

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054191.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 09:07
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1268 LOD 40 PPB
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:06:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.203	4.208	475.8E6	222.1E6	20.373	15.711
2)	SA Decachlor...	11.377	9.545	395.2E6	273.1E6	23.485	21.650
Target Compounds							
3)	L1 AR-1016-1	0.000	5.494f	0	1912668	N.D.	4.225 #
4)	L1 AR-1016-2	0.000	5.494	0	1912668	N.D.	2.580 #
5)	L1 AR-1016-3	6.596f	5.702f	985013	362623	1.428	1.006 #
6)	L1 AR-1016-4	0.000	5.753f	0	1029188	N.D.	3.606 #
8)	L2 AR-1221-1	5.427f	0.000	1695413	0	7.007	N.D. #
9)	L2 AR-1221-2	5.559	4.543f	19382709	44590396	107.001	422.693 #
10)	L2 AR-1221-3	0.000	4.641	0	2449530	N.D.	6.980 #
11)	L3 AR-1232-1	0.000	4.641	0	2449530	N.D.	10.494 #
12)	L3 AR-1232-2	0.000	5.494	0	1912668	N.D.	6.604 #
13)	L3 AR-1232-3	0.000	5.702f	0	362623	N.D.	2.733 #
14)	L3 AR-1232-4	0.000	5.753f	0	1029188	N.D.	9.019 #
16)	L4 AR-1242-1	0.000	5.494f	0	1912668	N.D.	7.035 #
17)	L4 AR-1242-2	0.000	5.494	0	1912668	N.D.	4.064 #
18)	L4 AR-1242-3	6.596f	5.702f	985013	362623	2.263	1.644 #
19)	L4 AR-1242-4	0.000	5.753f	0	1029188	N.D.	4.757 #
20)	L4 AR-1242-5	0.000	6.347	0	778118	N.D.	2.623 #
21)	L5 AR-1248-1	0.000	5.494f	0	1912668	N.D.	8.478 #
22)	L5 AR-1248-2	0.000	5.753f	0	1029188	N.D.	3.136 #
23)	L5 AR-1248-3	0.000	5.753f	0	1029188	N.D.	3.112 #
25)	L5 AR-1248-5	0.000	6.390	0	1072783	N.D.	2.692 #
26)	L6 AR-1254-1	0.000	6.347	0	778118	N.D.	1.164 #
28)	L6 AR-1254-3	8.080f	6.938	2028049	1494004	1.724	1.547
29)	L6 AR-1254-4	0.000	7.182f	0	1812143	N.D.	2.719 #
31)	L7 AR-1260-1	0.000	7.060	0	1312638	N.D.	1.751 #
32)	L7 AR-1260-2	0.000	7.231f	0	1580495	N.D.	1.513 #
33)	L7 AR-1260-3	8.844	7.418	17204277	2744909	24.321	3.154 #
34)	L7 AR-1260-4	9.101	7.892	25555655	18598339	28.888	29.870
35)	L7 AR-1260-5	9.430	8.141	9561123	6426403	5.679	3.751 #
36)	L8 AR-1262-1	8.844	0.000	17204277	0	17.393	N.D. #
37)	L8 AR-1262-2	9.430	8.141	9561123	6426403	5.297	3.413 #
38)	L8 AR-1262-3	9.760	8.427	86425675	76307630	70.536	99.399 #
39)	L8 AR-1262-4	9.864	8.493	79891363	63411385	88.248	50.723 #
40)	L8 AR-1262-5	10.571	8.993	31529599	22132536	47.569	38.349
41)	L9 AR-1268-1	9.760	8.427	86425675	76307630	40.977	33.831
42)	L9 AR-1268-2	9.864	8.493	79891363	63411385	41.419	33.949
43)	L9 AR-1268-3	10.104	8.700	67927019	54141023	42.193	32.388
44)	L9 AR-1268-4	10.571	8.993	31529599	22132536	43.106	33.938
45)	L9 AR-1268-5	11.016	9.288	221.2E6	160.9E6	40.558	34.153

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Sample : M2940-07
Misc : AR1268 LOD 40 PPB
ALS Vial : 55 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 07:06:48 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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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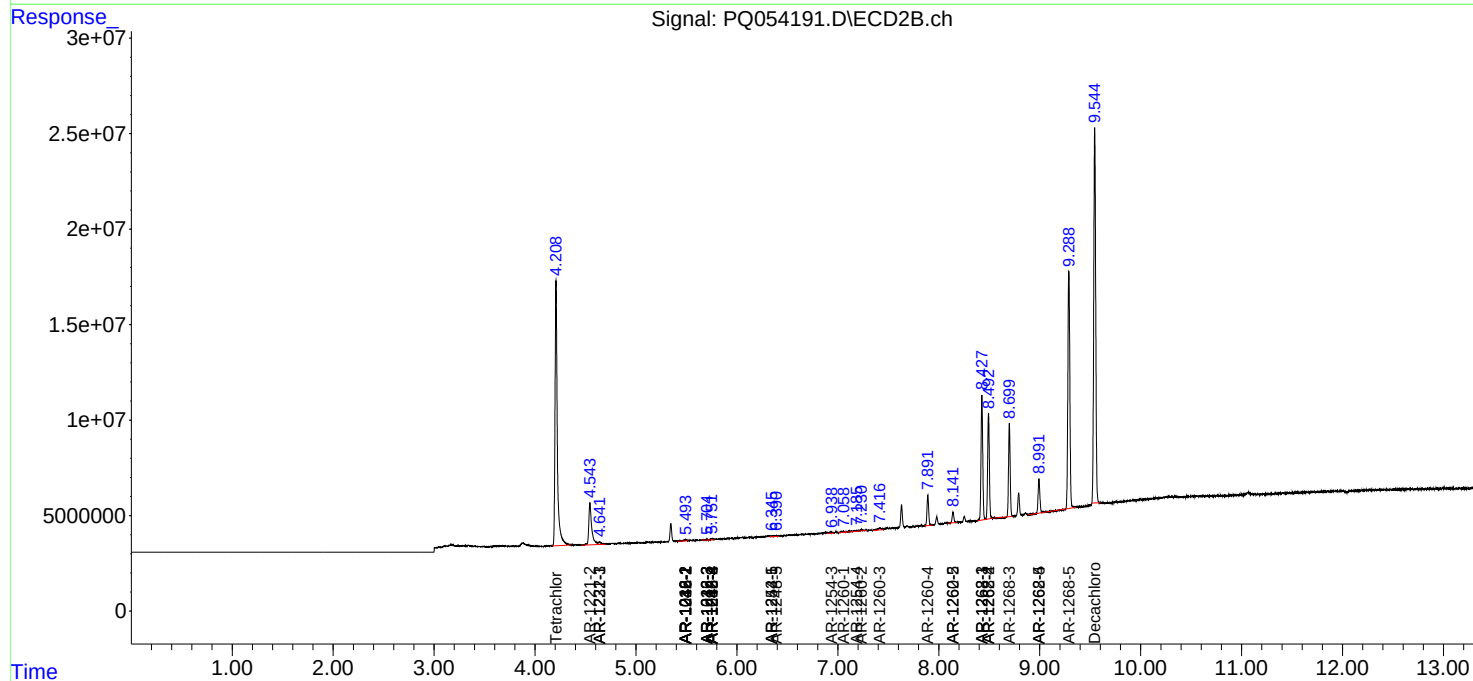
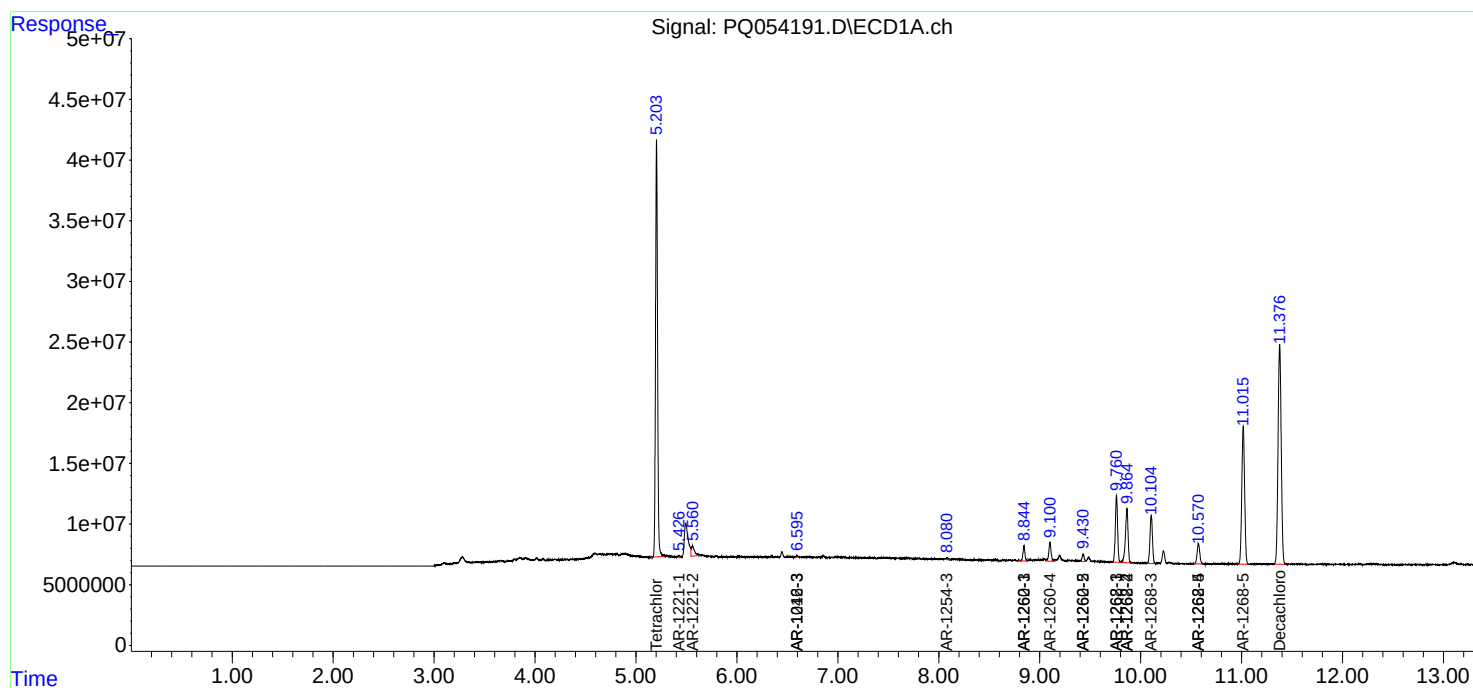
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

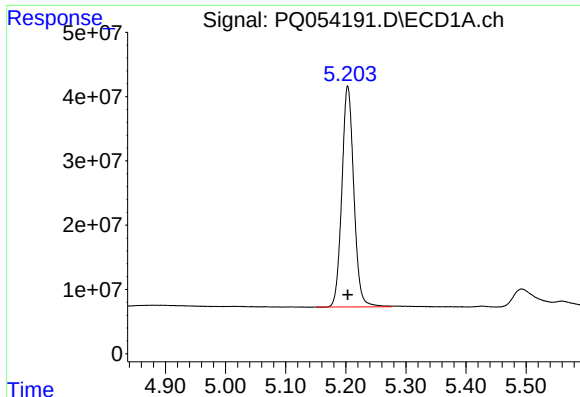
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054191.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

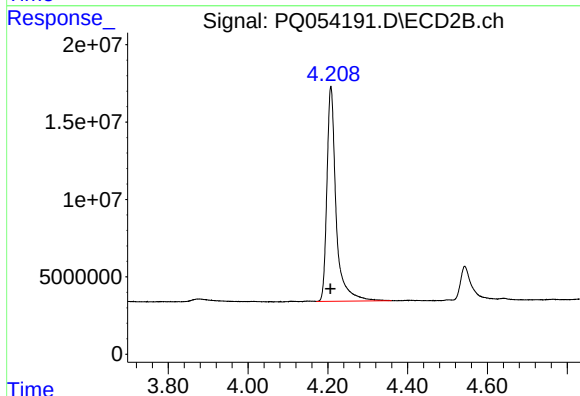




#1 Tetrachloro-m-xylene

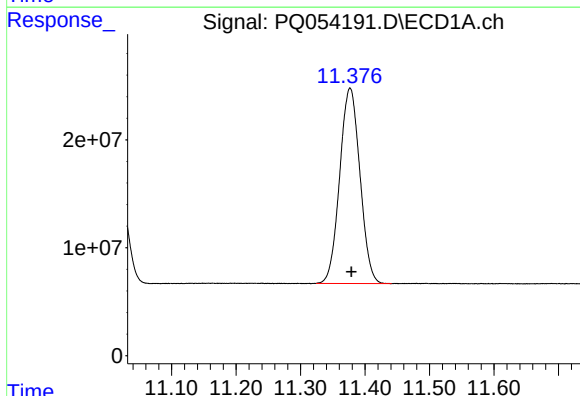
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 475752889
Conc: 20.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



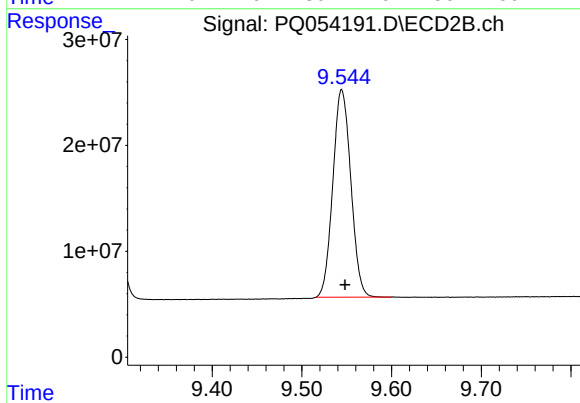
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 222115372
Conc: 15.71 ng/ml



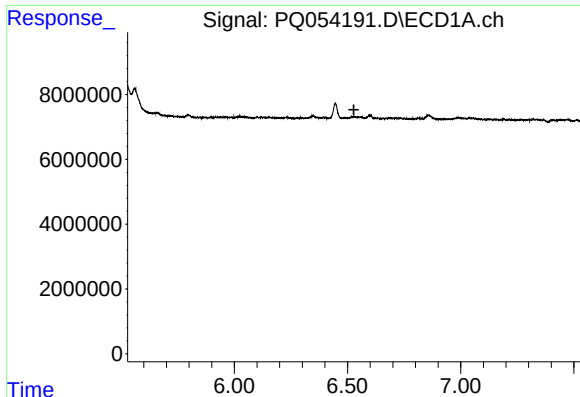
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 395154945
Conc: 23.48 ng/ml



#2 Decachlorobiphenyl

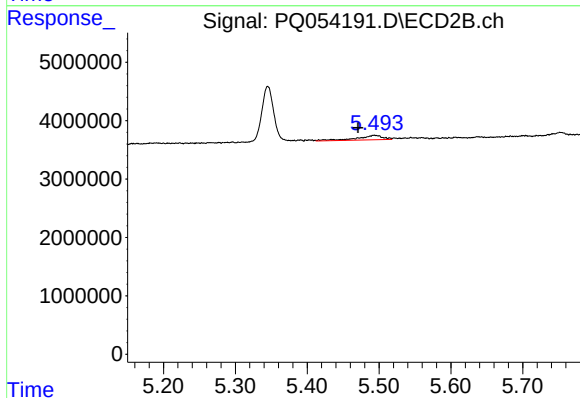
R.T.: 9.545 min
Delta R.T.: -0.004 min
Response: 273095804
Conc: 21.65 ng/ml



#3 AR-1016-1

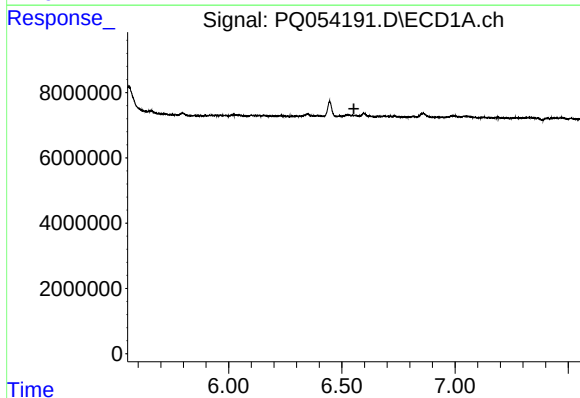
R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



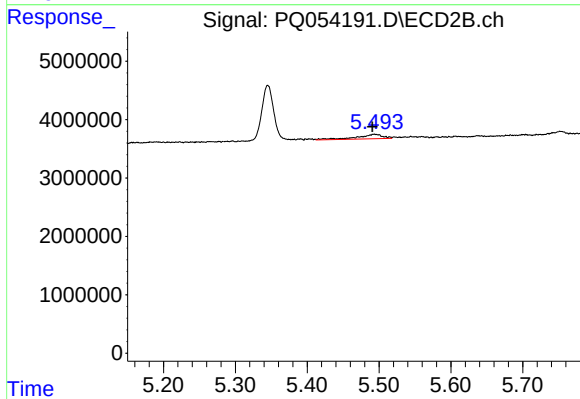
#3 AR-1016-1

R.T.: 5.494 min
Delta R.T.: 0.024 min
Response: 1912668
Conc: 4.23 ng/ml



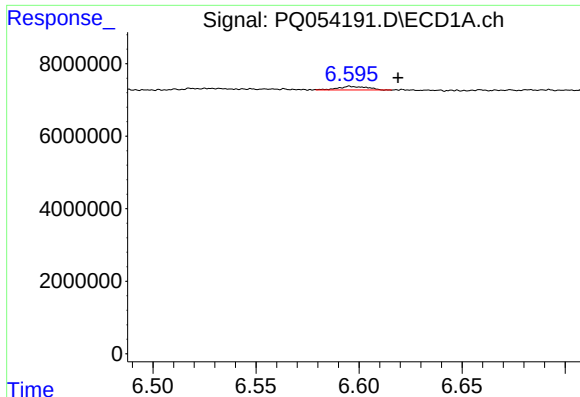
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

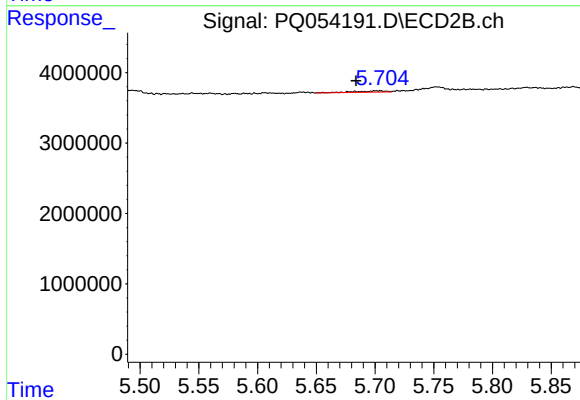
R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 1912668
Conc: 2.58 ng/ml



#5 AR-1016-3

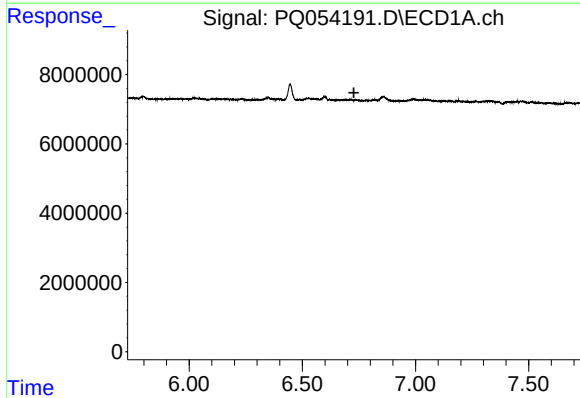
R.T.: 6.596 min
Delta R.T.: -0.023 min
Response: 985013
Conc: 1.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



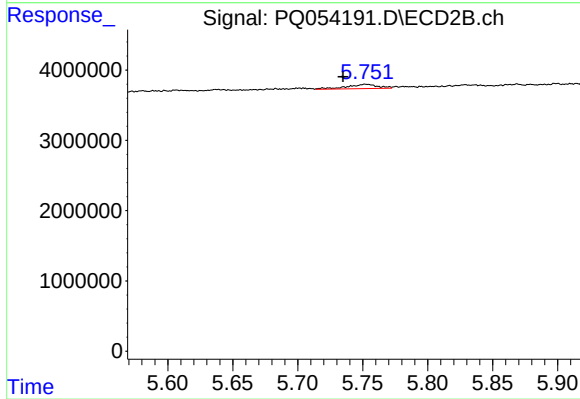
#5 AR-1016-3

R.T.: 5.702 min
Delta R.T.: 0.018 min
Response: 362623
Conc: 1.01 ng/ml



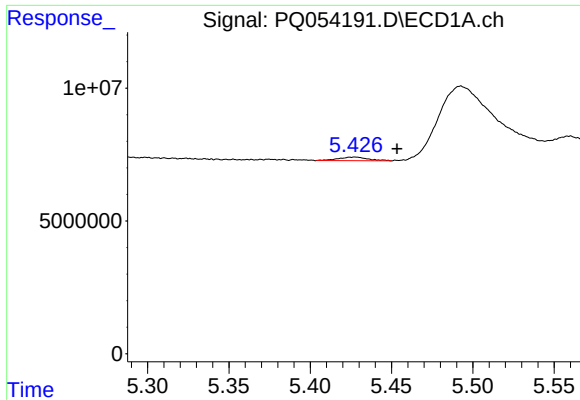
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

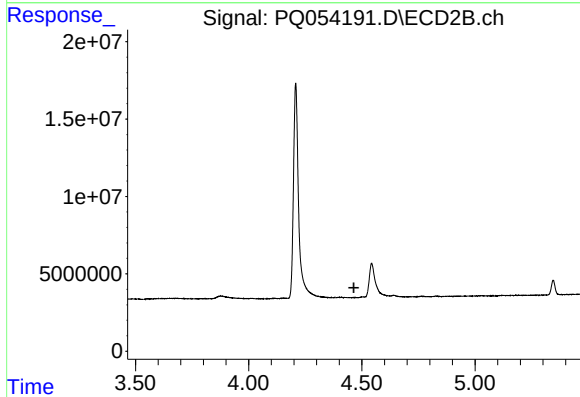
R.T.: 5.753 min
Delta R.T.: 0.018 min
Response: 1029188
Conc: 3.61 ng/ml



#8 AR-1221-1

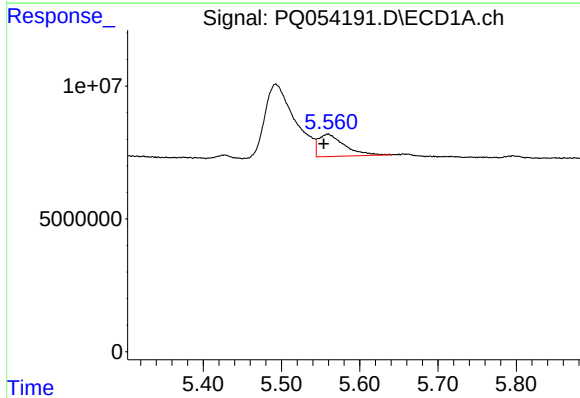
R.T.: 5.427 min
Delta R.T.: -0.026 min
Response: 1695413
Conc: 7.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



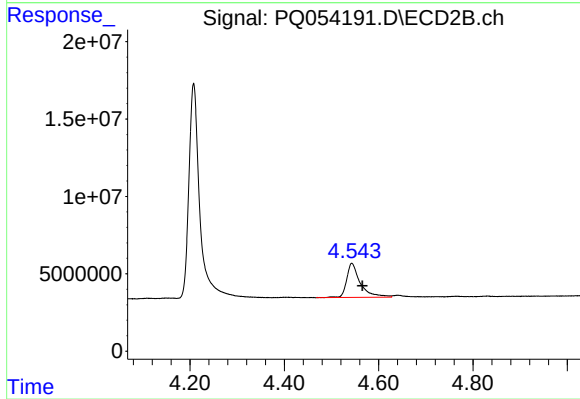
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



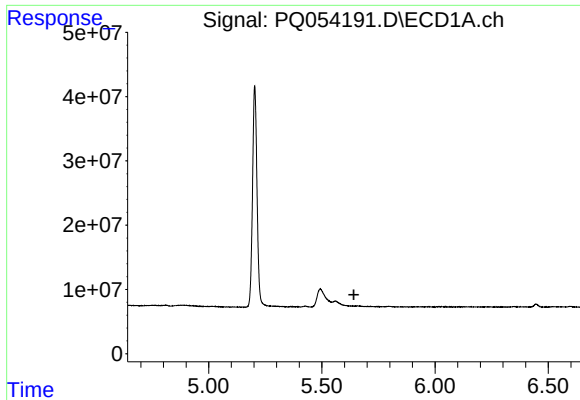
#9 AR-1221-2

R.T.: 5.559 min
Delta R.T.: 0.005 min
Response: 19382709
Conc: 107.00 ng/ml



#9 AR-1221-2

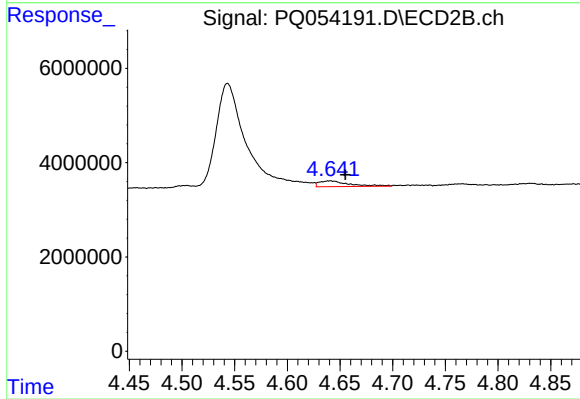
R.T.: 4.543 min
Delta R.T.: -0.022 min
Response: 44590396
Conc: 422.69 ng/ml



#10 AR-1221-3

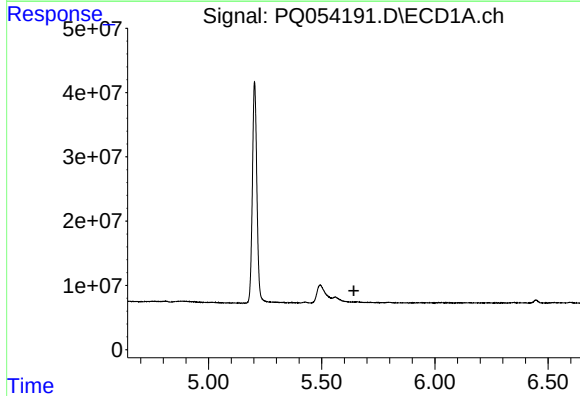
R.T.: 0.000 min
Exp R.T.: 5.641 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



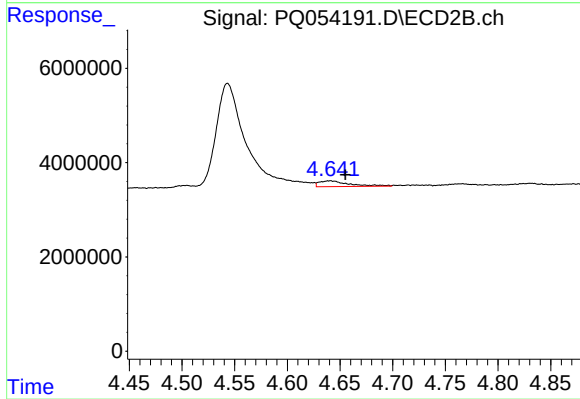
#10 AR-1221-3

R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 2449530
Conc: 6.98 ng/ml



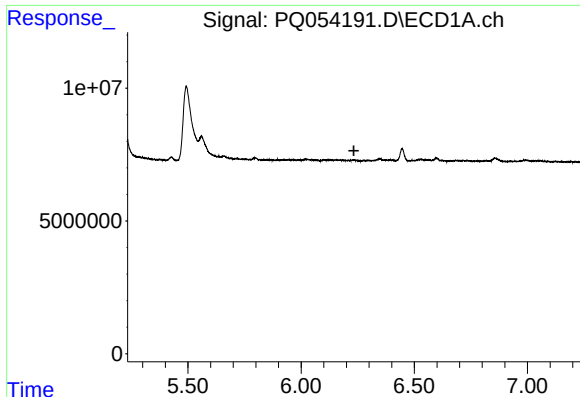
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 5.642 min
Response: 0
Conc: N.D.



#11 AR-1232-1

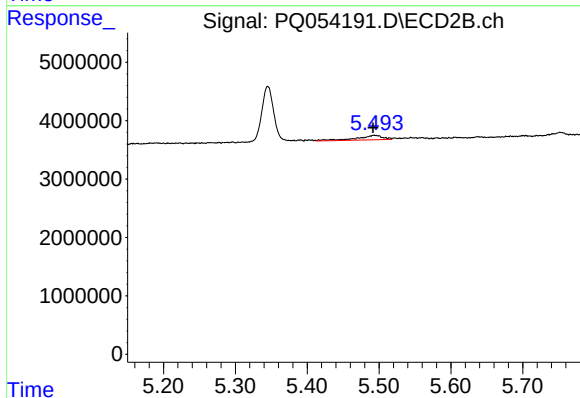
R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 2449530
Conc: 10.49 ng/ml



#12 AR-1232-2

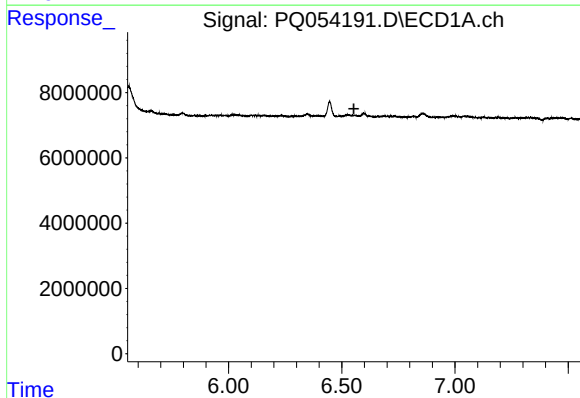
R.T.: 0.000 min
Exp R.T.: 6.233 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



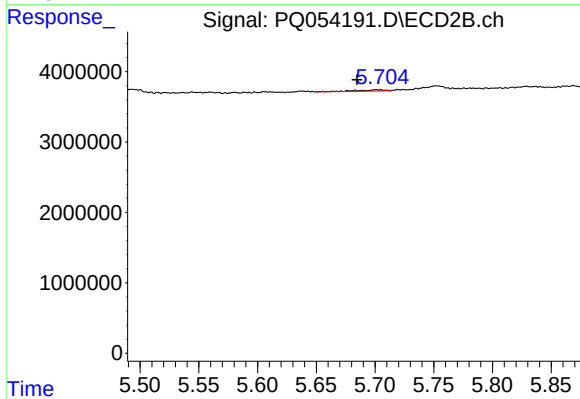
#12 AR-1232-2

R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 1912668
Conc: 6.60 ng/ml



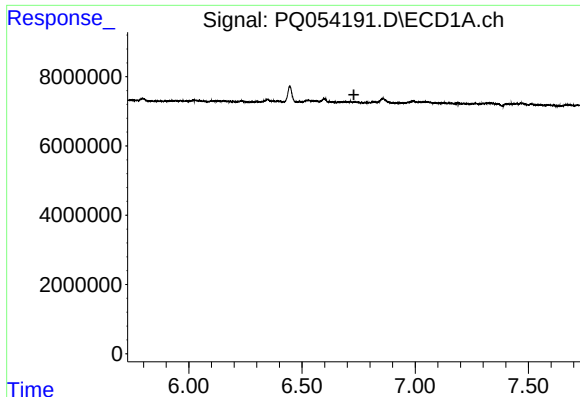
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.



#13 AR-1232-3

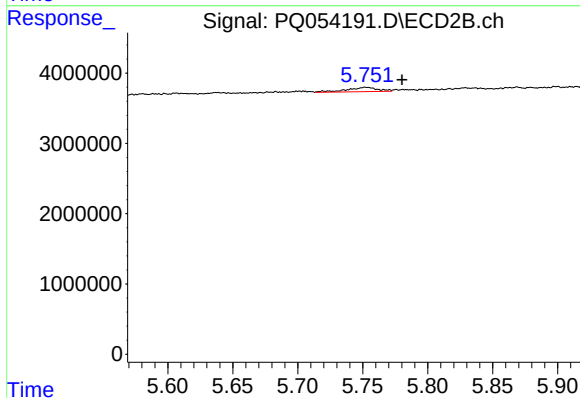
R.T.: 5.702 min
Delta R.T.: 0.017 min
Response: 362623
Conc: 2.73 ng/ml



#14 AR-1232-4

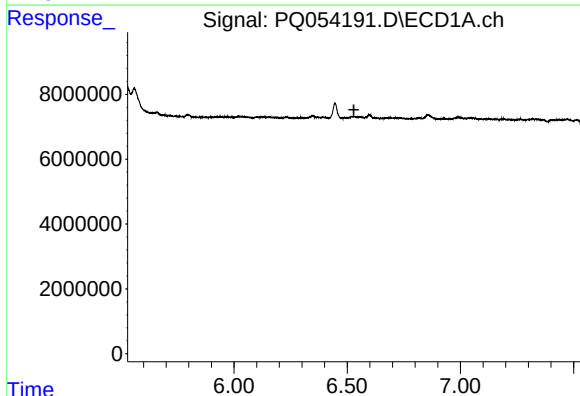
R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



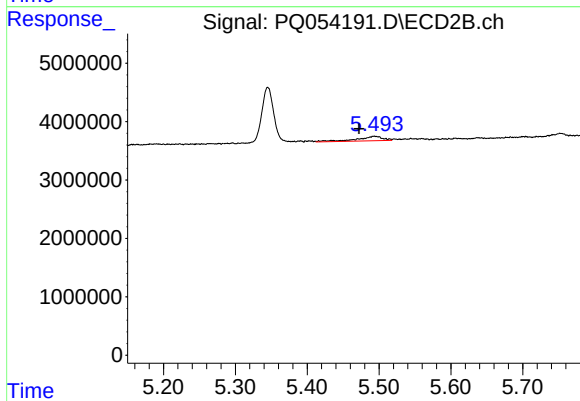
#14 AR-1232-4

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 1029188
Conc: 9.02 ng/ml



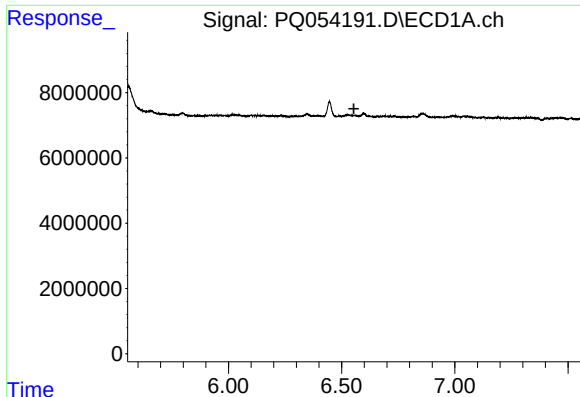
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.530 min
Response: 0
Conc: N.D.



#16 AR-1242-1

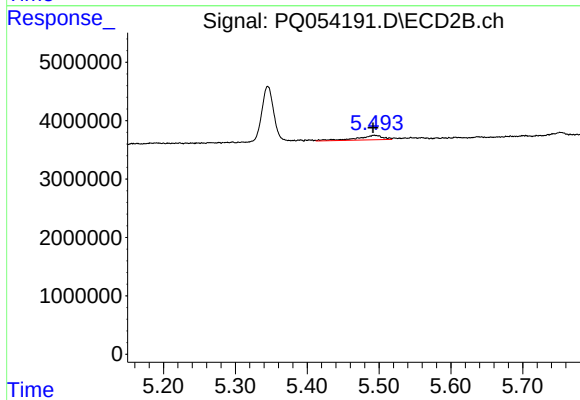
R.T.: 5.494 min
Delta R.T.: 0.022 min
Response: 1912668
Conc: 7.03 ng/ml



#17 AR-1242-2

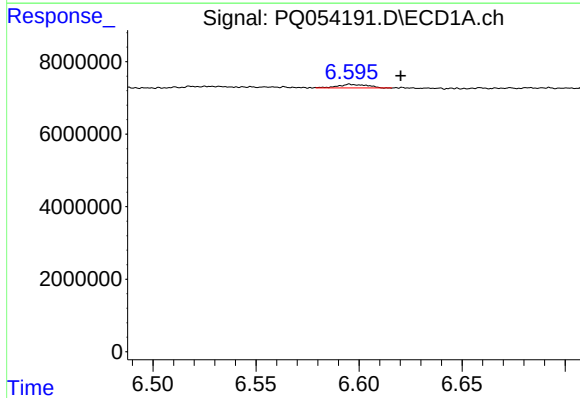
R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



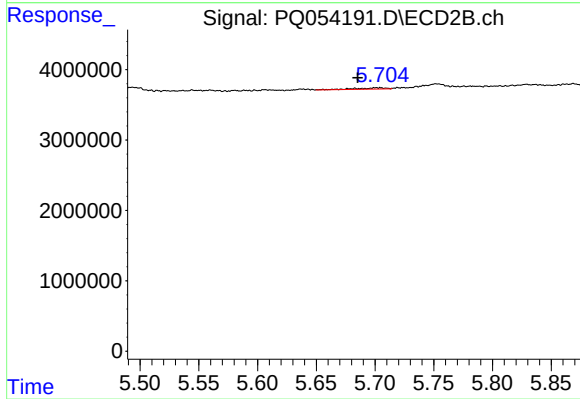
#17 AR-1242-2

R.T.: 5.494 min
Delta R.T.: 0.003 min
Response: 1912668
Conc: 4.06 ng/ml



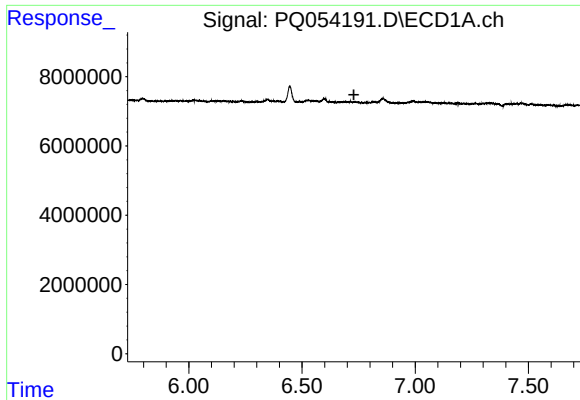
#18 AR-1242-3

R.T.: 6.596 min
Delta R.T.: -0.024 min
Response: 985013
Conc: 2.26 ng/ml



#18 AR-1242-3

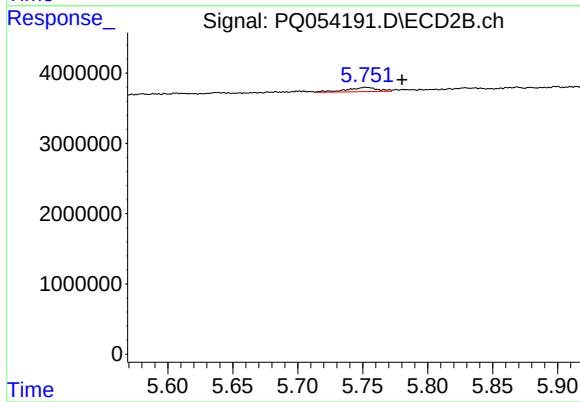
R.T.: 5.702 min
Delta R.T.: 0.017 min
Response: 362623
Conc: 1.64 ng/ml



#19 AR-1242-4

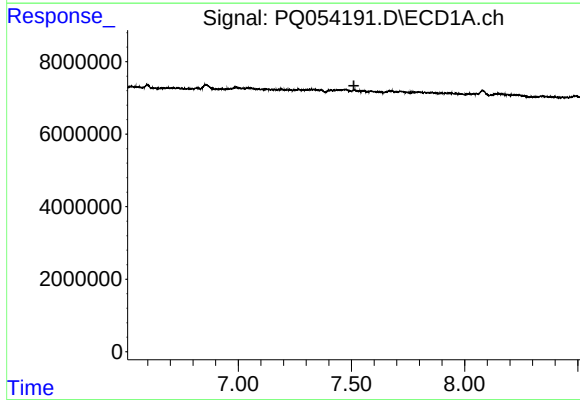
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



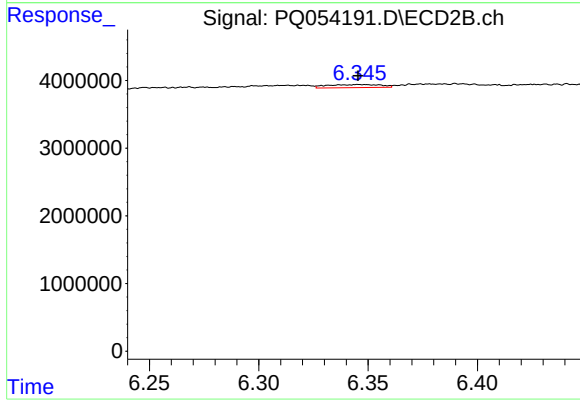
#19 AR-1242-4

R.T.: 5.753 min
Delta R.T.: -0.028 min
Response: 1029188
Conc: 4.76 ng/ml



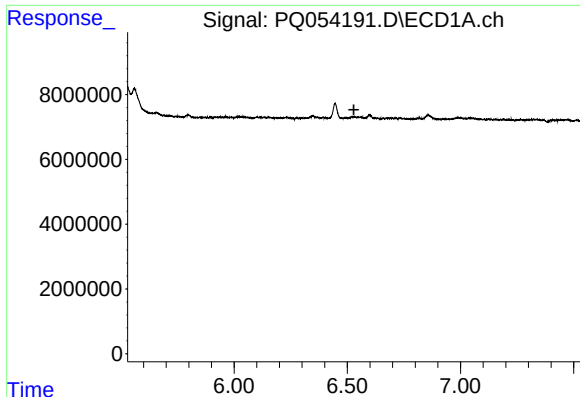
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.



#20 AR-1242-5

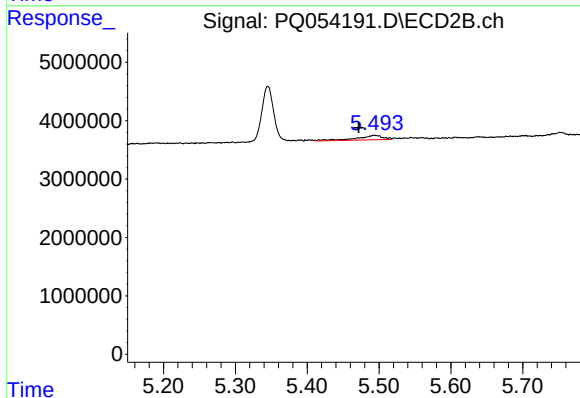
R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 778118
Conc: 2.62 ng/ml



#21 AR-1248-1

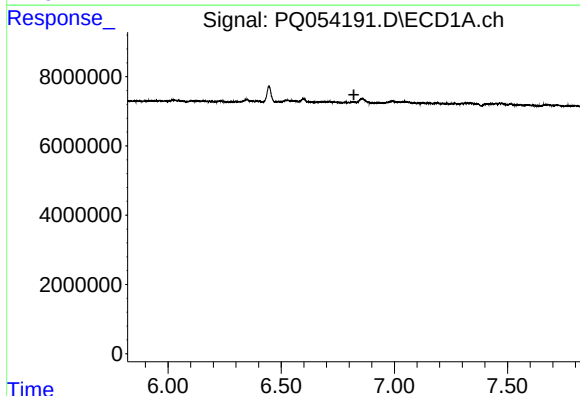
R.T.: 0.000 min
Exp R.T.: 6.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



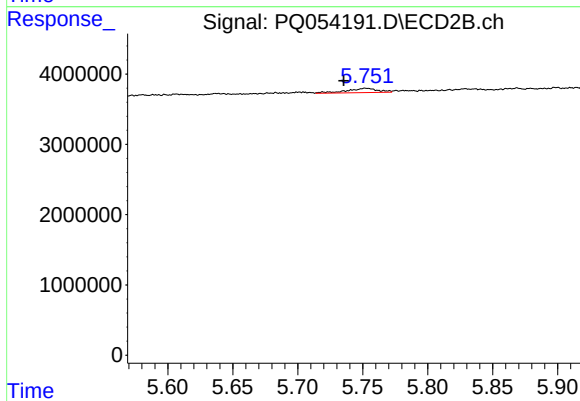
#21 AR-1248-1

R.T.: 5.494 min
Delta R.T.: 0.022 min
Response: 1912668
Conc: 8.48 ng/ml



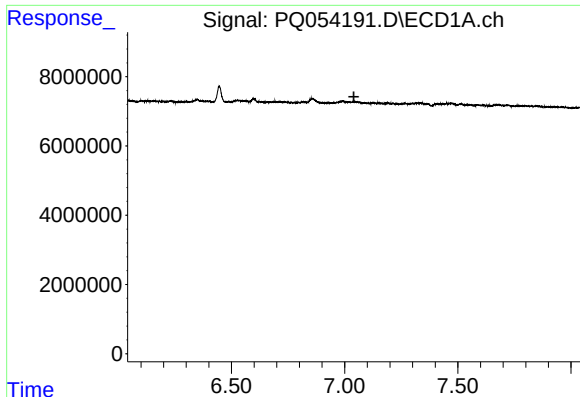
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.821 min
Response: 0
Conc: N.D.



#22 AR-1248-2

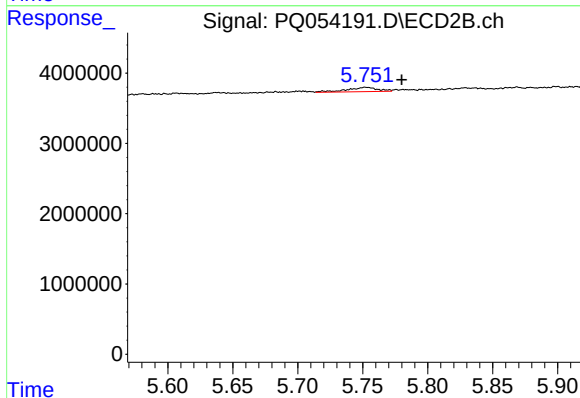
R.T.: 5.753 min
Delta R.T.: 0.017 min
Response: 1029188
Conc: 3.14 ng/ml



#23 AR-1248-3

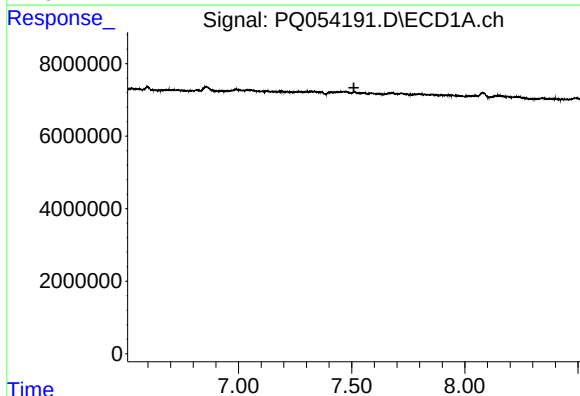
R.T.: 0.000 min
Exp R.T.: 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



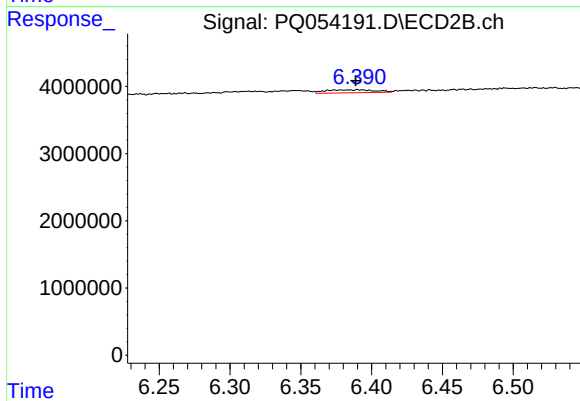
#23 AR-1248-3

R.T.: 5.753 min
Delta R.T.: -0.027 min
Response: 1029188
Conc: 3.11 ng/ml



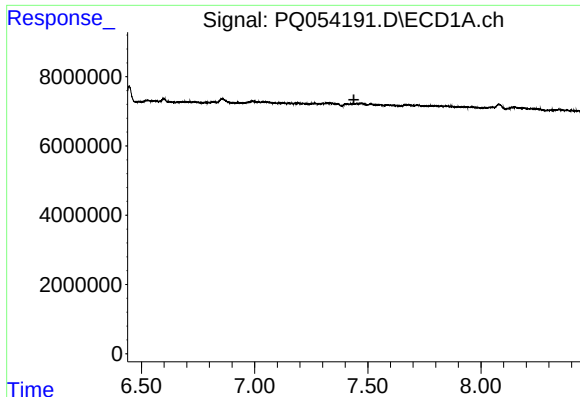
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.



#25 AR-1248-5

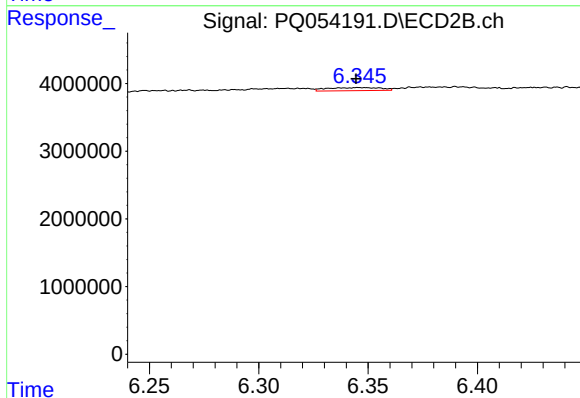
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 1072783
Conc: 2.69 ng/ml



#26 AR-1254-1

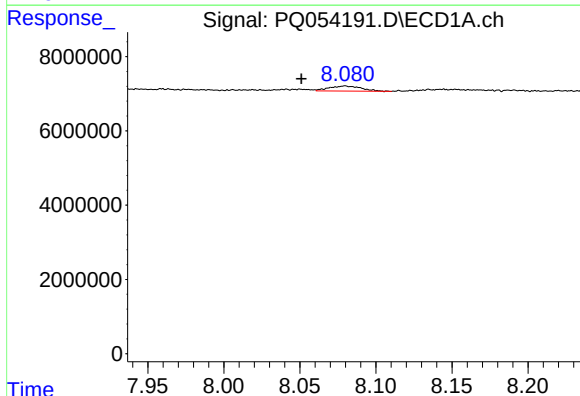
R.T.: 0.000 min
Exp R.T.: 7.439 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



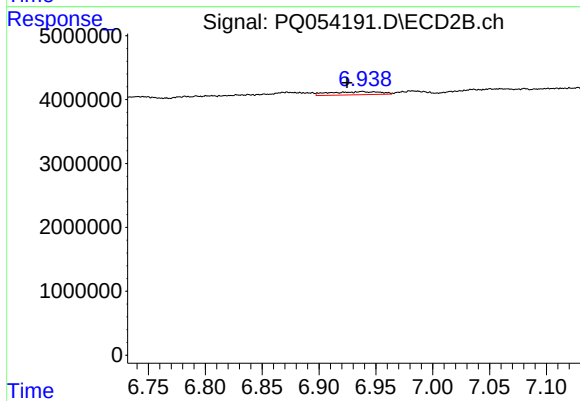
#26 AR-1254-1

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 778118
Conc: 1.16 ng/ml



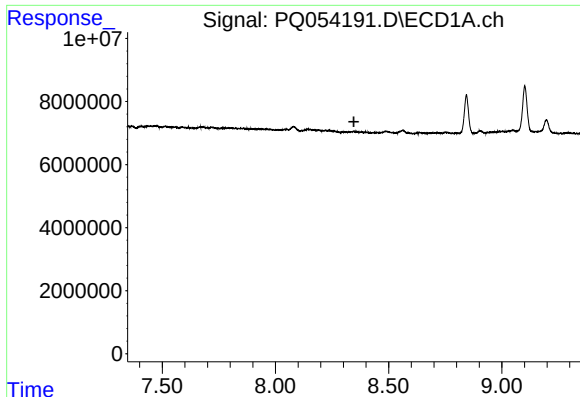
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: 0.029 min
Response: 2028049
Conc: 1.72 ng/ml



#28 AR-1254-3

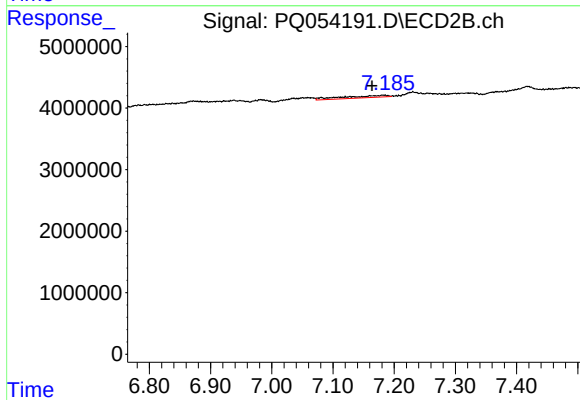
R.T.: 6.938 min
Delta R.T.: 0.013 min
Response: 1494004
Conc: 1.55 ng/ml



#29 AR-1254-4

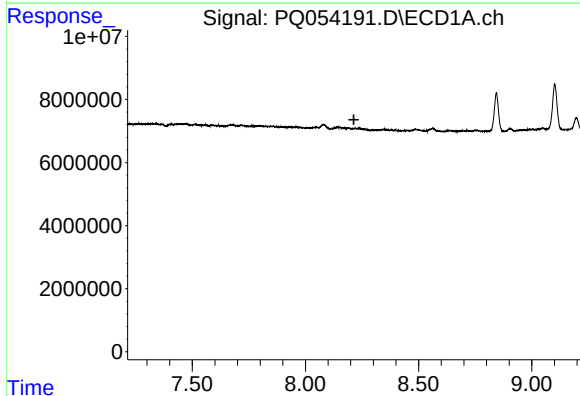
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



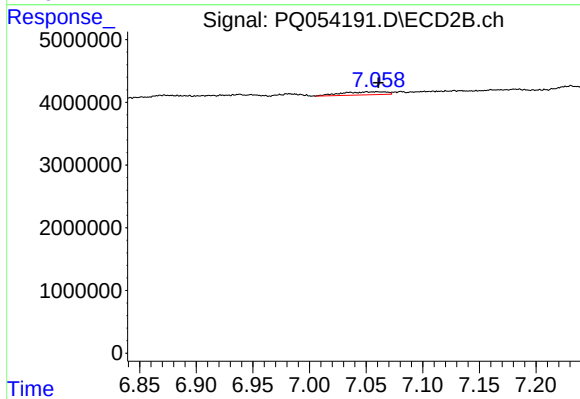
#29 AR-1254-4

R.T.: 7.182 min
Delta R.T.: 0.019 min
Response: 1812143
Conc: 2.72 ng/ml



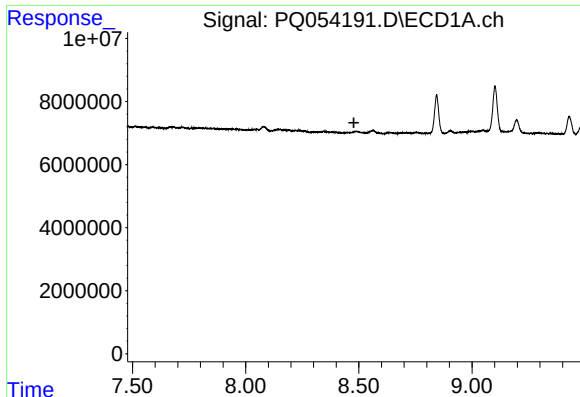
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

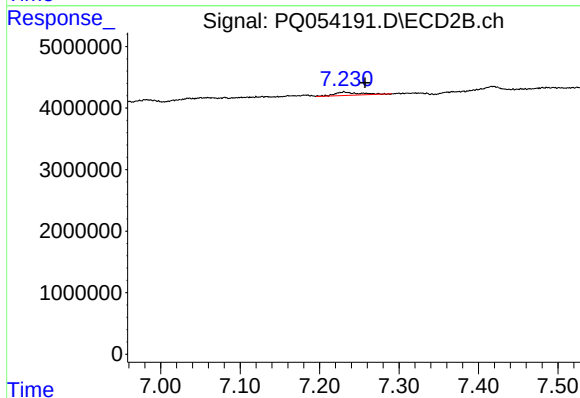
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 1312638
Conc: 1.75 ng/ml



#32 AR-1260-2

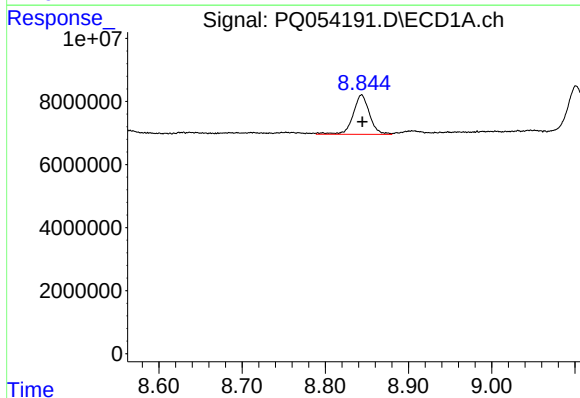
R.T.: 0.000 min
Exp R.T.: 8.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



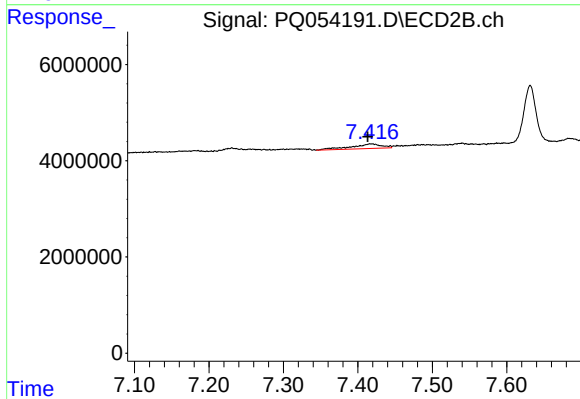
#32 AR-1260-2

R.T.: 7.231 min
Delta R.T.: -0.027 min
Response: 1580495
Conc: 1.51 ng/ml



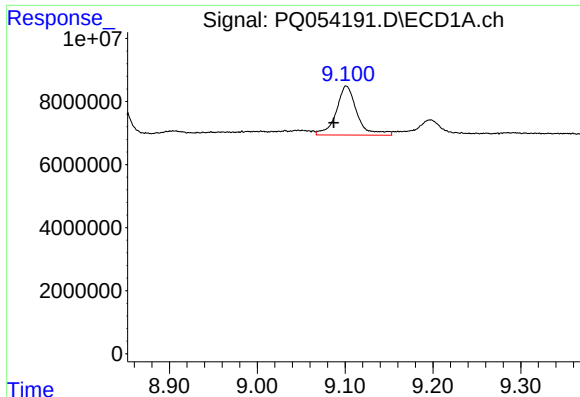
#33 AR-1260-3

R.T.: 8.844 min
Delta R.T.: -0.001 min
Response: 17204277
Conc: 24.32 ng/ml



#33 AR-1260-3

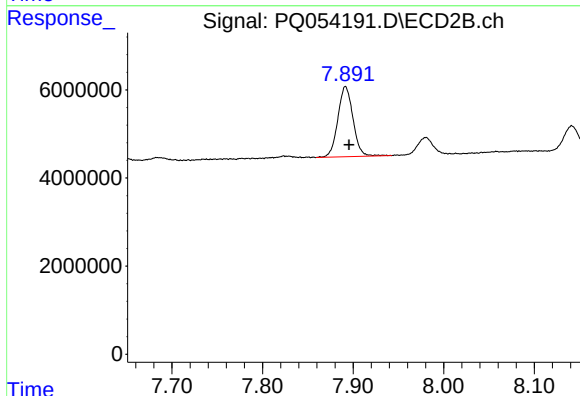
R.T.: 7.418 min
Delta R.T.: 0.005 min
Response: 2744909
Conc: 3.15 ng/ml



#34 AR-1260-4

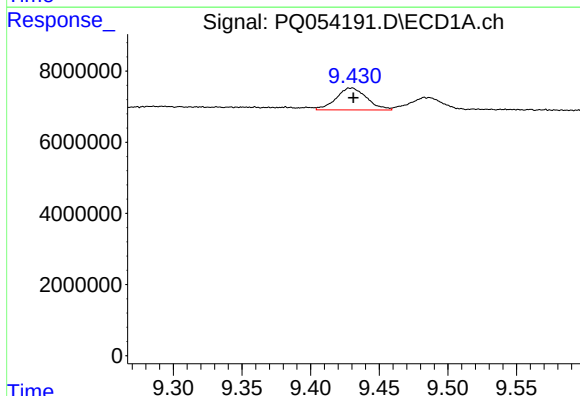
R.T.: 9.101 min
Delta R.T.: 0.014 min
Response: 25555655
Conc: 28.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



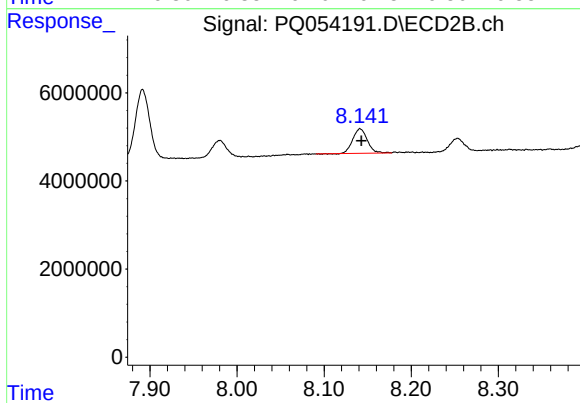
#34 AR-1260-4

R.T.: 7.892 min
Delta R.T.: -0.004 min
Response: 18598339
Conc: 29.87 ng/ml



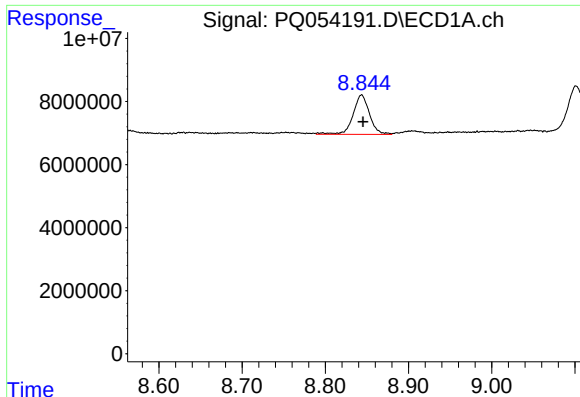
#35 AR-1260-5

R.T.: 9.430 min
Delta R.T.: -0.002 min
Response: 9561123
Conc: 5.68 ng/ml



#35 AR-1260-5

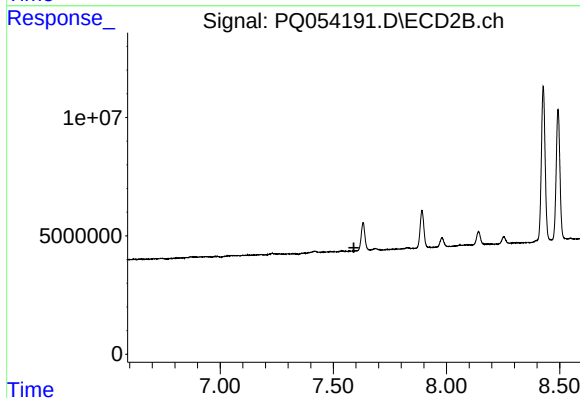
R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 6426403
Conc: 3.75 ng/ml



#36 AR-1262-1

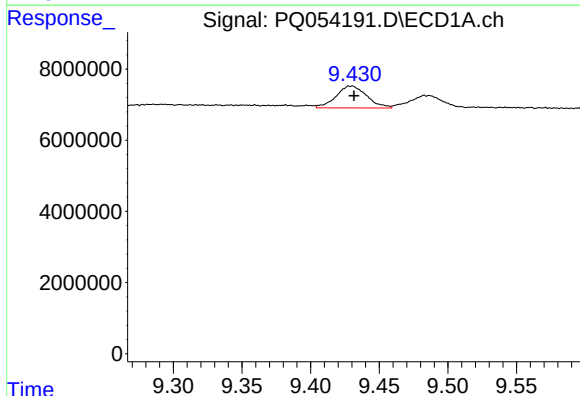
R.T.: 8.844 min
Delta R.T.: -0.002 min
Response: 17204277
Conc: 17.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



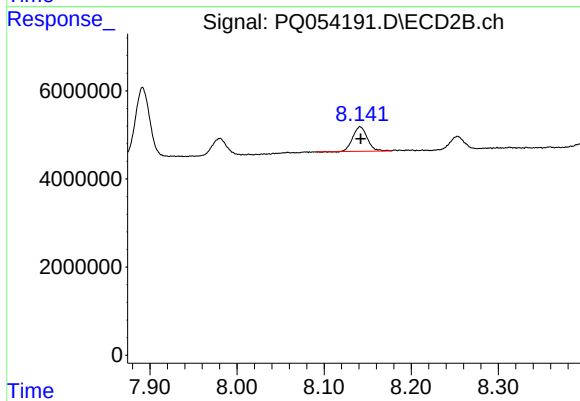
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.591 min
Response: 0
Conc: N.D.



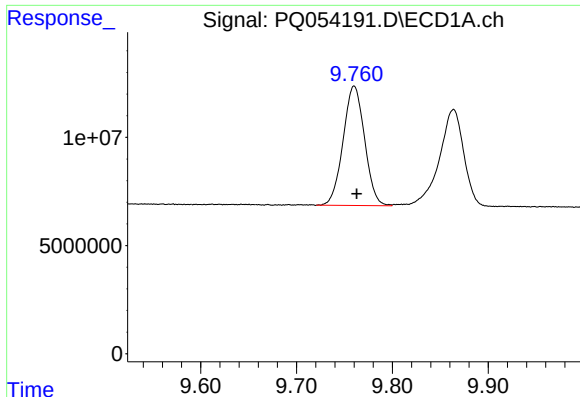
#37 AR-1262-2

R.T.: 9.430 min
Delta R.T.: -0.002 min
Response: 9561123
Conc: 5.30 ng/ml



#37 AR-1262-2

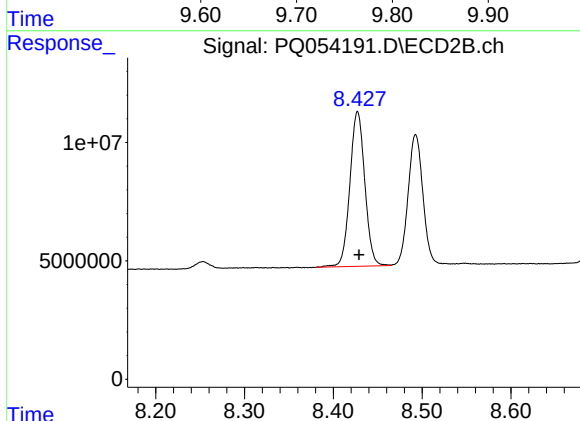
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 6426403
Conc: 3.41 ng/ml



#38 AR-1262-3

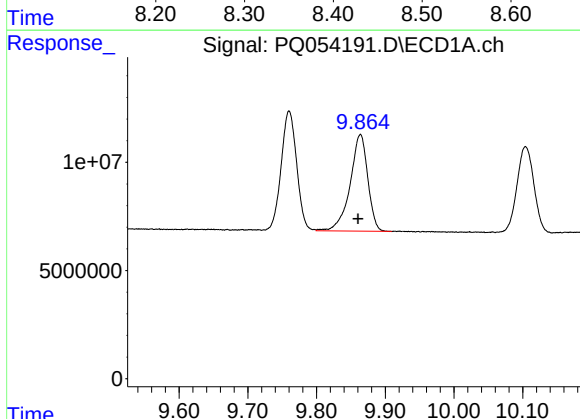
R.T.: 9.760 min
Delta R.T.: -0.003 min
Response: 86425675
Conc: 70.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



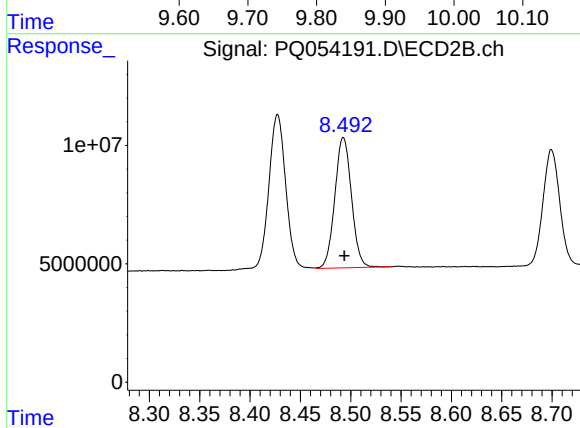
#38 AR-1262-3

R.T.: 8.427 min
Delta R.T.: -0.001 min
Response: 76307630
Conc: 99.40 ng/ml



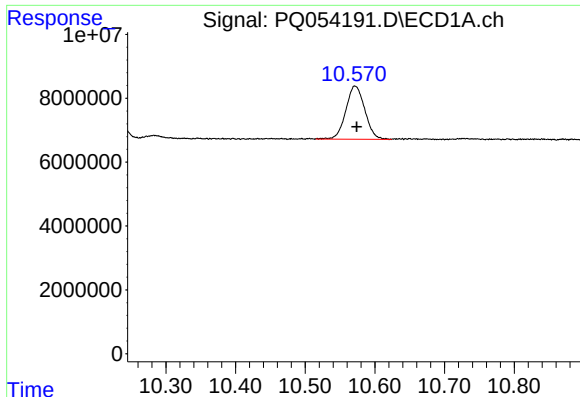
#39 AR-1262-4

R.T.: 9.864 min
Delta R.T.: 0.003 min
Response: 79891363
Conc: 88.25 ng/ml



#39 AR-1262-4

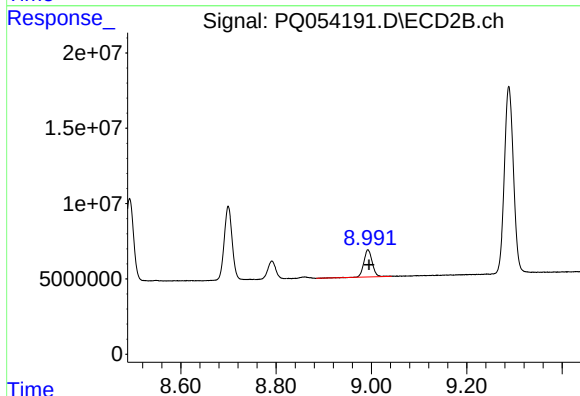
R.T.: 8.493 min
Delta R.T.: 0.000 min
Response: 63411385
Conc: 50.72 ng/ml



#40 AR-1262-5

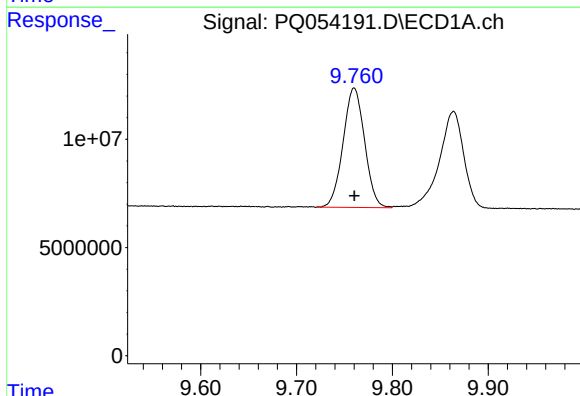
R.T.: 10.571 min
Delta R.T.: -0.003 min
Response: 31529599
Conc: 47.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



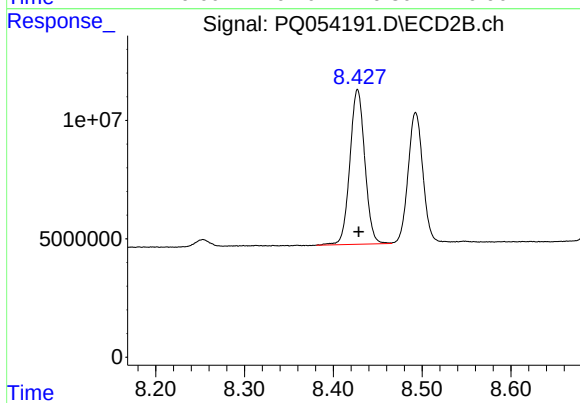
#40 AR-1262-5

R.T.: 8.993 min
Delta R.T.: -0.002 min
Response: 22132536
Conc: 38.35 ng/ml



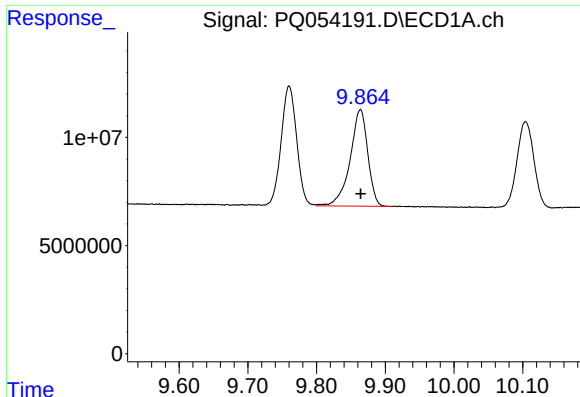
#41 AR-1268-1

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 86425675
Conc: 40.98 ng/ml



#41 AR-1268-1

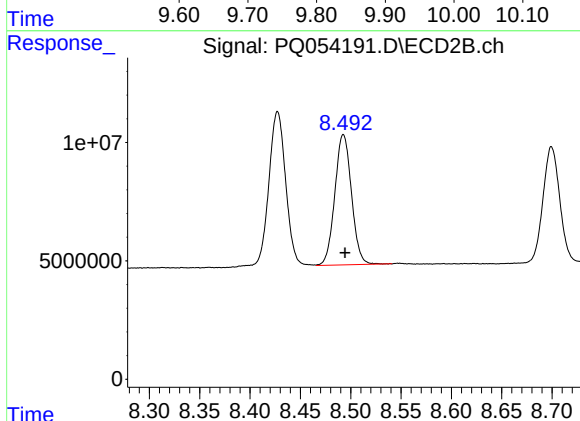
R.T.: 8.427 min
Delta R.T.: -0.001 min
Response: 76307630
Conc: 33.83 ng/ml



#42 AR-1268-2

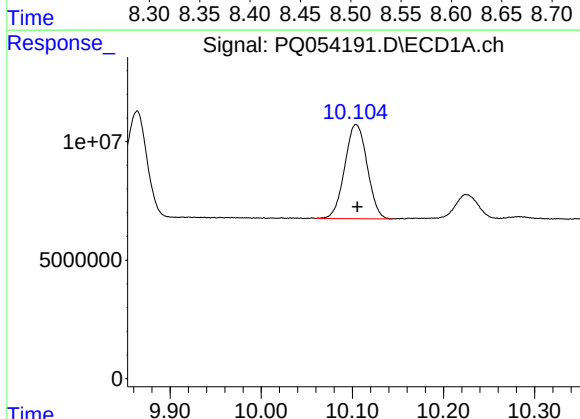
R.T.: 9.864 min
Delta R.T.: 0.000 min
Response: 79891363
Conc: 41.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



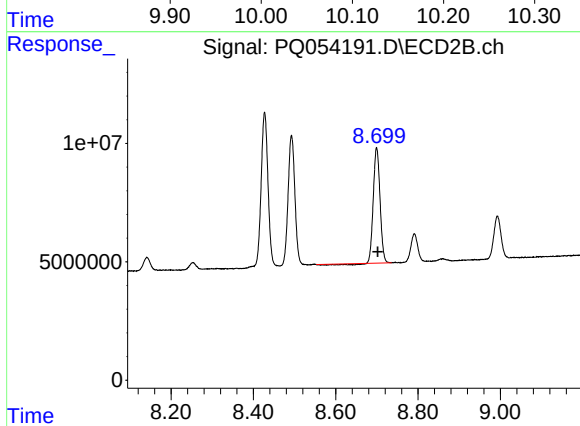
#42 AR-1268-2

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 63411385
Conc: 33.95 ng/ml



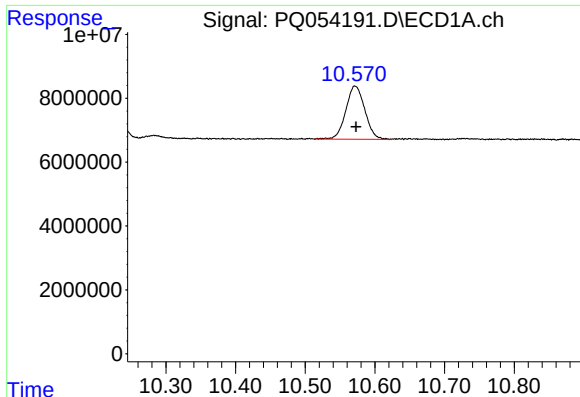
#43 AR-1268-3

R.T.: 10.104 min
Delta R.T.: -0.001 min
Response: 67927019
Conc: 42.19 ng/ml



#43 AR-1268-3

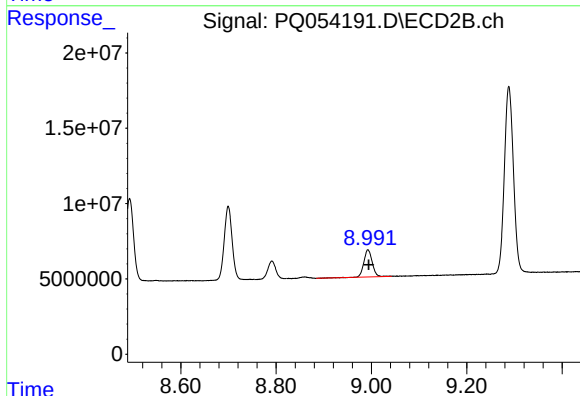
R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 54141023
Conc: 32.39 ng/ml



#44 AR-1268-4

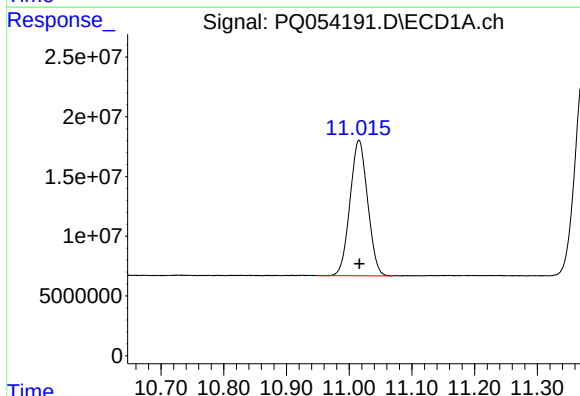
R.T.: 10.571 min
Delta R.T.: -0.002 min
Response: 31529599
Conc: 43.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021



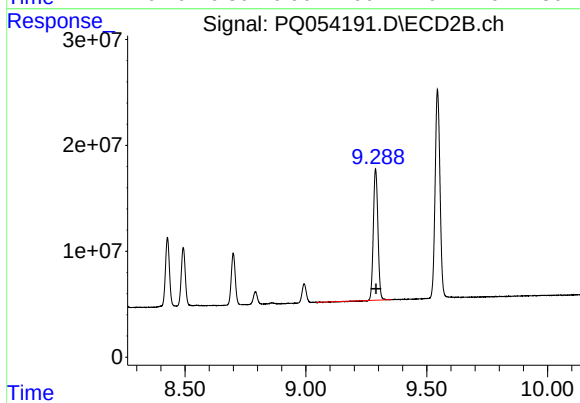
#44 AR-1268-4

R.T.: 8.993 min
Delta R.T.: -0.001 min
Response: 22132536
Conc: 33.94 ng/ml



#45 AR-1268-5

R.T.: 11.016 min
Delta R.T.: 0.000 min
Response: 221167832
Conc: 40.56 ng/ml



#45 AR-1268-5

R.T.: 9.288 min
Delta R.T.: -0.002 min
Response: 160931456
Conc: 34.15 ng/ml