

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
 Data File : PQ041231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2019 13:53
 Operator : SM\AJ
 Sample : K3832-07DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 14:29:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 13 02:14:45 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...	5.715	4.770	89930155	58357710	8.853	8.949
2) SA Decachlor...	12.136	10.546	110.7E6	39962146	8.619	8.548
Target Compounds						
3) L1 AR-1016-1	0.000	6.251	0	2780260	N.D.	11.079 #
4) L1 AR-1016-2	0.000	6.251	0	2780260	N.D.	7.800 #
5) L1 AR-1016-3	0.000	6.464	0	4520509	N.D.	24.325 #
6) L1 AR-1016-4	0.000	6.517	0	21821533	N.D.	143.168 #
7) L1 AR-1016-5	7.705	6.770	21718791	14817260	79.750	77.816
10) L2 AR-1221-3	0.000	5.366	0	6701350	N.D.	38.514 #
11) L3 AR-1232-1	0.000	5.366	0	6701350	N.D.	48.867 #
12) L3 AR-1232-2	0.000	6.251	0	2780260	N.D.	19.098 #
13) L3 AR-1232-3	0.000	6.464	0	4520509	N.D.	60.716 #
14) L3 AR-1232-4	0.000	6.566	0	10971122	N.D.	172.782 #
15) L3 AR-1232-5	7.476	6.770	26860526	14817260	371.273	216.068 #
16) L4 AR-1242-1	0.000	6.251	0	2780260	N.D.	9.667 #
17) L4 AR-1242-2	0.000	6.251	0	2780260	N.D.	6.704 #
18) L4 AR-1242-3	0.000	6.464	0	4520509	N.D.	21.182 #
19) L4 AR-1242-4	0.000	6.566	0	10971122	N.D.	55.512 #
20) L4 AR-1242-5	8.195	7.180	69810784	129.9E6	145.545	437.341 #
21) L5 AR-1248-1	0.000	6.251	0	2780260	N.D.	14.231 #
22) L5 AR-1248-2	7.476	6.517	26860526	21821533	69.671	85.433
23) L5 AR-1248-3	7.705	6.566	21718791	10971122	44.257	42.095
24) L5 AR-1248-4	8.152	6.770	96077288	14817260	161.415	46.695 #
25) L5 AR-1248-5	8.195	7.226	69810784	33919901	119.371	101.610
26) L6 AR-1254-1	8.123	7.180	131.2E6	129.9E6	254.332	359.267 #
27) L6 AR-1254-2	8.361	7.348	318.5E6	159.7E6	493.851	522.534
28) L6 AR-1254-3	8.755	7.796	445.1E6	379.9E6	608.410	766.136 #
29) L6 AR-1254-4	9.058	8.045	550.0E6	302.5E6	869.542	887.761
30) L6 AR-1254-5	9.498	8.492	1081.5E6	540.2E6	1872.657	1287.866 #
31) L7 AR-1260-1	8.928	7.938	293.2E6	239.2E6	554.363	704.088 #
32) L7 AR-1260-2	9.199	8.141	584.7E6	307.5E6	780.042	691.461
33) L7 AR-1260-3	9.575	8.306	245.6E6	240.2E6	382.941	643.992 #
34) L7 AR-1260-4	9.812	8.806	493.8E6	101.1E6	813.828	336.309 #
35) L7 AR-1260-5	10.169	9.057	545.3E6	321.0E6	382.110	433.526
36) L8 AR-1262-1	9.575	8.529	245.6E6	148.4E6	244.441	273.025
37) L8 AR-1262-2	10.169	9.057	545.3E6	321.0E6	305.838	363.605
38) L8 AR-1262-3	10.525	9.352	347.0E6	50994165	298.224	146.267 #
39) L8 AR-1262-4	10.607	9.418	71821915	158.9E6	79.029	259.090 #
40) L8 AR-1262-5	11.319	9.945	147.8E6	51479664	232.733	196.534
41) L9 AR-1268-1	10.525	9.352	347.0E6	50994165	169.795	56.045 #
42) L9 AR-1268-2	10.607	9.418	71821915	158.9E6	39.104	196.604 #
43) L9 AR-1268-3	0.000	9.634	0	10221088	N.D.	15.661 #

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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
44) L9	AR-1268-4	11.319	9.945	147.8E6	51479664	224.573	186.894
45) L9	AR-1268-5	11.769	10.264	39740625	18812041	8.063	10.626 #

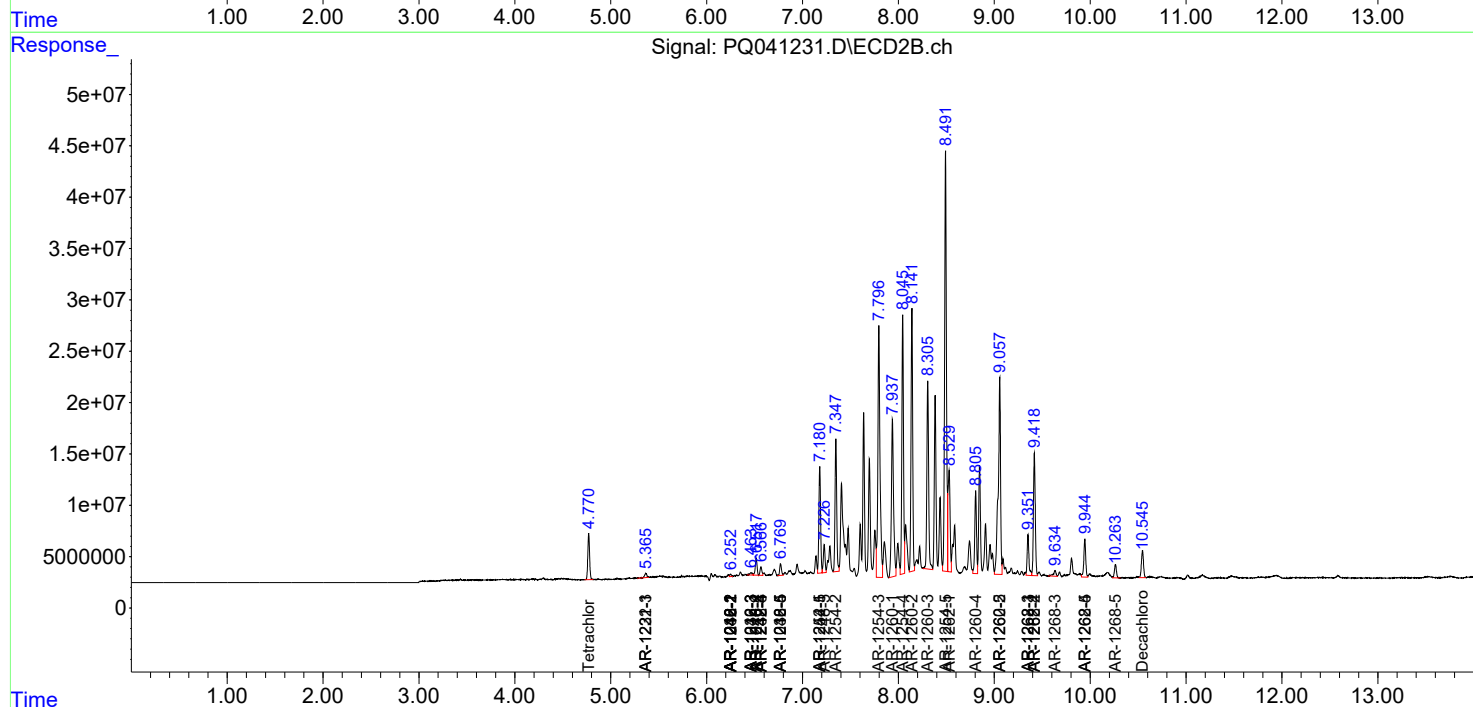
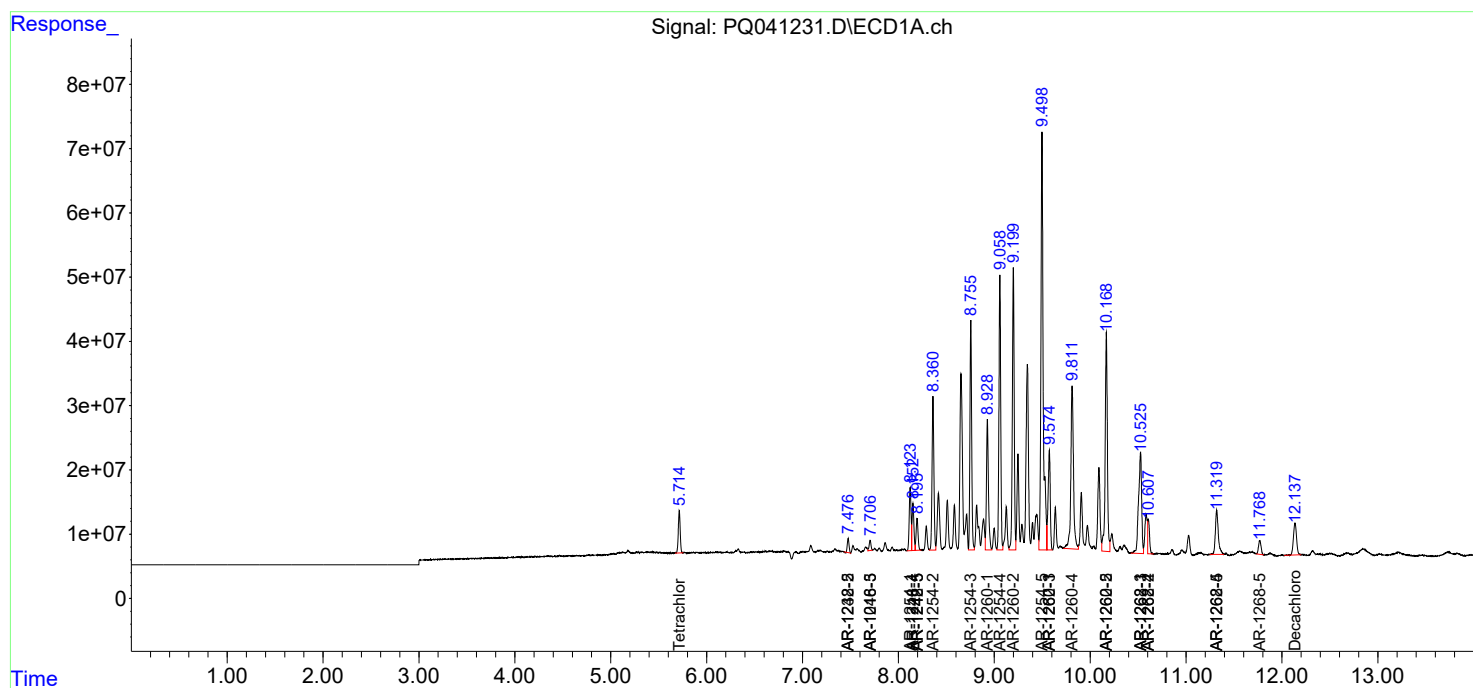
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

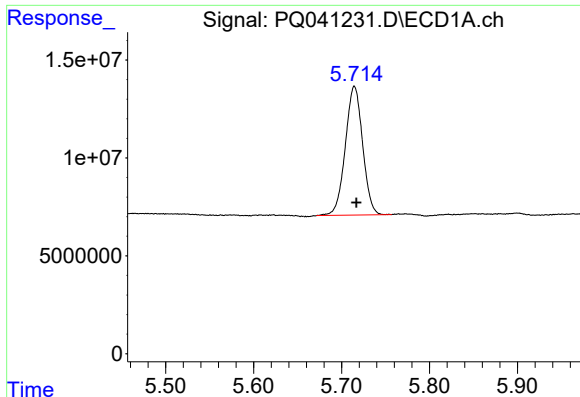
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071619\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2019 13:53
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

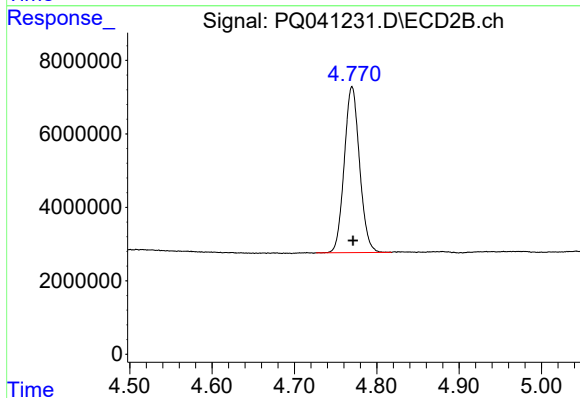




#1 Tetrachloro-m-xylene

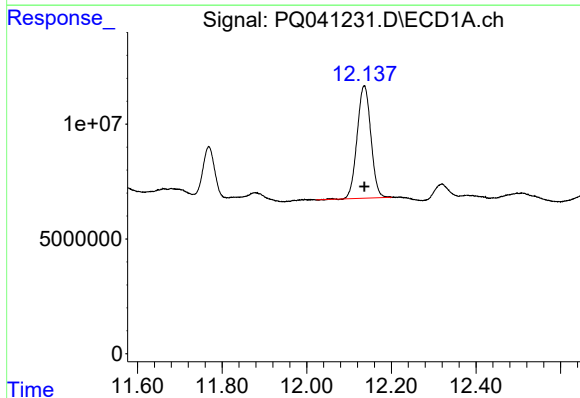
R.T.: 5.715 min
Delta R.T.: -0.002 min
Response: 89930155
Conc: 8.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



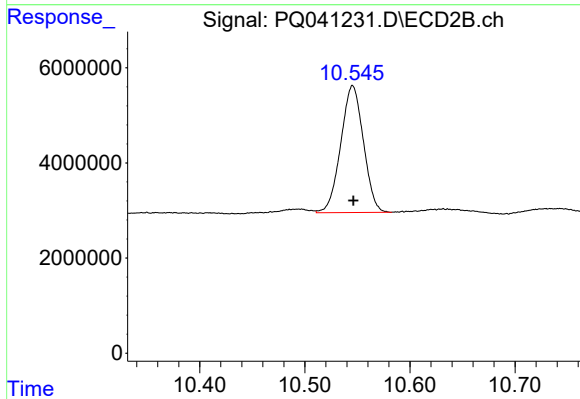
#1 Tetrachloro-m-xylene

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 58357710
Conc: 8.95 ng/ml



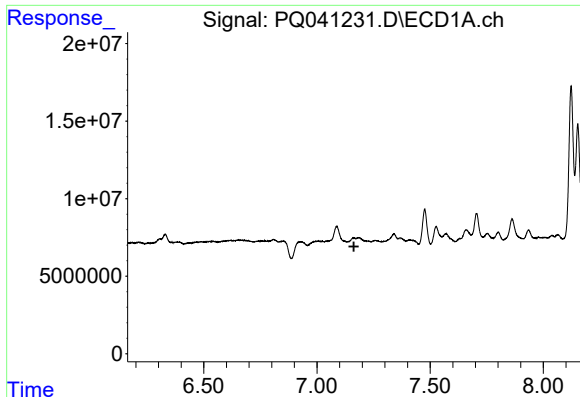
#2 Decachlorobiphenyl

R.T.: 12.136 min
Delta R.T.: 0.000 min
Response: 110686479
Conc: 8.62 ng/ml



#2 Decachlorobiphenyl

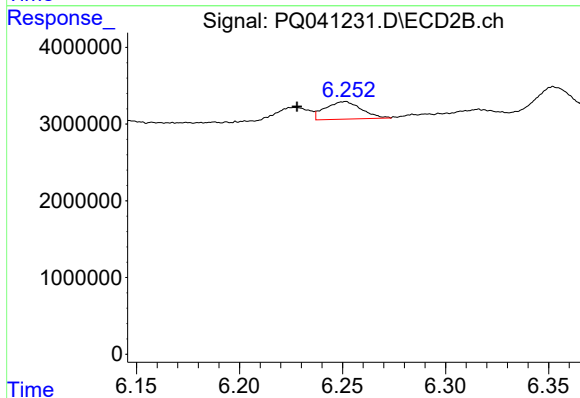
R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 39962146
Conc: 8.55 ng/ml



#3 AR-1016-1

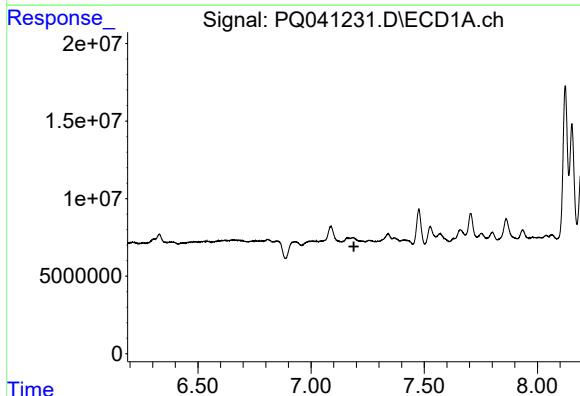
R.T.: 0.000 min
Exp R.T.: 7.163 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



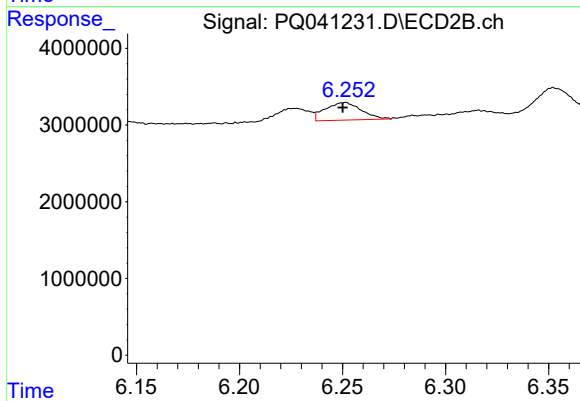
#3 AR-1016-1

R.T.: 6.251 min
Delta R.T.: 0.023 min
Response: 2780260
Conc: 11.08 ng/ml



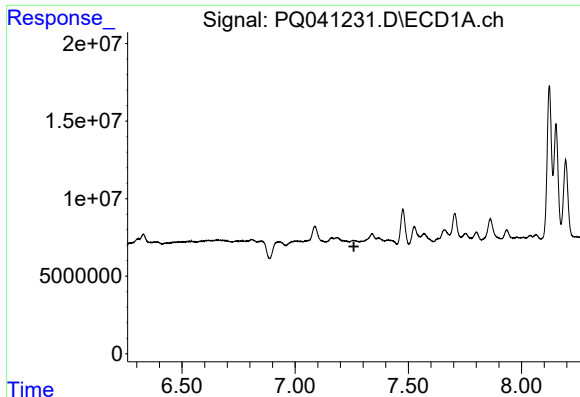
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.189 min
Response: 0
Conc: N.D.



#4 AR-1016-2

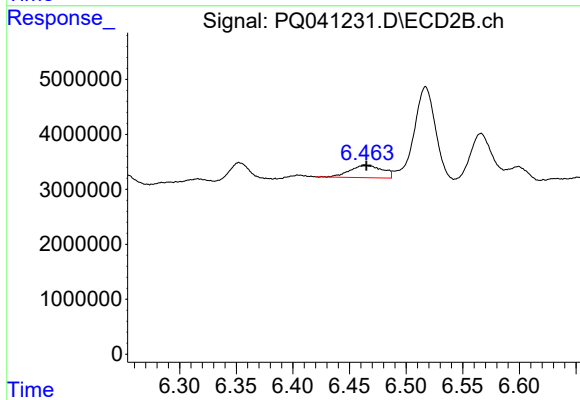
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2780260
Conc: 7.80 ng/ml



#5 AR-1016-3

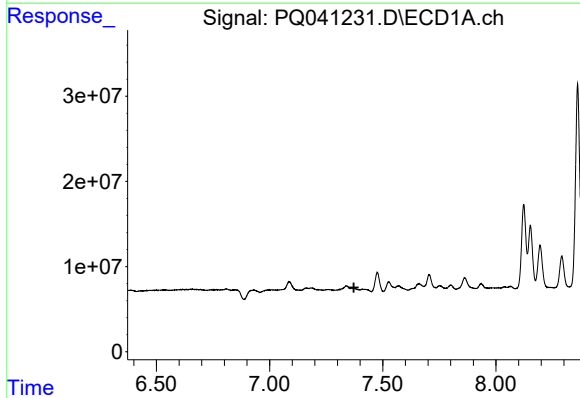
R.T.: 0.000 min
Exp R.T.: 7.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



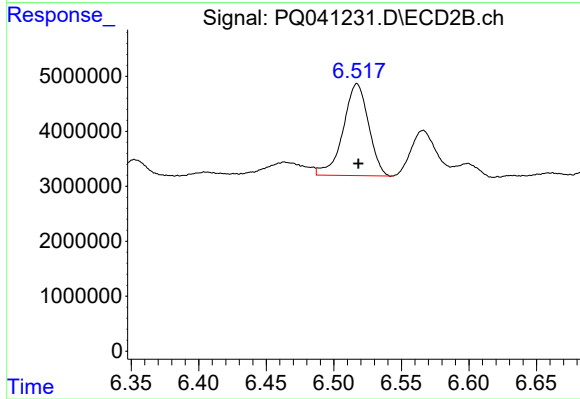
#5 AR-1016-3

R.T.: 6.464 min
Delta R.T.: -0.001 min
Response: 4520509
Conc: 24.33 ng/ml



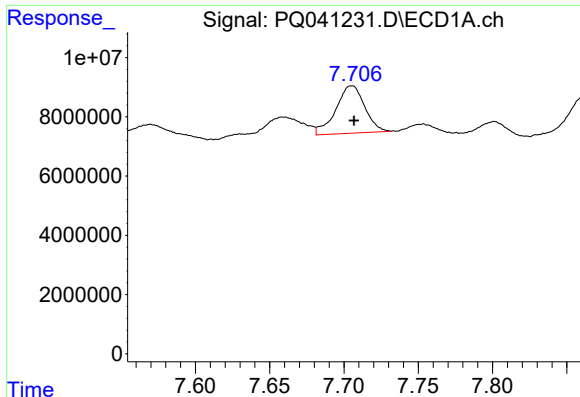
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.



#6 AR-1016-4

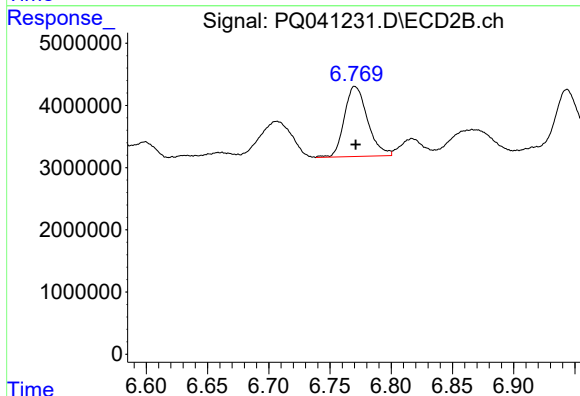
R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 21821533
Conc: 143.17 ng/ml



#7 AR-1016-5

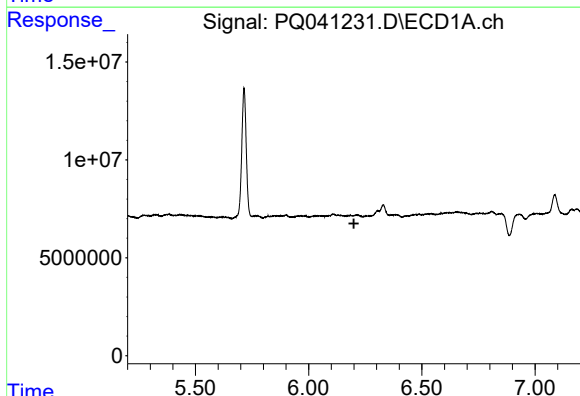
R.T.: 7.705 min
Delta R.T.: -0.002 min
Response: 21718791
Conc: 79.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



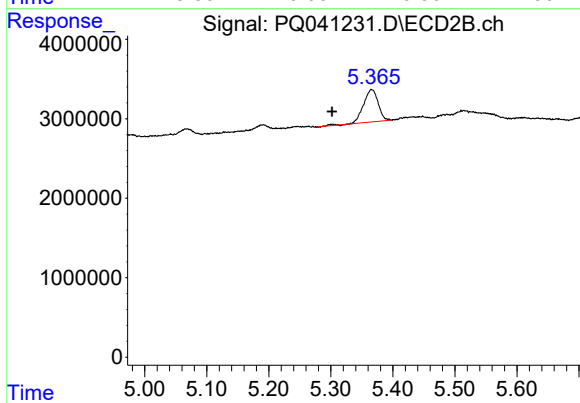
#7 AR-1016-5

R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 14817260
Conc: 77.82 ng/ml



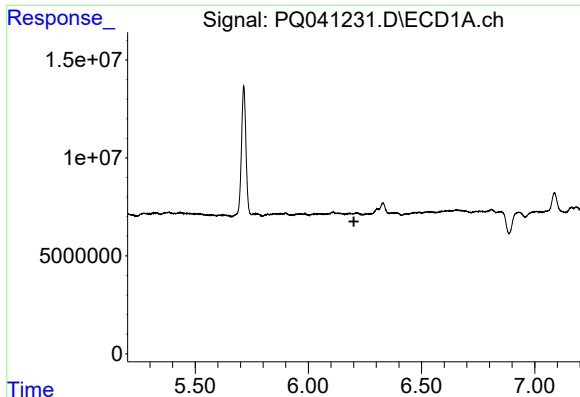
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.200 min
Response: 0
Conc: N.D.



#10 AR-1221-3

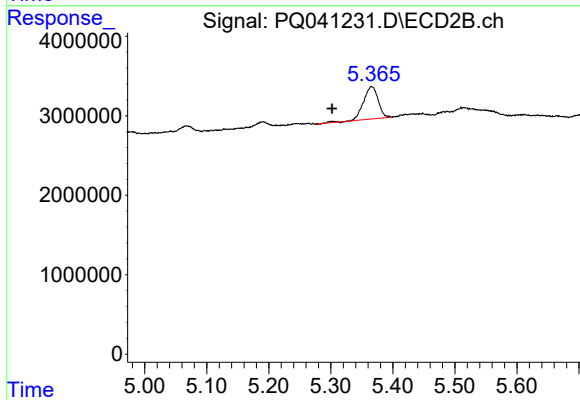
R.T.: 5.366 min
Delta R.T.: 0.064 min
Response: 6701350
Conc: 38.51 ng/ml



#11 AR-1232-1

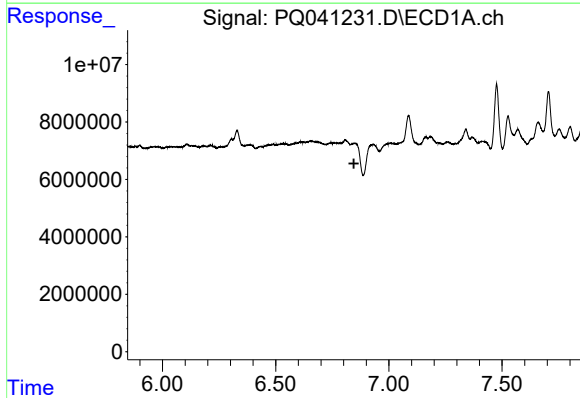
R.T.: 0.000 min
Exp R.T.: 6.201 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



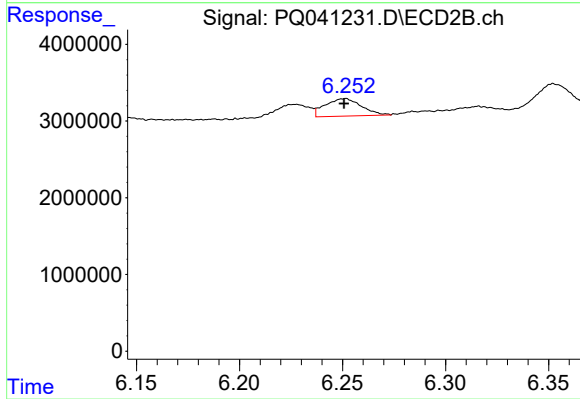
#11 AR-1232-1

R.T.: 5.366 min
Delta R.T.: 0.064 min
Response: 6701350
Conc: 48.87 ng/ml



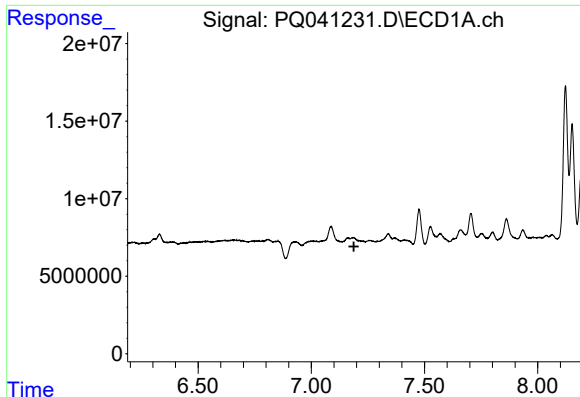
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.846 min
Response: 0
Conc: N.D.



#12 AR-1232-2

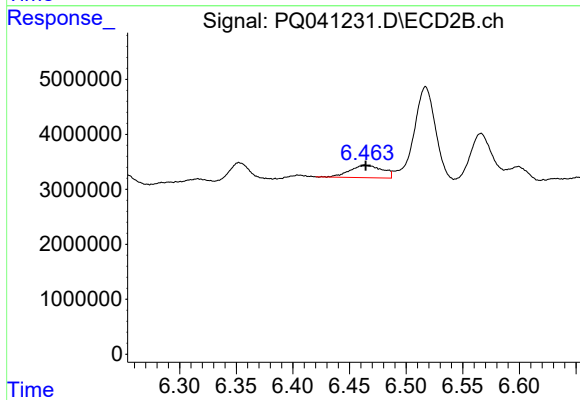
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2780260
Conc: 19.10 ng/ml



#13 AR-1232-3

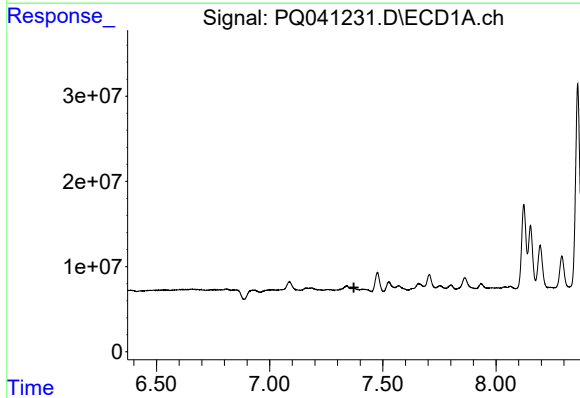
R.T.: 0.000 min
Exp R.T.: 7.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



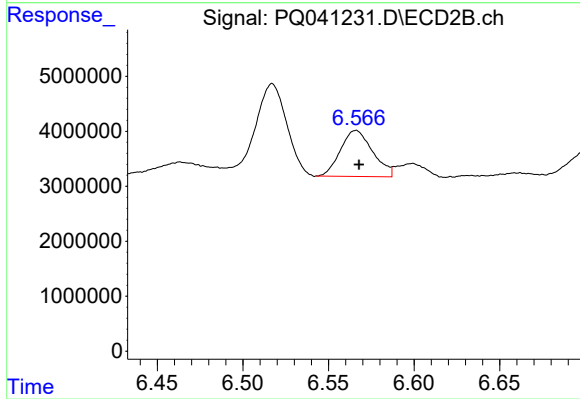
#13 AR-1232-3

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 4520509
Conc: 60.72 ng/ml



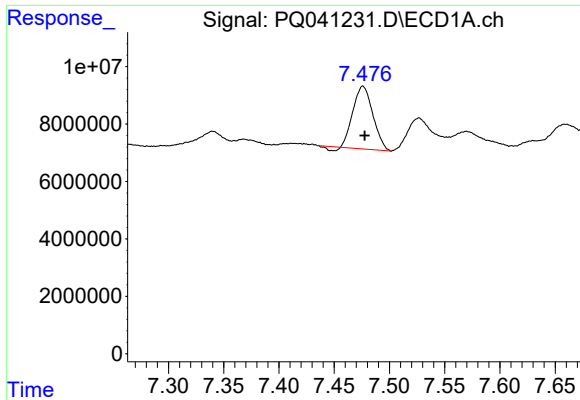
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.372 min
Response: 0
Conc: N.D.



#14 AR-1232-4

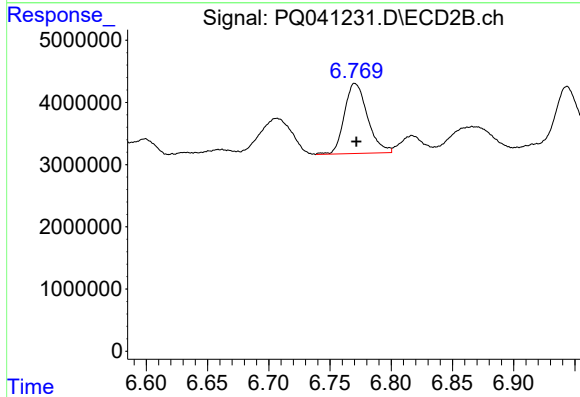
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 10971122
Conc: 172.78 ng/ml



#15 AR-1232-5

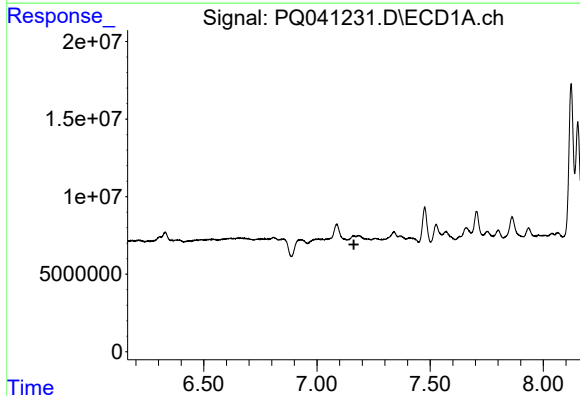
R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 26860526
Conc: 371.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



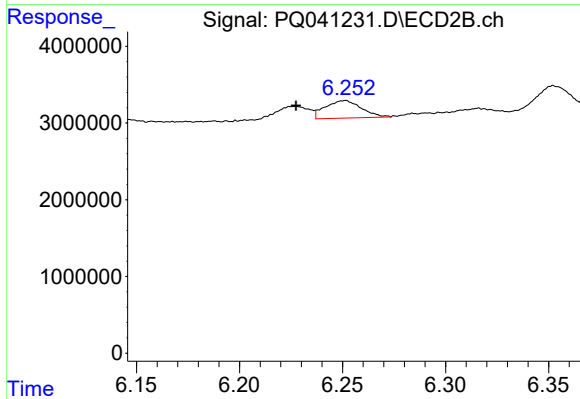
#15 AR-1232-5

R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 14817260
Conc: 216.07 ng/ml



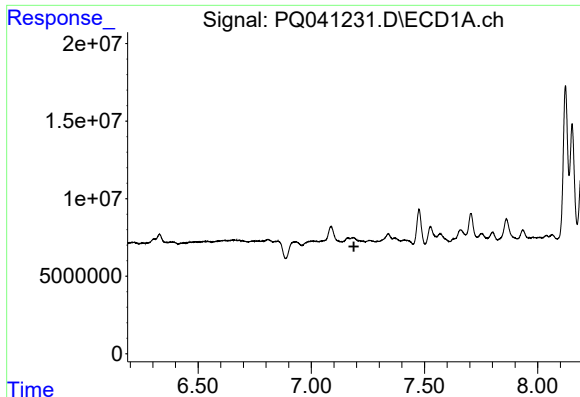
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.163 min
Response: 0
Conc: N.D.



#16 AR-1242-1

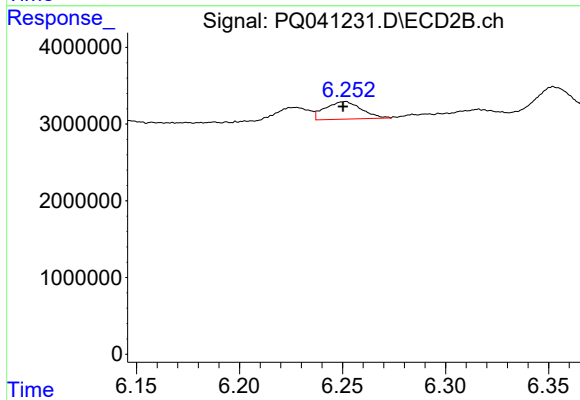
R.T.: 6.251 min
Delta R.T.: 0.024 min
Response: 2780260
Conc: 9.67 ng/ml



#17 AR-1242-2

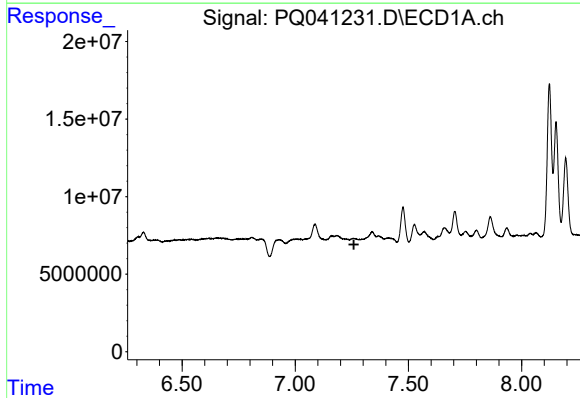
R.T.: 0.000 min
Exp R.T. : 7.188 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



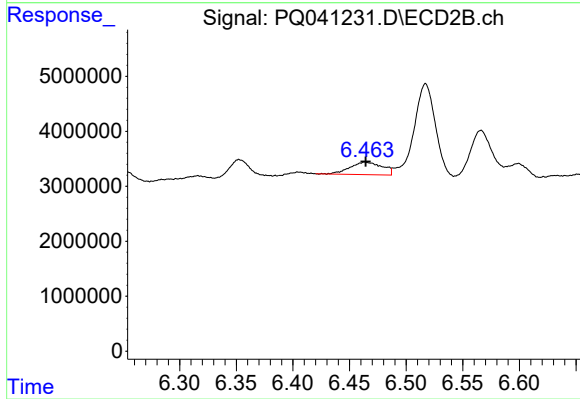
#17 AR-1242-2

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2780260
Conc: 6.70 ng/ml



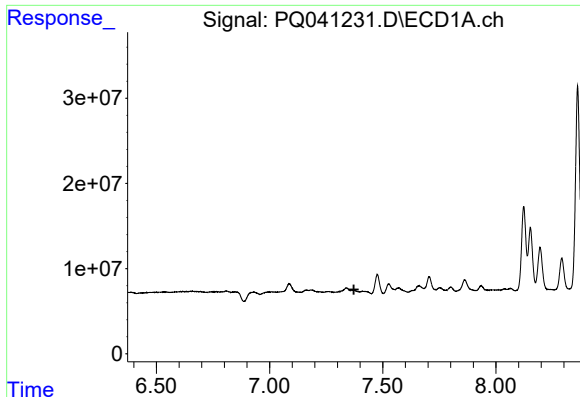
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 7.259 min
Response: 0
Conc: N.D.



#18 AR-1242-3

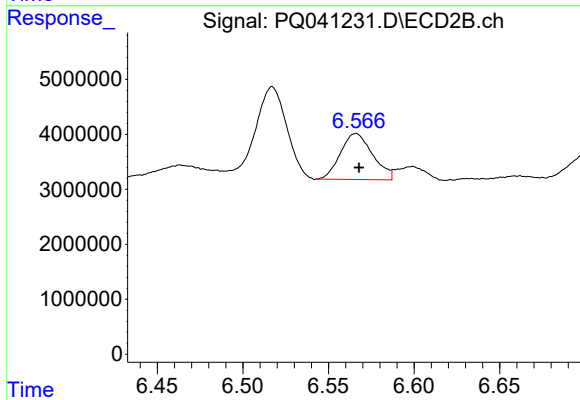
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 4520509
Conc: 21.18 ng/ml



#19 AR-1242-4

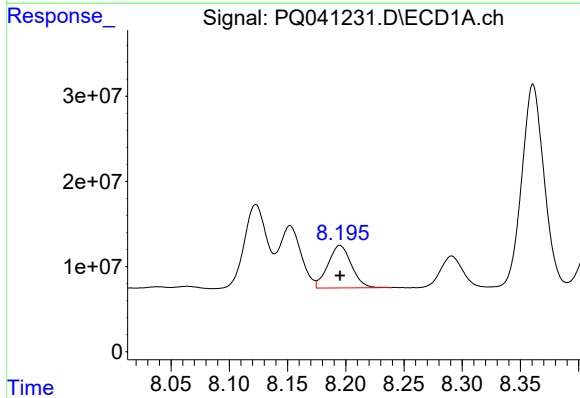
R.T.: 0.000 min
Exp R.T.: 7.373 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



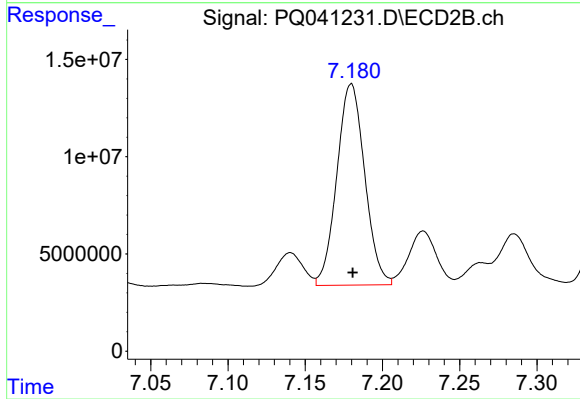
#19 AR-1242-4

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 10971122
Conc: 55.51 ng/ml



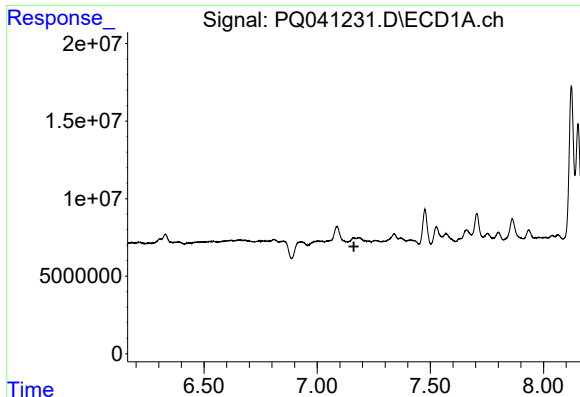
#20 AR-1242-5

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 69810784
Conc: 145.55 ng/ml



#20 AR-1242-5

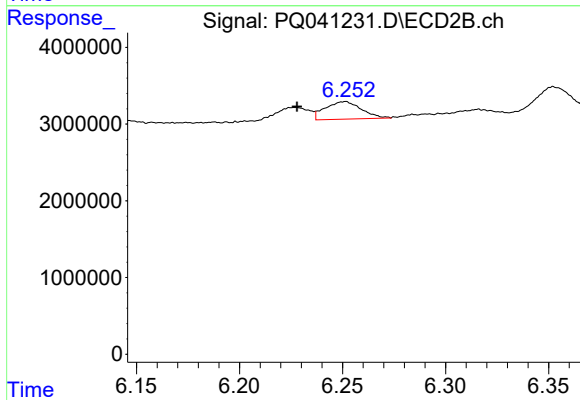
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 129878900
Conc: 437.34 ng/ml



#21 AR-1248-1

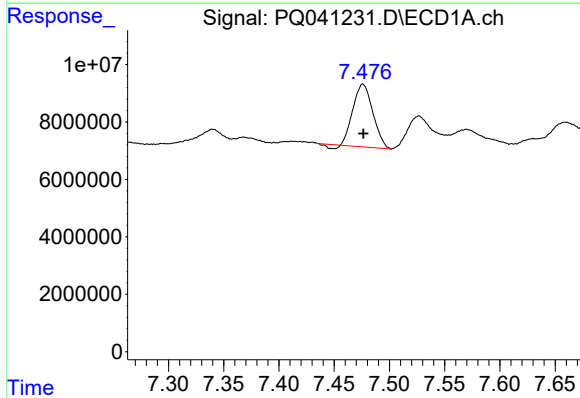
R.T.: 0.000 min
Exp R.T.: 7.162 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



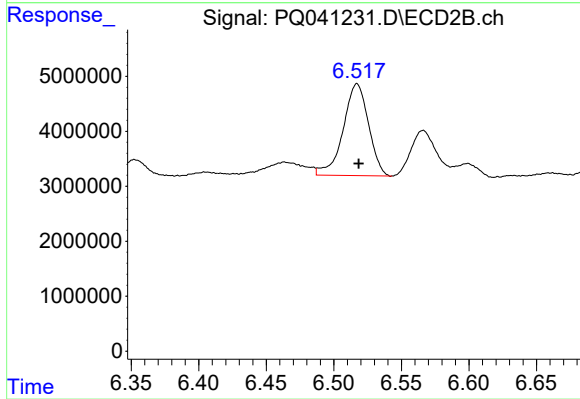
#21 AR-1248-1

R.T.: 6.251 min
Delta R.T.: 0.023 min
Response: 2780260
Conc: 14.23 ng/ml



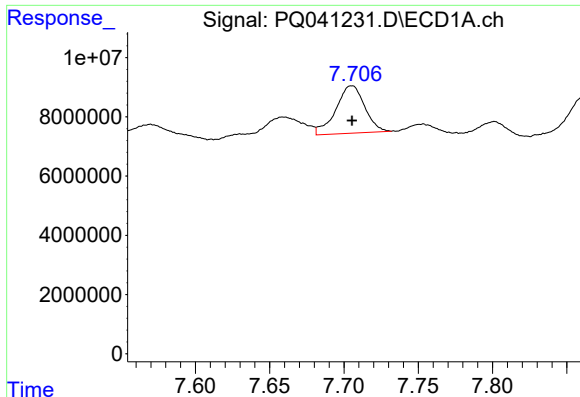
#22 AR-1248-2

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 26860526
Conc: 69.67 ng/ml



#22 AR-1248-2

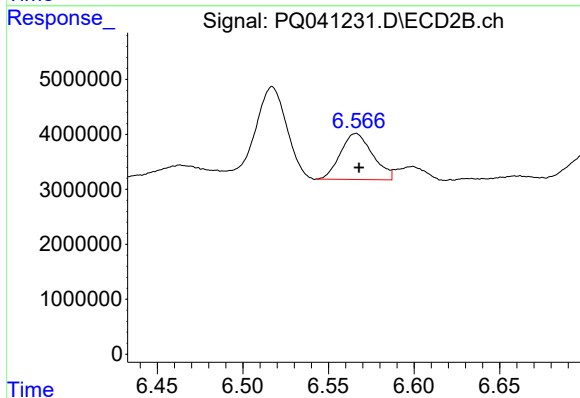
R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 21821533
Conc: 85.43 ng/ml



#23 AR-1248-3

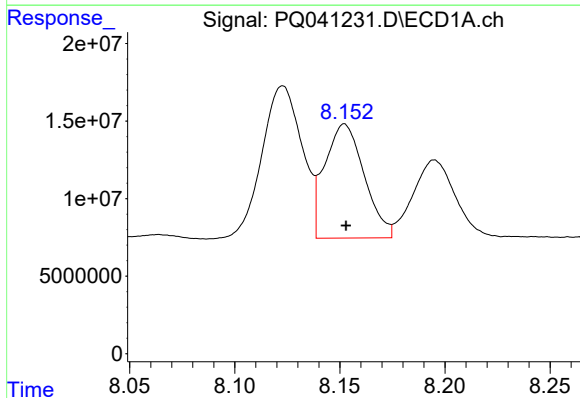
R.T.: 7.705 min
Delta R.T.: 0.000 min
Response: 21718791
Conc: 44.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



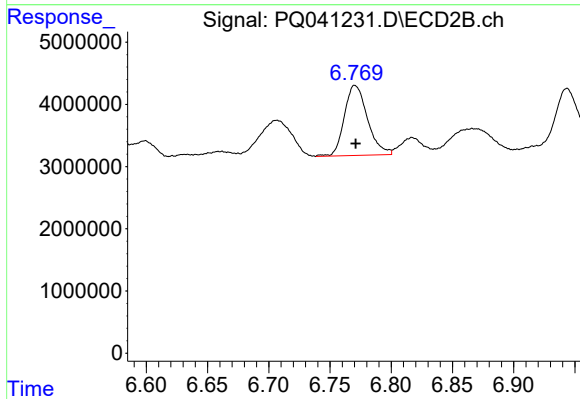
#23 AR-1248-3

R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 10971122
Conc: 42.09 ng/ml



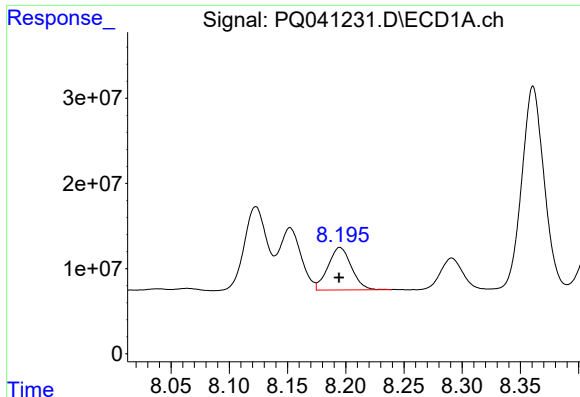
#24 AR-1248-4

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 96077288
Conc: 161.42 ng/ml



#24 AR-1248-4

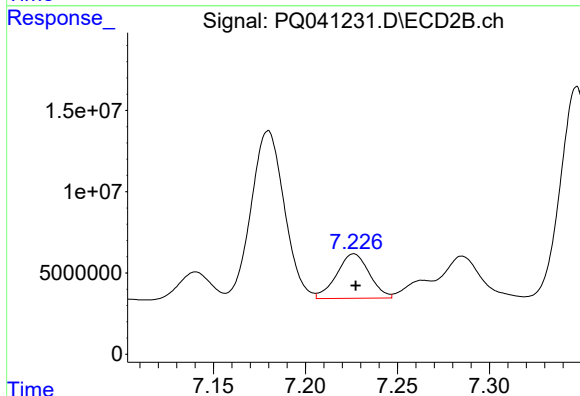
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 14817260
Conc: 46.69 ng/ml



#25 AR-1248-5

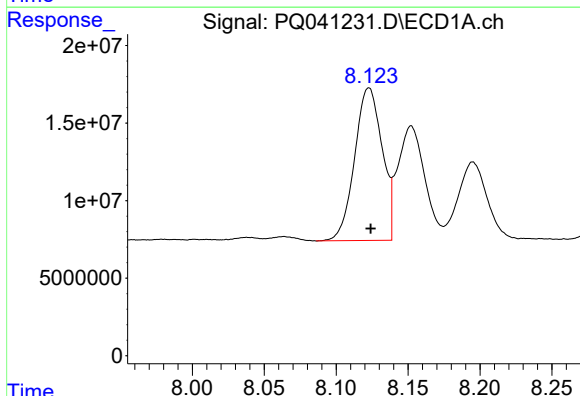
R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 69810784
Conc: 119.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



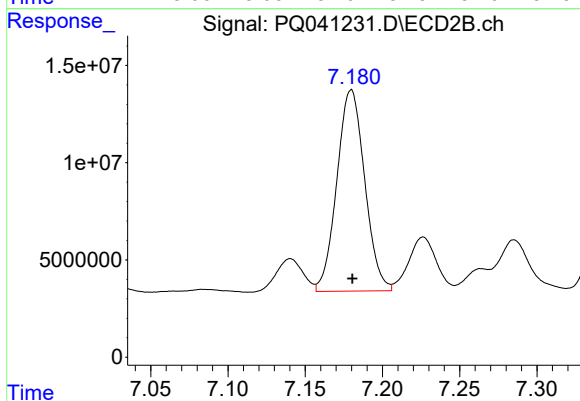
#25 AR-1248-5

R.T.: 7.226 min
Delta R.T.: -0.001 min
Response: 33919901
Conc: 101.61 ng/ml



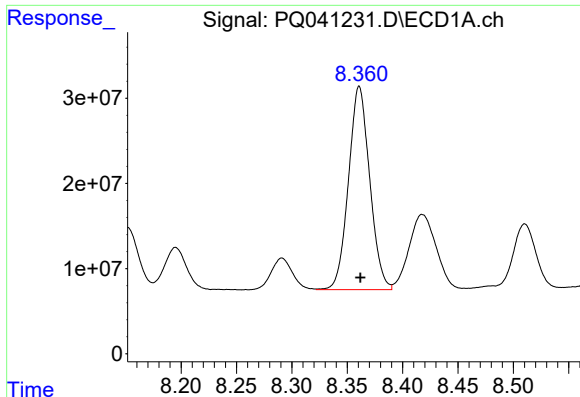
#26 AR-1254-1

R.T.: 8.123 min
Delta R.T.: -0.001 min
Response: 131166713
Conc: 254.33 ng/ml



#26 AR-1254-1

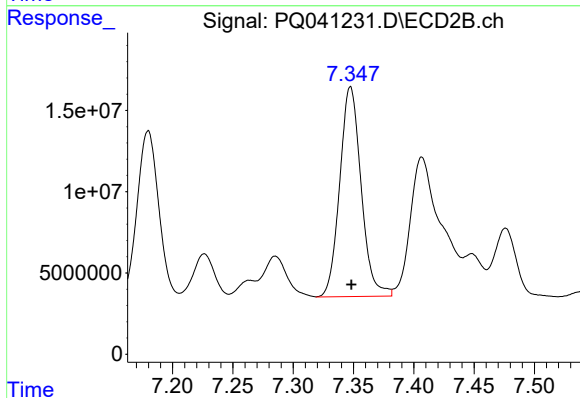
R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 129878900
Conc: 359.27 ng/ml



#27 AR-1254-2

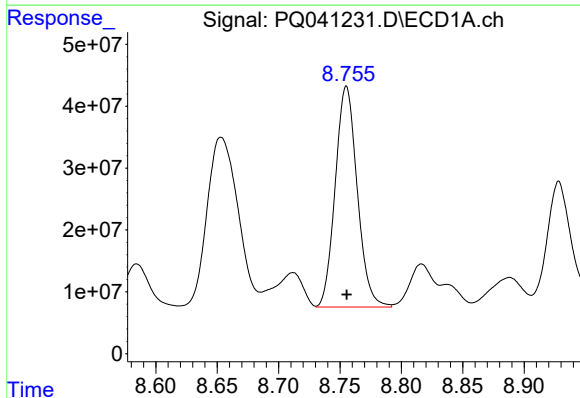
R.T.: 8.361 min
Delta R.T.: -0.001 min
Response: 318473746
Conc: 493.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



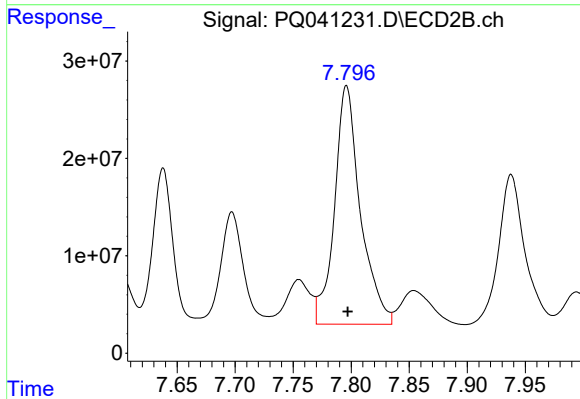
#27 AR-1254-2

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 159677659
Conc: 522.53 ng/ml



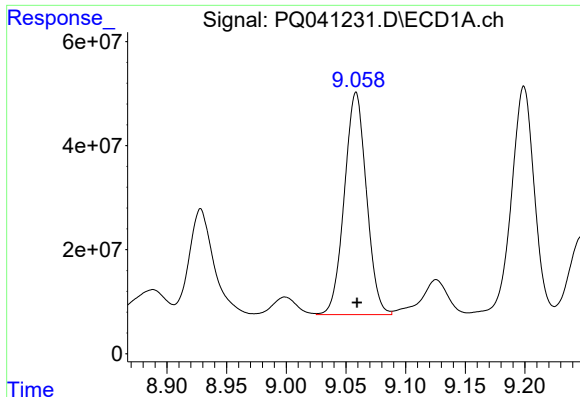
#28 AR-1254-3

R.T.: 8.755 min
Delta R.T.: 0.000 min
Response: 445075124
Conc: 608.41 ng/ml



#28 AR-1254-3

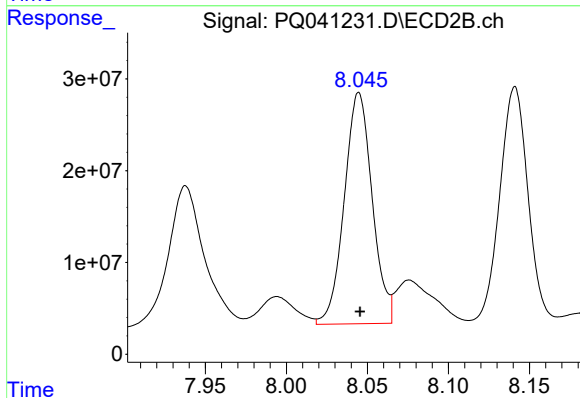
R.T.: 7.796 min
Delta R.T.: -0.001 min
Response: 379851105
Conc: 766.14 ng/ml



#29 AR-1254-4

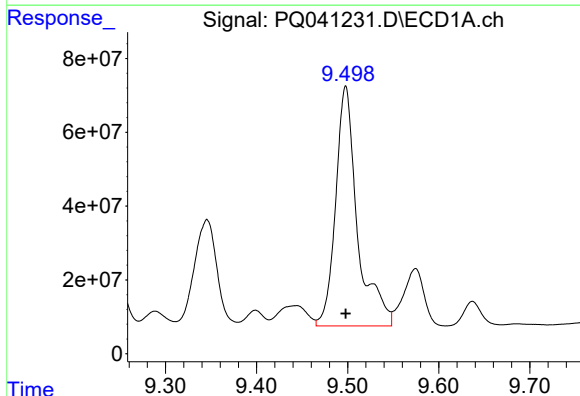
R.T.: 9.058 min
Delta R.T.: 0.000 min
Response: 550032082
Conc: 869.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



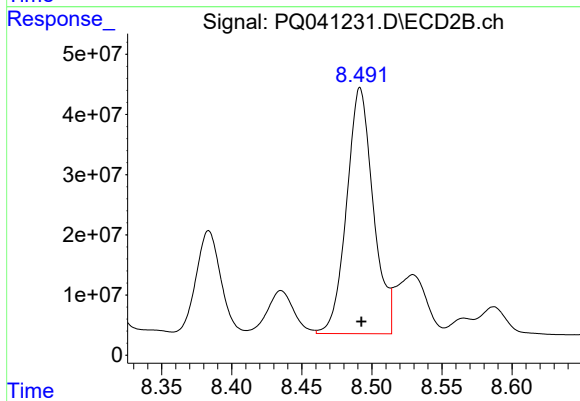
#29 AR-1254-4

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 302548843
Conc: 887.76 ng/ml



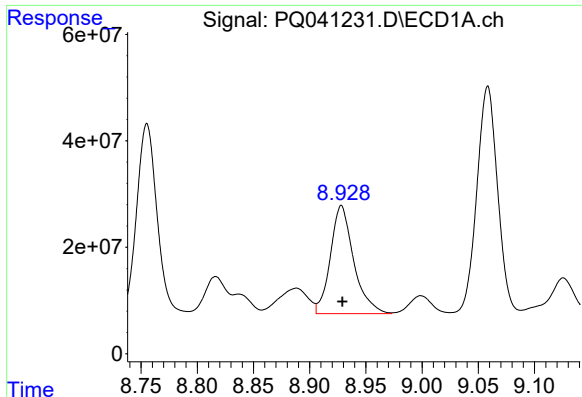
#30 AR-1254-5

R.T.: 9.498 min
Delta R.T.: 0.000 min
Response: 1081485522
Conc: 1872.66 ng/ml



#30 AR-1254-5

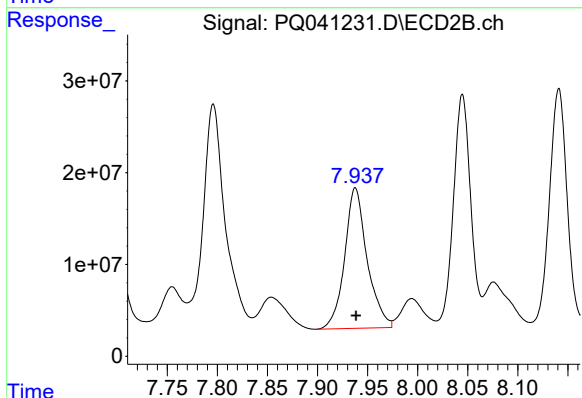
R.T.: 8.492 min
Delta R.T.: 0.000 min
Response: 540165455
Conc: 1287.87 ng/ml



#31 AR-1260-1

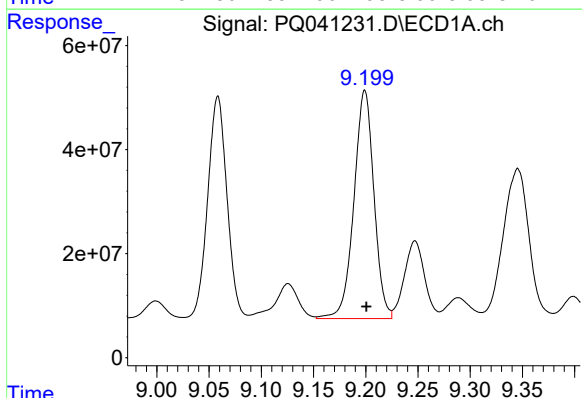
R.T.: 8.928 min
Delta R.T.: 0.000 min
Response: 293189451
Conc: 554.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



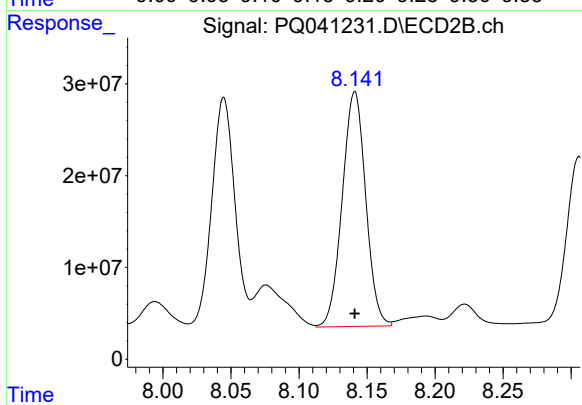
#31 AR-1260-1

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 239234317
Conc: 704.09 ng/ml



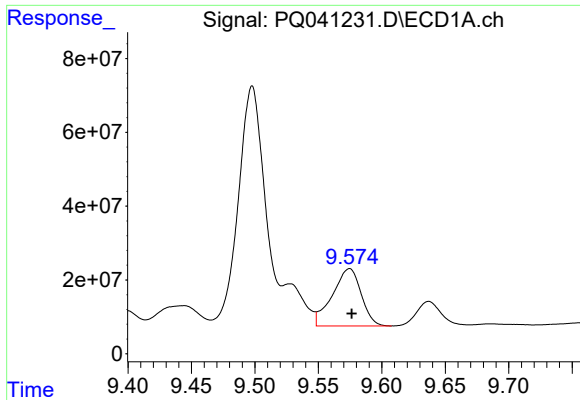
#32 AR-1260-2

R.T.: 9.199 min
Delta R.T.: -0.002 min
Response: 584667195
Conc: 780.04 ng/ml



#32 AR-1260-2

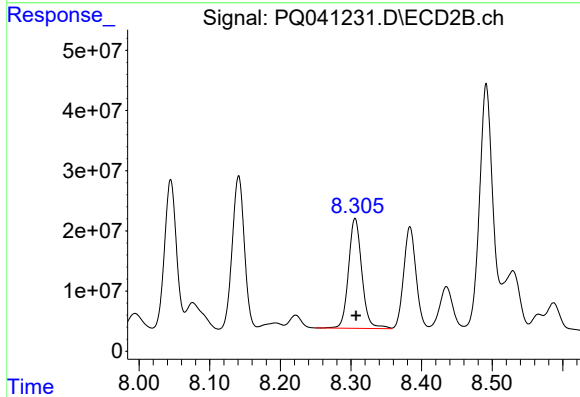
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 307492837
Conc: 691.46 ng/ml



#33 AR-1260-3

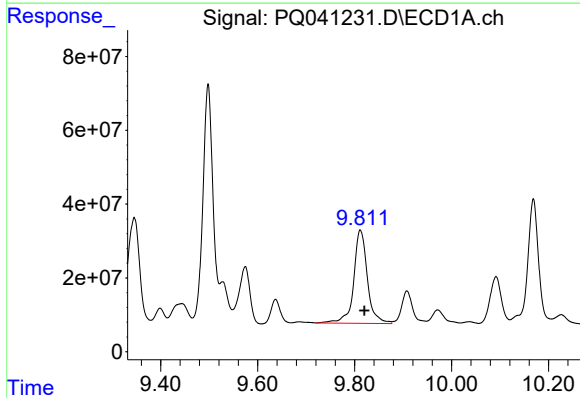
R.T.: 9.575 min
Delta R.T.: -0.002 min
Response: 245648193
Conc: 382.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



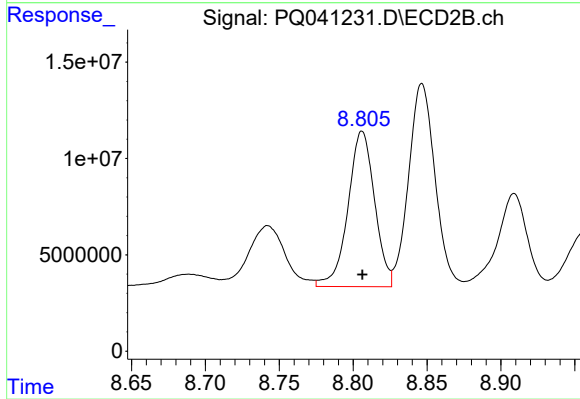
#33 AR-1260-3

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 240159281
Conc: 643.99 ng/ml



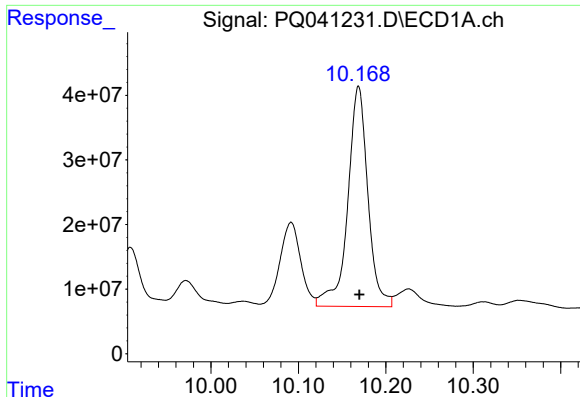
#34 AR-1260-4

R.T.: 9.812 min
Delta R.T.: -0.009 min
Response: 493773922
Conc: 813.83 ng/ml



#34 AR-1260-4

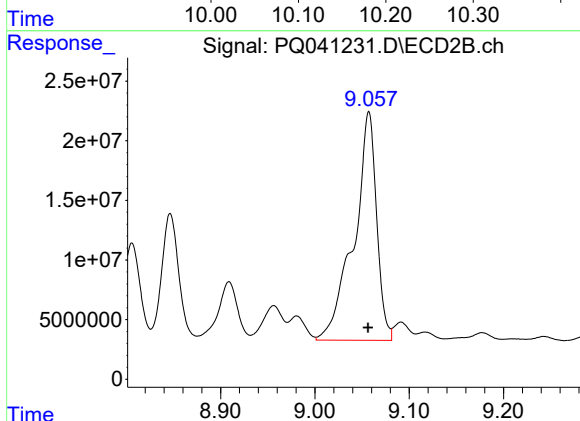
R.T.: 8.806 min
Delta R.T.: 0.000 min
Response: 101138020
Conc: 336.31 ng/ml



#35 AR-1260-5

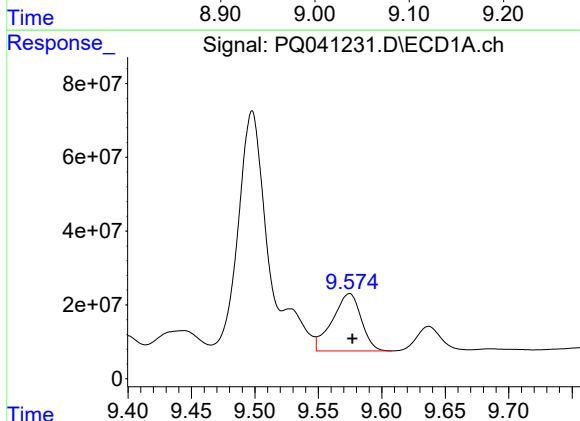
R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 545304097
Conc: 382.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



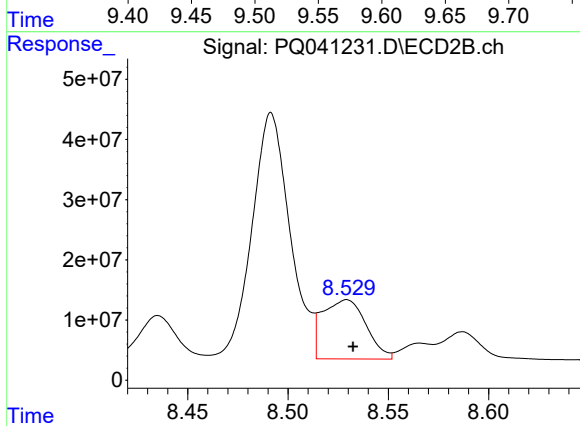
#35 AR-1260-5

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 321031194
Conc: 433.53 ng/ml



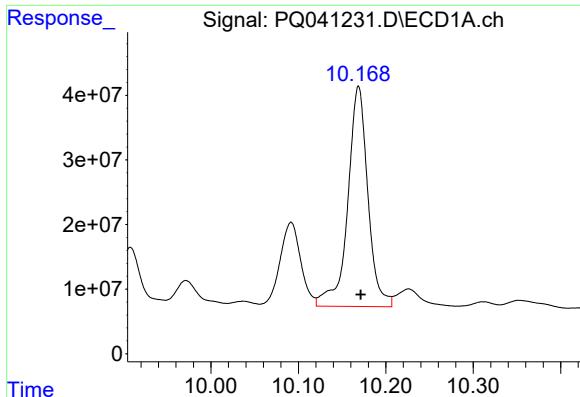
#36 AR-1262-1

R.T.: 9.575 min
Delta R.T.: -0.002 min
Response: 245648193
Conc: 244.44 ng/ml



#36 AR-1262-1

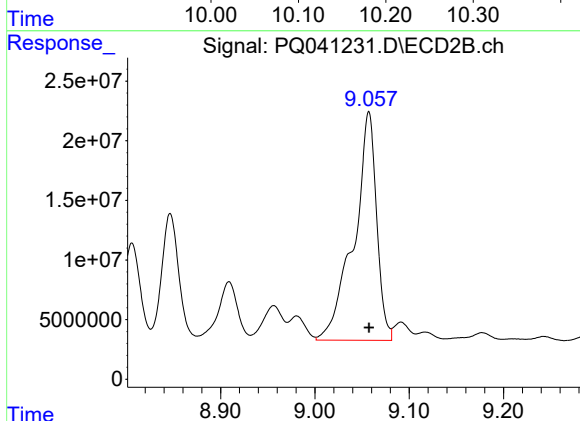
R.T.: 8.529 min
Delta R.T.: -0.003 min
Response: 148371672
Conc: 273.03 ng/ml



#37 AR-1262-2

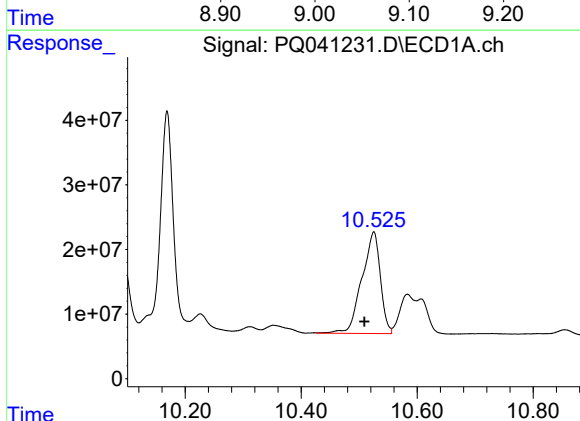
R.T.: 10.169 min
Delta R.T.: -0.002 min
Response: 545304097
Conc: 305.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



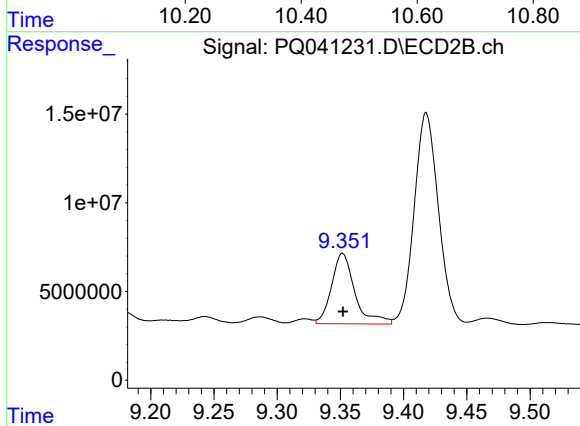
#37 AR-1262-2

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 321031194
Conc: 363.61 ng/ml



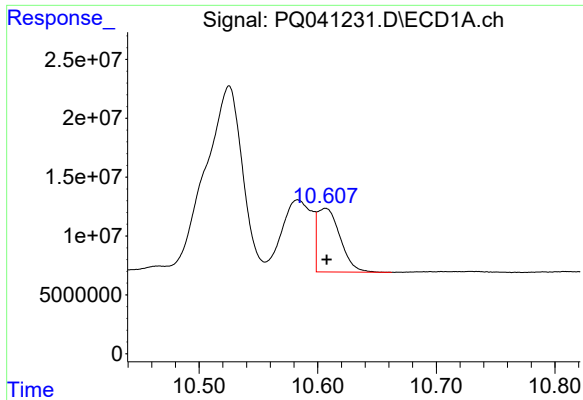
#38 AR-1262-3

R.T.: 10.525 min
Delta R.T.: 0.016 min
Response: 346993873
Conc: 298.22 ng/ml



#38 AR-1262-3

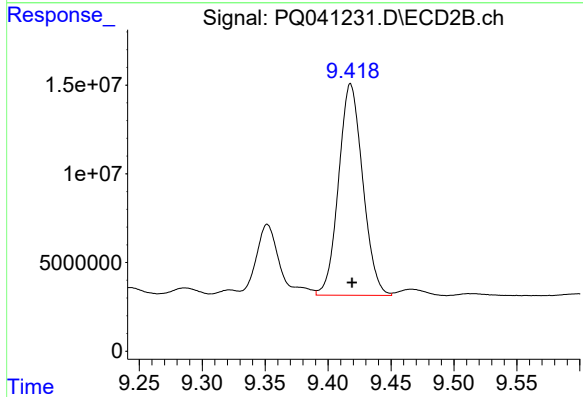
R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 50994165
Conc: 146.27 ng/ml



#39 AR-1262-4

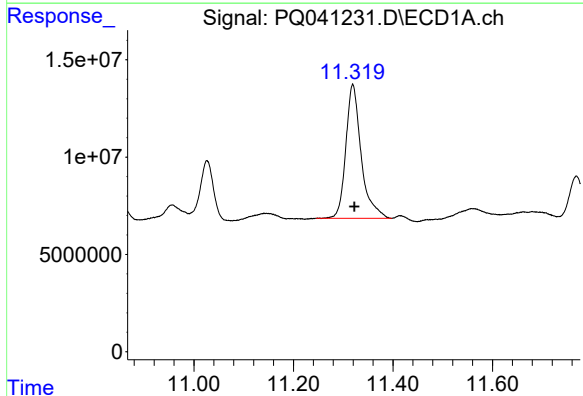
R.T.: 10.607 min
Delta R.T.: -0.001 min
Response: 71821915
Conc: 79.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



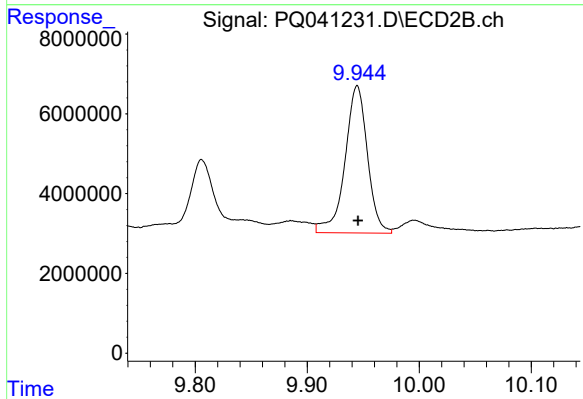
#39 AR-1262-4

R.T.: 9.418 min
Delta R.T.: -0.001 min
Response: 158868828
Conc: 259.09 ng/ml



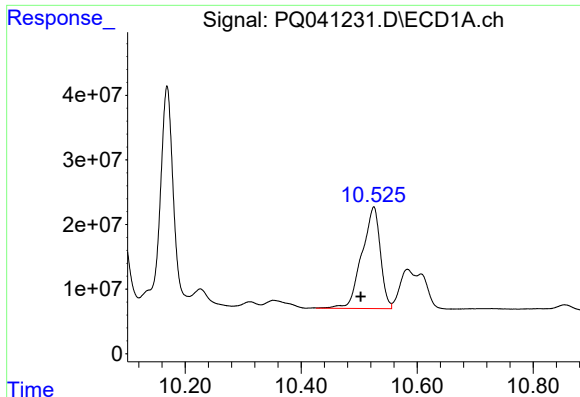
#40 AR-1262-5

R.T.: 11.319 min
Delta R.T.: -0.003 min
Response: 147798700
Conc: 232.73 ng/ml



#40 AR-1262-5

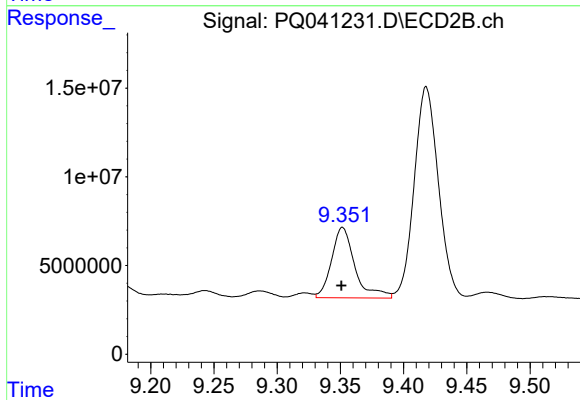
R.T.: 9.945 min
Delta R.T.: 0.000 min
Response: 51479664
Conc: 196.53 ng/ml



#41 AR-1268-1

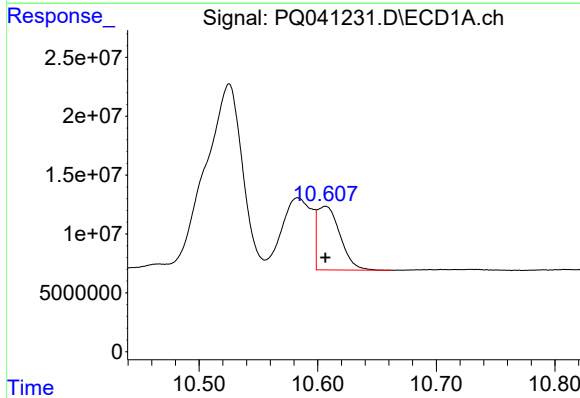
R.T.: 10.525 min
Delta R.T.: 0.023 min
Response: 346993873
Conc: 169.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



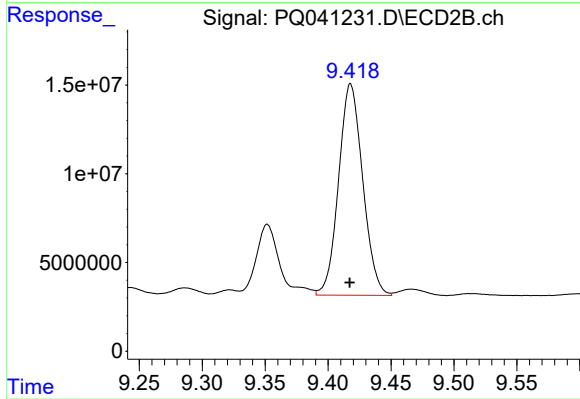
#41 AR-1268-1

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 50994165
Conc: 56.05 ng/ml



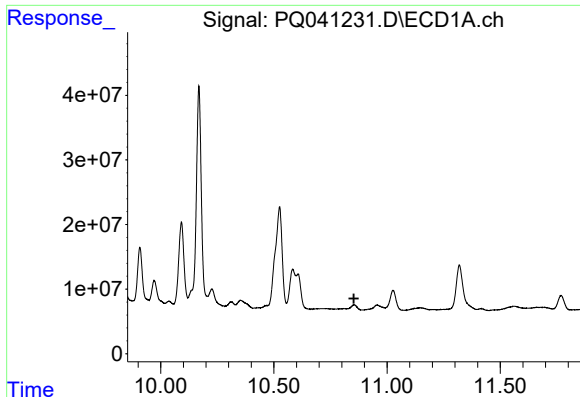
#42 AR-1268-2

R.T.: 10.607 min
Delta R.T.: 0.000 min
Response: 71821915
Conc: 39.10 ng/ml



#42 AR-1268-2

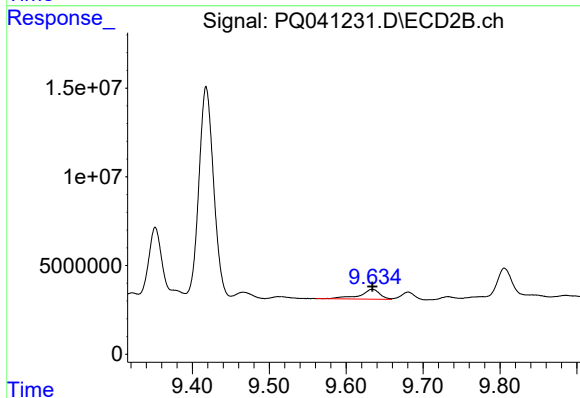
R.T.: 9.418 min
Delta R.T.: 0.000 min
Response: 158868828
Conc: 196.60 ng/ml



#43 AR-1268-3

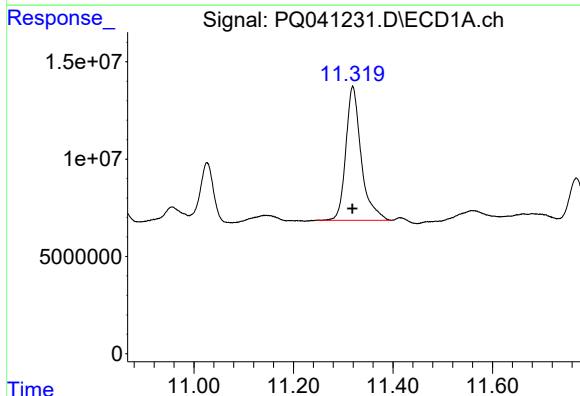
R.T.: 0.000 min
Exp R.T.: 10.853 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



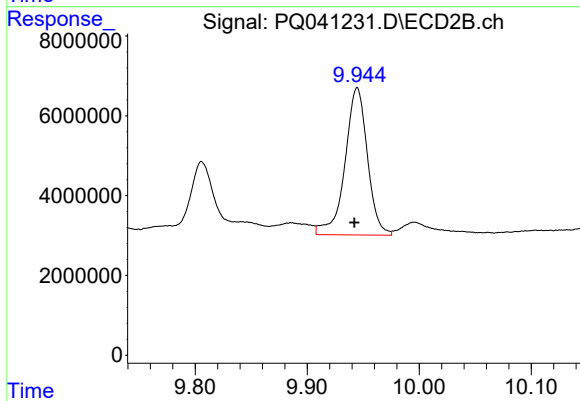
#43 AR-1268-3

R.T.: 9.634 min
Delta R.T.: 0.000 min
Response: 10221088
Conc: 15.66 ng/ml



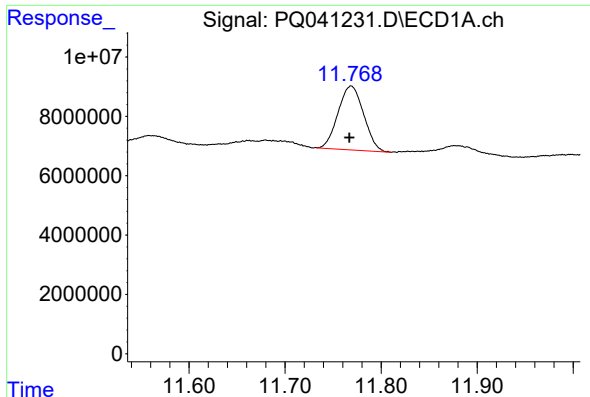
#44 AR-1268-4

R.T.: 11.319 min
Delta R.T.: 0.000 min
Response: 147798700
Conc: 224.57 ng/ml



#44 AR-1268-4

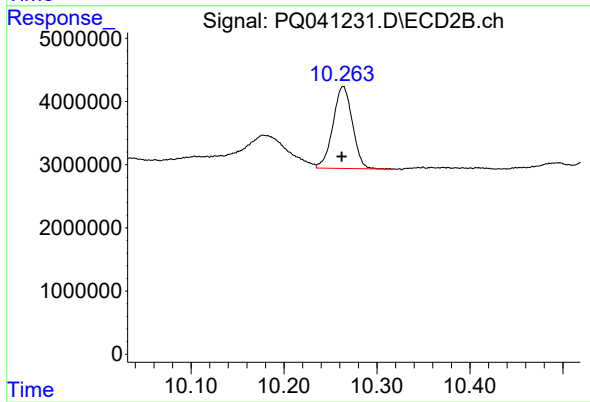
R.T.: 9.945 min
Delta R.T.: 0.002 min
Response: 51479664
Conc: 186.89 ng/ml



#45 AR-1268-5

R.T.: 11.769 min
Delta R.T.: 0.002 min
Response: 39740625
Conc: 8.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.264 min
Delta R.T.: 0.001 min
Response: 18812041
Conc: 10.63 ng/ml