

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0012120\
 Data File : P0065711.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jan 2020 15:49
 Operator : DD\AJ
 Sample : L1161-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 04:19:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 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...	4.155	3.430	373800	458472	20.471	20.842
2)	SA Decachlor...	9.652	8.331	718524	834893	21.206	20.132
Target Compounds							
3)	L1 AR-1016-1	5.306	4.490	21725	26589	24.910	25.806
4)	L1 AR-1016-2	5.327	4.507	32997	38182	25.725	26.348
5)	L1 AR-1016-3	5.387	4.680	22303	21470	28.308	27.616
6)	L1 AR-1016-4	5.485	4.722	17545	17606	27.193	26.333
7)	L1 AR-1016-5	5.775	4.931	17013	21834	25.663	25.661
9)	L2 AR-1221-2	4.455	3.797	9310	12560	59.631	63.699
10)	L2 AR-1221-3	4.524	3.797	10740	12560	20.567	19.494
11)	L3 AR-1232-1	4.524	3.797	10740	12560	26.554	25.211
12)	L3 AR-1232-2	5.041	4.507	16782	38182	79.803	70.806
13)	L3 AR-1232-3	5.327	4.680	32997	21470	70.664	75.475
14)	L3 AR-1232-4	5.485	4.762	17545	17333	75.203	64.837
15)	L3 AR-1232-5	5.573	4.931	15288	21834	86.471	76.162
16)	L4 AR-1242-1	5.306	4.490	21725	26589	37.316	39.009
17)	L4 AR-1242-2	5.327	4.507	32997	38182	38.589	39.842
18)	L4 AR-1242-3	5.387	4.680	22303	21470	42.531	41.887
19)	L4 AR-1242-4	5.485	4.762	17545	17333	41.414	33.163
20)	L4 AR-1242-5	0.000	5.277	0	17362	N.D.	23.889 #
21)	L5 AR-1248-1	5.327	4.507	32997	38182	70.914	68.875
22)	L5 AR-1248-2	5.573	4.722	15288	17606	23.169	22.947
23)	L5 AR-1248-3	5.775	4.762	17013	17333	22.579	22.030
24)	L5 AR-1248-4	6.146	4.931	10533	21834	11.119	22.780 #
25)	L5 AR-1248-5	0.000	5.277	0	17362	N.D.	17.151 #
26)	L6 AR-1254-1	6.146	5.277	10533	17362	12.416	11.985
27)	L6 AR-1254-2	6.362	5.423	14342	19117	10.437	14.452 #
28)	L6 AR-1254-3	6.731	5.836	18844	33013	12.158	14.650
29)	L6 AR-1254-4	7.010	0.000	11275	0	8.845	N.D. #
30)	L6 AR-1254-5	7.455	6.461	8693	68084	6.190	30.587 #
31)	L7 AR-1260-1	6.887	5.949	41081	52569	29.785	27.923
32)	L7 AR-1260-2	7.143	6.137	51655	76844	29.441	31.630
33)	L7 AR-1260-3	7.499	6.287	42299	55149	29.927	25.479
34)	L7 AR-1260-4	7.722	6.754	44732	49704	25.619	24.775
35)	L7 AR-1260-5	8.028	6.996	89607	113039	26.720	22.834
36)	L8 AR-1262-1	7.499	6.551	42299	27613	25.570	29.290
37)	L8 AR-1262-2	8.028	6.996	89607	113039	27.982	25.157
38)	L8 AR-1262-3	8.324	7.275	58993	28353	25.915	16.846 #
39)	L8 AR-1262-4	8.393	7.339	16857	89136	9.536	25.919 #
40)	L8 AR-1262-5	8.987	7.832	30260	34083	22.747	19.987
41)	L9 AR-1268-1	8.324	7.275	58993	28353	14.501	5.339 #
42)	L9 AR-1268-2	8.393	7.339	16857	89136	4.380	17.548 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012120\
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 Operator : DD\AJ
 Sample : L1161-07
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 7 Sample Multiplier: 1

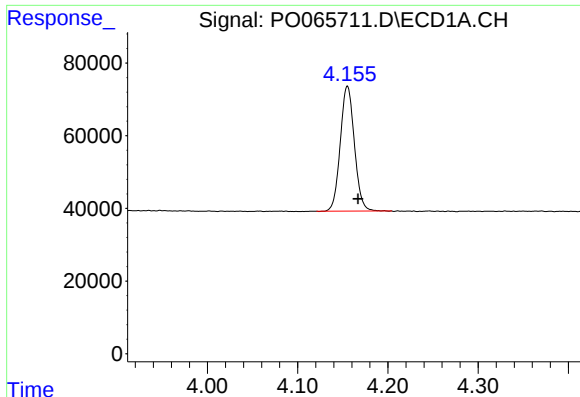
Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 04:19:28 2020
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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
44) L9	AR-1268-4	8.987	7.832	30260	34083	19.699	17.220
45) L9	AR-1268-5	9.360	8.102	14423	15331	1.302	1.066

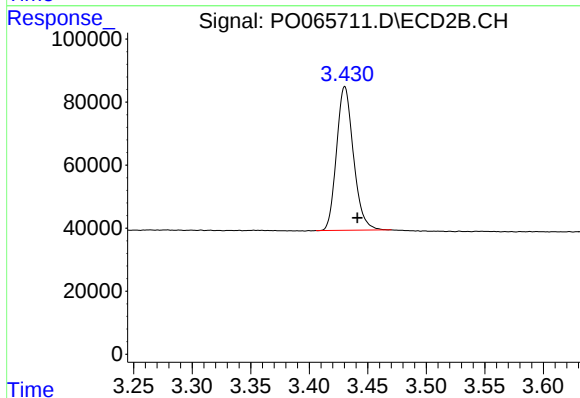
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

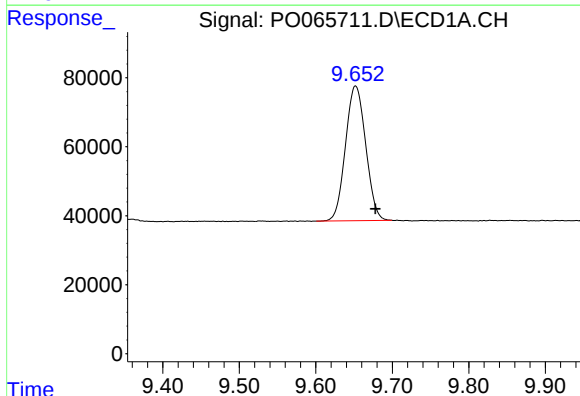
R.T.: 4.155 min
Delta R.T.: -0.012 min
Response: 373800
Conc: 20.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



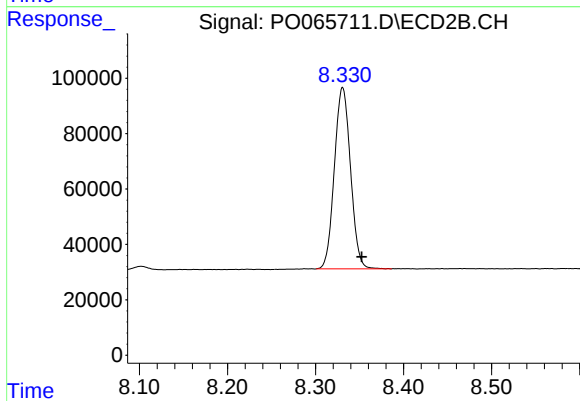
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.011 min
Response: 458472
Conc: 20.84 ng/ml



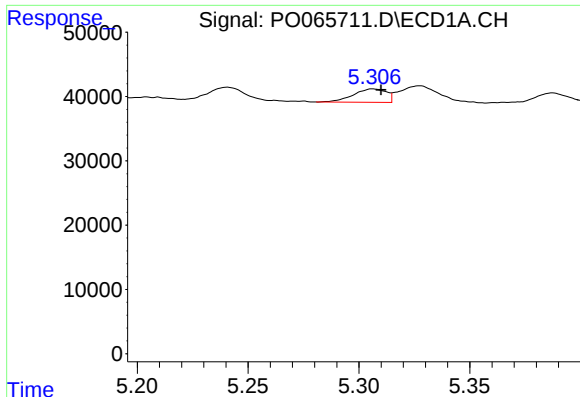
#2 Decachlorobiphenyl

R.T.: 9.652 min
Delta R.T.: -0.026 min
Response: 718524
Conc: 21.21 ng/ml



#2 Decachlorobiphenyl

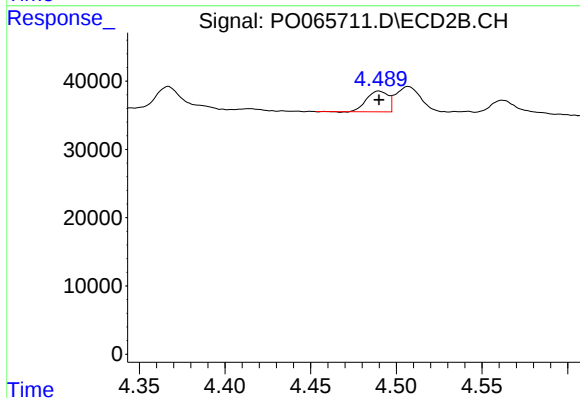
R.T.: 8.331 min
Delta R.T.: -0.022 min
Response: 834893
Conc: 20.13 ng/ml



#3 AR-1016-1

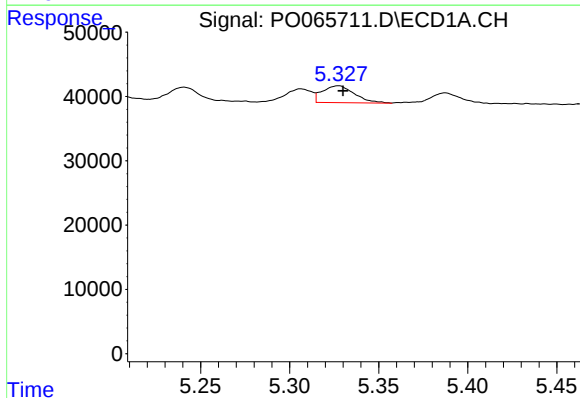
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 21725
Conc: 24.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



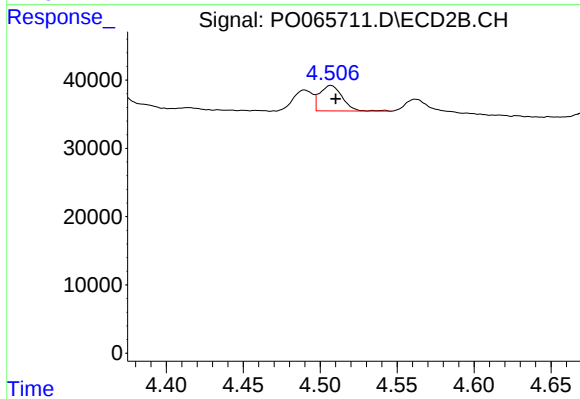
#3 AR-1016-1

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 26589
Conc: 25.81 ng/ml



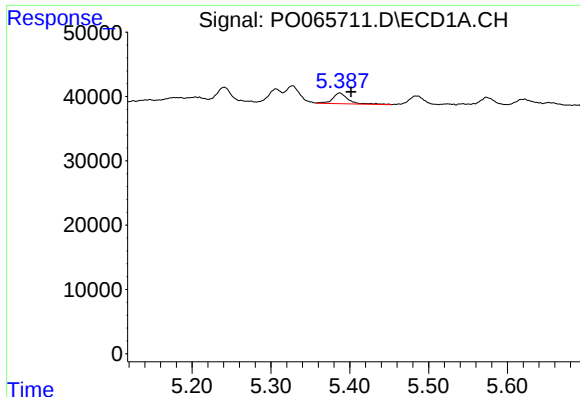
#4 AR-1016-2

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 32997
Conc: 25.72 ng/ml



#4 AR-1016-2

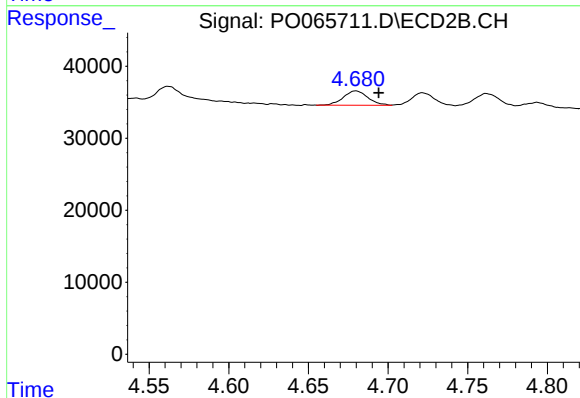
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 38182
Conc: 26.35 ng/ml



#5 AR-1016-3

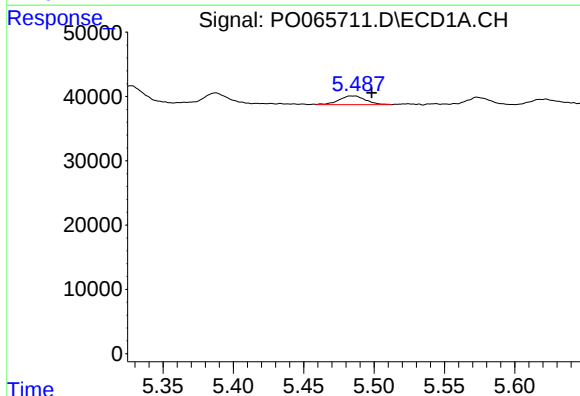
R.T.: 5.387 min
Delta R.T.: -0.014 min
Response: 22303
Conc: 28.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



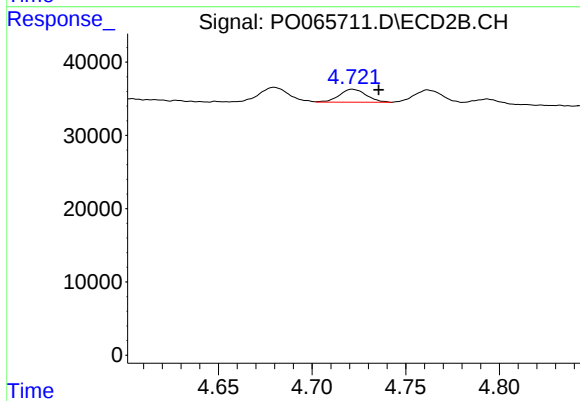
#5 AR-1016-3

R.T.: 4.680 min
Delta R.T.: -0.014 min
Response: 21470
Conc: 27.62 ng/ml



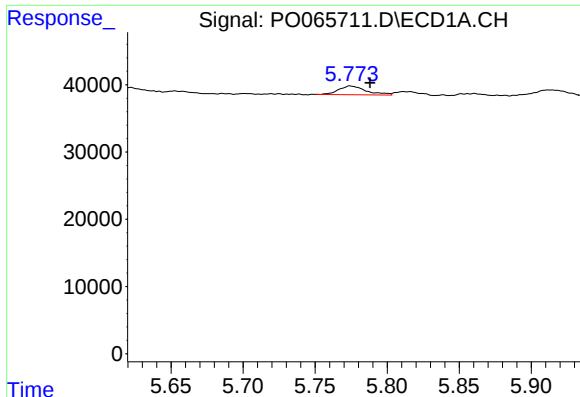
#6 AR-1016-4

R.T.: 5.485 min
Delta R.T.: -0.013 min
Response: 17545
Conc: 27.19 ng/ml



#6 AR-1016-4

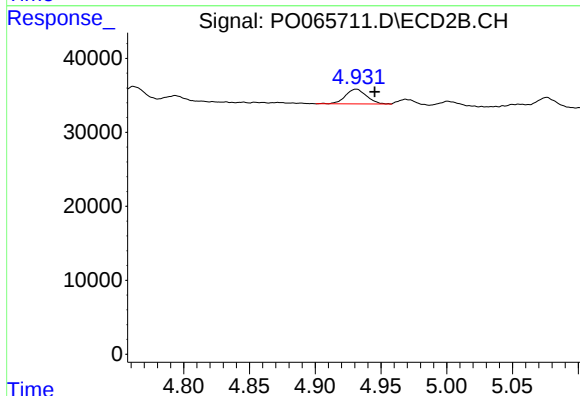
R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 17606
Conc: 26.33 ng/ml



#7 AR-1016-5

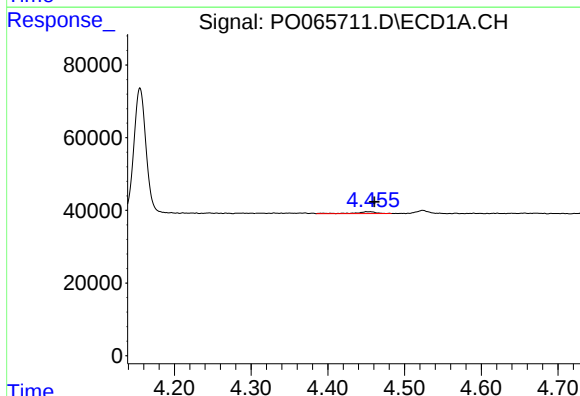
R.T.: 5.775 min
Delta R.T.: -0.014 min
Response: 17013
Conc: 25.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



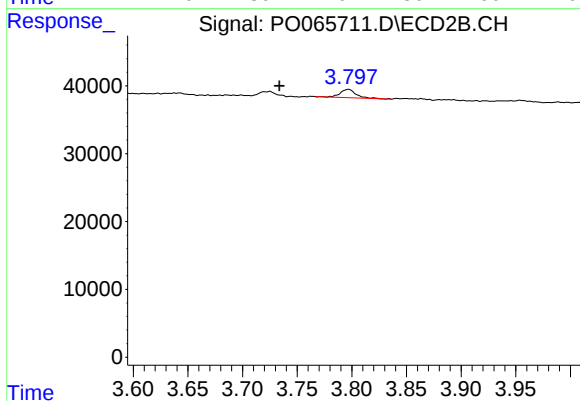
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: -0.014 min
Response: 21834
Conc: 25.66 ng/ml



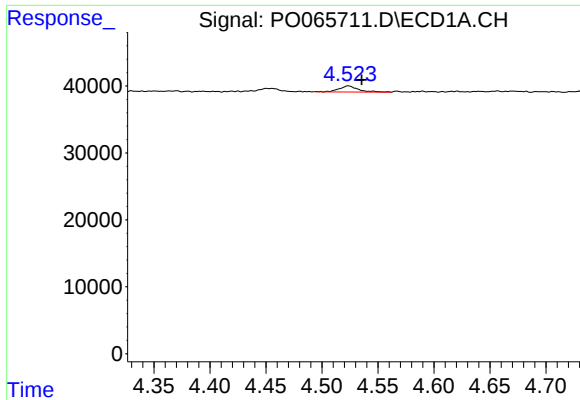
#9 AR-1221-2

R.T.: 4.455 min
Delta R.T.: -0.005 min
Response: 9310
Conc: 59.63 ng/ml



#9 AR-1221-2

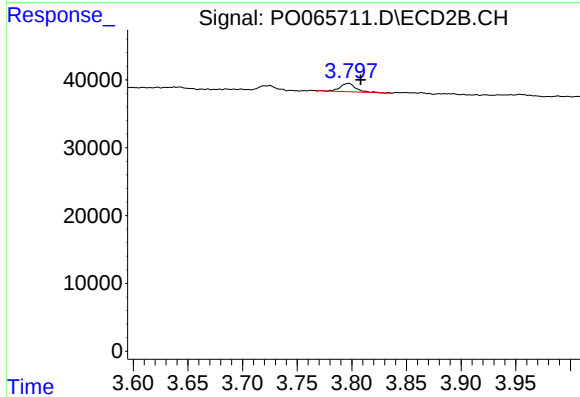
R.T.: 3.797 min
Delta R.T.: 0.063 min
Response: 12560
Conc: 63.70 ng/ml



#10 AR-1221-3

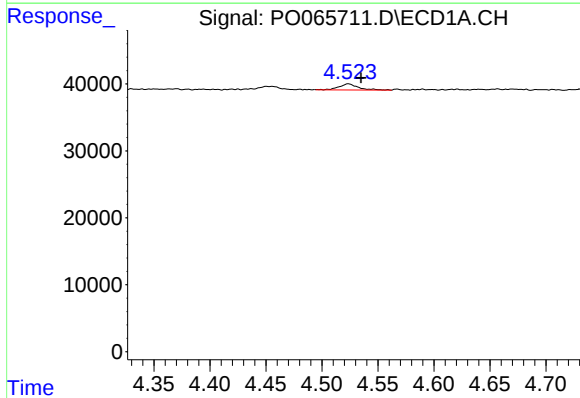
R.T.: 4.524 min
Delta R.T.: -0.012 min
Response: 10740
Conc: 20.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



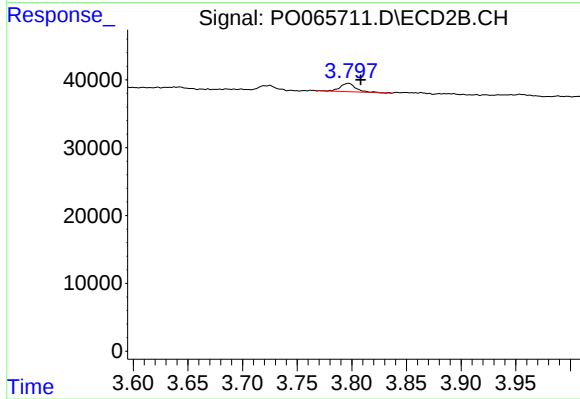
#10 AR-1221-3

R.T.: 3.797 min
Delta R.T.: -0.011 min
Response: 12560
Conc: 19.49 ng/ml



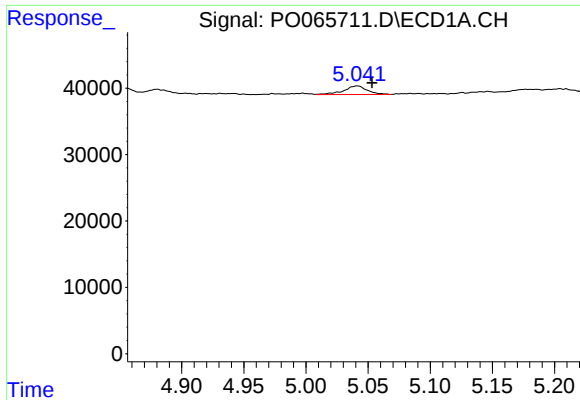
#11 AR-1232-1

R.T.: 4.524 min
Delta R.T.: -0.011 min
Response: 10740
Conc: 26.55 ng/ml



#11 AR-1232-1

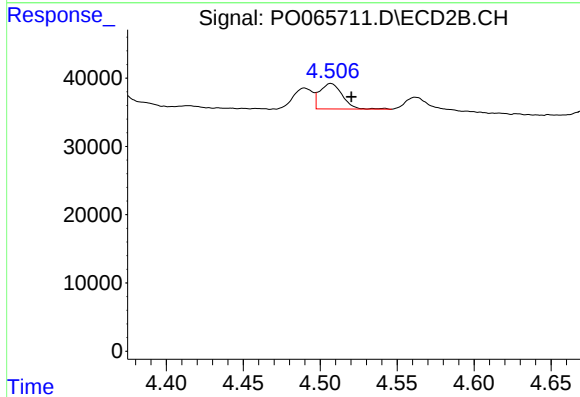
R.T.: 3.797 min
Delta R.T.: -0.011 min
Response: 12560
Conc: 25.21 ng/ml



#12 AR-1232-2

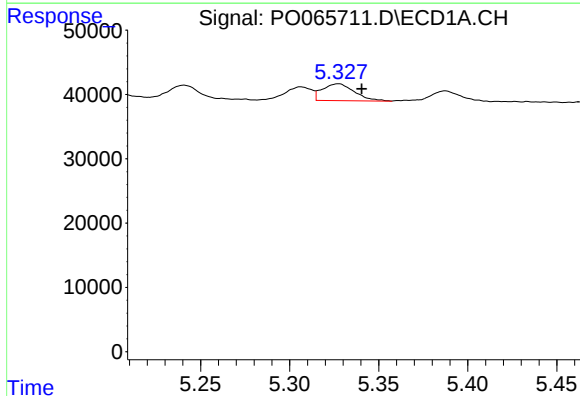
R.T.: 5.041 min
Delta R.T.: -0.012 min
Response: 16782
Conc: 79.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



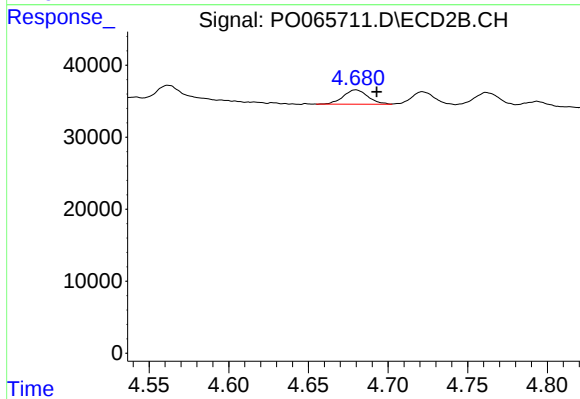
#12 AR-1232-2

R.T.: 4.507 min
Delta R.T.: -0.013 min
Response: 38182
Conc: 70.81 ng/ml



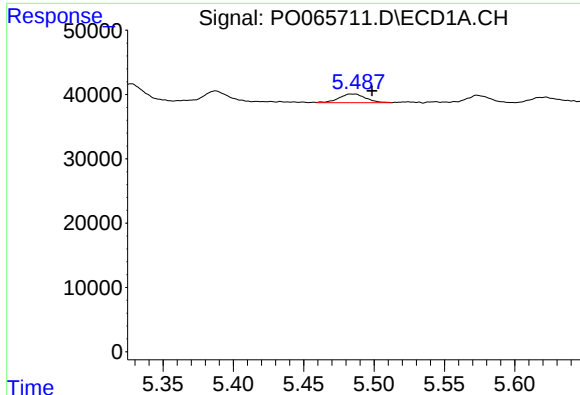
#13 AR-1232-3

R.T.: 5.327 min
Delta R.T.: -0.013 min
Response: 32997
Conc: 70.66 ng/ml



#13 AR-1232-3

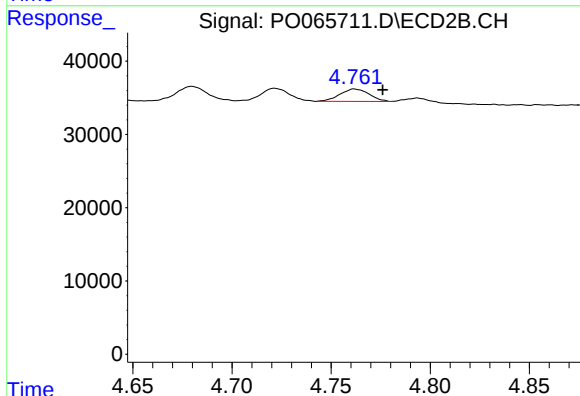
R.T.: 4.680 min
Delta R.T.: -0.013 min
Response: 21470
Conc: 75.48 ng/ml



#14 AR-1232-4

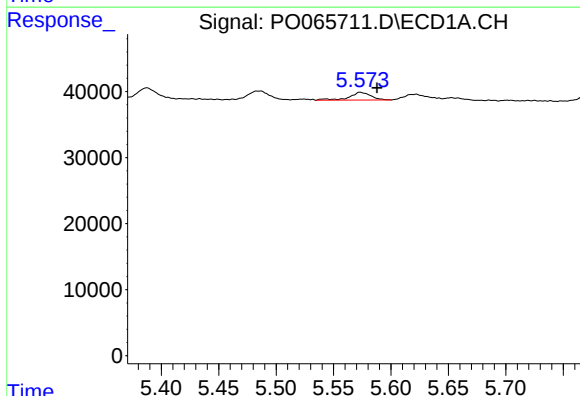
R.T.: 5.485 min
Delta R.T.: -0.014 min
Response: 17545
Conc: 75.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



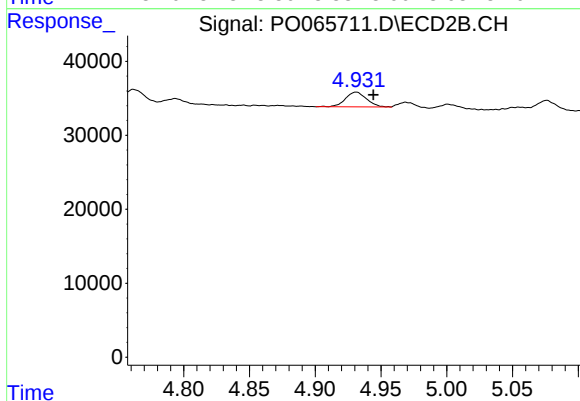
#14 AR-1232-4

R.T.: 4.762 min
Delta R.T.: -0.014 min
Response: 17333
Conc: 64.84 ng/ml



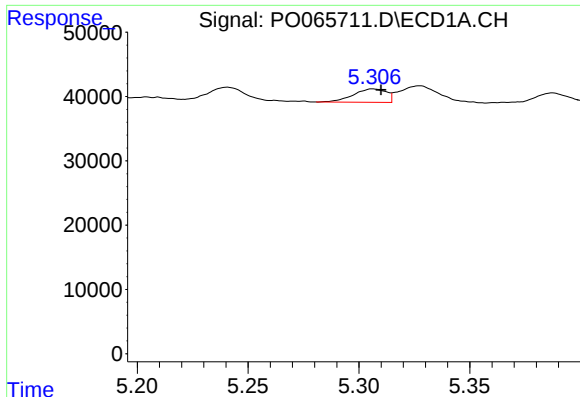
#15 AR-1232-5

R.T.: 5.573 min
Delta R.T.: -0.015 min
Response: 15288
Conc: 86.47 ng/ml



#15 AR-1232-5

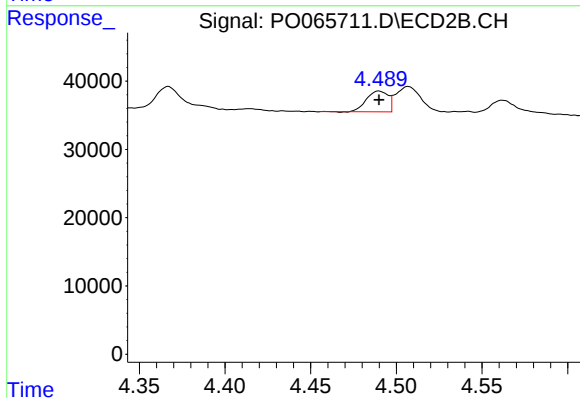
R.T.: 4.931 min
Delta R.T.: -0.013 min
Response: 21834
Conc: 76.16 ng/ml



#16 AR-1242-1

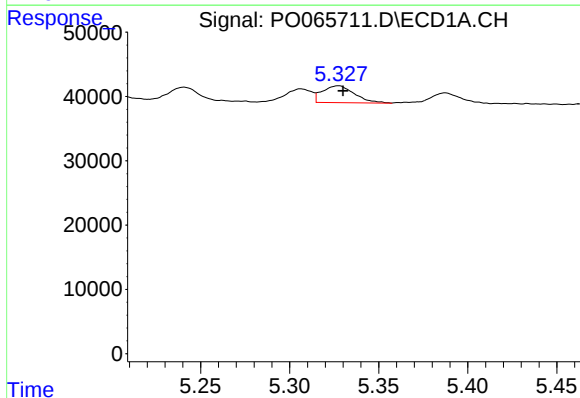
R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 21725
Conc: 37.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



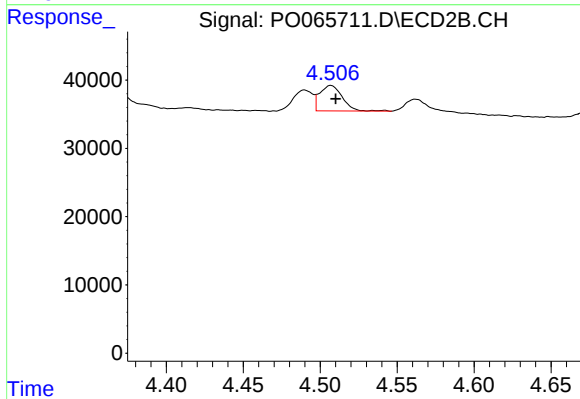
#16 AR-1242-1

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 26589
Conc: 39.01 ng/ml



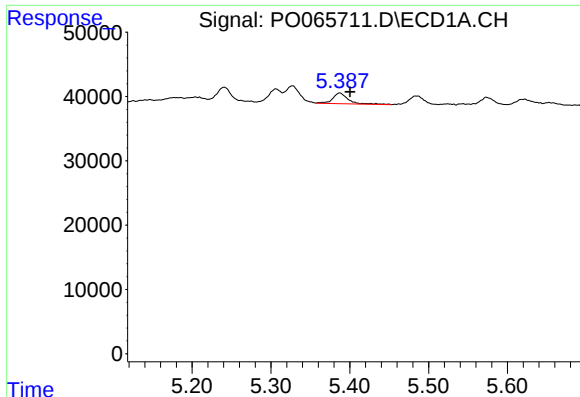
#17 AR-1242-2

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 32997
Conc: 38.59 ng/ml



#17 AR-1242-2

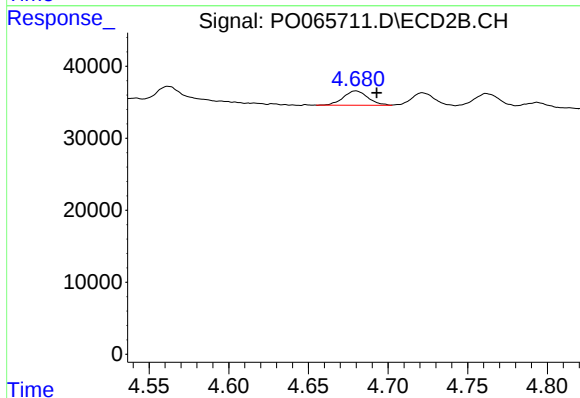
R.T.: 4.507 min
Delta R.T.: -0.003 min
Response: 38182
Conc: 39.84 ng/ml



#18 AR-1242-3

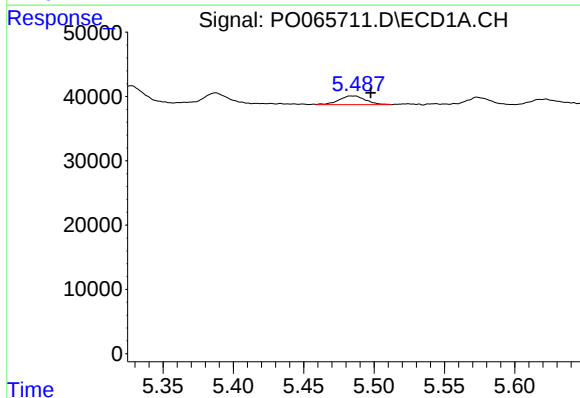
R.T.: 5.387 min
Delta R.T.: -0.013 min
Response: 22303
Conc: 42.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



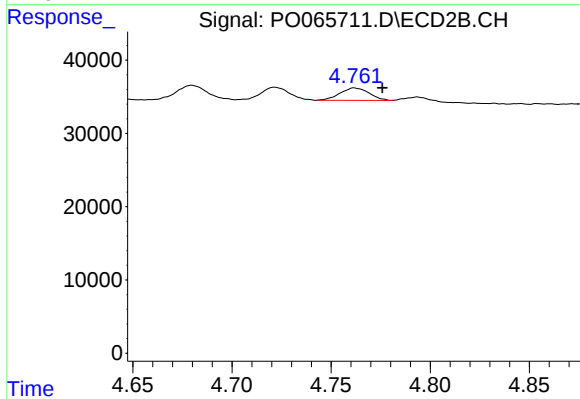
#18 AR-1242-3

R.T.: 4.680 min
Delta R.T.: -0.013 min
Response: 21470
Conc: 41.89 ng/ml



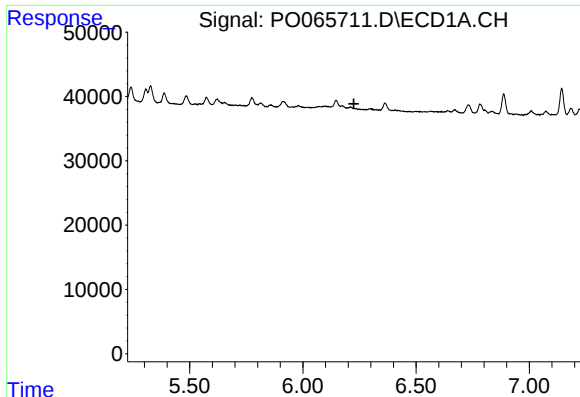
#19 AR-1242-4

R.T.: 5.485 min
Delta R.T.: -0.013 min
Response: 17545
Conc: 41.41 ng/ml



#19 AR-1242-4

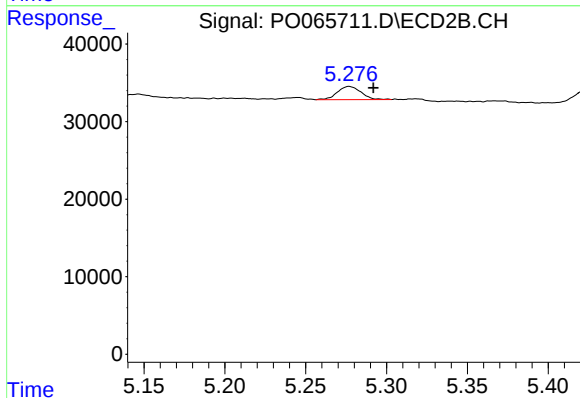
R.T.: 4.762 min
Delta R.T.: -0.014 min
Response: 17333
Conc: 33.16 ng/ml



#20 AR-1242-5

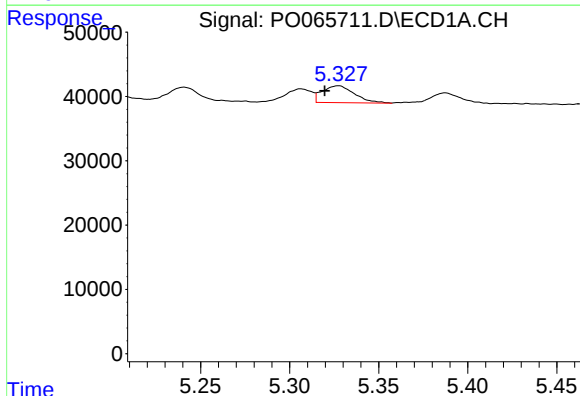
R.T.: 0.000 min
Exp R.T.: 6.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



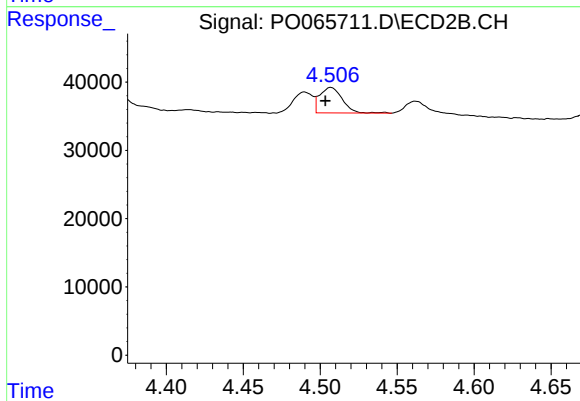
#20 AR-1242-5

R.T.: 5.277 min
Delta R.T.: -0.015 min
Response: 17362
Conc: 23.89 ng/ml



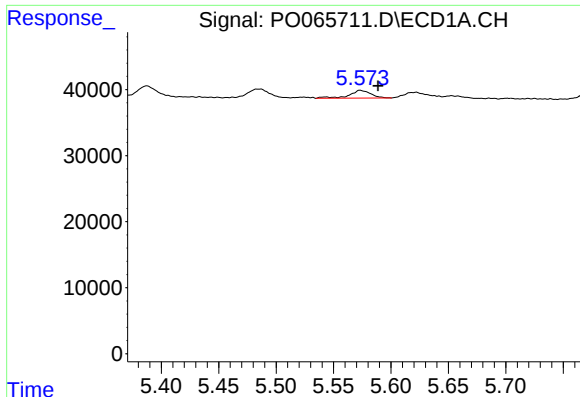
#21 AR-1248-1

R.T.: 5.327 min
Delta R.T.: 0.008 min
Response: 32997
Conc: 70.91 ng/ml



#21 AR-1248-1

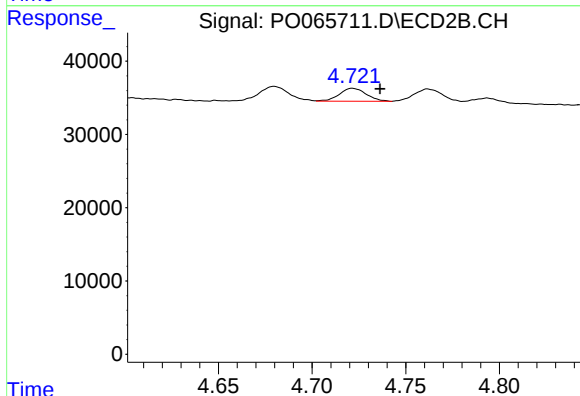
R.T.: 4.507 min
Delta R.T.: 0.004 min
Response: 38182
Conc: 68.88 ng/ml



#22 AR-1248-2

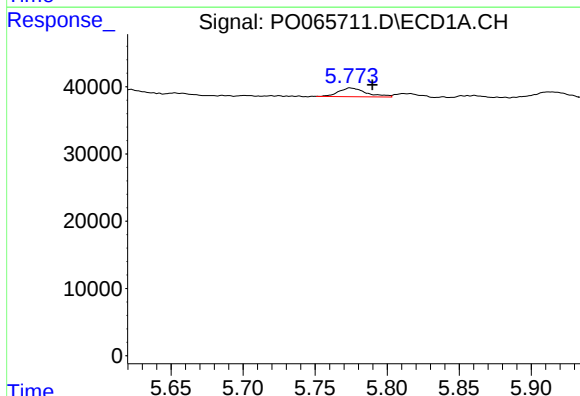
R.T.: 5.573 min
Delta R.T.: -0.015 min
Response: 15288
Conc: 23.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



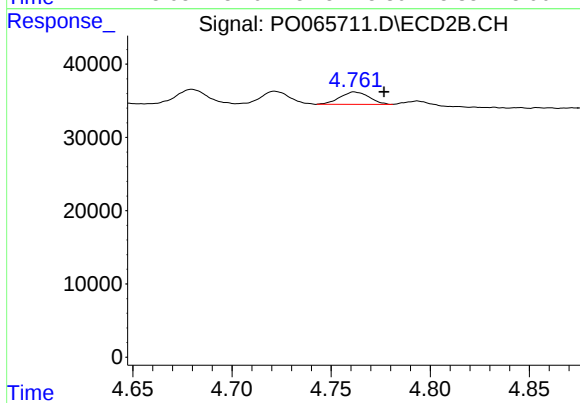
#22 AR-1248-2

R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 17606
Conc: 22.95 ng/ml



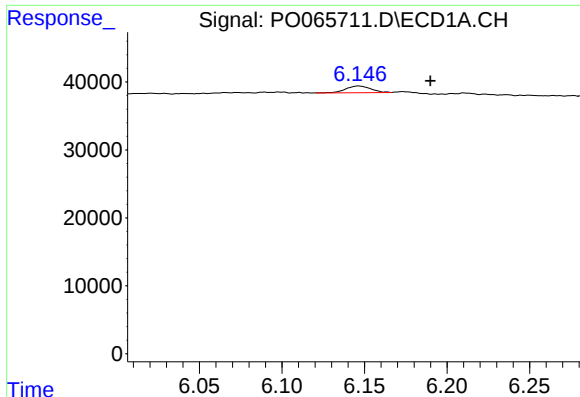
#23 AR-1248-3

R.T.: 5.775 min
Delta R.T.: -0.015 min
Response: 17013
Conc: 22.58 ng/ml



#23 AR-1248-3

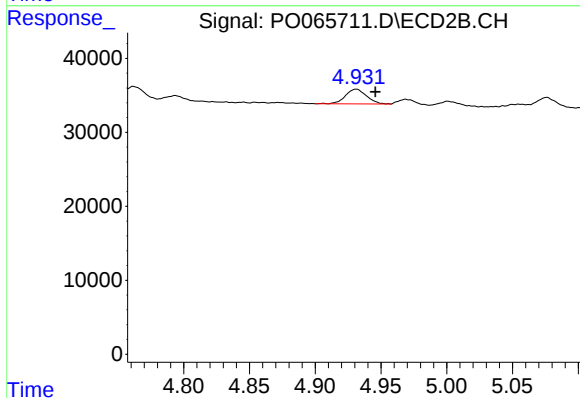
R.T.: 4.762 min
Delta R.T.: -0.015 min
Response: 17333
Conc: 22.03 ng/ml



#24 AR-1248-4

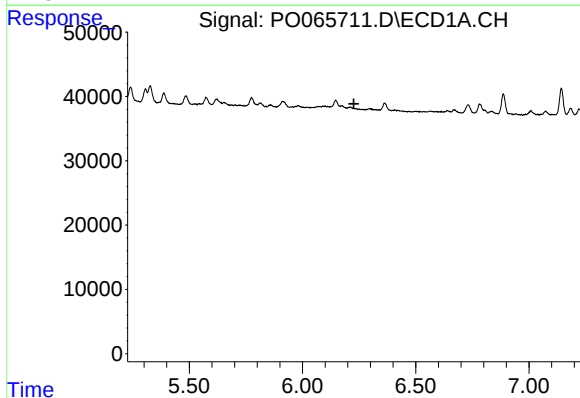
R.T.: 6.146 min
Delta R.T.: -0.044 min
Response: 10533
Conc: 11.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



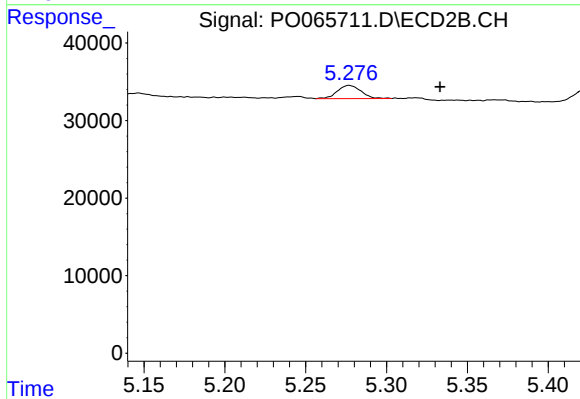
#24 AR-1248-4

R.T.: 4.931 min
Delta R.T.: -0.014 min
Response: 21834
Conc: 22.78 ng/ml



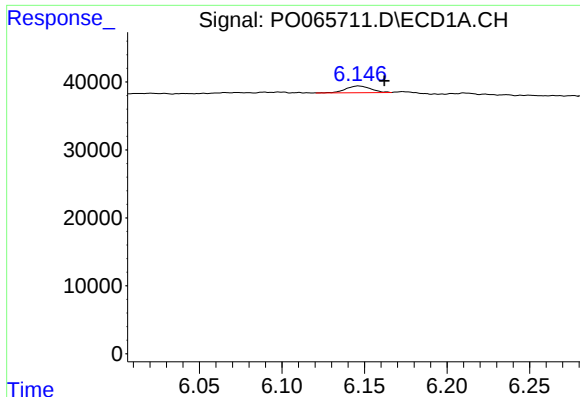
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.227 min
Response: 0
Conc: N.D.



#25 AR-1248-5

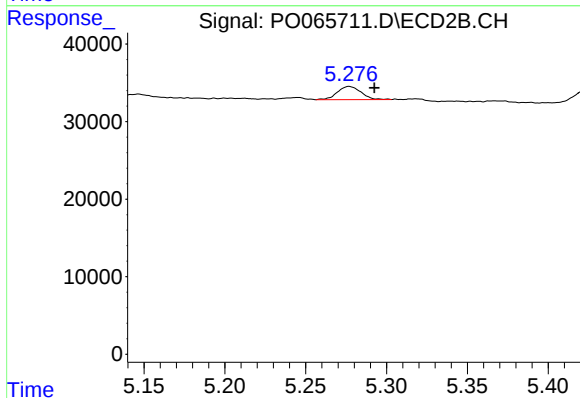
R.T.: 5.277 min
Delta R.T.: -0.056 min
Response: 17362
Conc: 17.15 ng/ml



#26 AR-1254-1

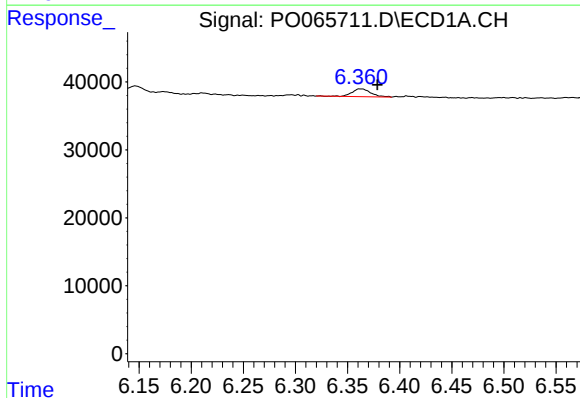
R.T.: 6.146 min
Delta R.T.: -0.016 min
Response: 10533
Conc: 12.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



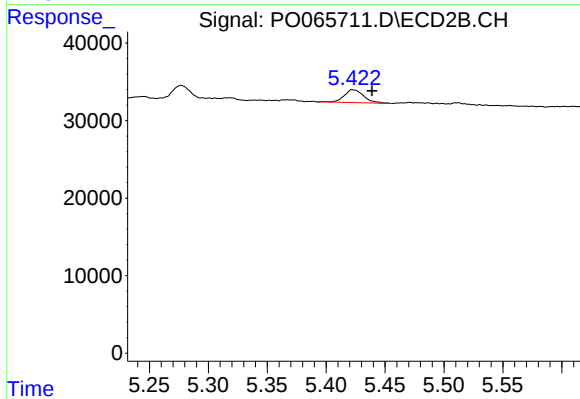
#26 AR-1254-1

R.T.: 5.277 min
Delta R.T.: -0.015 min
Response: 17362
Conc: 11.98 ng/ml



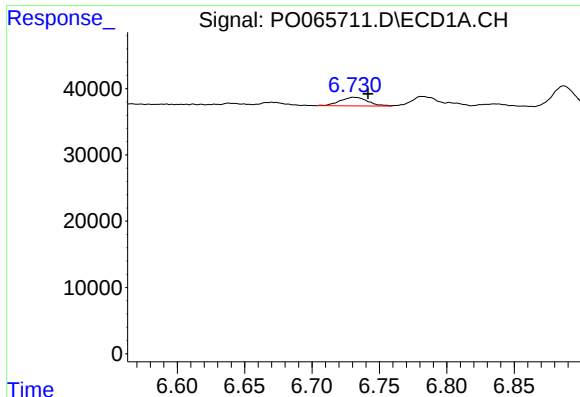
#27 AR-1254-2

R.T.: 6.362 min
Delta R.T.: -0.016 min
Response: 14342
Conc: 10.44 ng/ml



#27 AR-1254-2

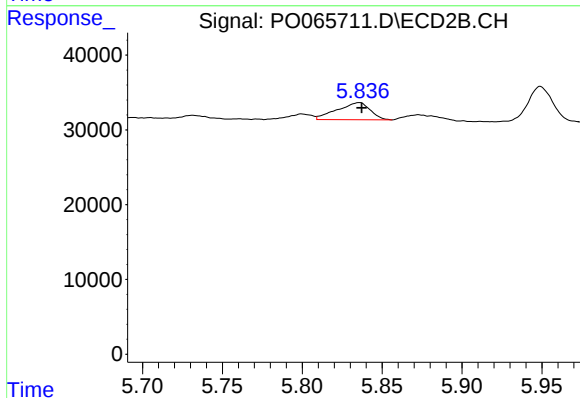
R.T.: 5.423 min
Delta R.T.: -0.016 min
Response: 19117
Conc: 14.45 ng/ml



#28 AR-1254-3

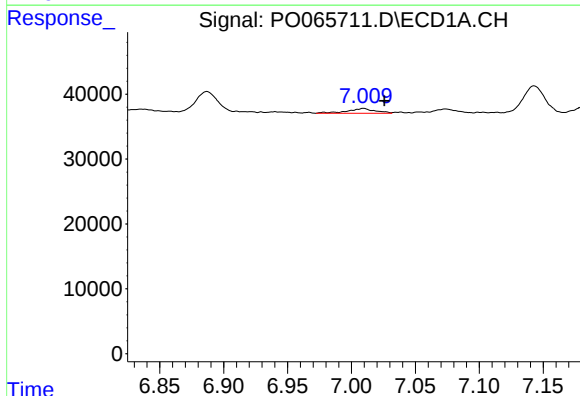
R.T.: 6.731 min
Delta R.T.: -0.010 min
Response: 18844
Conc: 12.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



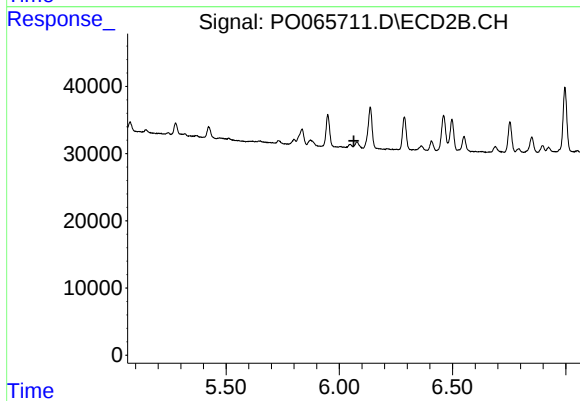
#28 AR-1254-3

R.T.: 5.836 min
Delta R.T.: -0.002 min
Response: 33013
Conc: 14.65 ng/ml



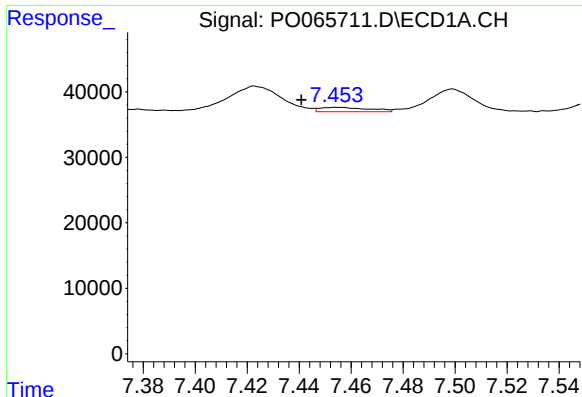
#29 AR-1254-4

R.T.: 7.010 min
Delta R.T.: -0.016 min
Response: 11275
Conc: 8.84 ng/ml



#29 AR-1254-4

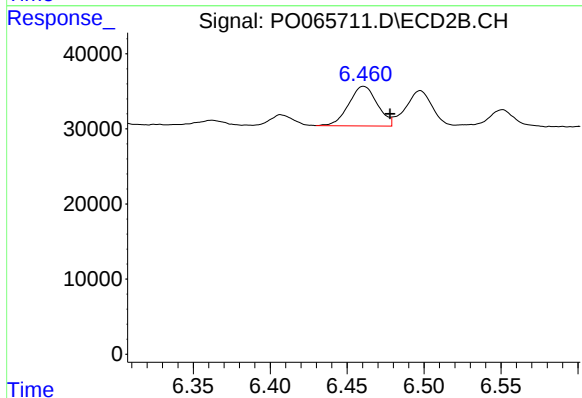
R.T.: 0.000 min
Exp R.T.: 6.064 min
Response: 0
Conc: N.D.



#30 AR-1254-5

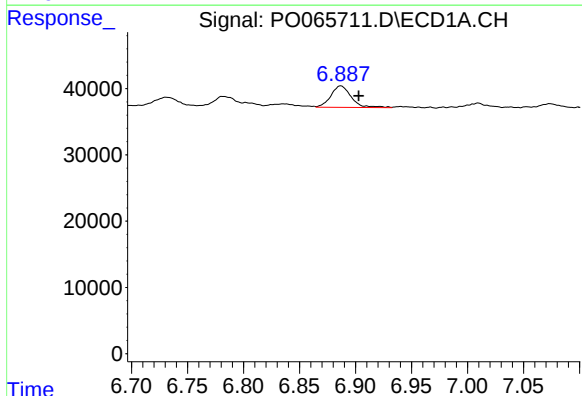
R.T.: 7.455 min
Delta R.T.: 0.014 min
Response: 8693
Conc: 6.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



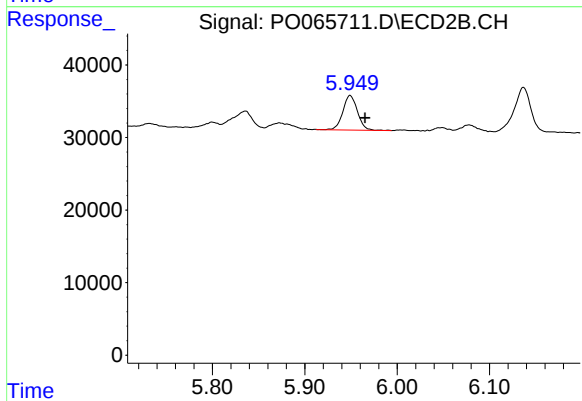
#30 AR-1254-5

R.T.: 6.461 min
Delta R.T.: -0.017 min
Response: 68084
Conc: 30.59 ng/ml



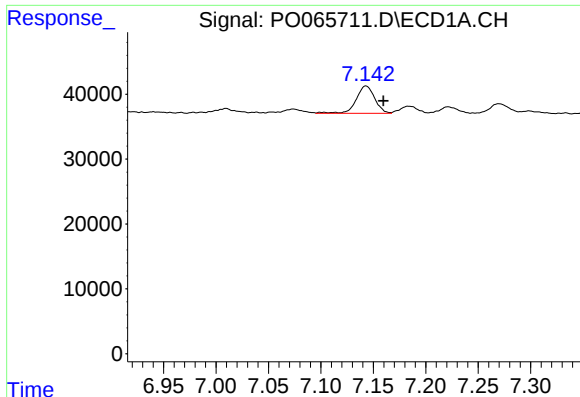
#31 AR-1260-1

R.T.: 6.887 min
Delta R.T.: -0.016 min
Response: 41081
Conc: 29.79 ng/ml



#31 AR-1260-1

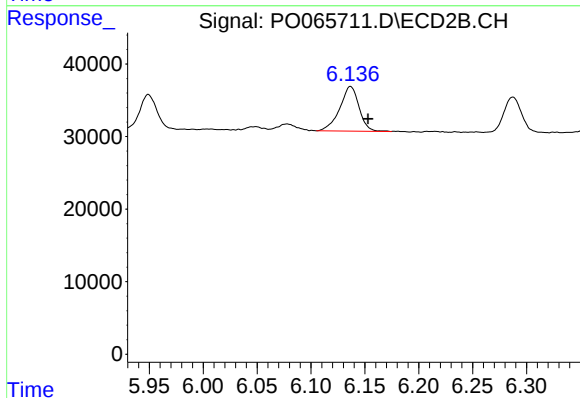
R.T.: 5.949 min
Delta R.T.: -0.016 min
Response: 52569
Conc: 27.92 ng/ml



#32 AR-1260-2

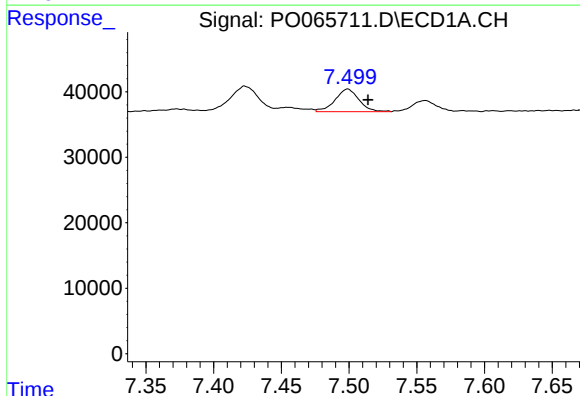
R.T.: 7.143 min
Delta R.T.: -0.017 min
Response: 51655
Conc: 29.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



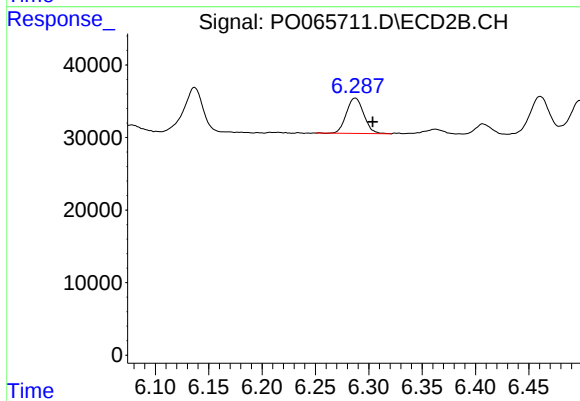
#32 AR-1260-2

R.T.: 6.137 min
Delta R.T.: -0.016 min
Response: 76844
Conc: 31.63 ng/ml



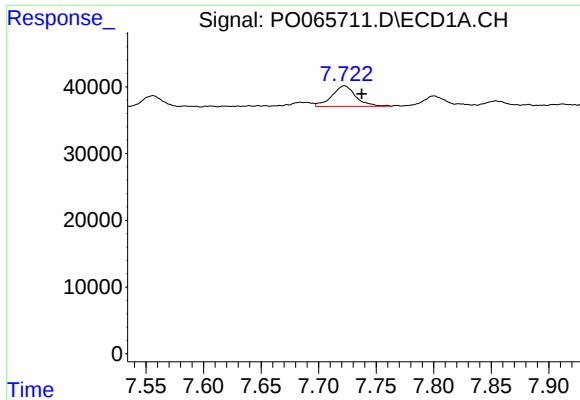
#33 AR-1260-3

R.T.: 7.499 min
Delta R.T.: -0.015 min
Response: 42299
Conc: 29.93 ng/ml



#33 AR-1260-3

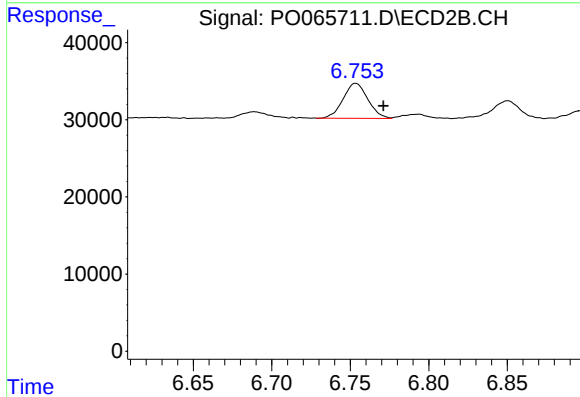
R.T.: 6.287 min
Delta R.T.: -0.016 min
Response: 55149
Conc: 25.48 ng/ml



#34 AR-1260-4

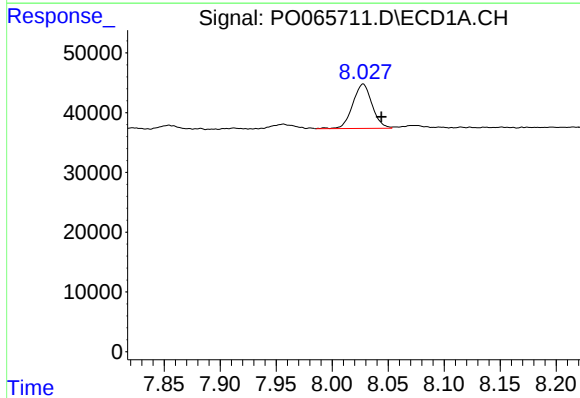
R.T.: 7.722 min
Delta R.T.: -0.015 min
Response: 44732
Conc: 25.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



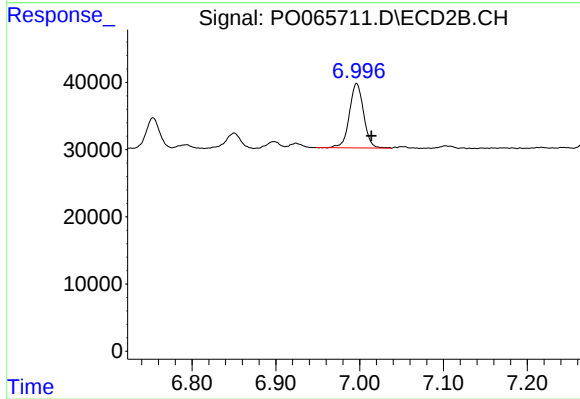
#34 AR-1260-4

R.T.: 6.754 min
Delta R.T.: -0.018 min
Response: 49704
Conc: 24.77 ng/ml



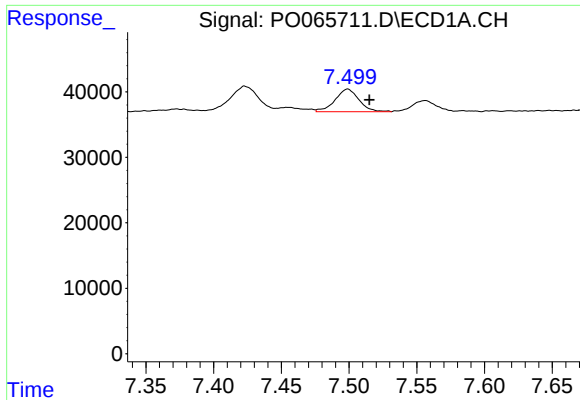
#35 AR-1260-5

R.T.: 8.028 min
Delta R.T.: -0.016 min
Response: 89607
Conc: 26.72 ng/ml



#35 AR-1260-5

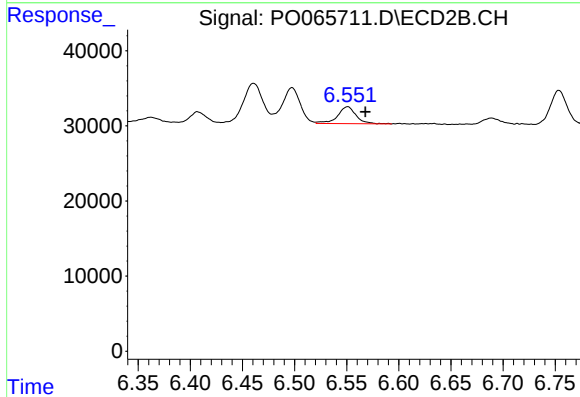
R.T.: 6.996 min
Delta R.T.: -0.018 min
Response: 113039
Conc: 22.83 ng/ml



#36 AR-1262-1

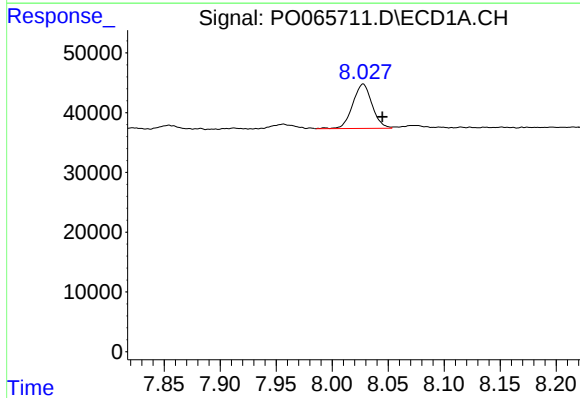
R.T.: 7.499 min
Delta R.T.: -0.016 min
Response: 42299
Conc: 25.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



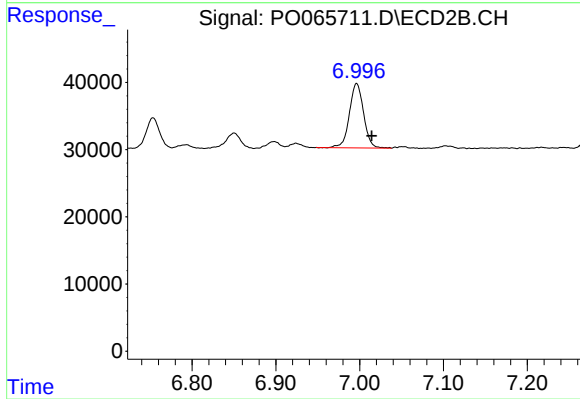
#36 AR-1262-1

R.T.: 6.551 min
Delta R.T.: -0.017 min
Response: 27613
Conc: 29.29 ng/ml



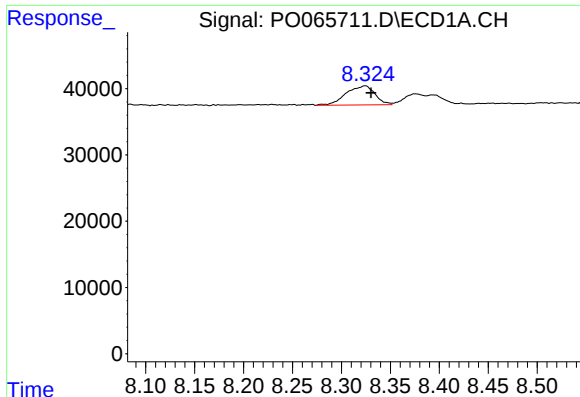
#37 AR-1262-2

R.T.: 8.028 min
Delta R.T.: -0.017 min
Response: 89607
Conc: 27.98 ng/ml



#37 AR-1262-2

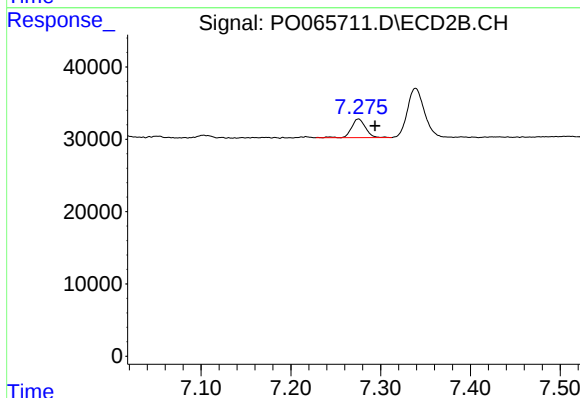
R.T.: 6.996 min
Delta R.T.: -0.018 min
Response: 113039
Conc: 25.16 ng/ml



#38 AR-1262-3

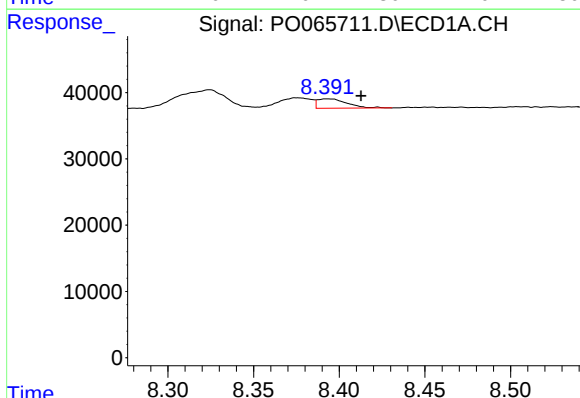
R.T.: 8.324 min
Delta R.T.: -0.006 min
Response: 58993
Conc: 25.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



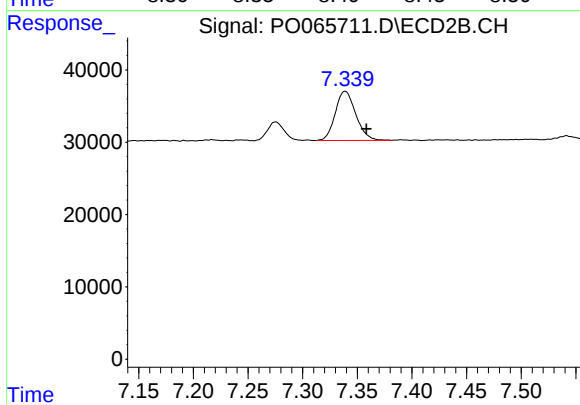
#38 AR-1262-3

R.T.: 7.275 min
Delta R.T.: -0.018 min
Response: 28353
Conc: 16.85 ng/ml



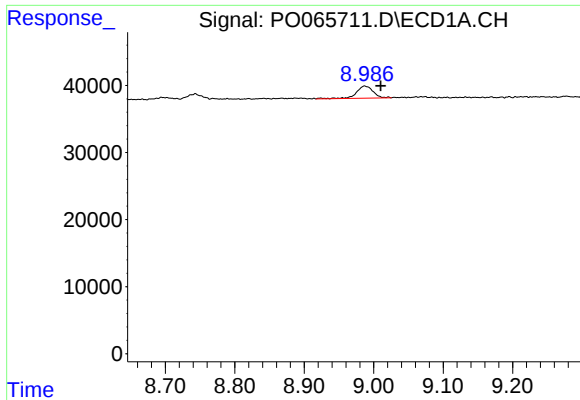
#39 AR-1262-4

R.T.: 8.393 min
Delta R.T.: -0.019 min
Response: 16857
Conc: 9.54 ng/ml



#39 AR-1262-4

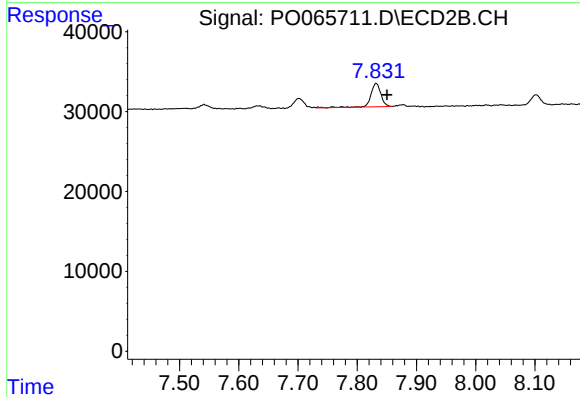
R.T.: 7.339 min
Delta R.T.: -0.019 min
Response: 89136
Conc: 25.92 ng/ml



#40 AR-1262-5

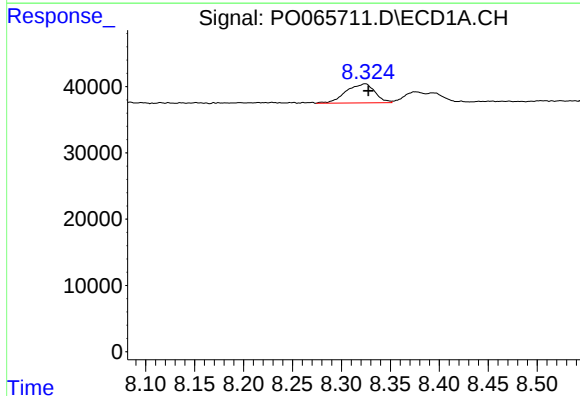
R.T.: 8.987 min
Delta R.T.: -0.023 min
Response: 30260
Conc: 22.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



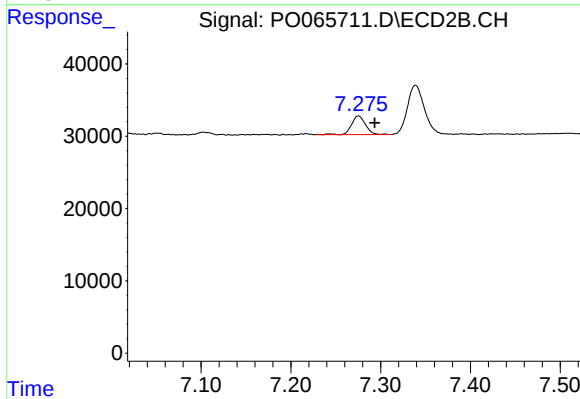
#40 AR-1262-5

R.T.: 7.832 min
Delta R.T.: -0.018 min
Response: 34083
Conc: 19.99 ng/ml



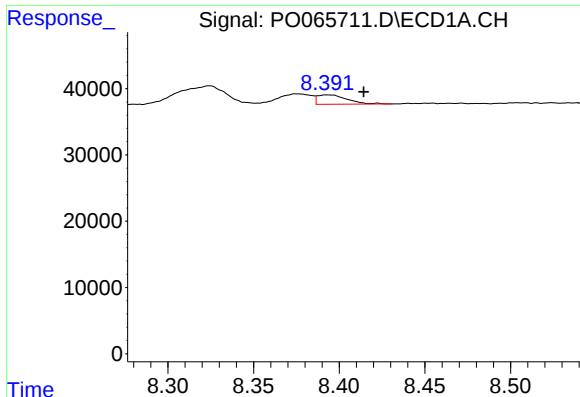
#41 AR-1268-1

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 58993
Conc: 14.50 ng/ml



#41 AR-1268-1

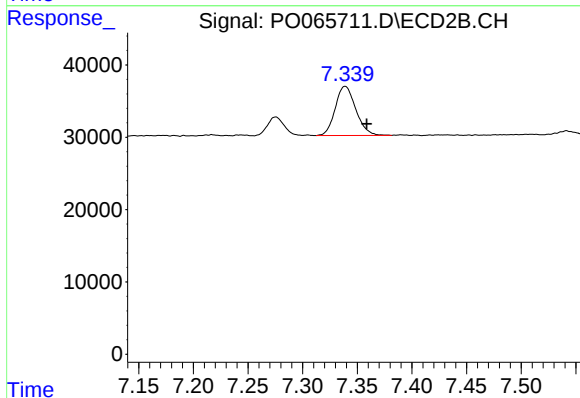
R.T.: 7.275 min
Delta R.T.: -0.018 min
Response: 28353
Conc: 5.34 ng/ml



#42 AR-1268-2

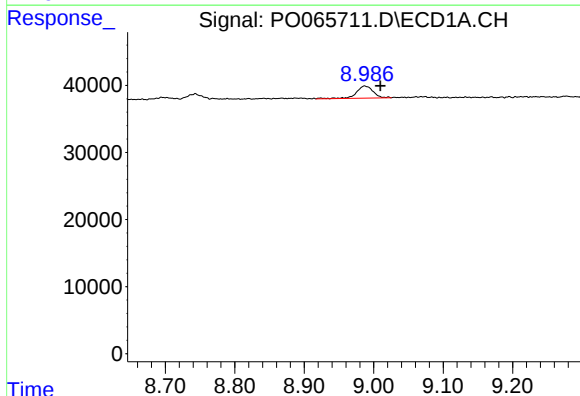
R.T.: 8.393 min
Delta R.T.: -0.021 min
Response: 16857
Conc: 4.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



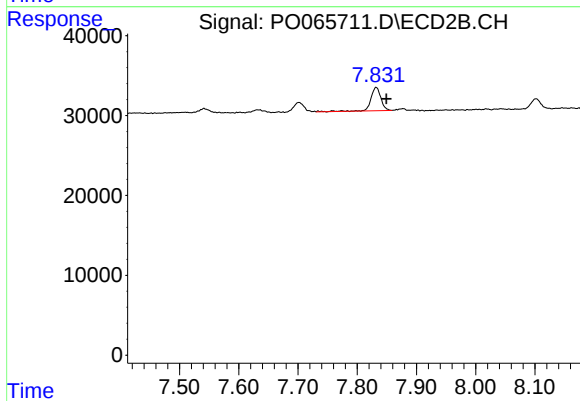
#42 AR-1268-2

R.T.: 7.339 min
Delta R.T.: -0.020 min
Response: 89136
Conc: 17.55 ng/ml



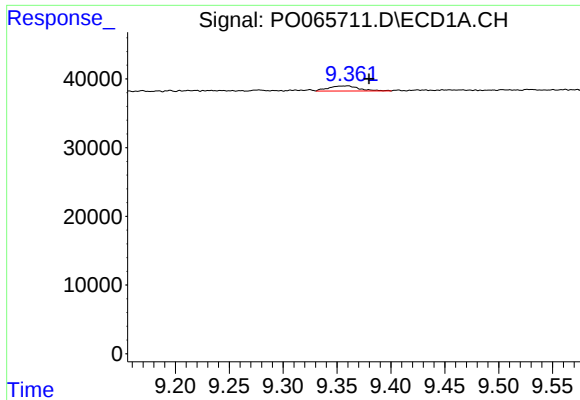
#44 AR-1268-4

R.T.: 8.987 min
Delta R.T.: -0.023 min
Response: 30260
Conc: 19.70 ng/ml



#44 AR-1268-4

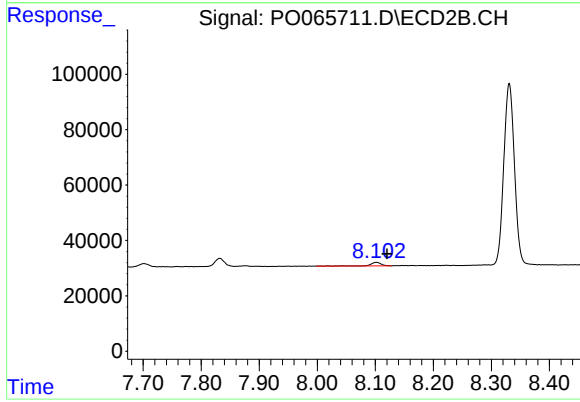
R.T.: 7.832 min
Delta R.T.: -0.018 min
Response: 34083
Conc: 17.22 ng/ml



#45 AR-1268-5

R.T.: 9.360 min
Delta R.T.: -0.020 min
Response: 14423
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020



#45 AR-1268-5

R.T.: 8.102 min
Delta R.T.: -0.018 min
Response: 15331
Conc: 1.07 ng/ml