

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
 Data File : PR042343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2019 13:25
 Operator : SM\AJ
 Sample : K5111-09
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 16:33:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 17 06:40:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.723	3.983	64181273	246.5E6	13.477	14.476
2)	SA Decachlor...	10.650	9.096	48335568	142.8E6	13.825	14.065
Target Compounds							
3)	L1 AR-1016-1	5.901	5.082	3514503	12148016	22.485	22.778
4)	L1 AR-1016-2	5.925	5.102	4536067	15427082	20.379	20.990
5)	L1 AR-1016-3	5.925	5.281	4536067	6796973	34.337	20.940 #
6)	L1 AR-1016-4	0.000	5.320	0	5503760	N.D.	21.074 #
7)	L1 AR-1016-5	0.000	5.537	0	5373440	N.D.	18.130 #
9)	L2 AR-1221-2	0.000	4.289	0	5524572	N.D.	43.700 #
10)	L2 AR-1221-3	0.000	4.361	0	6040433	N.D.	15.007 #
11)	L3 AR-1232-1	0.000	4.361	0	6040433	N.D.	10.401 #
12)	L3 AR-1232-2	0.000	5.102	0	15427082	N.D.	27.407 #
13)	L3 AR-1232-3	5.925	5.281	4536067	6796973	27.072	26.873
14)	L3 AR-1232-4	0.000	5.364	0	5833642	N.D.	27.684 #
15)	L3 AR-1232-5	0.000	5.537	0	5373440	N.D.	25.618 #
16)	L4 AR-1242-1	5.901	5.082	3514503	12148016	29.971	29.497
17)	L4 AR-1242-2	5.925	5.102	4536067	15427082	26.885	27.706
18)	L4 AR-1242-3	5.925	5.281	4536067	6796973	45.128	25.724 #
19)	L4 AR-1242-4	0.000	5.364	0	5833642	N.D.	24.185 #
20)	L4 AR-1242-5	0.000	5.892	0	4408489	N.D.	16.574 #
21)	L5 AR-1248-1	5.901	5.082	3514503	12148016	37.972	36.890
22)	L5 AR-1248-2	0.000	5.320	0	5503760	N.D.	15.698 #
23)	L5 AR-1248-3	0.000	5.364	0	5833642	N.D.	16.617 #
24)	L5 AR-1248-4	0.000	5.537	0	5373440	N.D.	14.140 #
25)	L5 AR-1248-5	0.000	5.892	0	4408489	N.D.	11.842 #
26)	L6 AR-1254-1	0.000	5.892	0	4408489	N.D.	7.669 #
27)	L6 AR-1254-2	0.000	6.038	0	4536346	N.D.	8.293 #
28)	L6 AR-1254-3	0.000	6.459	0	16804538	N.D.	17.477 #
30)	L6 AR-1254-5	8.053	7.092	4449386	16647049	19.186	20.271
31)	L7 AR-1260-1	7.510	6.575	4357578	13341529	20.949	23.066
32)	L7 AR-1260-2	7.766	6.762	5139038	17276666	20.929	21.886
33)	L7 AR-1260-3	8.128	6.919	3358773	14146024	18.001	20.801
34)	L7 AR-1260-4	8.367	7.392	4807518	10614513	22.822	19.372
35)	L7 AR-1260-5	8.705	7.632	7665267	27739446	18.245	18.825
36)	L8 AR-1262-1	8.128	7.184	3358773	6885903	11.463	16.886 #
37)	L8 AR-1262-2	8.705	7.632	7665267	27739446	14.094	14.983
38)	L8 AR-1262-3	0.000	7.918	0	6423228	N.D.	9.249 #
39)	L8 AR-1262-4	0.000	7.982	0	18142603	N.D.	14.866 #
40)	L8 AR-1262-5	0.000	8.499	0	6504791	N.D.	12.328 #
41)	L9 AR-1268-1	0.000	7.918	0	6423228	N.D.	3.421 #
42)	L9 AR-1268-2	0.000	7.982	0	18142603	N.D.	10.871 #
44)	L9 AR-1268-4	0.000	8.499	0	6504791	N.D.	12.018 #

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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 18 16:33:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101719.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 17 06:40:58 2019
Response via : Initial Calibration
Integrator: ChemStation

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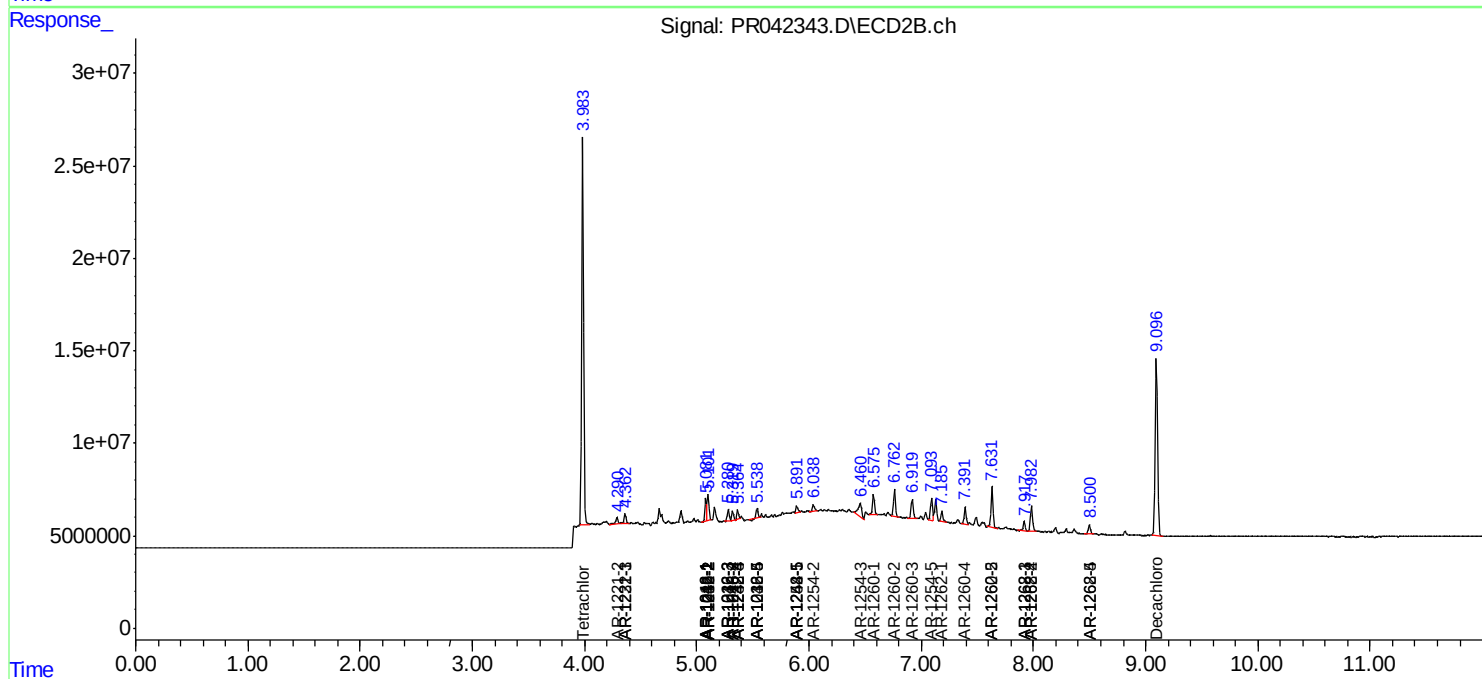
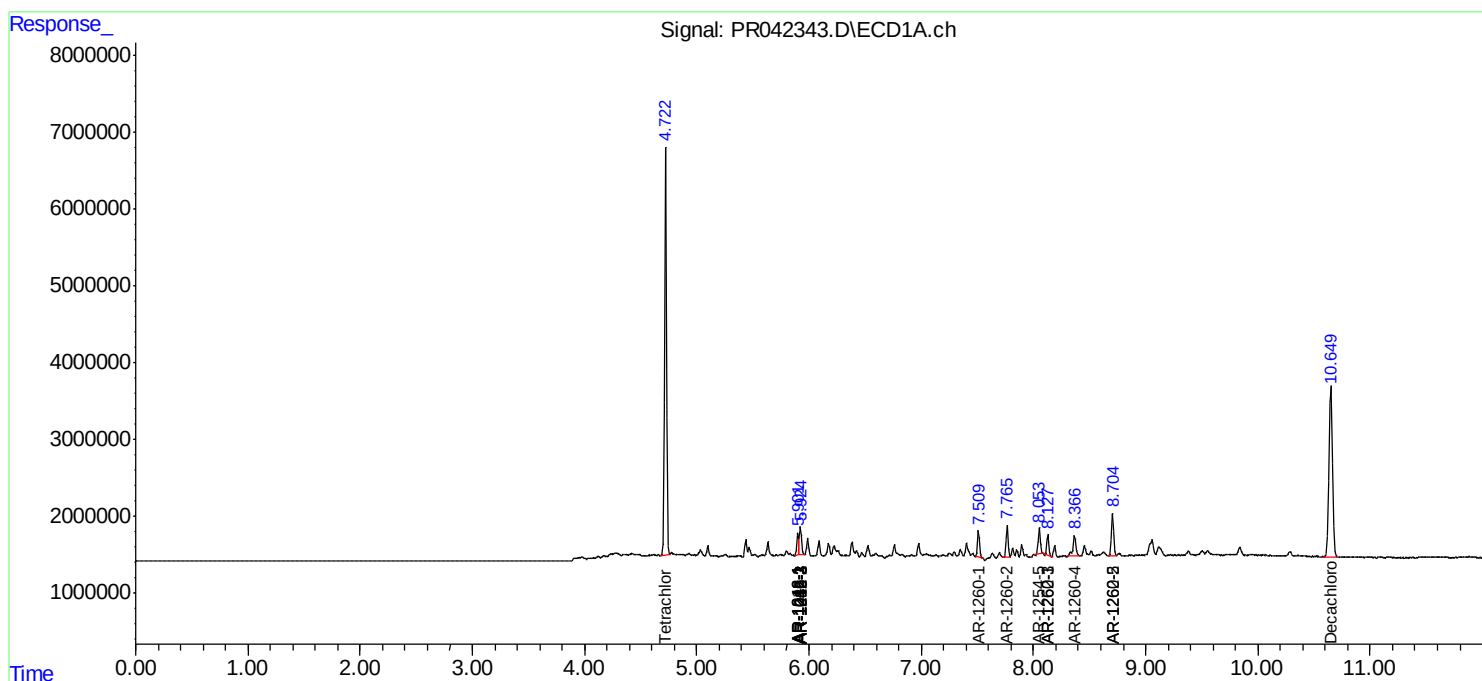
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

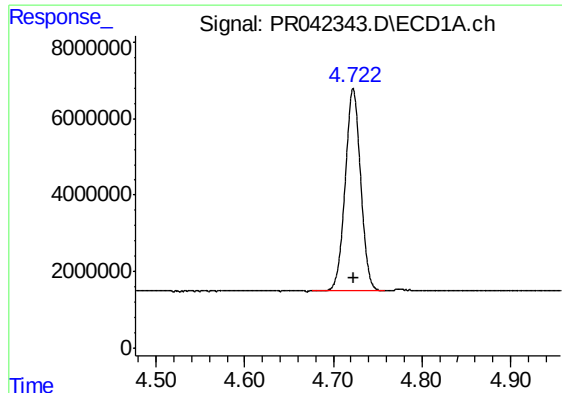
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101819\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

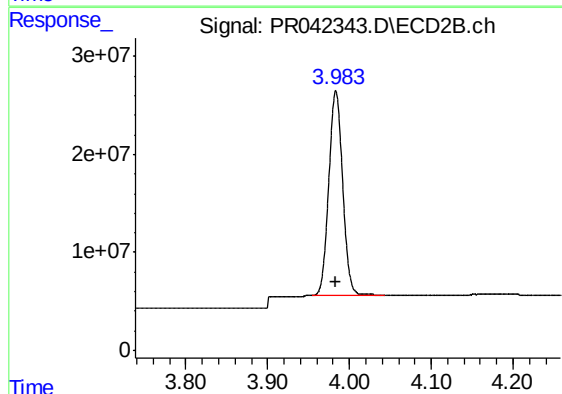




#1 Tetrachloro-m-xylene

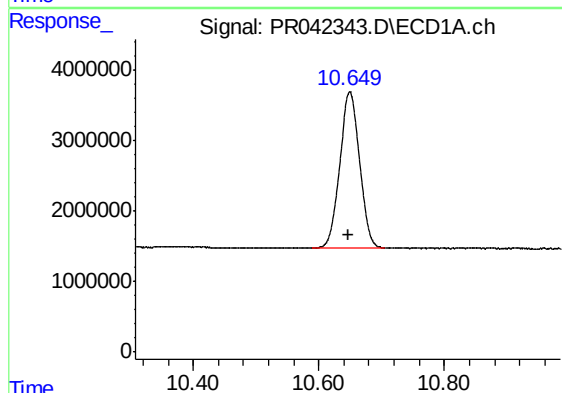
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 64181273
Conc: 13.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



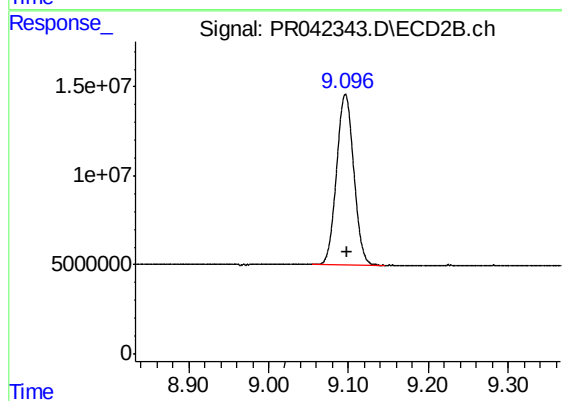
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 246460656
Conc: 14.48 ng/ml



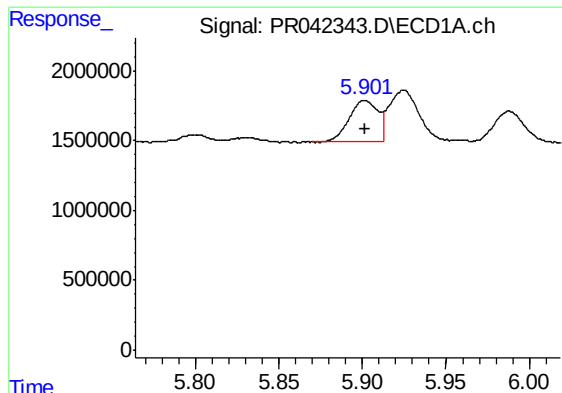
#2 Decachlorobiphenyl

R.T.: 10.650 min
Delta R.T.: 0.002 min
Response: 48335568
Conc: 13.82 ng/ml



#2 Decachlorobiphenyl

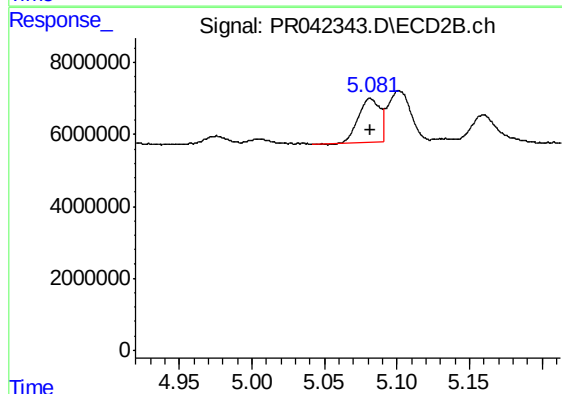
R.T.: 9.096 min
Delta R.T.: -0.002 min
Response: 142774032
Conc: 14.07 ng/ml



#3 AR-1016-1

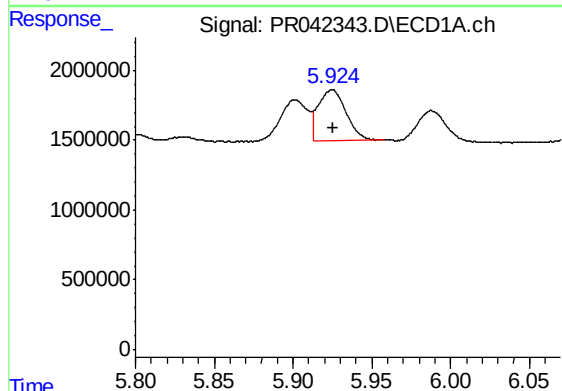
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 3514503
Conc: 22.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



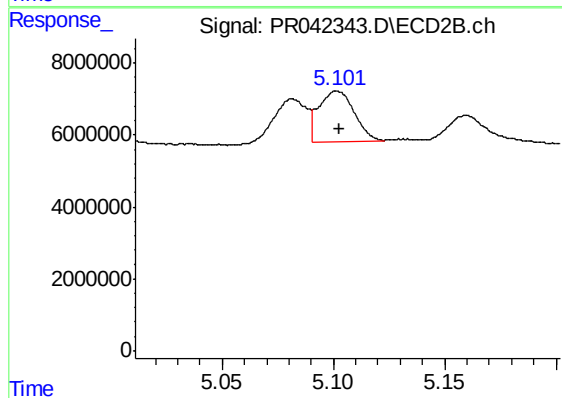
#3 AR-1016-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12148016
Conc: 22.78 ng/ml



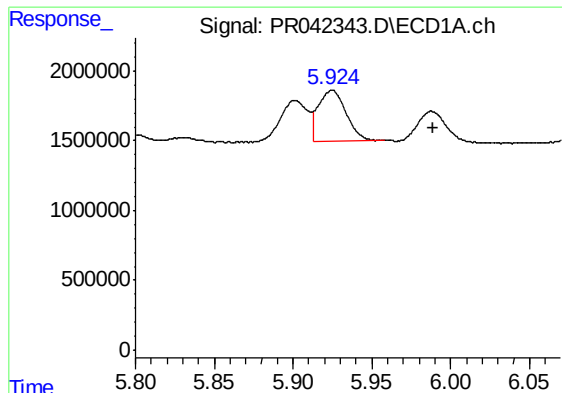
#4 AR-1016-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4536067
Conc: 20.38 ng/ml



#4 AR-1016-2

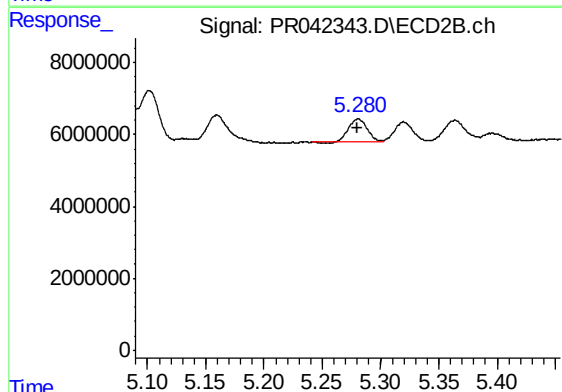
R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 15427082
Conc: 20.99 ng/ml



#5 AR-1016-3

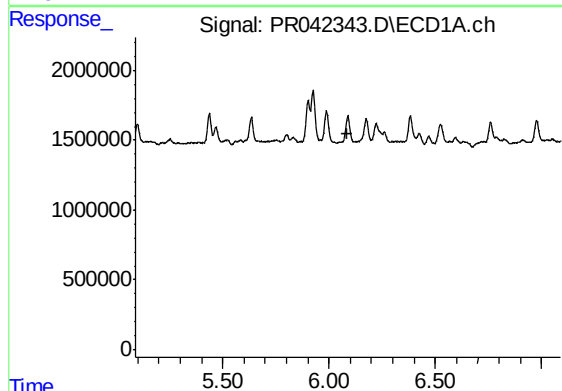
R.T.: 5.925 min
Delta R.T.: -0.064 min
Response: 4536067
Conc: 34.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



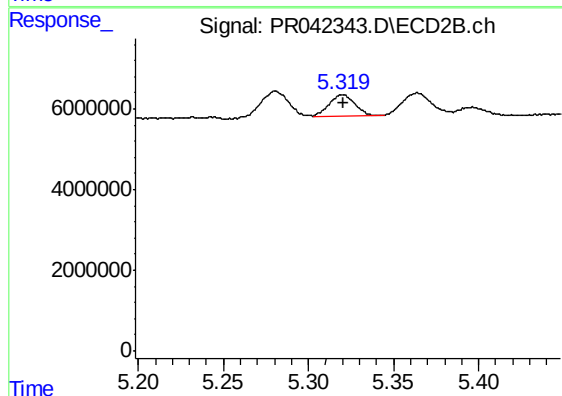
#5 AR-1016-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 6796973
Conc: 20.94 ng/ml



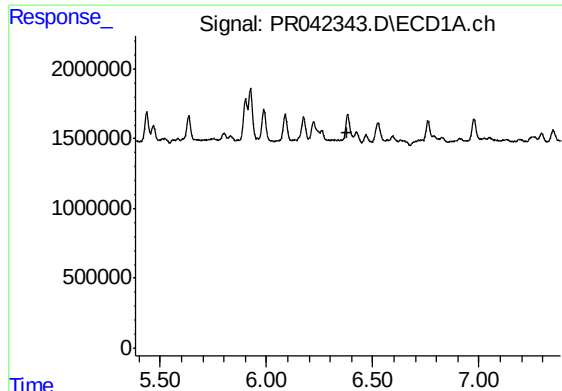
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.



#6 AR-1016-4

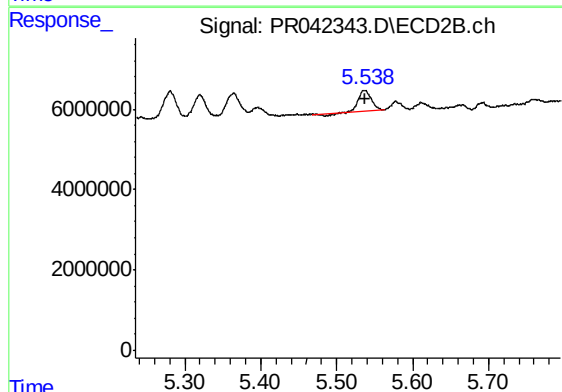
R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 5503760
Conc: 21.07 ng/ml



#7 AR-1016-5

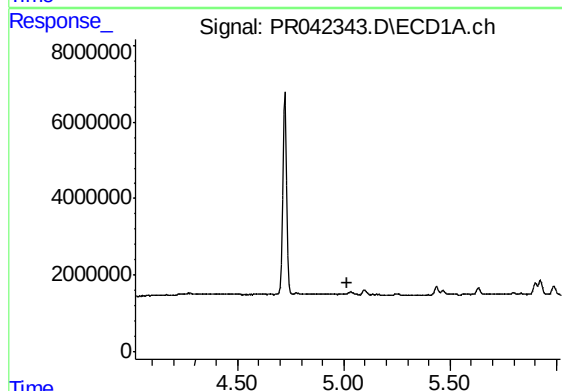
R.T.: 0.000 min
Exp R.T.: 6.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



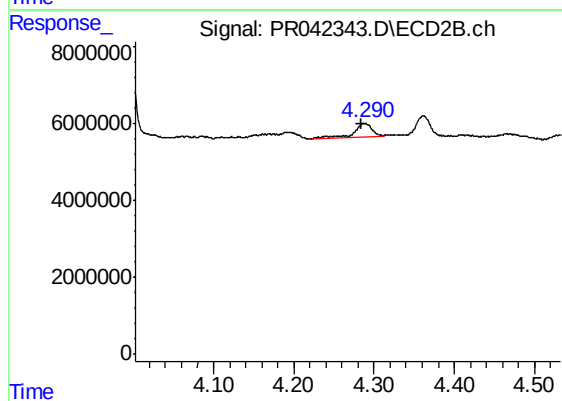
#7 AR-1016-5

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 5373440
Conc: 18.13 ng/ml



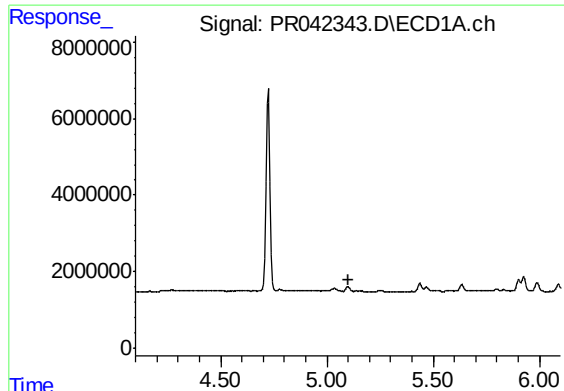
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T.: 5.020 min
Response: 0
Conc: N.D.



#9 AR-1221-2

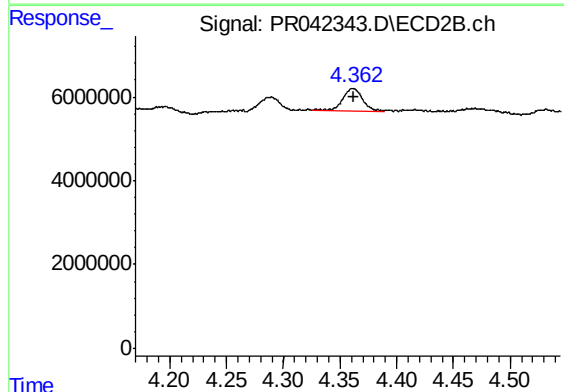
R.T.: 4.289 min
Delta R.T.: 0.004 min
Response: 5524572
Conc: 43.70 ng/ml



#10 AR-1221-3

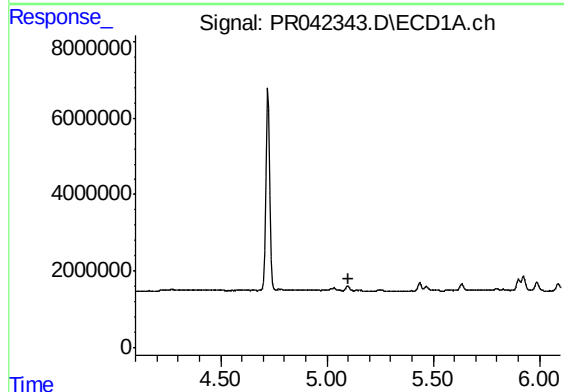
R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



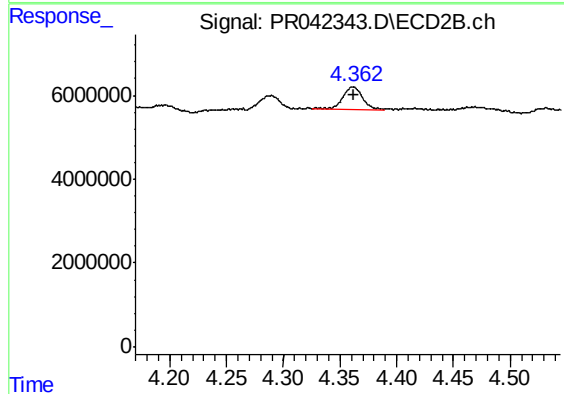
#10 AR-1221-3

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 6040433
Conc: 15.01 ng/ml



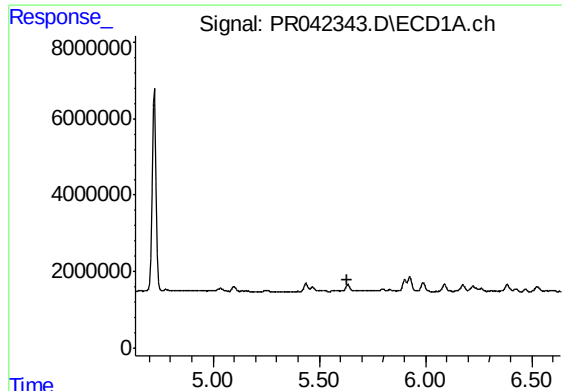
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.099 min
Response: 0
Conc: N.D.



#11 AR-1232-1

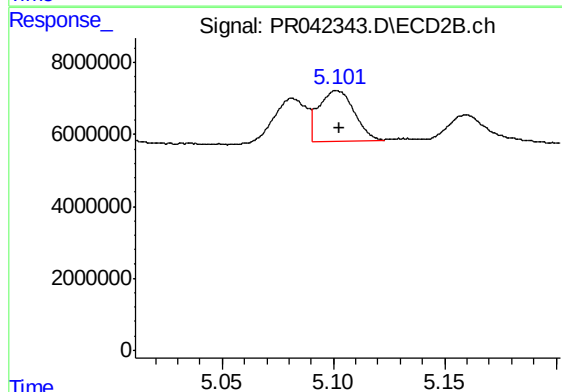
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 6040433
Conc: 10.40 ng/ml



#12 AR-1232-2

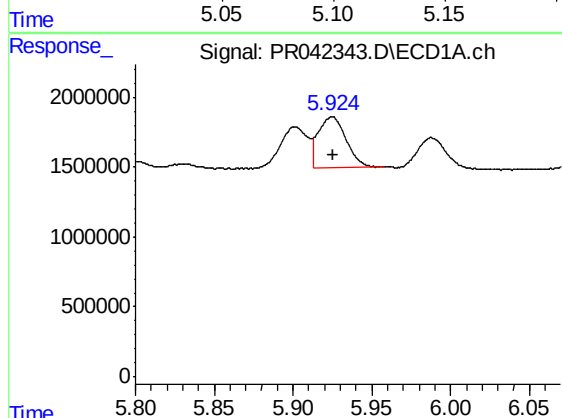
R.T.: 0.000 min
Exp R.T.: 5.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



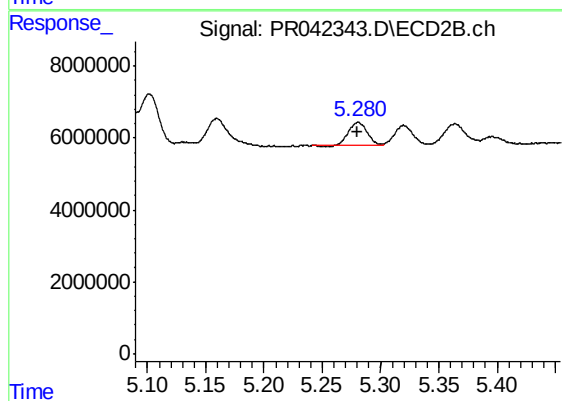
#12 AR-1232-2

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 15427082
Conc: 27.41 ng/ml



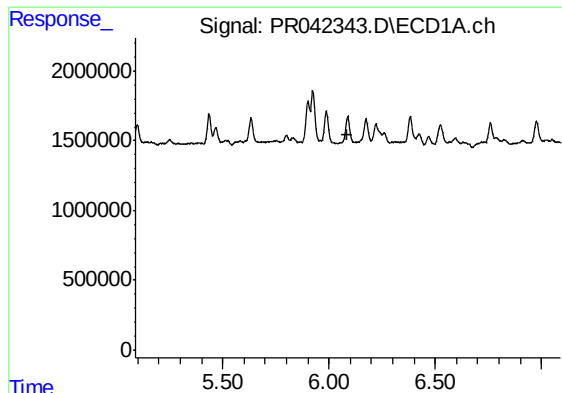
#13 AR-1232-3

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4536067
Conc: 27.07 ng/ml



#13 AR-1232-3

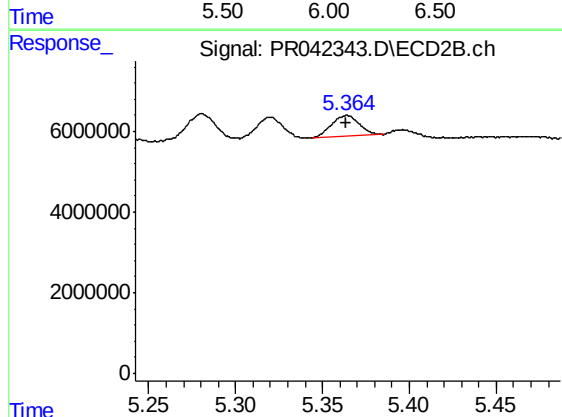
R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 6796973
Conc: 26.87 ng/ml



#14 AR-1232-4

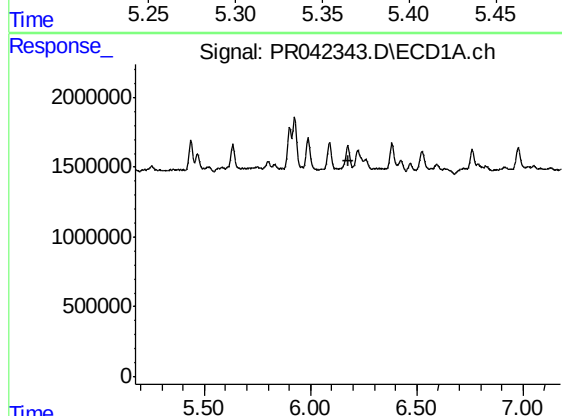
R.T.: 0.000 min
Exp R.T. : 6.089 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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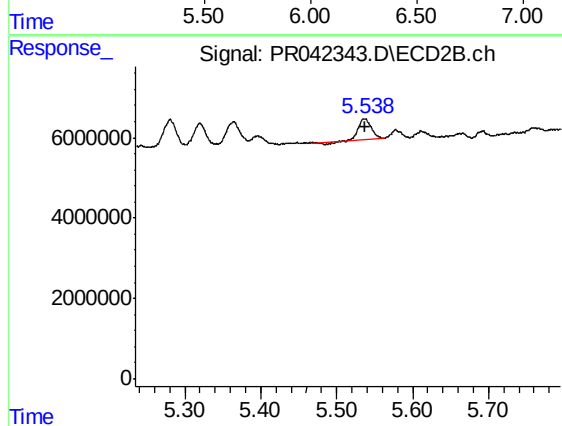
#14 AR-1232-4

R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 5833642
Conc: 27.68 ng/ml



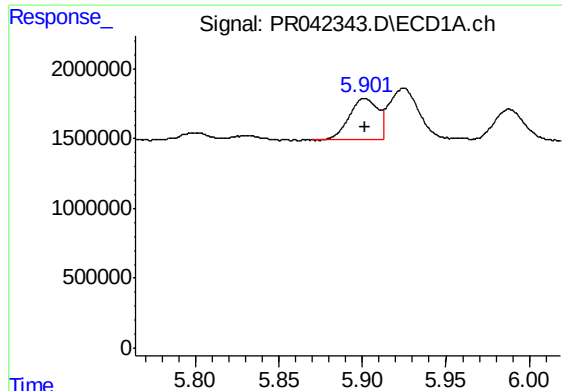
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.176 min
Response: 0
Conc: N.D.



#15 AR-1232-5

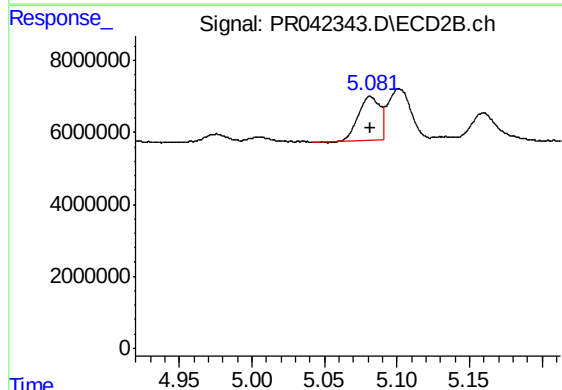
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 5373440
Conc: 25.62 ng/ml



#16 AR-1242-1

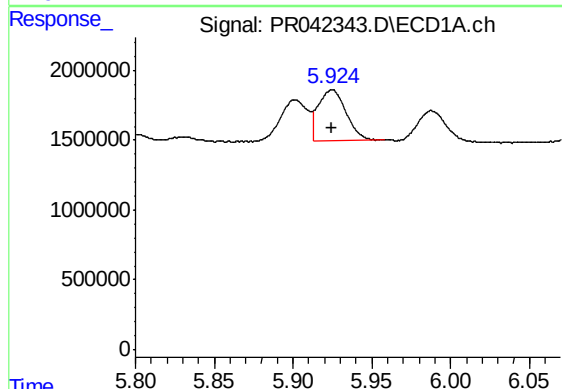
R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 3514503
Conc: 29.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



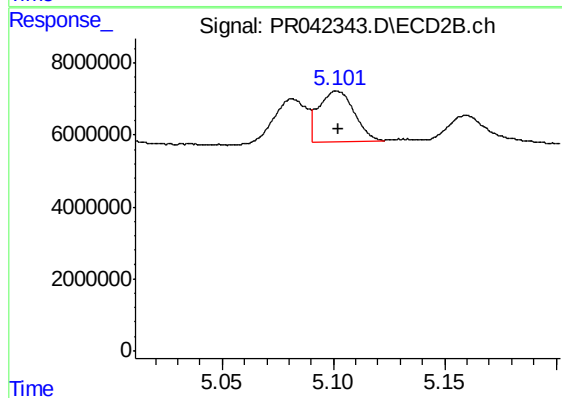
#16 AR-1242-1

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12148016
Conc: 29.50 ng/ml



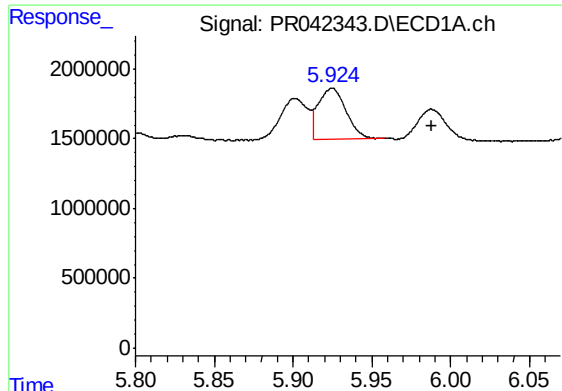
#17 AR-1242-2

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4536067
Conc: 26.88 ng/ml



#17 AR-1242-2

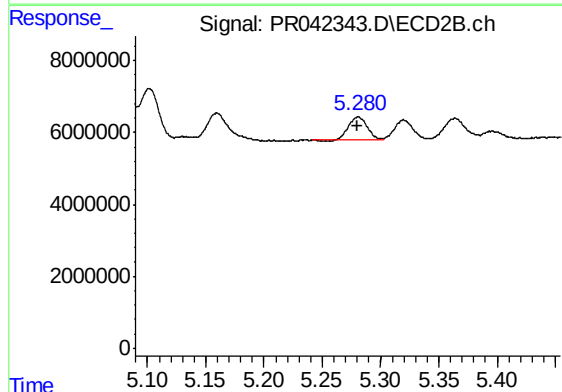
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 15427082
Conc: 27.71 ng/ml



#18 AR-1242-3

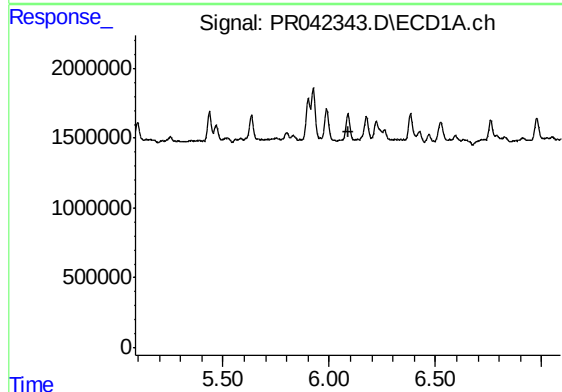
R.T.: 5.925 min
Delta R.T.: -0.063 min
Response: 4536067
Conc: 45.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



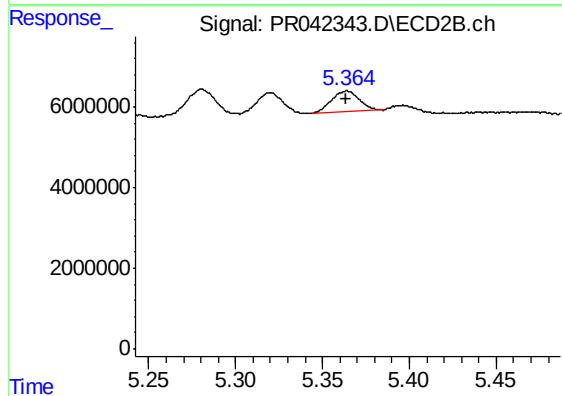
#18 AR-1242-3

R.T.: 5.281 min
Delta R.T.: 0.000 min
Response: 6796973
Conc: 25.72 ng/ml



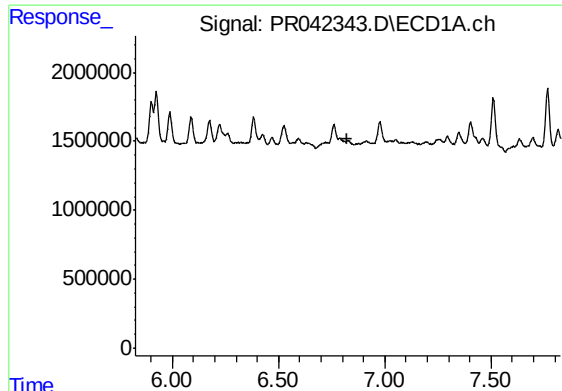
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.088 min
Response: 0
Conc: N.D.



#19 AR-1242-4

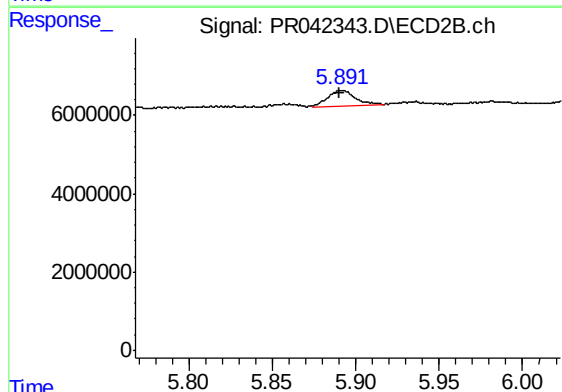
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 5833642
Conc: 24.19 ng/ml



#20 AR-1242-5

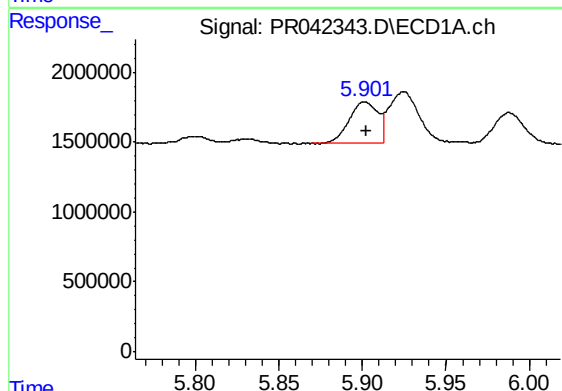
R.T.: 0.000 min
Exp R.T.: 6.826 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



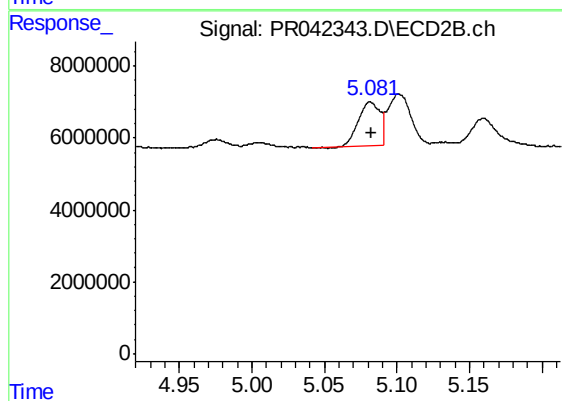
#20 AR-1242-5

R.T.: 5.892 min
Delta R.T.: 0.001 min
Response: 4408489
Conc: 16.57 ng/ml



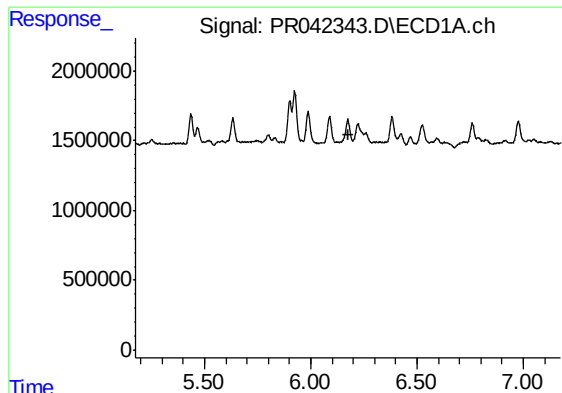
#21 AR-1248-1

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 3514503
Conc: 37.97 ng/ml



#21 AR-1248-1

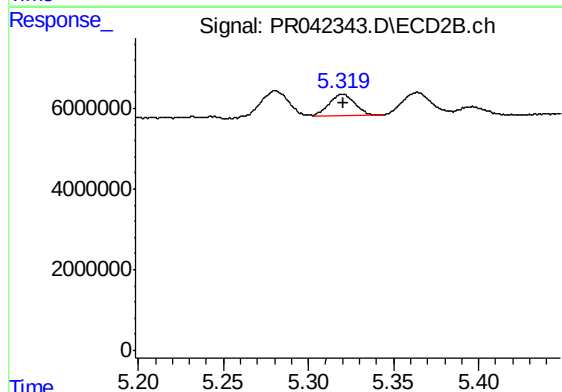
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 12148016
Conc: 36.89 ng/ml



#22 AR-1248-2

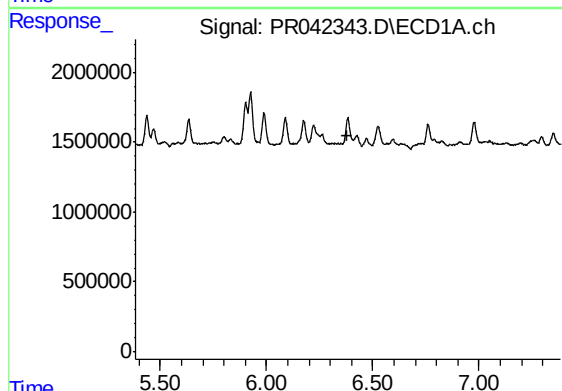
R.T.: 0.000 min
Exp R.T. : 6.175 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



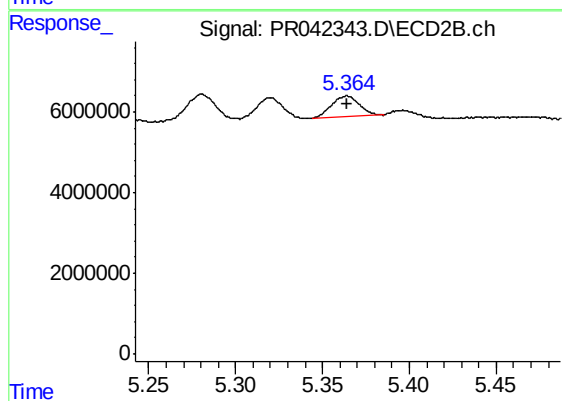
#22 AR-1248-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 5503760
Conc: 15.70 ng/ml



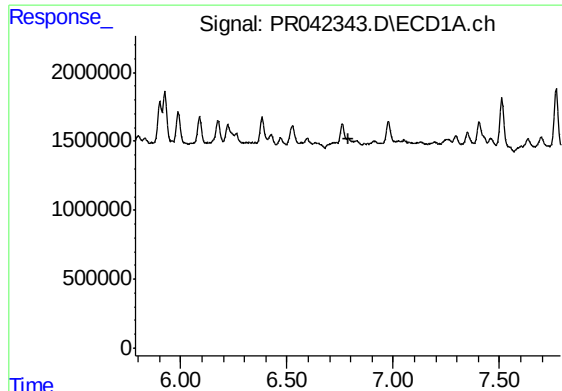
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



#23 AR-1248-3

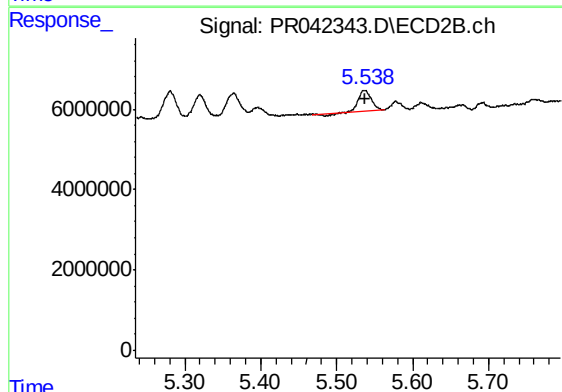
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 5833642
Conc: 16.62 ng/ml



#24 AR-1248-4

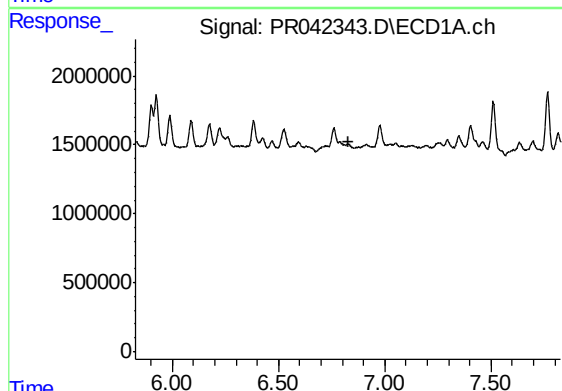
R.T.: 0.000 min
Exp R.T.: 6.787 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



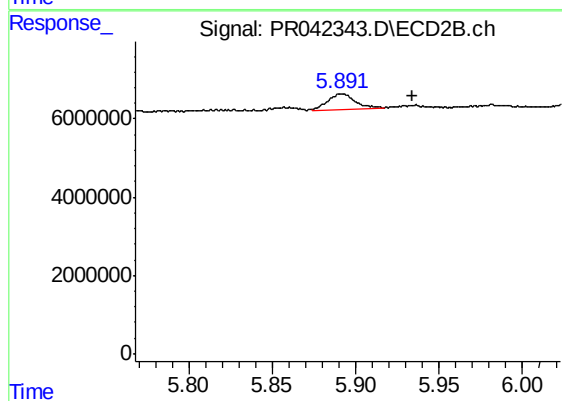
#24 AR-1248-4

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 5373440
Conc: 14.14 ng/ml



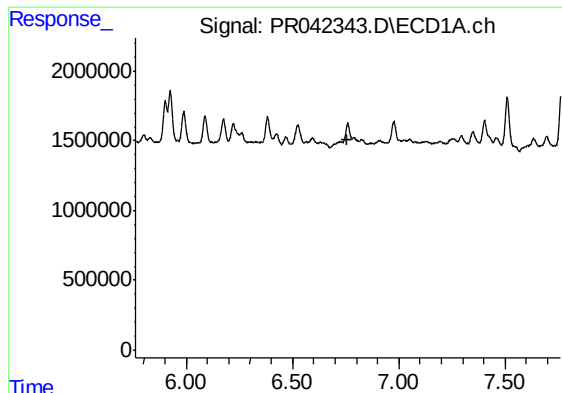
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 6.827 min
Response: 0
Conc: N.D.



#25 AR-1248-5

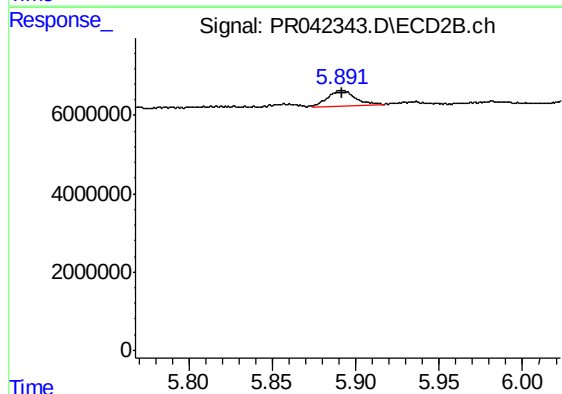
R.T.: 5.892 min
Delta R.T.: -0.042 min
Response: 4408489
Conc: 11.84 ng/ml



#26 AR-1254-1

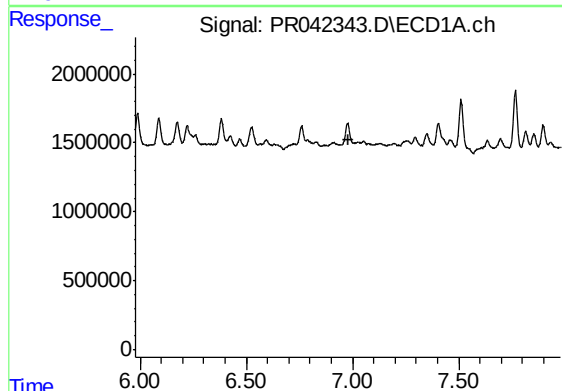
R.T.: 0.000 min
Exp R.T.: 6.761 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



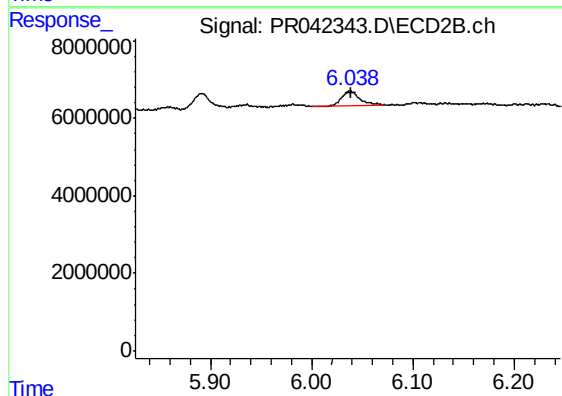
#26 AR-1254-1

R.T.: 5.892 min
Delta R.T.: 0.000 min
Response: 4408489
Conc: 7.67 ng/ml



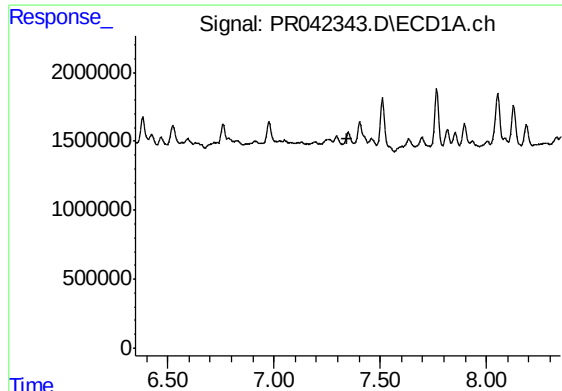
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.978 min
Response: 0
Conc: N.D.



#27 AR-1254-2

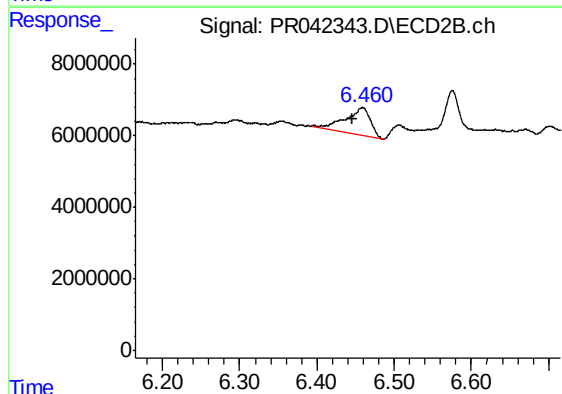
R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 4536346
Conc: 8.29 ng/ml



#28 AR-1254-3

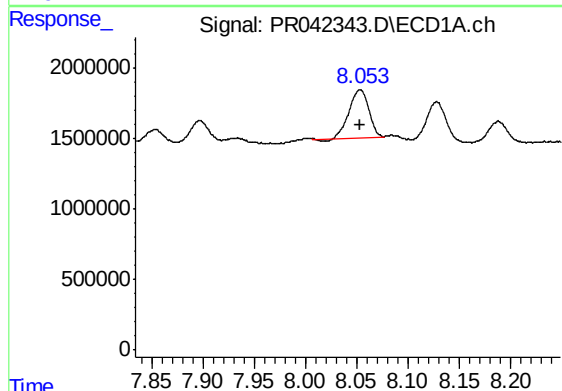
R.T.: 0.000 min
Exp R.T.: 7.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



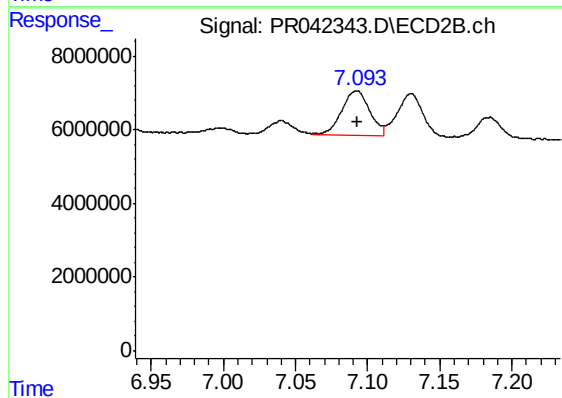
#28 AR-1254-3

R.T.: 6.459 min
Delta R.T.: 0.014 min
Response: 16804538
Conc: 17.48 ng/ml



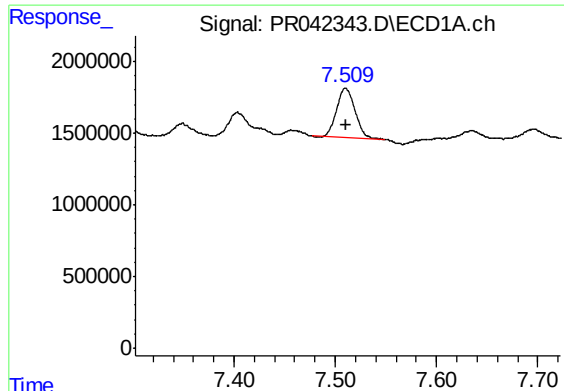
#30 AR-1254-5

R.T.: 8.053 min
Delta R.T.: 0.000 min
Response: 4449386
Conc: 19.19 ng/ml



#30 AR-1254-5

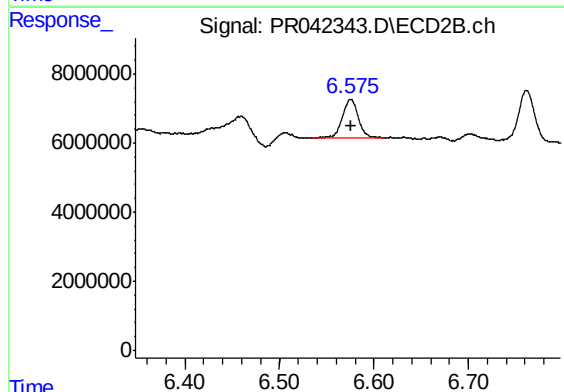
R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 16647049
Conc: 20.27 ng/ml



#31 AR-1260-1

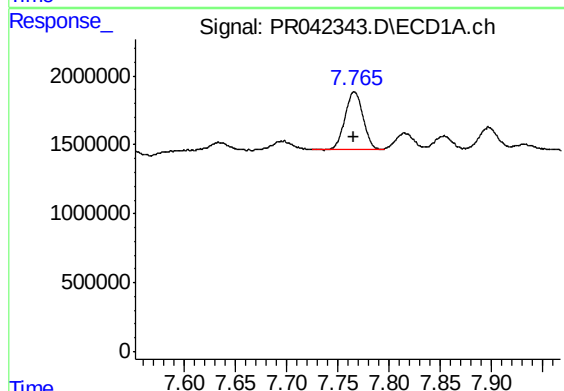
R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 4357578
Conc: 20.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



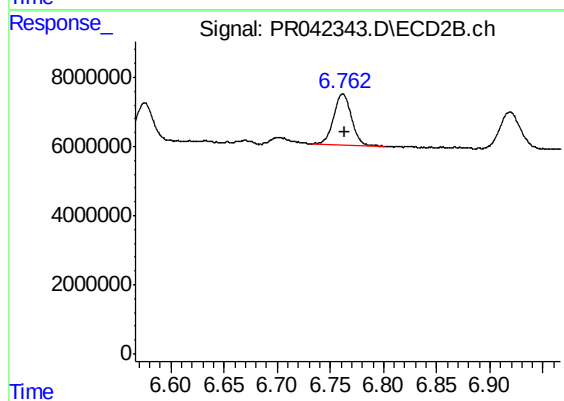
#31 AR-1260-1

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 13341529
Conc: 23.07 ng/ml



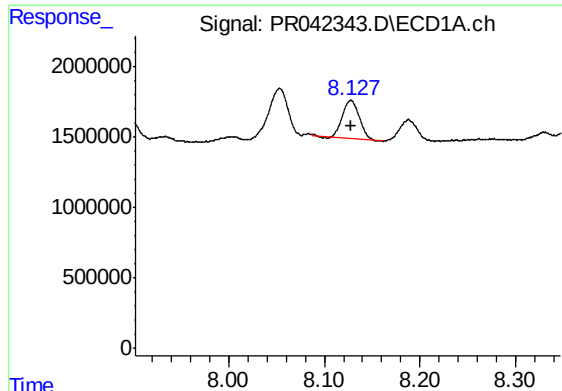
#32 AR-1260-2

R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 5139038
Conc: 20.93 ng/ml



#32 AR-1260-2

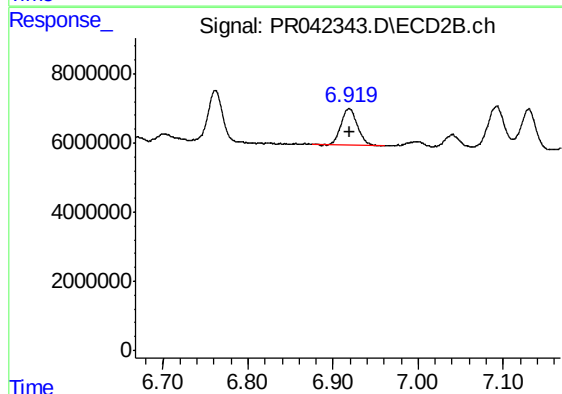
R.T.: 6.762 min
Delta R.T.: -0.001 min
Response: 17276666
Conc: 21.89 ng/ml



#33 AR-1260-3

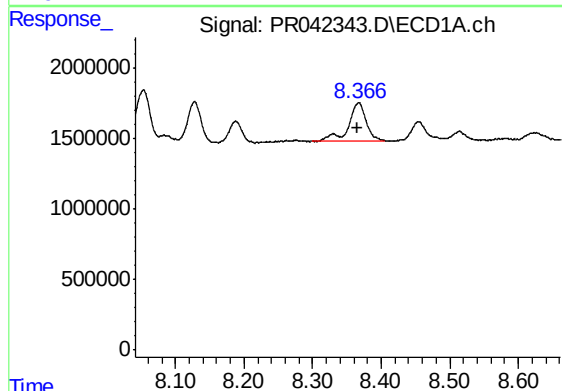
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 3358773
Conc: 18.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



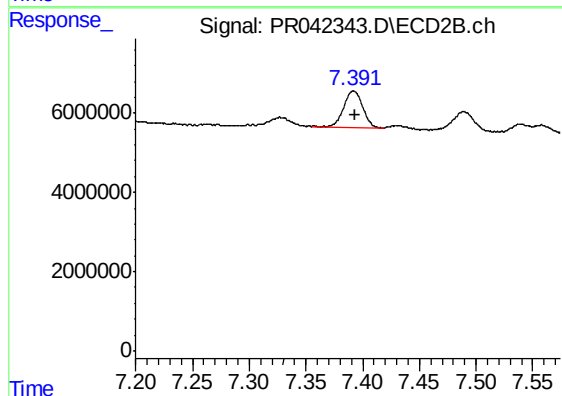
#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 14146024
Conc: 20.80 ng/ml



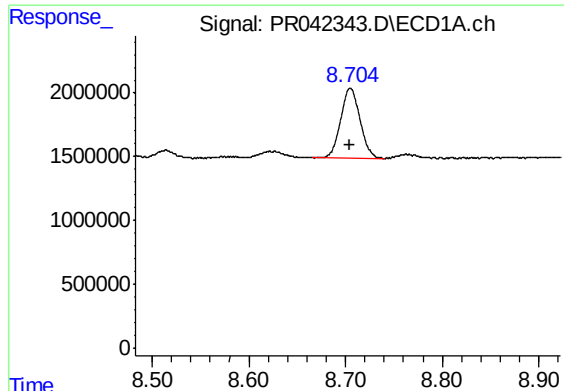
#34 AR-1260-4

R.T.: 8.367 min
Delta R.T.: 0.001 min
Response: 4807518
Conc: 22.82 ng/ml



#34 AR-1260-4

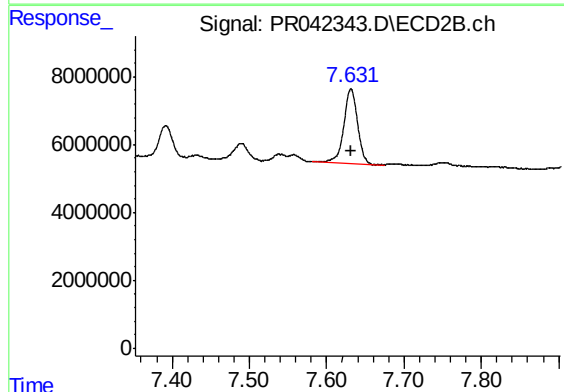
R.T.: 7.392 min
Delta R.T.: -0.002 min
Response: 10614513
Conc: 19.37 ng/ml



#35 AR-1260-5

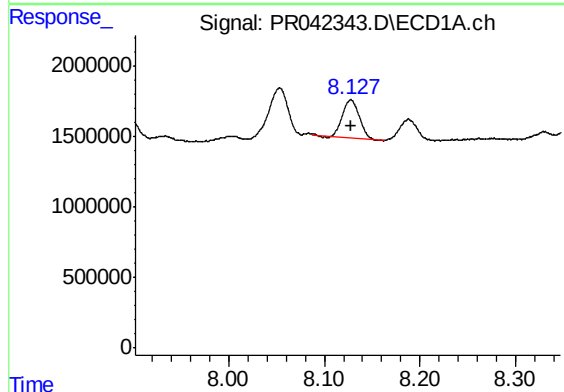
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 7665267
Conc: 18.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



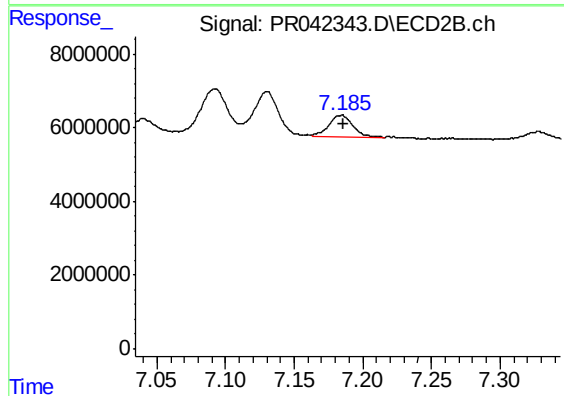
#35 AR-1260-5

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 27739446
Conc: 18.83 ng/ml



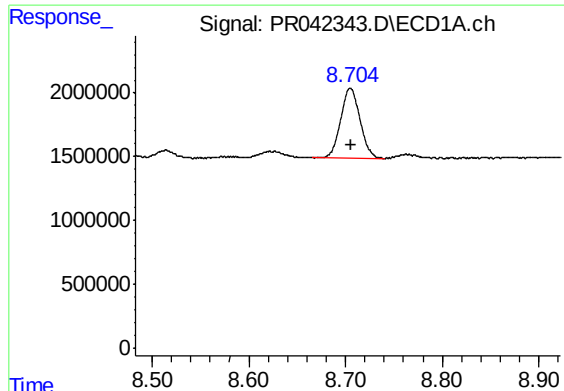
#36 AR-1262-1

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 3358773
Conc: 11.46 ng/ml



#36 AR-1262-1

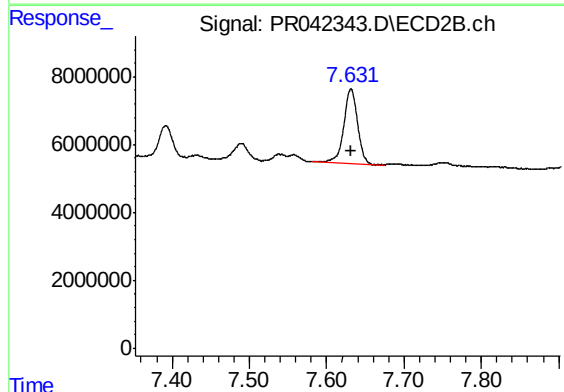
R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 6885903
Conc: 16.89 ng/ml



#37 AR-1262-2

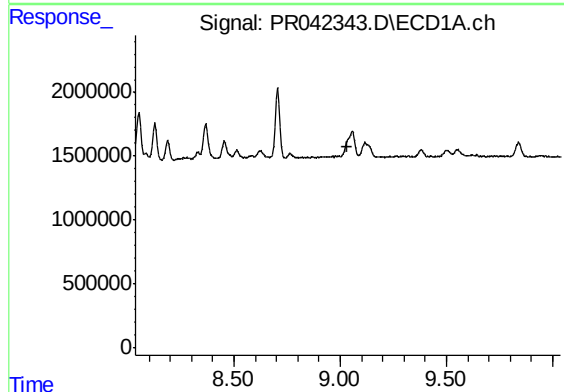
R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 7665267
Conc: 14.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



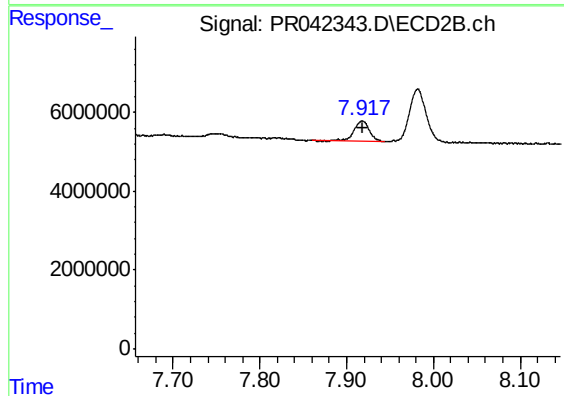
#37 AR-1262-2

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 27739446
Conc: 14.98 ng/ml



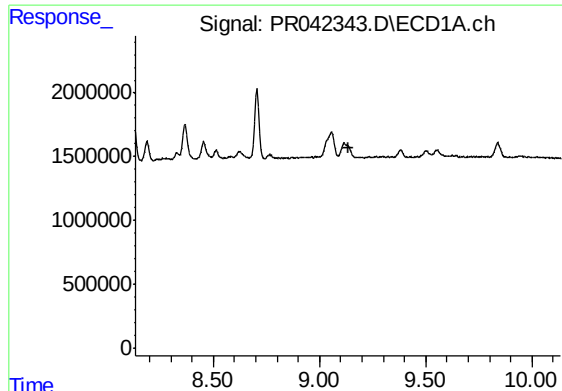
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.037 min
Response: 0
Conc: N.D.



#38 AR-1262-3

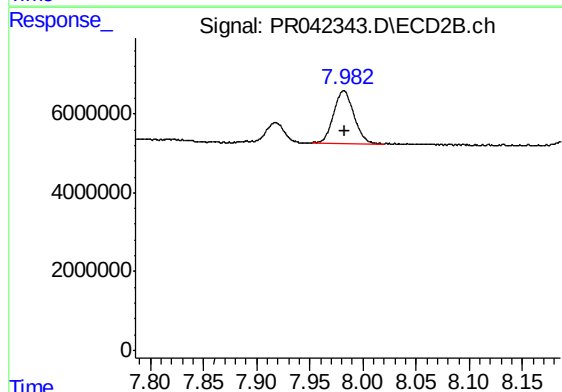
R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 6423228
Conc: 9.25 ng/ml



#39 AR-1262-4

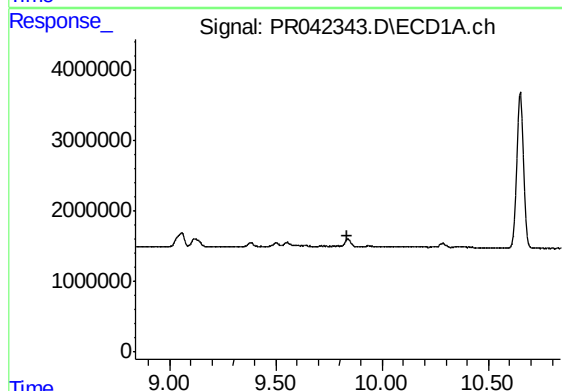
R.T.: 0.000 min
Exp R.T. : 9.134 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



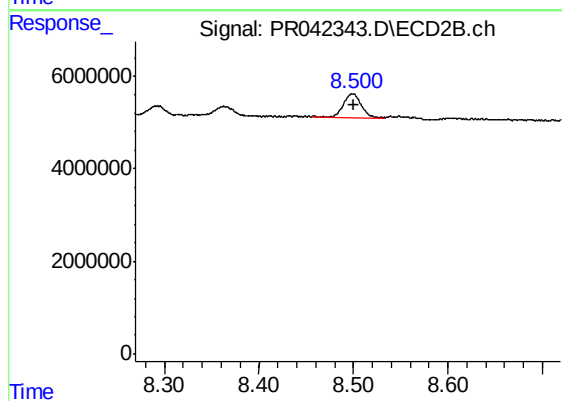
#39 AR-1262-4

R.T.: 7.982 min
Delta R.T.: -0.001 min
Response: 18142603
Conc: 14.87 ng/ml



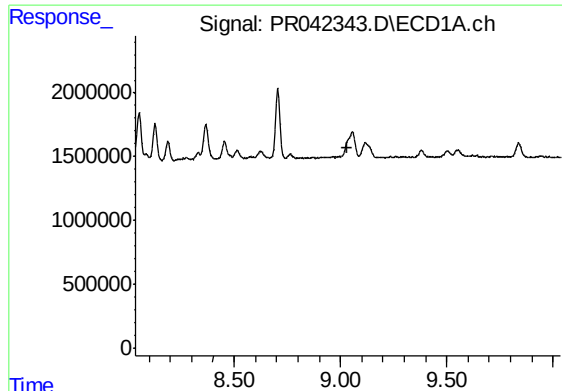
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

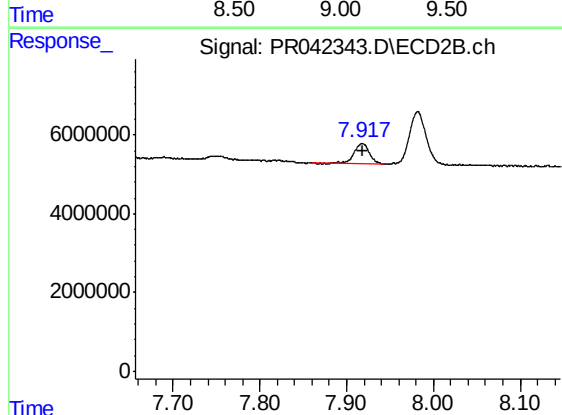
R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 6504791
Conc: 12.33 ng/ml



#41 AR-1268-1

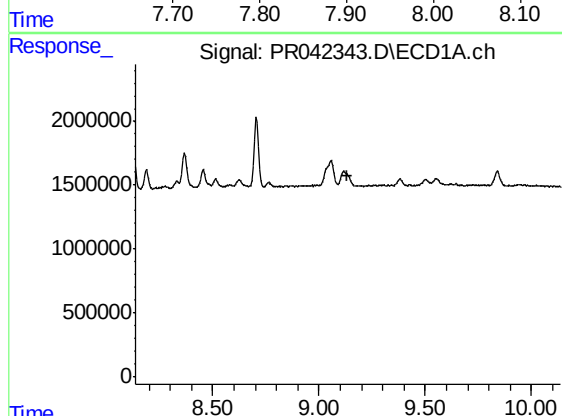
R.T.: 0.000 min
Exp R.T. : 9.036 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



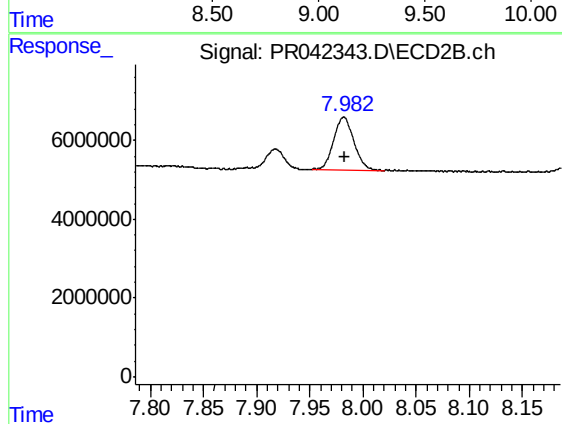
#41 AR-1268-1

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 6423228
Conc: 3.42 ng/ml



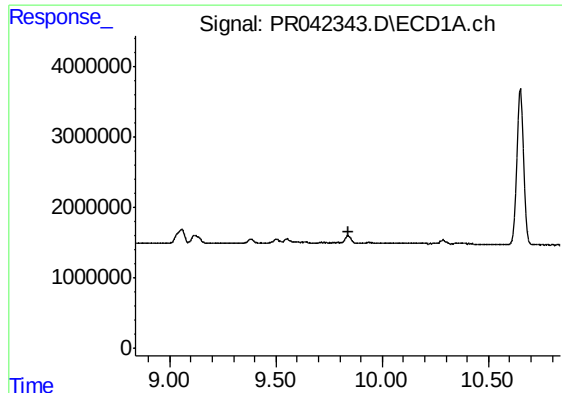
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.136 min
Response: 0
Conc: N.D.



#42 AR-1268-2

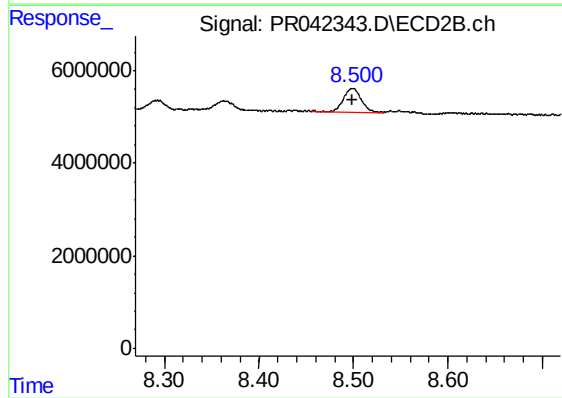
R.T.: 7.982 min
Delta R.T.: 0.000 min
Response: 18142603
Conc: 10.87 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019



#44 AR-1268-4

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 6504791
Conc: 12.02 ng/ml