

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 02:17
 Operator : AJ\MA
 Sample : M2940-08
 Misc : AR1248 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 06:40:45 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	4.207	363.3E6	206.8E6	15.556	14.630
2)	SA Decachlor...	11.375	9.544	275.4E6	216.8E6	16.366	17.190
Target Compounds							
3)	L1 AR-1016-1	6.531	5.472	23325377	11944943	31.822	26.387
4)	L1 AR-1016-2	6.557	5.492	27076019	15016245	24.105	20.258
5)	L1 AR-1016-3	6.621	5.686	15361132	8436165	22.269	23.401
6)	L1 AR-1016-4	6.727	5.734	14239470	18430642	25.030	64.574 #
7)	L1 AR-1016-5	7.041	5.965	33465183	21208840	61.825	58.209
8)	L2 AR-1221-1	5.426f	0.000	2068417	0	8.549	N.D. #
9)	L2 AR-1221-2	5.561	4.565	7885505	3015364	43.531	28.584 #
10)	L2 AR-1221-3	5.645	4.655	3438351	2626682	6.009	7.485
11)	L3 AR-1232-1	5.645	4.655	3438351	2626682	8.801	11.253 #
12)	L3 AR-1232-2	6.233	5.492	10317050	15016245	44.412	51.847
13)	L3 AR-1232-3	6.557	5.686	27076019	8436165	63.099	63.585
14)	L3 AR-1232-4	6.727	5.780	14239470	17589108	65.746	154.142 #
15)	L3 AR-1232-5	6.821	5.965	30289825	21208840	186.383	165.033
16)	L4 AR-1242-1	6.531	5.472	23325377	11944943	50.796	43.932
17)	L4 AR-1242-2	6.557	5.492	27076019	15016245	38.417	31.904
18)	L4 AR-1242-3	6.621	5.686	15361132	8436165	35.284	38.239
19)	L4 AR-1242-4	6.727	5.780	14239470	17589108	39.601	81.303 #
20)	L4 AR-1242-5	7.511	6.345	34324403	31535964	93.236	106.306
21)	L5 AR-1248-1	6.531	5.472	23325377	11944943	62.876	52.944
22)	L5 AR-1248-2	6.821	5.734	30289825	18430642	57.828	56.156
23)	L5 AR-1248-3	7.041	5.780	33465183	17589108	56.389	53.189
24)	L5 AR-1248-4	7.470	5.965	34162362	21208840	51.428	53.439
25)	L5 AR-1248-5	7.511	6.389	34324403	21413107	52.718	53.727
26)	L6 AR-1254-1	7.439	6.345	26362655	31535964	37.300	47.158 #
27)	L6 AR-1254-2	7.675	6.503	33200136	10710762	30.320	17.420 #
28)	L6 AR-1254-3	8.051	6.925	22216224	16092652	18.890	16.667
29)	L6 AR-1254-4	8.347	7.164	13362365	15868028	15.162	23.810 #
30)	L6 AR-1254-5	8.772	7.592	2621493	6031078	2.686	6.184 #
31)	L7 AR-1260-1	0.000	7.071	0	12250744	N.D.	16.344 #
32)	L7 AR-1260-2	8.484	7.255	6277555	5943359	5.529	5.690
33)	L7 AR-1260-3	0.000	7.404	0	10040468	N.D.	11.537 #
34)	L7 AR-1260-4	9.081	7.900	2739978	2256191	3.097	3.624
35)	L7 AR-1260-5	0.000	8.142	0	2394214	N.D.	1.397 #
36)	L8 AR-1262-1	0.000	7.592	0	6031078	N.D.	13.345 #
37)	L8 AR-1262-2	0.000	8.142	0	2394214	N.D.	1.271 #
43)	L9 AR-1268-3	0.000	8.700	0	1418990	N.D.	0.849 #
45)	L9 AR-1268-5	0.000	9.287	0	1918380	N.D.	0.407 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
Data File : PQ054168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2021 02:17
Operator : AJ\MA
Sample : M2940-08
Misc : AR1248 LOQ 50 PPB
ALS Vial : 36 Sample Multiplier: 1

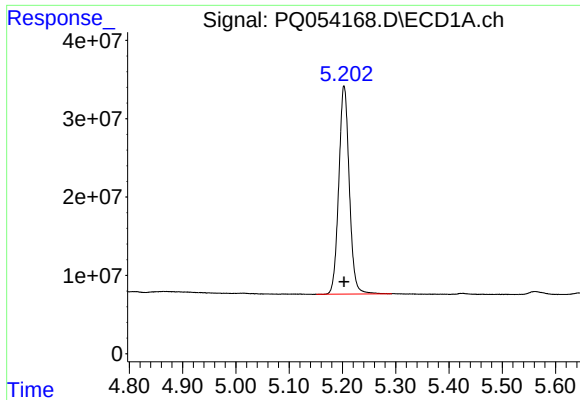
Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 06:40:45 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

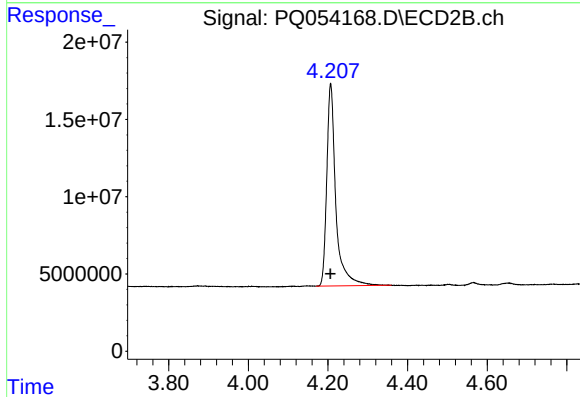
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						



#1 Tetrachloro-m-xylene

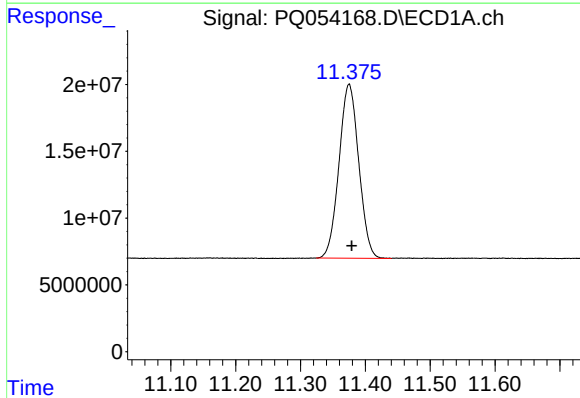
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 363264903
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



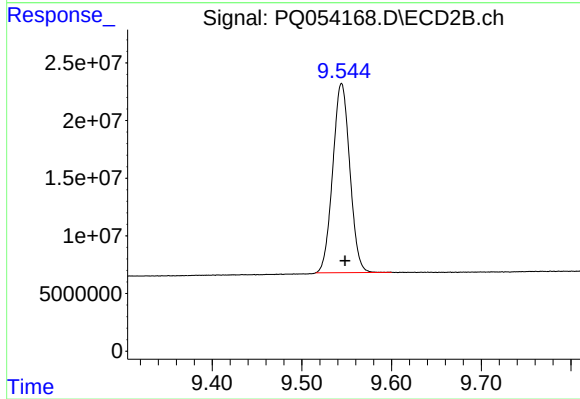
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 206826418
Conc: 14.63 ng/ml



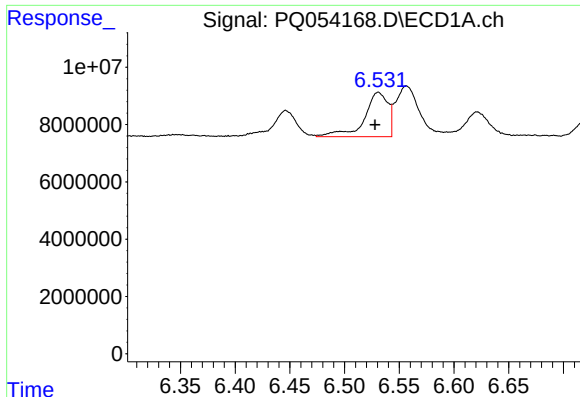
#2 Decachlorobiphenyl

R.T.: 11.375 min
Delta R.T.: -0.004 min
Response: 275374015
Conc: 16.37 ng/ml



#2 Decachlorobiphenyl

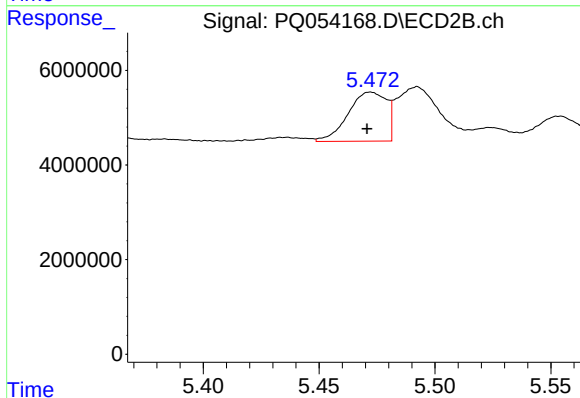
R.T.: 9.544 min
Delta R.T.: -0.004 min
Response: 216840073
Conc: 17.19 ng/ml



#3 AR-1016-1

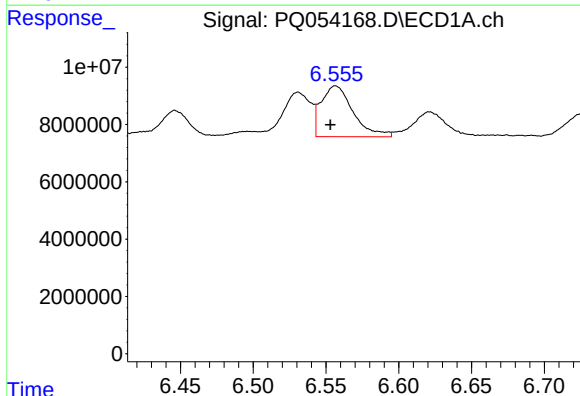
R.T.: 6.531 min
Delta R.T.: 0.003 min
Response: 23325377
Conc: 31.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



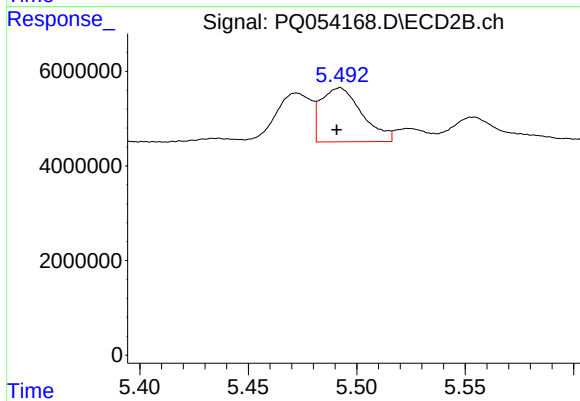
#3 AR-1016-1

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 11944943
Conc: 26.39 ng/ml



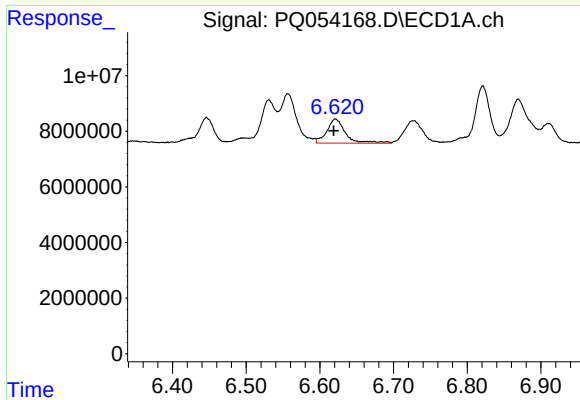
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 27076019
Conc: 24.10 ng/ml



#4 AR-1016-2

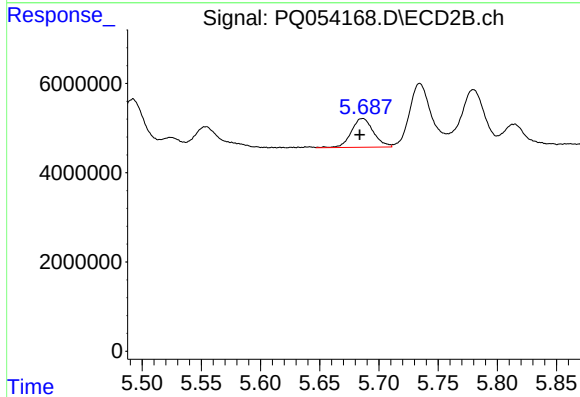
R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 15016245
Conc: 20.26 ng/ml



#5 AR-1016-3

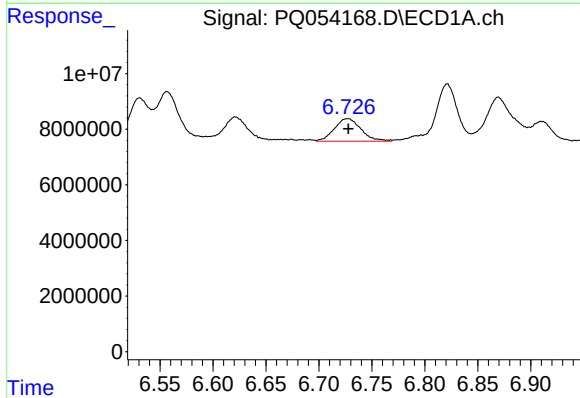
R.T.: 6.621 min
Delta R.T.: 0.002 min
Response: 15361132
Conc: 22.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



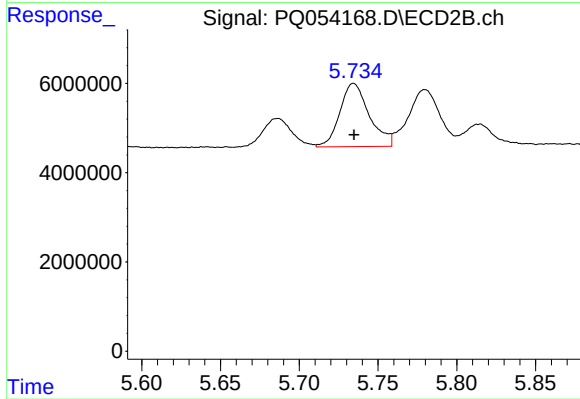
#5 AR-1016-3

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 8436165
Conc: 23.40 ng/ml



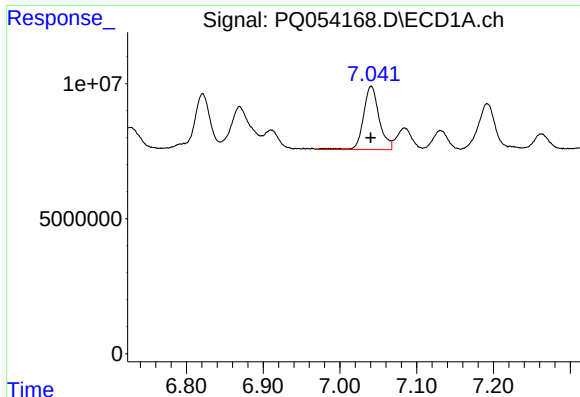
#6 AR-1016-4

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 14239470
Conc: 25.03 ng/ml



#6 AR-1016-4

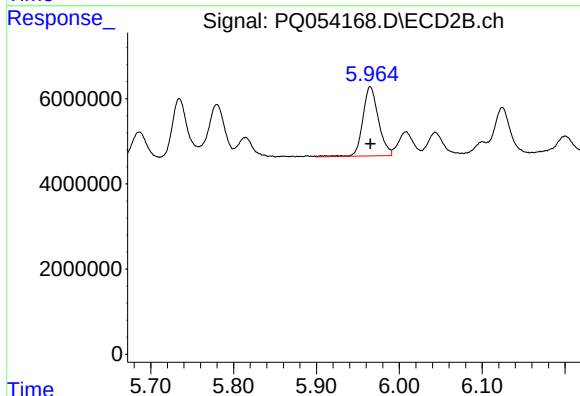
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 18430642
Conc: 64.57 ng/ml



#7 AR-1016-5

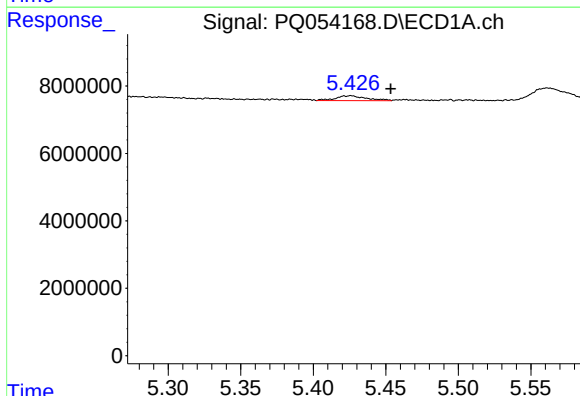
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 33465183
Conc: 61.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



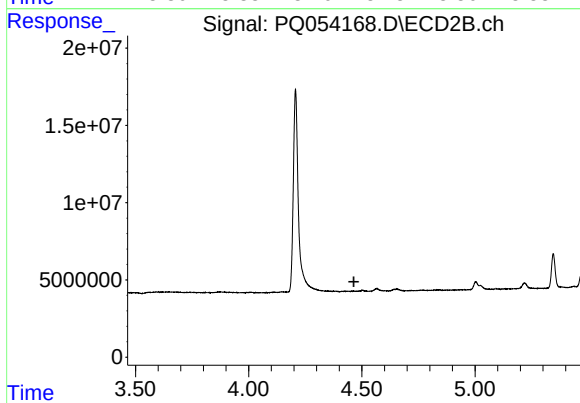
#7 AR-1016-5

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 21208840
Conc: 58.21 ng/ml



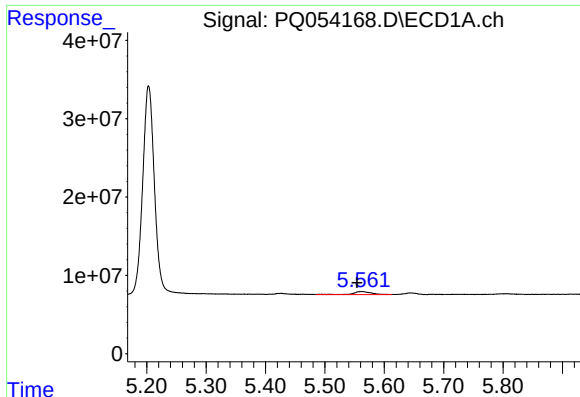
#8 AR-1221-1

R.T.: 5.426 min
Delta R.T.: -0.028 min
Response: 2068417
Conc: 8.55 ng/ml



#8 AR-1221-1

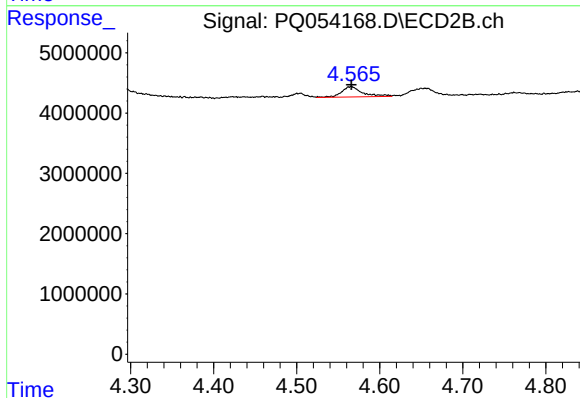
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

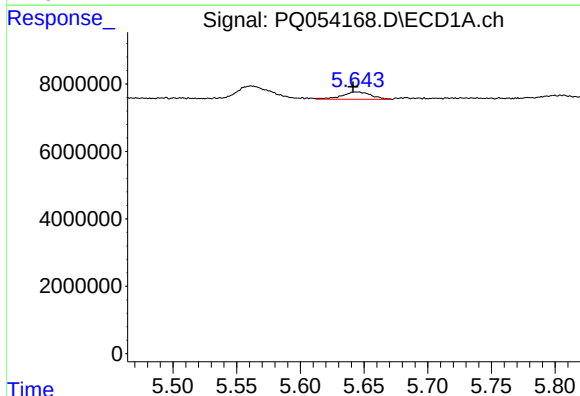
R.T.: 5.561 min
Delta R.T.: 0.007 min
Response: 7885505
Conc: 43.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



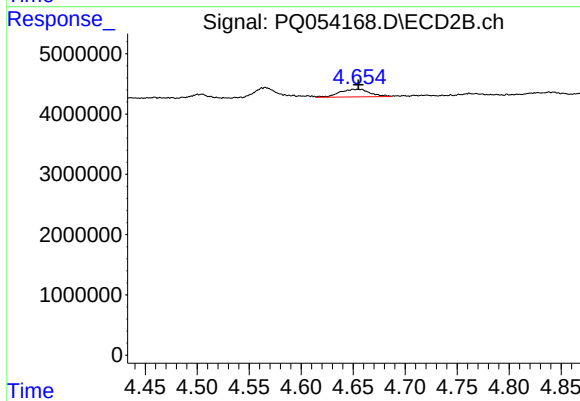
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 3015364
Conc: 28.58 ng/ml



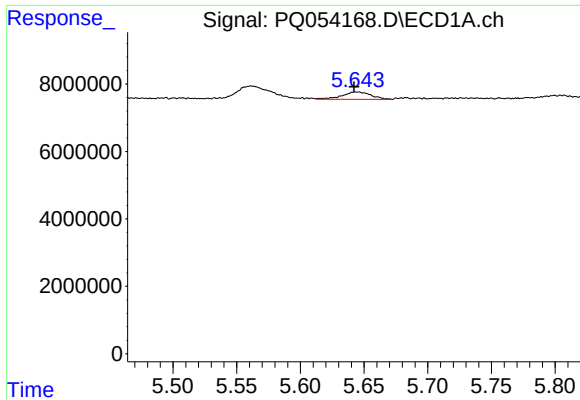
#10 AR-1221-3

R.T.: 5.645 min
Delta R.T.: 0.003 min
Response: 3438351
Conc: 6.01 ng/ml



#10 AR-1221-3

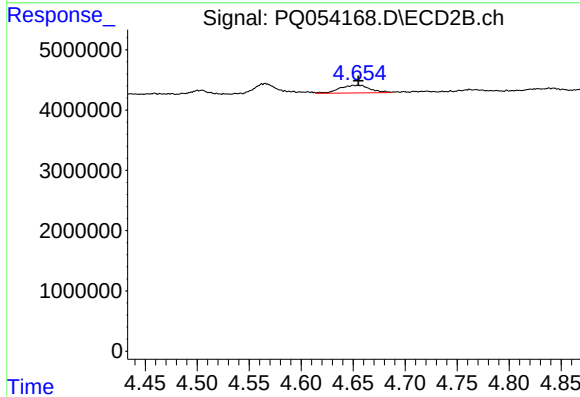
R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 2626682
Conc: 7.49 ng/ml



#11 AR-1232-1

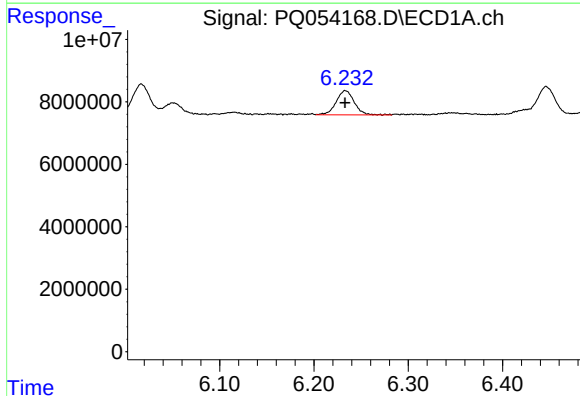
R.T.: 5.645 min
Delta R.T.: 0.002 min
Response: 3438351
Conc: 8.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



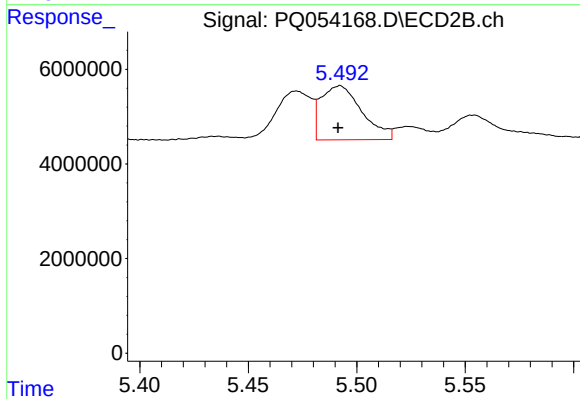
#11 AR-1232-1

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 2626682
Conc: 11.25 ng/ml



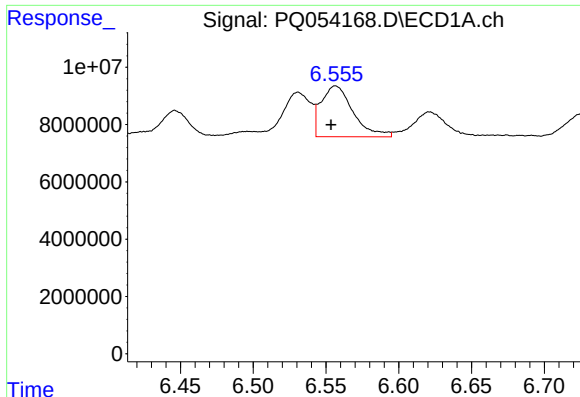
#12 AR-1232-2

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 10317050
Conc: 44.41 ng/ml



#12 AR-1232-2

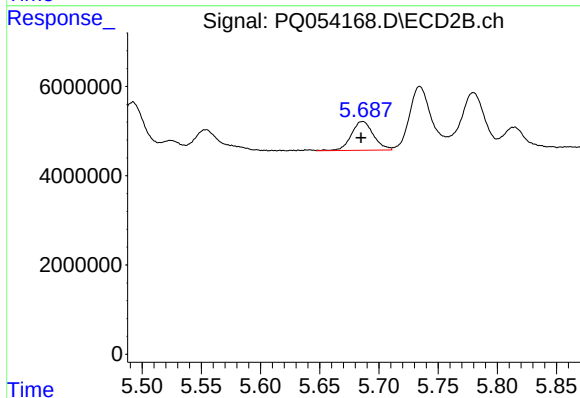
R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 15016245
Conc: 51.85 ng/ml



#13 AR-1232-3

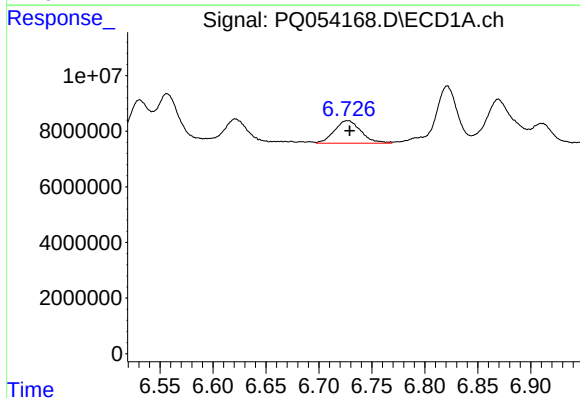
R.T.: 6.557 min
Delta R.T.: 0.003 min
Response: 27076019
Conc: 63.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



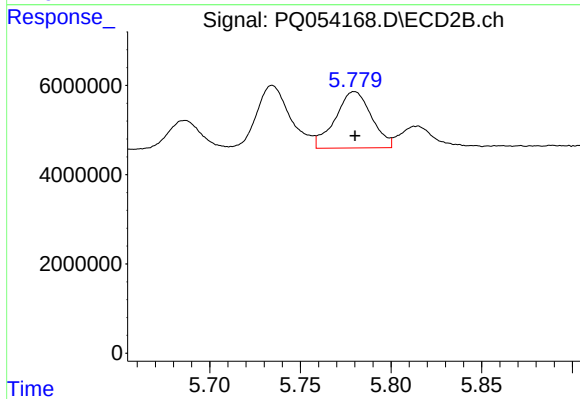
#13 AR-1232-3

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 8436165
Conc: 63.59 ng/ml



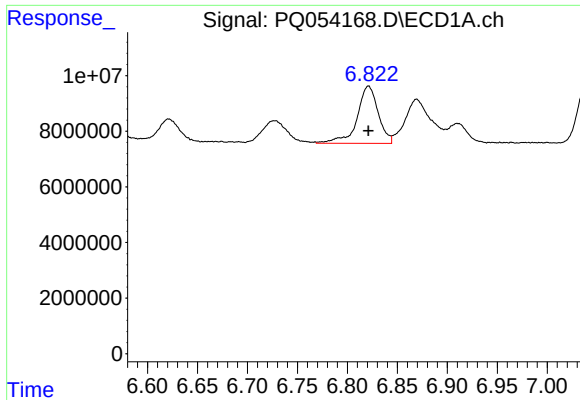
#14 AR-1232-4

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 14239470
Conc: 65.75 ng/ml



#14 AR-1232-4

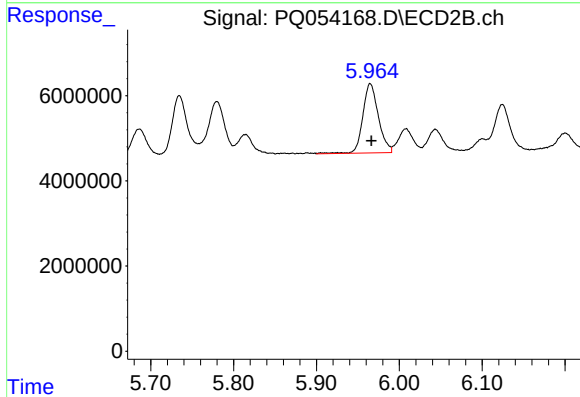
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 17589108
Conc: 154.14 ng/ml



#15 AR-1232-5

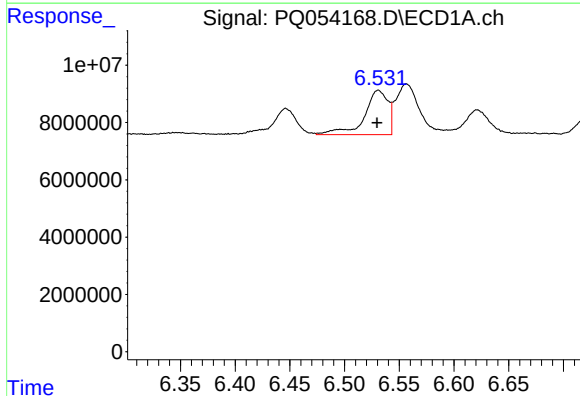
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 30289825
Conc: 186.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



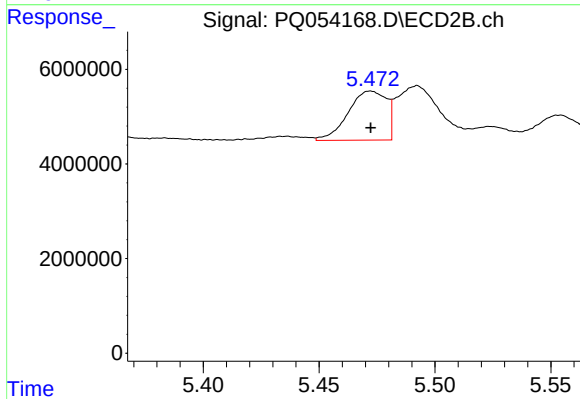
#15 AR-1232-5

R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 21208840
Conc: 165.03 ng/ml



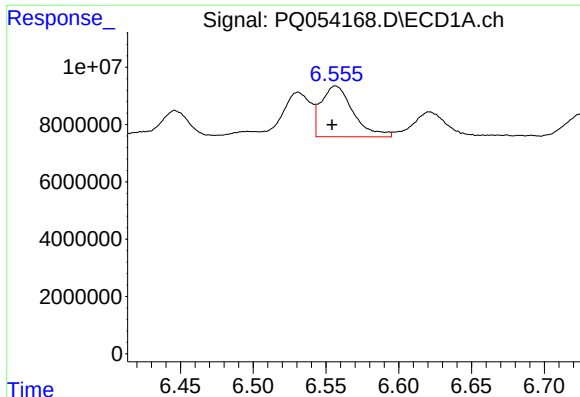
#16 AR-1242-1

R.T.: 6.531 min
Delta R.T.: 0.001 min
Response: 23325377
Conc: 50.80 ng/ml



#16 AR-1242-1

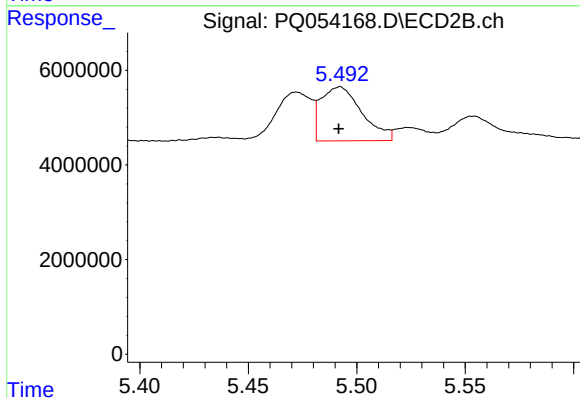
R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 11944943
Conc: 43.93 ng/ml



#17 AR-1242-2

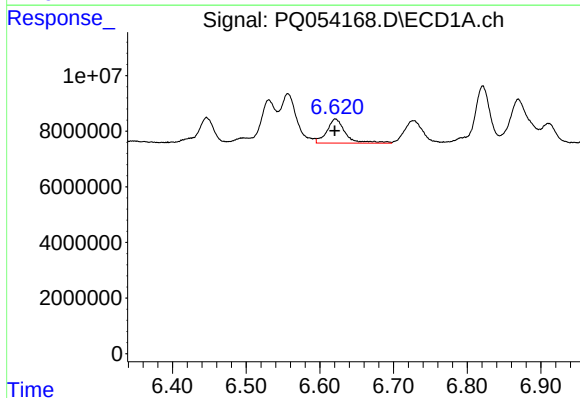
R.T.: 6.557 min
Delta R.T.: 0.002 min
Response: 27076019
Conc: 38.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



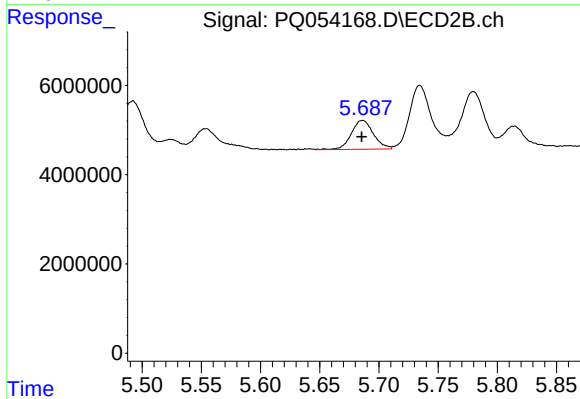
#17 AR-1242-2

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 15016245
Conc: 31.90 ng/ml



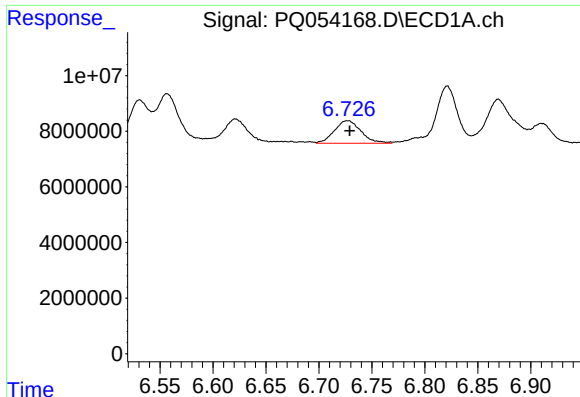
#18 AR-1242-3

R.T.: 6.621 min
Delta R.T.: 0.001 min
Response: 15361132
Conc: 35.28 ng/ml



#18 AR-1242-3

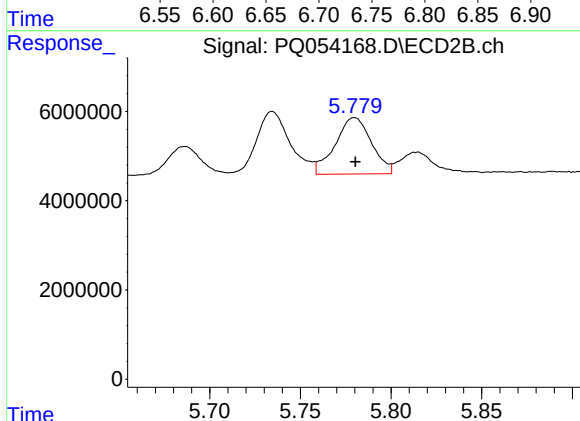
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 8436165
Conc: 38.24 ng/ml



#19 AR-1242-4

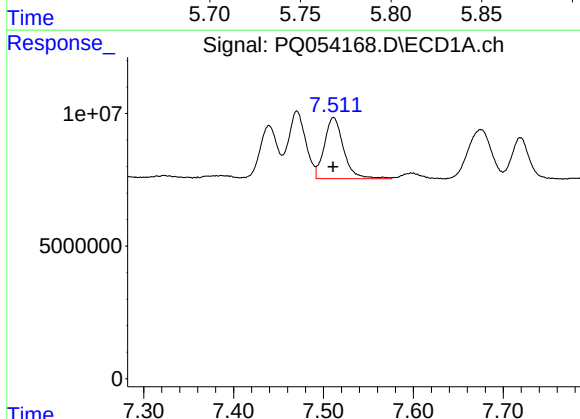
R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 14239470
Conc: 39.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



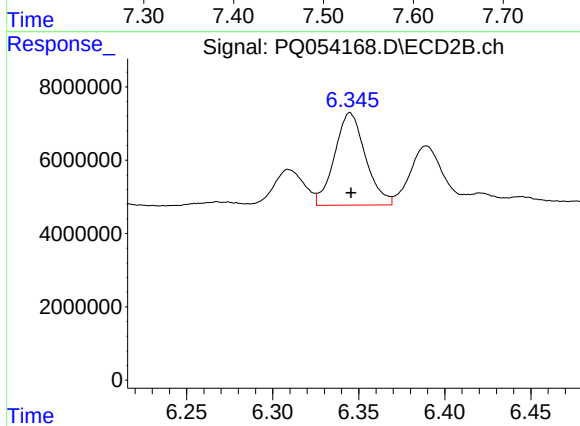
#19 AR-1242-4

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 17589108
Conc: 81.30 ng/ml



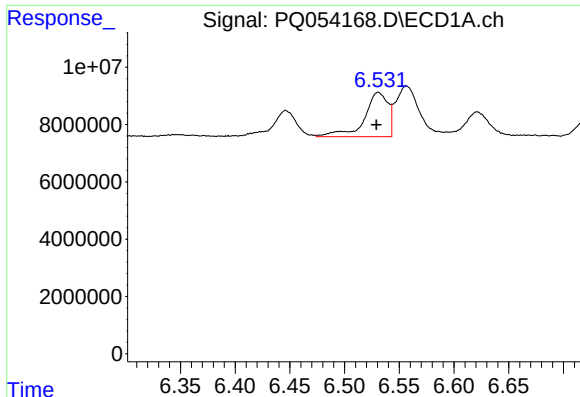
#20 AR-1242-5

R.T.: 7.511 min
Delta R.T.: 0.000 min
Response: 34324403
Conc: 93.24 ng/ml



#20 AR-1242-5

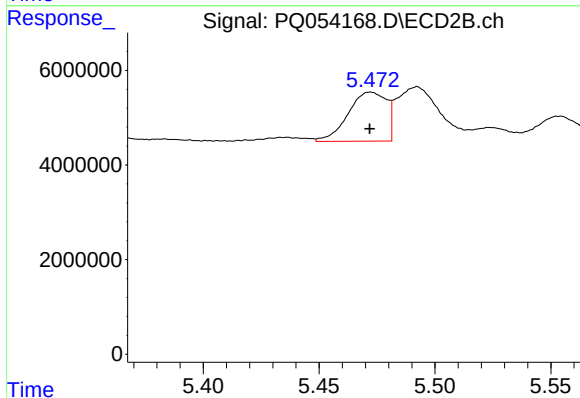
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 31535964
Conc: 106.31 ng/ml



#21 AR-1248-1

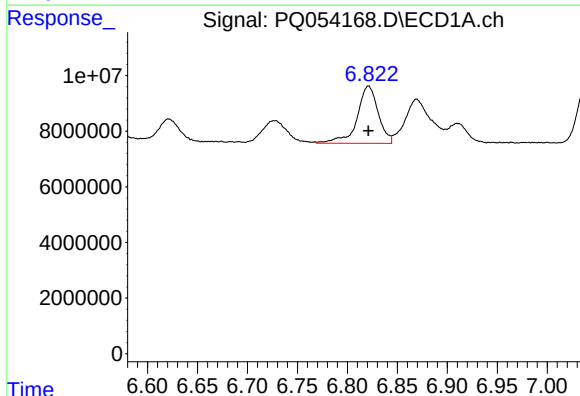
R.T.: 6.531 min
Delta R.T.: 0.002 min
Response: 23325377
Conc: 62.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



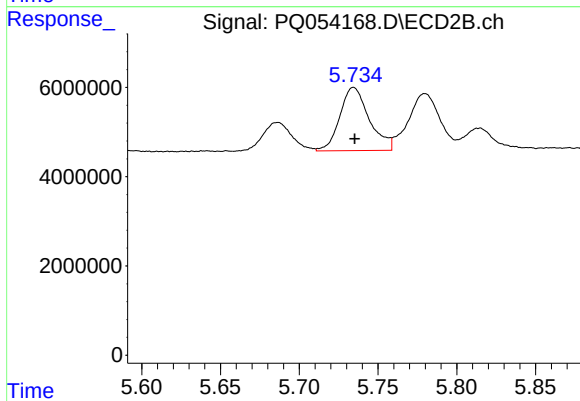
#21 AR-1248-1

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 11944943
Conc: 52.94 ng/ml



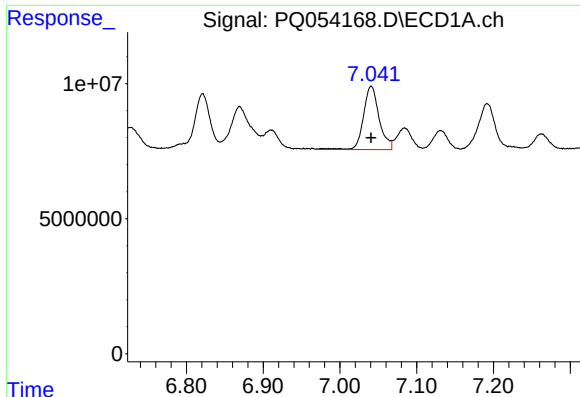
#22 AR-1248-2

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 30289825
Conc: 57.83 ng/ml



#22 AR-1248-2

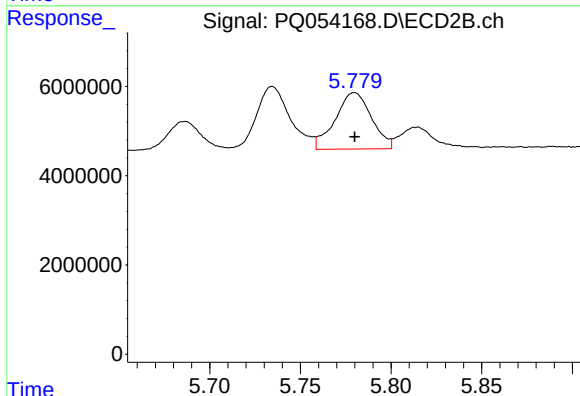
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 18430642
Conc: 56.16 ng/ml



#23 AR-1248-3

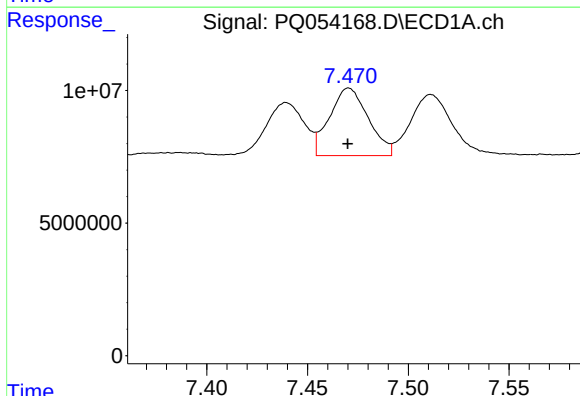
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 33465183
Conc: 56.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



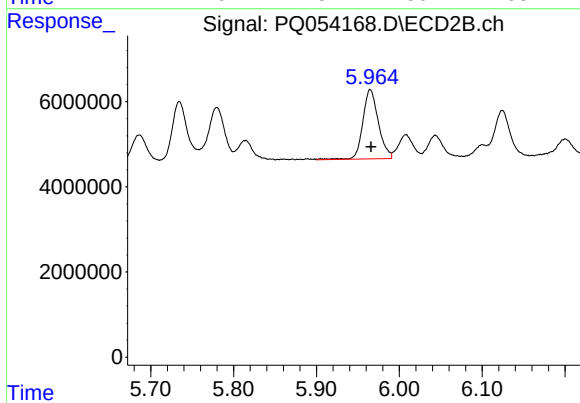
#23 AR-1248-3

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 17589108
Conc: 53.19 ng/ml



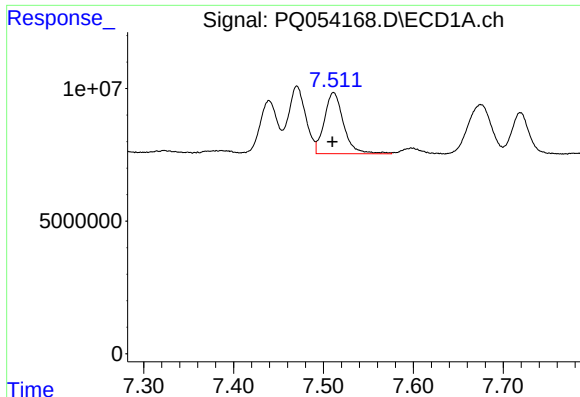
#24 AR-1248-4

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 34162362
Conc: 51.43 ng/ml



#24 AR-1248-4

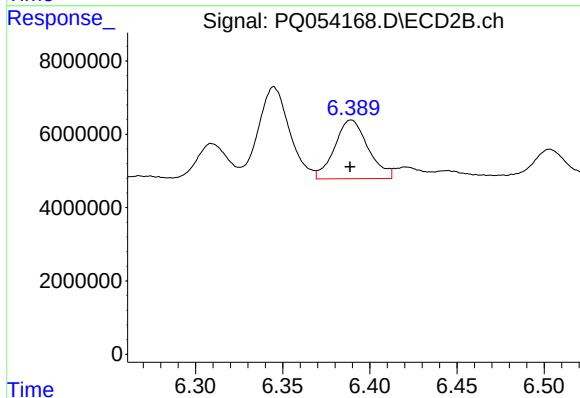
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 21208840
Conc: 53.44 ng/ml



#25 AR-1248-5

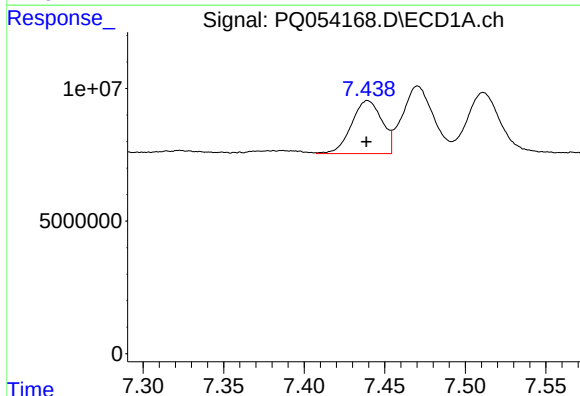
R.T.: 7.511 min
Delta R.T.: 0.001 min
Response: 34324403
Conc: 52.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



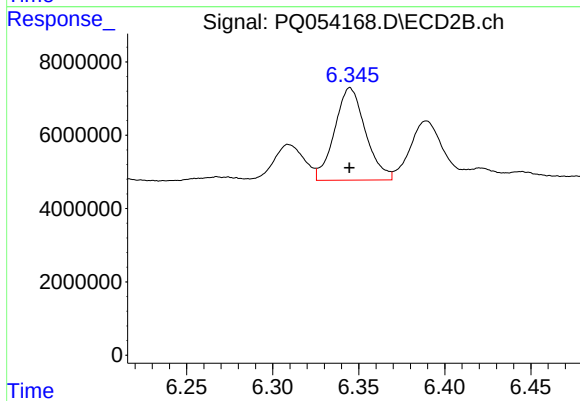
#25 AR-1248-5

R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 21413107
Conc: 53.73 ng/ml



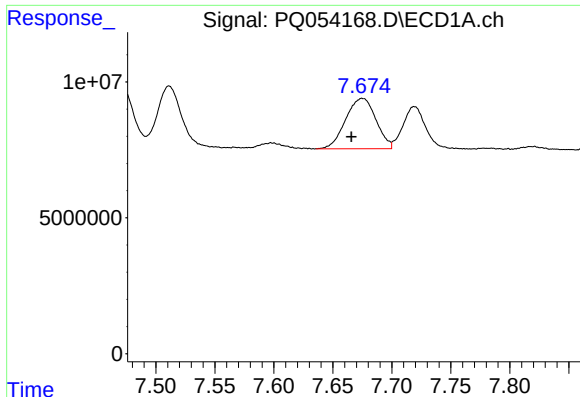
#26 AR-1254-1

R.T.: 7.439 min
Delta R.T.: 0.000 min
Response: 26362655
Conc: 37.30 ng/ml



#26 AR-1254-1

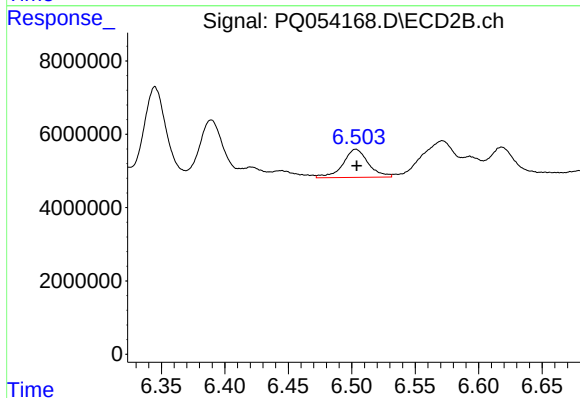
R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 31535964
Conc: 47.16 ng/ml



#27 AR-1254-2

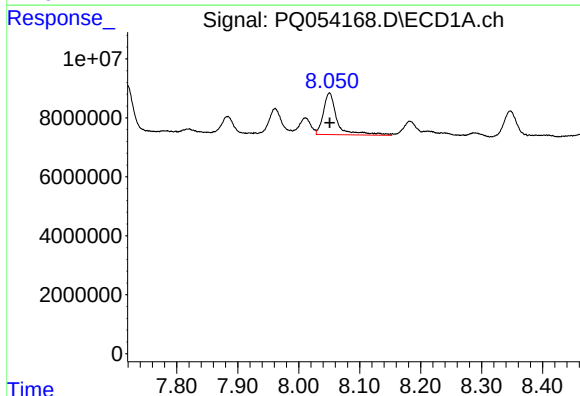
R.T.: 7.675 min
Delta R.T.: 0.009 min
Response: 33200136
Conc: 30.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



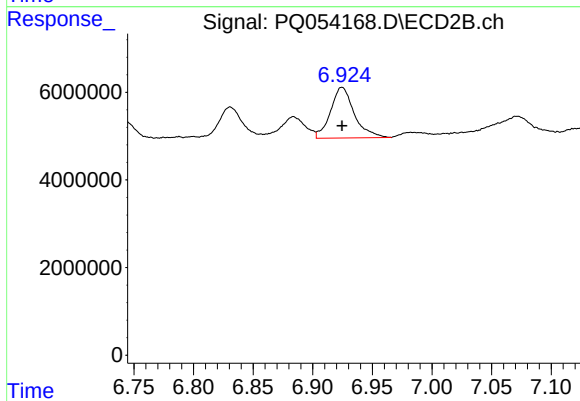
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: 0.000 min
Response: 10710762
Conc: 17.42 ng/ml



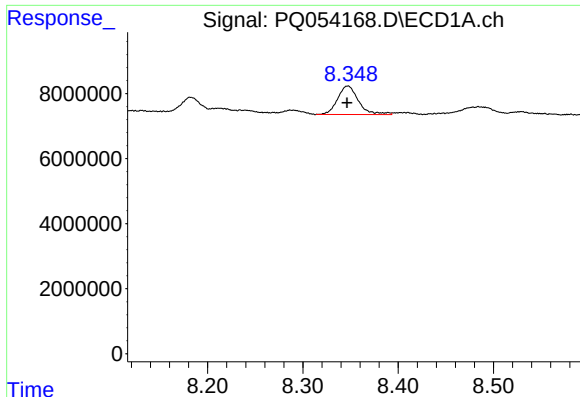
#28 AR-1254-3

R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 22216224
Conc: 18.89 ng/ml



#28 AR-1254-3

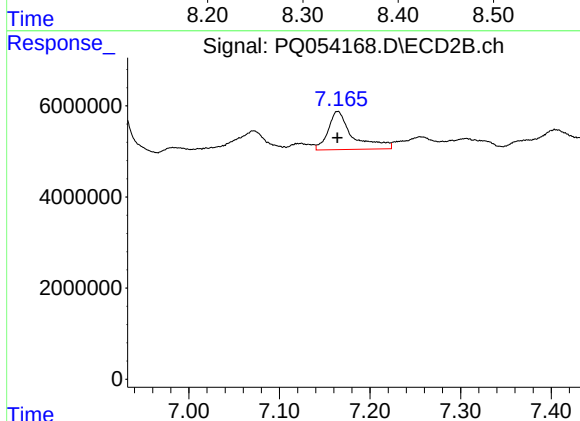
R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 16092652
Conc: 16.67 ng/ml



#29 AR-1254-4

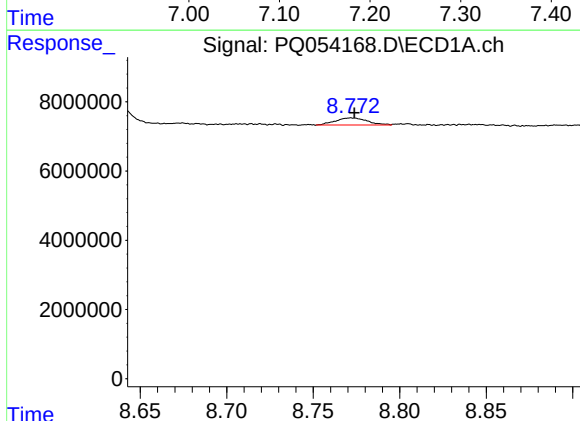
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 13362365
Conc: 15.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



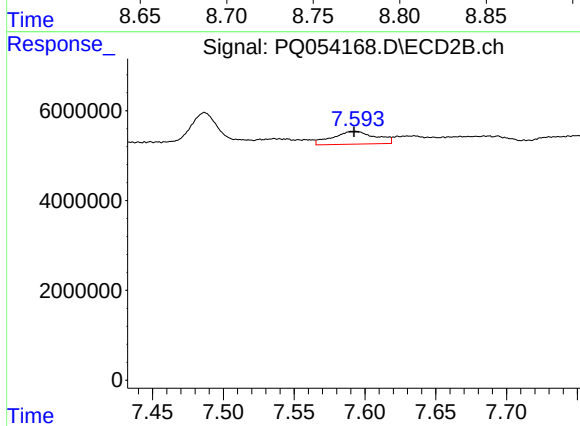
#29 AR-1254-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 15868028
Conc: 23.81 ng/ml



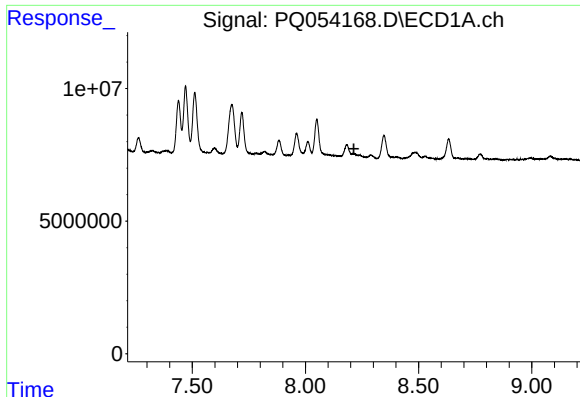
#30 AR-1254-5

R.T.: 8.772 min
Delta R.T.: -0.002 min
Response: 2621493
Conc: 2.69 ng/ml



#30 AR-1254-5

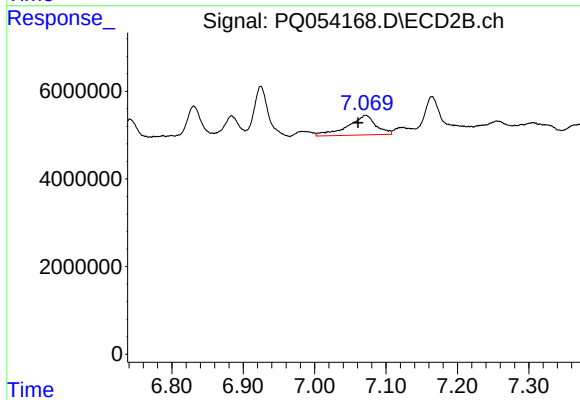
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 6031078
Conc: 6.18 ng/ml



#31 AR-1260-1

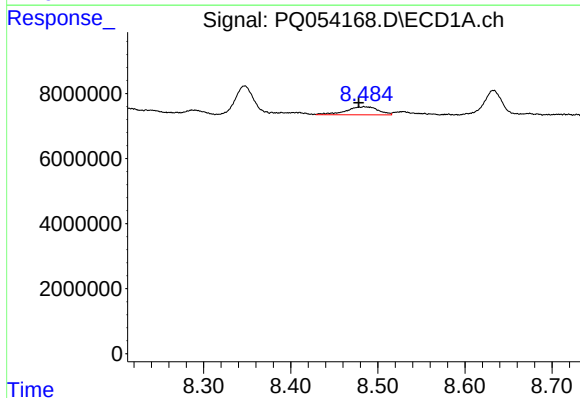
R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



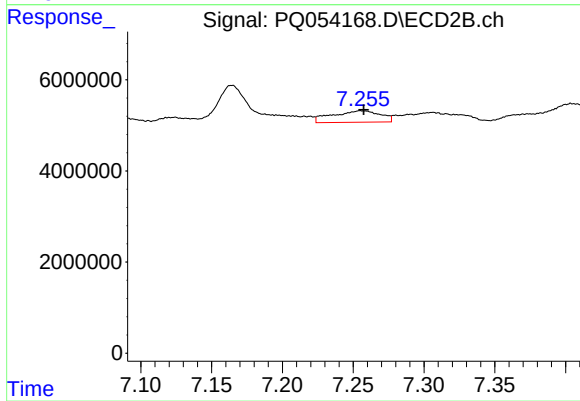
#31 AR-1260-1

R.T.: 7.071 min
Delta R.T.: 0.011 min
Response: 12250744
Conc: 16.34 ng/ml



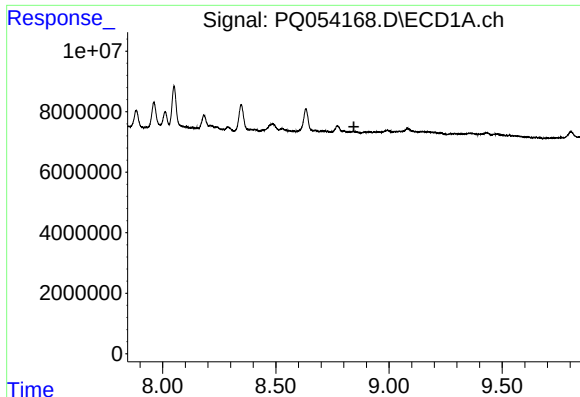
#32 AR-1260-2

R.T.: 8.484 min
Delta R.T.: 0.006 min
Response: 6277555
Conc: 5.53 ng/ml



#32 AR-1260-2

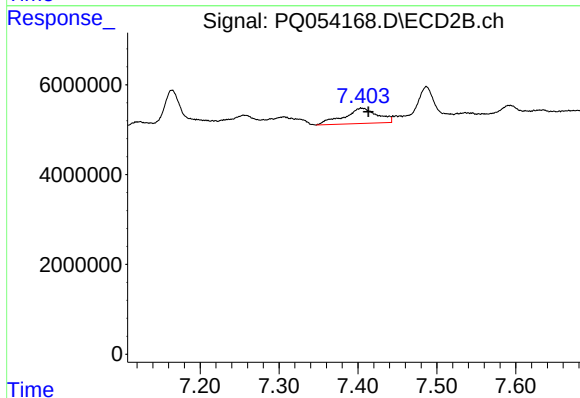
R.T.: 7.255 min
Delta R.T.: -0.002 min
Response: 5943359
Conc: 5.69 ng/ml



#33 AR-1260-3

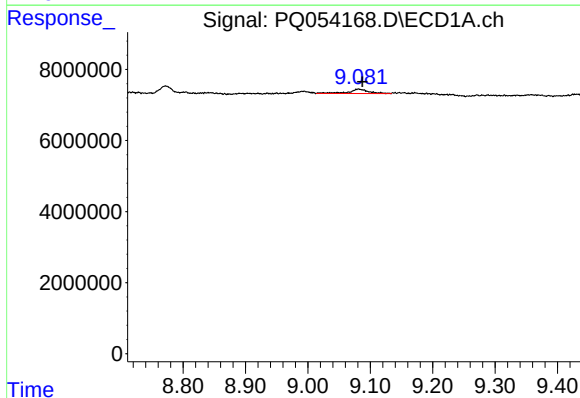
R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



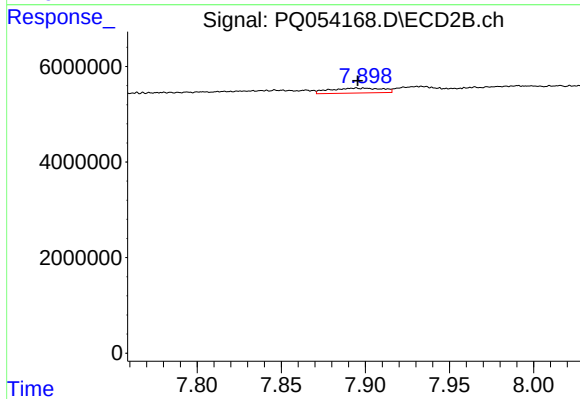
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.009 min
Response: 10040468
Conc: 11.54 ng/ml



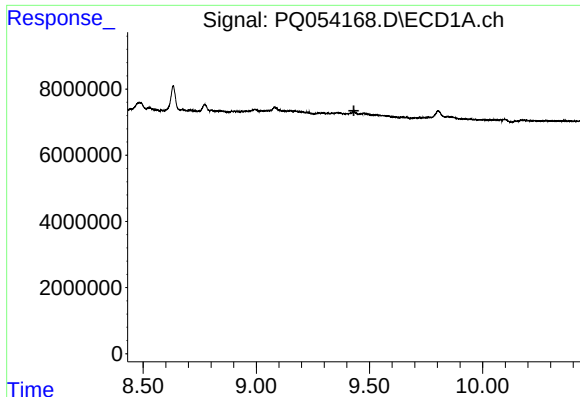
#34 AR-1260-4

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 2739978
Conc: 3.10 ng/ml



#34 AR-1260-4

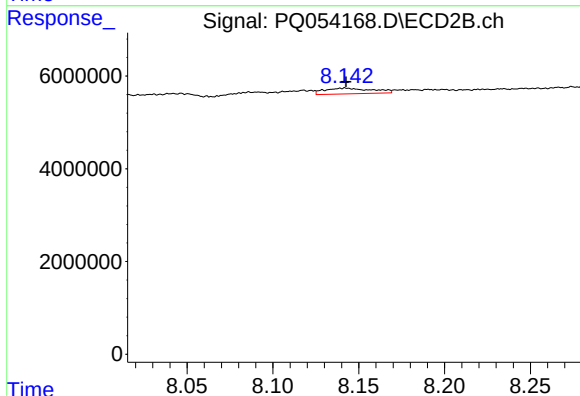
R.T.: 7.900 min
Delta R.T.: 0.004 min
Response: 2256191
Conc: 3.62 ng/ml



#35 AR-1260-5

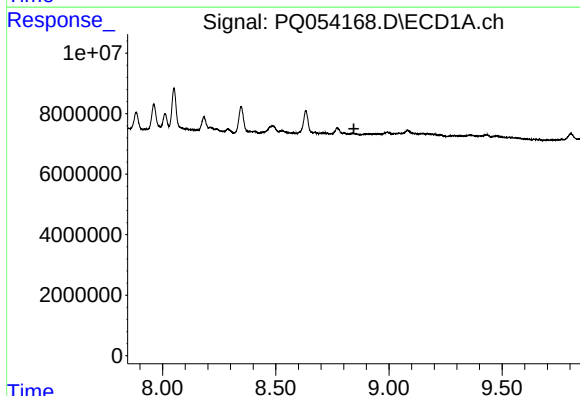
R.T.: 0.000 min
Exp R.T.: 9.431 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



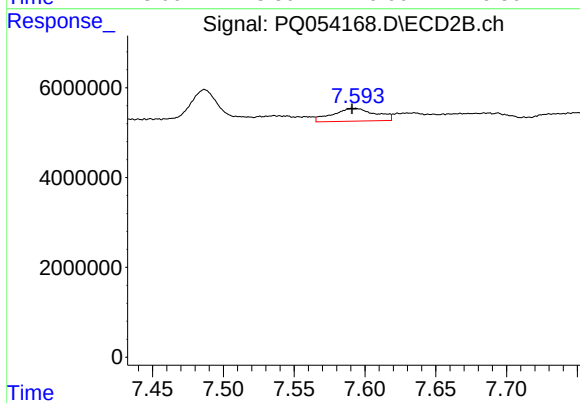
#35 AR-1260-5

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 2394214
Conc: 1.40 ng/ml



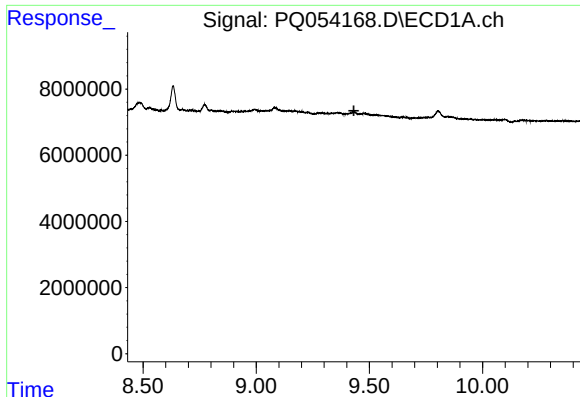
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.845 min
Response: 0
Conc: N.D.



#36 AR-1262-1

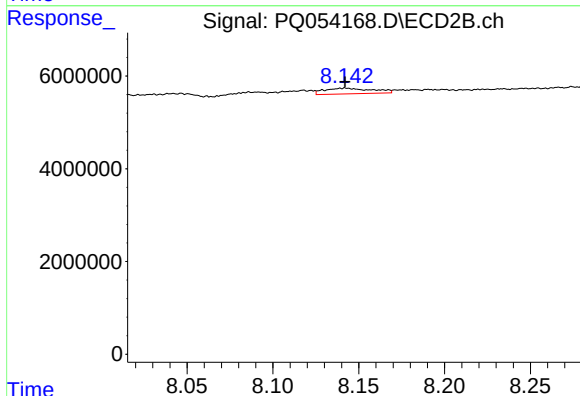
R.T.: 7.592 min
Delta R.T.: 0.001 min
Response: 6031078
Conc: 13.35 ng/ml



#37 AR-1262-2

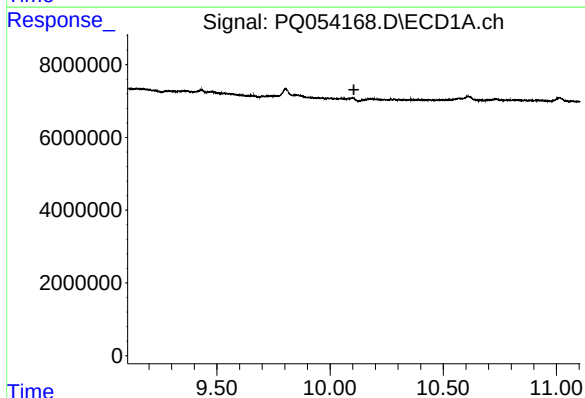
R.T.: 0.000 min
Exp R.T.: 9.432 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



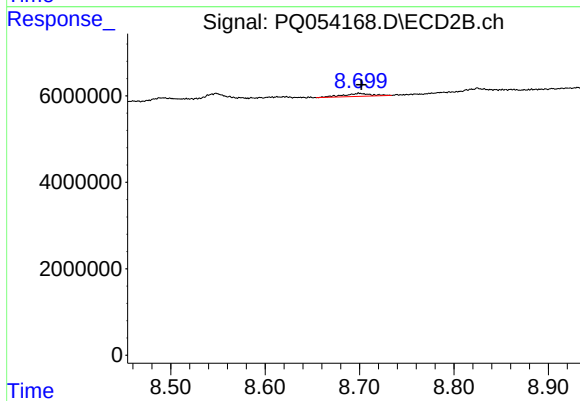
#37 AR-1262-2

R.T.: 8.142 min
Delta R.T.: 0.000 min
Response: 2394214
Conc: 1.27 ng/ml



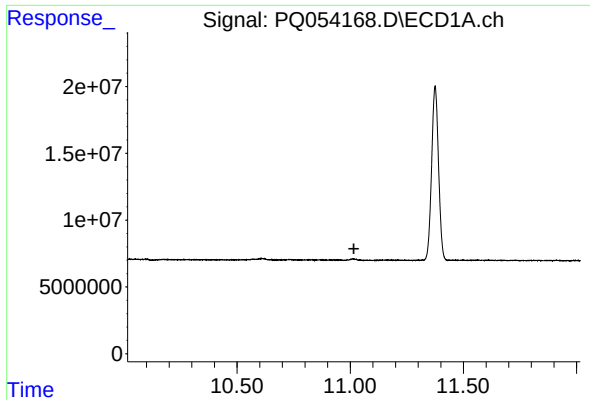
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.



#43 AR-1268-3

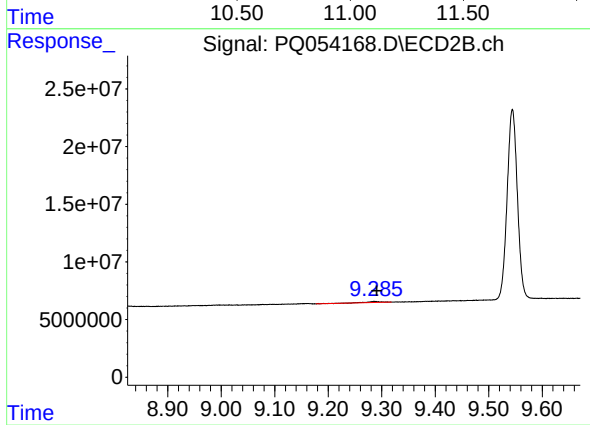
R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 1418990
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOQ-WATER-02-QT3-2021



#45 AR-1268-5

R.T.: 9.287 min
Delta R.T.: -0.003 min
Response: 1918380
Conc: 0.41 ng/ml