

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081919\
 Data File : P0059470.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 19 Aug 2019 20:15
 Operator : SM/AJ
 Sample : K3591-09
 Misc : AR1268 MDL 25PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:10:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.140	3.505	444657	428146	12.700	11.894
2)	SA Decachlor...	9.626	8.376	884532	666804	16.626	16.537
Target Compounds							
3)	L1 AR-1016-1	5.295	0.000	4990	0	3.111	N.D. #
4)	L1 AR-1016-2	5.295	0.000	4990	0	2.086	N.D. #
5)	L1 AR-1016-3	5.396	4.774	272	3379	0.182	3.124 #
6)	L1 AR-1016-4	5.421	4.790	824	1519	0.681	1.683 #
7)	L1 AR-1016-5	5.759	0.000	2612	0	2.034	N.D. #
9)	L2 AR-1221-2	4.440	3.797	6437	8509	19.819	27.934 #
12)	L3 AR-1232-2	5.025	0.000	4087	0	5.786	N.D. #
13)	L3 AR-1232-3	5.295	4.774	4990	3379	3.258	4.963 #
14)	L3 AR-1232-4	5.421	4.790	824	1519	1.054	2.490 #
16)	L4 AR-1242-1	5.295	0.000	4990	0	3.930	N.D. #
17)	L4 AR-1242-2	5.295	0.000	4990	0	2.689	N.D. #
18)	L4 AR-1242-3	5.396	4.774	272	3379	0.233	4.045 #
19)	L4 AR-1242-4	5.421	4.790	824	1519	0.851	1.821 #
20)	L4 AR-1242-5	6.227	5.363	4236	21503	3.371	19.223 #
21)	L5 AR-1248-1	5.295	0.000	4990	0	4.977	N.D. #
22)	L5 AR-1248-2	0.000	4.790	0	1519	N.D.	1.318 #
23)	L5 AR-1248-3	5.759	4.790	2612	1519	1.572	1.279
24)	L5 AR-1248-4	6.171	0.000	1465	0	0.717	N.D. #
25)	L5 AR-1248-5	6.227	5.363	4236	21503	2.136	15.024 #
26)	L6 AR-1254-1	6.135	5.363	25478	21503	12.211	9.066 #
27)	L6 AR-1254-2	0.000	5.554	0	31058	N.D.	14.801 #
28)	L6 AR-1254-3	6.716	5.878	24369	16964	6.867	5.045 #
29)	L6 AR-1254-4	0.000	6.129	0	9962	N.D.	4.832 #
30)	L6 AR-1254-5	7.411	6.513	3298	12611	1.067	4.062 #
31)	L7 AR-1260-1	6.898	6.009	21362	14791	7.924	6.490
32)	L7 AR-1260-2	7.128	6.195	48049	27647	12.949	9.436 #
33)	L7 AR-1260-3	7.481	6.343	48271	13581	14.733	5.127 #
34)	L7 AR-1260-4	7.719	6.797	73924	44962	24.069	19.872
35)	L7 AR-1260-5	8.012	7.049	69995	53020	9.885	9.634
36)	L8 AR-1262-1	7.481	6.552	48271	33744	9.947	9.053
37)	L8 AR-1262-2	8.012	7.049	69995	53020	9.072	9.018
38)	L8 AR-1262-3	8.293	7.324	228584	180467	44.800	71.023 #
39)	L8 AR-1262-4	8.380	7.391	181849	185863	47.176	42.060
40)	L8 AR-1262-5	8.975	7.882	114839	53375	44.744	29.561 #
41)	L9 AR-1268-1	8.293	7.324	228584	180467	24.290	25.343
42)	L9 AR-1268-2	8.380	7.391	181849	185863	23.069	28.825
43)	L9 AR-1268-3	8.579	7.586	171482	130410	24.328	23.834
44)	L9 AR-1268-4	8.975	7.882	114839	53375	41.308	26.148 #
45)	L9 AR-1268-5	9.338	8.149	441686	306247	23.950	21.078

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Acq On : 19 Aug 2019 20:15
Operator : SM/AJ
Sample : K3591-09
Misc : AR1268 MDL 25PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:10:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 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
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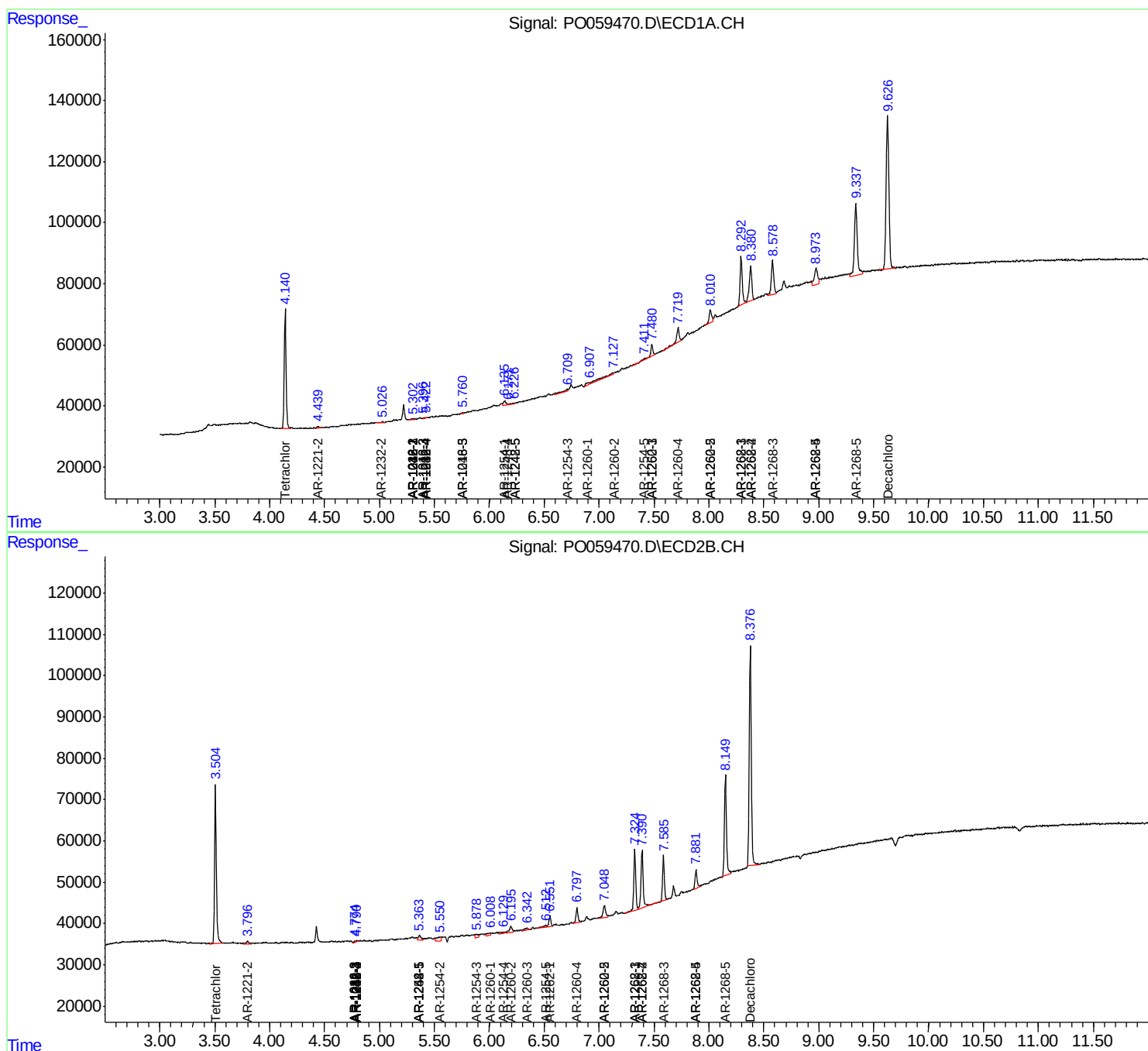
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

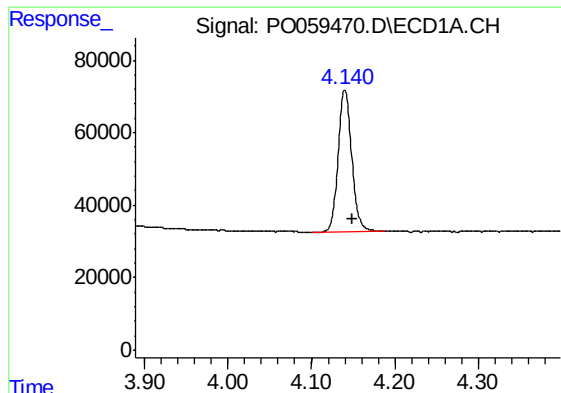
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081919\
Data File : PO059470.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 19 Aug 2019 20:15
Operator : SM/AJ
Sample : K3591-09
Misc : AR1268 MDL 25PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:10:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
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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

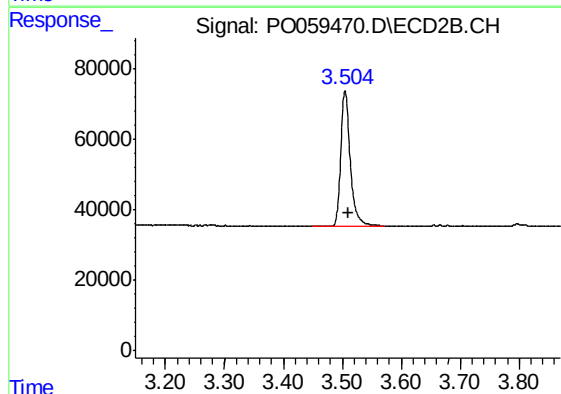




#1 Tetrachloro-m-xylene

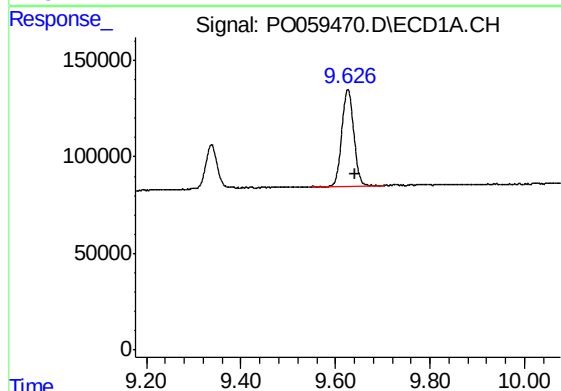
R.T.: 4.140 min
Delta R.T.: -0.009 min
Response: 444657
Conc: 12.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



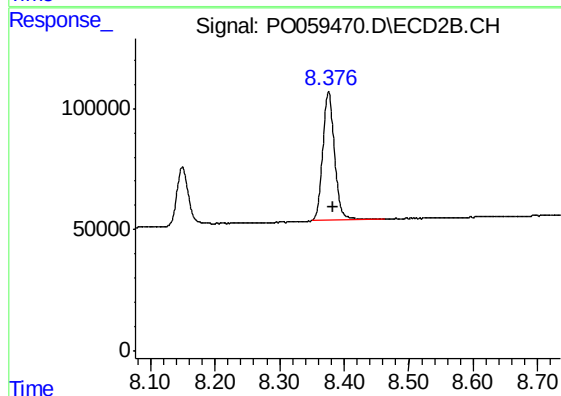
#1 Tetrachloro-m-xylene

R.T.: 3.505 min
Delta R.T.: -0.005 min
Response: 428146
Conc: 11.89 ng/ml



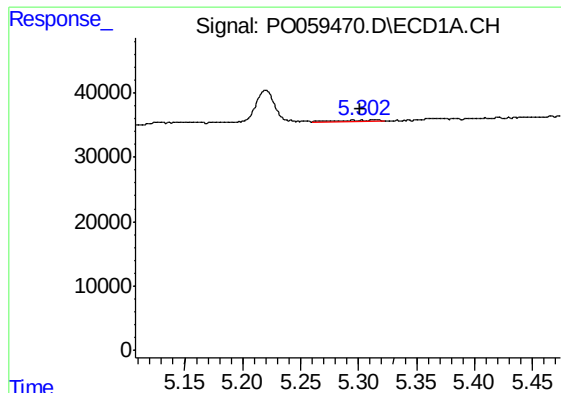
#2 Decachlorobiphenyl

R.T.: 9.626 min
Delta R.T.: -0.015 min
Response: 884532
Conc: 16.63 ng/ml



#2 Decachlorobiphenyl

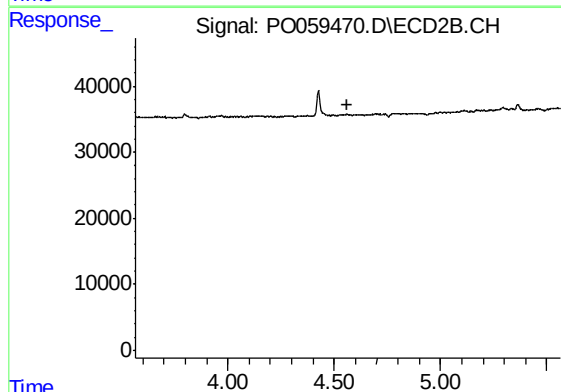
R.T.: 8.376 min
Delta R.T.: -0.007 min
Response: 666804
Conc: 16.54 ng/ml



#3 AR-1016-1

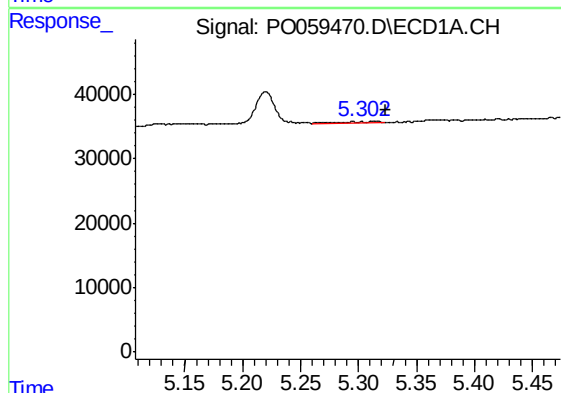
R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 4990
Conc: 3.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



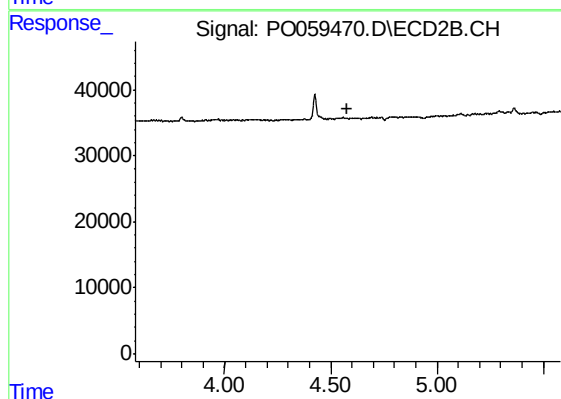
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.565 min
Response: 0
Conc: N.D.



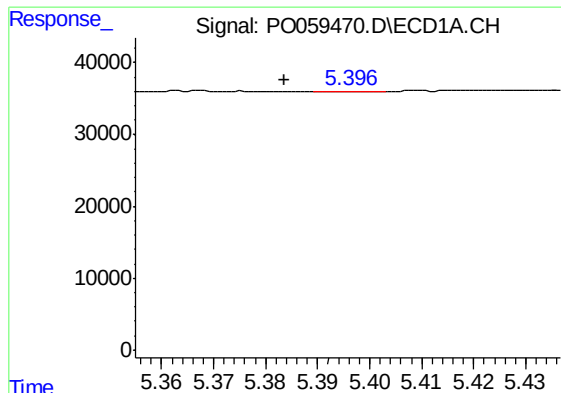
#4 AR-1016-2

R.T.: 5.295 min
Delta R.T.: -0.028 min
Response: 4990
Conc: 2.09 ng/ml



#4 AR-1016-2

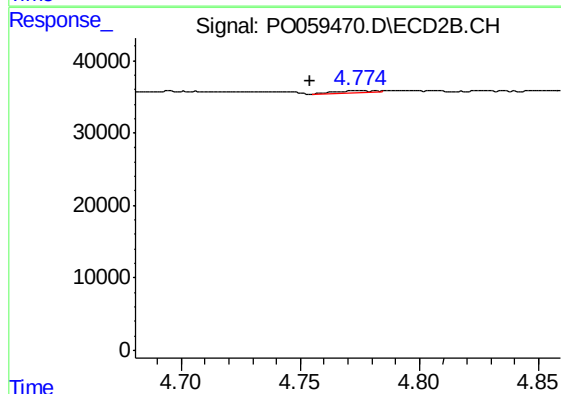
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#5 AR-1016-3

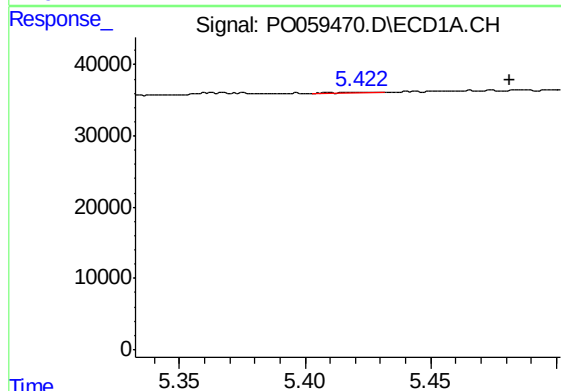
R.T.: 5.396 min
Delta R.T.: 0.013 min
Response: 272
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



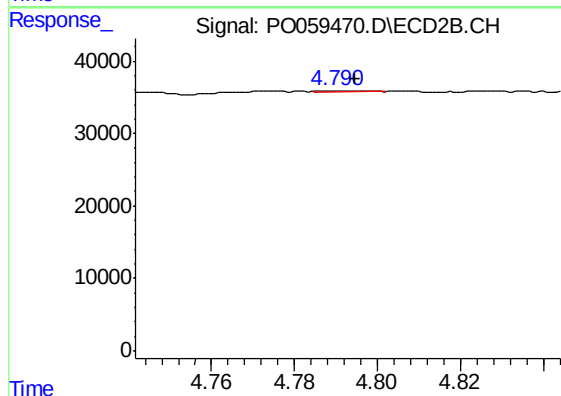
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: 0.020 min
Response: 3379
Conc: 3.12 ng/ml



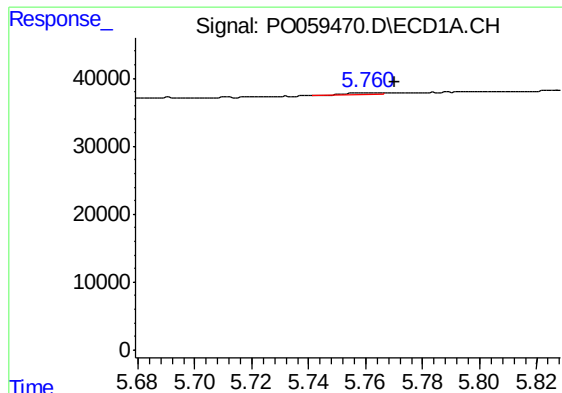
#6 AR-1016-4

R.T.: 5.421 min
Delta R.T.: -0.061 min
Response: 824
Conc: 0.68 ng/ml



#6 AR-1016-4

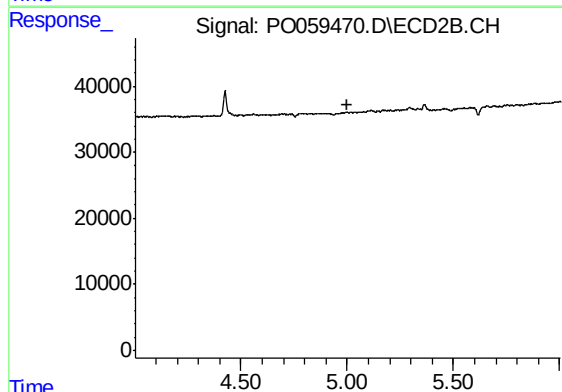
R.T.: 4.790 min
Delta R.T.: -0.005 min
Response: 1519
Conc: 1.68 ng/ml



#7 AR-1016-5

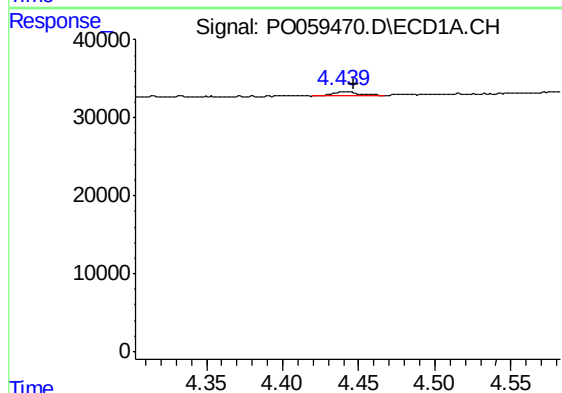
R.T.: 5.759 min
Delta R.T.: -0.011 min
Response: 2612
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



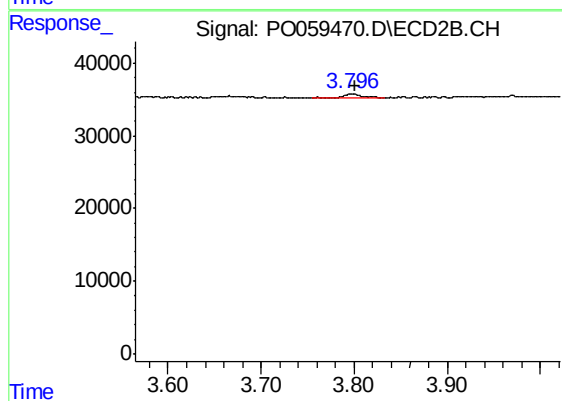
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



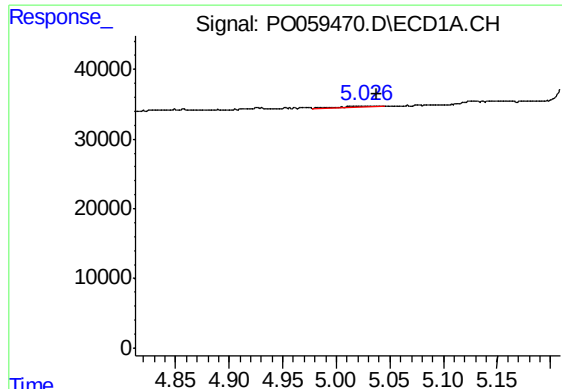
#9 AR-1221-2

R.T.: 4.440 min
Delta R.T.: -0.006 min
Response: 6437
Conc: 19.82 ng/ml



#9 AR-1221-2

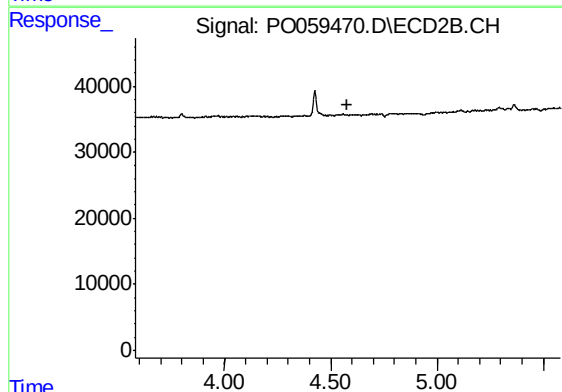
R.T.: 3.797 min
Delta R.T.: -0.004 min
Response: 8509
Conc: 27.93 ng/ml



#12 AR-1232-2

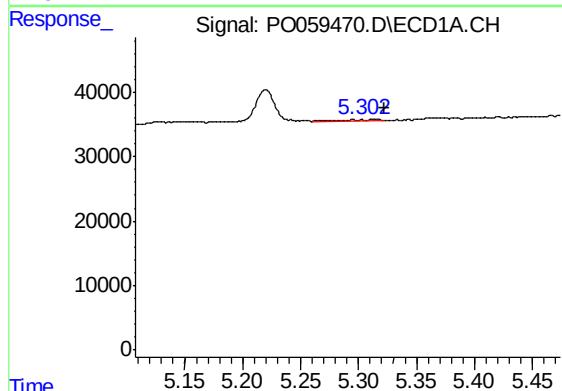
R.T.: 5.025 min
Delta R.T.: -0.012 min
Response: 4087
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



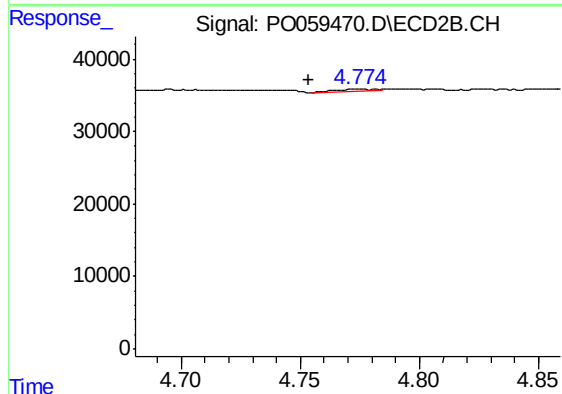
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



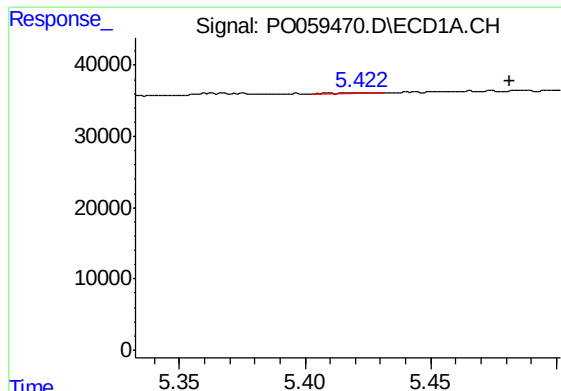
#13 AR-1232-3

R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 4990
Conc: 3.26 ng/ml



#13 AR-1232-3

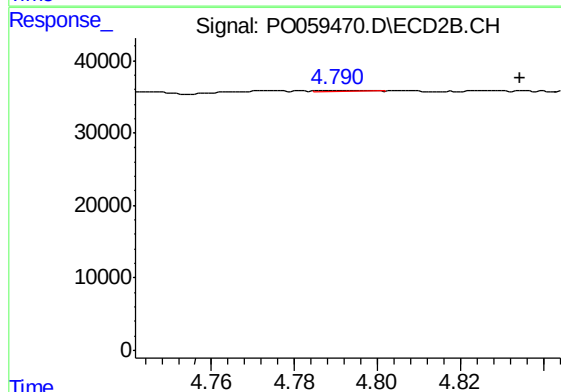
R.T.: 4.774 min
Delta R.T.: 0.020 min
Response: 3379
Conc: 4.96 ng/ml



#14 AR-1232-4

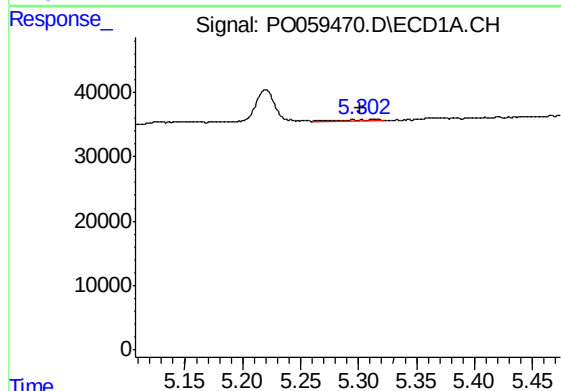
R.T.: 5.421 min
Delta R.T.: -0.061 min
Response: 824
Conc: 1.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



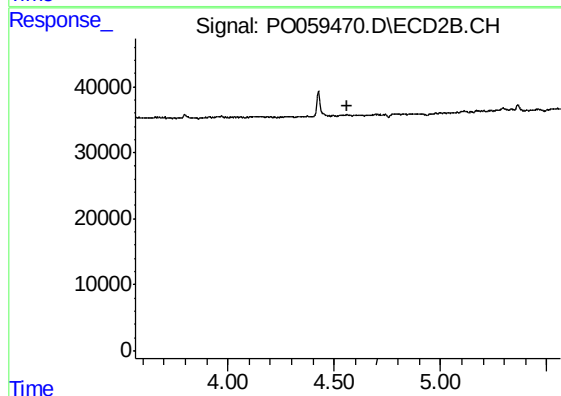
#14 AR-1232-4

R.T.: 4.790 min
Delta R.T.: -0.044 min
Response: 1519
Conc: 2.49 ng/ml



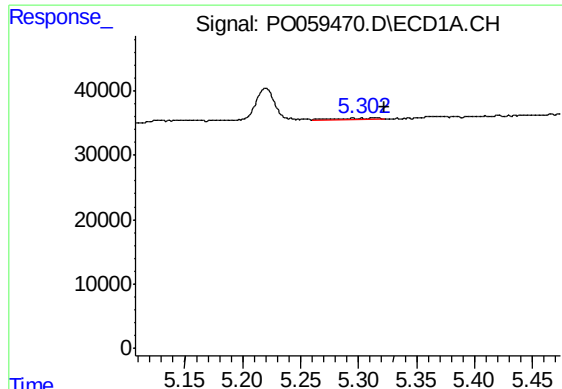
#16 AR-1242-1

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 4990
Conc: 3.93 ng/ml



#16 AR-1242-1

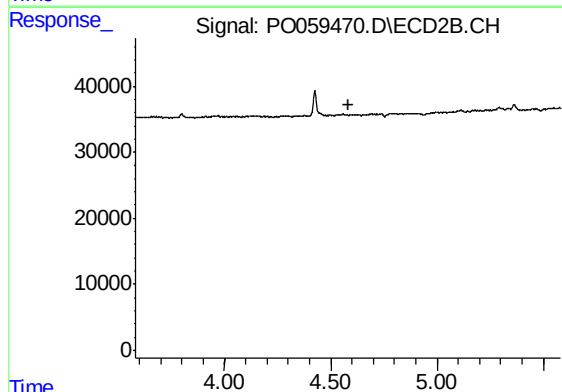
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

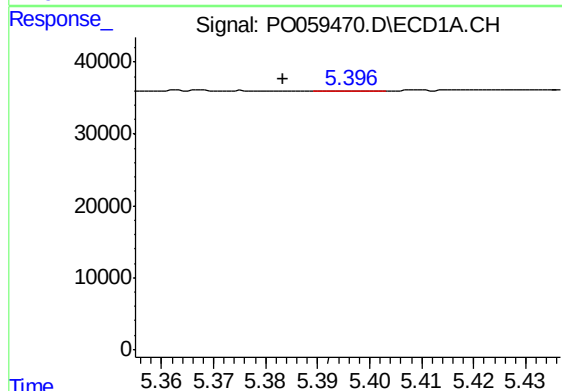
R.T.: 5.295 min
Delta R.T.: -0.028 min
Response: 4990
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



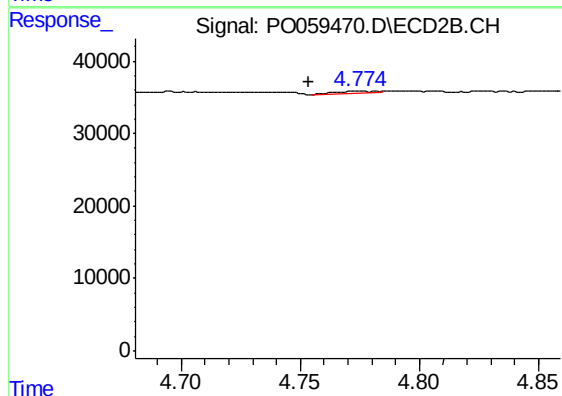
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



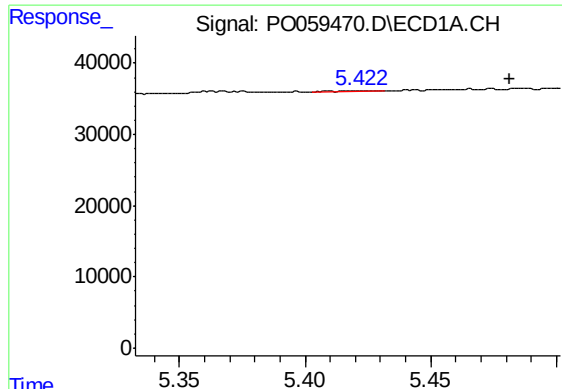
#18 AR-1242-3

R.T.: 5.396 min
Delta R.T.: 0.013 min
Response: 272
Conc: 0.23 ng/ml



#18 AR-1242-3

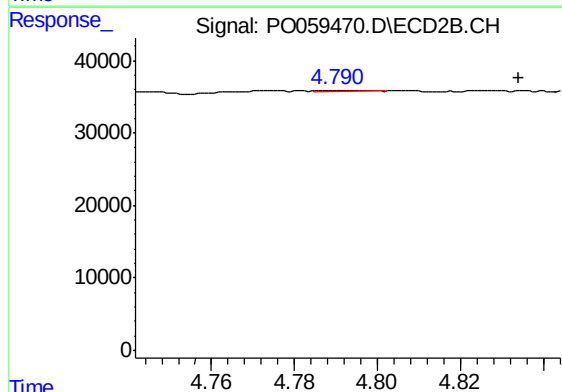
R.T.: 4.774 min
Delta R.T.: 0.020 min
Response: 3379
Conc: 4.04 ng/ml



#19 AR-1242-4

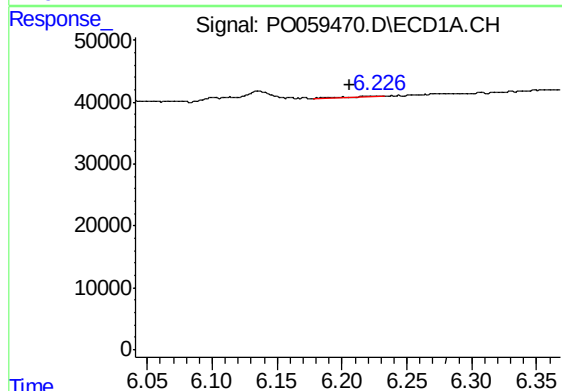
R.T.: 5.421 min
Delta R.T.: -0.061 min
Response: 824
Conc: 0.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



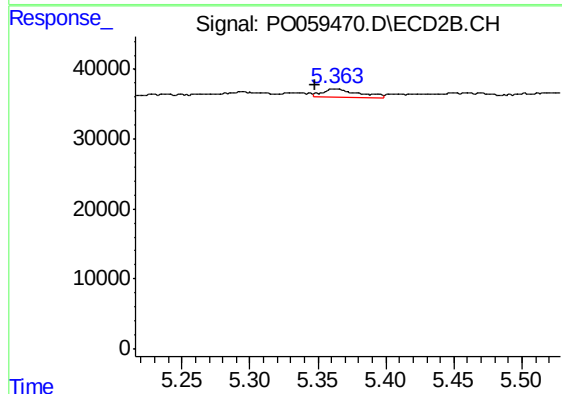
#19 AR-1242-4

R.T.: 4.790 min
Delta R.T.: -0.044 min
Response: 1519
Conc: 1.82 ng/ml



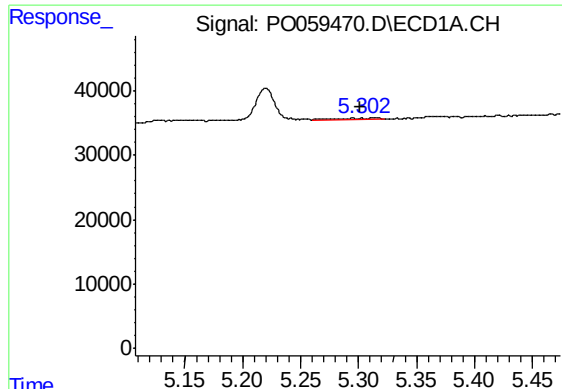
#20 AR-1242-5

R.T.: 6.227 min
Delta R.T.: 0.021 min
Response: 4236
Conc: 3.37 ng/ml



#20 AR-1242-5

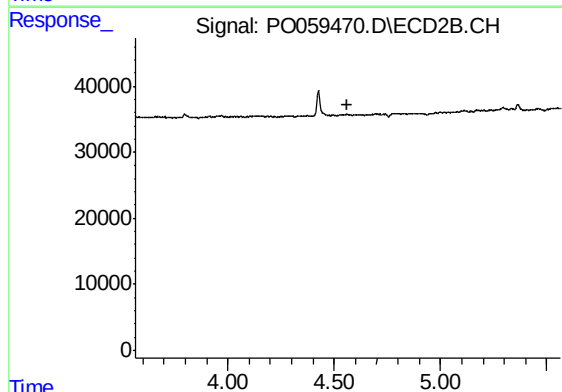
R.T.: 5.363 min
Delta R.T.: 0.015 min
Response: 21503
Conc: 19.22 ng/ml



#21 AR-1248-1

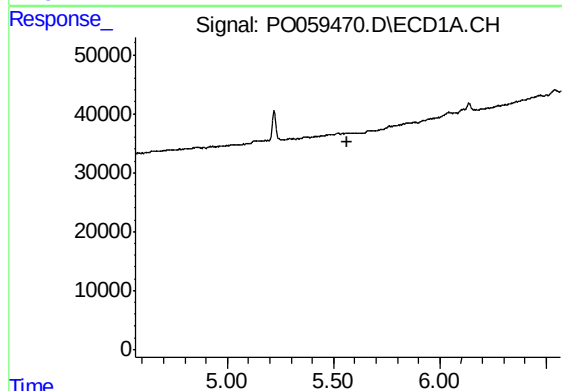
R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 4990
Conc: 4.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



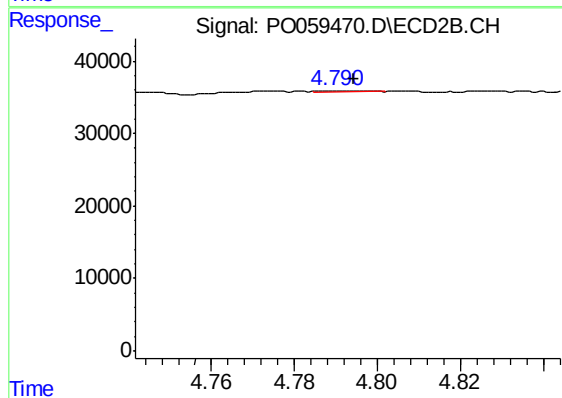
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



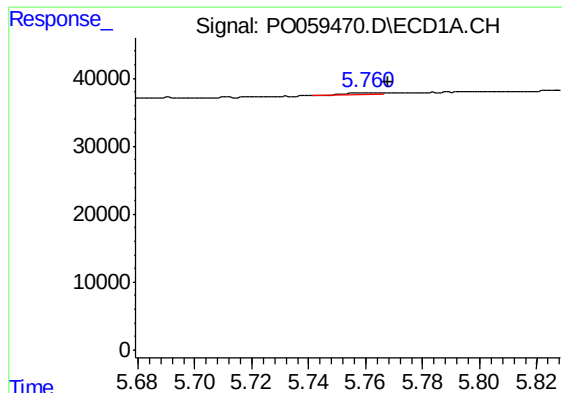
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



#22 AR-1248-2

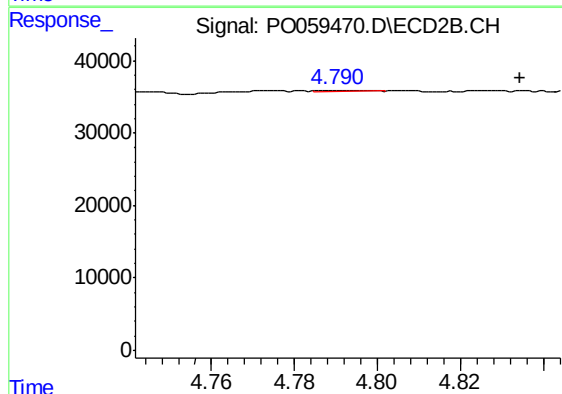
R.T.: 4.790 min
Delta R.T.: -0.004 min
Response: 1519
Conc: 1.32 ng/ml



#23 AR-1248-3

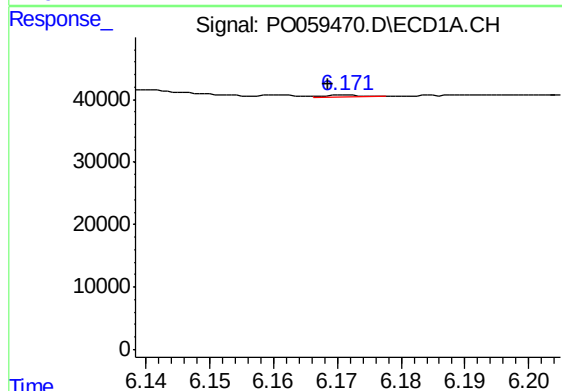
R.T.: 5.759 min
Delta R.T.: -0.009 min
Response: 2612
Conc: 1.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



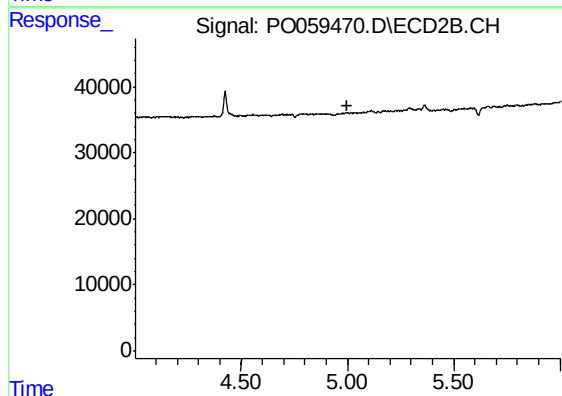
#23 AR-1248-3

R.T.: 4.790 min
Delta R.T.: -0.045 min
Response: 1519
Conc: 1.28 ng/ml



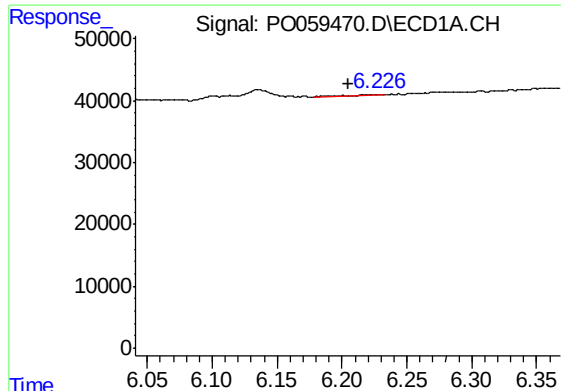
#24 AR-1248-4

R.T.: 6.171 min
Delta R.T.: 0.003 min
Response: 1465
Conc: 0.72 ng/ml



#24 AR-1248-4

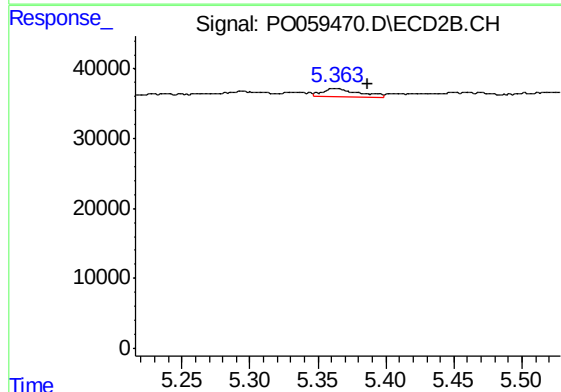
R.T.: 0.000 min
Exp R.T. : 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

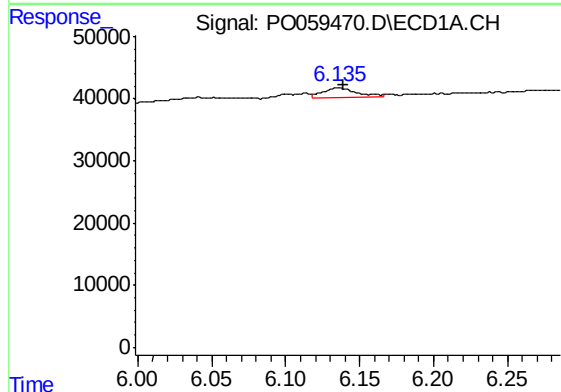
R.T.: 6.227 min
Delta R.T.: 0.022 min
Response: 4236
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



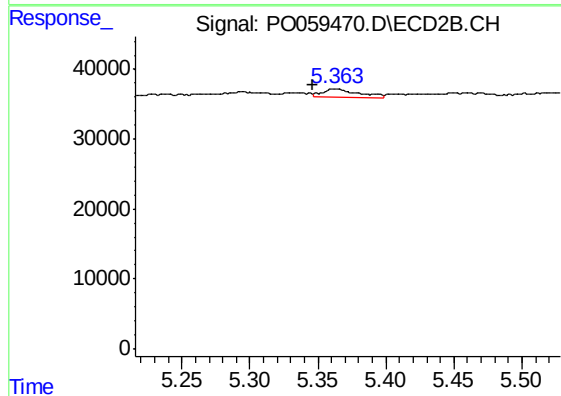
#25 AR-1248-5

R.T.: 5.363 min
Delta R.T.: -0.024 min
Response: 21503
Conc: 15.02 ng/ml



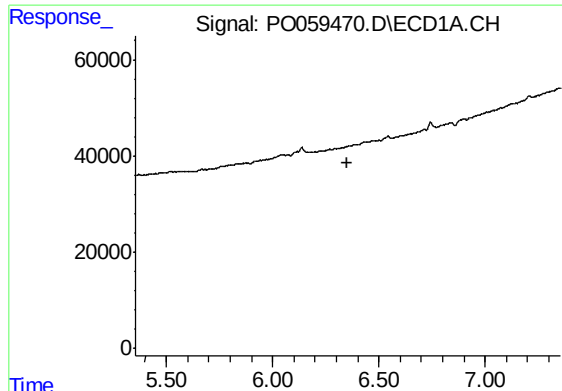
#26 AR-1254-1

R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 25478
Conc: 12.21 ng/ml



#26 AR-1254-1

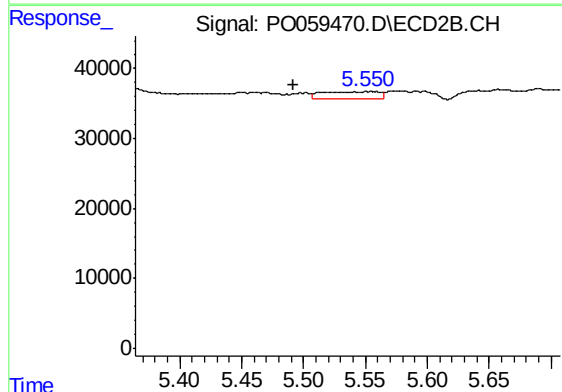
R.T.: 5.363 min
Delta R.T.: 0.017 min
Response: 21503
Conc: 9.07 ng/ml



#27 AR-1254-2

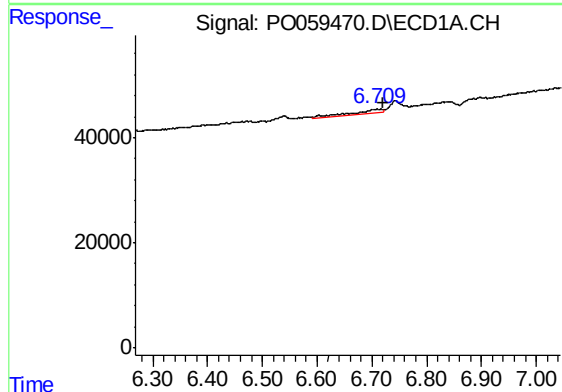
R.T.: 0.000 min
Exp R.T.: 6.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



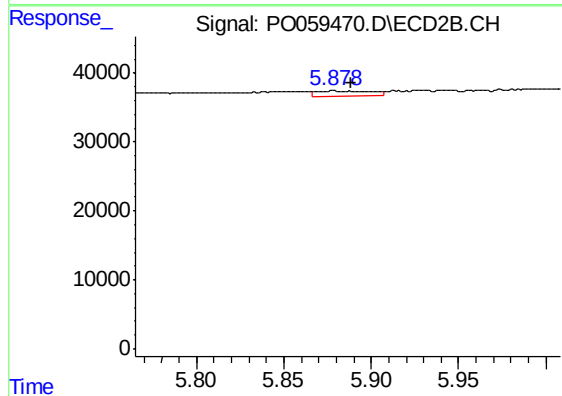
#27 AR-1254-2

R.T.: 5.554 min
Delta R.T.: 0.062 min
Response: 31058
Conc: 14.80 ng/ml



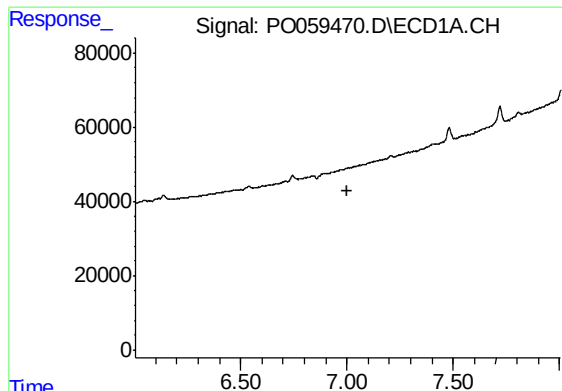
#28 AR-1254-3

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 24369
Conc: 6.87 ng/ml



#28 AR-1254-3

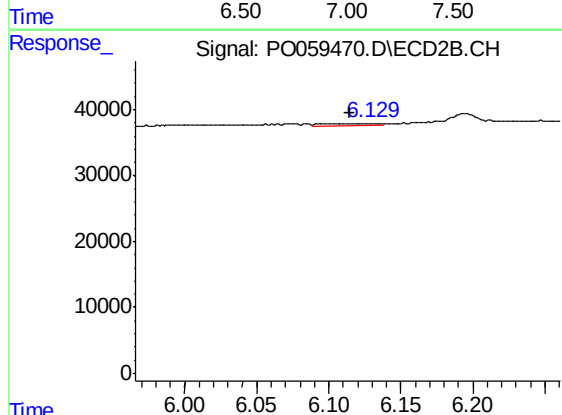
R.T.: 5.878 min
Delta R.T.: -0.010 min
Response: 16964
Conc: 5.05 ng/ml



#29 AR-1254-4

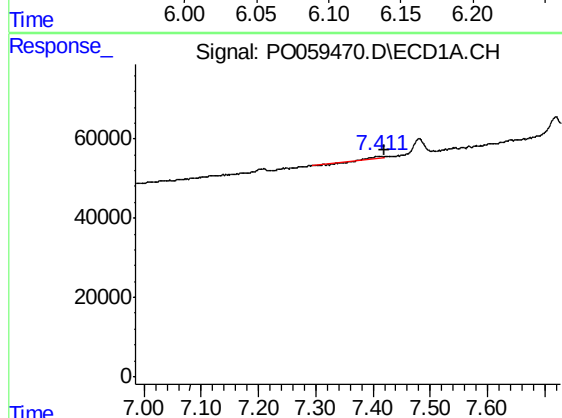
R.T.: 0.000 min
Exp R.T.: 7.005 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



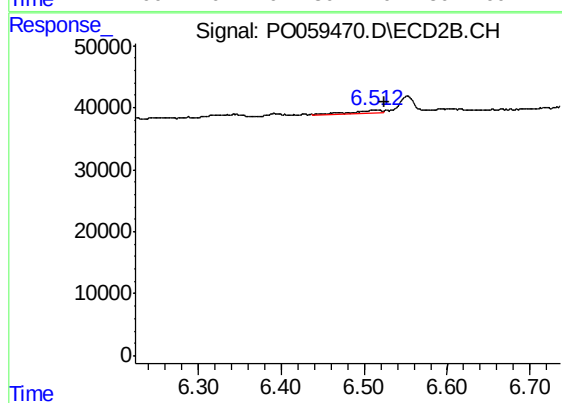
#29 AR-1254-4

R.T.: 6.129 min
Delta R.T.: 0.014 min
Response: 9962
Conc: 4.83 ng/ml



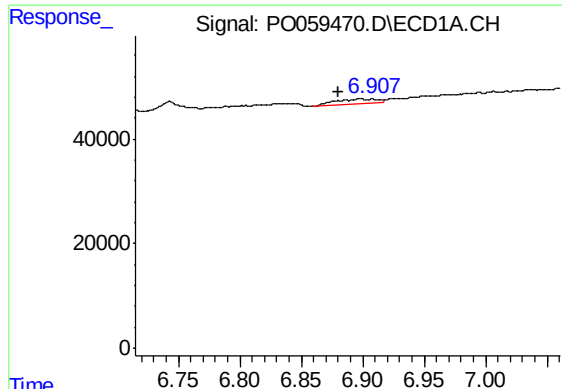
#30 AR-1254-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 3298
Conc: 1.07 ng/ml



#30 AR-1254-5

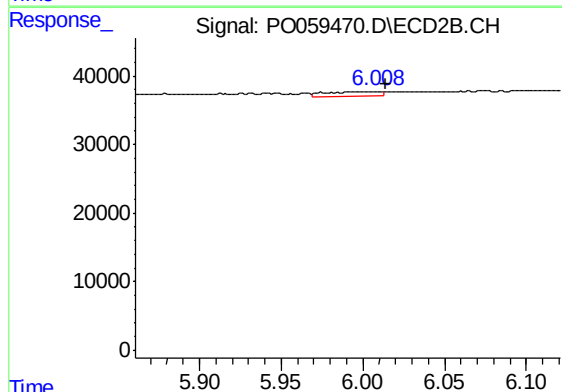
R.T.: 6.513 min
Delta R.T.: -0.011 min
Response: 12611
Conc: 4.06 ng/ml



#31 AR-1260-1

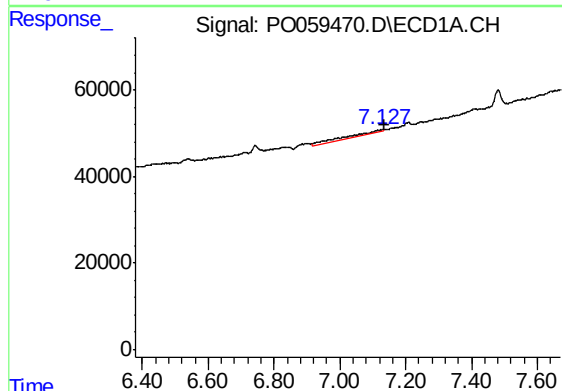
R.T.: 6.898 min
Delta R.T.: 0.018 min
Response: 21362
Conc: 7.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



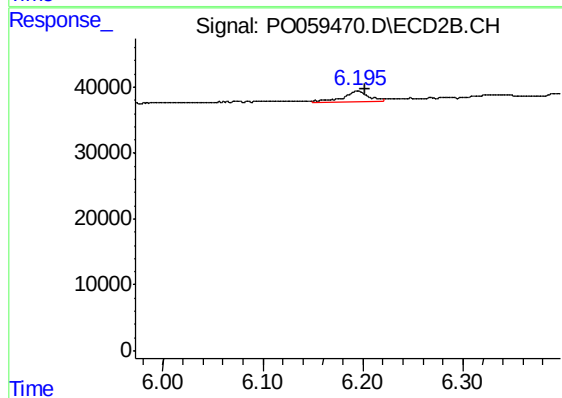
#31 AR-1260-1

R.T.: 6.009 min
Delta R.T.: -0.006 min
Response: 14791
Conc: 6.49 ng/ml



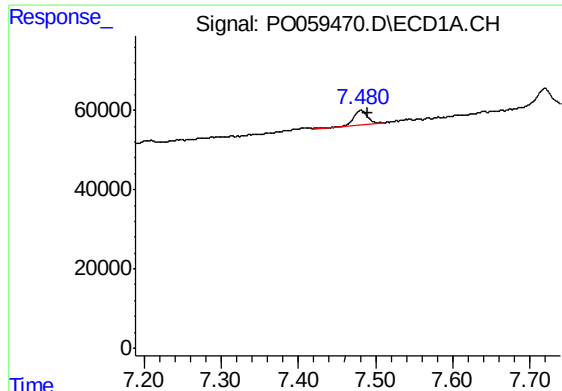
#32 AR-1260-2

R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 48049
Conc: 12.95 ng/ml



#32 AR-1260-2

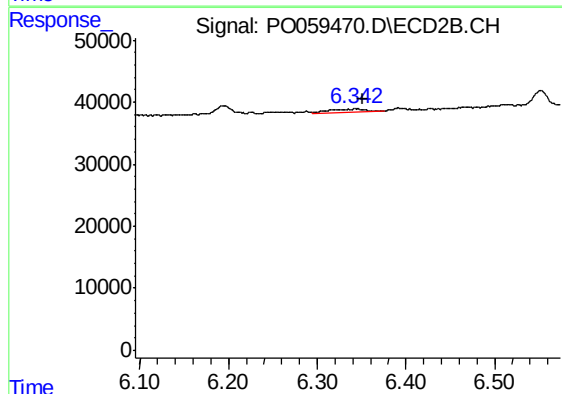
R.T.: 6.195 min
Delta R.T.: -0.007 min
Response: 27647
Conc: 9.44 ng/ml



#33 AR-1260-3

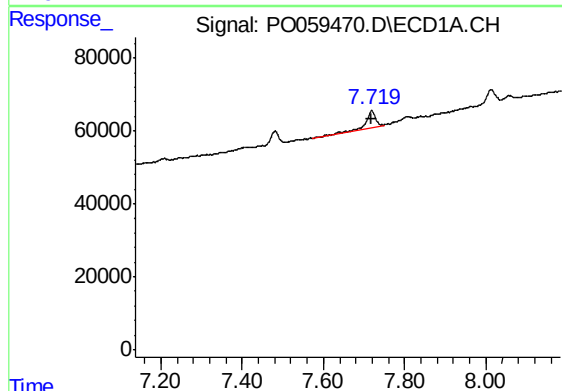
R.T.: 7.481 min
Delta R.T.: -0.009 min
Response: 48271
Conc: 14.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



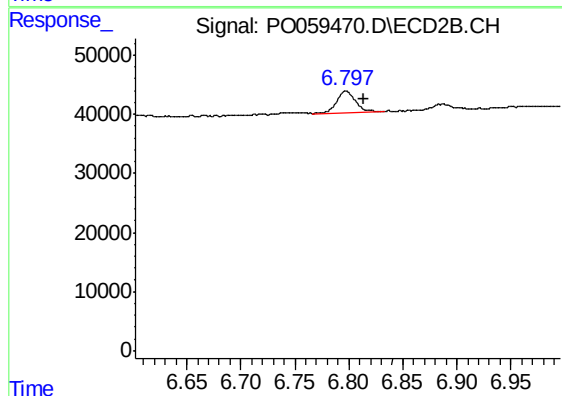
#33 AR-1260-3

R.T.: 6.343 min
Delta R.T.: -0.008 min
Response: 13581
Conc: 5.13 ng/ml



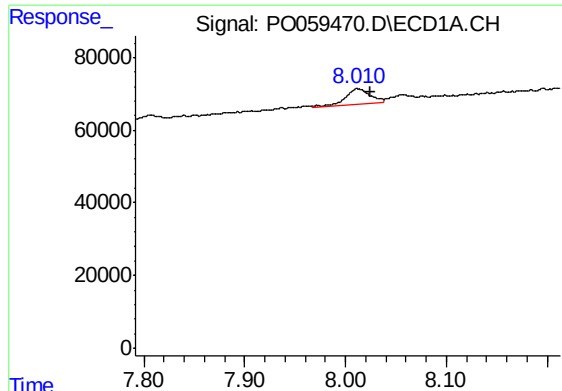
#34 AR-1260-4

R.T.: 7.719 min
Delta R.T.: 0.002 min
Response: 73924
Conc: 24.07 ng/ml



#34 AR-1260-4

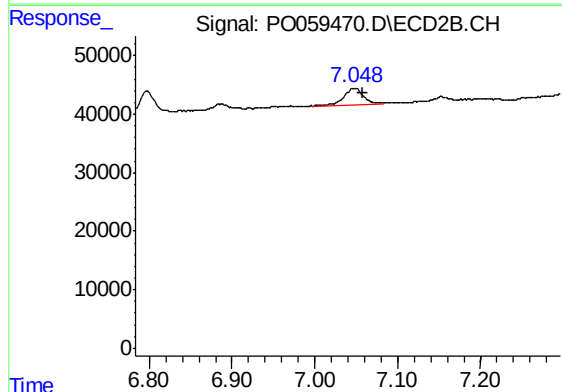
R.T.: 6.797 min
Delta R.T.: -0.017 min
Response: 44962
Conc: 19.87 ng/ml



#35 AR-1260-5

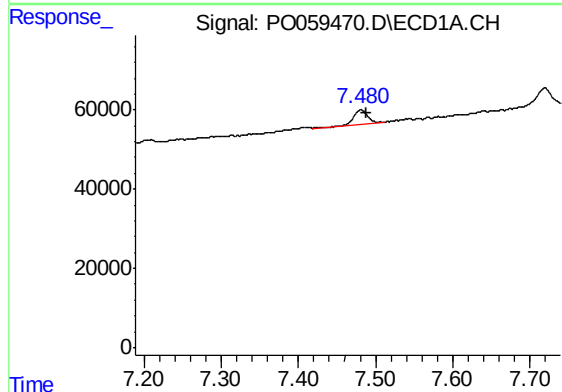
R.T.: 8.012 min
Delta R.T.: -0.012 min
Response: 69995
Conc: 9.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



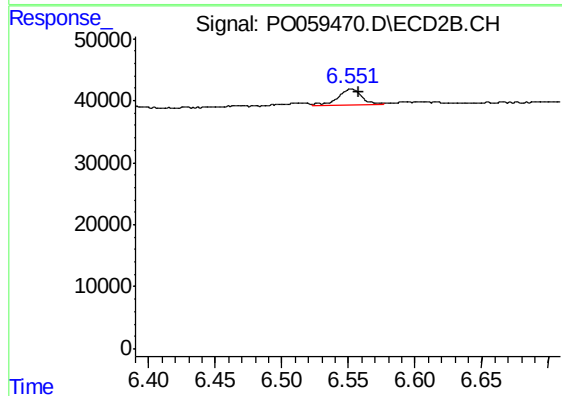
#35 AR-1260-5

R.T.: 7.049 min
Delta R.T.: -0.009 min
Response: 53020
Conc: 9.63 ng/ml



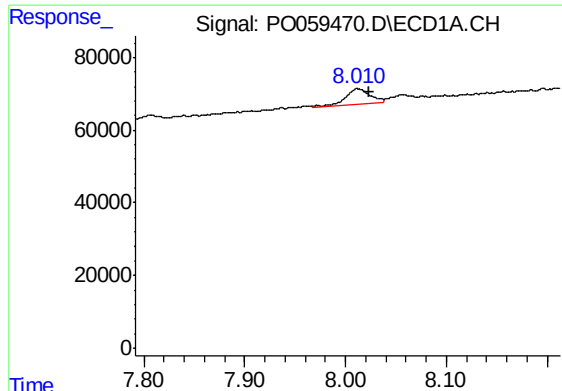
#36 AR-1262-1

R.T.: 7.481 min
Delta R.T.: -0.008 min
Response: 48271
Conc: 9.95 ng/ml



#36 AR-1262-1

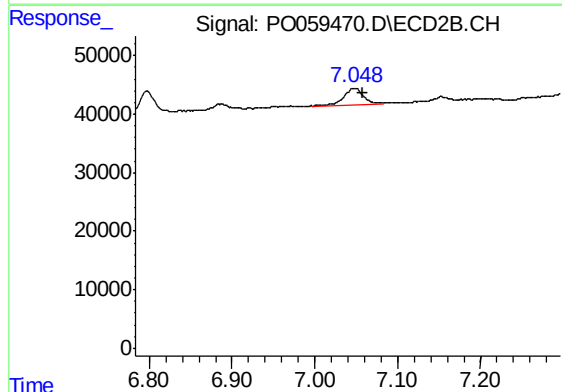
R.T.: 6.552 min
Delta R.T.: -0.006 min
Response: 33744
Conc: 9.05 ng/ml



#37 AR-1262-2

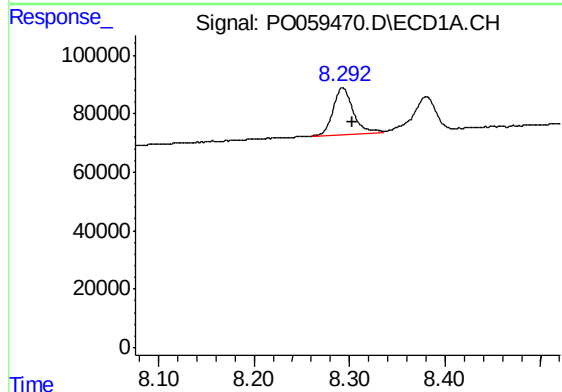
R.T.: 8.012 min
Delta R.T.: -0.011 min
Response: 69995
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



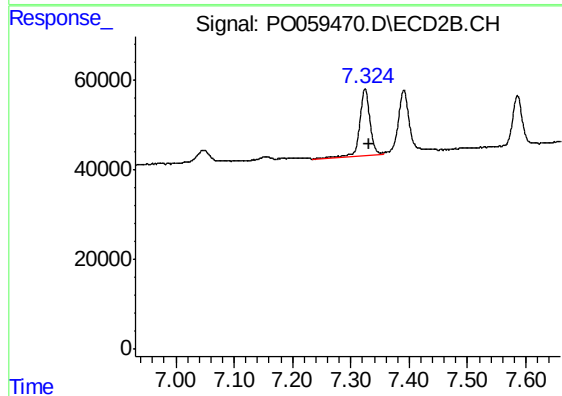
#37 AR-1262-2

R.T.: 7.049 min
Delta R.T.: -0.009 min
Response: 53020
Conc: 9.02 ng/ml



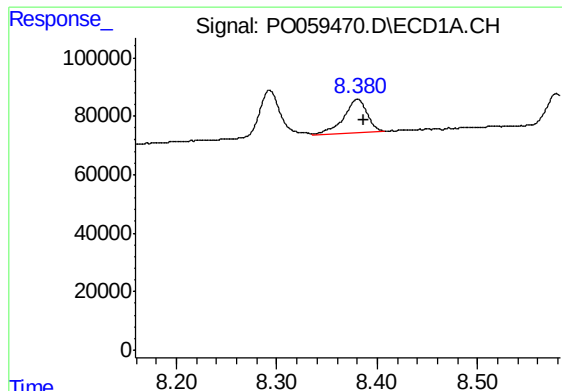
#38 AR-1262-3

R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 228584
Conc: 44.80 ng/ml



#38 AR-1262-3

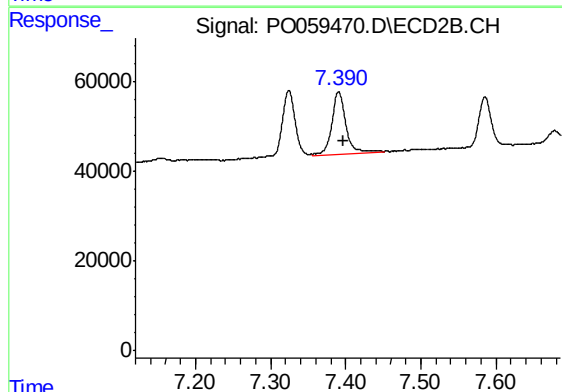
R.T.: 7.324 min
Delta R.T.: -0.008 min
Response: 180467
Conc: 71.02 ng/ml



#39 AR-1262-4

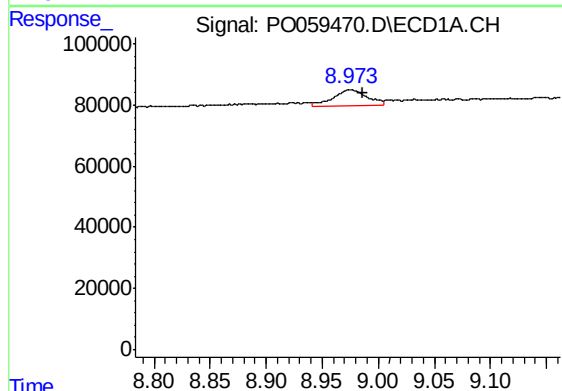
R.T.: 8.380 min
Delta R.T.: -0.006 min
Response: 181849
Conc: 47.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



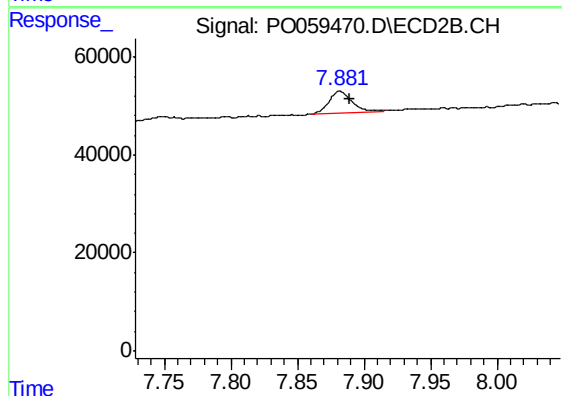
#39 AR-1262-4

R.T.: 7.391 min
Delta R.T.: -0.007 min
Response: 185863
Conc: 42.06 ng/ml



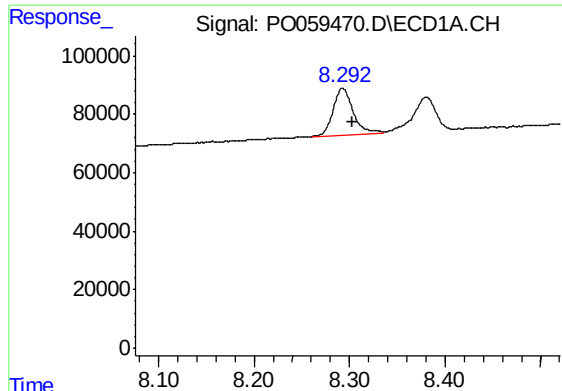
#40 AR-1262-5

R.T.: 8.975 min
Delta R.T.: -0.011 min
Response: 114839
Conc: 44.74 ng/ml



#40 AR-1262-5

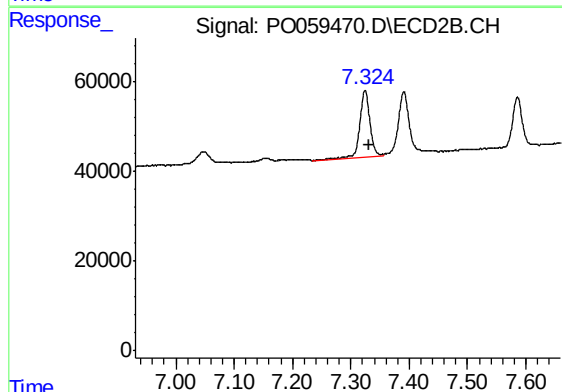
R.T.: 7.882 min
Delta R.T.: -0.008 min
Response: 53375
Conc: 29.56 ng/ml



#41 AR-1268-1

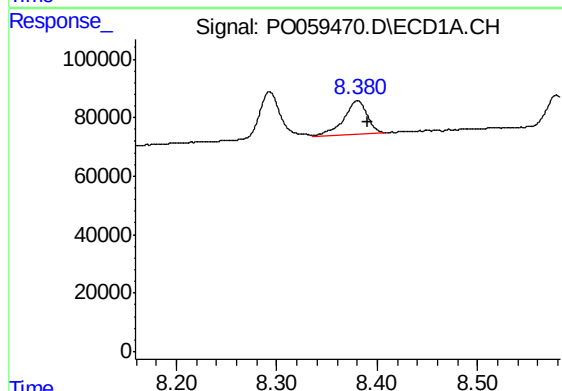
R.T.: 8.293 min
Delta R.T.: -0.010 min
Response: 228584
Conc: 24.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



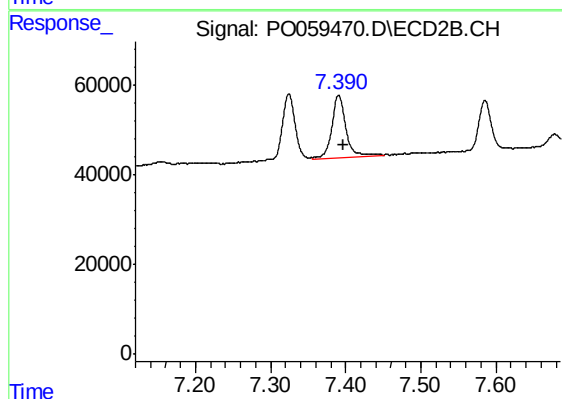
#41 AR-1268-1

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 180467
Conc: 25.34 ng/ml



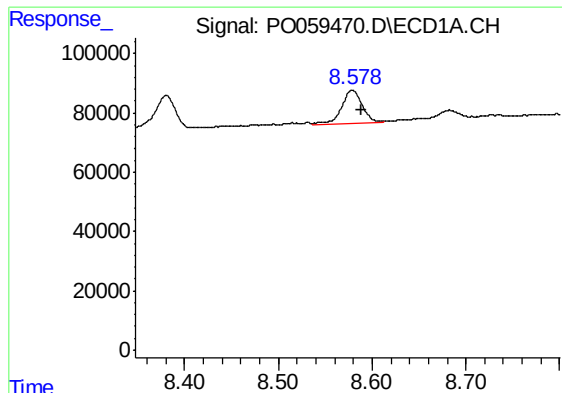
#42 AR-1268-2

R.T.: 8.380 min
Delta R.T.: -0.010 min
Response: 181849
Conc: 23.07 ng/ml



#42 AR-1268-2

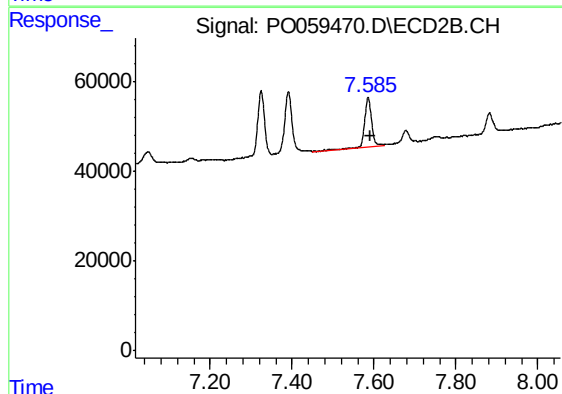
R.T.: 7.391 min
Delta R.T.: -0.007 min
Response: 185863
Conc: 28.82 ng/ml



#43 AR-1268-3

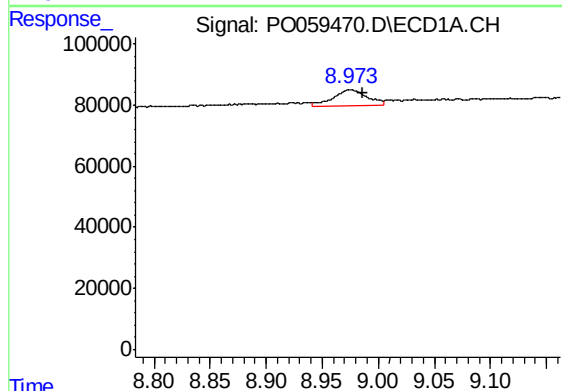
R.T.: 8.579 min
Delta R.T.: -0.010 min
Response: 171482
Conc: 24.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



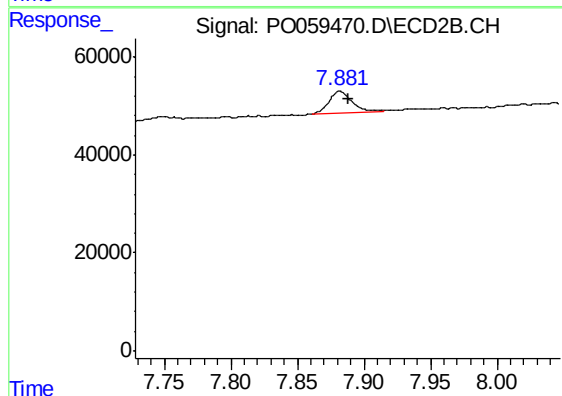
#43 AR-1268-3

R.T.: 7.586 min
Delta R.T.: -0.007 min
Response: 130410
Conc: 23.83 ng/ml



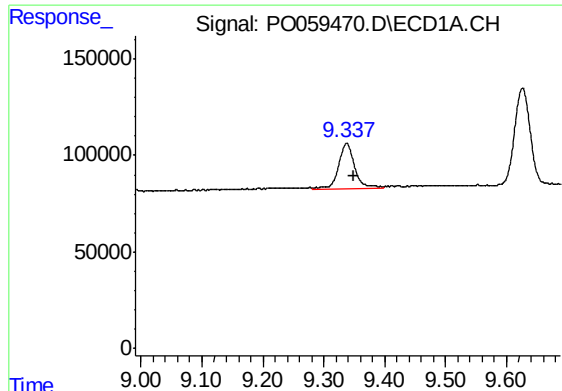
#44 AR-1268-4

R.T.: 8.975 min
Delta R.T.: -0.011 min
Response: 114839
Conc: 41.31 ng/ml



#44 AR-1268-4

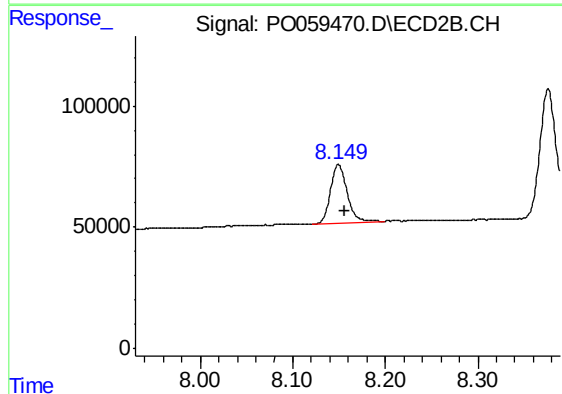
R.T.: 7.882 min
Delta R.T.: -0.007 min
Response: 53375
Conc: 26.15 ng/ml



#45 AR-1268-5

R.T.: 9.338 min
Delta R.T.: -0.012 min
Response: 441686
Conc: 23.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019



#45 AR-1268-5

R.T.: 8.149 min
Delta R.T.: -0.007 min
Response: 306247
Conc: 21.08 ng/ml