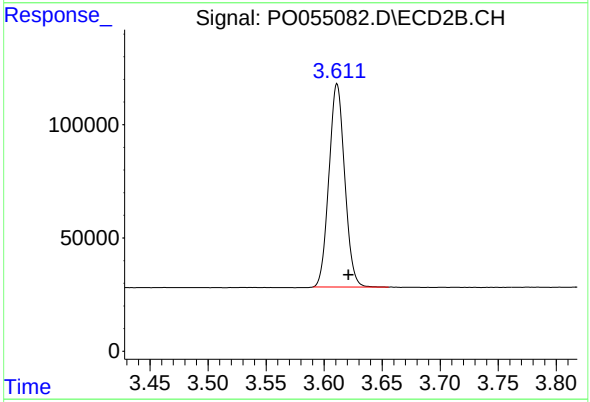




#1 Tetrachloro-m-xylene

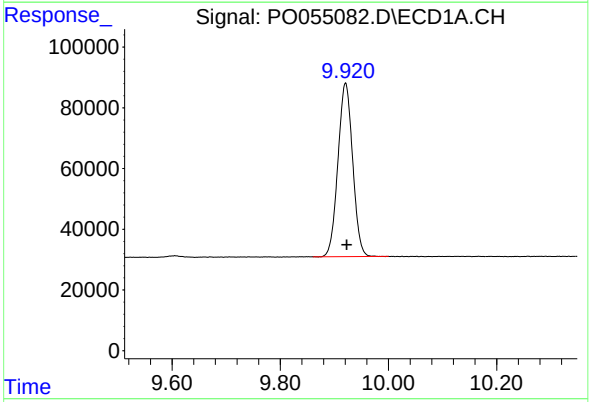
R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 916352
Conc: 26.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



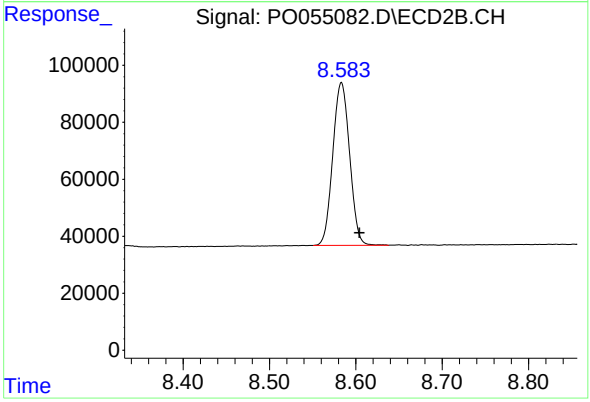
#1 Tetrachloro-m-xylene

R.T.: 3.611 min
Delta R.T.: -0.010 min
Response: 848278
Conc: 26.58 ng/ml



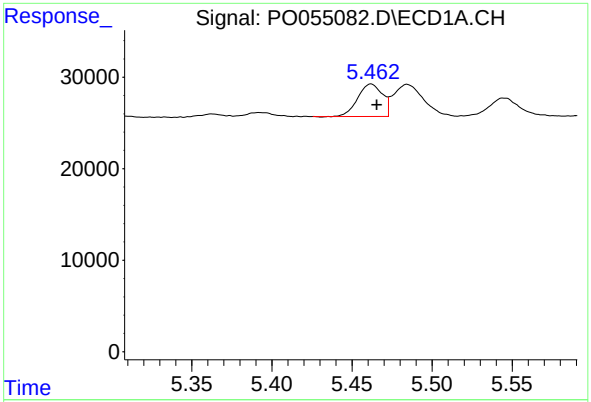
#2 Decachlorobiphenyl

R.T.: 9.921 min
Delta R.T.: -0.002 min
Response: 1077855
Conc: 21.86 ng/ml



#2 Decachlorobiphenyl

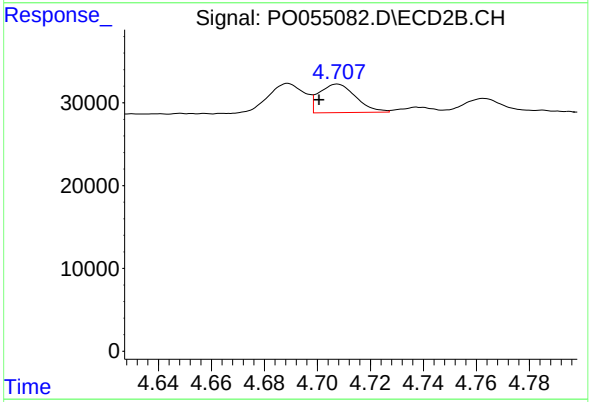
R.T.: 8.583 min
Delta R.T.: -0.021 min
Response: 773929
Conc: 24.30 ng/ml



#3 AR-1016-1

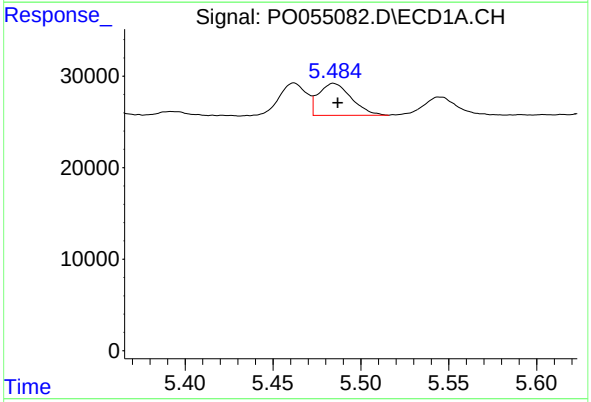
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 38132
Conc: 21.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



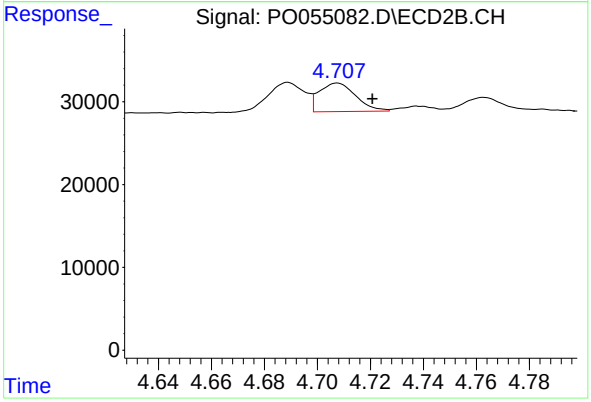
#3 AR-1016-1

R.T.: 4.708 min
Delta R.T.: 0.007 min
Response: 32899
Conc: 20.80 ng/ml



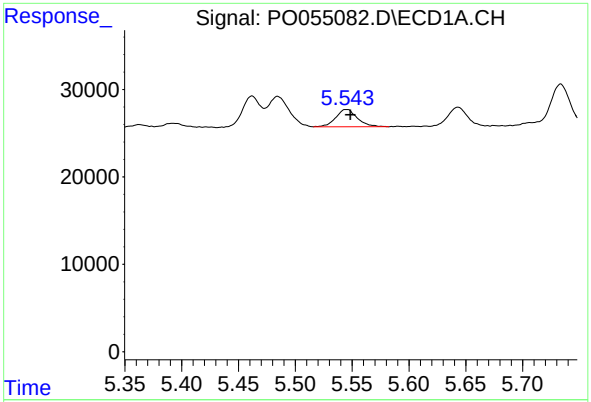
#4 AR-1016-2

R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 45469
Conc: 18.31 ng/ml



#4 AR-1016-2

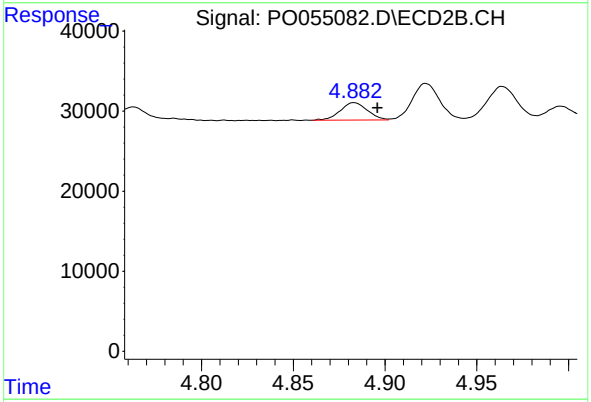
R.T.: 4.708 min
Delta R.T.: -0.013 min
Response: 32899
Conc: 15.35 ng/ml



#5 AR-1016-3

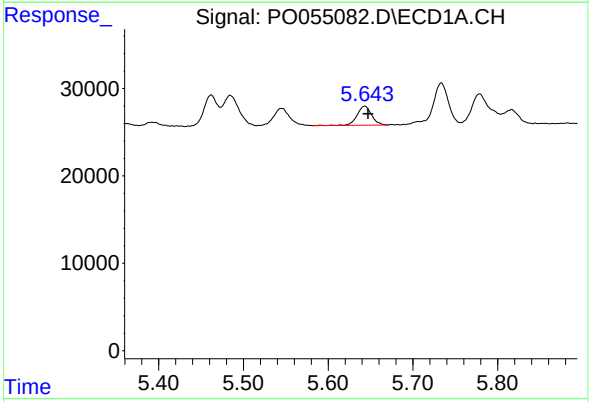
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 26366
Conc: 16.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



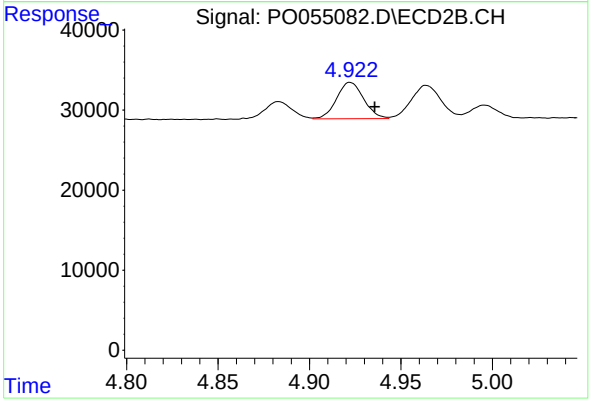
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 22417
Conc: 18.55 ng/ml



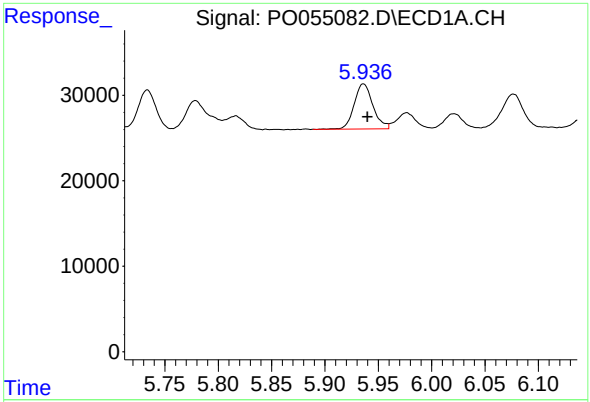
#6 AR-1016-4

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 26236
Conc: 20.13 ng/ml



#6 AR-1016-4

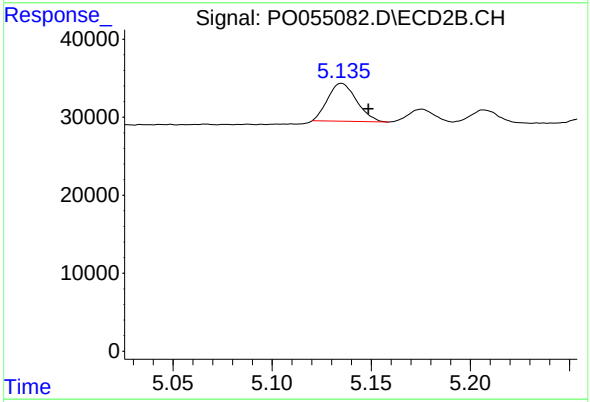
R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 46893
Conc: 46.40 ng/ml



#7 AR-1016-5

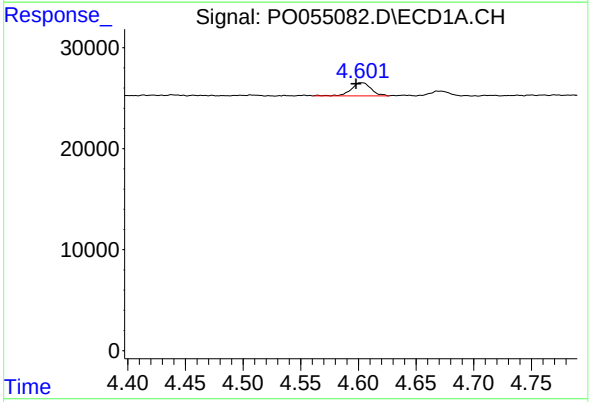
R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 64720
Conc: 48.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



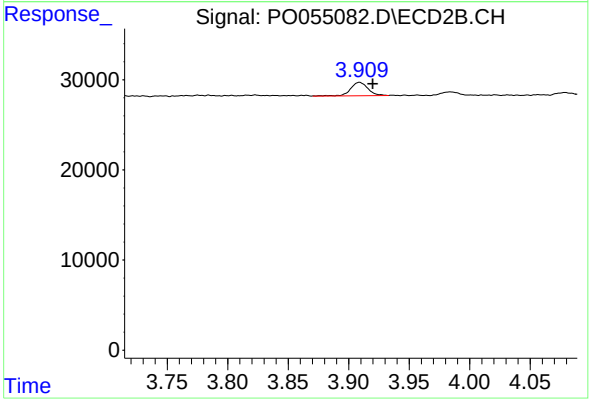
#7 AR-1016-5

R.T.: 5.135 min
Delta R.T.: -0.014 min
Response: 49138
Conc: 37.70 ng/ml



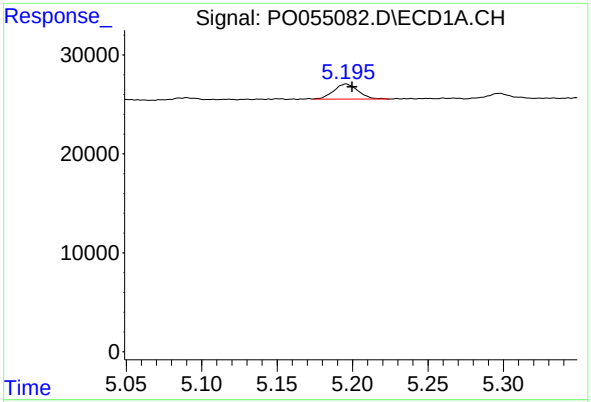
#9 AR-1221-2

R.T.: 4.602 min
Delta R.T.: 0.004 min
Response: 15635
Conc: 46.10 ng/ml



#9 AR-1221-2

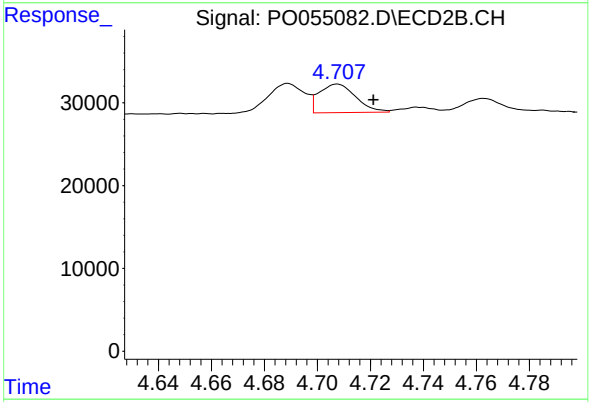
R.T.: 3.909 min
Delta R.T.: -0.011 min
Response: 14844
Conc: 49.52 ng/ml



#12 AR-1232-2

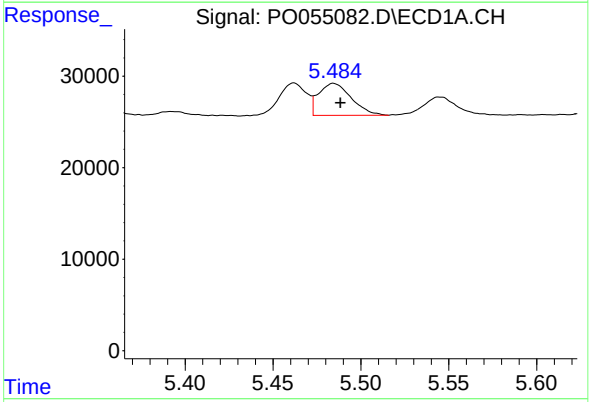
R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 17291
Conc: 35.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



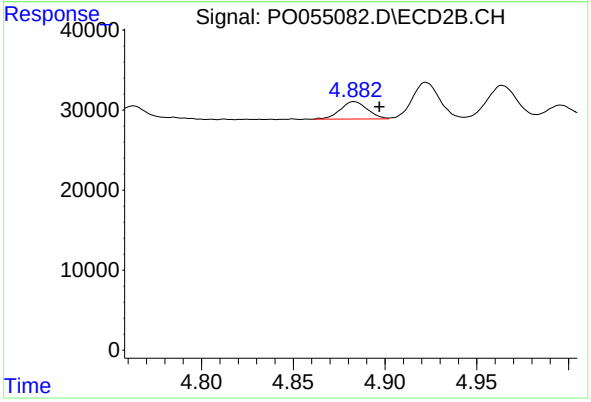
#12 AR-1232-2

R.T.: 4.708 min
Delta R.T.: -0.013 min
Response: 32899
Conc: 38.21 ng/ml



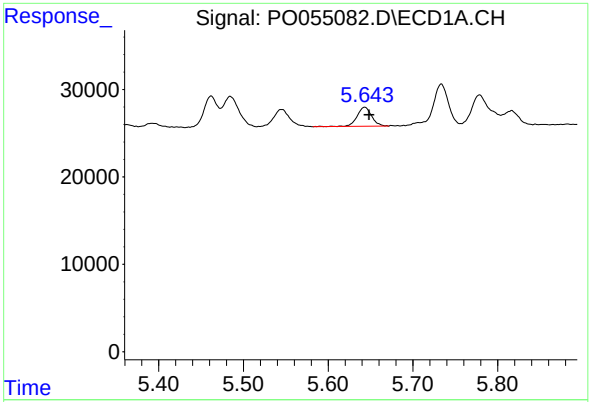
#13 AR-1232-3

R.T.: 5.484 min
Delta R.T.: -0.004 min
Response: 45469
Conc: 46.52 ng/ml



#13 AR-1232-3

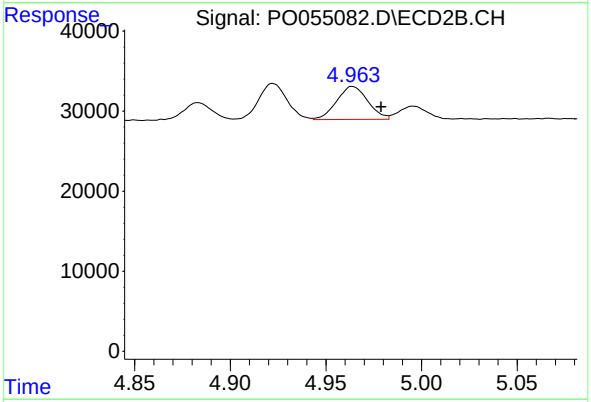
R.T.: 4.883 min
Delta R.T.: -0.014 min
Response: 22417
Conc: 46.26 ng/ml



#14 AR-1232-4

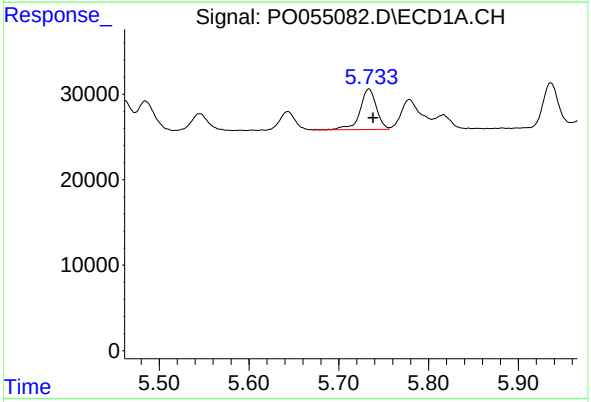
R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 26236
Conc: 51.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



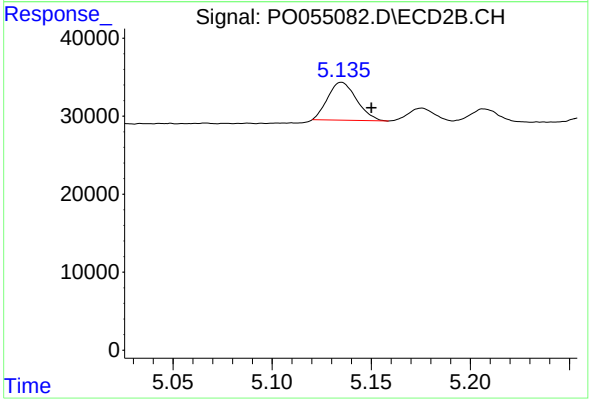
#14 AR-1232-4

R.T.: 4.964 min
Delta R.T.: -0.015 min
Response: 46818
Conc: 106.55 ng/ml



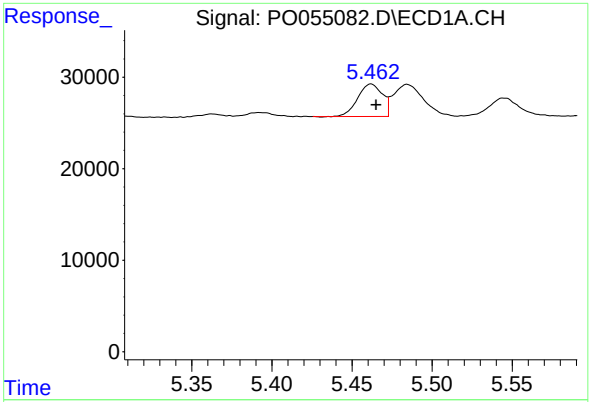
#15 AR-1232-5

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 60494
Conc: 145.42 ng/ml



#15 AR-1232-5

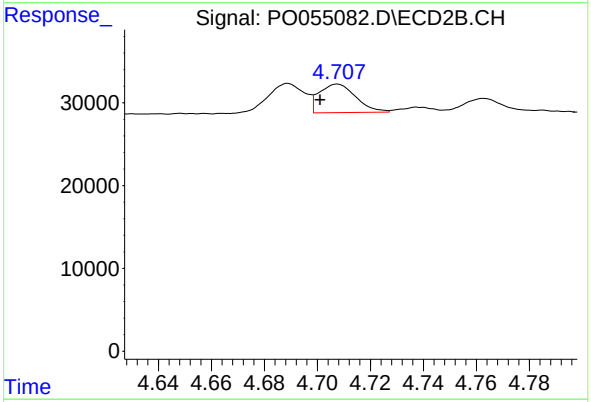
R.T.: 5.135 min
Delta R.T.: -0.015 min
Response: 49138
Conc: 101.03 ng/ml



#16 AR-1242-1

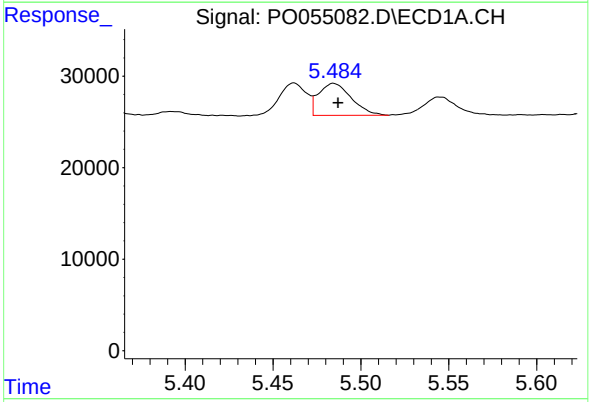
R.T.: 5.462 min
Delta R.T.: -0.003 min
Response: 38132
Conc: 27.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



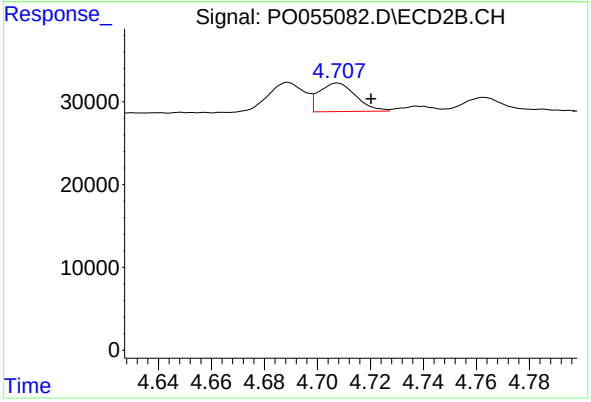
#16 AR-1242-1

R.T.: 4.708 min
Delta R.T.: 0.007 min
Response: 32899
Conc: 26.80 ng/ml



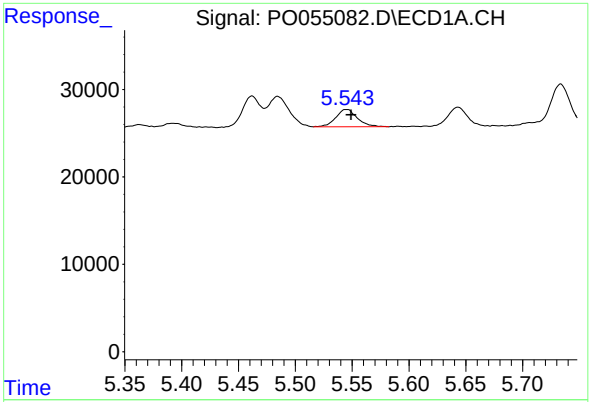
#17 AR-1242-2

R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 45469
Conc: 23.76 ng/ml



#17 AR-1242-2

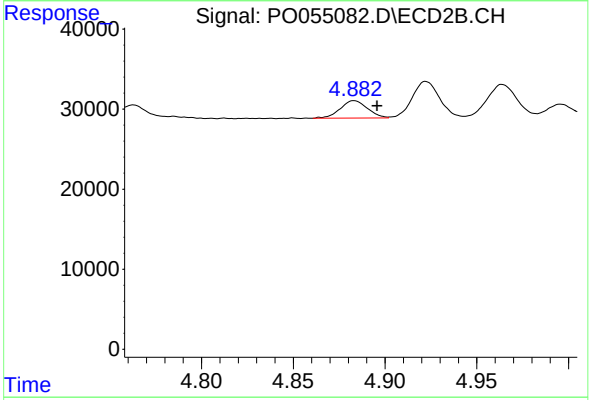
R.T.: 4.708 min
Delta R.T.: -0.013 min
Response: 32899
Conc: 19.85 ng/ml



#18 AR-1242-3

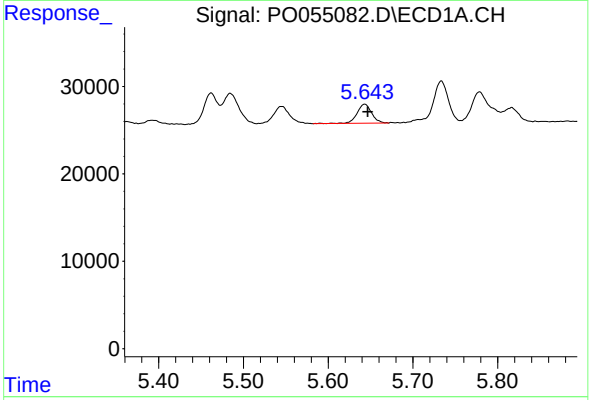
R.T.: 5.544 min
Delta R.T.: -0.005 min
Response: 26366
Conc: 21.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



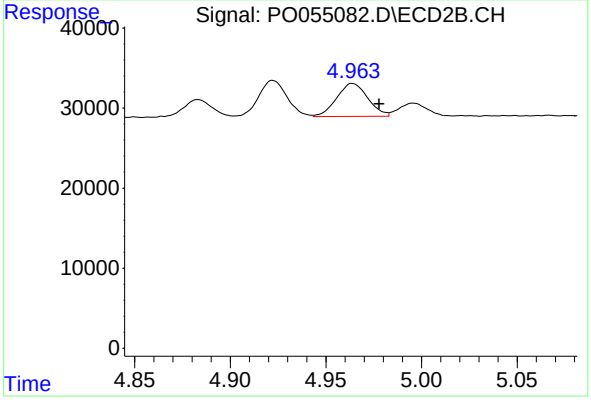
#18 AR-1242-3

R.T.: 4.883 min
Delta R.T.: -0.013 min
Response: 22417
Conc: 23.66 ng/ml



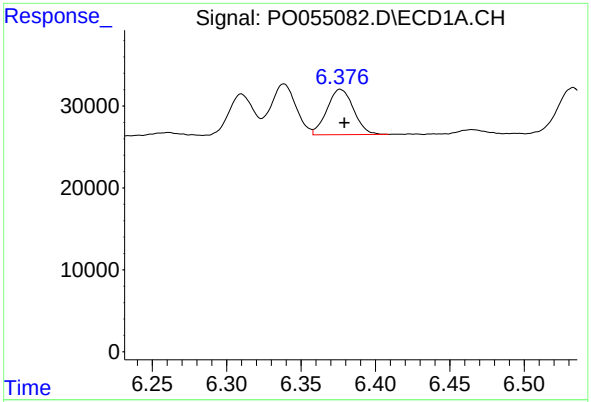
#19 AR-1242-4

R.T.: 5.643 min
Delta R.T.: -0.004 min
Response: 26236
Conc: 25.73 ng/ml



#19 AR-1242-4

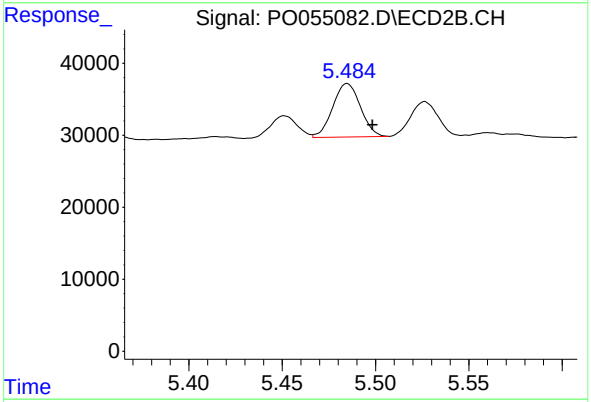
R.T.: 4.964 min
Delta R.T.: -0.014 min
Response: 46818
Conc: 48.99 ng/ml



#20 AR-1242-5

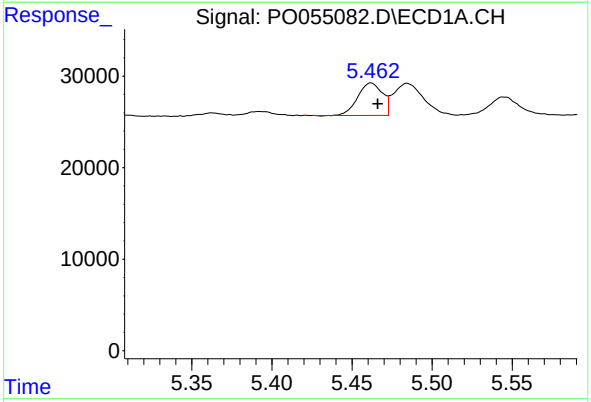
R.T.: 6.376 min
Delta R.T.: -0.003 min
Response: 68572
Conc: 56.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



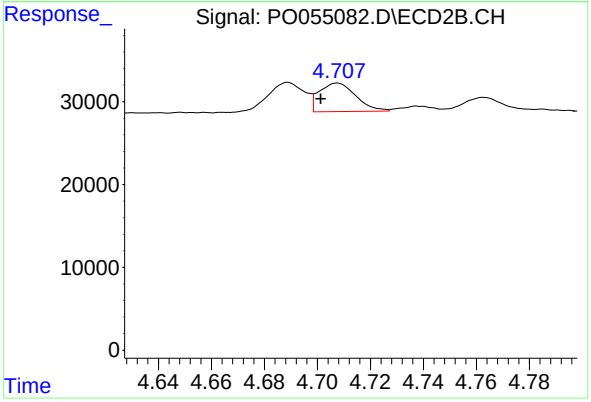
#20 AR-1242-5

R.T.: 5.485 min
Delta R.T.: -0.013 min
Response: 76971
Conc: 62.58 ng/ml



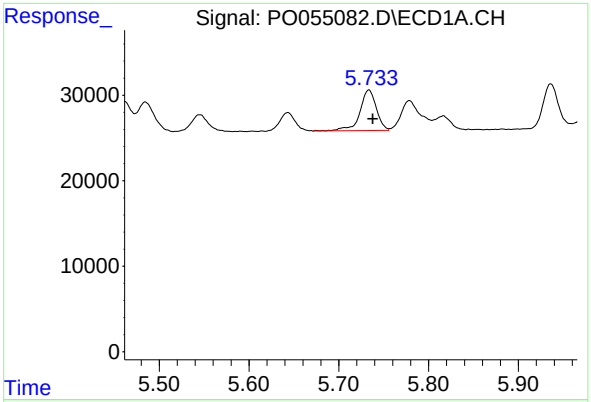
#21 AR-1248-1

R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 38132
Conc: 38.14 ng/ml



#21 AR-1248-1

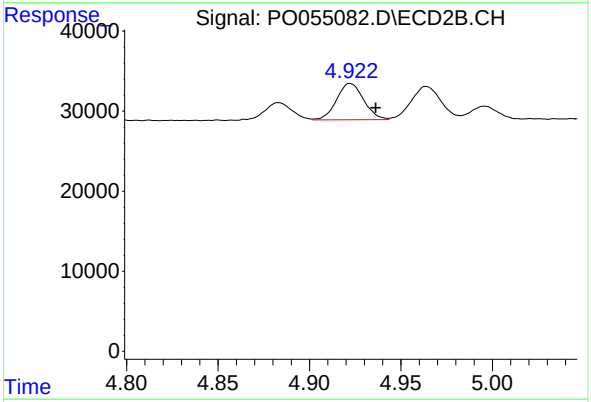
R.T.: 4.708 min
Delta R.T.: 0.006 min
Response: 32899
Conc: 37.48 ng/ml



#22 AR-1248-2

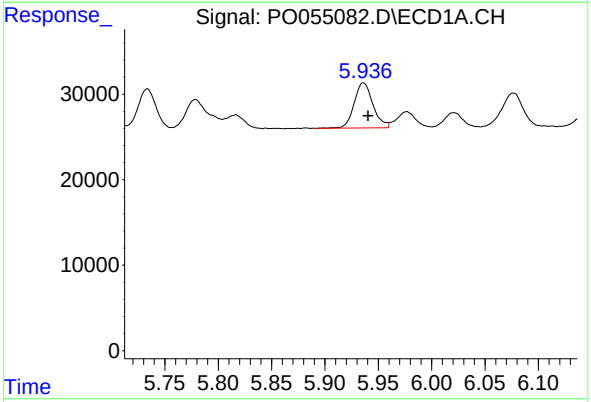
R.T.: 5.734 min
Delta R.T.: -0.004 min
Response: 60494
Conc: 41.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



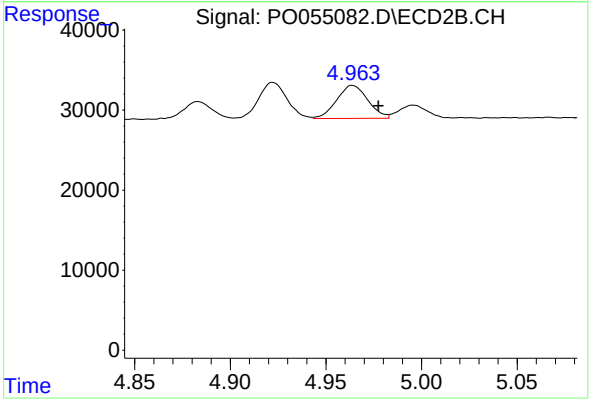
#22 AR-1248-2

R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 46893
Conc: 38.80 ng/ml



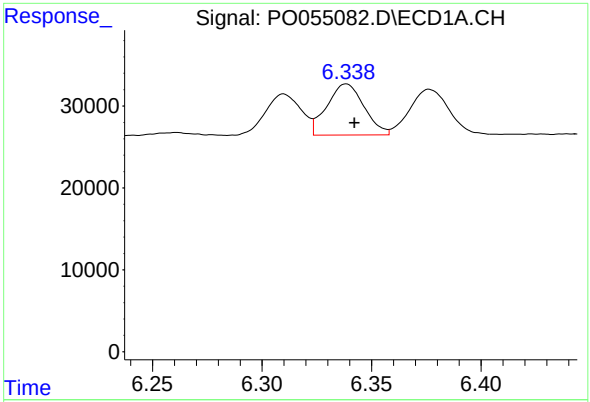
#23 AR-1248-3

R.T.: 5.936 min
Delta R.T.: -0.005 min
Response: 64720
Conc: 40.52 ng/ml



#23 AR-1248-3

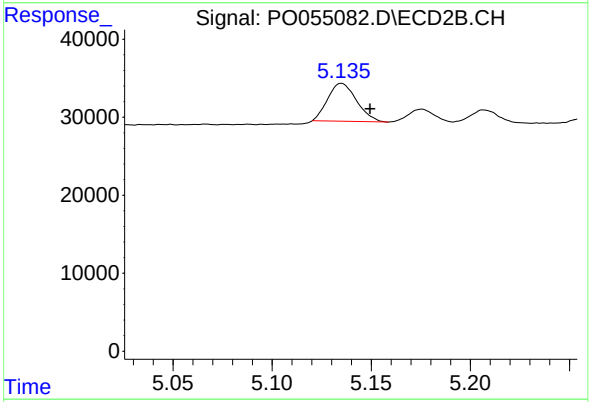
R.T.: 4.964 min
Delta R.T.: -0.014 min
Response: 46818
Conc: 37.52 ng/ml



#24 AR-1248-4

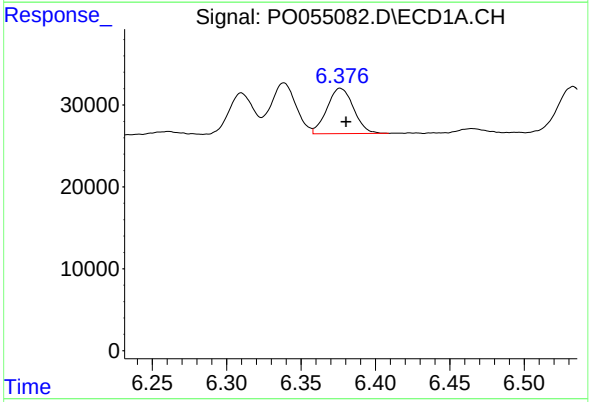
R.T.: 6.339 min
Delta R.T.: -0.004 min
Response: 73478
Conc: 39.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



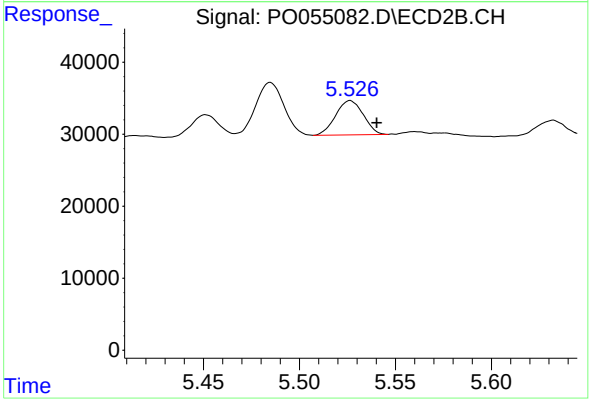
#24 AR-1248-4

R.T.: 5.135 min
Delta R.T.: -0.014 min
Response: 49138
Conc: 32.26 ng/ml



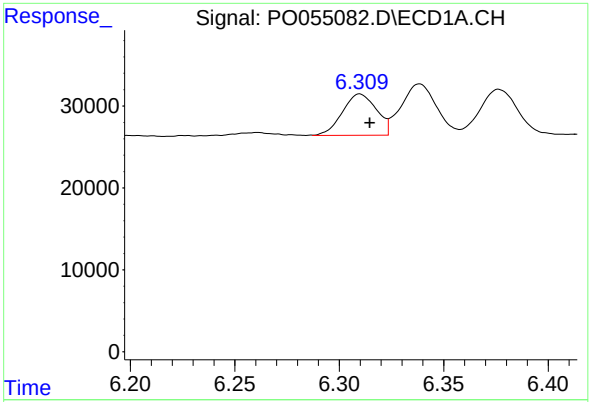
#25 AR-1248-5

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 68572
Conc: 38.25 ng/ml



#25 AR-1248-5

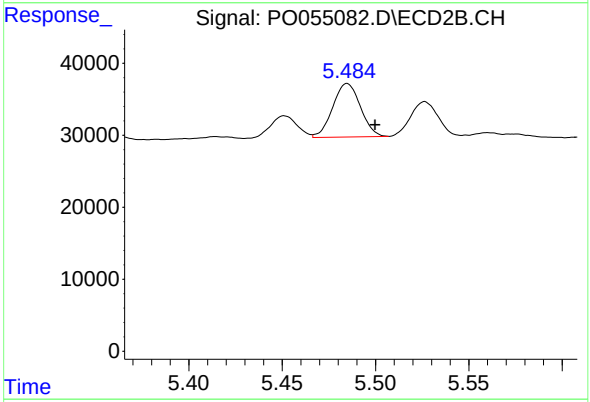
R.T.: 5.526 min
Delta R.T.: -0.014 min
Response: 47900
Conc: 32.13 ng/ml



#26 AR-1254-1

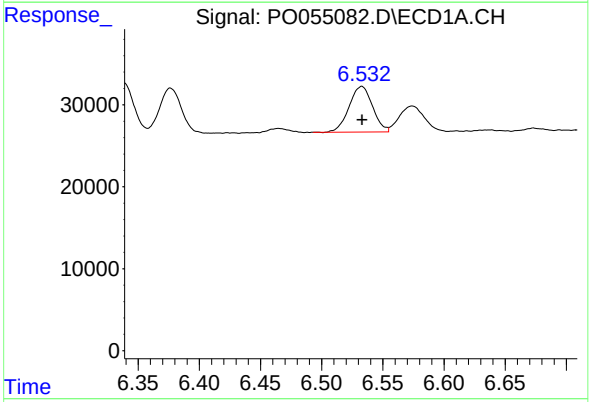
R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 57057
Conc: 31.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



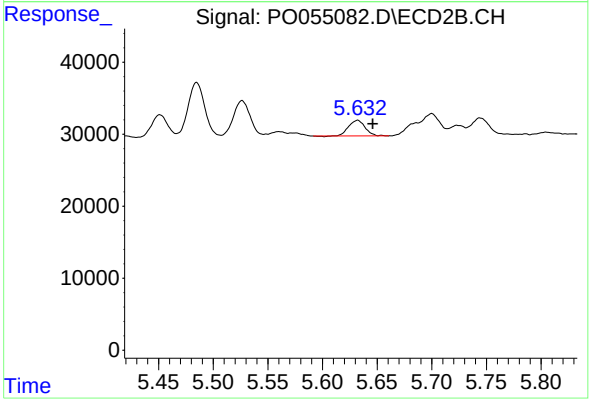
#26 AR-1254-1

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 76971
Conc: 35.22 ng/ml



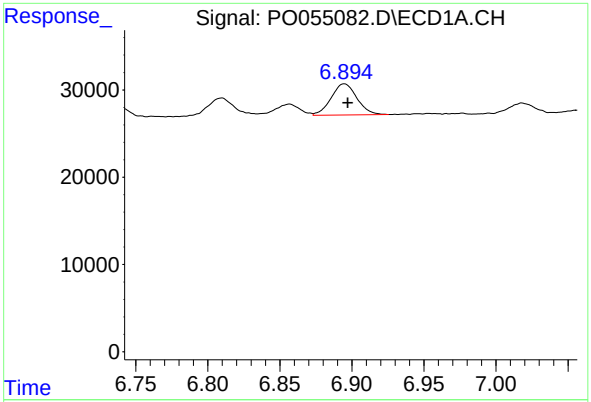
#27 AR-1254-2

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 74470
Conc: 26.09 ng/ml



#27 AR-1254-2

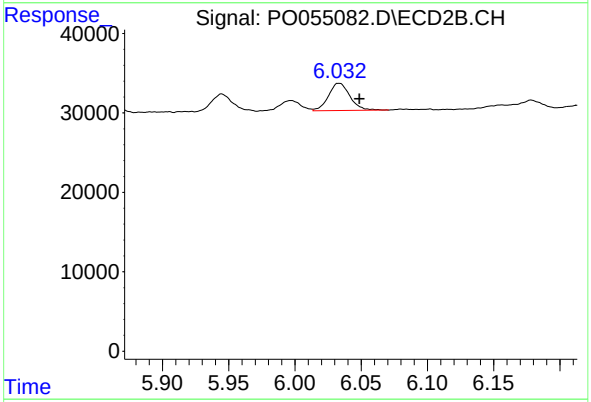
R.T.: 5.632 min
Delta R.T.: -0.014 min
Response: 22948
Conc: 11.84 ng/ml



#28 AR-1254-3

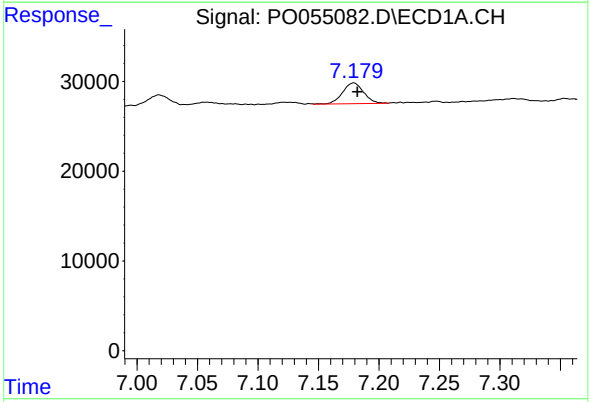
R.T.: 6.895 min
Delta R.T.: -0.002 min
Response: 44499
Conc: 14.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



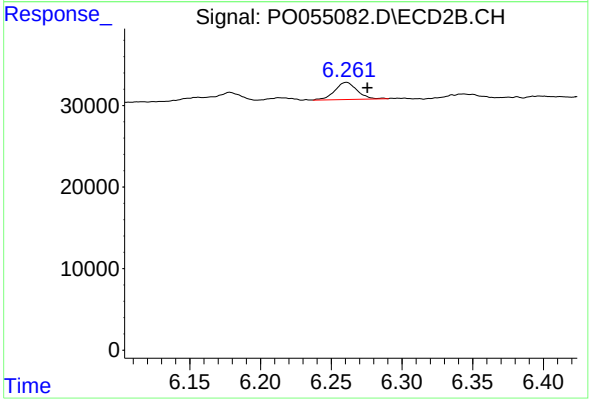
#28 AR-1254-3

R.T.: 6.033 min
Delta R.T.: -0.015 min
Response: 38849
Conc: 12.12 ng/ml



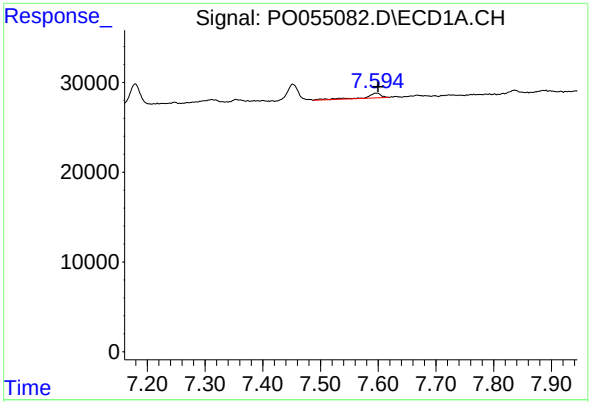
#29 AR-1254-4

R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 27976
Conc: 11.44 ng/ml



#29 AR-1254-4

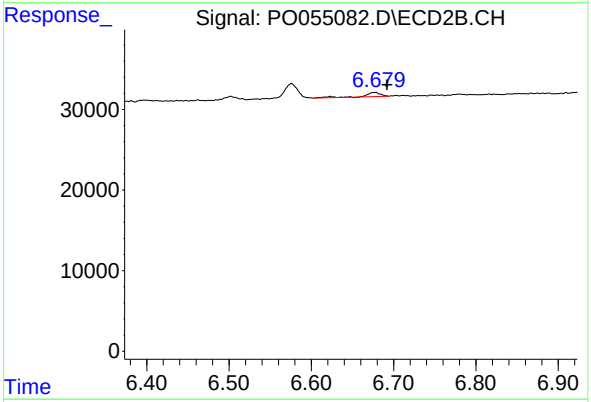
R.T.: 6.261 min
Delta R.T.: -0.015 min
Response: 23083
Conc: 11.79 ng/ml



#30 AR-1254-5

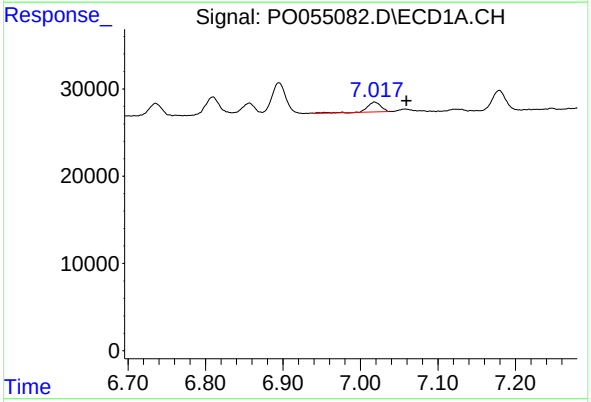
R.T.: 7.596 min
Delta R.T.: -0.003 min
Response: 9879
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



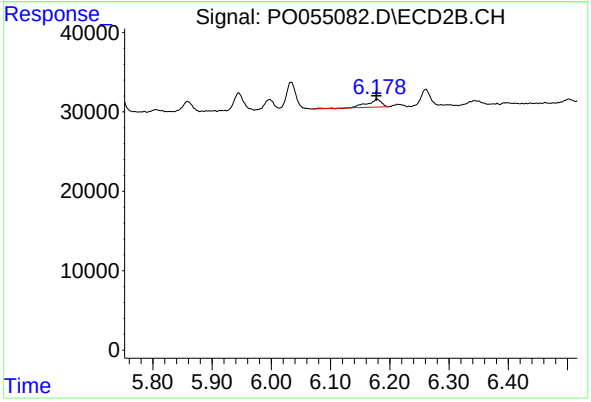
#30 AR-1254-5

R.T.: 6.678 min
Delta R.T.: -0.014 min
Response: 6507
Conc: 2.26 ng/ml



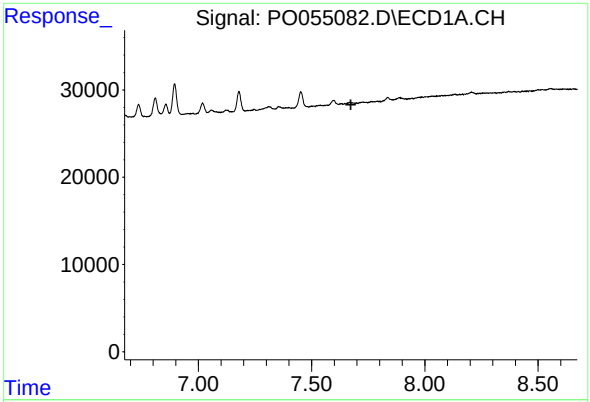
#31 AR-1260-1

R.T.: 7.018 min
Delta R.T.: -0.041 min
Response: 14083
Conc: 5.60 ng/ml



#31 AR-1260-1

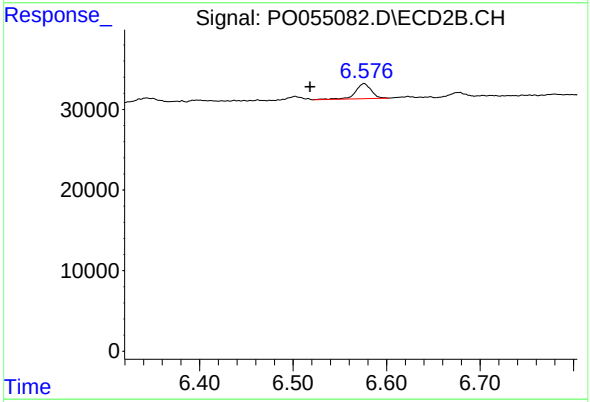
R.T.: 6.178 min
Delta R.T.: 0.001 min
Response: 16834
Conc: 7.33 ng/ml



#33 AR-1260-3

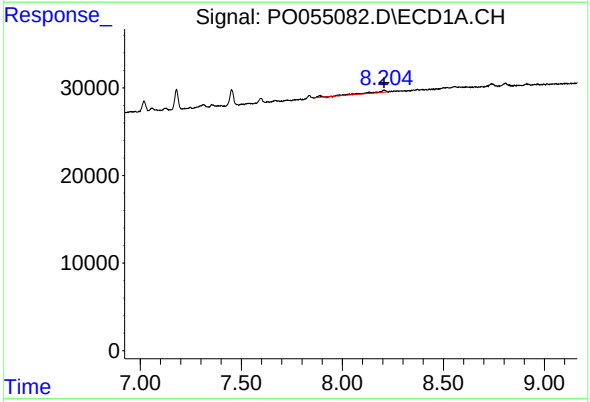
R.T.: 0.000 min
Exp R.T. : 7.674 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



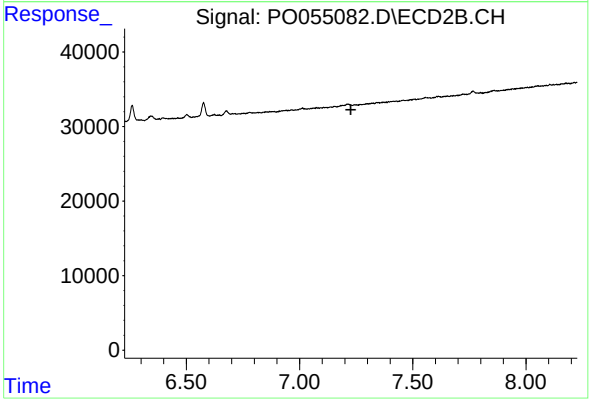
#33 AR-1260-3

R.T.: 6.576 min
Delta R.T.: 0.058 min
Response: 21658
Conc: 8.40 ng/ml



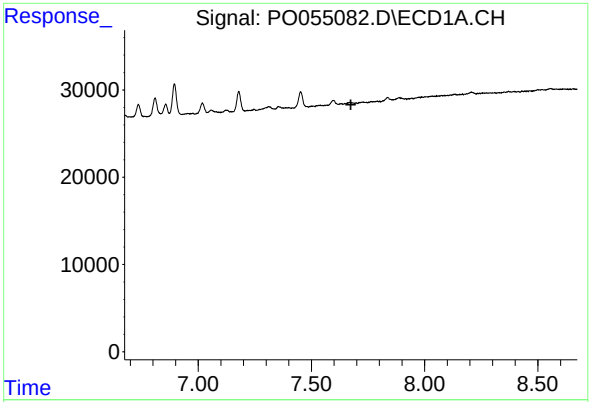
#35 AR-1260-5

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 14615
Conc: 2.63 ng/ml



#35 AR-1260-5

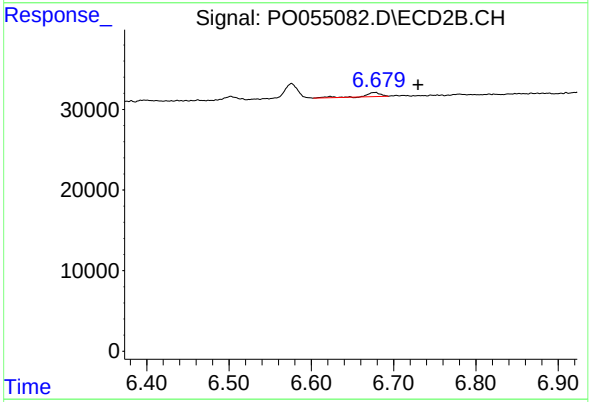
R.T.: 0.000 min
Exp R.T. : 7.227 min
Response: 0
Conc: N.D.



#36 AR-1262-1

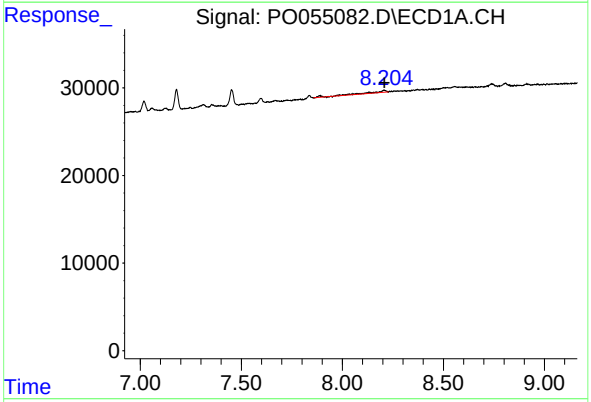
R.T.: 0.000 min
Exp R.T. : 7.675 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



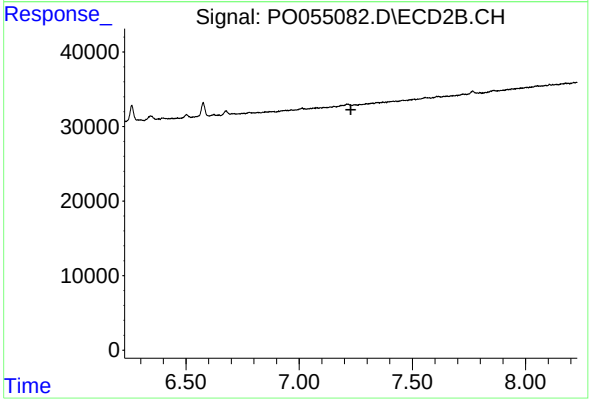
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: -0.052 min
Response: 6507
Conc: 2.19 ng/ml



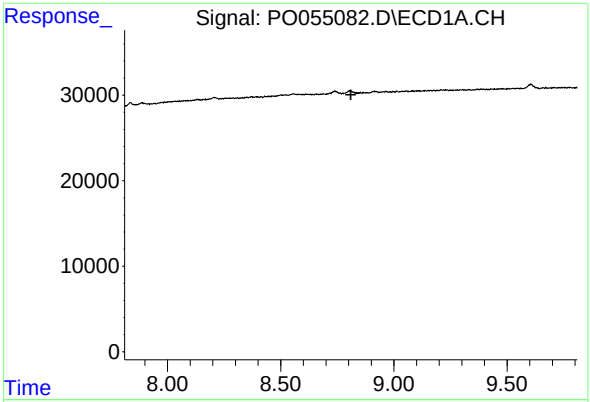
#37 AR-1262-2

R.T.: 8.205 min
Delta R.T.: -0.003 min
Response: 14615
Conc: 2.47 ng/ml



#37 AR-1262-2

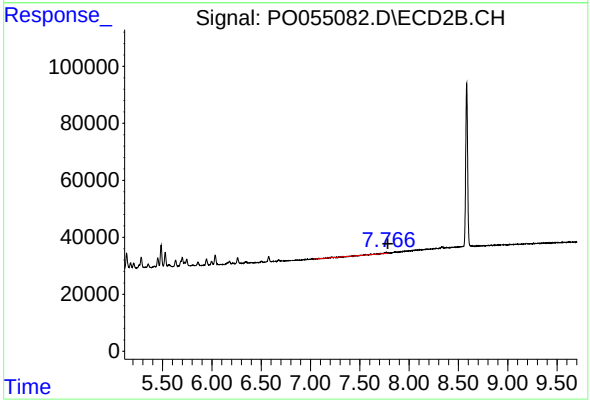
R.T.: 0.000 min
Exp R.T. : 7.229 min
Response: 0
Conc: N.D.



#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT1-2019



#43 AR-1268-3

R.T.: 7.766 min
Delta R.T.: -0.016 min
Response: 5140
Conc: 1.19 ng/ml