

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 21:35
 Operator : SM\SJ
 Sample : K1882-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:50:39 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	3.637	119.5E6	62936789	20.545	20.378
2)	SA Decachlor...	9.594	8.505	87121290	41640375	18.070	18.600
Target Compounds							
3)	L1 AR-1016-1	5.320	4.691	56636855	33966928	281.419	301.893
4)	L1 AR-1016-2	5.342	4.707	84817842	40348273	270.269	238.194
5)	L1 AR-1016-3	5.402	4.882	43913080	34002758	241.110	394.496 #
6)	L1 AR-1016-4	5.497	4.919	60975012	43563117	407.599	629.723 #
7)	L1 AR-1016-5	5.782	5.129	105.9E6	63306908	729.365	726.264
8)	L2 AR-1221-1	4.389	3.841	3716266	1888656	58.569	55.050
9)	L2 AR-1221-2	4.479	3.927	5645719	2848675	122.044	111.013
10)	L2 AR-1221-3	4.553	4.000	21575649	11125981	141.166	130.068
11)	L3 AR-1232-1	4.553	4.000	21575649	11125981	173.362	165.973
12)	L3 AR-1232-2	5.061	4.707	90533042	40348273	1537.452	570.670 #
13)	L3 AR-1232-3	5.342	4.882	84817842	34002758	686.773	1017.087 #
14)	L3 AR-1232-4	5.497	4.958	60975012	46637816	1046.898	1620.598 #
15)	L3 AR-1232-5	5.581	5.129	86592154	63306908	2025.570	1997.140
16)	L4 AR-1242-1	5.320	4.691	56636855	33966928	344.664	370.165
17)	L4 AR-1242-2	5.342	4.707	84817842	40348273	332.404	288.759
18)	L4 AR-1242-3	5.402	4.882	43913080	34002758	297.748	492.028 #
19)	L4 AR-1242-4	5.497	4.958	60975012	46637816	498.130	730.639 #
20)	L4 AR-1242-5	6.215	5.471	43138003	40556237	315.717	469.192 #
21)	L5 AR-1248-1	5.320	4.691	56636855	33966928	357.607	368.268
22)	L5 AR-1248-2	5.581	4.919	86592154	43563117	395.614	363.731
23)	L5 AR-1248-3	5.782	4.958	105.9E6	46637816	431.036	384.290
24)	L5 AR-1248-4	6.178	5.129	44782932	63306908	160.106	425.744 #
25)	L5 AR-1248-5	6.215	5.511	43138003	23116516	162.728	158.923
26)	L6 AR-1254-1	6.147	5.471	51247054	40556237	260.852	263.287
27)	L6 AR-1254-2	6.358	5.614	58127801	16857143	189.653	129.924 #
28)	L6 AR-1254-3	6.725	6.017	22038633	28117397	70.771	132.931 #
29)	L6 AR-1254-4	7.003	6.236	9982145	3294766	39.324	20.543 #
30)	L6 AR-1254-5	7.416	6.643	84752585	45970209	287.232	264.259
31)	L7 AR-1260-1	6.877	6.134	58778253	36382362	226.972	234.420
32)	L7 AR-1260-2	7.129	6.321	75454101	41878926	218.900	221.970
33)	L7 AR-1260-3	7.479	6.470	50074117	37856503	176.551	222.304 #
34)	L7 AR-1260-4	7.709	6.931	50866246	26304707	188.943	188.619
35)	L7 AR-1260-5	8.013	7.175	114.1E6	63717151	181.058	192.116
36)	L8 AR-1262-1	7.537	6.674	24943685	29570400	161.513	139.996
37)	L8 AR-1262-2	8.013	7.175	114.1E6	63717151	162.613	169.538
38)	L8 AR-1262-3	8.288	7.446	23135105	11691982	77.188	79.103
39)	L8 AR-1262-4	8.364	7.514	38430935	44191530	110.817	164.741 #
40)	L8 AR-1262-5	8.968	8.006	27152229	11943641	113.633	104.971
41)	L9 AR-1268-1	8.288	7.446	23135105	11691982	28.108	28.899

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032119\
 Data File : PQ038058.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2019 21:35
 Operator : SM\SJ
 Sample : K1882-10MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

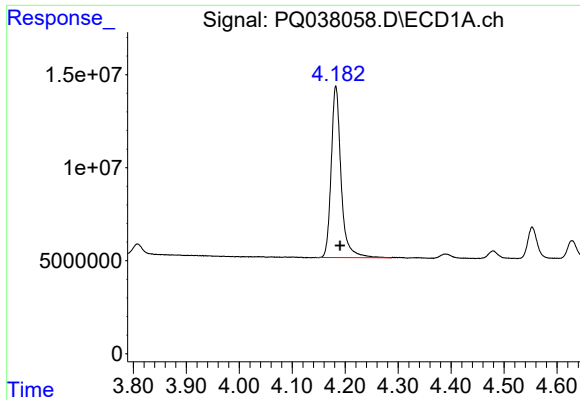
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 08:50:39 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
42) L9	AR-1268-2	8.364	7.514	38430935	44191530	51.462	118.036 #
43) L9	AR-1268-3	8.565	7.705	3407970	1573824	5.197	5.204
44) L9	AR-1268-4	8.968	8.006	27152229	11943641	104.893	95.623
45) L9	AR-1268-5	9.318	8.277	9073519	3870955	4.648	4.092

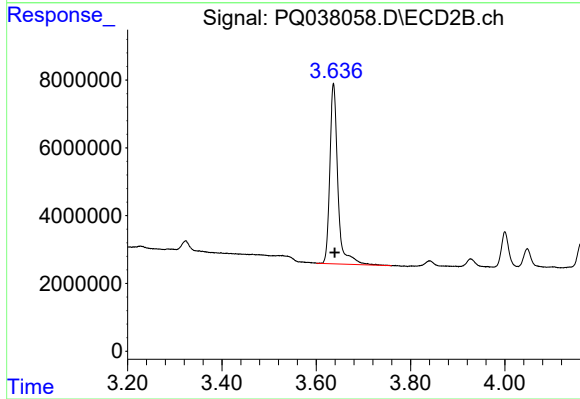
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

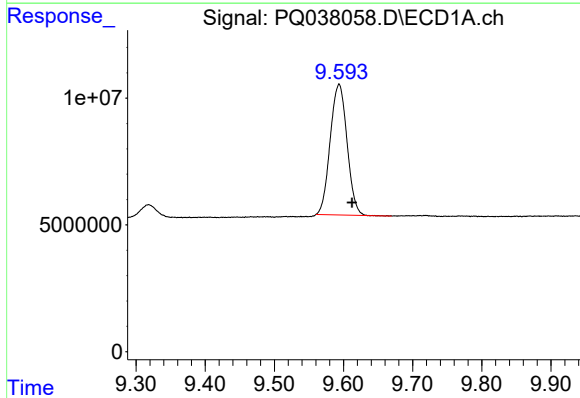
R.T.: 4.182 min
Delta R.T.: -0.008 min
Response: 119543280
Conc: 20.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



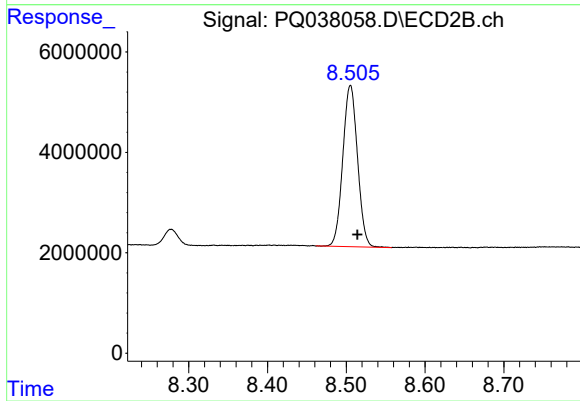
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: -0.002 min
Response: 62936789
Conc: 20.38 ng/ml



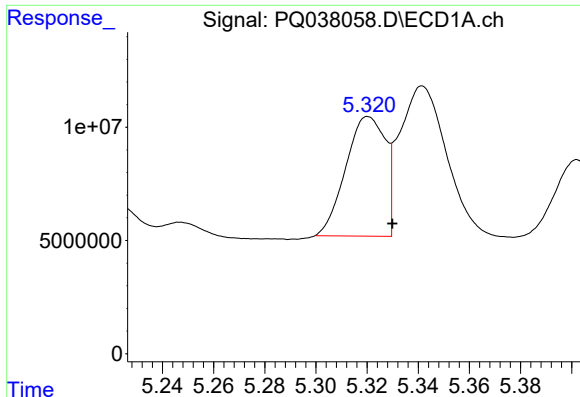
#2 Decachlorobiphenyl

R.T.: 9.594 min
Delta R.T.: -0.019 min
Response: 87121290
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

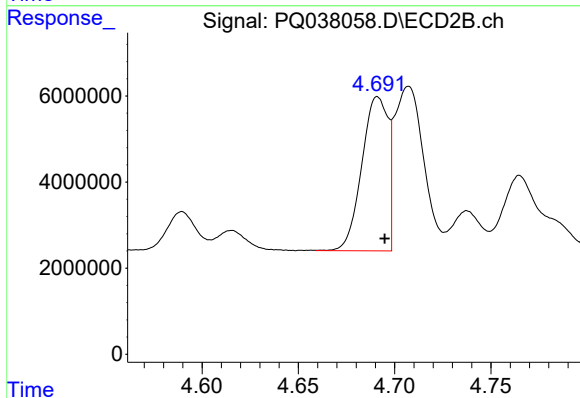
R.T.: 8.505 min
Delta R.T.: -0.009 min
Response: 41640375
Conc: 18.60 ng/ml



#3 AR-1016-1

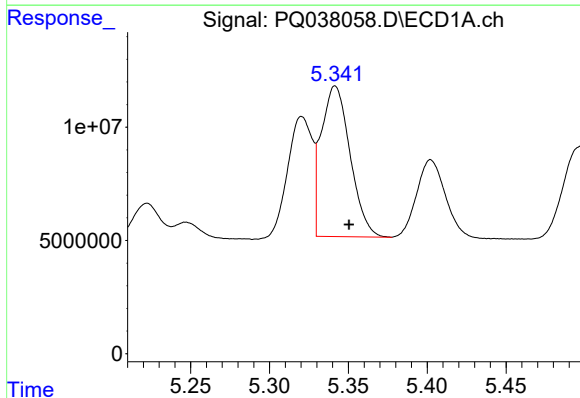
R.T.: 5.320 min
Delta R.T.: -0.009 min
Response: 56636855
Conc: 281.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



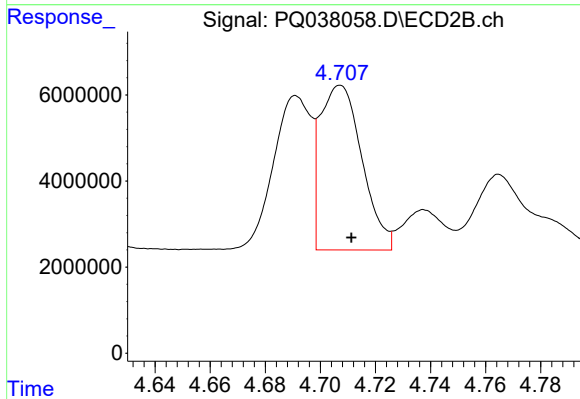
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: -0.004 min
Response: 33966928
Conc: 301.89 ng/ml



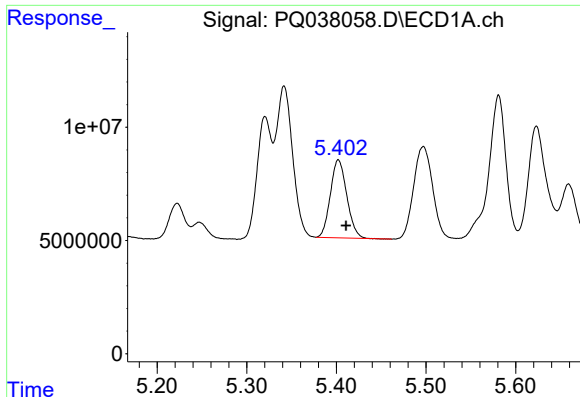
#4 AR-1016-2

R.T.: 5.342 min
Delta R.T.: -0.009 min
Response: 84817842
Conc: 270.27 ng/ml



#4 AR-1016-2

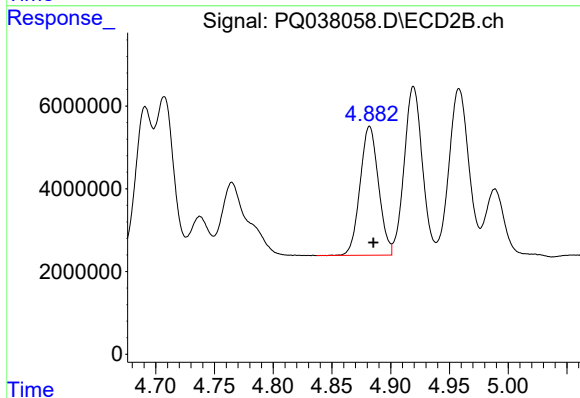
R.T.: 4.707 min
Delta R.T.: -0.004 min
Response: 40348273
Conc: 238.19 ng/ml



#5 AR-1016-3

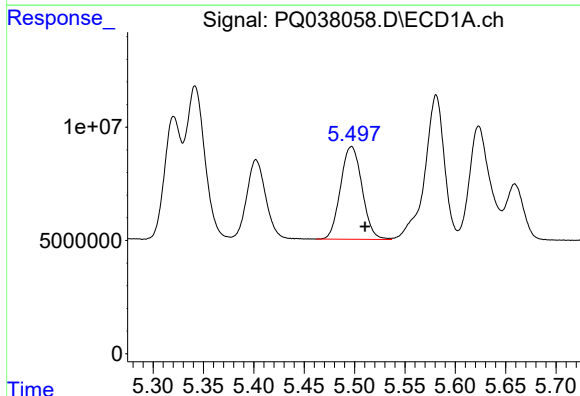
R.T.: 5.402 min
Delta R.T.: -0.008 min
Response: 43913080
Conc: 241.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



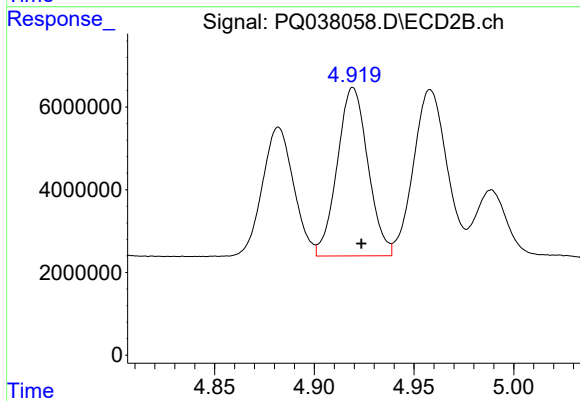
#5 AR-1016-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 34002758
Conc: 394.50 ng/ml



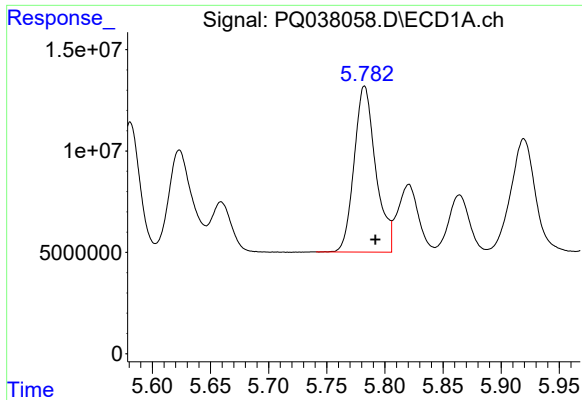
#6 AR-1016-4

R.T.: 5.497 min
Delta R.T.: -0.013 min
Response: 60975012
Conc: 407.60 ng/ml



#6 AR-1016-4

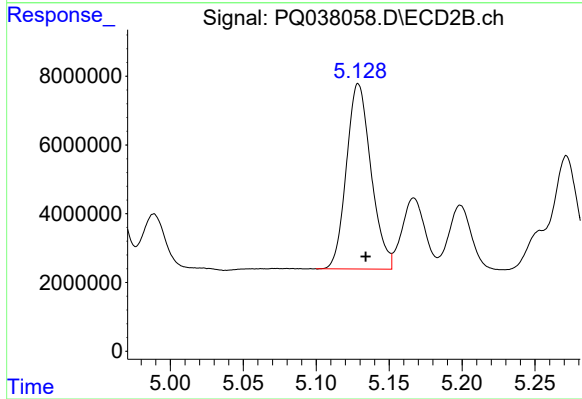
R.T.: 4.919 min
Delta R.T.: -0.004 min
Response: 43563117
Conc: 629.72 ng/ml



#7 AR-1016-5

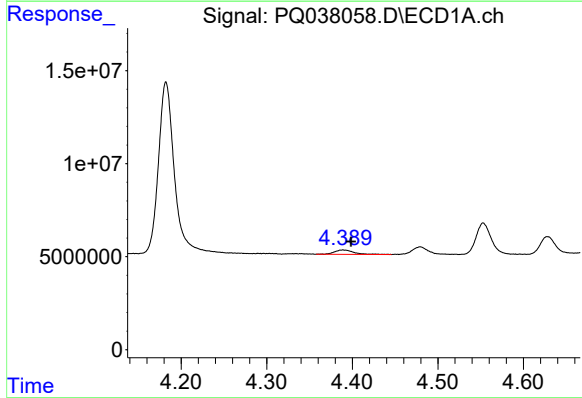
R.T.: 5.782 min
Delta R.T.: -0.009 min
Response: 105898204
Conc: 729.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



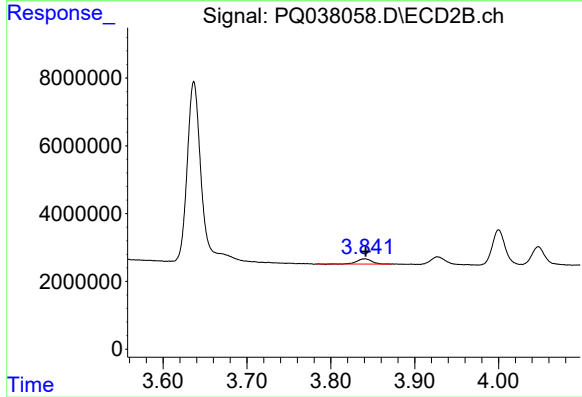
#7 AR-1016-5

R.T.: 5.129 min
Delta R.T.: -0.005 min
Response: 63306908
Conc: 726.26 ng/ml



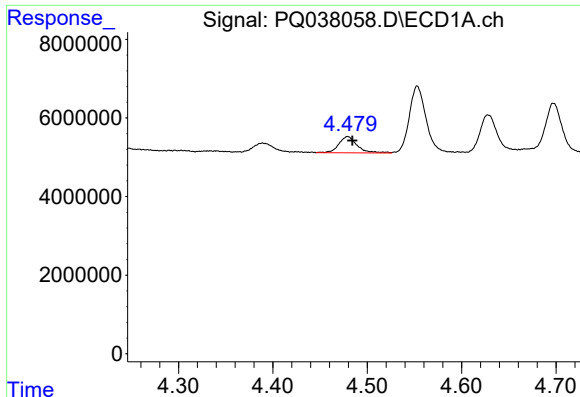
#8 AR-1221-1

R.T.: 4.389 min
Delta R.T.: -0.009 min
Response: 3716266
Conc: 58.57 ng/ml



#8 AR-1221-1

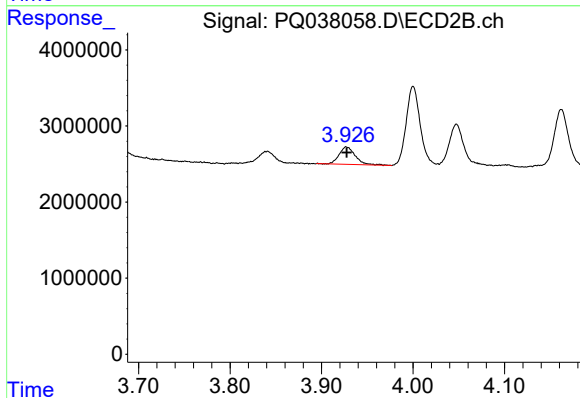
R.T.: 3.841 min
Delta R.T.: -0.001 min
Response: 1888656
Conc: 55.05 ng/ml



#9 AR-1221-2

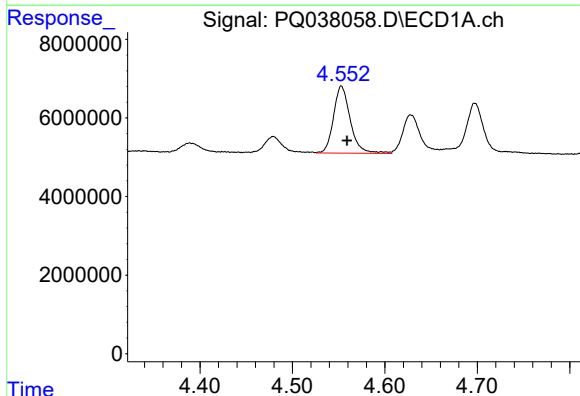
R.T.: 4.479 min
Delta R.T.: -0.005 min
Response: 5645719
Conc: 122.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



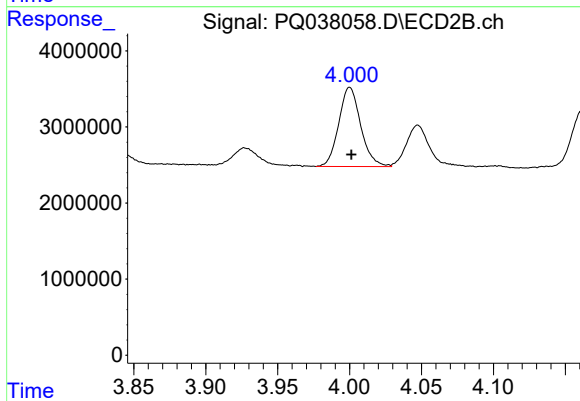
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 2848675
Conc: 111.01 ng/ml



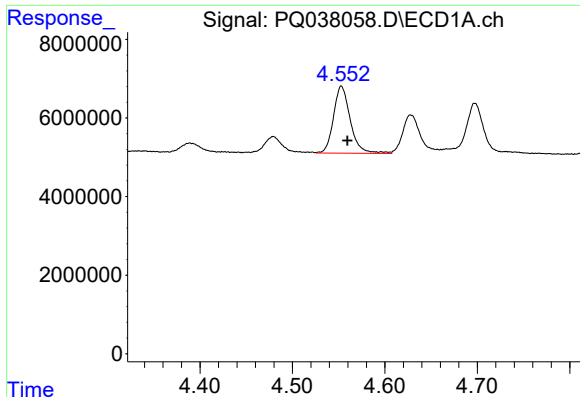
#10 AR-1221-3

R.T.: 4.553 min
Delta R.T.: -0.006 min
Response: 21575649
Conc: 141.17 ng/ml



#10 AR-1221-3

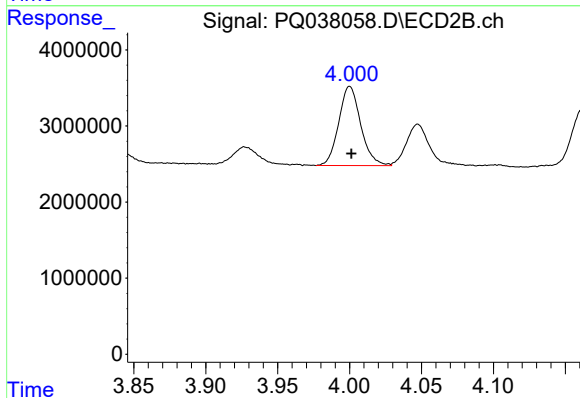
R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 11125981
Conc: 130.07 ng/ml



#11 AR-1232-1

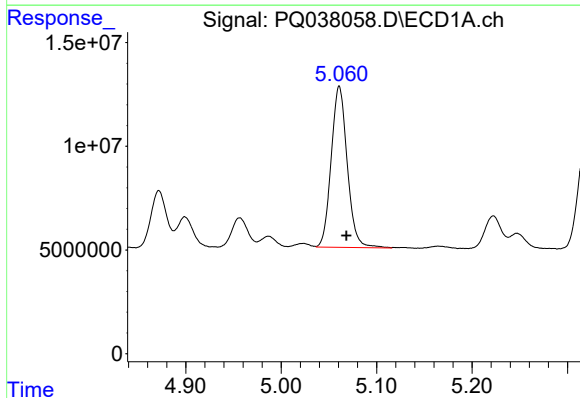
R.T.: 4.553 min
Delta R.T.: -0.006 min
Response: 21575649
Conc: 173.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



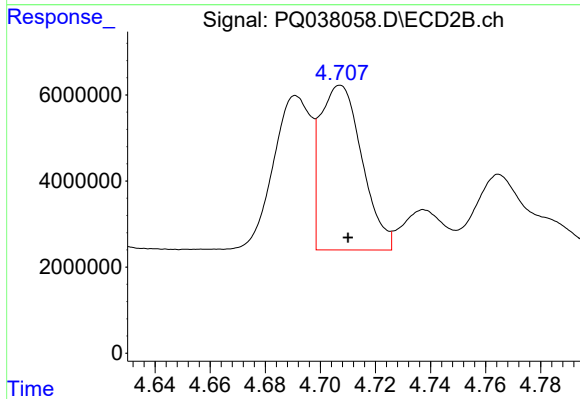
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 11125981
Conc: 165.97 ng/ml



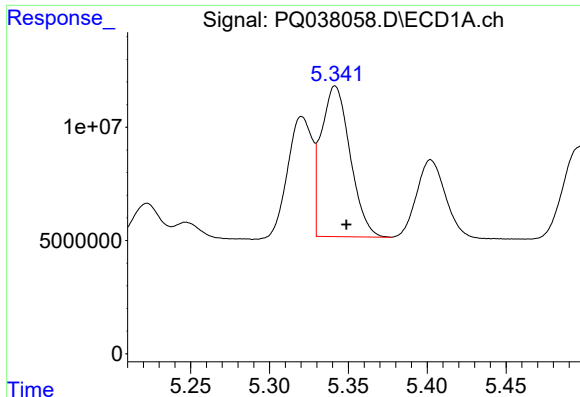
#12 AR-1232-2

R.T.: 5.061 min
Delta R.T.: -0.008 min
Response: 90533042
Conc: 1537.45 ng/ml



#12 AR-1232-2

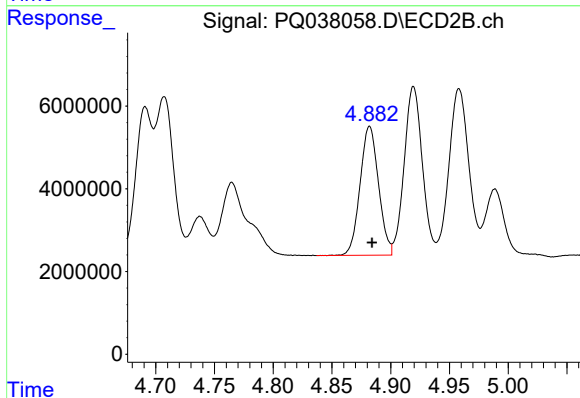
R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 40348273
Conc: 570.67 ng/ml



#13 AR-1232-3

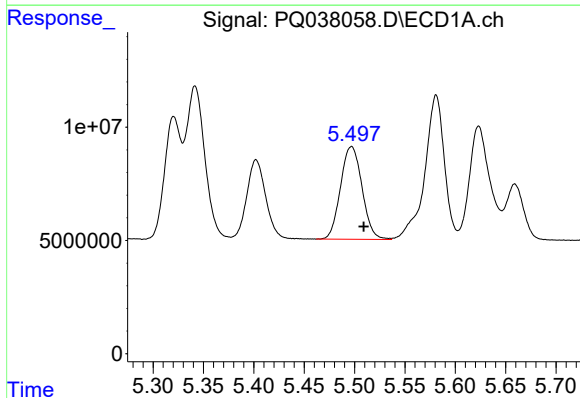
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 84817842
Conc: 686.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



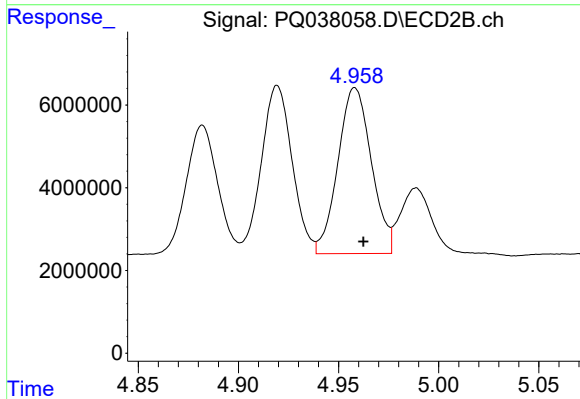
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 34002758
Conc: 1017.09 ng/ml



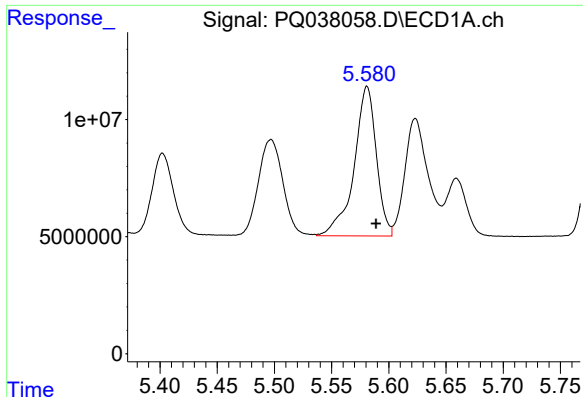
#14 AR-1232-4

R.T.: 5.497 min
Delta R.T.: -0.012 min
Response: 60975012
Conc: 1046.90 ng/ml



#14 AR-1232-4

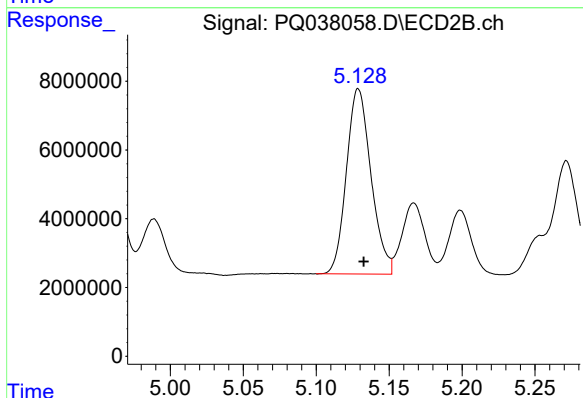
R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 46637816
Conc: 1620.60 ng/ml



#15 AR-1232-5

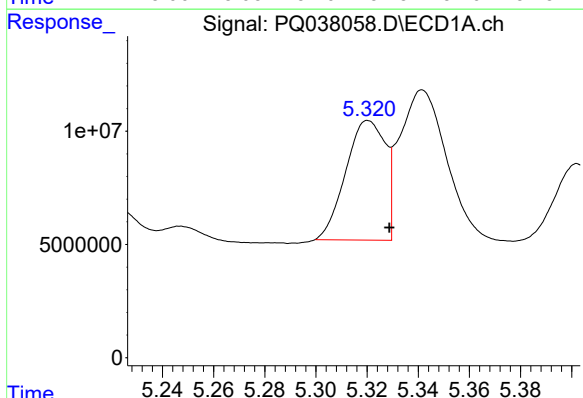
R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 86592154
Conc: 2025.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



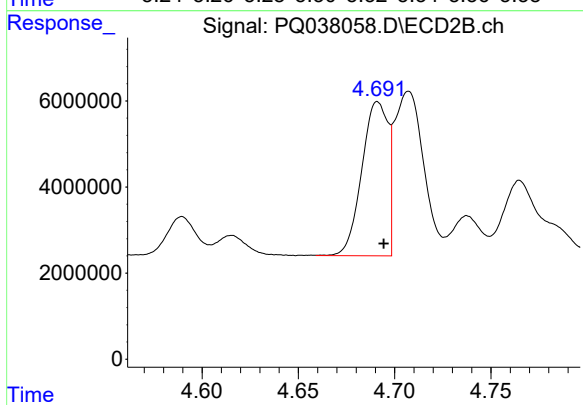
#15 AR-1232-5

R.T.: 5.129 min
Delta R.T.: -0.004 min
Response: 63306908
Conc: 1997.14 ng/ml



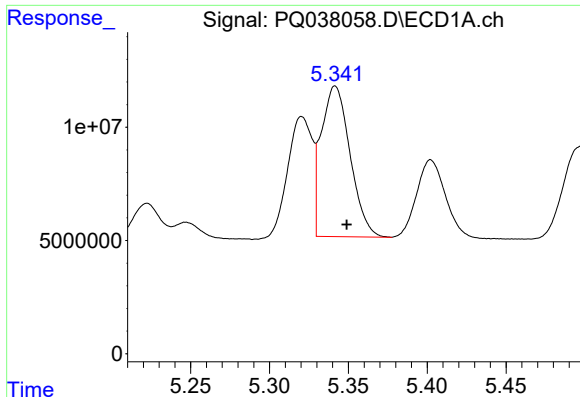
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: -0.008 min
Response: 56636855
Conc: 344.66 ng/ml



#16 AR-1242-1

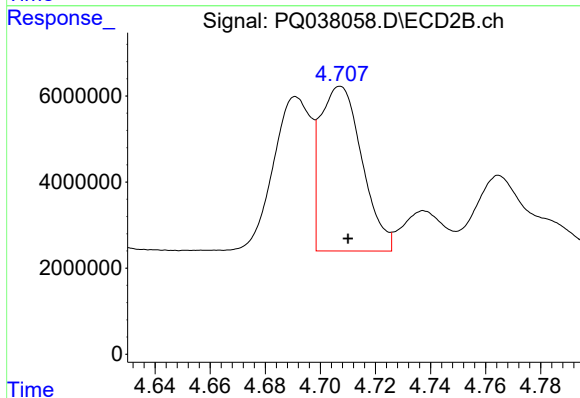
R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 33966928
Conc: 370.17 ng/ml



#17 AR-1242-2

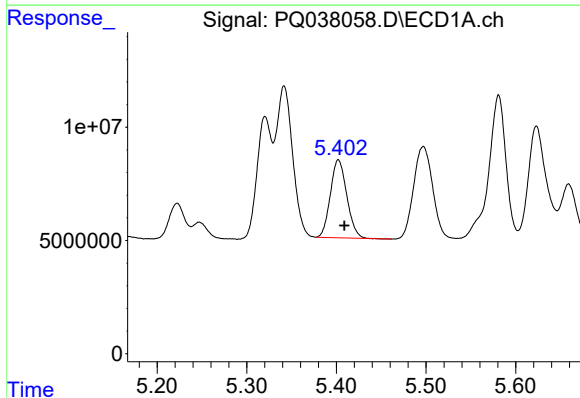
R.T.: 5.342 min
Delta R.T.: -0.007 min
Response: 84817842
Conc: 332.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



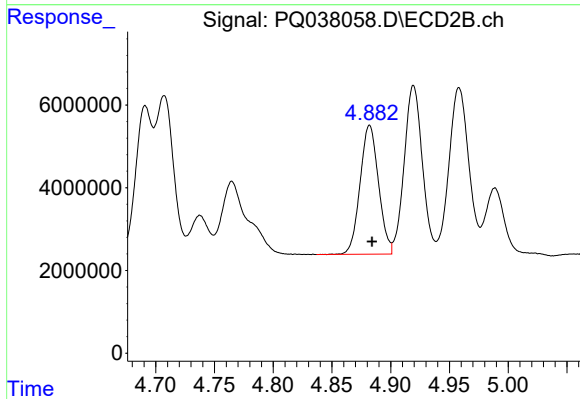
#17 AR-1242-2

R.T.: 4.707 min
Delta R.T.: -0.003 min
Response: 40348273
Conc: 288.76 ng/ml



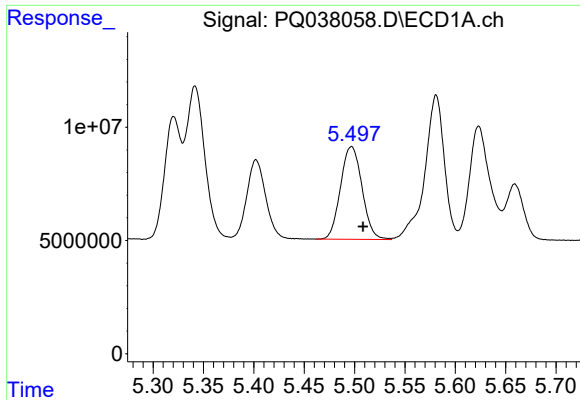
#18 AR-1242-3

R.T.: 5.402 min
Delta R.T.: -0.007 min
Response: 43913080
Conc: 297.75 ng/ml



#18 AR-1242-3

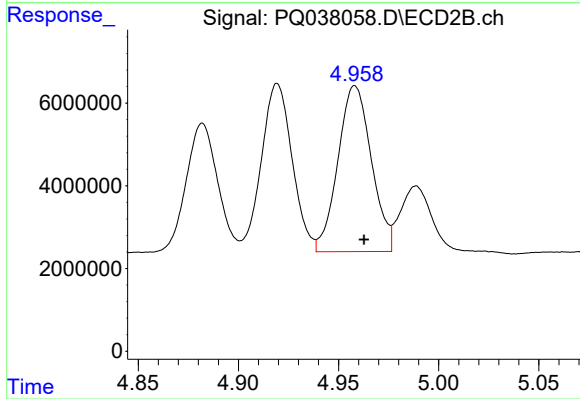
R.T.: 4.882 min
Delta R.T.: -0.002 min
Response: 34002758
Conc: 492.03 ng/ml



#19 AR-1242-4

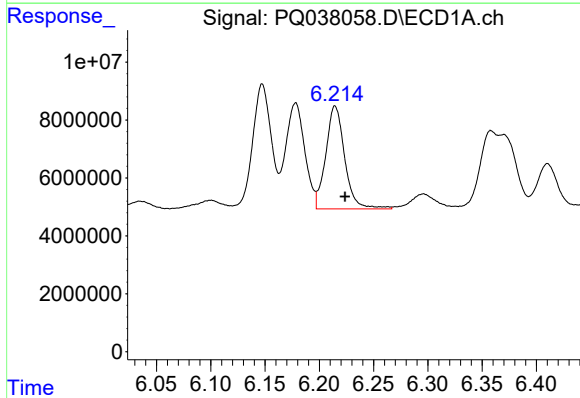
R.T.: 5.497 min
Delta R.T.: -0.011 min
Response: 60975012
Conc: 498.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



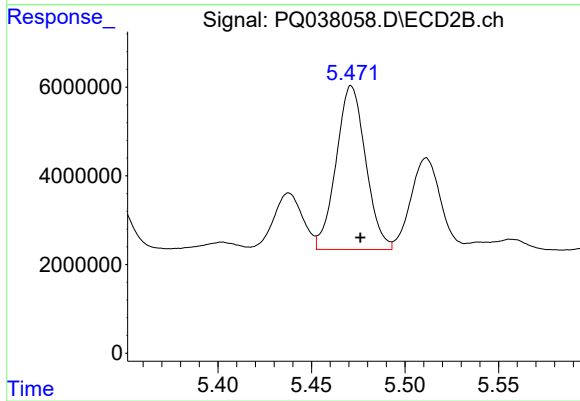
#19 AR-1242-4

R.T.: 4.958 min
Delta R.T.: -0.004 min
Response: 46637816
Conc: 730.64 ng/ml



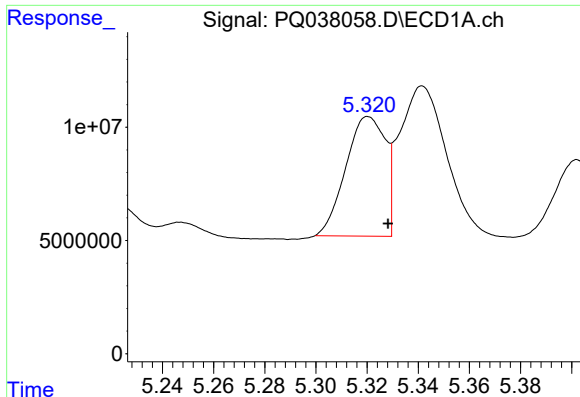
#20 AR-1242-5

R.T.: 6.215 min
Delta R.T.: -0.009 min
Response: 43138003
Conc: 315.72 ng/ml



#20 AR-1242-5

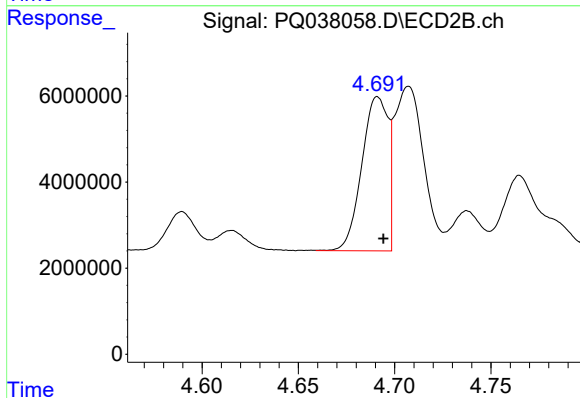
R.T.: 5.471 min
Delta R.T.: -0.005 min
Response: 40556237
Conc: 469.19 ng/ml



#21 AR-1248-1

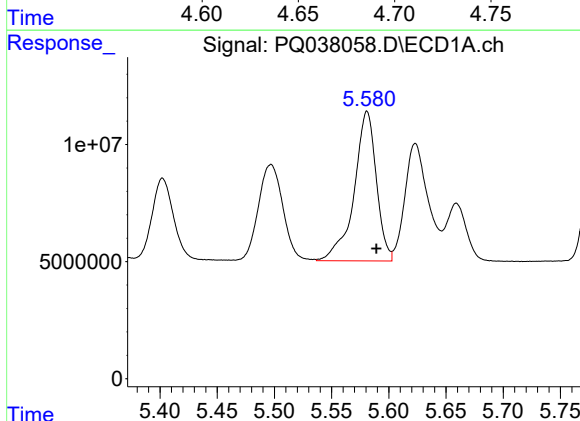
R.T.: 5.320 min
Delta R.T.: -0.008 min
Response: 56636855
Conc: 357.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



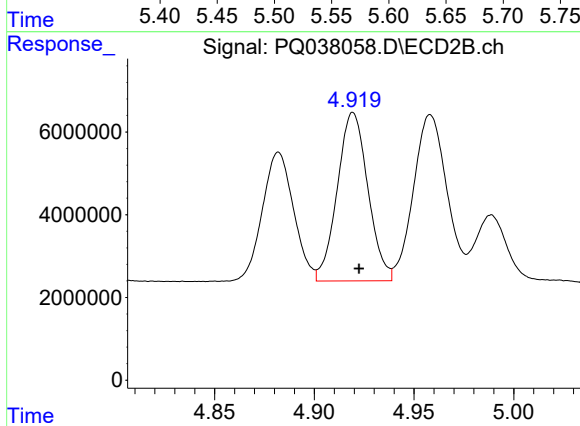
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 33966928
Conc: 368.27 ng/ml



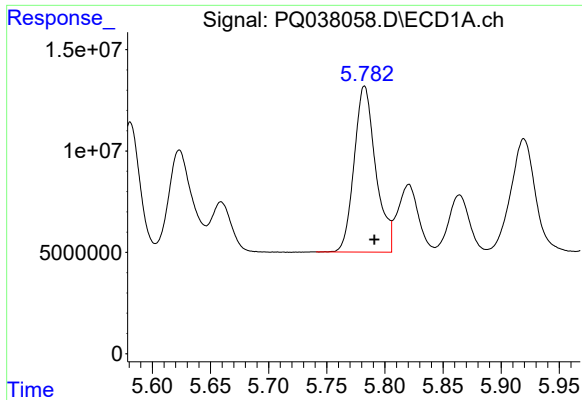
#22 AR-1248-2

R.T.: 5.581 min
Delta R.T.: -0.008 min
Response: 86592154
Conc: 395.61 ng/ml



#22 AR-1248-2

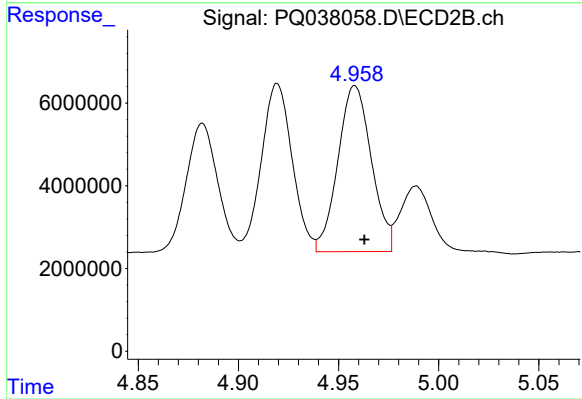
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 43563117
Conc: 363.73 ng/ml



#23 AR-1248-3

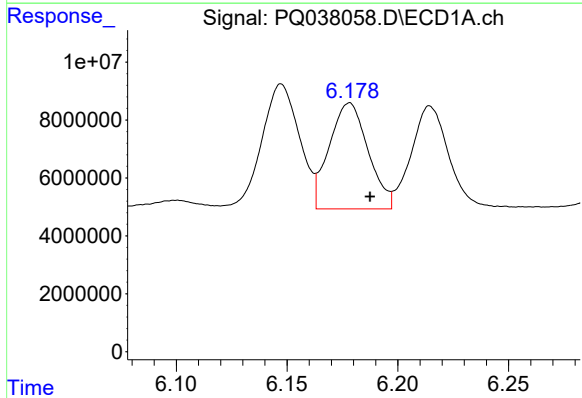
R.T.: 5.782 min
Delta R.T.: -0.008 min
Response: 105898204
Conc: 431.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



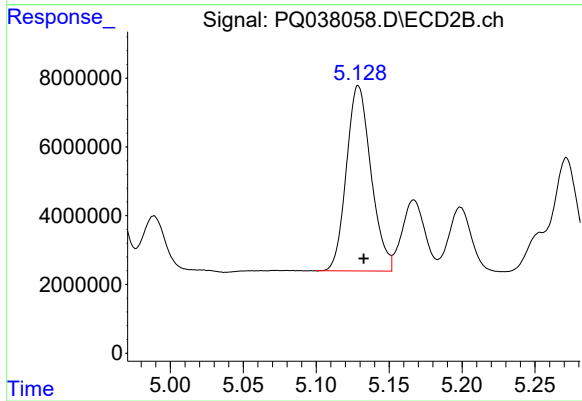
#23 AR-1248-3

R.T.: 4.958 min
Delta R.T.: -0.005 min
Response: 46637816
Conc: 384.29 ng/ml



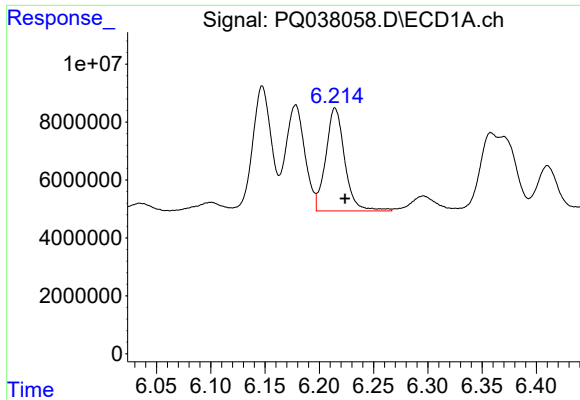
#24 AR-1248-4

R.T.: 6.178 min
Delta R.T.: -0.009 min
Response: 44782932
Conc: 160.11 ng/ml



#24 AR-1248-4

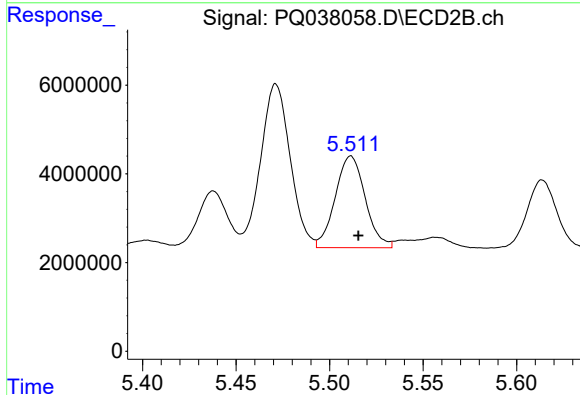
R.T.: 5.129 min
Delta R.T.: -0.004 min
Response: 63306908
Conc: 425.74 ng/ml



#25 AR-1248-5

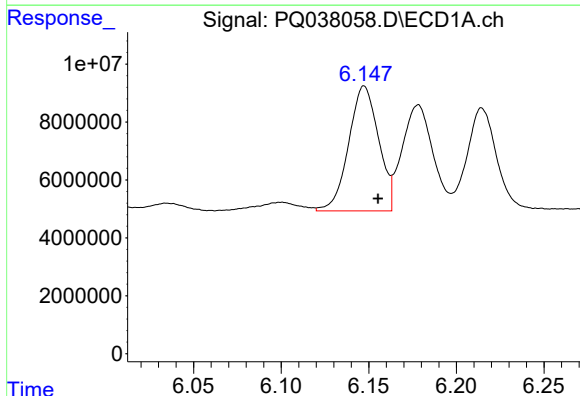
R.T.: 6.215 min
Delta R.T.: -0.009 min
Response: 43138003
Conc: 162.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



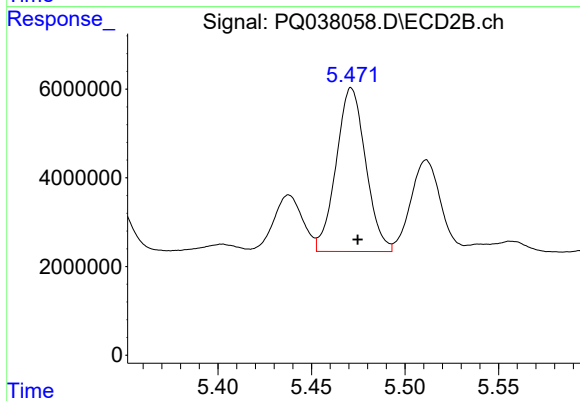
#25 AR-1248-5

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 23116516
Conc: 158.92 ng/ml



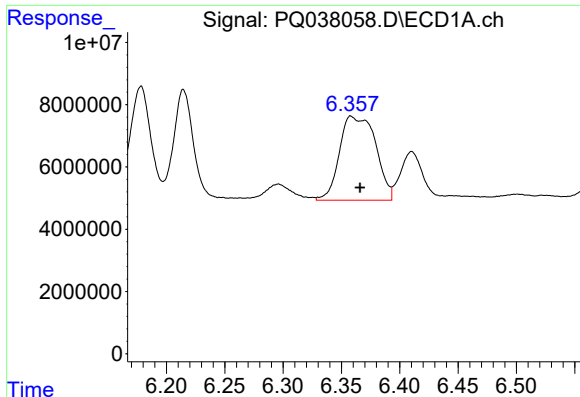
#26 AR-1254-1

R.T.: 6.147 min
Delta R.T.: -0.008 min
Response: 51247054
Conc: 260.85 ng/ml



#26 AR-1254-1

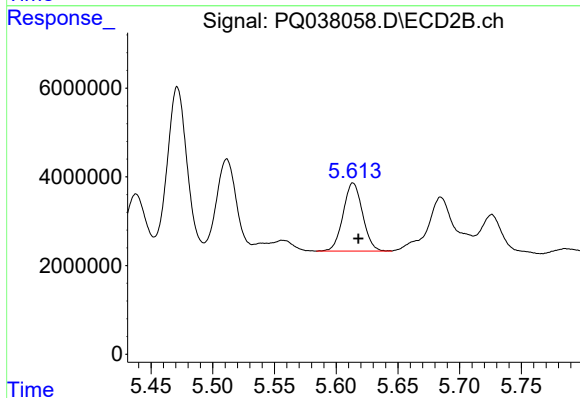
R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 40556237
Conc: 263.29 ng/ml



#27 AR-1254-2

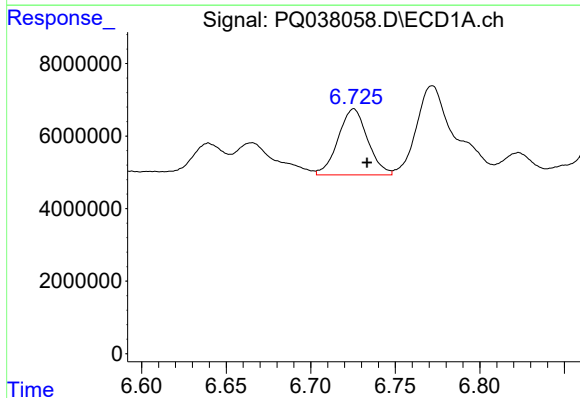
R.T.: 6.358 min
Delta R.T.: -0.008 min
Response: 58127801
Conc: 189.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



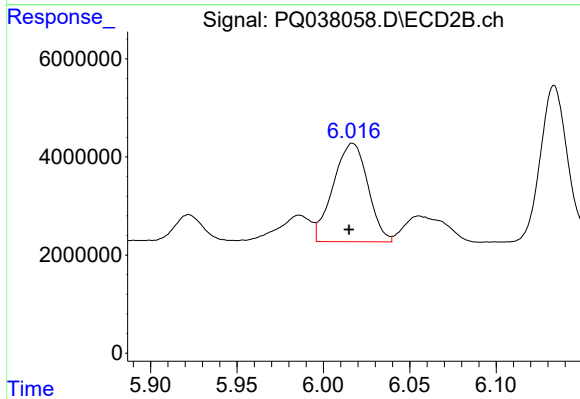
#27 AR-1254-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 16857143
Conc: 129.92 ng/ml



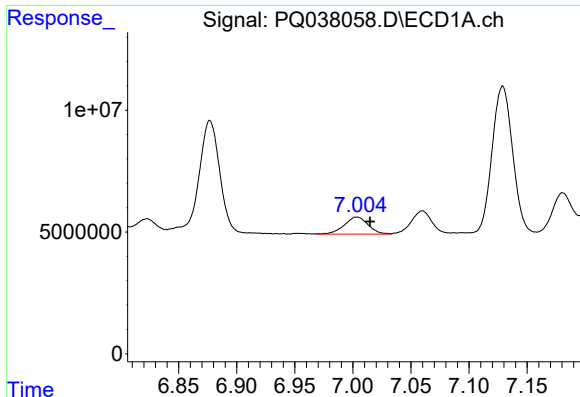
#28 AR-1254-3

R.T.: 6.725 min
Delta R.T.: -0.008 min
Response: 22038633
Conc: 70.77 ng/ml



#28 AR-1254-3

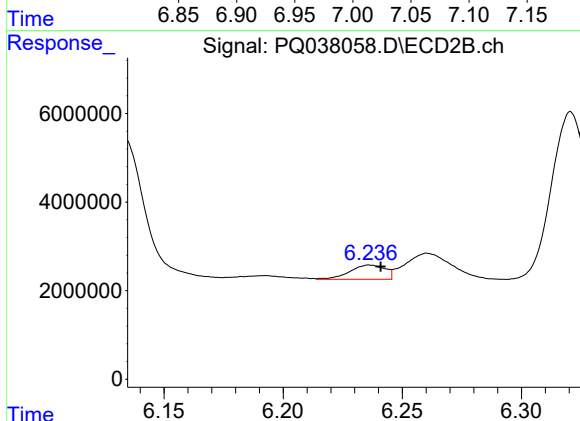
R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 28117397
Conc: 132.93 ng/ml



#29 AR-1254-4

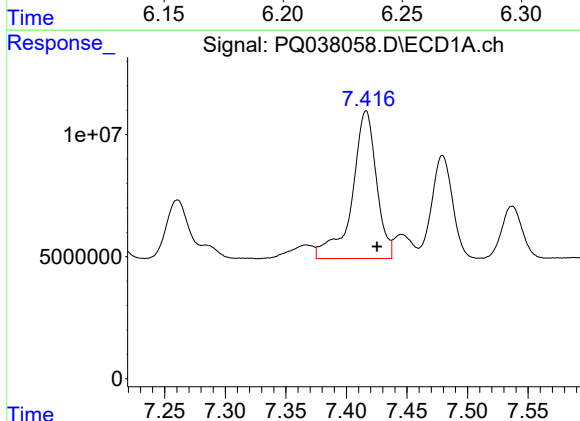
R.T.: 7.003 min
Delta R.T.: -0.011 min
Response: 9982145
Conc: 39.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



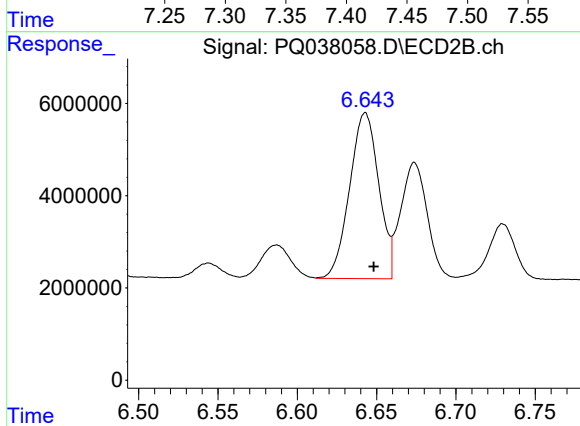
#29 AR-1254-4

R.T.: 6.236 min
Delta R.T.: -0.005 min
Response: 3294766
Conc: 20.54 ng/ml



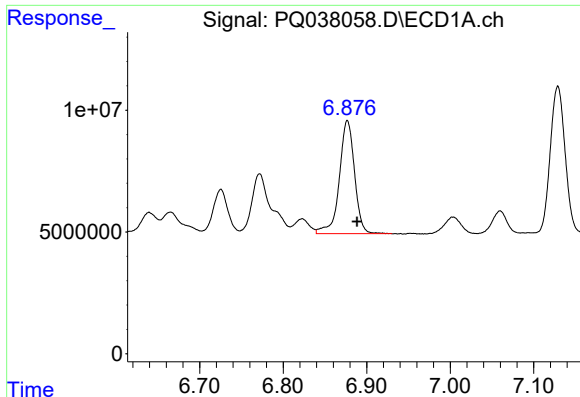
#30 AR-1254-5

R.T.: 7.416 min
Delta R.T.: -0.009 min
Response: 84752585
Conc: 287.23 ng/ml



#30 AR-1254-5

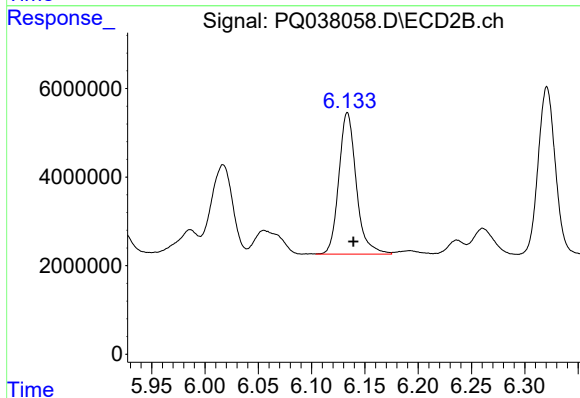
R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 45970209
Conc: 264.26 ng/ml



#31 AR-1260-1

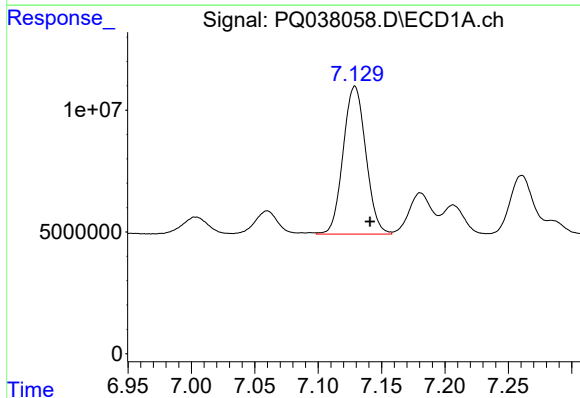
R.T.: 6.877 min
Delta R.T.: -0.012 min
Response: 58778253
Conc: 226.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



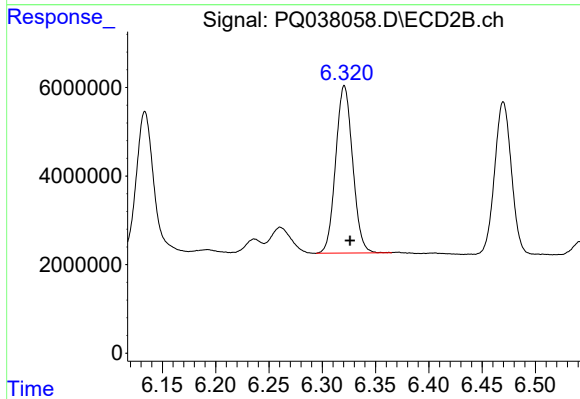
#31 AR-1260-1

R.T.: 6.134 min
Delta R.T.: -0.006 min
Response: 36382362
Conc: 234.42 ng/ml



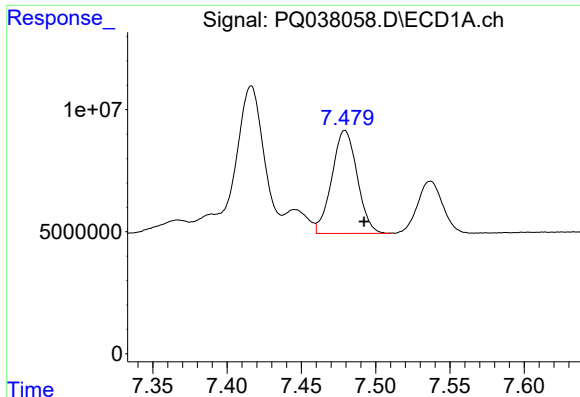
#32 AR-1260-2

R.T.: 7.129 min
Delta R.T.: -0.012 min
Response: 75454101
Conc: 218.90 ng/ml



#32 AR-1260-2

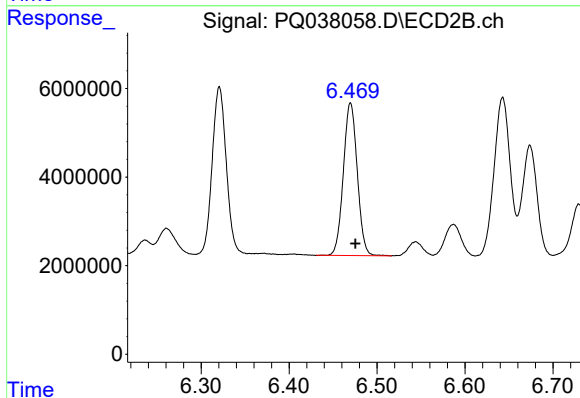
R.T.: 6.321 min
Delta R.T.: -0.005 min
Response: 41878926
Conc: 221.97 ng/ml



#33 AR-1260-3

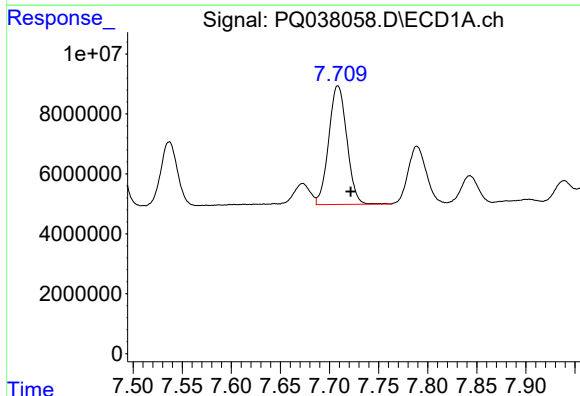
R.T.: 7.479 min
Delta R.T.: -0.013 min
Response: 50074117
Conc: 176.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



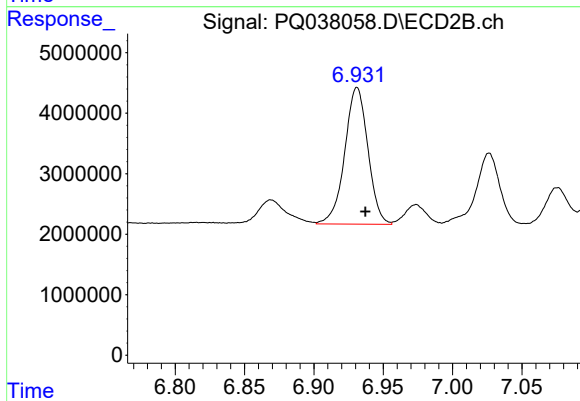
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: -0.006 min
Response: 37856503
Conc: 222.30 ng/ml



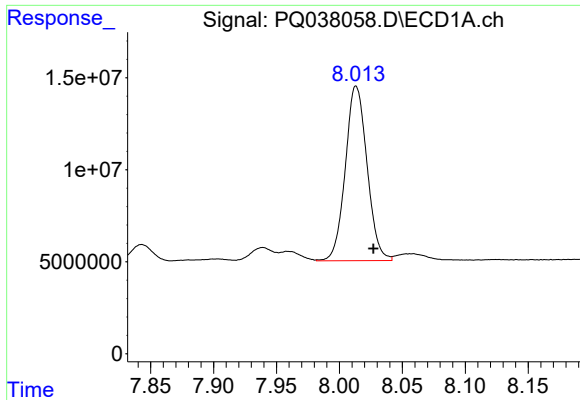
#34 AR-1260-4

R.T.: 7.709 min
Delta R.T.: -0.013 min
Response: 50866246
Conc: 188.94 ng/ml



#34 AR-1260-4

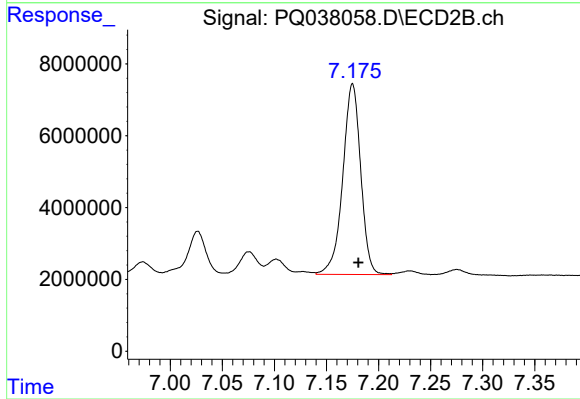
R.T.: 6.931 min
Delta R.T.: -0.006 min
Response: 26304707
Conc: 188.62 ng/ml



#35 AR-1260-5

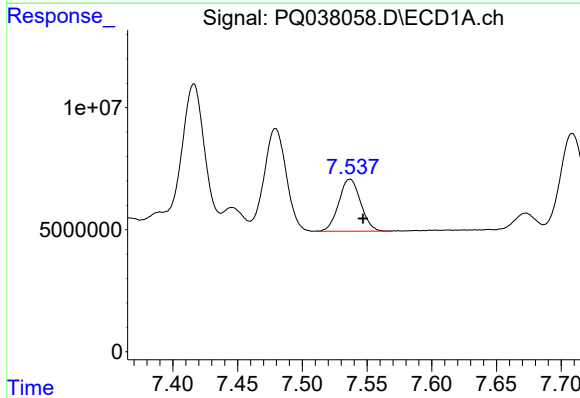
R.T.: 8.013 min
Delta R.T.: -0.014 min
Response: 114071494
Conc: 181.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



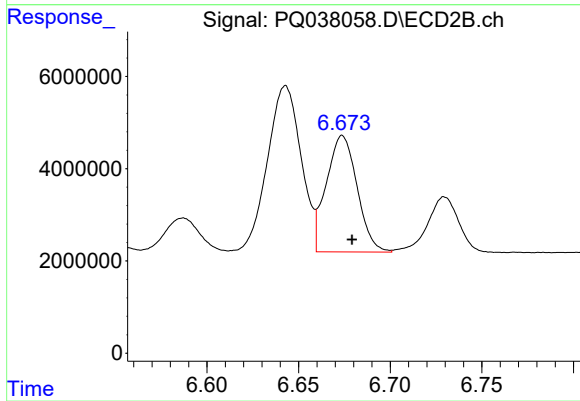
#35 AR-1260-5

R.T.: 7.175 min
Delta R.T.: -0.006 min
Response: 63717151
Conc: 192.12 ng/ml



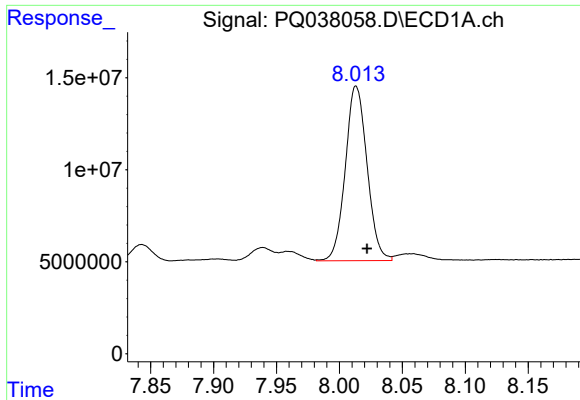
#36 AR-1262-1

R.T.: 7.537 min
Delta R.T.: -0.010 min
Response: 24943685
Conc: 161.51 ng/ml



#36 AR-1262-1

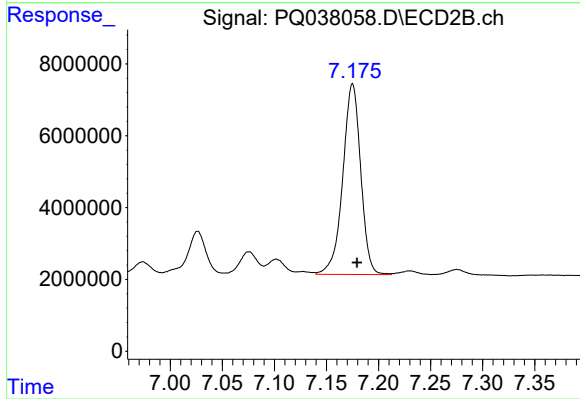
R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 29570400
Conc: 140.00 ng/ml



#37 AR-1262-2

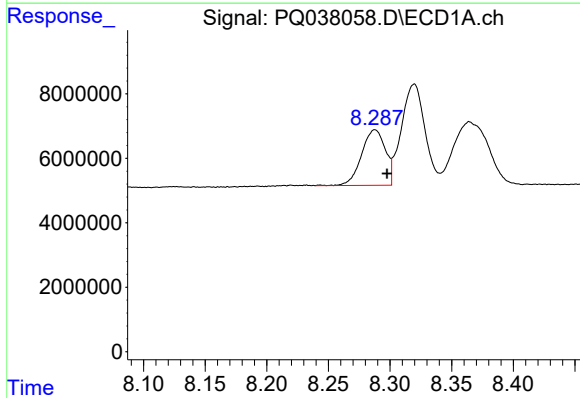
R.T.: 8.013 min
Delta R.T.: -0.009 min
Response: 114071494
Conc: 162.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



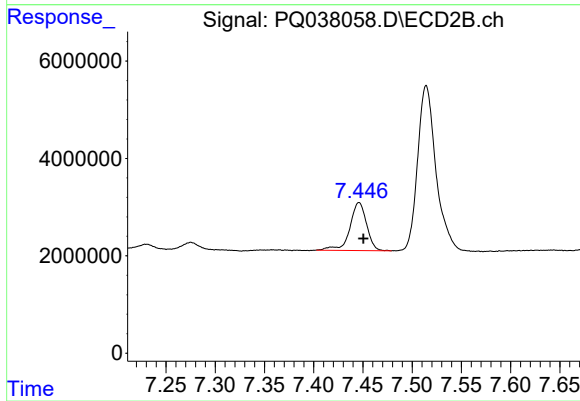
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: -0.004 min
Response: 63717151
Conc: 169.54 ng/ml



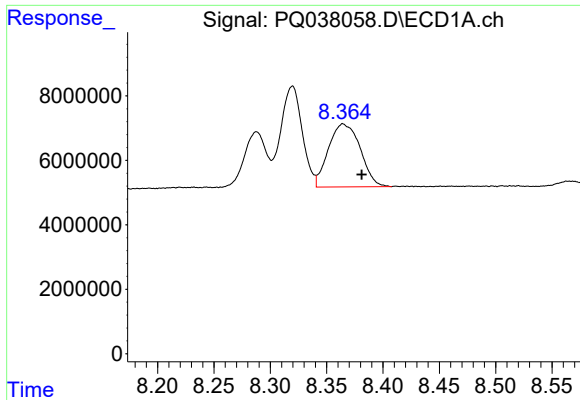
#38 AR-1262-3

R.T.: 8.288 min
Delta R.T.: -0.010 min
Response: 23135105
Conc: 77.19 ng/ml



#38 AR-1262-3

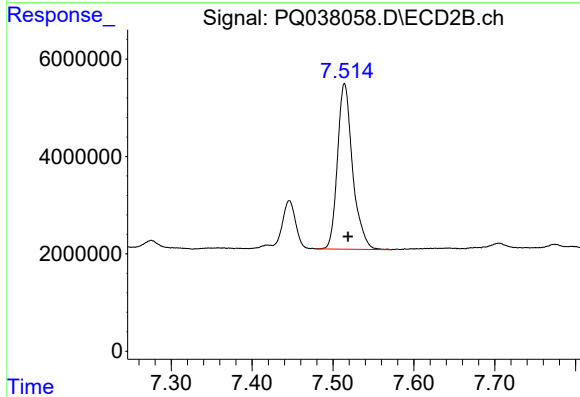
R.T.: 7.446 min
Delta R.T.: -0.004 min
Response: 11691982
Conc: 79.10 ng/ml



#39 AR-1262-4

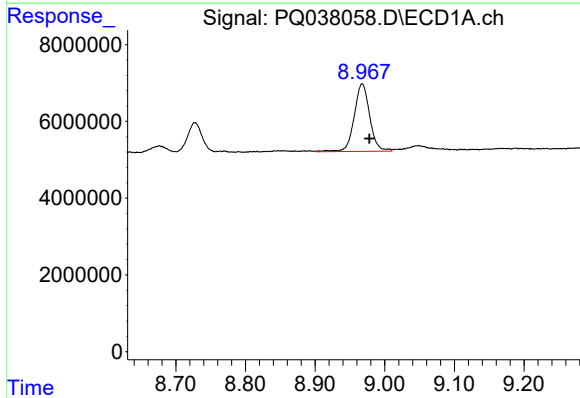
R.T.: 8.364 min
Delta R.T.: -0.017 min
Response: 38430935
Conc: 110.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



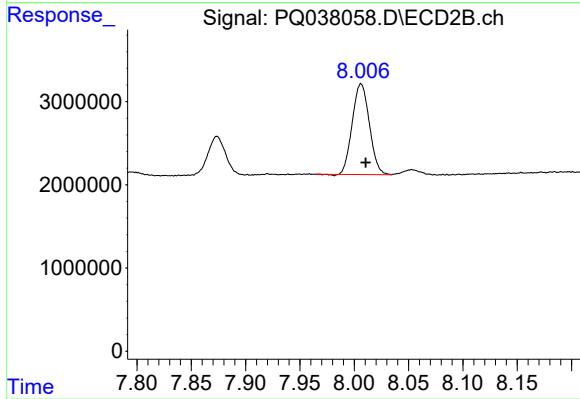
#39 AR-1262-4

R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 44191530
Conc: 164.74 ng/ml



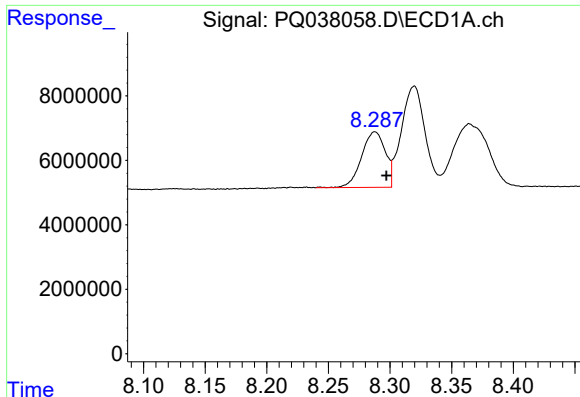
#40 AR-1262-5

R.T.: 8.968 min
Delta R.T.: -0.010 min
Response: 27152229
Conc: 113.63 ng/ml



#40 AR-1262-5

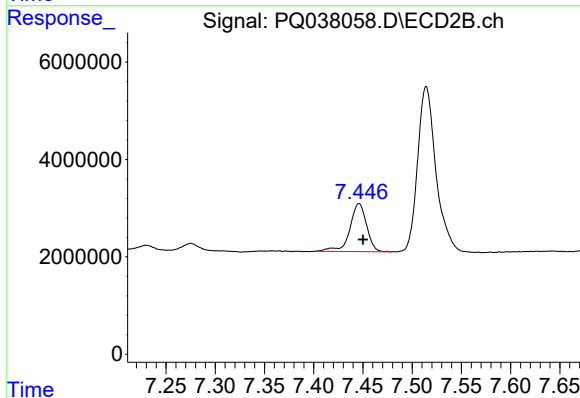
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 11943641
Conc: 104.97 ng/ml



#41 AR-1268-1

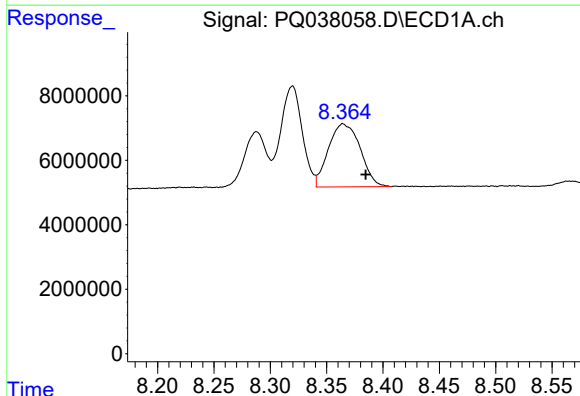
R.T.: 8.288 min
Delta R.T.: -0.009 min
Response: 23135105
Conc: 28.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



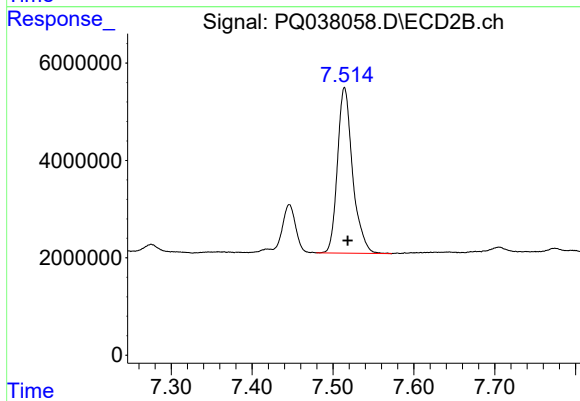
#41 AR-1268-1

R.T.: 7.446 min
Delta R.T.: -0.004 min
Response: 11691982
Conc: 28.90 ng/ml



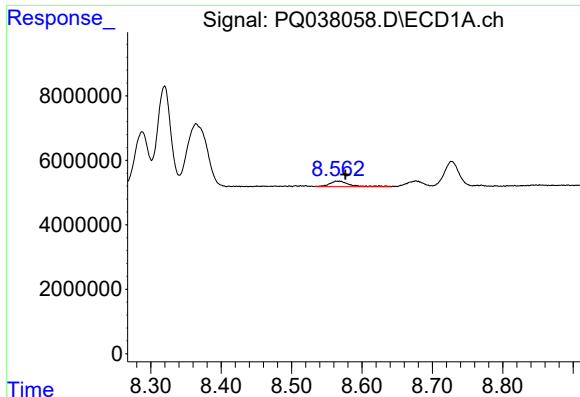
#42 AR-1268-2

R.T.: 8.364 min
Delta R.T.: -0.020 min
Response: 38430935
Conc: 51.46 ng/ml



#42 AR-1268-2

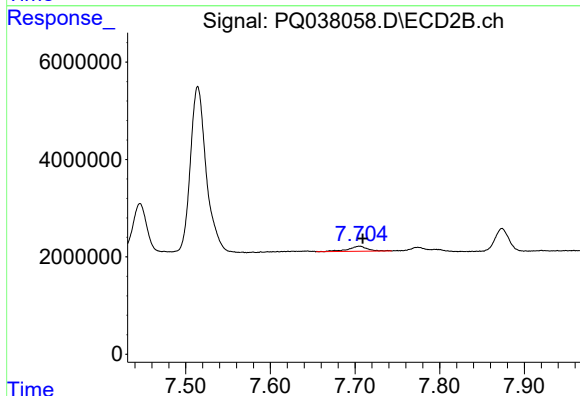
R.T.: 7.514 min
Delta R.T.: -0.004 min
Response: 44191530
Conc: 118.04 ng/ml



#43 AR-1268-3

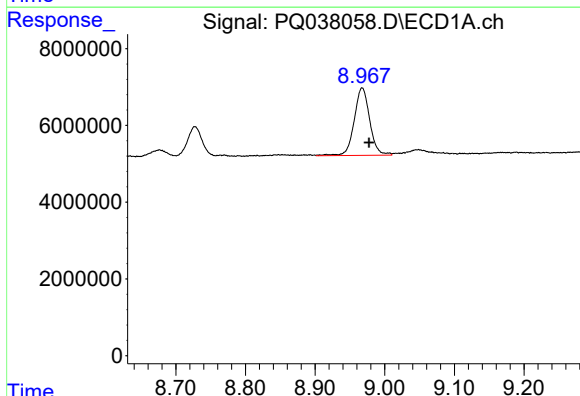
R.T.: 8.565 min
Delta R.T.: -0.011 min
Response: 3407970
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



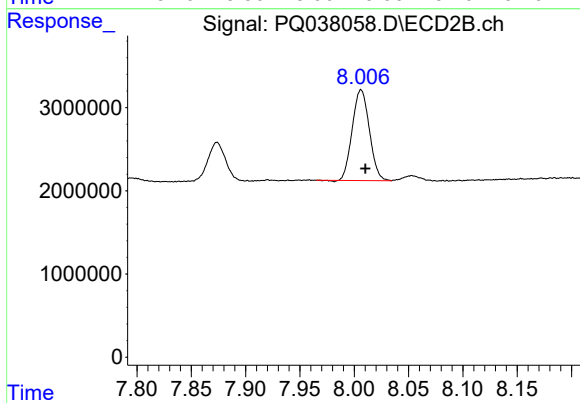
#43 AR-1268-3

R.T.: 7.705 min
Delta R.T.: -0.004 min
Response: 1573824
Conc: 5.20 ng/ml



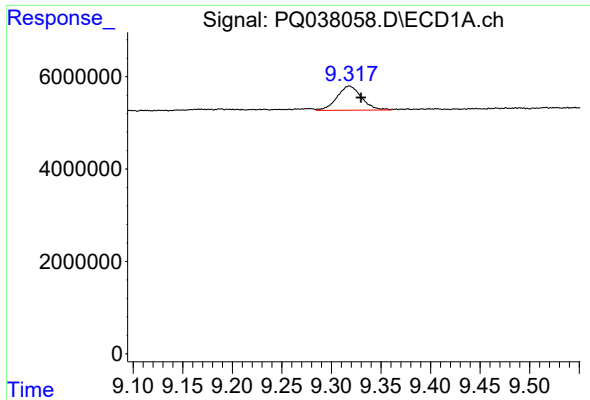
#44 AR-1268-4

R.T.: 8.968 min
Delta R.T.: -0.010 min
Response: 27152229
Conc: 104.89 ng/ml



#44 AR-1268-4

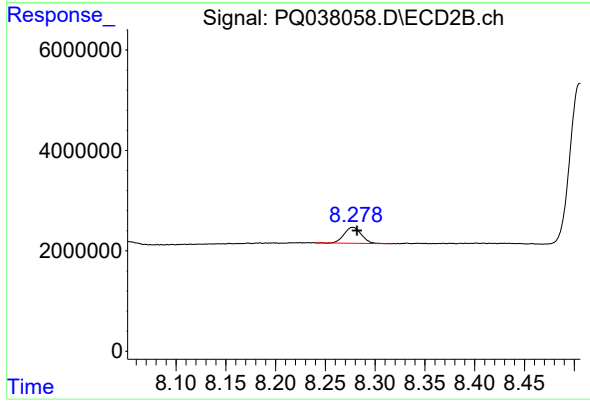
R.T.: 8.006 min
Delta R.T.: -0.004 min
Response: 11943641
Conc: 95.62 ng/ml



#45 AR-1268-5

R.T.: 9.318 min
Delta R.T.: -0.012 min
Response: 9073519
Conc: 4.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 3870955
Conc: 4.09 ng/ml