

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040819\
 Data File : P0055041.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 08 Apr 2019 14:57
 Operator : SM/SJ
 Sample : K1560-08
 Misc : AR1254 LOQ 100PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-WATER-02-QT1-2019

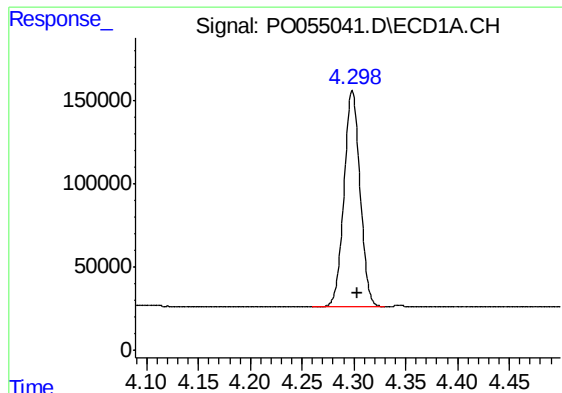
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 06:55:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 2019
 Response via : Initial Calibration
 Integrator: ChemStation 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...	4.299	3.611	1395671	1319471	40.215	41.347
2)	SA Decachlor...	9.917	8.581	1488731	1050735	30.199	32.992
Target Compounds							
3)	L1 AR-1016-1	5.460	4.687	2871	2845	1.595	1.799
4)	L1 AR-1016-2	5.460	4.687	2871	2845	1.156	1.328
5)	L1 AR-1016-3	0.000	4.922	0	178359	N.D.	147.620 #
6)	L1 AR-1016-4	0.000	4.922	0	178359	N.D.	176.499 #
7)	L1 AR-1016-5	5.935	5.134	123676	91266	92.693	70.021
9)	L2 AR-1221-2	4.600	3.909	22407	21900	66.074	73.051
12)	L3 AR-1232-2	0.000	4.687	0	2845	N.D.	3.304 #
13)	L3 AR-1232-3	5.460	4.922	2871	178359	2.937	368.080 #
14)	L3 AR-1232-4	0.000	4.963	0	54847	N.D.	124.823 #
15)	L3 AR-1232-5	5.732	5.134	207327	91266	498.385	187.651 #
16)	L4 AR-1242-1	5.460	4.687	2871	2845	2.066	2.318
17)	L4 AR-1242-2	5.460	4.687	2871	2845	1.500	1.717
18)	L4 AR-1242-3	0.000	4.922	0	178359	N.D.	188.275 #
19)	L4 AR-1242-4	0.000	4.963	0	54847	N.D.	57.386 #
20)	L4 AR-1242-5	6.377	5.485	117872	437865	97.644	356.019 #
21)	L5 AR-1248-1	5.460	4.687	2871	2845	2.872	3.242
22)	L5 AR-1248-2	5.732	4.922	207327	178359	142.757	147.581
23)	L5 AR-1248-3	5.935	4.963	123676	54847	77.435	43.955 #
24)	L5 AR-1248-4	6.336	5.134	187185	91266	99.644	59.926 #
25)	L5 AR-1248-5	6.377	5.524	117872	67518	65.748	45.287 #
26)	L6 AR-1254-1	6.310	5.485	388890	437865	214.479	200.353
27)	L6 AR-1254-2	6.527	5.630	564003	375710	197.567	193.769
28)	L6 AR-1254-3	6.893	6.033	588901	590240	187.267	184.122
29)	L6 AR-1254-4	7.177	6.288	430371	75398	175.922	38.509 #
30)	L6 AR-1254-5	7.595	6.675	450149	483335	167.947	168.134
31)	L7 AR-1260-1	7.056	6.162	245232	290566	97.599	126.439 #
32)	L7 AR-1260-2	7.311	6.347	268318	242716	86.456	88.172
33)	L7 AR-1260-3	7.654	6.501	59492	231318	24.239	89.731 #
34)	L7 AR-1260-4	7.883	6.971	173520	23367	62.733	10.980 #
35)	L7 AR-1260-5	8.203	7.243	57539	14278	10.370	2.981 #
36)	L8 AR-1262-1	7.654	6.744	59492	54581	17.854	18.347
37)	L8 AR-1262-2	8.203	7.243	57539	14278	9.712	2.913 #
38)	L8 AR-1262-3	8.517	7.555	47235	50806	11.402	24.742 #
39)	L8 AR-1262-4	8.559	7.555	12617	50806	3.916	14.026 #
41)	L9 AR-1268-1	8.517	7.555	47235	50806	6.636	8.986 #
42)	L9 AR-1268-2	8.559	7.555	12617	50806	1.926	9.824 #

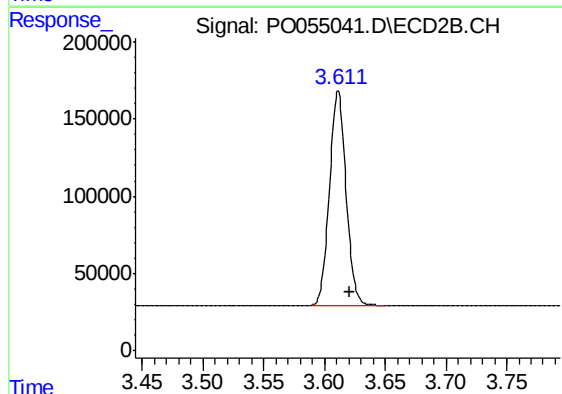
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

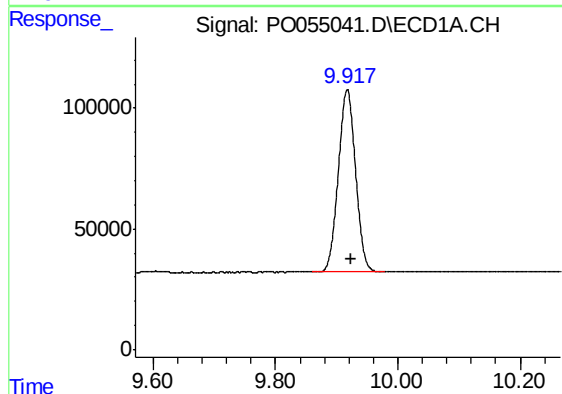
R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 1395671
Conc: 40.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



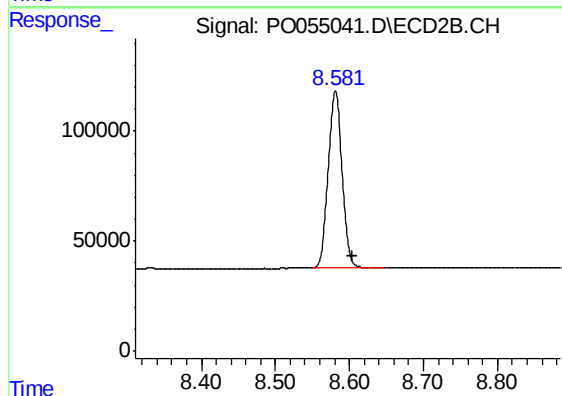
#1 Tetrachloro-m-xylene

R.T.: 3.611 min
Delta R.T.: -0.010 min
Response: 1319471
Conc: 41.35 ng/ml



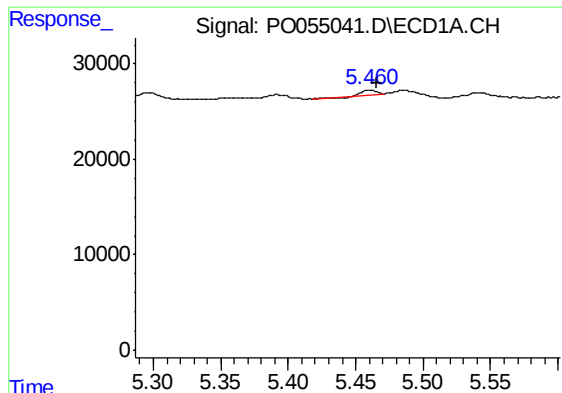
#2 Decachlorobiphenyl

R.T.: 9.917 min
Delta R.T.: -0.006 min
Response: 1488731
Conc: 30.20 ng/ml



#2 Decachlorobiphenyl

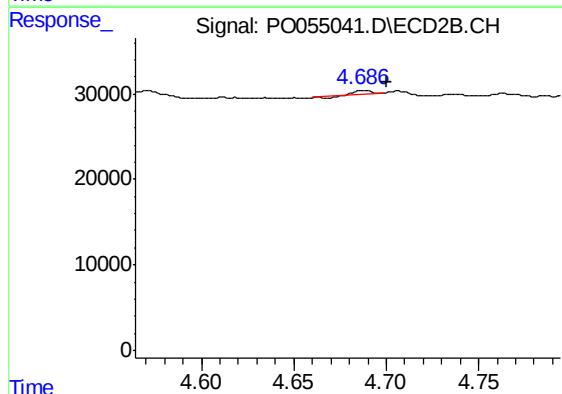
R.T.: 8.581 min
Delta R.T.: -0.023 min
Response: 1050735
Conc: 32.99 ng/ml



#3 AR-1016-1

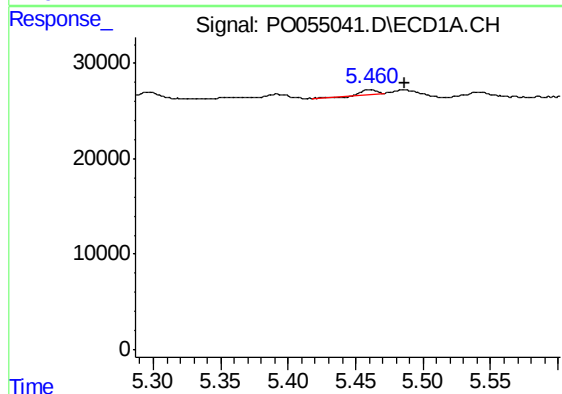
R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 2871
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



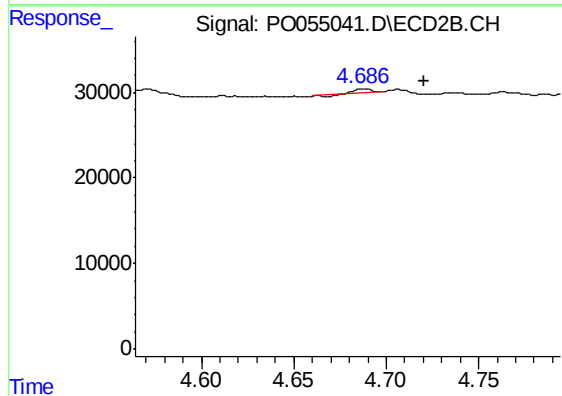
#3 AR-1016-1

R.T.: 4.687 min
Delta R.T.: -0.014 min
Response: 2845
Conc: 1.80 ng/ml



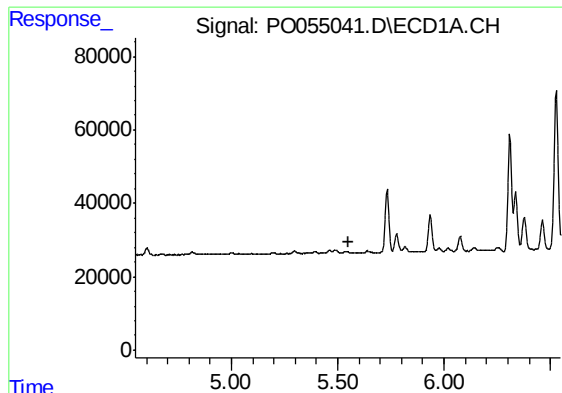
#4 AR-1016-2

R.T.: 5.460 min
Delta R.T.: -0.027 min
Response: 2871
Conc: 1.16 ng/ml



#4 AR-1016-2

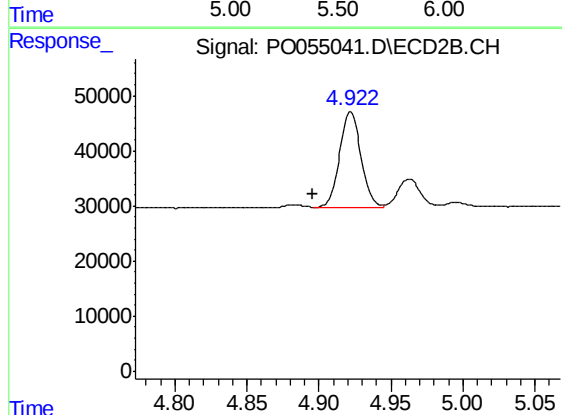
R.T.: 4.687 min
Delta R.T.: -0.034 min
Response: 2845
Conc: 1.33 ng/ml



#5 AR-1016-3

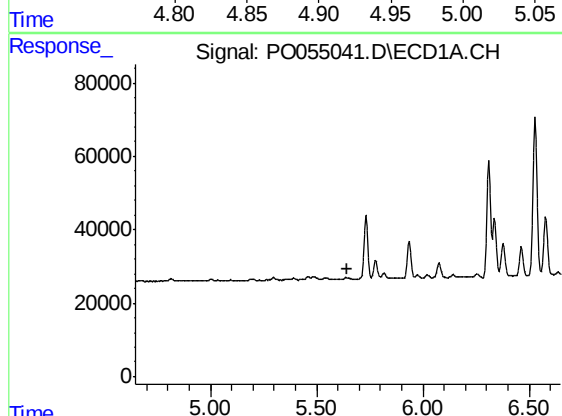
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



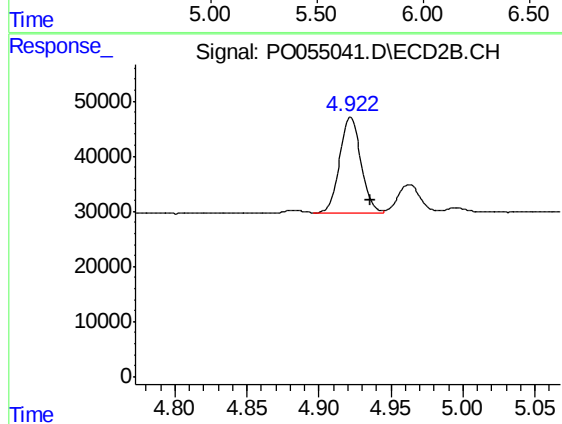
#5 AR-1016-3

R.T.: 4.922 min
Delta R.T.: 0.026 min
Response: 178359
Conc: 147.62 ng/ml



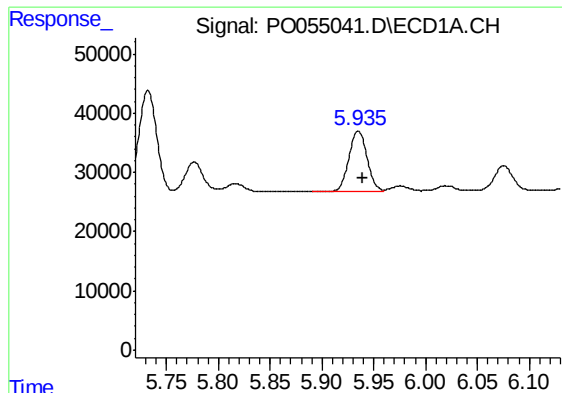
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.



#6 AR-1016-4

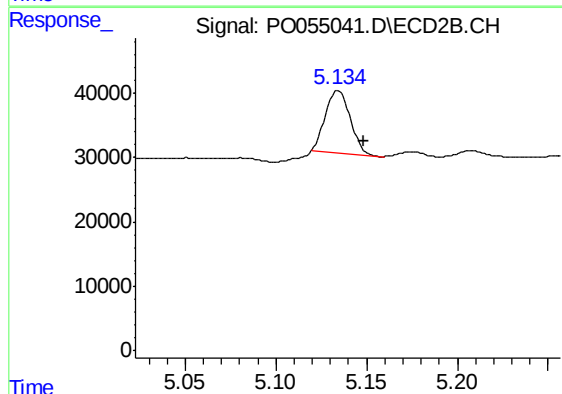
R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 178359
Conc: 176.50 ng/ml



#7 AR-1016-5

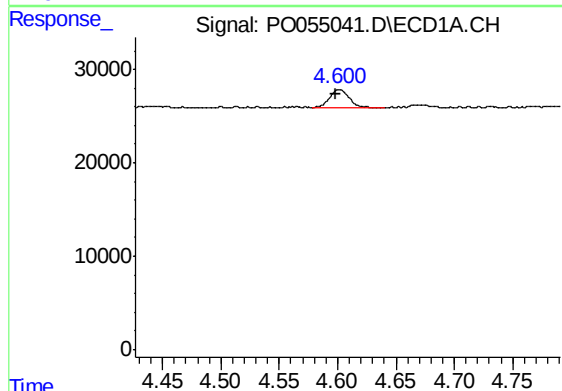
R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: 123676
Conc: 92.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



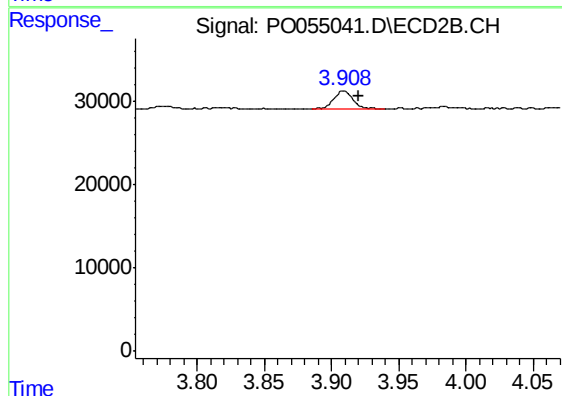
#7 AR-1016-5

R.T.: 5.134 min
Delta R.T.: -0.014 min
Response: 91266
Conc: 70.02 ng/ml



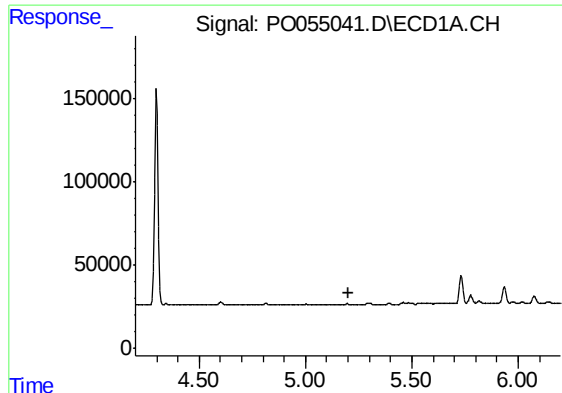
#9 AR-1221-2

R.T.: 4.600 min
Delta R.T.: 0.003 min
Response: 22407
Conc: 66.07 ng/ml



#9 AR-1221-2

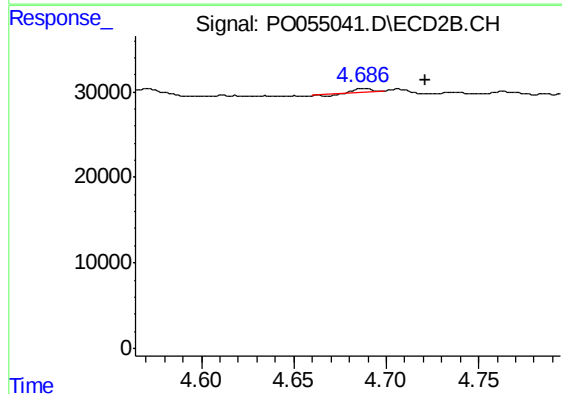
R.T.: 3.909 min
Delta R.T.: -0.011 min
Response: 21900
Conc: 73.05 ng/ml



#12 AR-1232-2

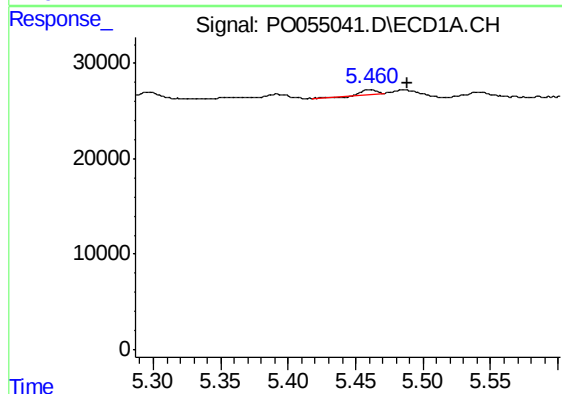
R.T.: 0.000 min
Exp R.T.: 5.200 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



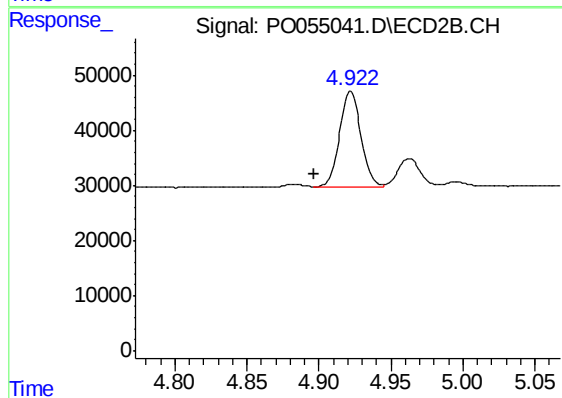
#12 AR-1232-2

R.T.: 4.687 min
Delta R.T.: -0.034 min
Response: 2845
Conc: 3.30 ng/ml



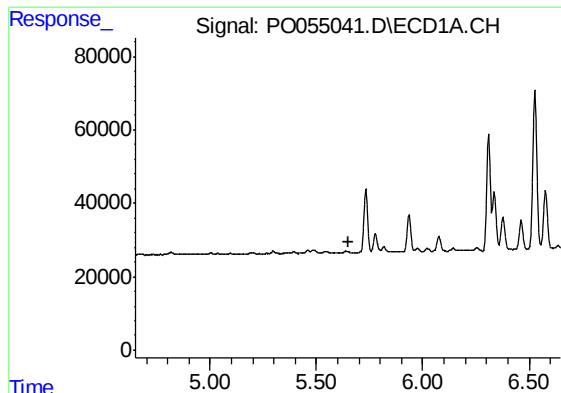
#13 AR-1232-3

R.T.: 5.460 min
Delta R.T.: -0.029 min
Response: 2871
Conc: 2.94 ng/ml



#13 AR-1232-3

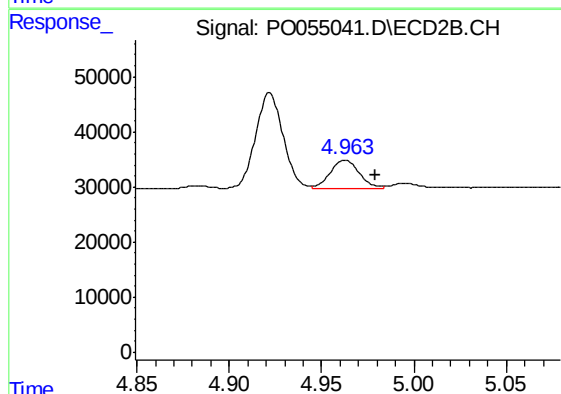
R.T.: 4.922 min
Delta R.T.: 0.025 min
Response: 178359
Conc: 368.08 ng/ml



#14 AR-1232-4

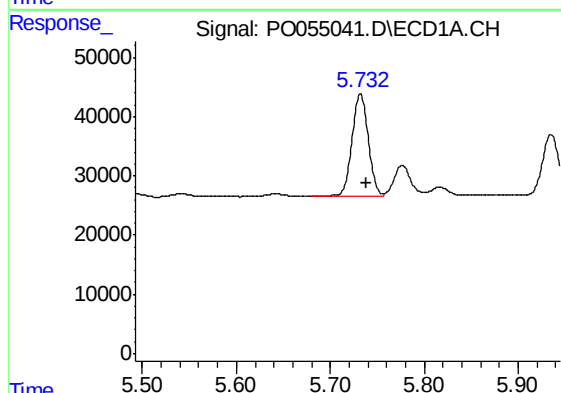
R.T.: 0.000 min
Exp R.T.: 5.648 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



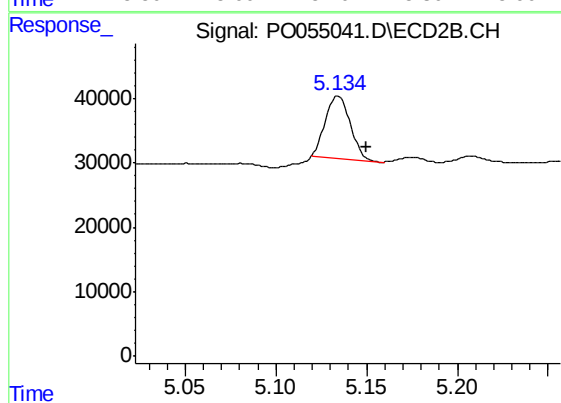
#14 AR-1232-4

R.T.: 4.963 min
Delta R.T.: -0.016 min
Response: 54847
Conc: 124.82 ng/ml



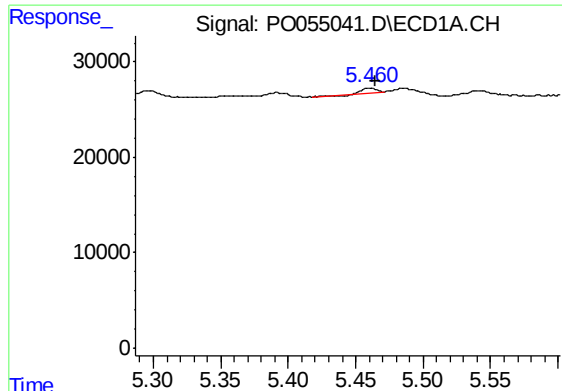
#15 AR-1232-5

R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 207327
Conc: 498.39 ng/ml



#15 AR-1232-5

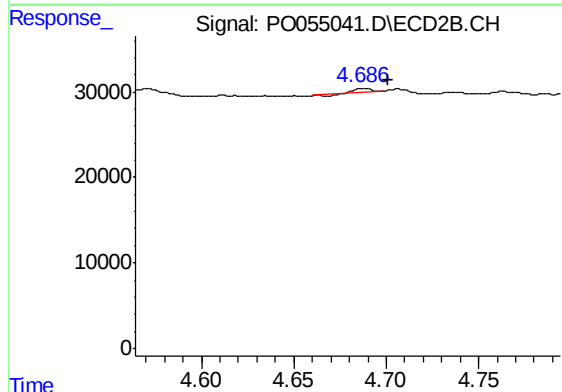
R.T.: 5.134 min
Delta R.T.: -0.016 min
Response: 91266
Conc: 187.65 ng/ml



#16 AR-1242-1

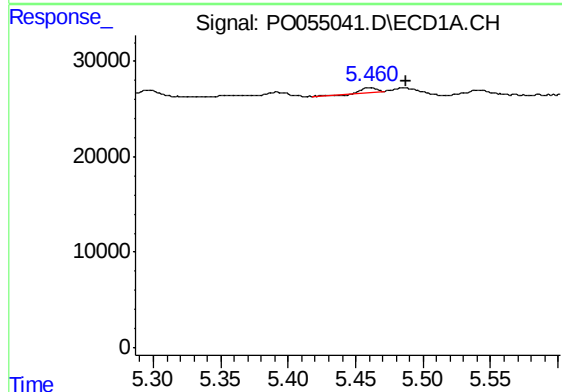
R.T.: 5.460 min
Delta R.T.: -0.005 min
Response: 2871
Conc: 2.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



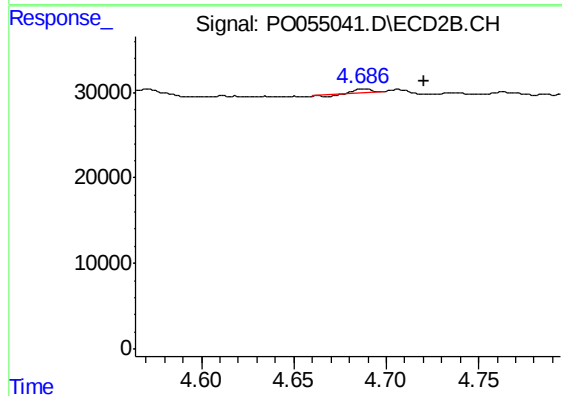
#16 AR-1242-1

R.T.: 4.687 min
Delta R.T.: -0.014 min
Response: 2845
Conc: 2.32 ng/ml



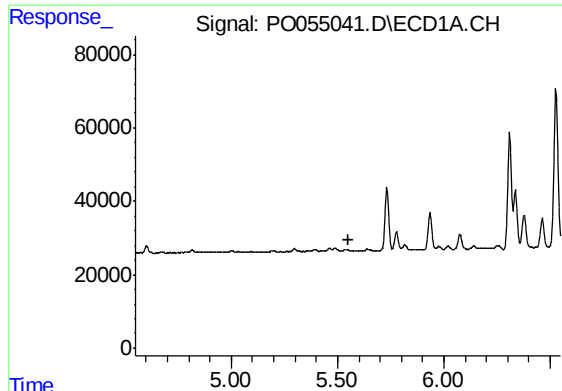
#17 AR-1242-2

R.T.: 5.460 min
Delta R.T.: -0.027 min
Response: 2871
Conc: 1.50 ng/ml



#17 AR-1242-2

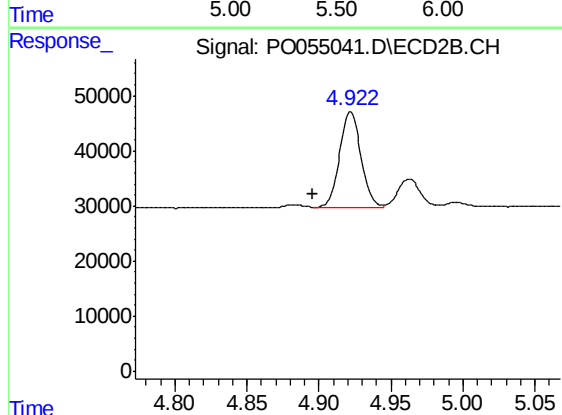
R.T.: 4.687 min
Delta R.T.: -0.033 min
Response: 2845
Conc: 1.72 ng/ml



#18 AR-1242-3

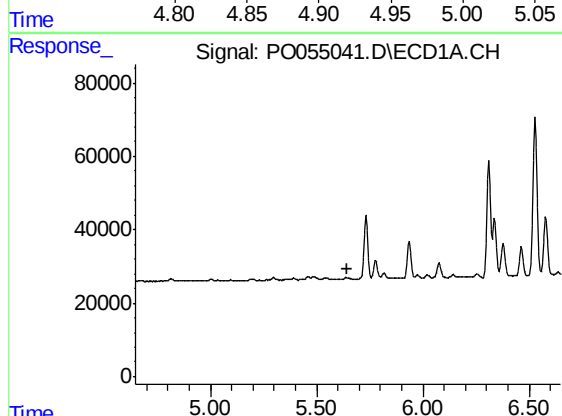
R.T.: 0.000 min
Exp R.T.: 5.549 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



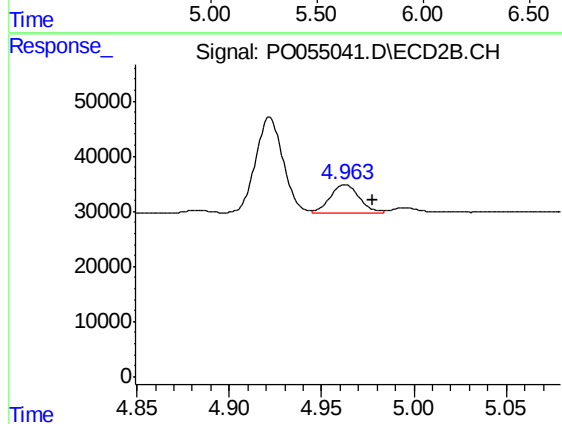
#18 AR-1242-3

R.T.: 4.922 min
Delta R.T.: 0.026 min
Response: 178359
Conc: 188.28 ng/ml



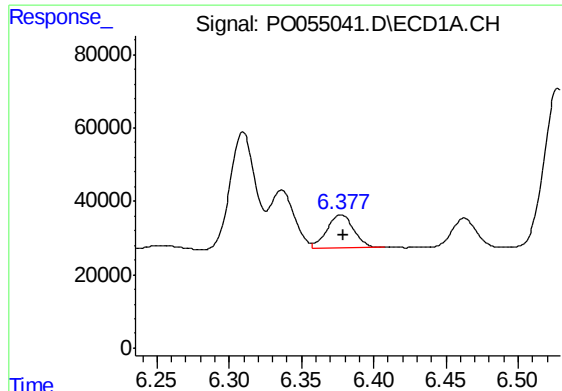
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.



#19 AR-1242-4

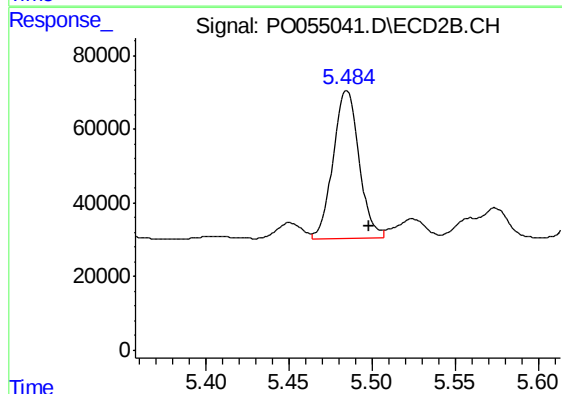
R.T.: 4.963 min
Delta R.T.: -0.015 min
Response: 54847
Conc: 57.39 ng/ml



#20 AR-1242-5

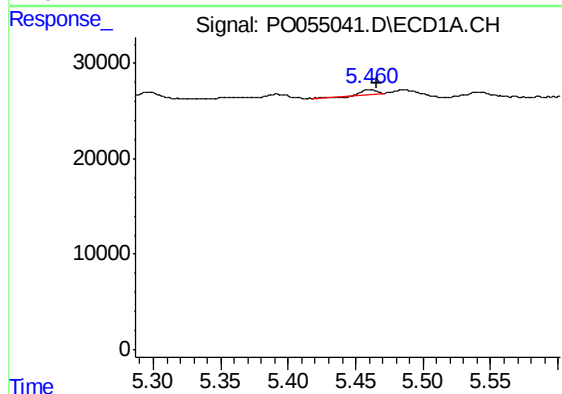
R.T.: 6.377 min
Delta R.T.: -0.002 min
Response: 117872
Conc: 97.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



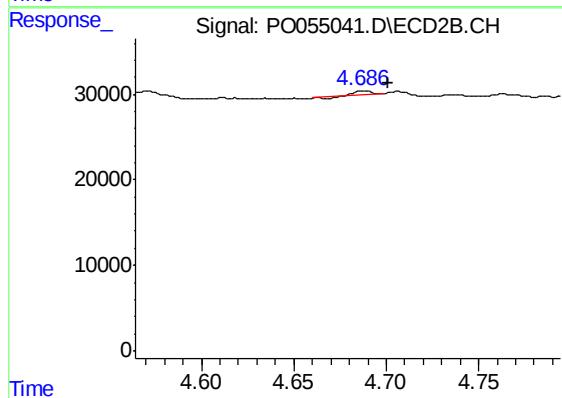
#20 AR-1242-5

R.T.: 5.485 min
Delta R.T.: -0.013 min
Response: 437865
Conc: 356.02 ng/ml



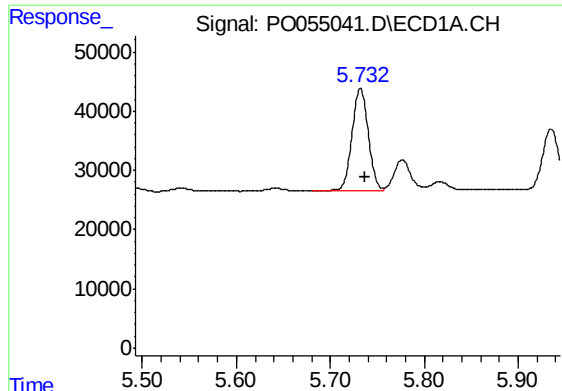
#21 AR-1248-1

R.T.: 5.460 min
Delta R.T.: -0.006 min
Response: 2871
Conc: 2.87 ng/ml



#21 AR-1248-1

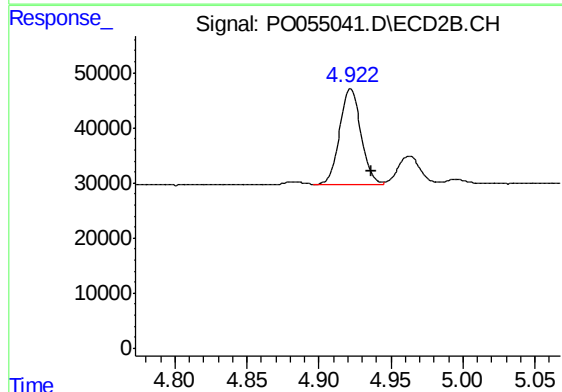
R.T.: 4.687 min
Delta R.T.: -0.014 min
Response: 2845
Conc: 3.24 ng/ml



#22 AR-1248-2

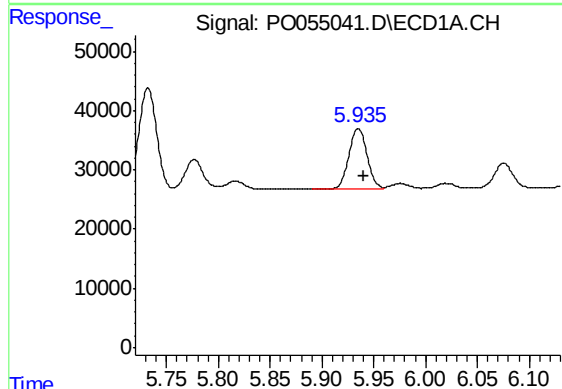
R.T.: 5.732 min
Delta R.T.: -0.006 min
Response: 207327
Conc: 142.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



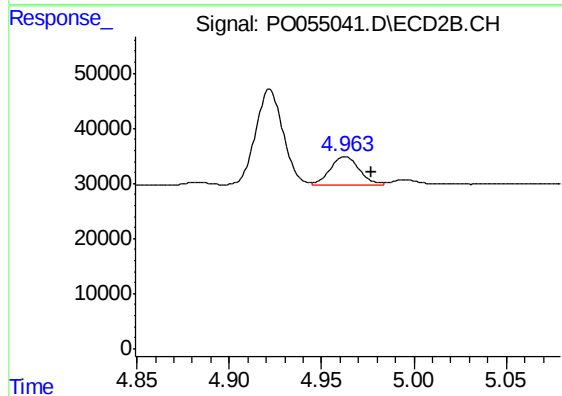
#22 AR-1248-2

R.T.: 4.922 min
Delta R.T.: -0.014 min
Response: 178359
Conc: 147.58 ng/ml



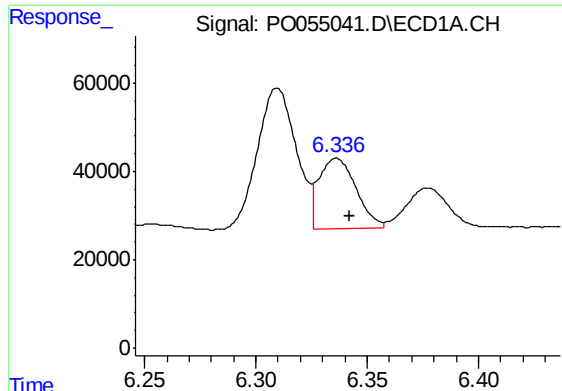
#23 AR-1248-3

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 123676
Conc: 77.44 ng/ml



#23 AR-1248-3

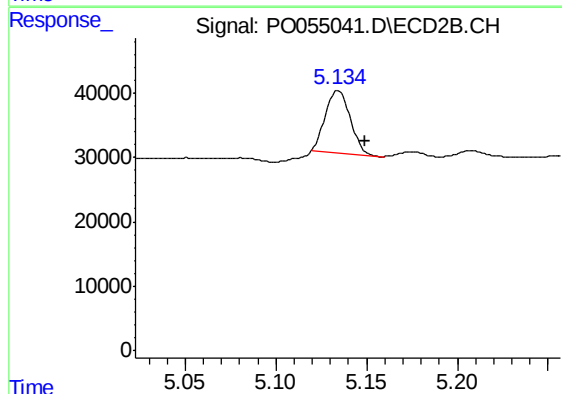
R.T.: 4.963 min
Delta R.T.: -0.014 min
Response: 54847
Conc: 43.96 ng/ml



#24 AR-1248-4

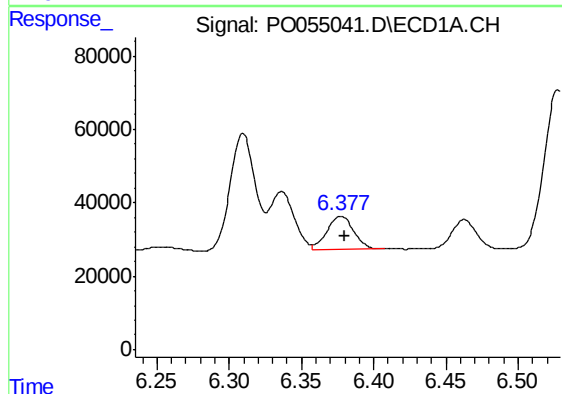
R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 187185
Conc: 99.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



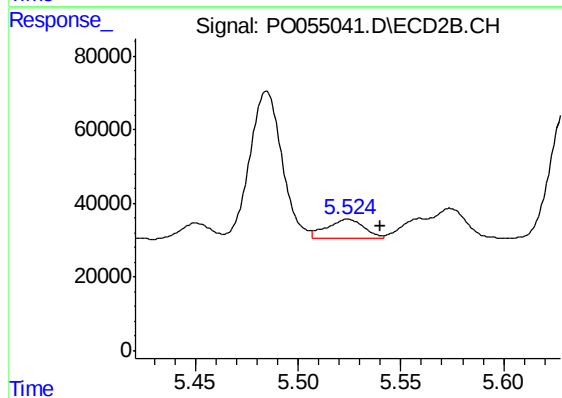
#24 AR-1248-4

R.T.: 5.134 min
Delta R.T.: -0.015 min
Response: 91266
Conc: 59.93 ng/ml



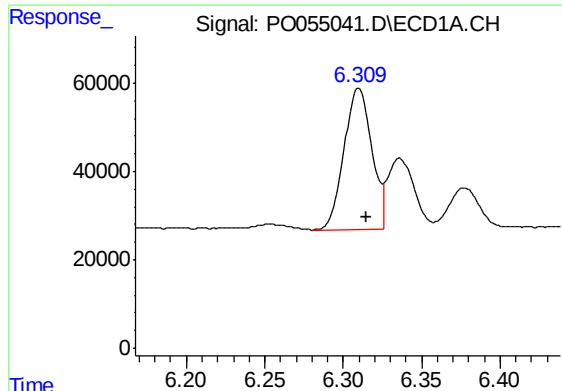
#25 AR-1248-5

R.T.: 6.377 min
Delta R.T.: -0.003 min
Response: 117872
Conc: 65.75 ng/ml



#25 AR-1248-5

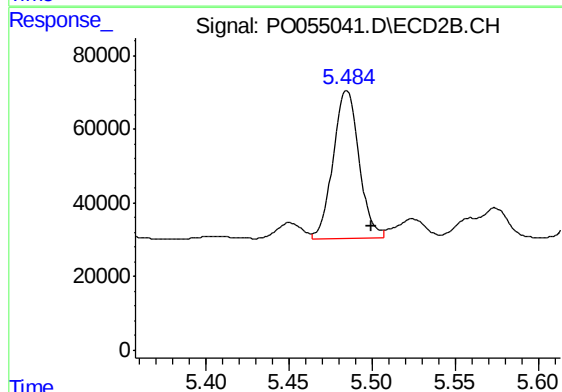
R.T.: 5.524 min
Delta R.T.: -0.016 min
Response: 67518
Conc: 45.29 ng/ml



#26 AR-1254-1

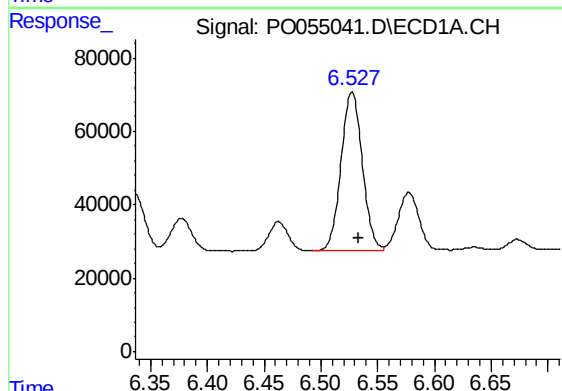
R.T.: 6.310 min
Delta R.T.: -0.005 min
Response: 388890
Conc: 214.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



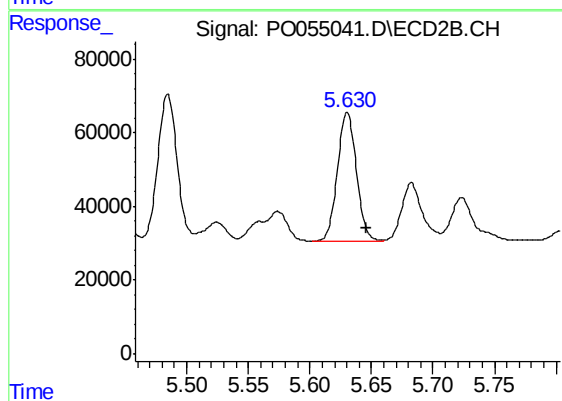
#26 AR-1254-1

R.T.: 5.485 min
Delta R.T.: -0.015 min
Response: 437865
Conc: 200.35 ng/ml



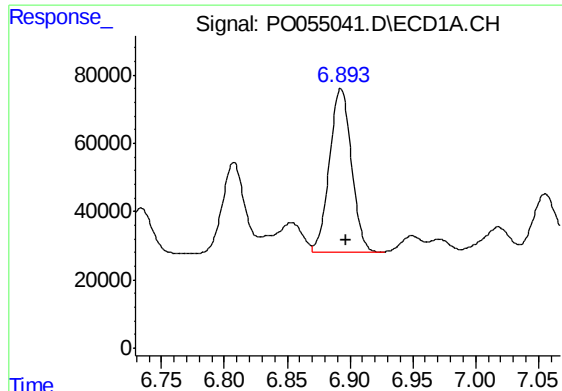
#27 AR-1254-2

R.T.: 6.527 min
Delta R.T.: -0.006 min
Response: 564003
Conc: 197.57 ng/ml



#27 AR-1254-2

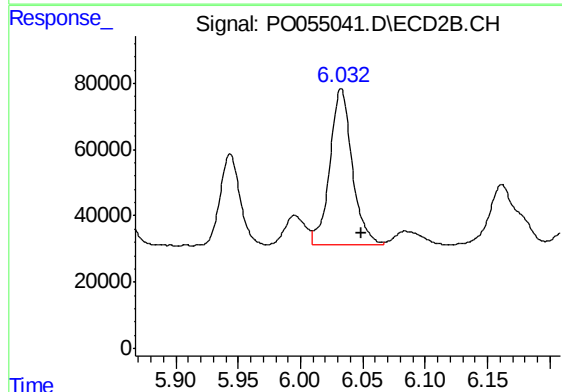
R.T.: 5.630 min
Delta R.T.: -0.015 min
Response: 375710
Conc: 193.77 ng/ml



#28 AR-1254-3

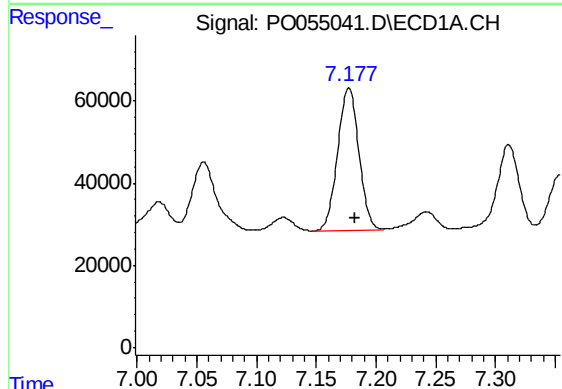
R.T.: 6.893 min
Delta R.T.: -0.004 min
Response: 588901
Conc: 187.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



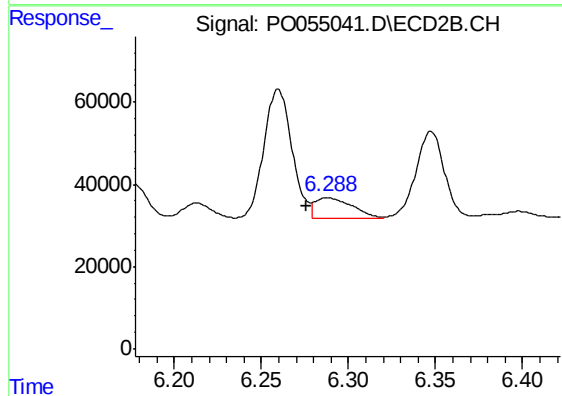
#28 AR-1254-3

R.T.: 6.033 min
Delta R.T.: -0.016 min
Response: 590240
Conc: 184.12 ng/ml



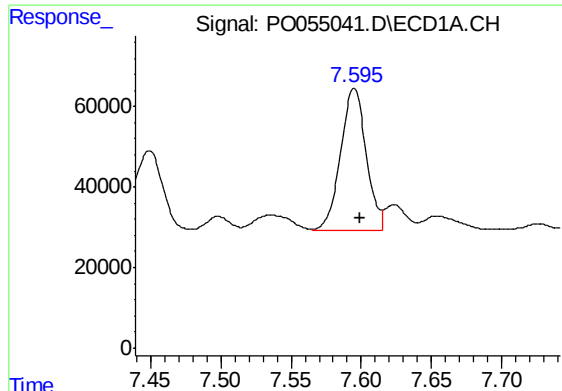
#29 AR-1254-4

R.T.: 7.177 min
Delta R.T.: -0.005 min
Response: 430371
Conc: 175.92 ng/ml



#29 AR-1254-4

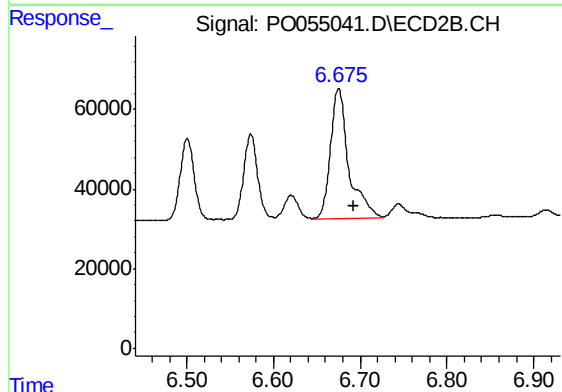
R.T.: 6.288 min
Delta R.T.: 0.013 min
Response: 75398
Conc: 38.51 ng/ml



#30 AR-1254-5

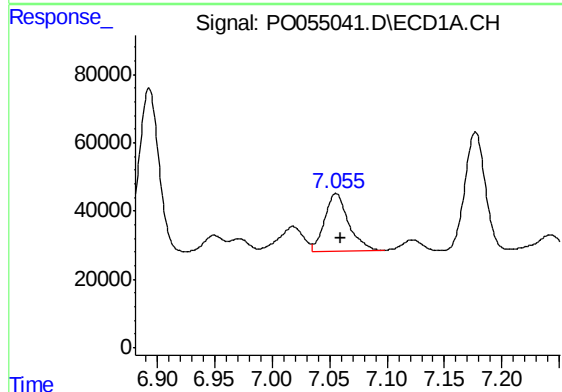
R.T.: 7.595 min
Delta R.T.: -0.004 min
Response: 450149
Conc: 167.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



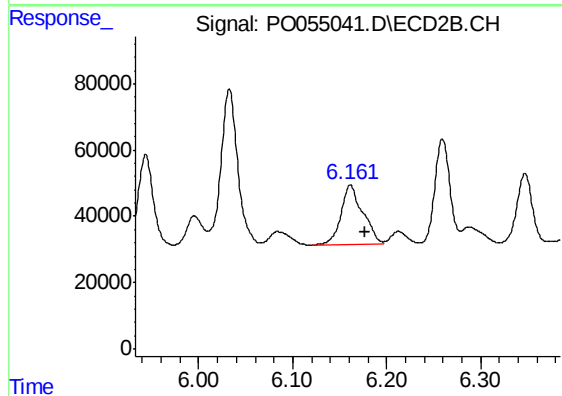
#30 AR-1254-5

R.T.: 6.675 min
Delta R.T.: -0.017 min
Response: 483335
Conc: 168.13 ng/ml



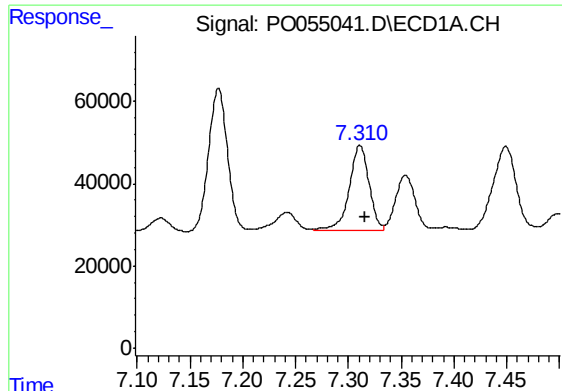
#31 AR-1260-1

R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 245232
Conc: 97.60 ng/ml



#31 AR-1260-1

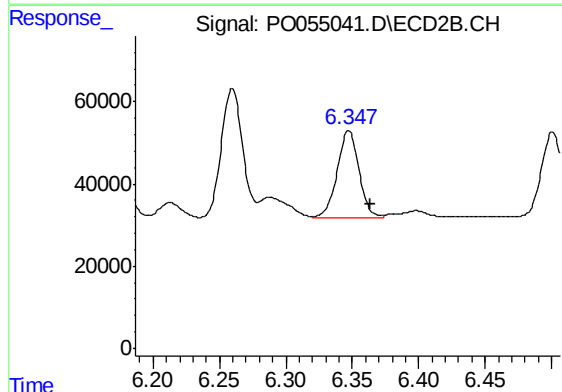
R.T.: 6.162 min
Delta R.T.: -0.016 min
Response: 290566
Conc: 126.44 ng/ml



#32 AR-1260-2

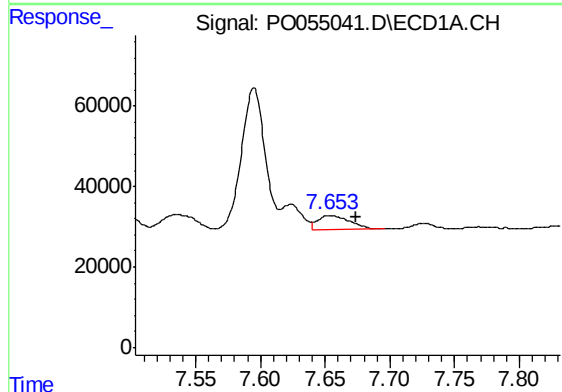
R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 268318
Conc: 86.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



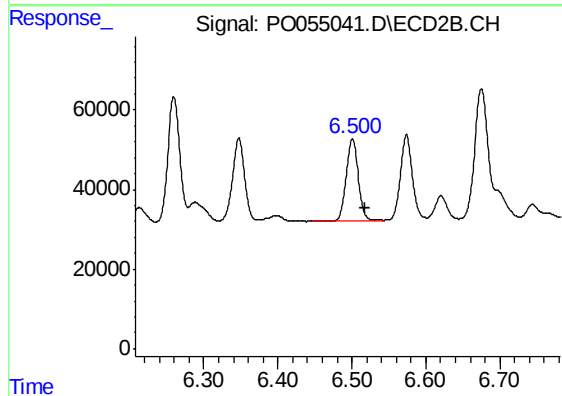
#32 AR-1260-2

R.T.: 6.347 min
Delta R.T.: -0.016 min
Response: 242716
Conc: 88.17 ng/ml



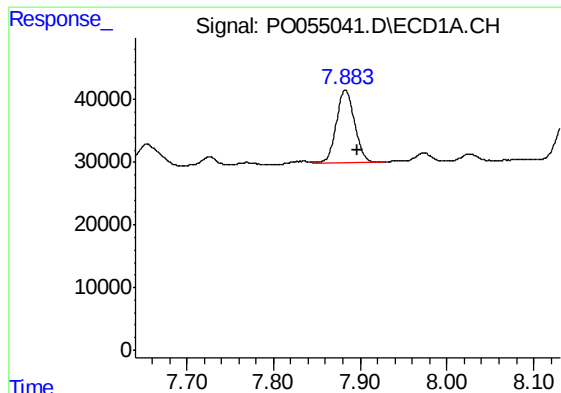
#33 AR-1260-3

R.T.: 7.654 min
Delta R.T.: -0.020 min
Response: 59492
Conc: 24.24 ng/ml



#33 AR-1260-3

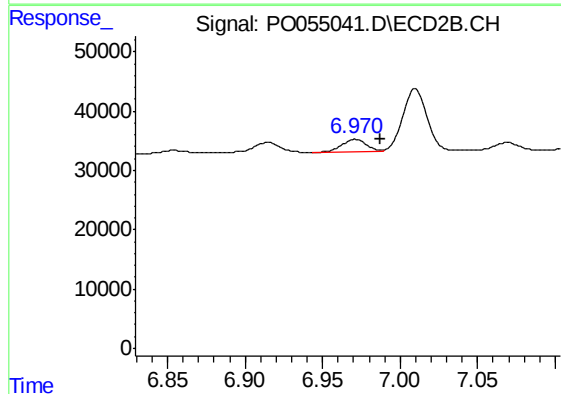
R.T.: 6.501 min
Delta R.T.: -0.017 min
Response: 231318
Conc: 89.73 ng/ml



#34 AR-1260-4

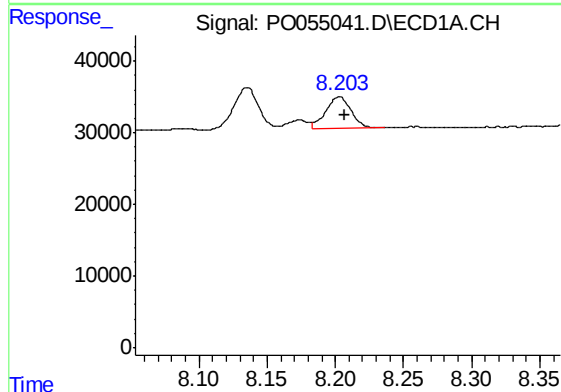
R.T.: 7.883 min
Delta R.T.: -0.014 min
Response: 173520
Conc: 62.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



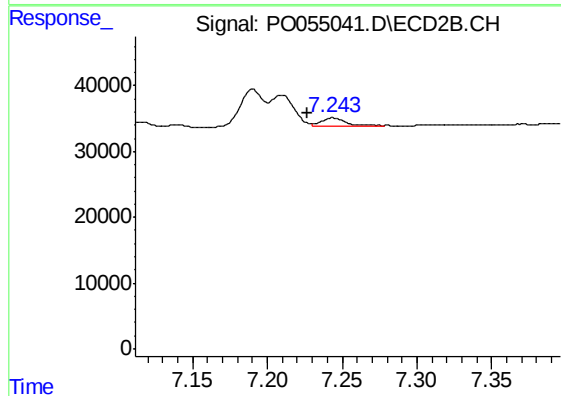
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: -0.017 min
Response: 23367
Conc: 10.98 ng/ml



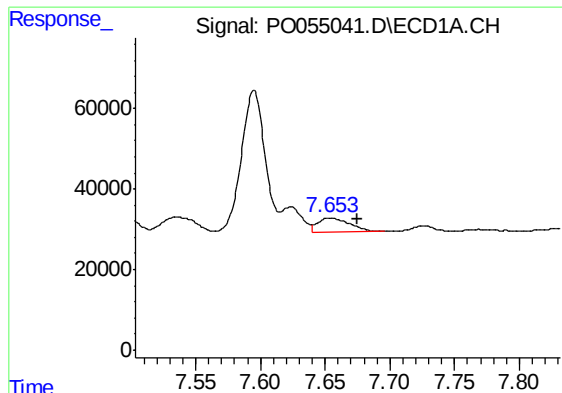
#35 AR-1260-5

R.T.: 8.203 min
Delta R.T.: -0.004 min
Response: 57539
Conc: 10.37 ng/ml



#35 AR-1260-5

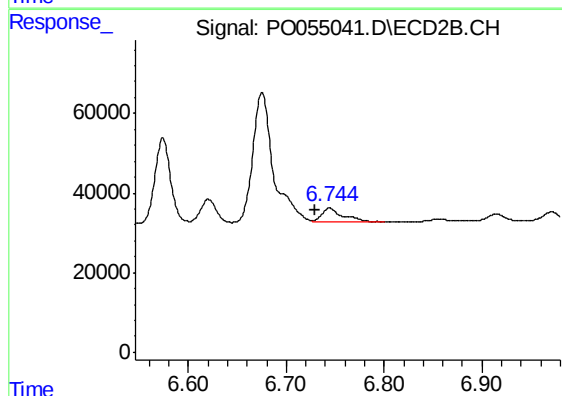
R.T.: 7.243 min
Delta R.T.: 0.016 min
Response: 14278
Conc: 2.98 ng/ml



#36 AR-1262-1

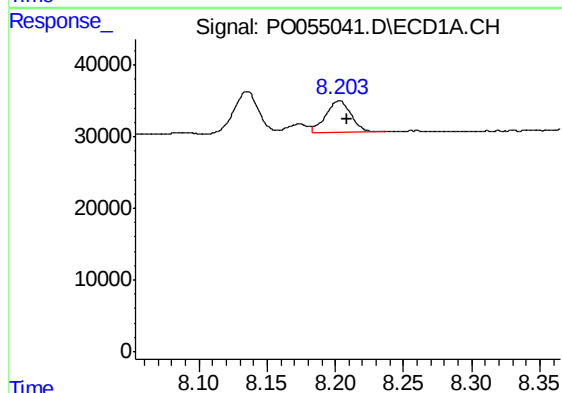
R.T.: 7.654 min
Delta R.T.: -0.020 min
Response: 59492
Conc: 17.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



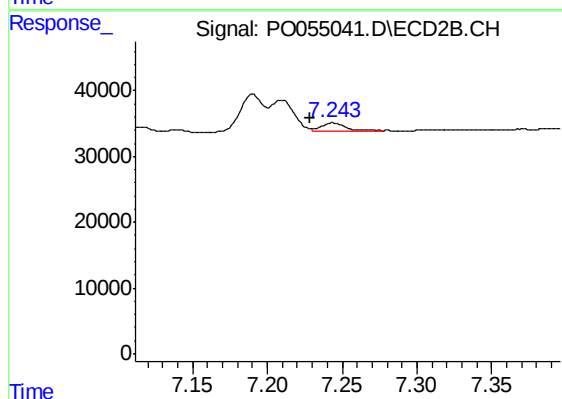
#36 AR-1262-1

R.T.: 6.744 min
Delta R.T.: 0.015 min
Response: 54581
Conc: 18.35 ng/ml



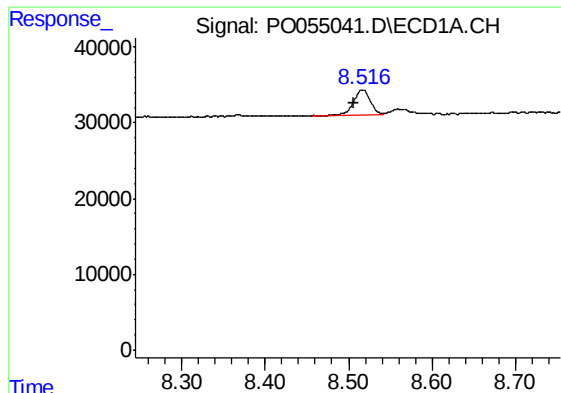
#37 AR-1262-2

R.T.: 8.203 min
Delta R.T.: -0.005 min
Response: 57539
Conc: 9.71 ng/ml



#37 AR-1262-2

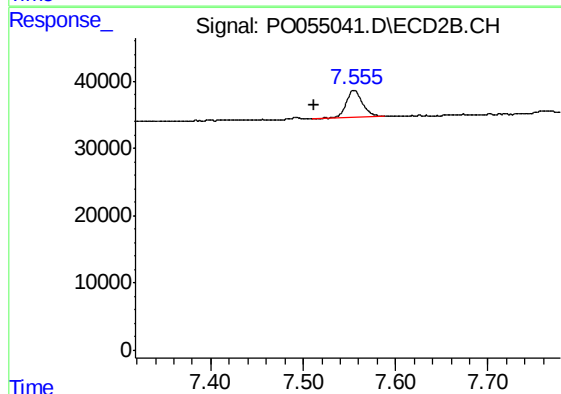
R.T.: 7.243 min
Delta R.T.: 0.015 min
Response: 14278
Conc: 2.91 ng/ml



#38 AR-1262-3

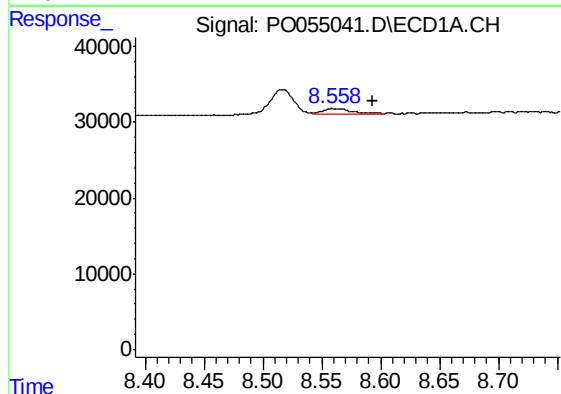
R.T.: 8.517 min
Delta R.T.: 0.010 min
Response: 47235
Conc: 11.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



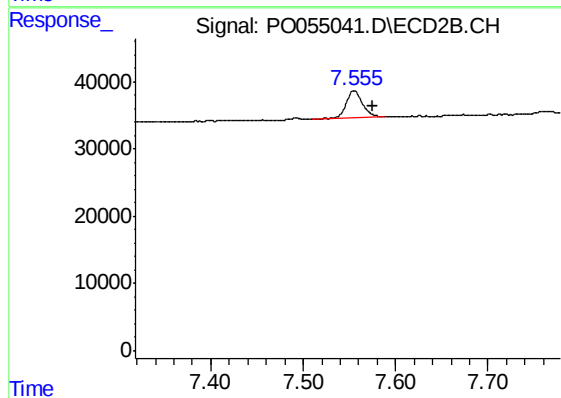
#38 AR-1262-3

R.T.: 7.555 min
Delta R.T.: 0.044 min
Response: 50806
Conc: 24.74 ng/ml



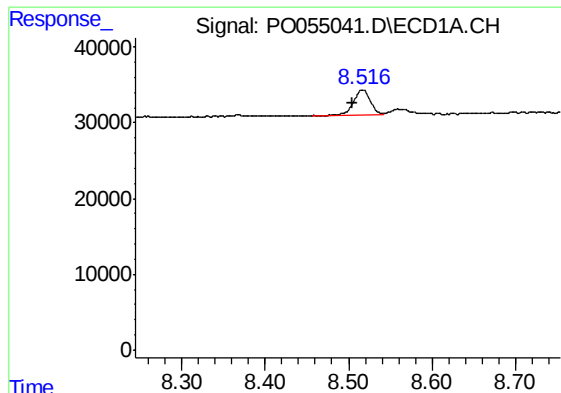
#39 AR-1262-4

R.T.: 8.559 min
Delta R.T.: -0.034 min
Response: 12617
Conc: 3.92 ng/ml



#39 AR-1262-4

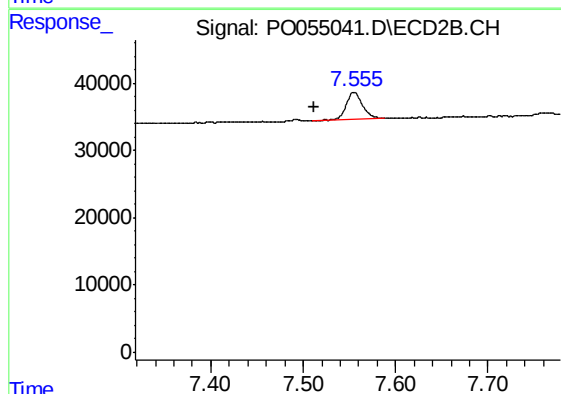
R.T.: 7.555 min
Delta R.T.: -0.020 min
Response: 50806
Conc: 14.03 ng/ml



#41 AR-1268-1

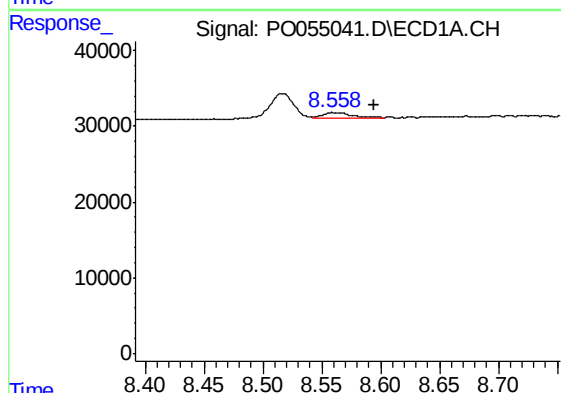
R.T.: 8.517 min
Delta R.T.: 0.013 min
Response: 47235
Conc: 6.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-WATER-02-QT1-2019



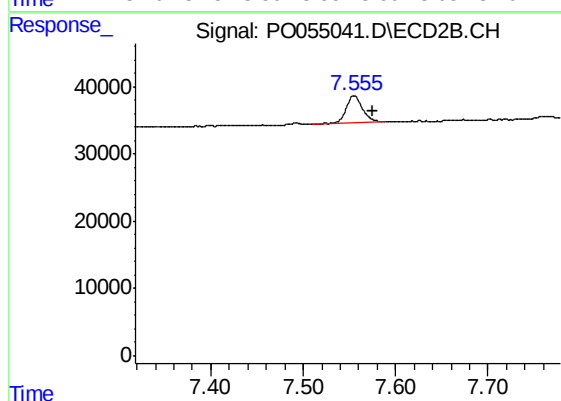
#41 AR-1268-1

R.T.: 7.555 min
Delta R.T.: 0.044 min
Response: 50806
Conc: 8.99 ng/ml



#42 AR-1268-2

R.T.: 8.559 min
Delta R.T.: -0.036 min
Response: 12617
Conc: 1.93 ng/ml



#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.020 min
Response: 50806
Conc: 9.82 ng/ml