

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 20:33
 Operator : SM\SJ
 Sample : K1830-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:48:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 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...	4.182	3.636	122.4E6	67054191	21.035	21.711
2)	SA Decachlor...	9.594	8.504	84346656	39548321	17.495	17.665
Target Compounds							
3)	L1 AR-1016-1	5.320	4.691	38976088	23760683	193.666	211.182
4)	L1 AR-1016-2	5.341	4.707	60762260	36035457	193.617	212.733
5)	L1 AR-1016-3	5.401	4.881	34809065	17618053	191.123	204.403
6)	L1 AR-1016-4	5.500	4.919	29360719	13750038	196.268	198.763
7)	L1 AR-1016-5	5.782	5.129	27782574	17486785	191.350	200.610
8)	L2 AR-1221-1	4.389	3.840	3533851	2143982	55.694	62.492
9)	L2 AR-1221-2	4.479	3.927	6062291	3068726	131.049	119.588
10)	L2 AR-1221-3	4.553	3.999	22281030	11769135	145.781	137.586
11)	L3 AR-1232-1	4.553	3.999	22281030	11769135	179.030	175.568
12)	L3 AR-1232-2	5.060	4.707	29444267	36035457	500.029	509.672
13)	L3 AR-1232-3	5.341	4.881	60762260	17618053	491.994	526.990
14)	L3 AR-1232-4	5.500	4.959	29360719	16836406	504.103	585.041
15)	L3 AR-1232-5	5.580	5.129	24577721	17486785	574.924	551.655
16)	L4 AR-1242-1	5.320	4.691	38976088	23760683	237.189	258.940
17)	L4 AR-1242-2	5.341	4.707	60762260	36035457	238.129	257.893
18)	L4 AR-1242-3	5.401	4.881	34809065	17618053	236.019	254.937
19)	L4 AR-1242-4	5.500	4.959	29360719	16836406	239.860	263.763
20)	L4 AR-1242-5	6.215	5.470	4938081	13946759	36.141	161.349 #
21)	L5 AR-1248-1	5.320	4.691	38976088	23760683	246.096	257.612
22)	L5 AR-1248-2	5.580	4.919	24577721	13750038	112.288	114.806
23)	L5 AR-1248-3	5.782	4.959	27782574	16836406	113.083	138.730
24)	L5 AR-1248-4	6.178	5.129	5094724	17486785	18.214	117.600 #
25)	L5 AR-1248-5	6.215	5.511	4938081	2332996	18.628	16.039
26)	L6 AR-1254-1	6.147	5.470	22637573	13946759	115.227	90.541
27)	L6 AR-1254-2	6.356	5.613	24921676	12992646	81.312	100.139
28)	L6 AR-1254-3	6.725	6.018	13540370	21349121	43.481	100.932 #
29)	L6 AR-1254-4	7.004	6.237	8497647	2458481	33.476	15.329 #
30)	L6 AR-1254-5	7.416	6.643	76050413	41489462	257.740	238.501
31)	L7 AR-1260-1	6.877	6.134	51600469	31536653	199.255	203.198
32)	L7 AR-1260-2	7.129	6.320	66412628	38425937	192.669	203.668
33)	L7 AR-1260-3	7.480	6.469	45415316	34283452	160.125	201.322 #
34)	L7 AR-1260-4	7.709	6.931	45878694	23901492	170.417	171.386
35)	L7 AR-1260-5	8.014	7.174	101.4E6	56274660	160.904	169.676
36)	L8 AR-1262-1	7.538	6.674	23268763	26771363	150.668	126.744
37)	L8 AR-1262-2	8.014	7.174	101.4E6	56274660	144.513	149.735
38)	L8 AR-1262-3	8.288	7.446	21124896	10883284	70.481	73.631
39)	L8 AR-1262-4	8.369	7.514	34469962	39270404	99.395	146.396 #
40)	L8 AR-1262-5	8.967	8.006	26081235	11266709	109.150	99.022
41)	L9 AR-1268-1	8.288	7.446	21124896	10883284	25.666	26.900

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
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 Acq On : 20 Mar 2019 20:33
 Operator : SM\SJ
 Sample : K1830-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

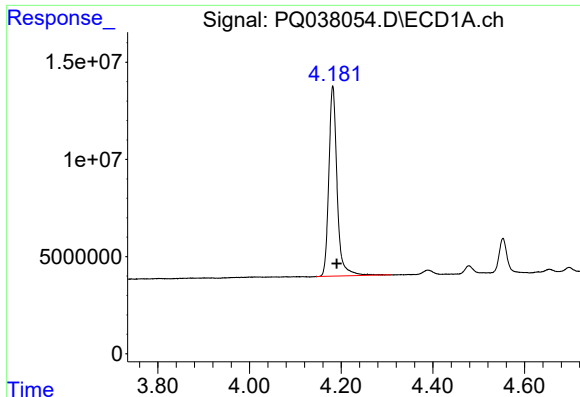
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:48:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.369	7.514	34469962	39270404	46.158	104.891 #
43) L9	AR-1268-3	8.567	0.000	2232249	0	3.404	N.D. #
44) L9	AR-1268-4	8.967	8.006	26081235	11266709	100.755	90.204
45) L9	AR-1268-5	9.320	8.277	9066802	4119888	4.645	4.355

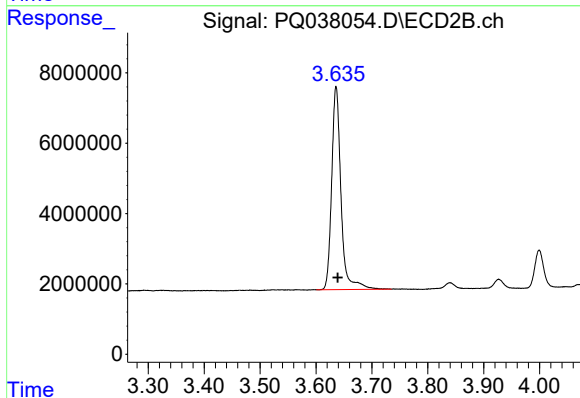
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

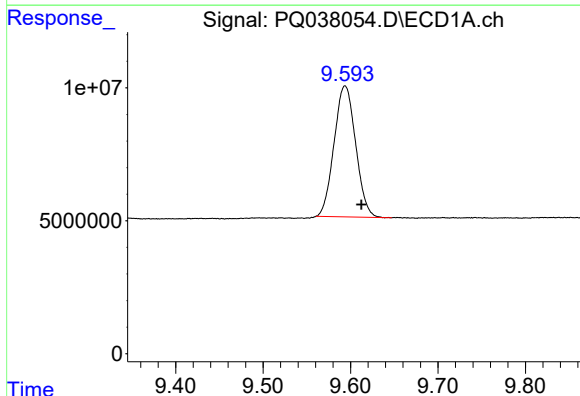
R.T.: 4.182 min
Delta R.T.: -0.008 min
Response: 122393044
Conc: 21.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



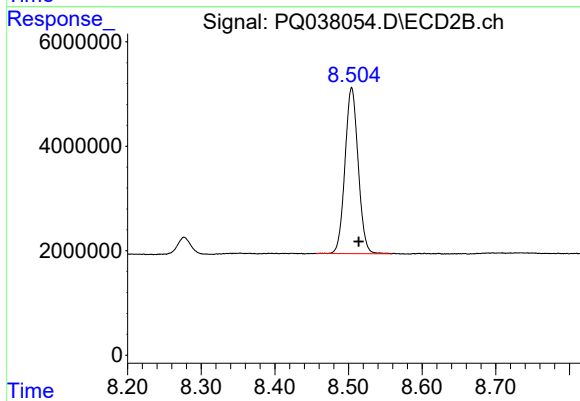
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 67054191
Conc: 21.71 ng/ml



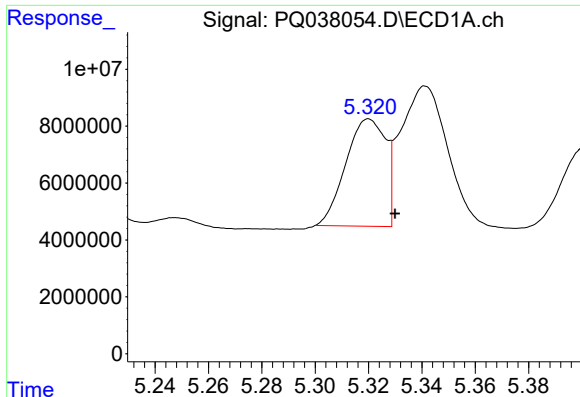
#2 Decachlorobiphenyl

R.T.: 9.594 min
Delta R.T.: -0.019 min
Response: 84346656
Conc: 17.49 ng/ml



#2 Decachlorobiphenyl

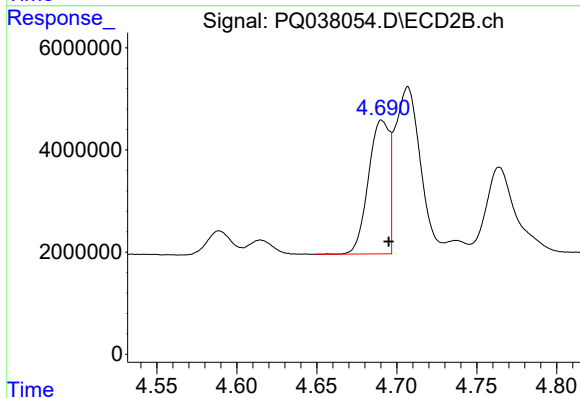
R.T.: 8.504 min
Delta R.T.: -0.010 min
Response: 39548321
Conc: 17.67 ng/ml



#3 AR-1016-1

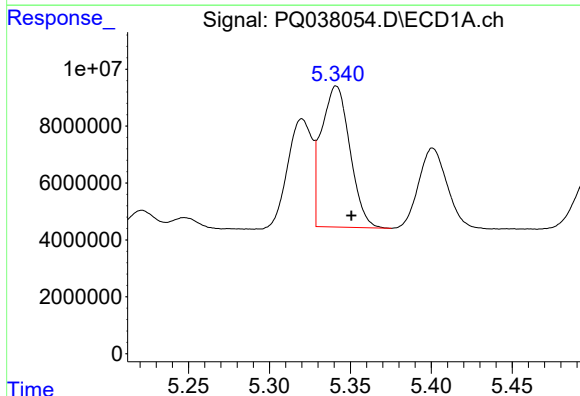
R.T.: 5.320 min
Delta R.T.: -0.010 min
Response: 38976088
Conc: 193.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



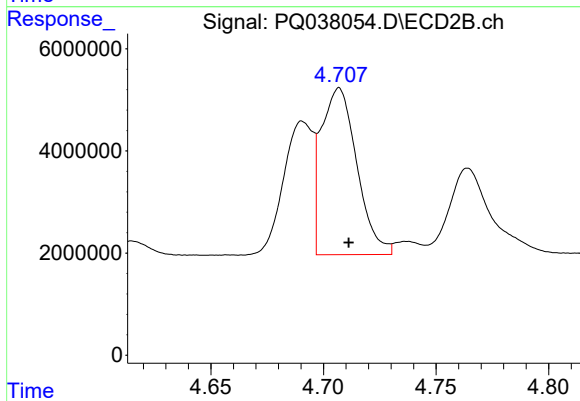
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 23760683
Conc: 211.18 ng/ml



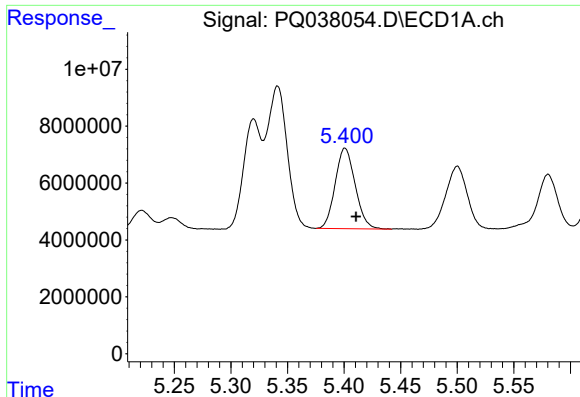
#4 AR-1016-2

R.T.: 5.341 min
Delta R.T.: -0.009 min
Response: 60762260
Conc: 193.62 ng/ml



#4 AR-1016-2

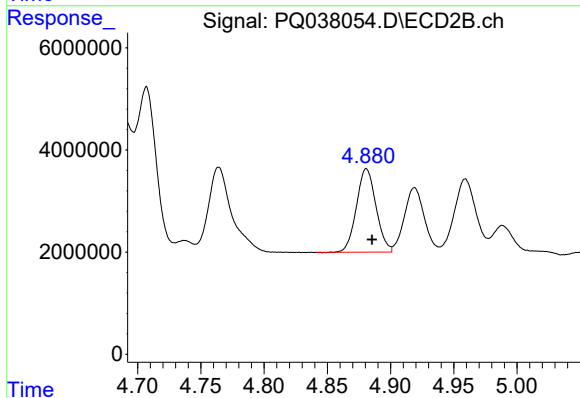
R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 36035457
Conc: 212.73 ng/ml



#5 AR-1016-3

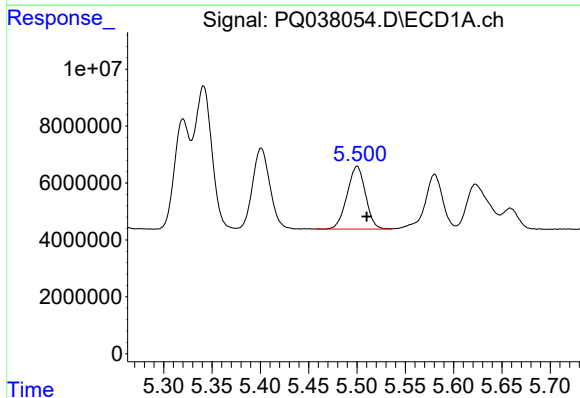
R.T.: 5.401 min
Delta R.T.: -0.010 min
Response: 34809065
Conc: 191.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



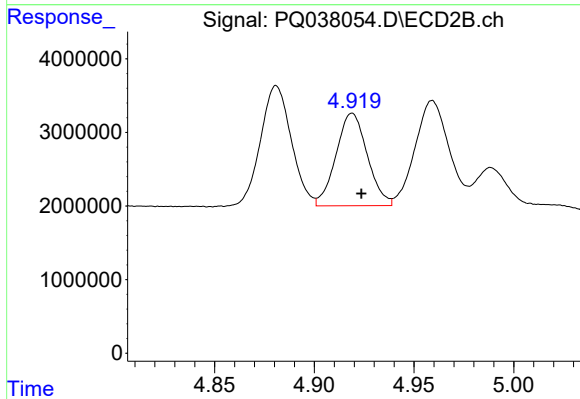
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: -0.004 min
Response: 17618053
Conc: 204.40 ng/ml



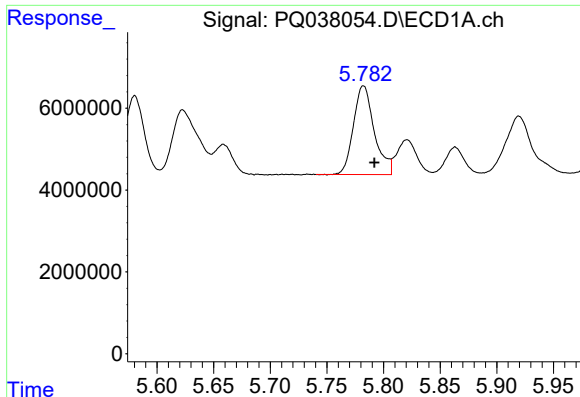
#6 AR-1016-4

R.T.: 5.500 min
Delta R.T.: -0.010 min
Response: 29360719
Conc: 196.27 ng/ml



#6 AR-1016-4

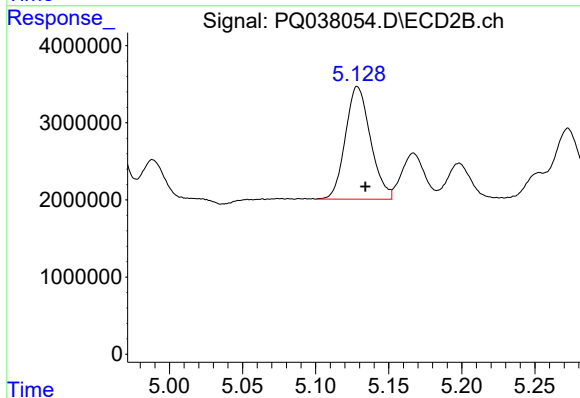
R.T.: 4.919 min
Delta R.T.: -0.005 min
Response: 13750038
Conc: 198.76 ng/ml



#7 AR-1016-5

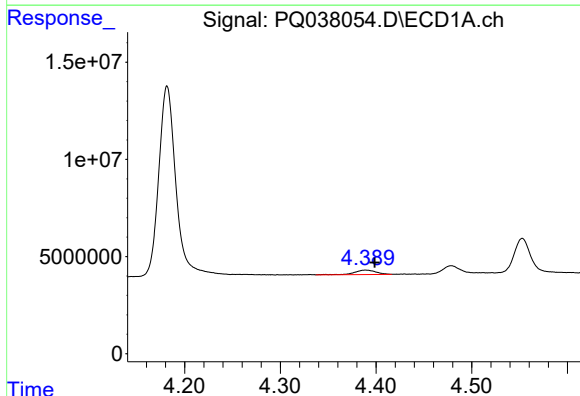
R.T.: 5.782 min
Delta R.T.: -0.010 min
Response: 27782574
Conc: 191.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



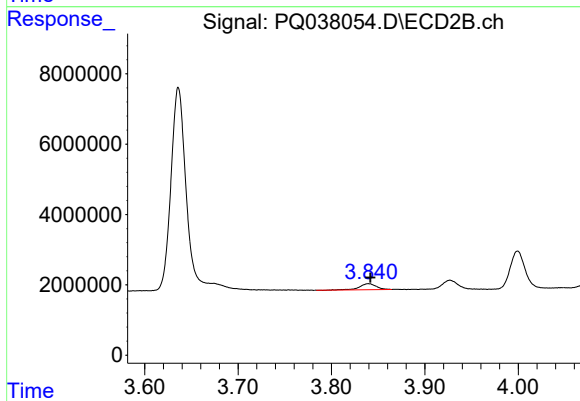
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 17486785
Conc: 200.61 ng/ml



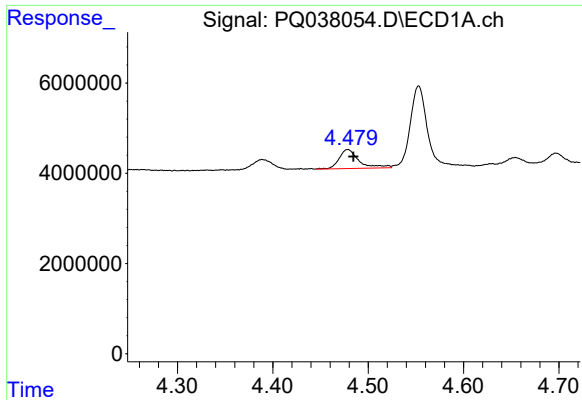
#8 AR-1221-1

R.T.: 4.389 min
Delta R.T.: -0.010 min
Response: 3533851
Conc: 55.69 ng/ml



#8 AR-1221-1

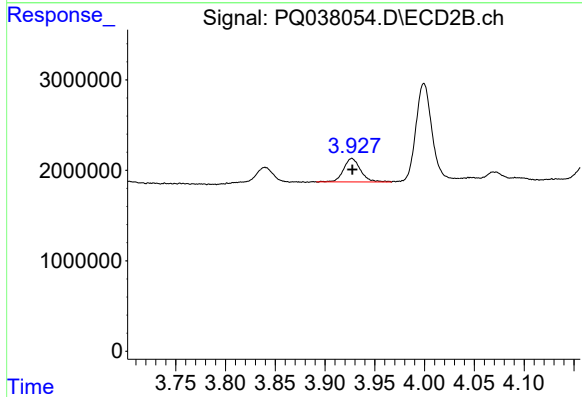
R.T.: 3.840 min
Delta R.T.: -0.002 min
Response: 2143982
Conc: 62.49 ng/ml



#9 AR-1221-2

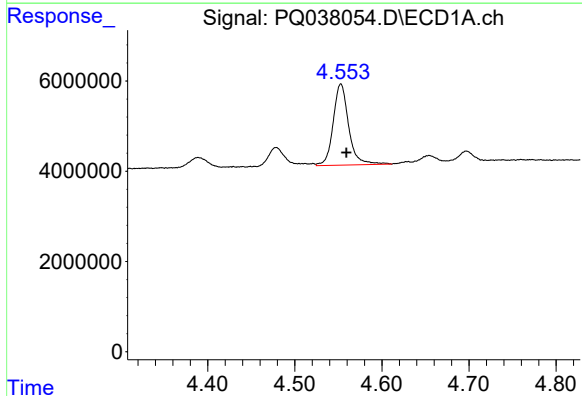
R.T.: 4.479 min
Delta R.T.: -0.006 min
Response: 6062291
Conc: 131.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



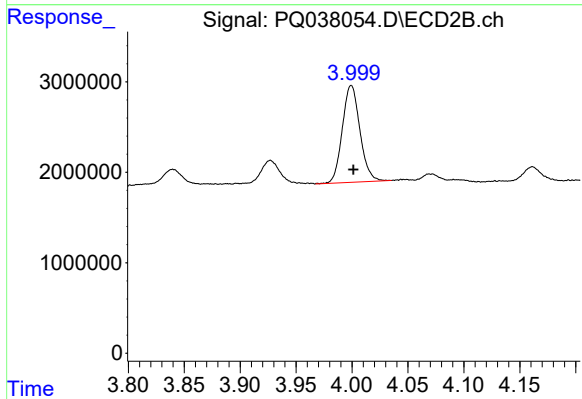
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 3068726
Conc: 119.59 ng/ml



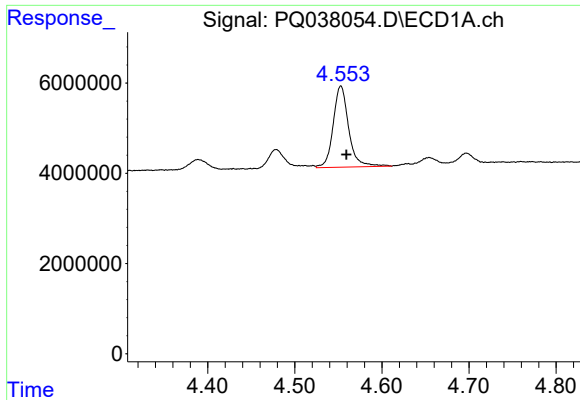
#10 AR-1221-3

R.T.: 4.553 min
Delta R.T.: -0.006 min
Response: 22281030
Conc: 145.78 ng/ml



#10 AR-1221-3

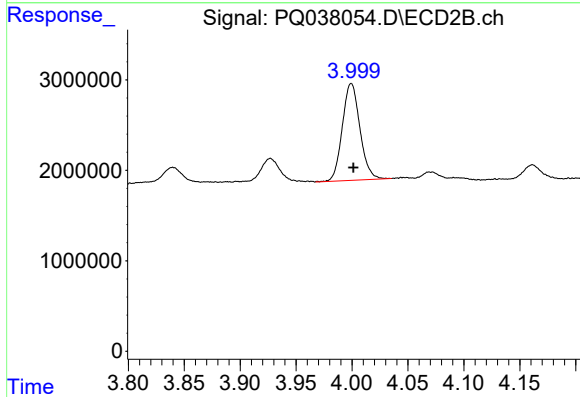
R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 11769135
Conc: 137.59 ng/ml



#11 AR-1232-1

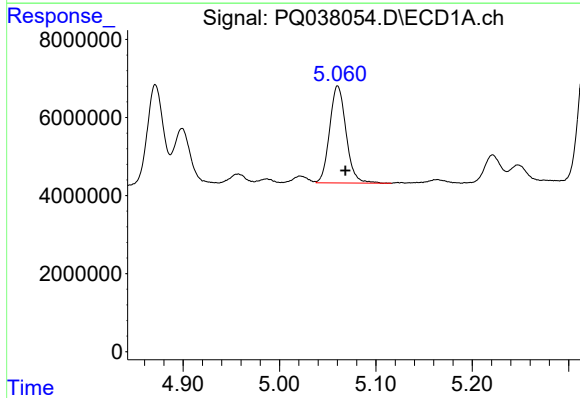
R.T.: 4.553 min
Delta R.T.: -0.007 min
Response: 22281030
Conc: 179.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



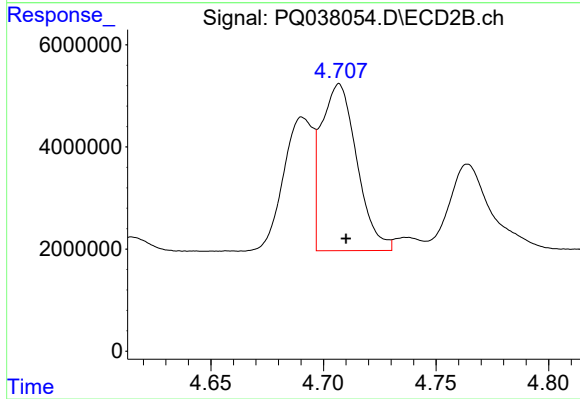
#11 AR-1232-1

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 11769135
Conc: 175.57 ng/ml



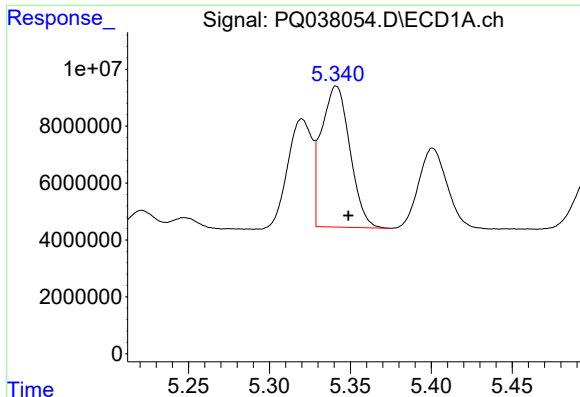
#12 AR-1232-2

R.T.: 5.060 min
Delta R.T.: -0.008 min
Response: 29444267
Conc: 500.03 ng/ml



#12 AR-1232-2

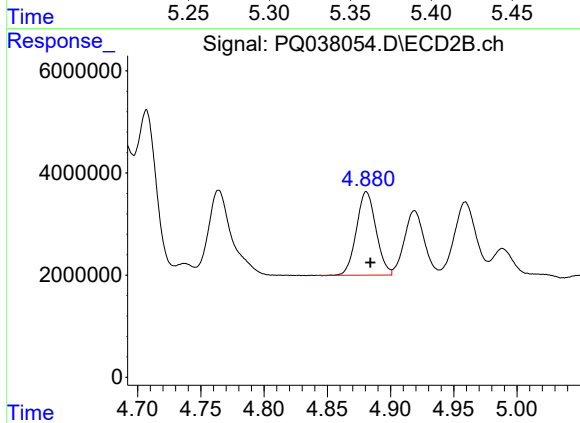
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 36035457
Conc: 509.67 ng/ml



#13 AR-1232-3

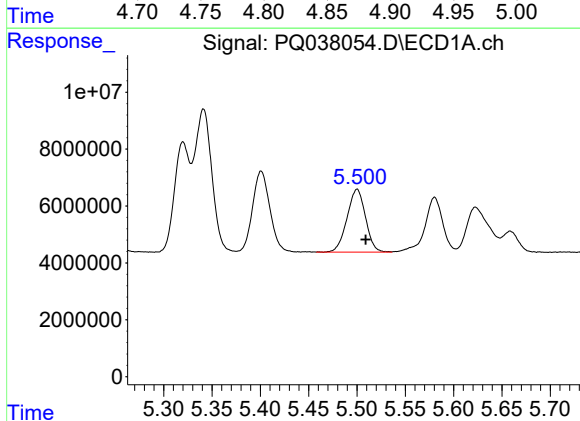
R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 60762260
Conc: 491.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



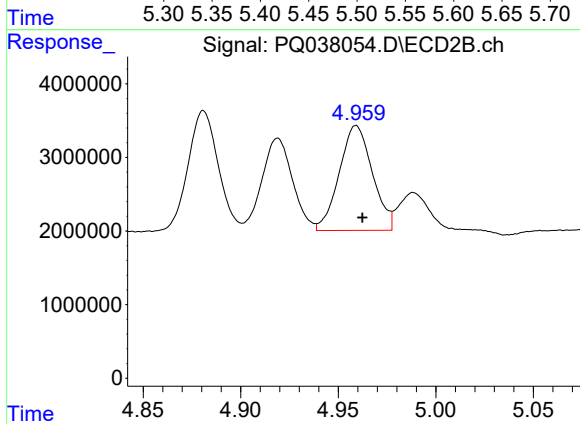
#13 AR-1232-3

R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 17618053
Conc: 526.99 ng/ml



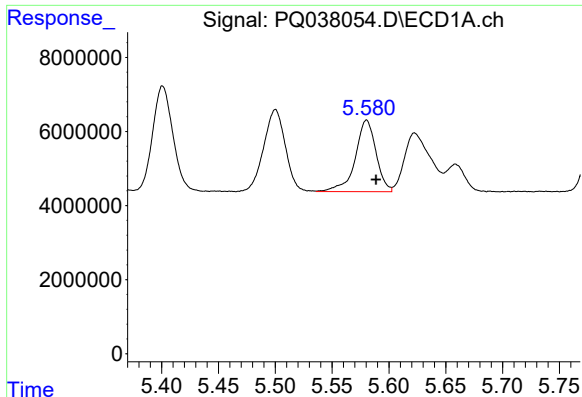
#14 AR-1232-4

R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 29360719
Conc: 504.10 ng/ml



#14 AR-1232-4

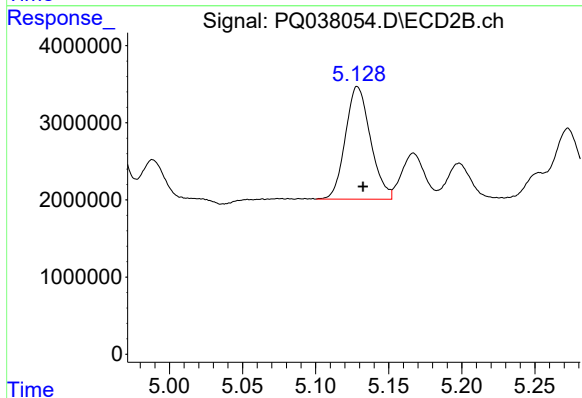
R.T.: 4.959 min
Delta R.T.: -0.003 min
Response: 16836406
Conc: 585.04 ng/ml



#15 AR-1232-5

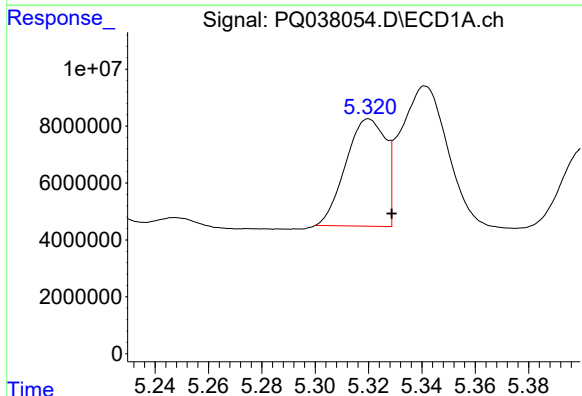
R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 24577721
Conc: 574.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



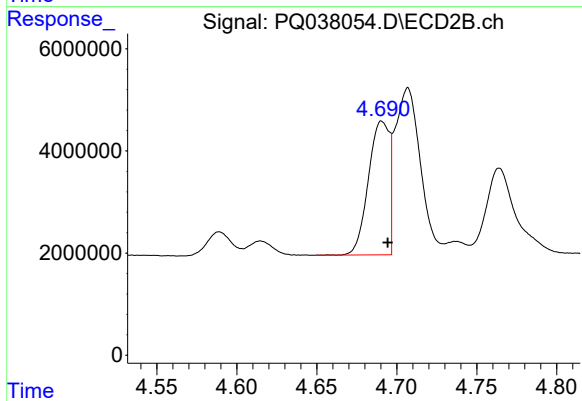
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.004 min
Response: 17486785
Conc: 551.65 ng/ml



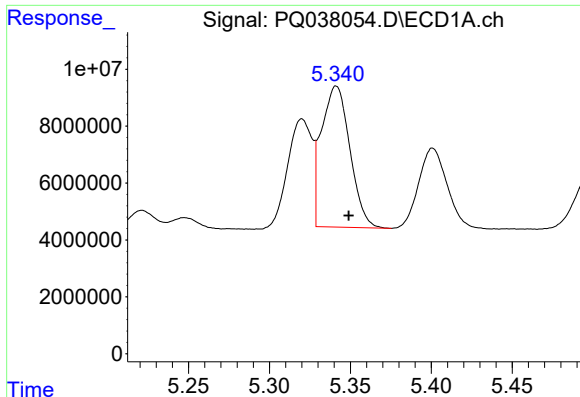
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 38976088
Conc: 237.19 ng/ml



#16 AR-1242-1

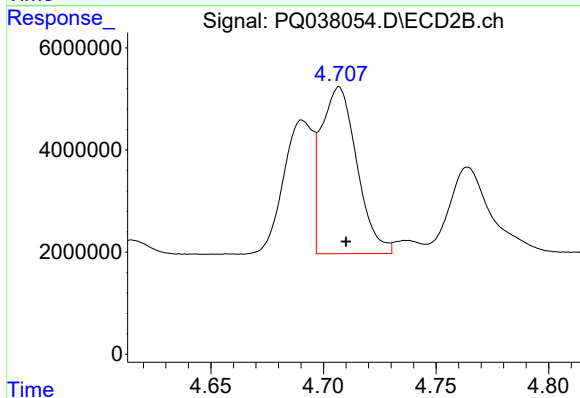
R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 23760683
Conc: 258.94 ng/ml



#17 AR-1242-2

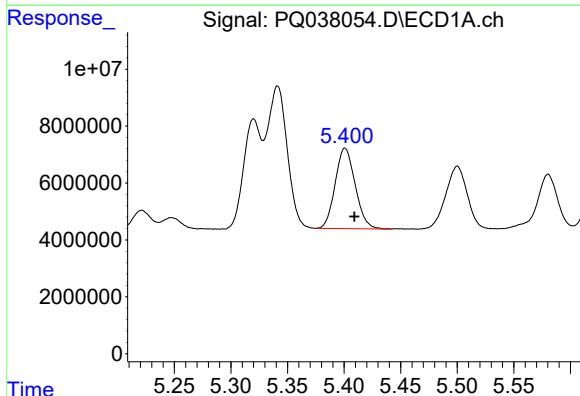
R.T.: 5.341 min
Delta R.T.: -0.008 min
Response: 60762260
Conc: 238.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



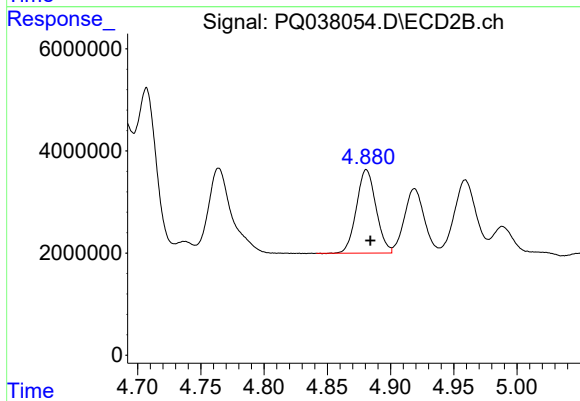
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 36035457
Conc: 257.89 ng/ml



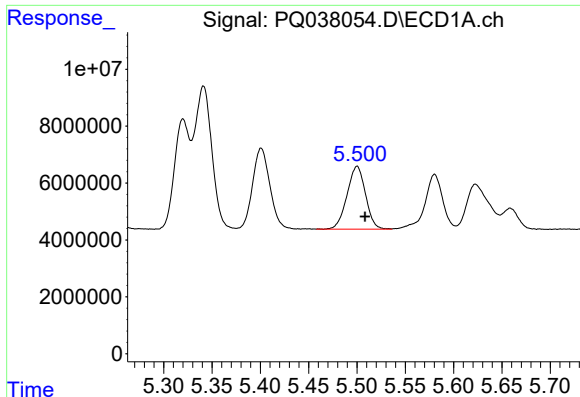
#18 AR-1242-3

R.T.: 5.401 min
Delta R.T.: -0.008 min
Response: 34809065
Conc: 236.02 ng/ml



#18 AR-1242-3

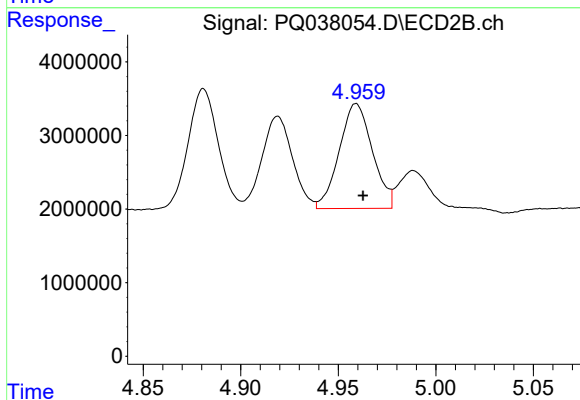
R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 17618053
Conc: 254.94 ng/ml



#19 AR-1242-4

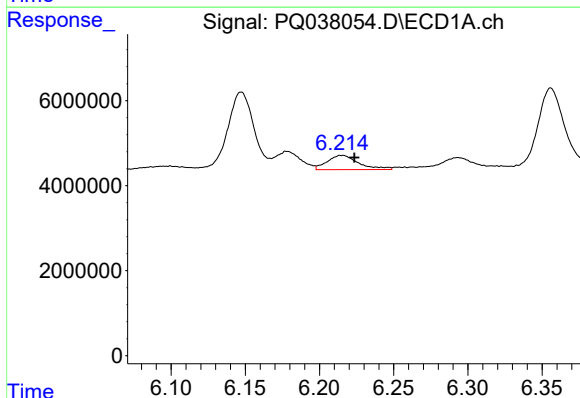
R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 29360719
Conc: 239.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



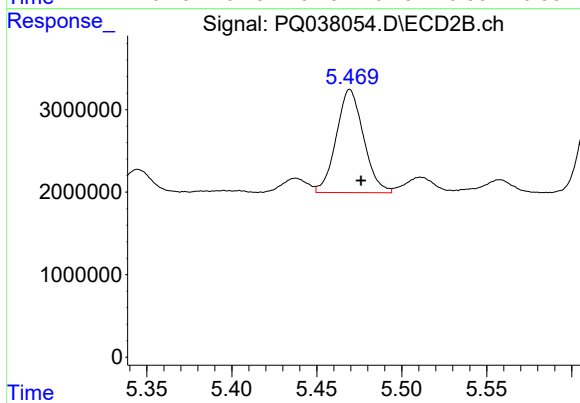
#19 AR-1242-4

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 16836406
Conc: 263.76 ng/ml



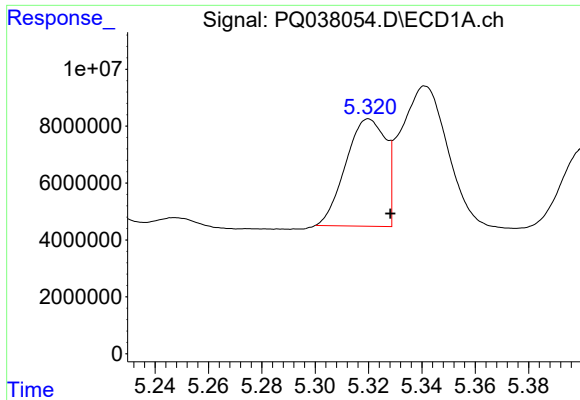
#20 AR-1242-5

R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 4938081
Conc: 36.14 ng/ml



#20 AR-1242-5

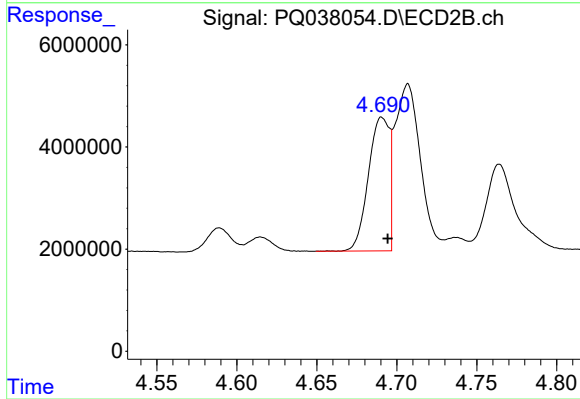
R.T.: 5.470 min
Delta R.T.: -0.007 min
Response: 13946759
Conc: 161.35 ng/ml



#21 AR-1248-1

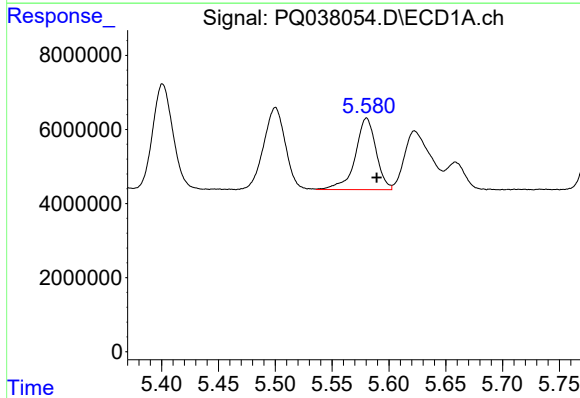
R.T.: 5.320 min
Delta R.T.: -0.008 min
Response: 38976088
Conc: 246.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



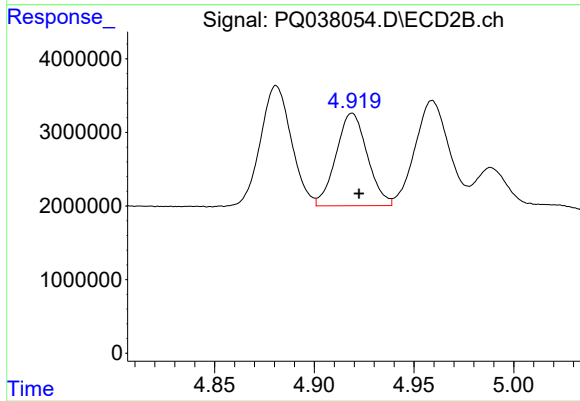
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 23760683
Conc: 257.61 ng/ml



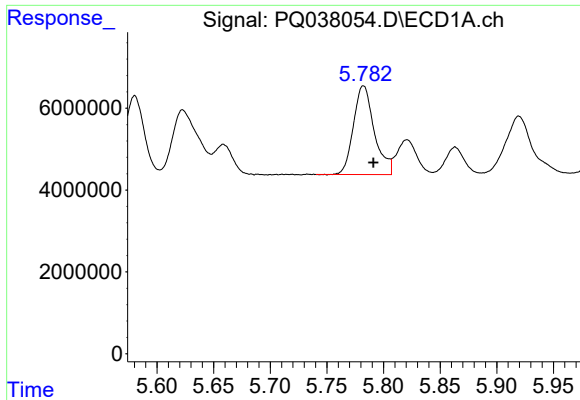
#22 AR-1248-2

R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 24577721
Conc: 112.29 ng/ml



#22 AR-1248-2

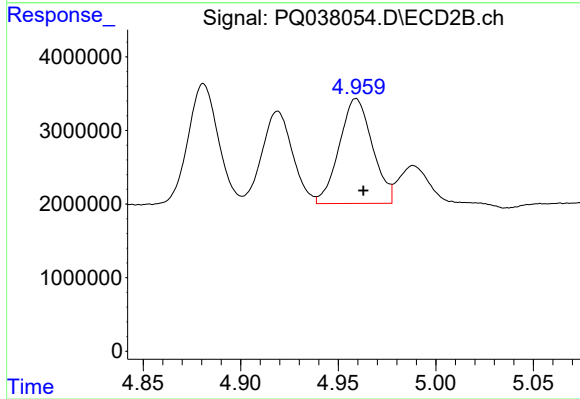
R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 13750038
Conc: 114.81 ng/ml



#23 AR-1248-3

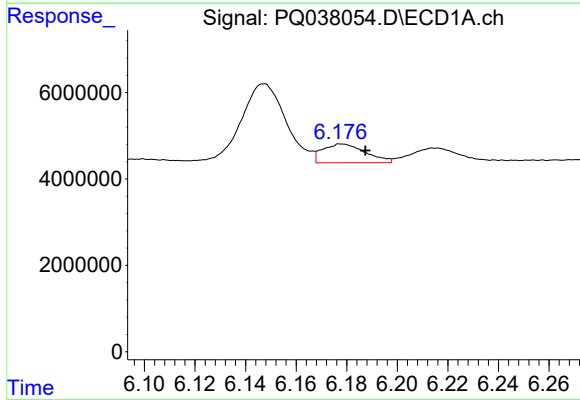
R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 27782574
Conc: 113.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



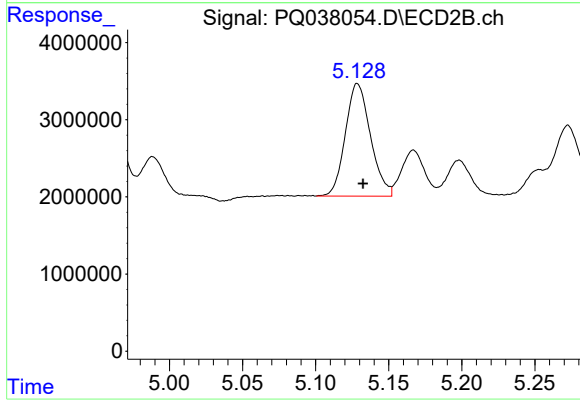
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: -0.004 min
Response: 16836406
Conc: 138.73 ng/ml



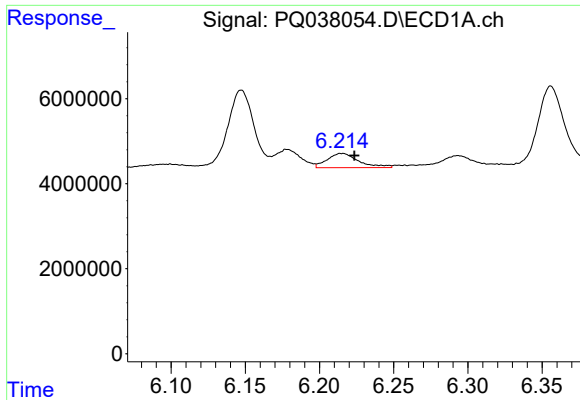
#24 AR-1248-4

R.T.: 6.178 min
Delta R.T.: -0.009 min
Response: 5094724
Conc: 18.21 ng/ml



#24 AR-1248-4

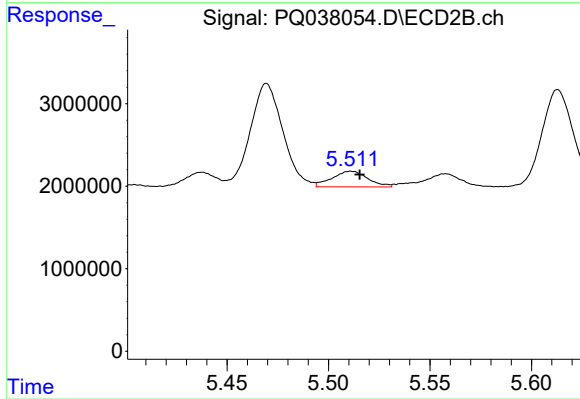
R.T.: 5.129 min
Delta R.T.: -0.004 min
Response: 17486785
Conc: 117.60 ng/ml



#25 AR-1248-5

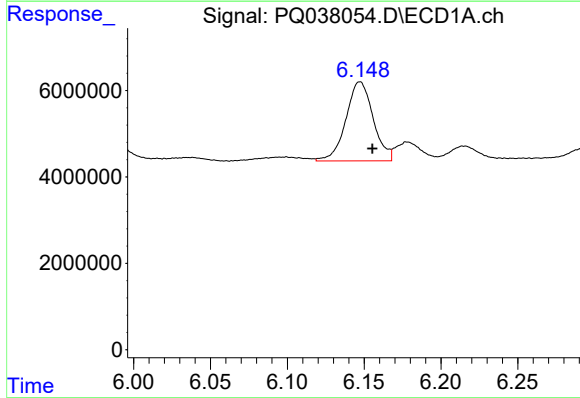
R.T.: 6.215 min
Delta R.T.: -0.008 min
Response: 4938081
Conc: 18.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



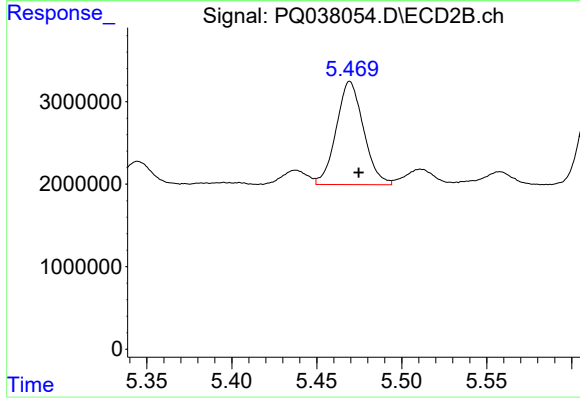
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 2332996
Conc: 16.04 ng/ml



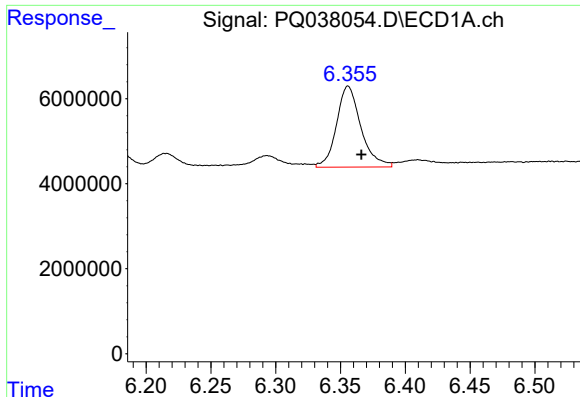
#26 AR-1254-1

R.T.: 6.147 min
Delta R.T.: -0.008 min
Response: 22637573
Conc: 115.23 ng/ml



#26 AR-1254-1

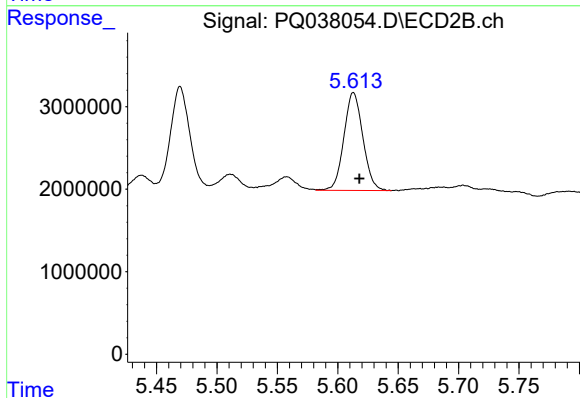
R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 13946759
Conc: 90.54 ng/ml



#27 AR-1254-2

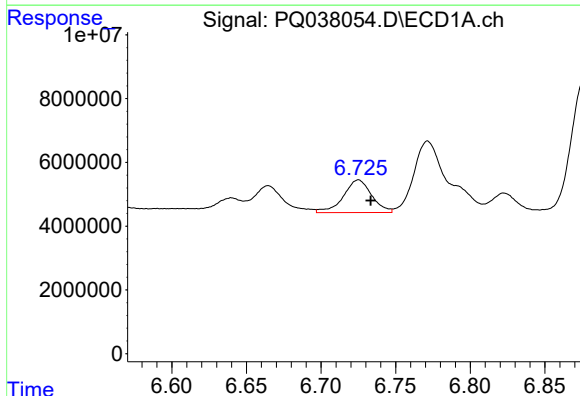
R.T.: 6.356 min
Delta R.T.: -0.010 min
Response: 24921676
Conc: 81.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



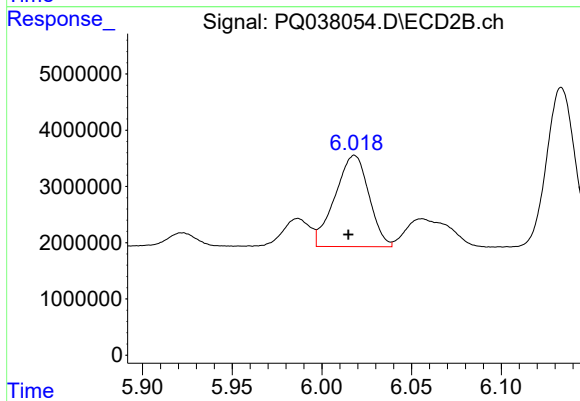
#27 AR-1254-2

R.T.: 5.613 min
Delta R.T.: -0.005 min
Response: 12992646
Conc: 100.14 ng/ml



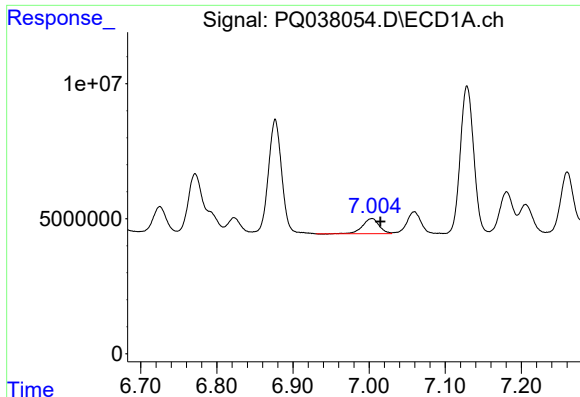
#28 AR-1254-3

R.T.: 6.725 min
Delta R.T.: -0.008 min
Response: 13540370
Conc: 43.48 ng/ml



#28 AR-1254-3

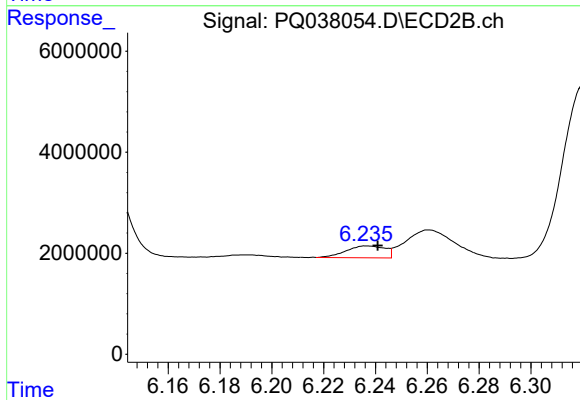
R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 21349121
Conc: 100.93 ng/ml



#29 AR-1254-4

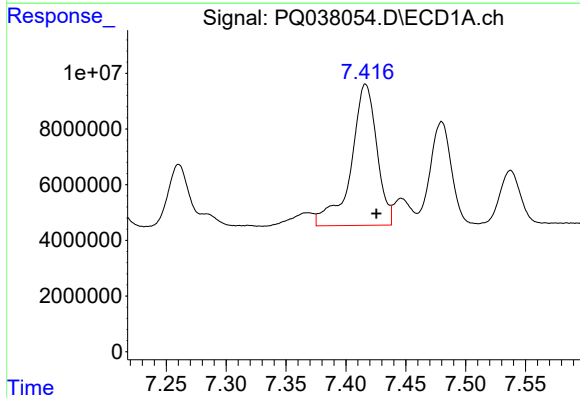
R.T.: 7.004 min
Delta R.T.: -0.011 min
Response: 8497647
Conc: 33.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



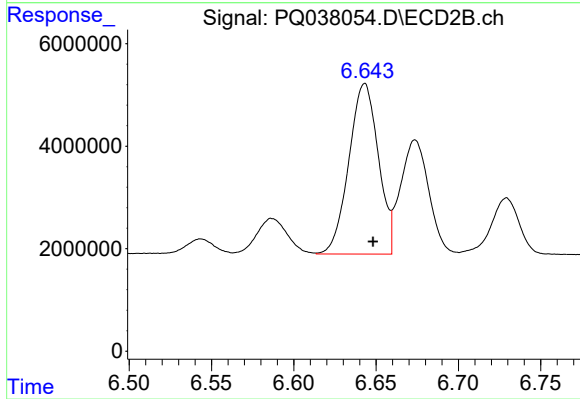
#29 AR-1254-4

R.T.: 6.237 min
Delta R.T.: -0.004 min
Response: 2458481
Conc: 15.33 ng/ml



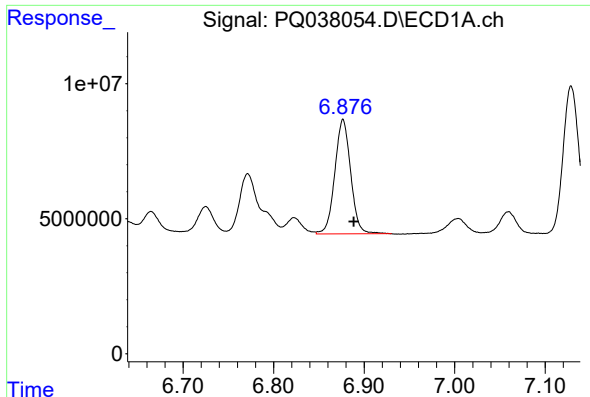
#30 AR-1254-5

R.T.: 7.416 min
Delta R.T.: -0.009 min
Response: 76050413
Conc: 257.74 ng/ml



#30 AR-1254-5

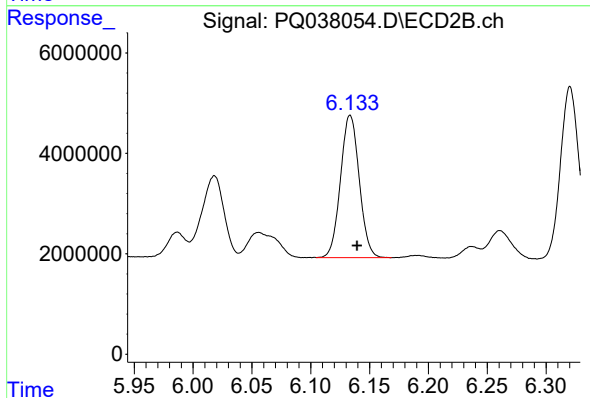
R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 41489462
Conc: 238.50 ng/ml



#31 AR-1260-1

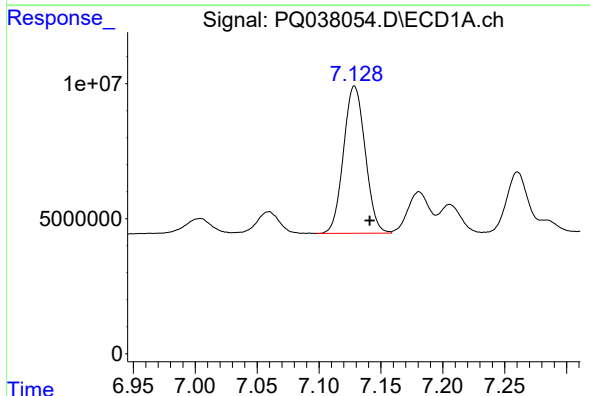
R.T.: 6.877 min
Delta R.T.: -0.012 min
Response: 51600469
Conc: 199.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



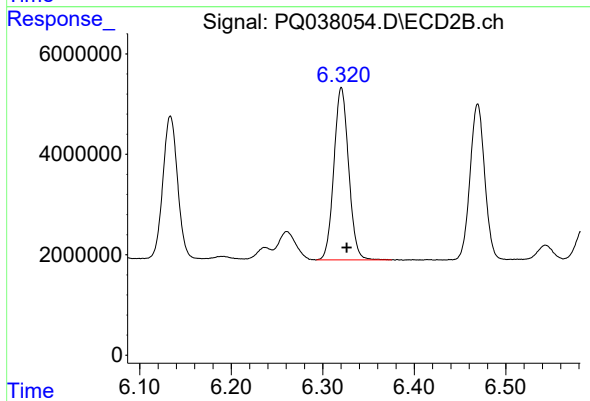
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.006 min
Response: 31536653
Conc: 203.20 ng/ml



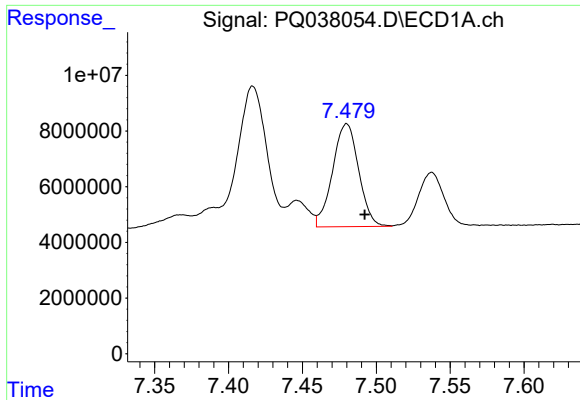
#32 AR-1260-2

R.T.: 7.129 min
Delta R.T.: -0.012 min
Response: 66412628
Conc: 192.67 ng/ml



#32 AR-1260-2

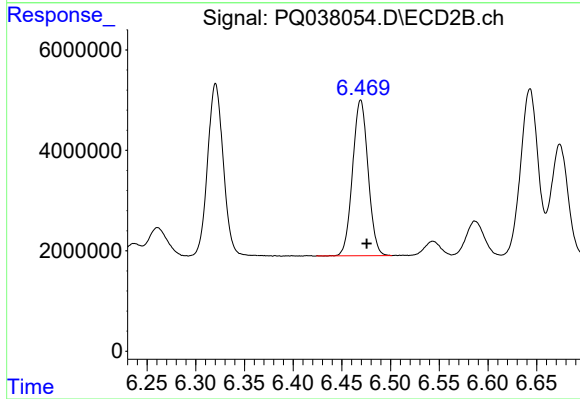
R.T.: 6.320 min
Delta R.T.: -0.006 min
Response: 38425937
Conc: 203.67 ng/ml



#33 AR-1260-3

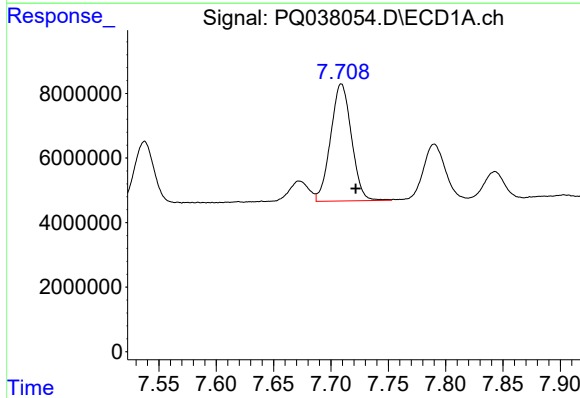
R.T.: 7.480 min
Delta R.T.: -0.012 min
Response: 45415316
Conc: 160.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



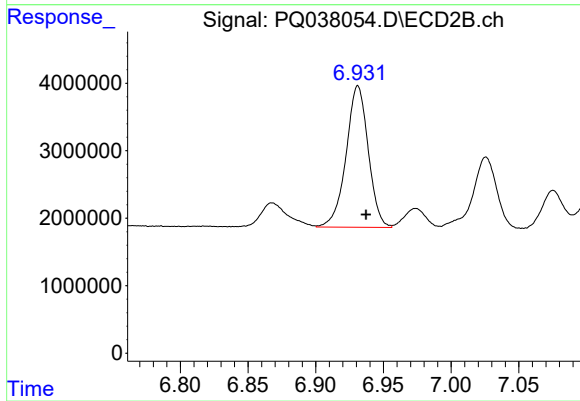
#33 AR-1260-3

R.T.: 6.469 min
Delta R.T.: -0.006 min
Response: 34283452
Conc: 201.32 ng/ml



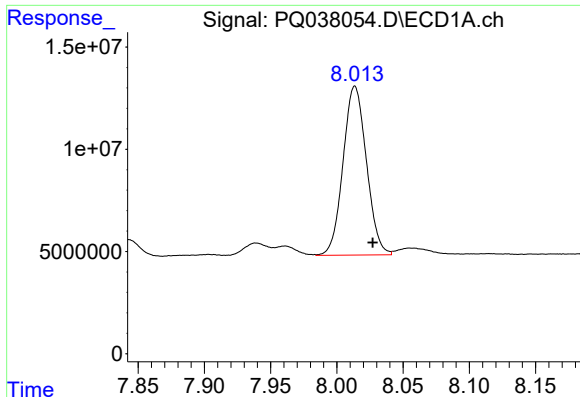
#34 AR-1260-4

R.T.: 7.709 min
Delta R.T.: -0.012 min
Response: 45878694
Conc: 170.42 ng/ml



#34 AR-1260-4

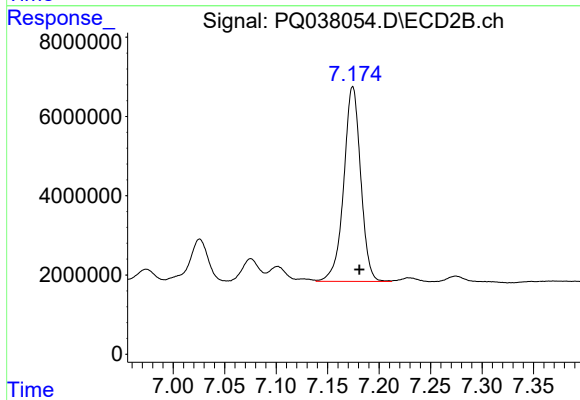
R.T.: 6.931 min
Delta R.T.: -0.006 min
Response: 23901492
Conc: 171.39 ng/ml



#35 AR-1260-5

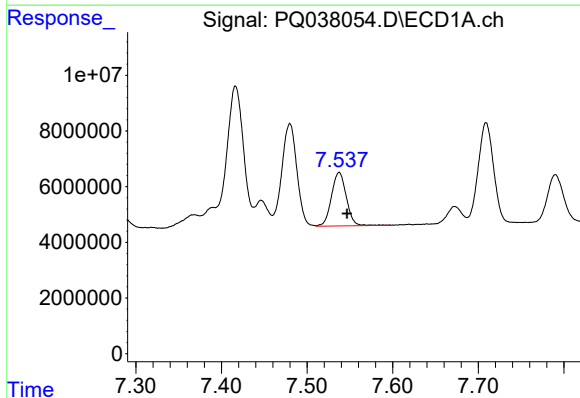
R.T.: 8.014 min
Delta R.T.: -0.013 min
Response: 101374187
Conc: 160.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



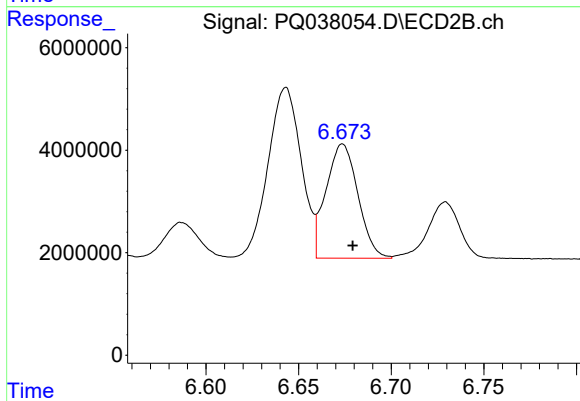
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.006 min
Response: 56274660
Conc: 169.68 ng/ml



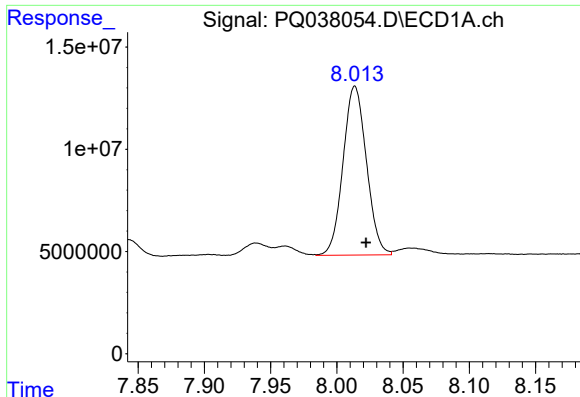
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 23268763
Conc: 150.67 ng/ml



#36 AR-1262-1

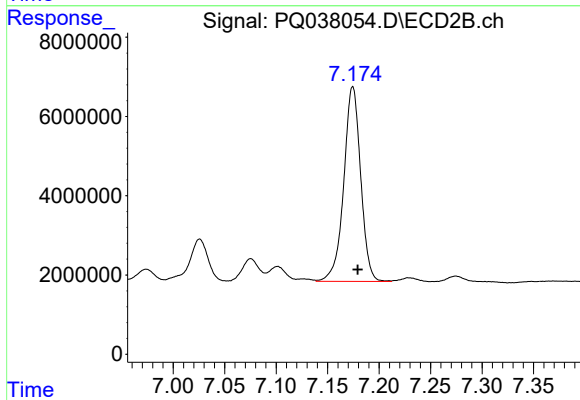
R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 26771363
Conc: 126.74 ng/ml



#37 AR-1262-2

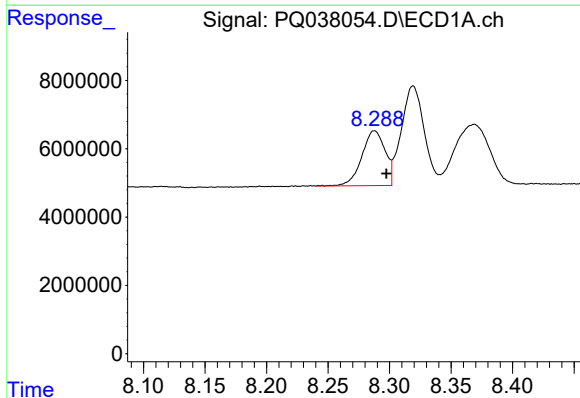
R.T.: 8.014 min
Delta R.T.: -0.008 min
Response: 101374187
Conc: 144.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



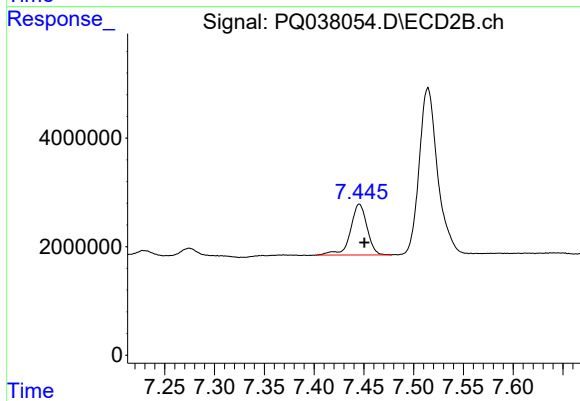
#37 AR-1262-2

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 56274660
Conc: 149.74 ng/ml



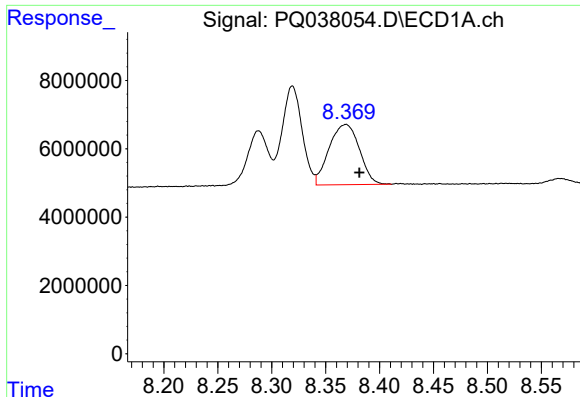
#38 AR-1262-3

R.T.: 8.288 min
Delta R.T.: -0.010 min
Response: 21124896
Conc: 70.48 ng/ml



#38 AR-1262-3

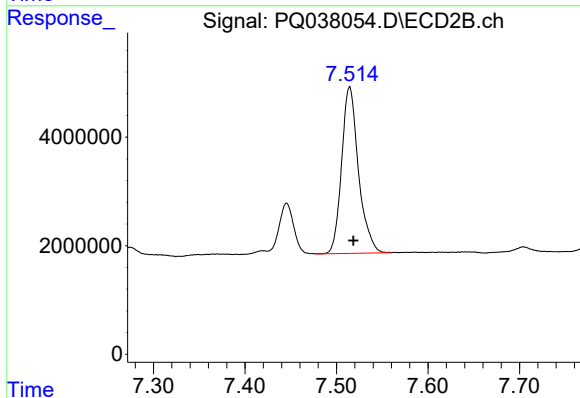
R.T.: 7.446 min
Delta R.T.: -0.005 min
Response: 10883284
Conc: 73.63 ng/ml



#39 AR-1262-4

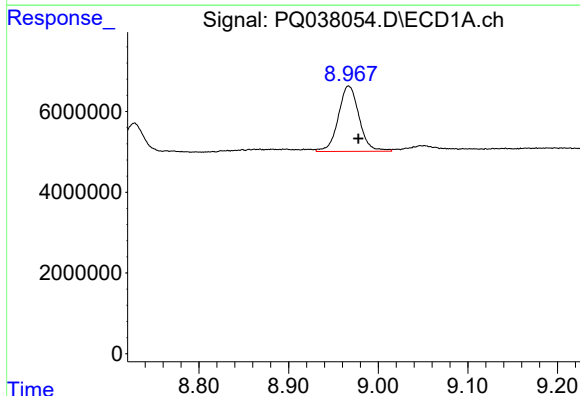
R.T.: 8.369 min
Delta R.T.: -0.012 min
Response: 34469962
Conc: 99.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



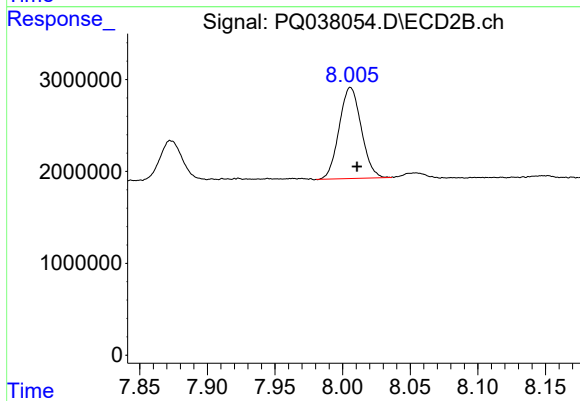
#39 AR-1262-4

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 39270404
Conc: 146.40 ng/ml



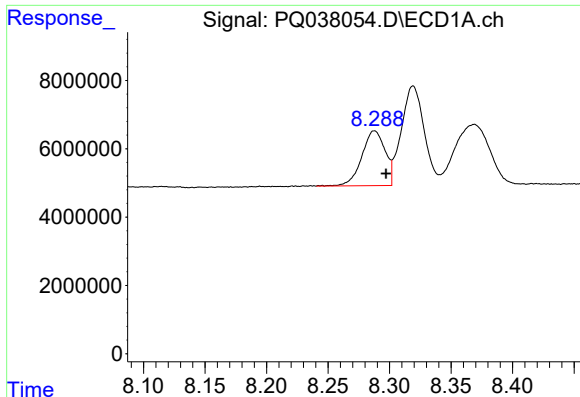
#40 AR-1262-5

R.T.: 8.967 min
Delta R.T.: -0.011 min
Response: 26081235
Conc: 109.15 ng/ml



#40 AR-1262-5

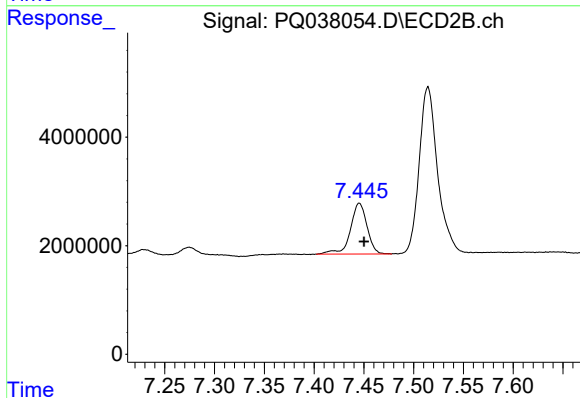
R.T.: 8.006 min
Delta R.T.: -0.005 min
Response: 11266709
Conc: 99.02 ng/ml



#41 AR-1268-1

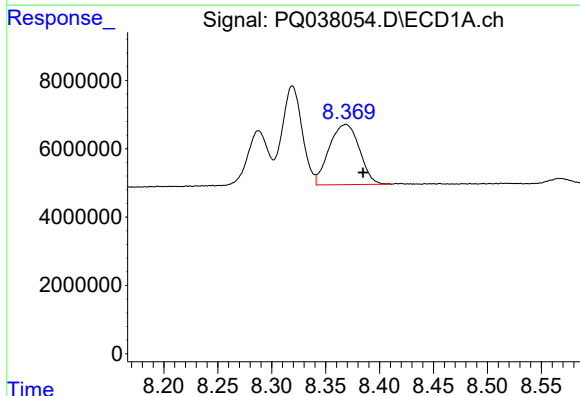
R.T.: 8.288 min
Delta R.T.: -0.009 min
Response: 21124896
Conc: 25.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



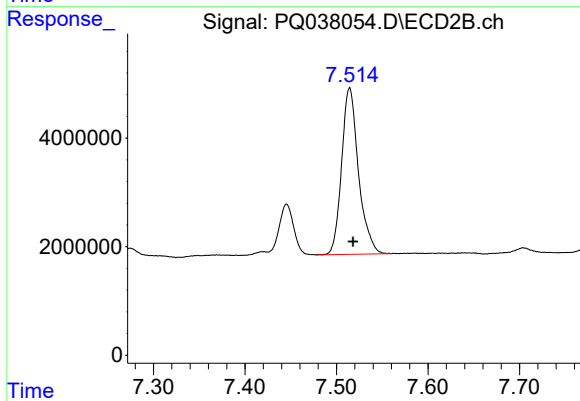
#41 AR-1268-1

R.T.: 7.446 min
Delta R.T.: -0.005 min
Response: 10883284
Conc: 26.90 ng/ml



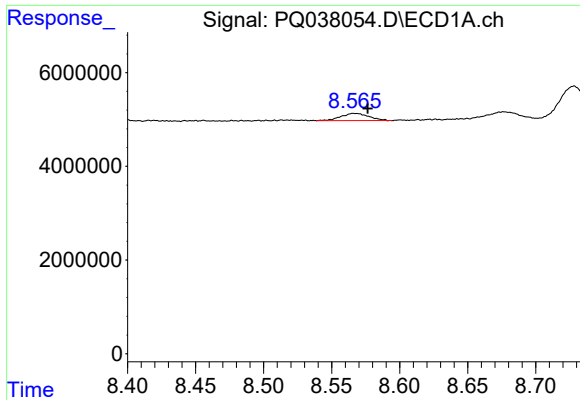
#42 AR-1268-2

R.T.: 8.369 min
Delta R.T.: -0.016 min
Response: 34469962
Conc: 46.16 ng/ml



#42 AR-1268-2

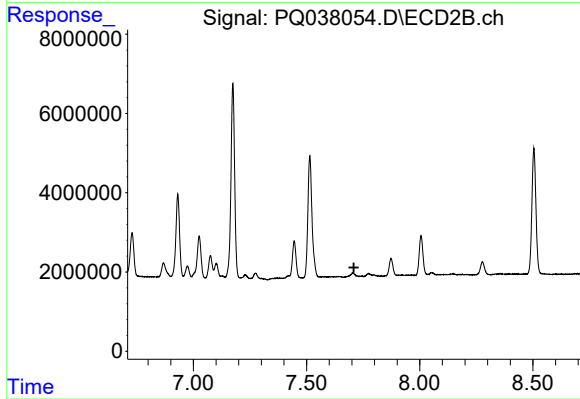
R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 39270404
Conc: 104.89 ng/ml



#43 AR-1268-3

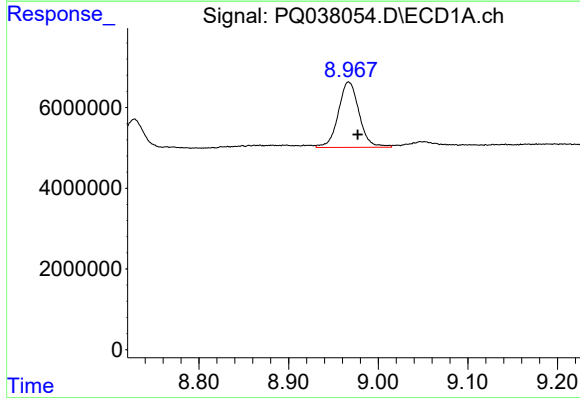
R.T.: 8.567 min
Delta R.T.: -0.010 min
Response: 2232249
Conc: 3.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



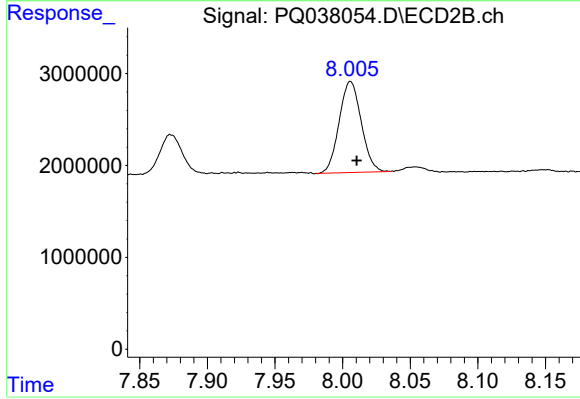
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.709 min
Response: 0
Conc: N.D.



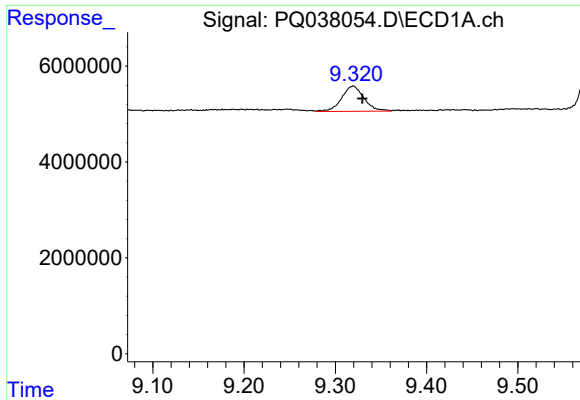
#44 AR-1268-4

R.T.: 8.967 min
Delta R.T.: -0.010 min
Response: 26081235
Conc: 100.76 ng/ml



#44 AR-1268-4

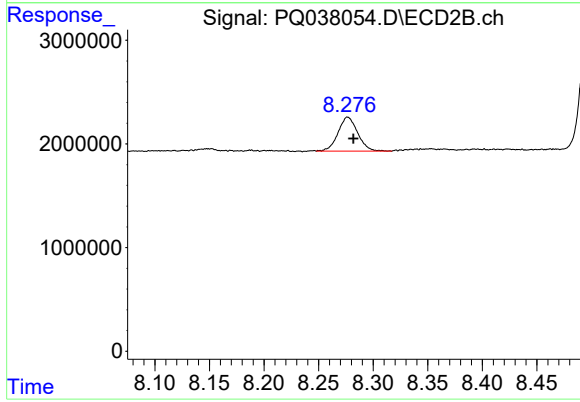
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 11266709
Conc: 90.20 ng/ml



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: -0.010 min
Response: 9066802
Conc: 4.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 4119888
Conc: 4.35 ng/ml