

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
 Data File : PO062137.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Oct 2019 12:16
 Operator : HP/AJ
 Sample : K5111-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 02:45:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 12 06:25:38 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...	4.328	3.482	801674	590011	12.962	13.759
2)	SA Decachlor...	9.960	8.337	782348	418586	13.982	14.266
Target Compounds							
3)	L1 AR-1016-1	5.490	4.528	77635	54792	32.803	35.030
4)	L1 AR-1016-2	5.512	4.545	109238	86511	32.070	37.194
5)	L1 AR-1016-3	5.573	4.714	63655	37399	30.760	30.257
6)	L1 AR-1016-4	5.671	4.757	51490	28558	30.379	29.060
7)	L1 AR-1016-5	5.962	4.962	44480	49039	25.013	38.028 #
10)	L2 AR-1221-3	0.000	3.844	0	24767	N.D.	21.046 #
11)	L3 AR-1232-1	0.000	3.844	0	24767	N.D.	15.984 #
12)	L3 AR-1232-2	5.223	4.545	47816	86511	40.077	50.109 #
13)	L3 AR-1232-3	5.512	4.714	109238	37399	42.701	40.916
14)	L3 AR-1232-4	5.671	4.796	51490	28819	40.055	35.425
15)	L3 AR-1232-5	5.760	4.962	46684	49039	47.168	55.526
16)	L4 AR-1242-1	5.490	4.528	77635	54792	41.897	45.560
17)	L4 AR-1242-2	5.512	4.545	109238	86511	41.180	48.567
18)	L4 AR-1242-3	5.573	4.714	63655	37399	38.978	39.283
19)	L4 AR-1242-4	5.671	4.796	51490	28819	38.142	30.527
20)	L4 AR-1242-5	6.338	5.304	56415	25300	36.910	21.202 #
21)	L5 AR-1248-1	5.490	4.528	77635	54792	54.167	55.811
22)	L5 AR-1248-2	5.760	4.757	46684	28558	23.317	22.541
23)	L5 AR-1248-3	5.962	4.796	44480	28819	20.140	21.710
24)	L5 AR-1248-4	6.338	4.962	56415	49039	22.083	30.991 #
25)	L5 AR-1248-5	6.338	5.304	56415	25300	23.072	16.439 #
26)	L6 AR-1254-1	6.338	5.304	56415	25300	21.164	10.344 #
27)	L6 AR-1254-2	6.554	5.448	43412	28734	10.618	13.567 #
28)	L6 AR-1254-3	6.975	5.856	57019	47618	13.627	14.615
30)	L6 AR-1254-5	7.620	6.474	107423	83240	34.278	31.516
31)	L7 AR-1260-1	7.081	5.968	97942	74229	34.400	34.936
32)	L7 AR-1260-2	7.337	6.154	120868	95949	35.233	37.811
33)	L7 AR-1260-3	7.694	6.303	79439	74960	30.021	33.196
34)	L7 AR-1260-4	7.919	6.765	101740	57332	36.374	32.652
35)	L7 AR-1260-5	8.231	7.007	171256	120671	32.710	33.497
36)	L8 AR-1262-1	7.694	6.564	79439	32642	19.352	27.389 #
37)	L8 AR-1262-2	8.231	7.007	171256	120671	26.559	28.719
38)	L8 AR-1262-3	8.546	7.284	104188	31596	23.693	17.965
39)	L8 AR-1262-4	8.546	7.347	104188	88849	30.156	29.063
40)	L8 AR-1262-5	9.249	7.837	53938	30356	23.880	23.243
41)	L9 AR-1268-1	8.546	7.284	104188	31596	13.763	6.747 #
42)	L9 AR-1268-2	0.000	7.347	0	88849	N.D.	21.267 #
44)	L9 AR-1268-4	9.249	7.837	53938	30356	22.701	21.305

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : PO062137.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 12:16
Operator : HP/AJ
Sample : K5111-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:45:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 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
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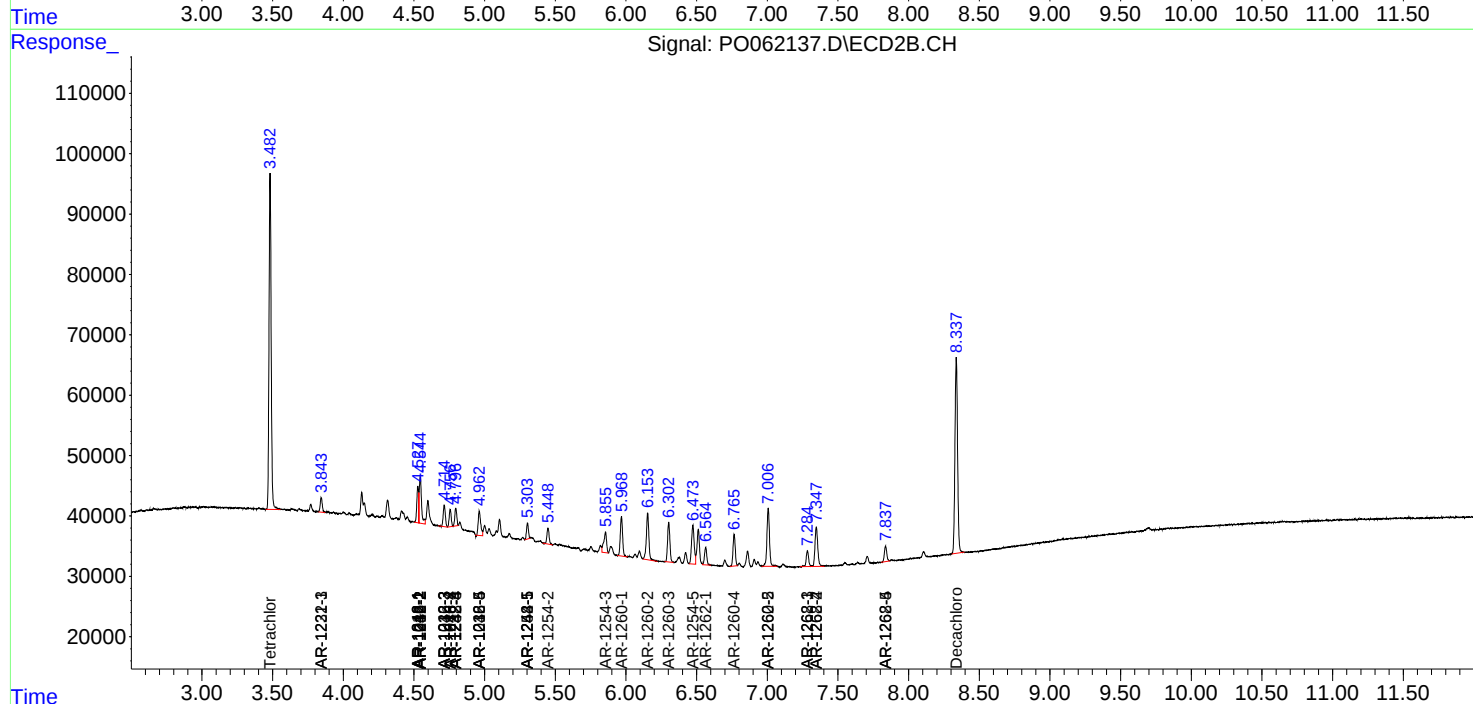
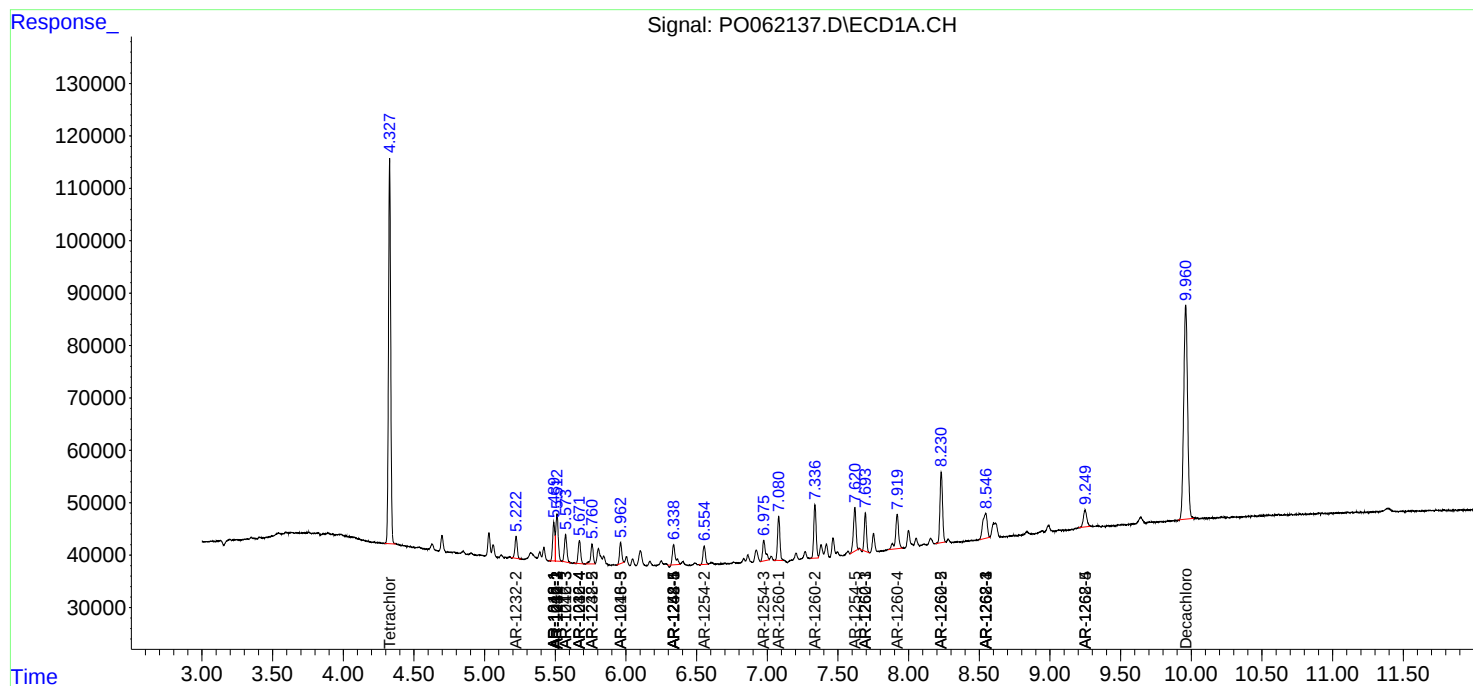
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

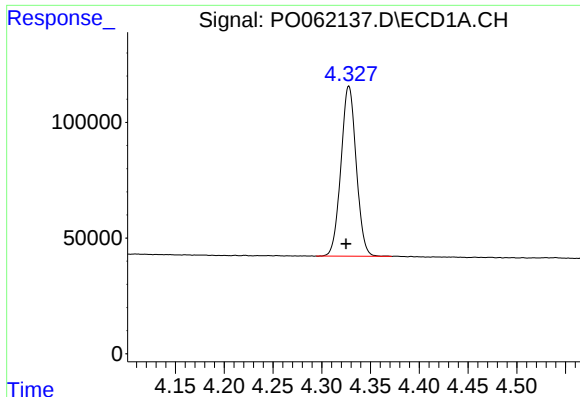
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : P0062137.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 12:16
Operator : HP/AJ
Sample : K5111-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:45:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 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

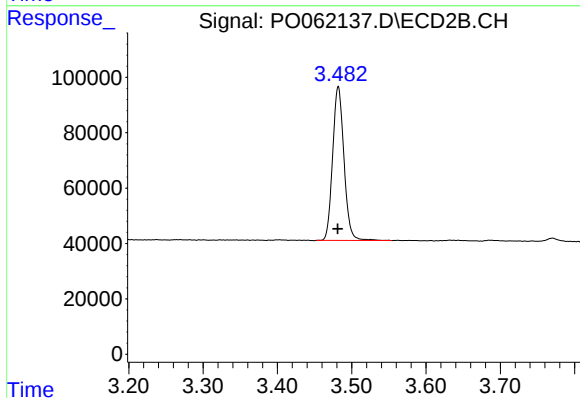




#1 Tetrachloro-m-xylene

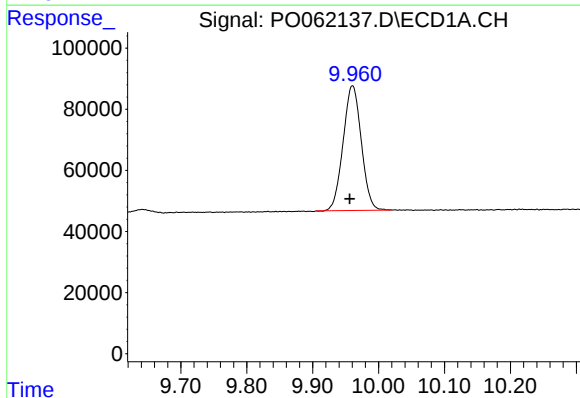
R.T.: 4.328 min
Delta R.T.: 0.003 min
Response: 801674
Conc: 12.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



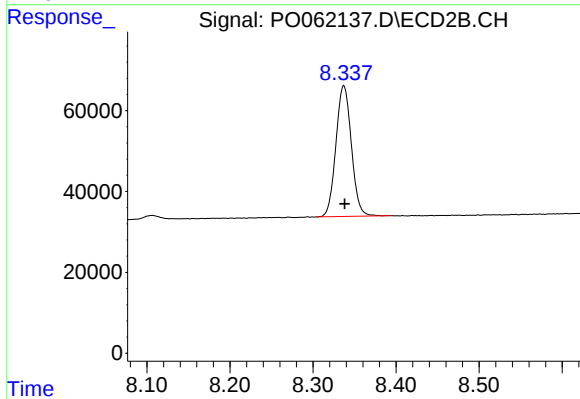
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 590011
Conc: 13.76 ng/ml



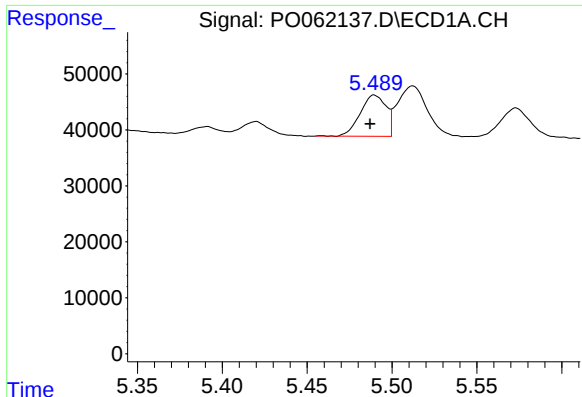
#2 Decachlorobiphenyl

R.T.: 9.960 min
Delta R.T.: 0.004 min
Response: 782348
Conc: 13.98 ng/ml



#2 Decachlorobiphenyl

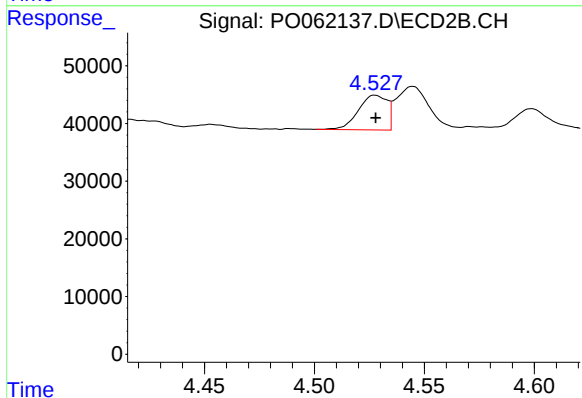
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 418586
Conc: 14.27 ng/ml



#3 AR-1016-1

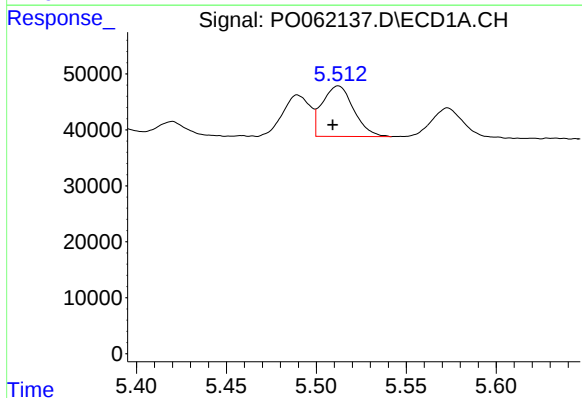
R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 77635
Conc: 32.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



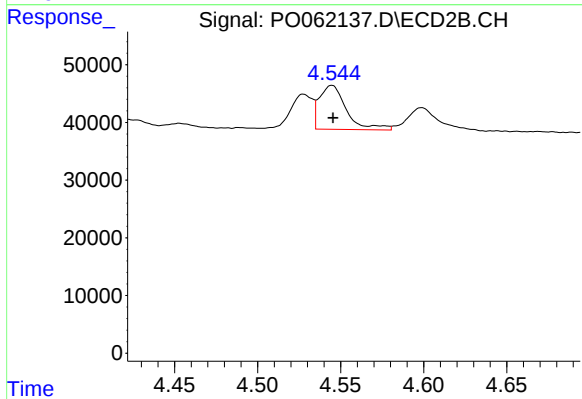
#3 AR-1016-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 54792
Conc: 35.03 ng/ml



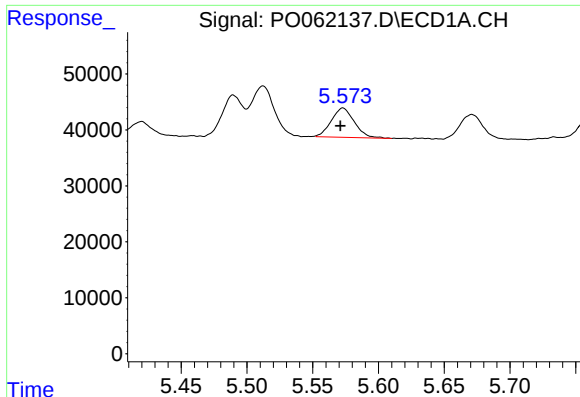
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 109238
Conc: 32.07 ng/ml



#4 AR-1016-2

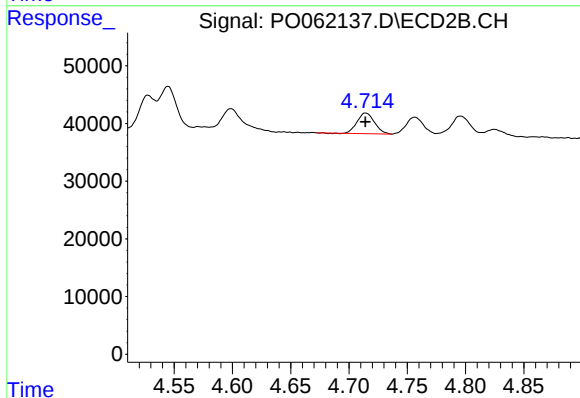
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 86511
Conc: 37.19 ng/ml



#5 AR-1016-3

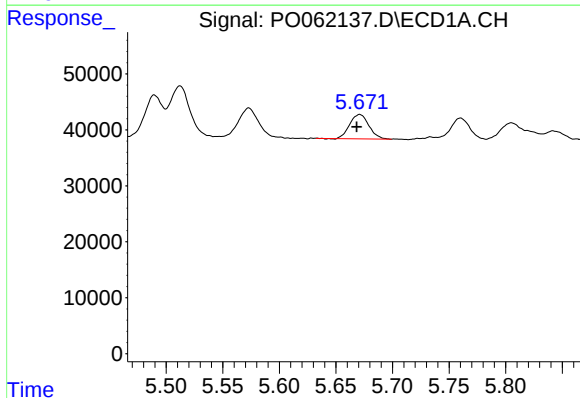
R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 63655
Conc: 30.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



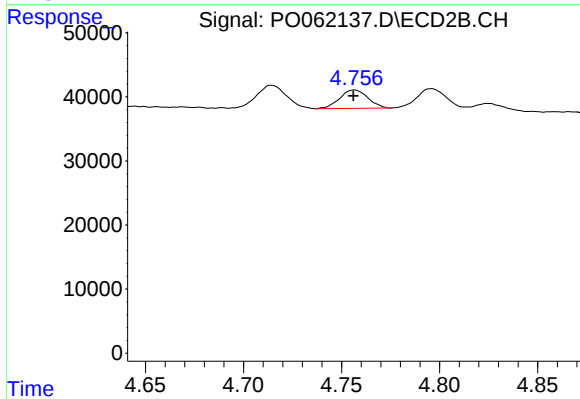
#5 AR-1016-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 37399
Conc: 30.26 ng/ml



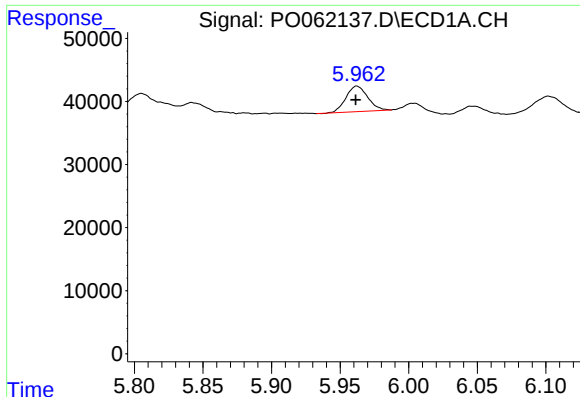
#6 AR-1016-4

R.T.: 5.671 min
Delta R.T.: 0.003 min
Response: 51490
Conc: 30.38 ng/ml



#6 AR-1016-4

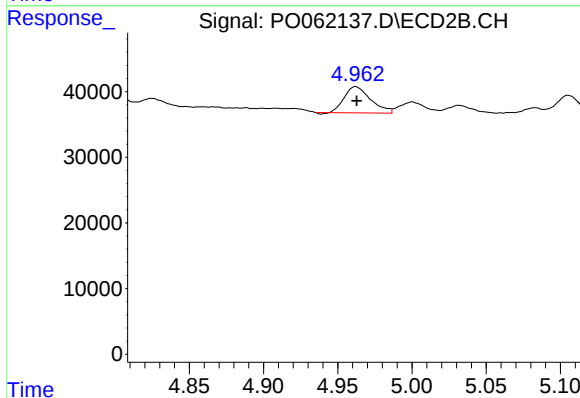
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 28558
Conc: 29.06 ng/ml



#7 AR-1016-5

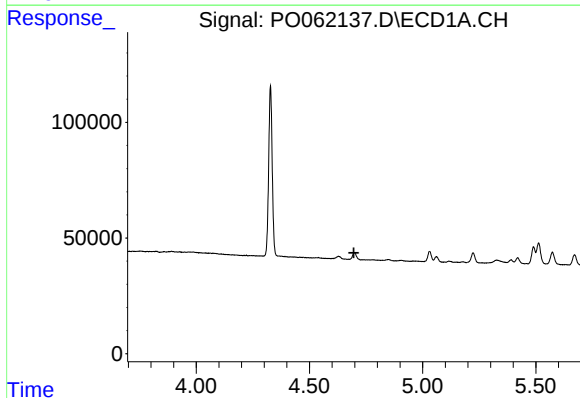
R.T.: 5.962 min
Delta R.T.: 0.001 min
Response: 44480
Conc: 25.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



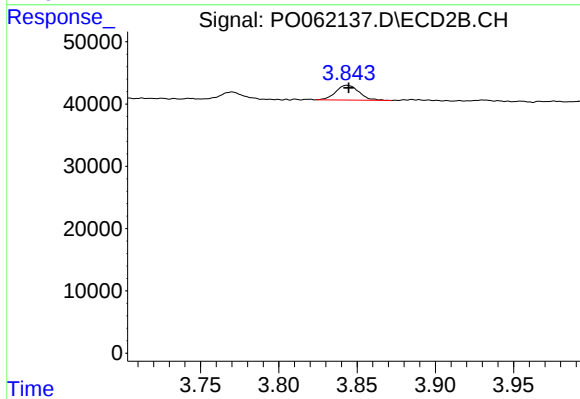
#7 AR-1016-5

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 49039
Conc: 38.03 ng/ml



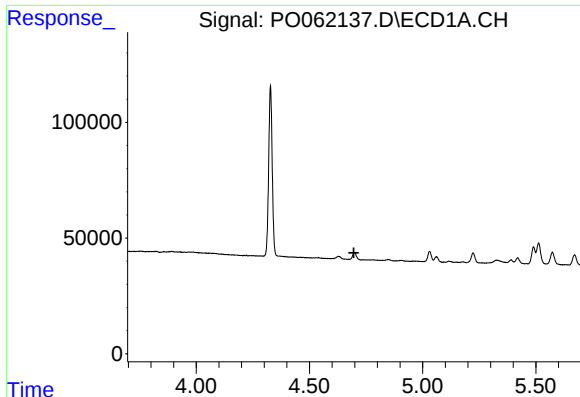
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.696 min
Response: 0
Conc: N.D.



#10 AR-1221-3

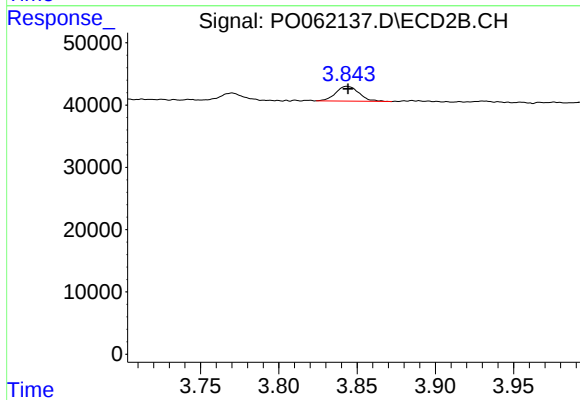
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 24767
Conc: 21.05 ng/ml



#11 AR-1232-1

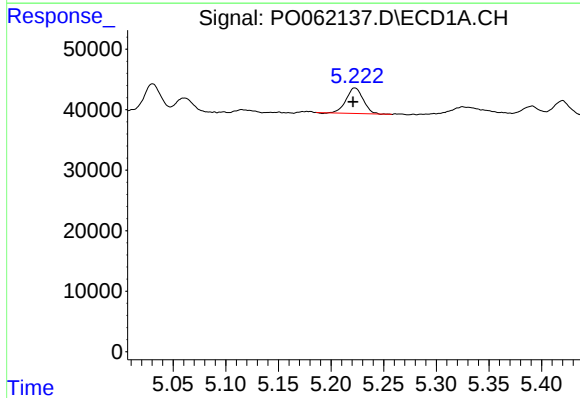
R.T.: 0.000 min
Exp R.T.: 4.696 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



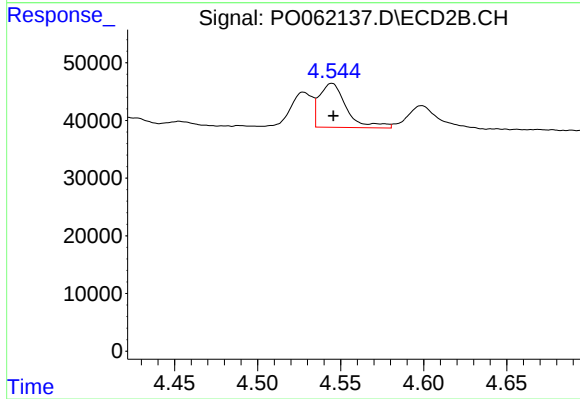
#11 AR-1232-1

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 24767
Conc: 15.98 ng/ml



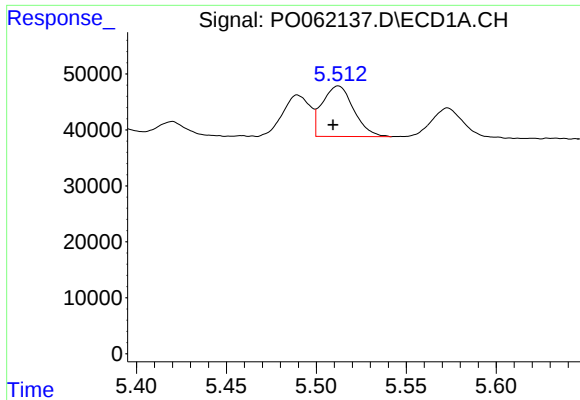
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: 0.002 min
Response: 47816
Conc: 40.08 ng/ml



#12 AR-1232-2

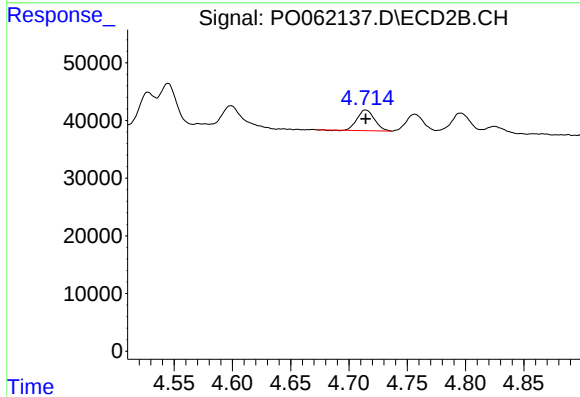
R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 86511
Conc: 50.11 ng/ml



#13 AR-1232-3

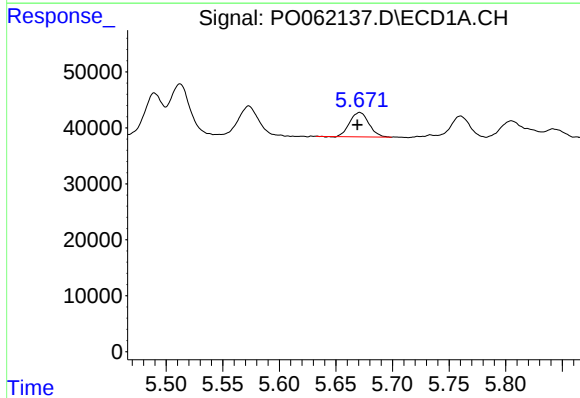
R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 109238
Conc: 42.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



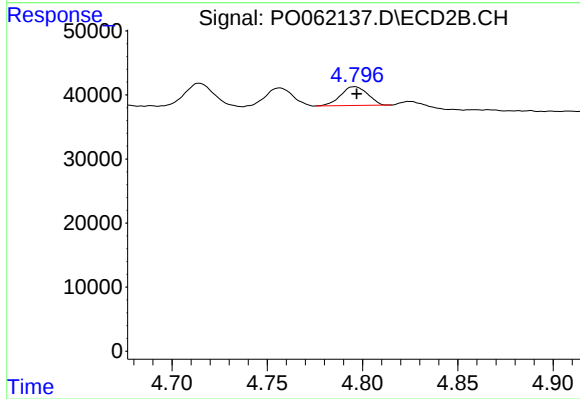
#13 AR-1232-3

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 37399
Conc: 40.92 ng/ml



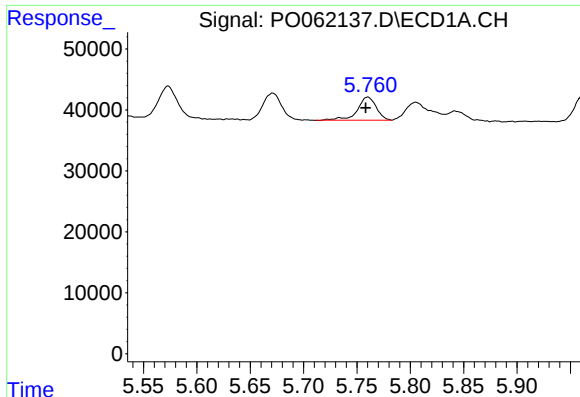
#14 AR-1232-4

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 51490
Conc: 40.06 ng/ml



#14 AR-1232-4

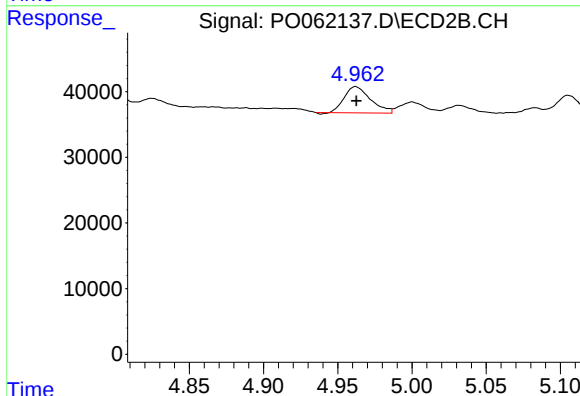
R.T.: 4.796 min
Delta R.T.: -0.001 min
Response: 28819
Conc: 35.42 ng/ml



#15 AR-1232-5

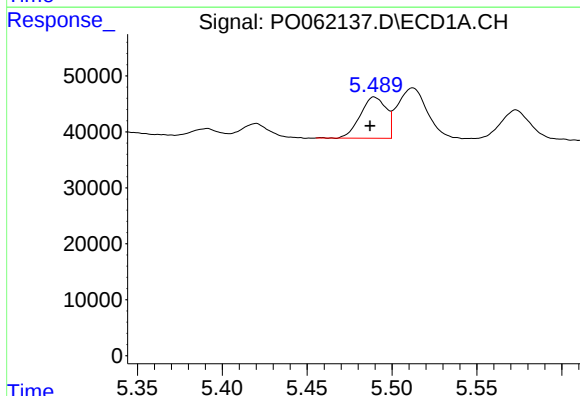
R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 46684
Conc: 47.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



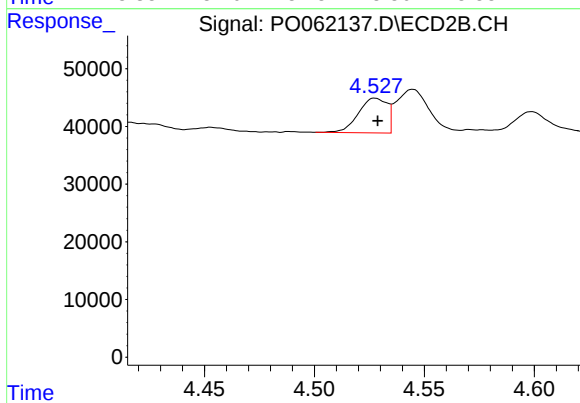
#15 AR-1232-5

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 49039
Conc: 55.53 ng/ml



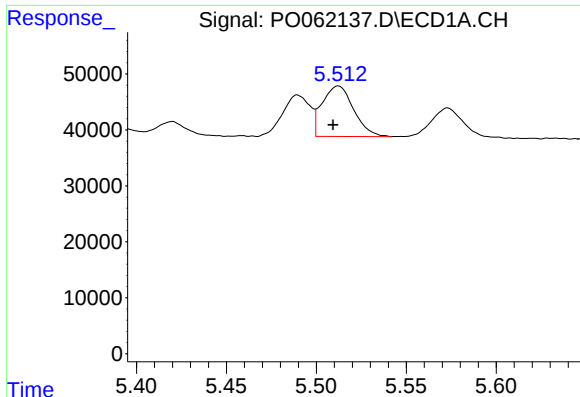
#16 AR-1242-1

R.T.: 5.490 min
Delta R.T.: 0.002 min
Response: 77635
Conc: 41.90 ng/ml



#16 AR-1242-1

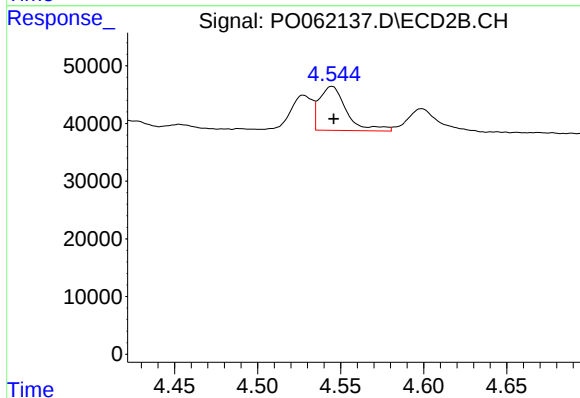
R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 54792
Conc: 45.56 ng/ml



#17 AR-1242-2

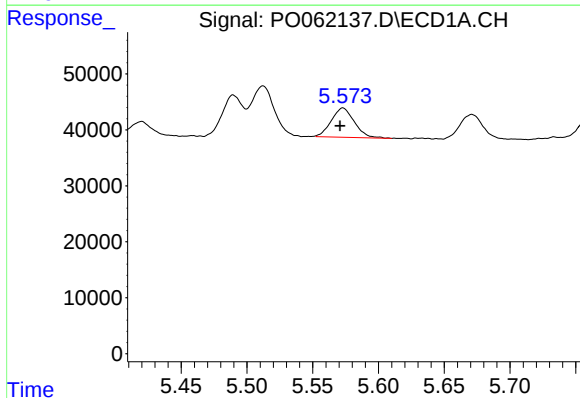
R.T.: 5.512 min
Delta R.T.: 0.003 min
Response: 109238
Conc: 41.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



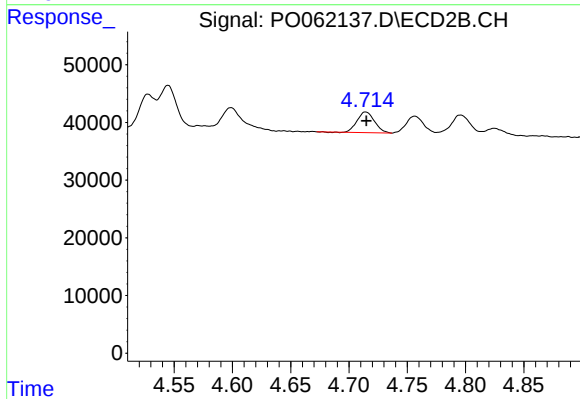
#17 AR-1242-2

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 86511
Conc: 48.57 ng/ml



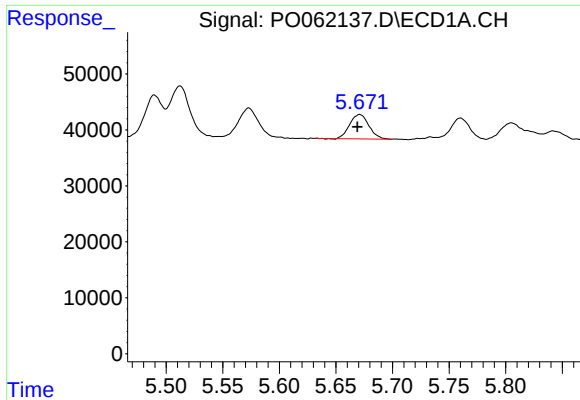
#18 AR-1242-3

R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 63655
Conc: 38.98 ng/ml



#18 AR-1242-3

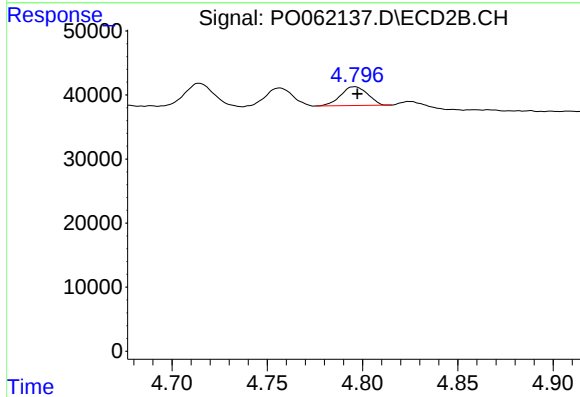
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 37399
Conc: 39.28 ng/ml



#19 AR-1242-4

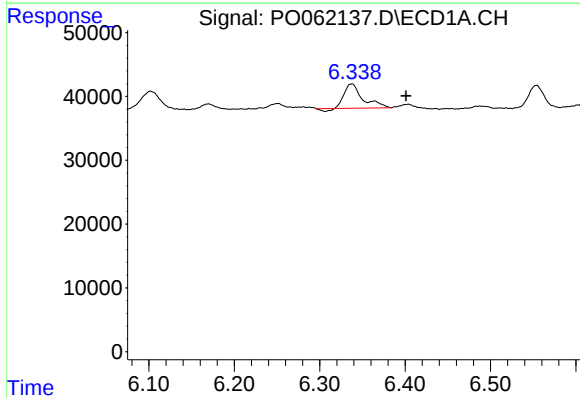
R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 51490
Conc: 38.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



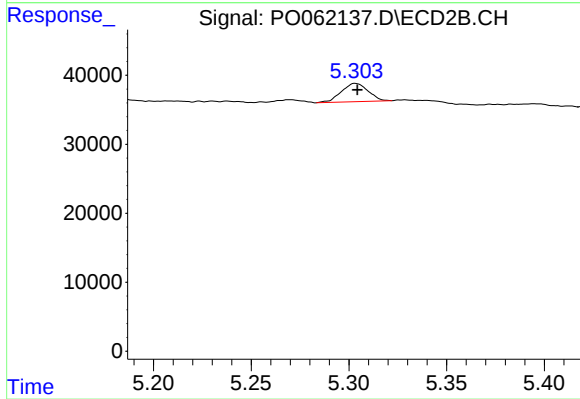
#19 AR-1242-4

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 28819
Conc: 30.53 ng/ml



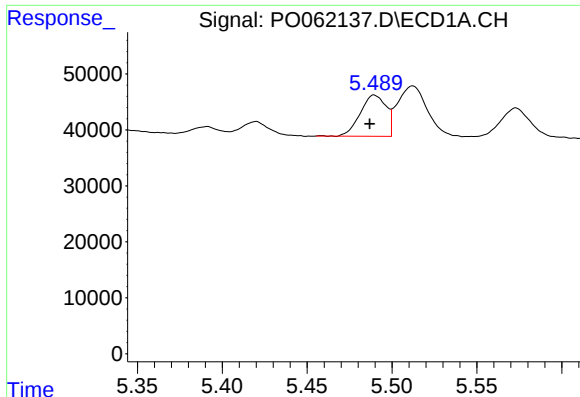
#20 AR-1242-5

R.T.: 6.338 min
Delta R.T.: -0.064 min
Response: 56415
Conc: 36.91 ng/ml



#20 AR-1242-5

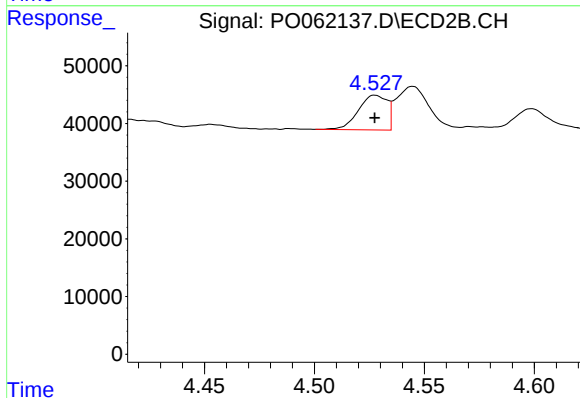
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 25300
Conc: 21.20 ng/ml



#21 AR-1248-1

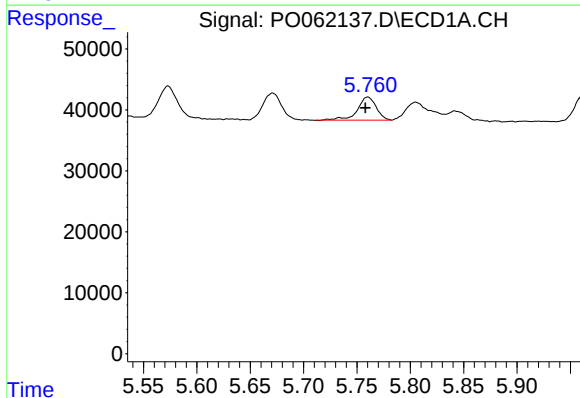
R.T.: 5.490 min
Delta R.T.: 0.003 min
Response: 77635
Conc: 54.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



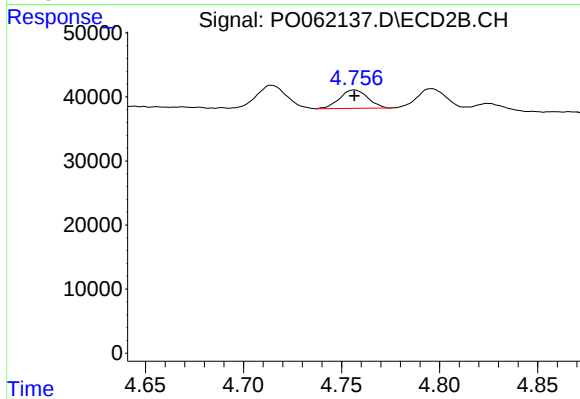
#21 AR-1248-1

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 54792
Conc: 55.81 ng/ml



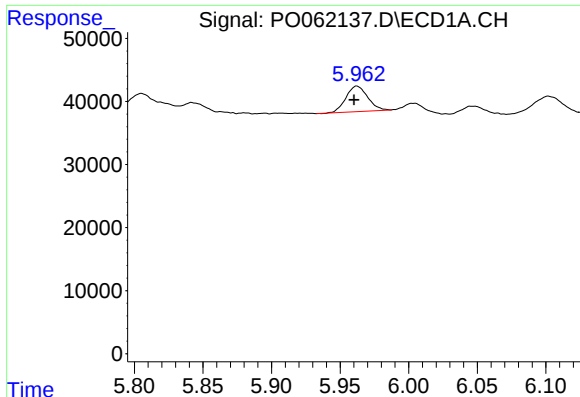
#22 AR-1248-2

R.T.: 5.760 min
Delta R.T.: 0.002 min
Response: 46684
Conc: 23.32 ng/ml



#22 AR-1248-2

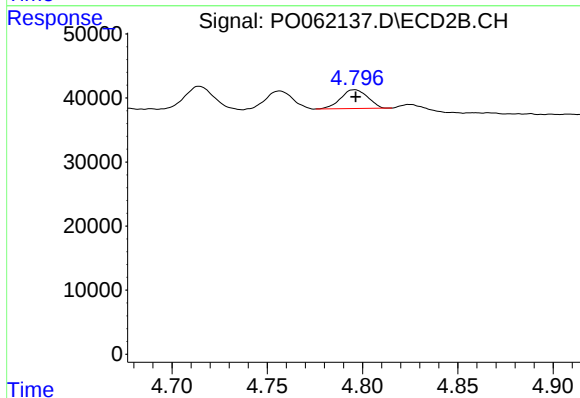
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 28558
Conc: 22.54 ng/ml



#23 AR-1248-3

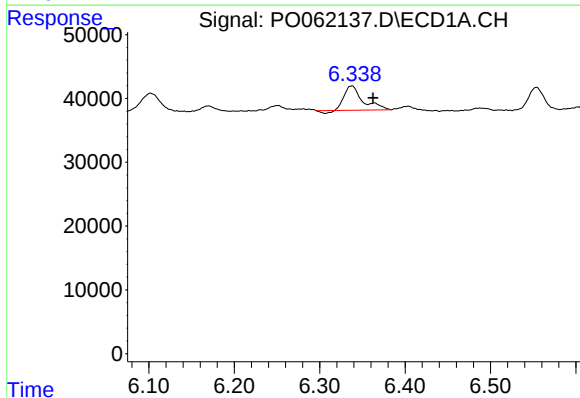
R.T.: 5.962 min
Delta R.T.: 0.002 min
Response: 44480
Conc: 20.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



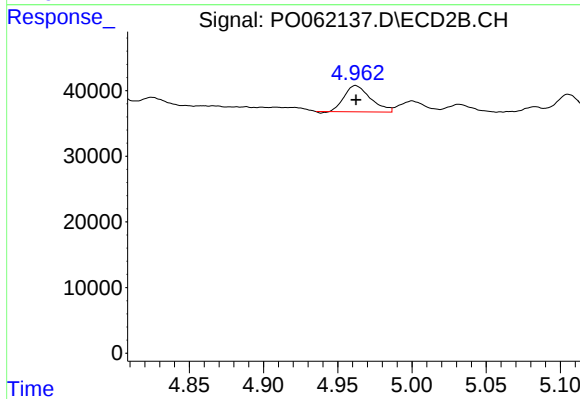
#23 AR-1248-3

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 28819
Conc: 21.71 ng/ml



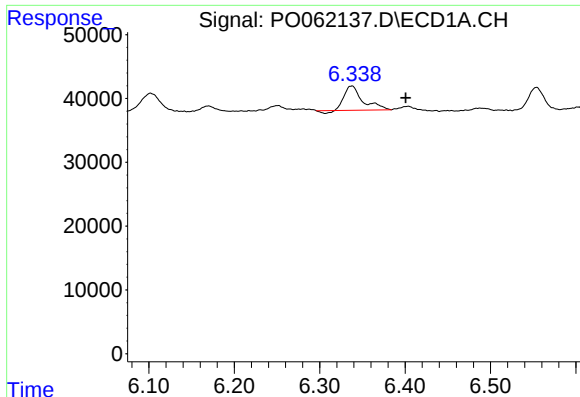
#24 AR-1248-4

R.T.: 6.338 min
Delta R.T.: -0.025 min
Response: 56415
Conc: 22.08 ng/ml



#24 AR-1248-4

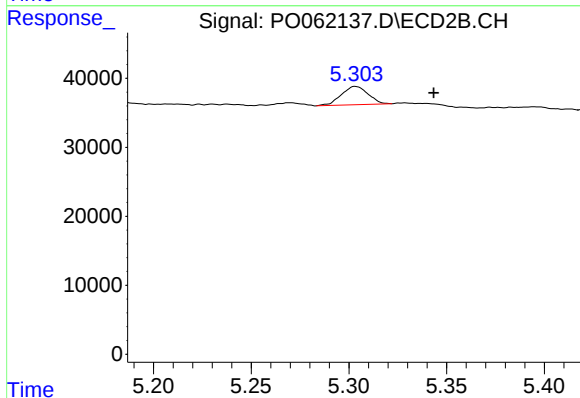
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 49039
Conc: 30.99 ng/ml



#25 AR-1248-5

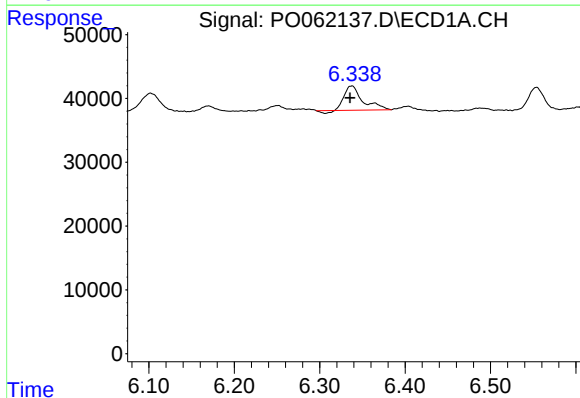
R.T.: 6.338 min
Delta R.T.: -0.063 min
Response: 56415
Conc: 23.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



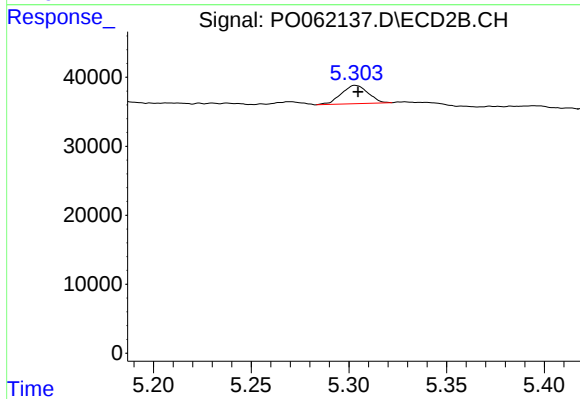
#25 AR-1248-5

R.T.: 5.304 min
Delta R.T.: -0.040 min
Response: 25300
Conc: 16.44 ng/ml



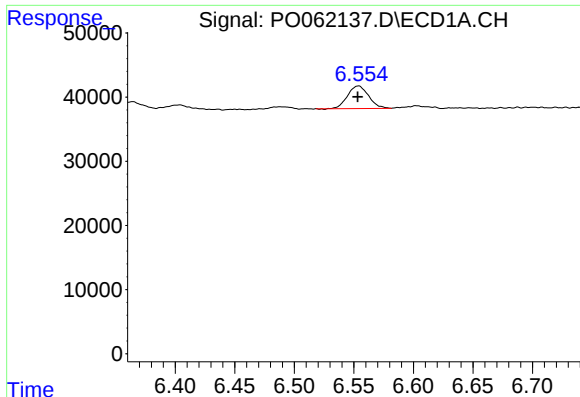
#26 AR-1254-1

R.T.: 6.338 min
Delta R.T.: 0.002 min
Response: 56415
Conc: 21.16 ng/ml



#26 AR-1254-1

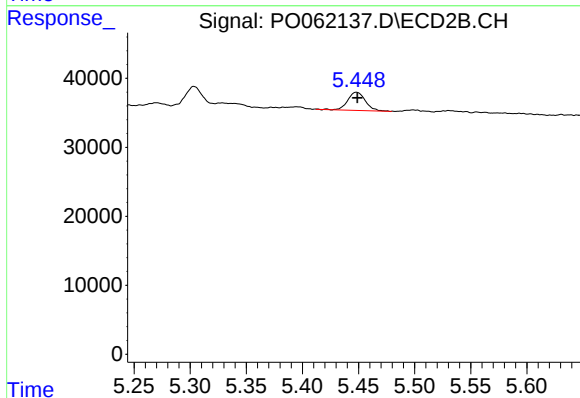
R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 25300
Conc: 10.34 ng/ml



#27 AR-1254-2

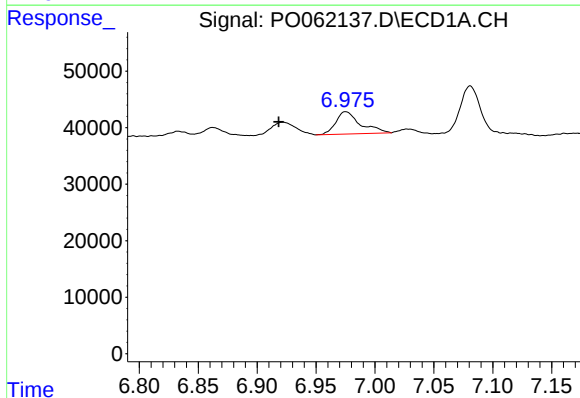
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 43412
Conc: 10.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



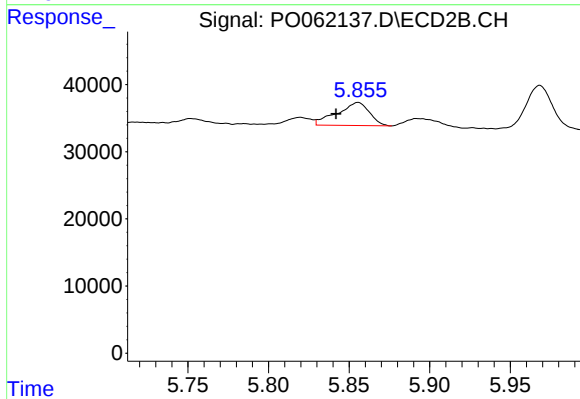
#27 AR-1254-2

R.T.: 5.448 min
Delta R.T.: 0.000 min
Response: 28734
Conc: 13.57 ng/ml



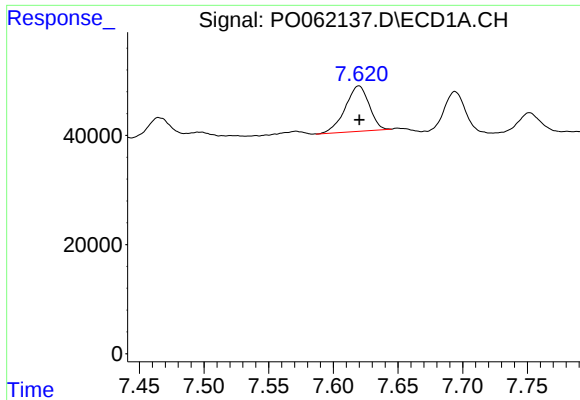
#28 AR-1254-3

R.T.: 6.975 min
Delta R.T.: 0.057 min
Response: 57019
Conc: 13.63 ng/ml



#28 AR-1254-3

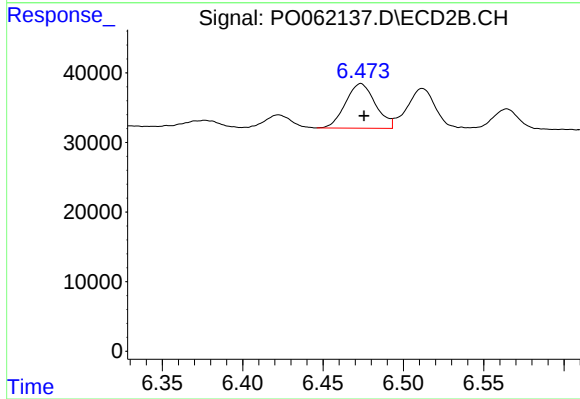
R.T.: 5.856 min
Delta R.T.: 0.014 min
Response: 47618
Conc: 14.62 ng/ml



#30 AR-1254-5

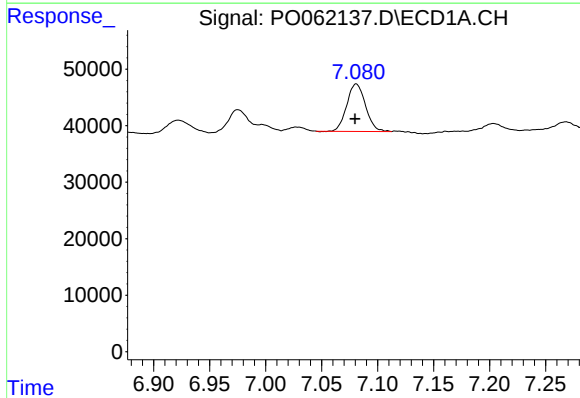
R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 107423
Conc: 34.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



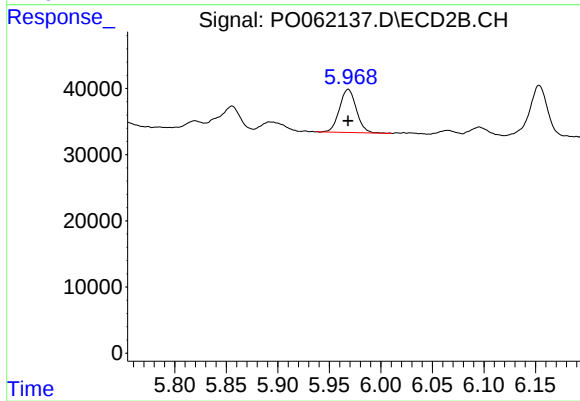
#30 AR-1254-5

R.T.: 6.474 min
Delta R.T.: -0.002 min
Response: 83240
Conc: 31.52 ng/ml



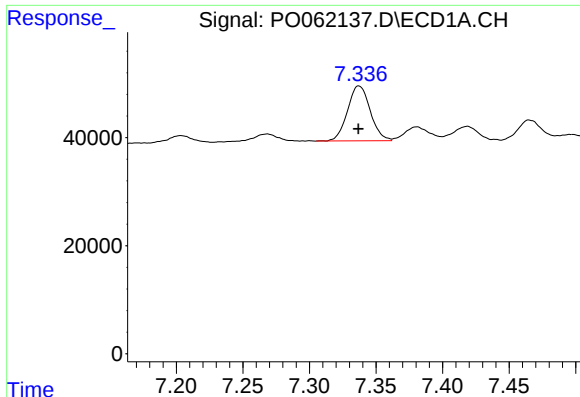
#31 AR-1260-1

R.T.: 7.081 min
Delta R.T.: 0.001 min
Response: 97942
Conc: 34.40 ng/ml



#31 AR-1260-1

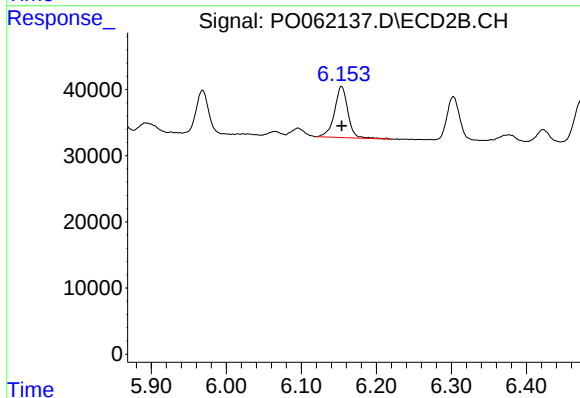
R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 74229
Conc: 34.94 ng/ml



#32 AR-1260-2

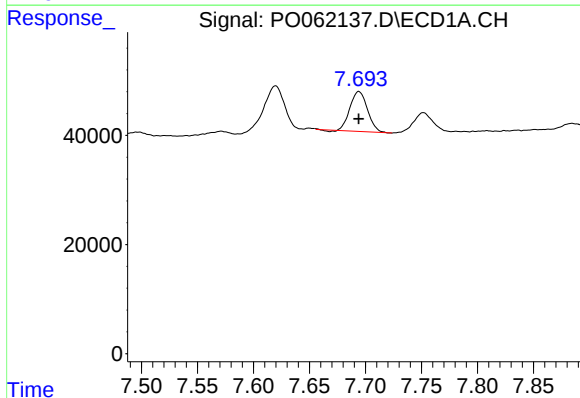
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 120868
Conc: 35.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



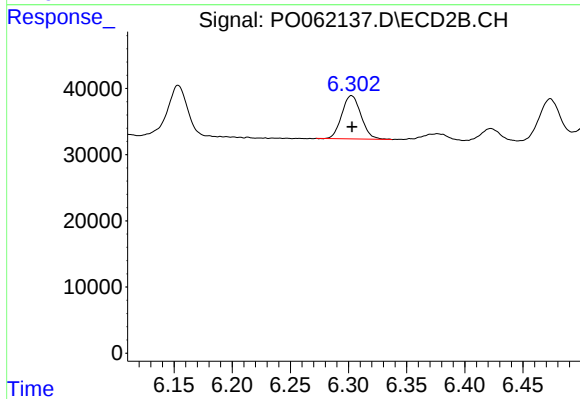
#32 AR-1260-2

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 95949
Conc: 37.81 ng/ml



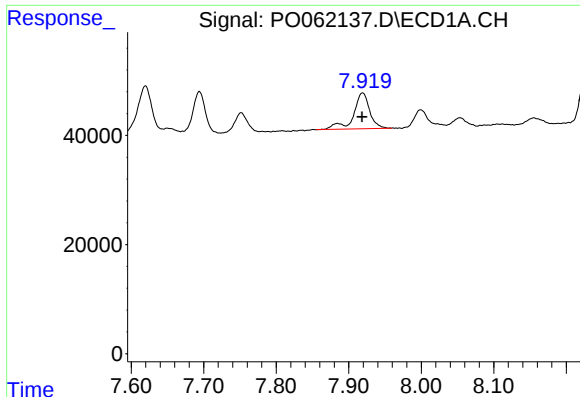
#33 AR-1260-3

R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 79439
Conc: 30.02 ng/ml



#33 AR-1260-3

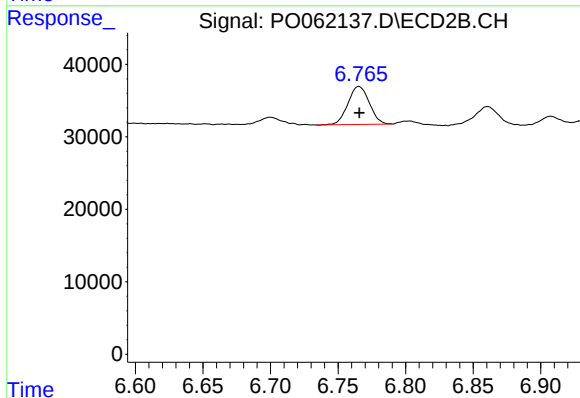
R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 74960
Conc: 33.20 ng/ml



#34 AR-1260-4

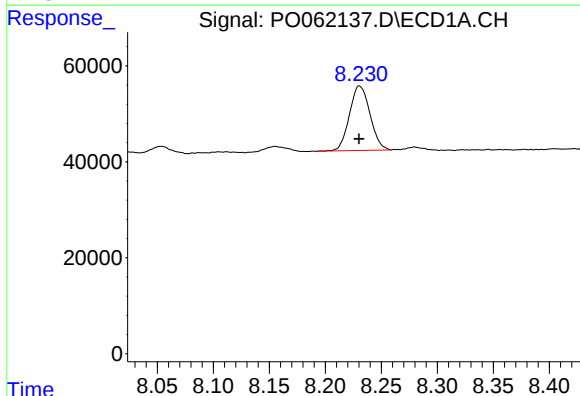
R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 101740
Conc: 36.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



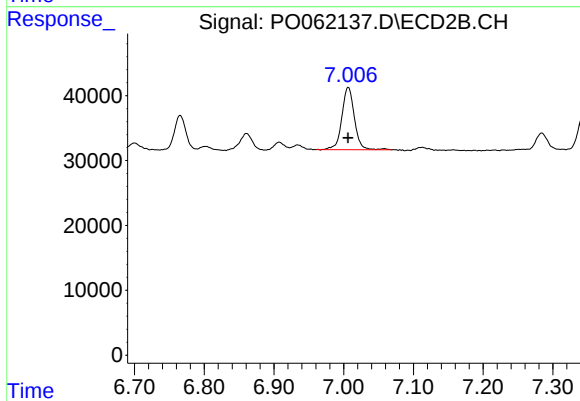
#34 AR-1260-4

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 57332
Conc: 32.65 ng/ml



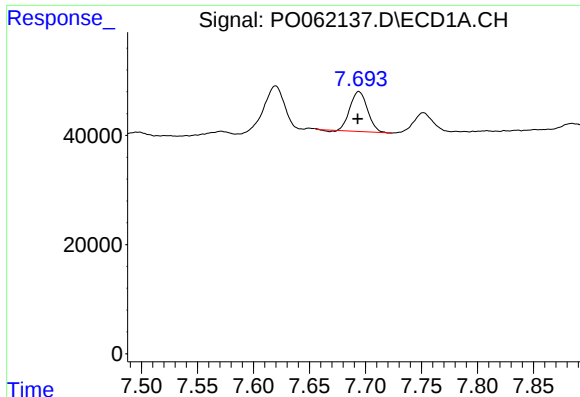
#35 AR-1260-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 171256
Conc: 32.71 ng/ml



#35 AR-1260-5

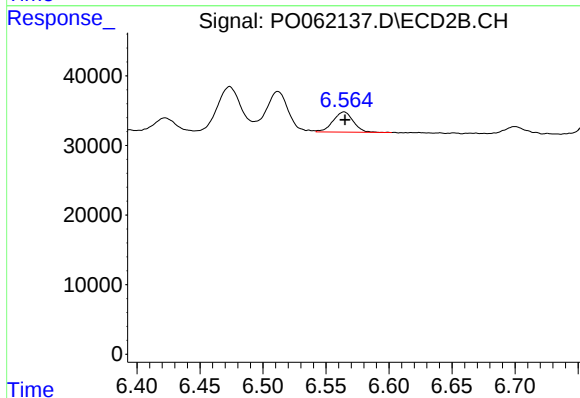
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 120671
Conc: 33.50 ng/ml



#36 AR-1262-1

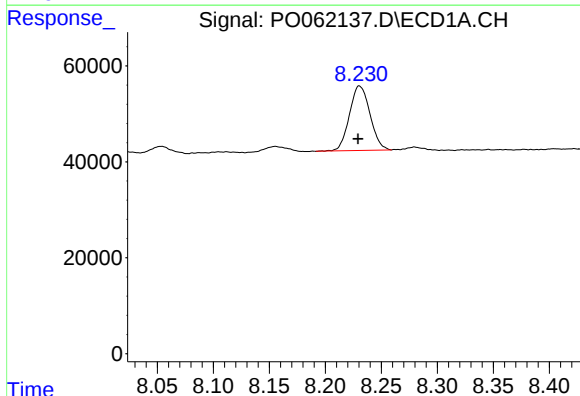
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 79439
Conc: 19.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



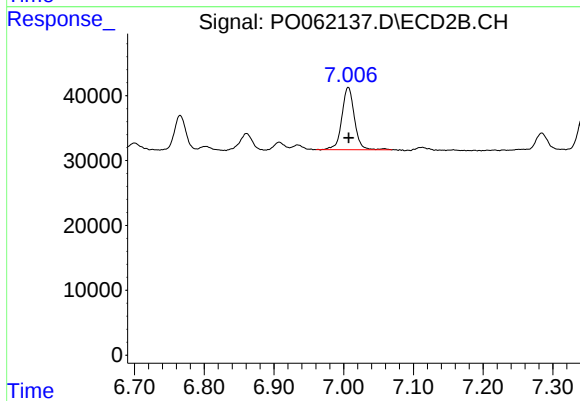
#36 AR-1262-1

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 32642
Conc: 27.39 ng/ml



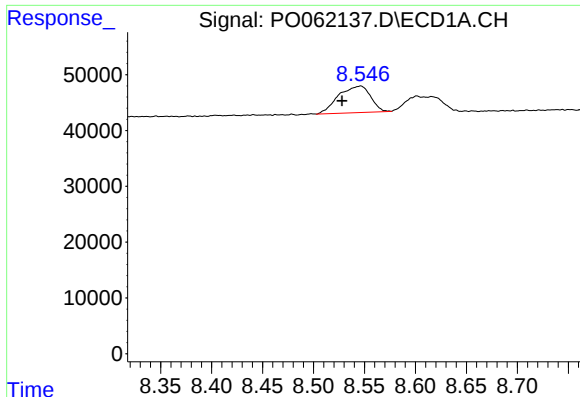
#37 AR-1262-2

R.T.: 8.231 min
Delta R.T.: 0.001 min
Response: 171256
Conc: 26.56 ng/ml



#37 AR-1262-2

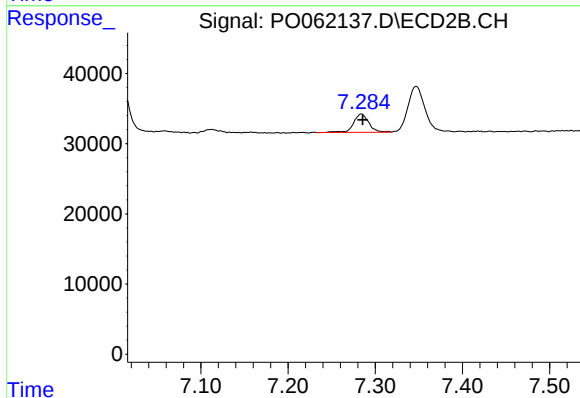
R.T.: 7.007 min
Delta R.T.: 0.000 min
Response: 120671
Conc: 28.72 ng/ml



#38 AR-1262-3

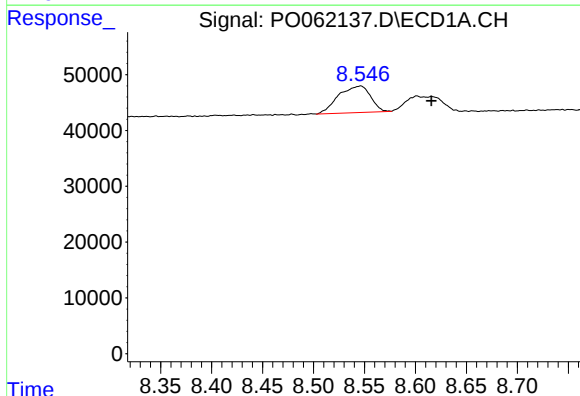
R.T.: 8.546 min
Delta R.T.: 0.018 min
Response: 104188
Conc: 23.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



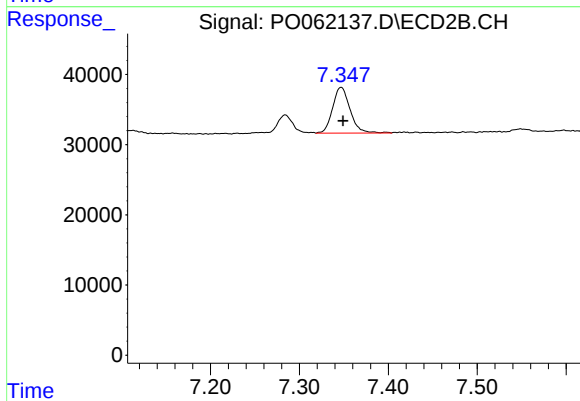
#38 AR-1262-3

R.T.: 7.284 min
Delta R.T.: -0.002 min
Response: 31596
Conc: 17.96 ng/ml



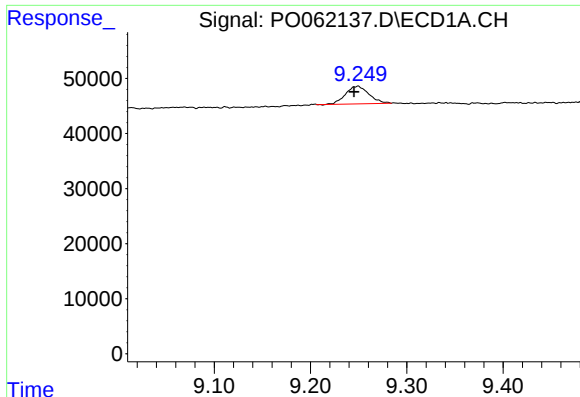
#39 AR-1262-4

R.T.: 8.546 min
Delta R.T.: -0.070 min
Response: 104188
Conc: 30.16 ng/ml



#39 AR-1262-4

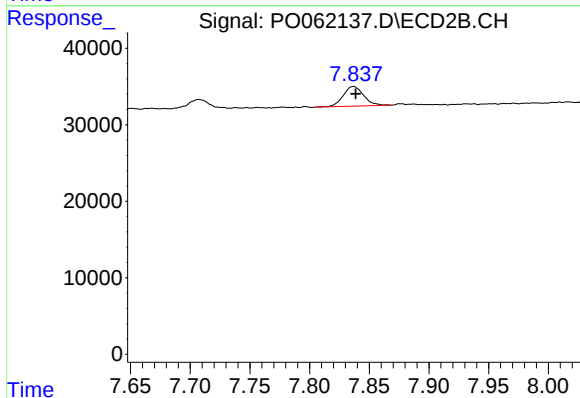
R.T.: 7.347 min
Delta R.T.: -0.002 min
Response: 88849
Conc: 29.06 ng/ml



#40 AR-1262-5

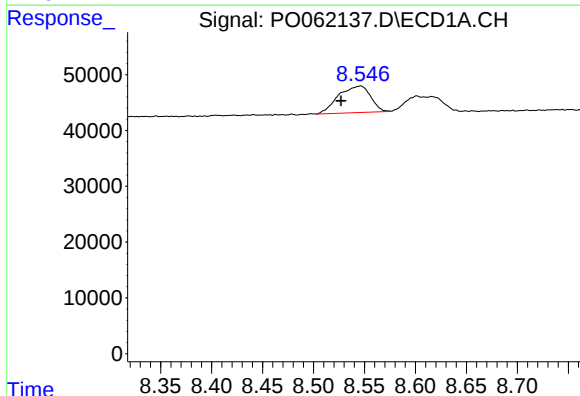
R.T.: 9.249 min
Delta R.T.: 0.004 min
Response: 53938
Conc: 23.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



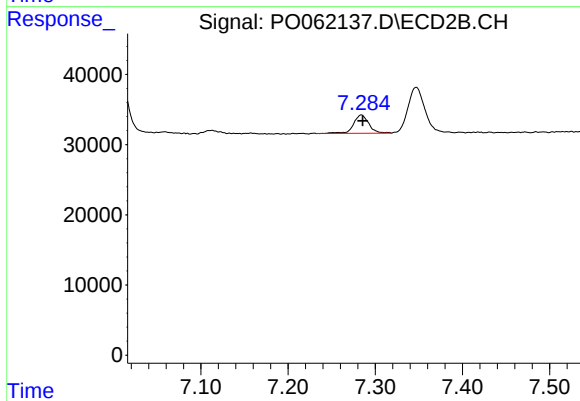
#40 AR-1262-5

R.T.: 7.837 min
Delta R.T.: -0.002 min
Response: 30356
Conc: 23.24 ng/ml



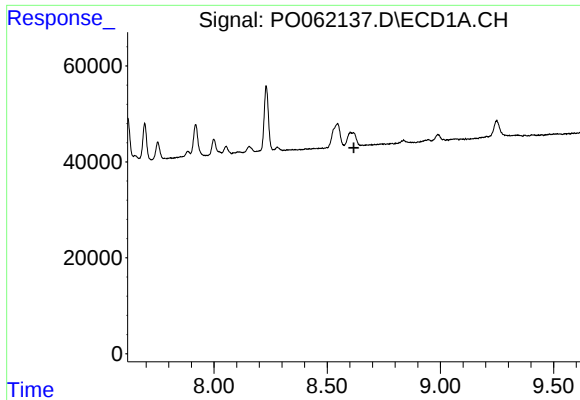
#41 AR-1268-1

R.T.: 8.546 min
Delta R.T.: 0.019 min
Response: 104188
Conc: 13.76 ng/ml



#41 AR-1268-1

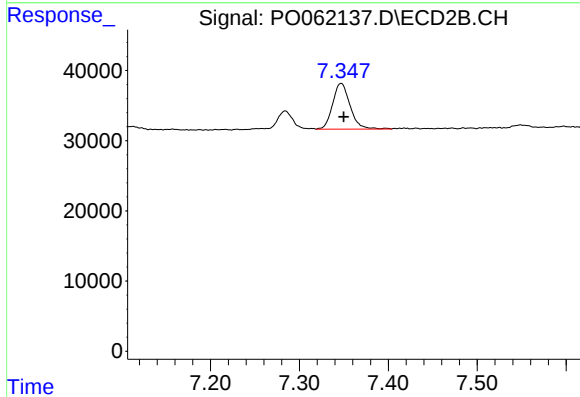
R.T.: 7.284 min
Delta R.T.: -0.001 min
Response: 31596
Conc: 6.75 ng/ml



#42 AR-1268-2

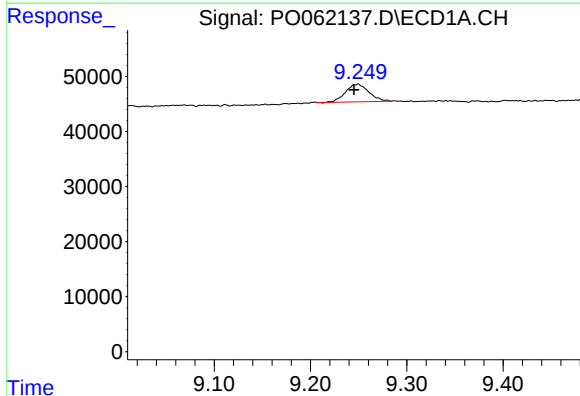
R.T.: 0.000 min
Exp R.T.: 8.618 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019



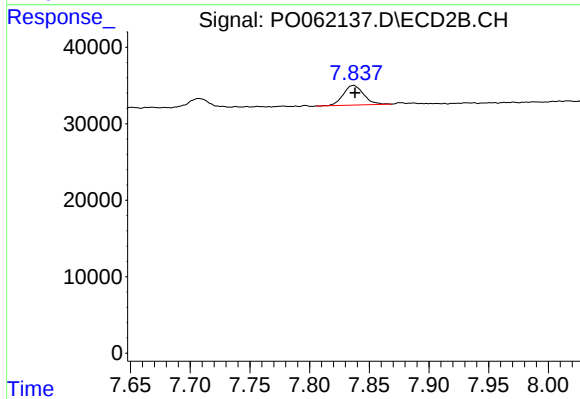
#42 AR-1268-2

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 88849
Conc: 21.27 ng/ml



#44 AR-1268-4

R.T.: 9.249 min
Delta R.T.: 0.004 min
Response: 53938
Conc: 22.70 ng/ml



#44 AR-1268-4

R.T.: 7.837 min
Delta R.T.: -0.001 min
Response: 30356
Conc: 21.30 ng/ml