

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
 Data File : PQ051319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2020 21:39
 Operator : DD\AJ
 Sample : AR1248CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 08:02:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 05:59:02 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.234	4.253	483.1E6	133.1E6	21.339	22.326
2)	SA Decachlor...	11.430	9.608	729.5E6	233.7E6	44.455	45.764
Target Compounds							
3)	L1 AR-1016-1	6.557	5.515	179.2E6	52666526	238.322	248.502
4)	L1 AR-1016-2	6.582	5.535	215.3E6	52706126	198.076	176.846
5)	L1 AR-1016-3	6.649	5.730	99350859	33220620	154.495	217.137 #
6)	L1 AR-1016-4	6.755	5.778	115.2E6	70844305	212.755	583.951 #
7)	L1 AR-1016-5	7.070	6.009	291.6E6	86689016	560.040	554.233
8)	L2 AR-1221-1	0.000	4.511	0	1019316	N.D.	16.568 #
9)	L2 AR-1221-2	5.588	4.610	7393640	2840950	48.164	66.418 #
10)	L2 AR-1221-3	5.671	4.701	13302094	3912062	25.452	26.675
11)	L3 AR-1232-1	5.671	4.701	13302094	3912062	31.209	32.857
12)	L3 AR-1232-2	6.263	5.535	71461682	52706126	317.958	423.126 #
13)	L3 AR-1232-3	6.582	5.730	215.3E6	33220620	463.640	523.490
14)	L3 AR-1232-4	6.755	5.824	115.2E6	73610510	496.949	1335.297 #
15)	L3 AR-1232-5	6.851	6.009	251.3E6	86689016	1503.298	1449.778
16)	L4 AR-1242-1	6.557	5.515	179.2E6	52666526	296.374	313.113
17)	L4 AR-1242-2	6.582	5.535	215.3E6	52706126	248.711	225.713
18)	L4 AR-1242-3	6.649	5.730	99350859	33220620	192.367	274.586 #
19)	L4 AR-1242-4	6.755	5.824	115.2E6	73610510	267.147	630.931 #
20)	L4 AR-1242-5	7.539	6.388	334.9E6	134.6E6	713.941	850.795
21)	L5 AR-1248-1	6.557	5.515	179.2E6	52666526	415.480	444.352
22)	L5 AR-1248-2	6.851	5.778	251.3E6	70844305	417.252	430.182
23)	L5 AR-1248-3	7.070	5.824	291.6E6	73610510	419.865	431.290
24)	L5 AR-1248-4	7.498	6.009	342.0E6	86689016	422.236	420.131
25)	L5 AR-1248-5	7.539	6.432	334.9E6	93712266	426.296	436.913
26)	L6 AR-1254-1	7.468	6.388	266.4E6	134.6E6	310.614	375.831
27)	L6 AR-1254-2	7.703	6.547	334.2E6	37069524	250.718	119.644 #
28)	L6 AR-1254-3	8.080	6.969	175.2E6	58455223	121.009	113.122
29)	L6 AR-1254-4	8.375	7.207	122.7E6	40267960	117.118	123.699
30)	L6 AR-1254-5	8.803	7.637	22469184	13137740	20.369	28.953 #
31)	L7 AR-1260-1	8.246	7.118	16969445	22478522	19.475	73.039 #
32)	L7 AR-1260-2	8.503	7.301	27319335	5664112	26.672	14.598 #
33)	L7 AR-1260-3	0.000	7.456	0	7353020	N.D.	20.354 #
34)	L7 AR-1260-4	9.113	7.942	11070892	2055424	13.114	6.562 #
35)	L7 AR-1260-5	0.000	8.187	0	2225599	N.D.	2.833 #
36)	L8 AR-1262-1	0.000	7.637	0	13137740	N.D.	56.480 #
37)	L8 AR-1262-2	0.000	8.187	0	2225599	N.D.	2.587 #
38)	L8 AR-1262-3	0.000	8.469	0	313170	N.D.	0.999 #
39)	L8 AR-1262-4	0.000	8.536	0	2288491	N.D.	3.728 #
40)	L8 AR-1262-5	0.000	9.044	0	2566059	N.D.	9.234 #
41)	L9 AR-1268-1	0.000	8.469	0	313170	N.D.	0.333 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112520\
Data File : PQ051319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2020 21:39
Operator : DD\AJ
Sample : AR1248CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

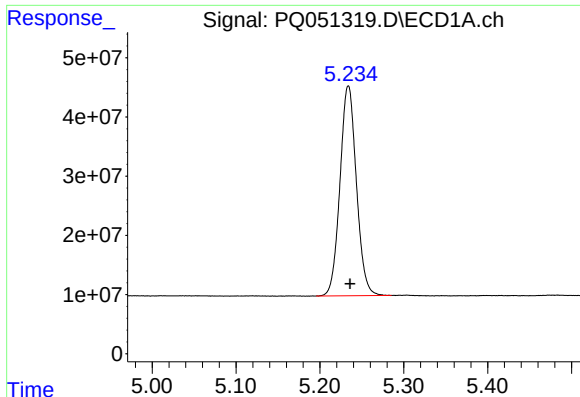
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 08:02:51 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111820CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Nov 19 05:59:02 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	0.000	8.536	0	2288491	N.D.	2.576 #
43)	L9 AR-1268-3	0.000	8.752	0	2641821	N.D.	3.526 #
44)	L9 AR-1268-4	0.000	9.044	0	2566059	N.D.	8.180 #
45)	L9 AR-1268-5	0.000	9.343	0	2831469	N.D.	1.164 #

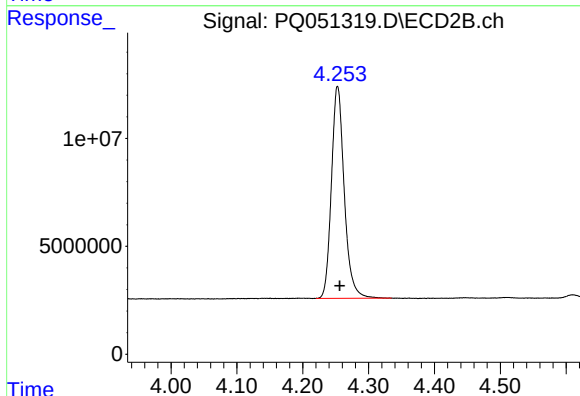
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

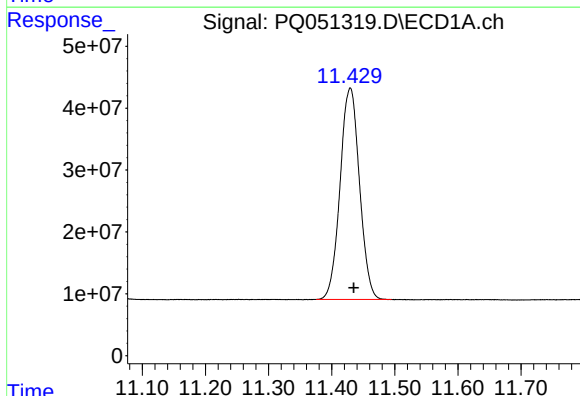
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 483145786
Conc: 21.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



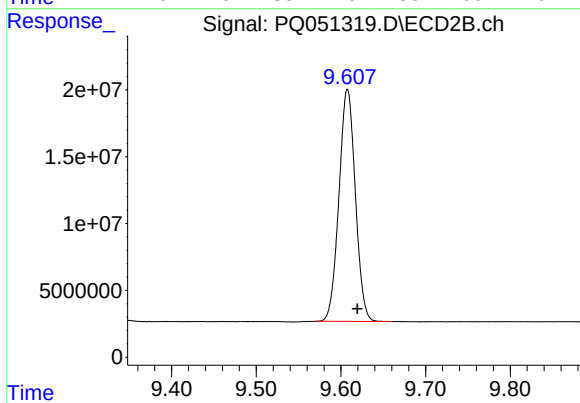
#1 Tetrachloro-m-xylene

R.T.: 4.253 min
Delta R.T.: -0.003 min
Response: 133111429
Conc: 22.33 ng/ml



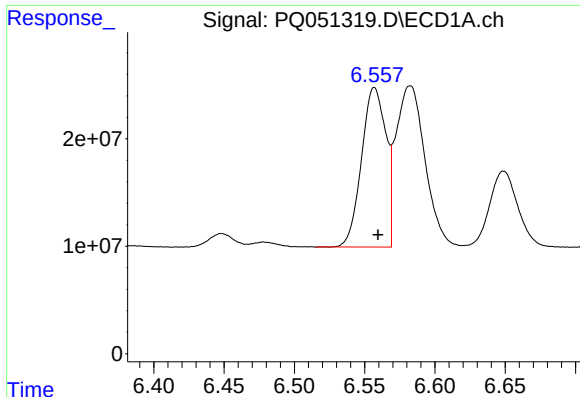
#2 Decachlorobiphenyl

R.T.: 11.430 min
Delta R.T.: -0.005 min
Response: 729465977
Conc: 44.46 ng/ml



#2 Decachlorobiphenyl

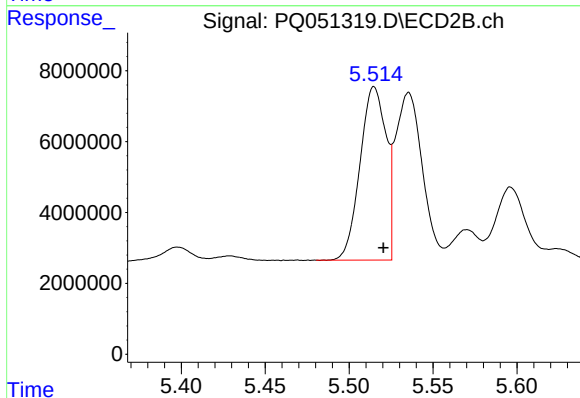
R.T.: 9.608 min
Delta R.T.: -0.011 min
Response: 233705072
Conc: 45.76 ng/ml



#3 AR-1016-1

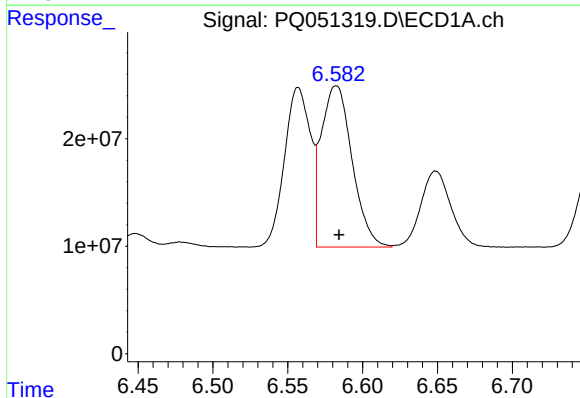
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 179171028
Conc: 238.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



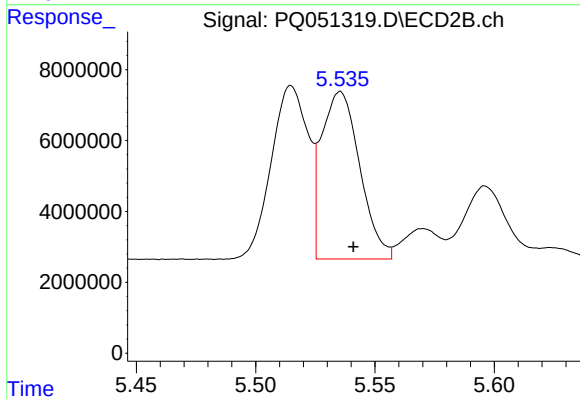
#3 AR-1016-1

R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 52666526
Conc: 248.50 ng/ml



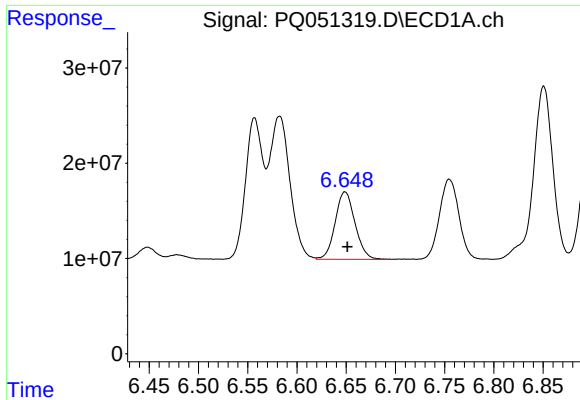
#4 AR-1016-2

R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 215310793
Conc: 198.08 ng/ml



#4 AR-1016-2

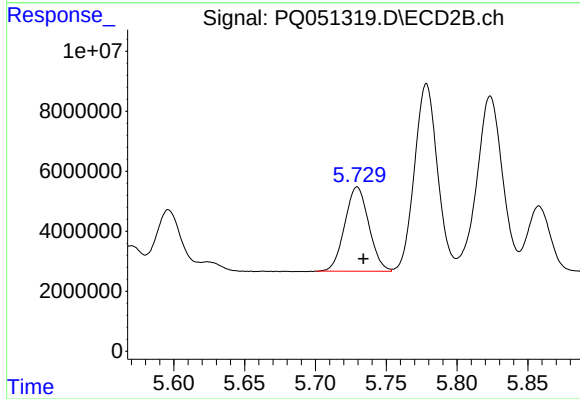
R.T.: 5.535 min
Delta R.T.: -0.006 min
Response: 52706126
Conc: 176.85 ng/ml



#5 AR-1016-3

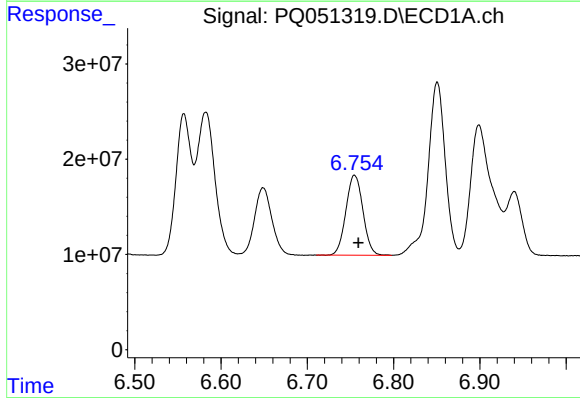
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 99350859
Conc: 154.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



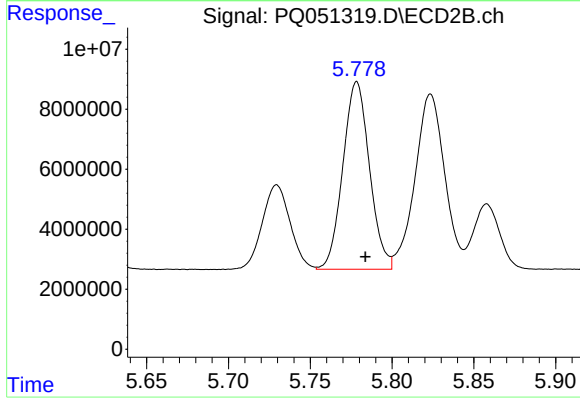
#5 AR-1016-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33220620
Conc: 217.14 ng/ml



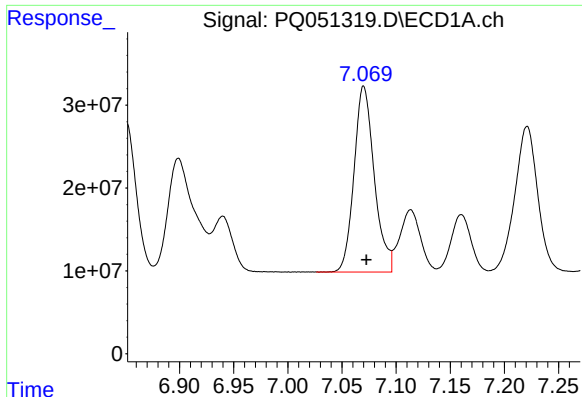
#6 AR-1016-4

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 115234592
Conc: 212.75 ng/ml



#6 AR-1016-4

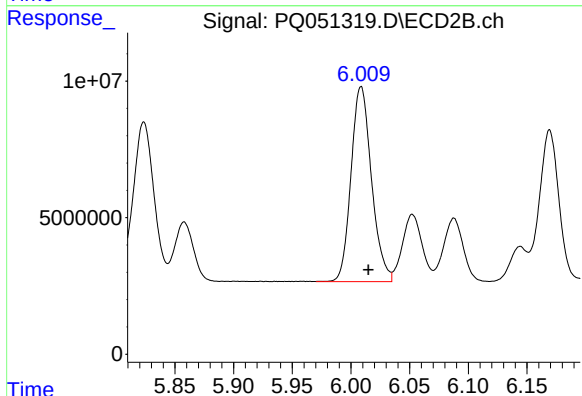
R.T.: 5.778 min
Delta R.T.: -0.005 min
Response: 70844305
Conc: 583.95 ng/ml



#7 AR-1016-5

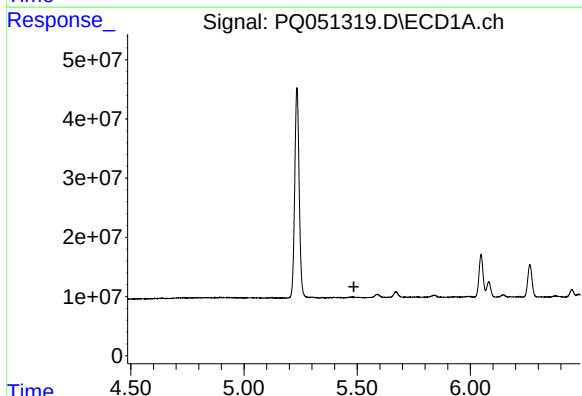
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 291550128
Conc: 560.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



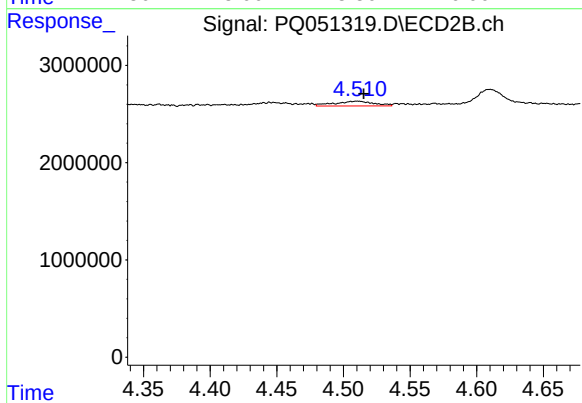
#7 AR-1016-5

R.T.: 6.009 min
Delta R.T.: -0.006 min
Response: 86689016
Conc: 554.23 ng/ml



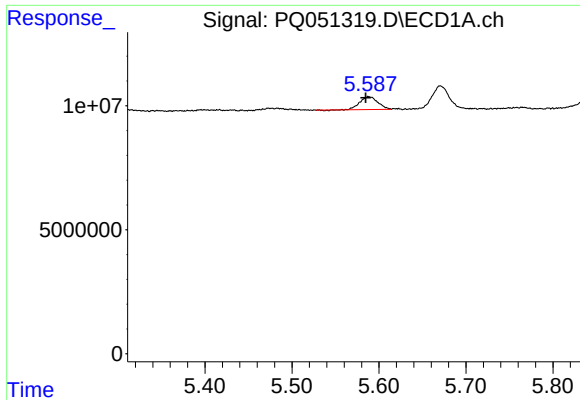
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#8 AR-1221-1

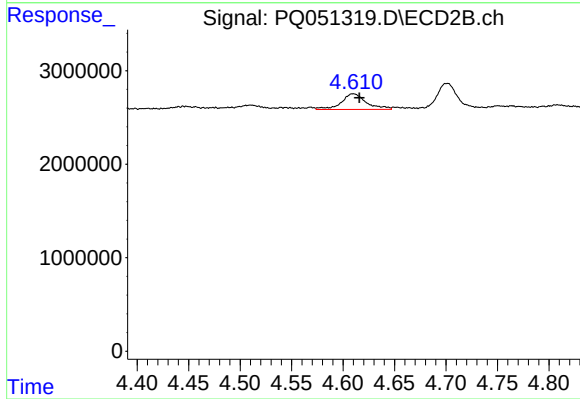
R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 1019316
Conc: 16.57 ng/ml



#9 AR-1221-2

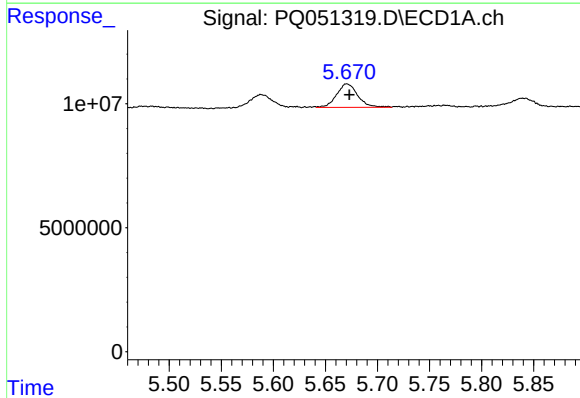
R.T.: 5.588 min
Delta R.T.: 0.003 min
Response: 7393640
Conc: 48.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



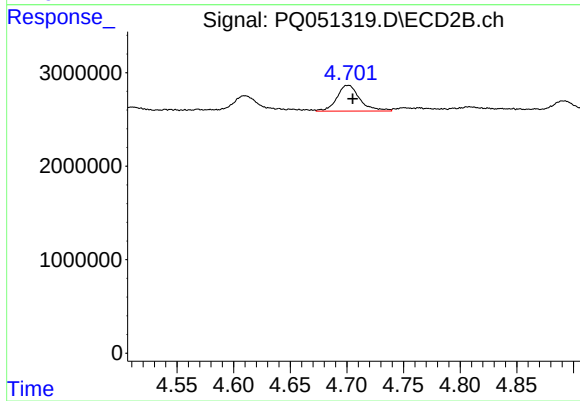
#9 AR-1221-2

R.T.: 4.610 min
Delta R.T.: -0.006 min
Response: 2840950
Conc: 66.42 ng/ml



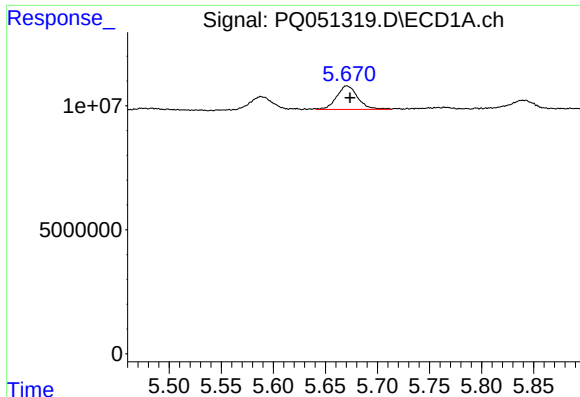
#10 AR-1221-3

R.T.: 5.671 min
Delta R.T.: -0.002 min
Response: 13302094
Conc: 25.45 ng/ml



#10 AR-1221-3

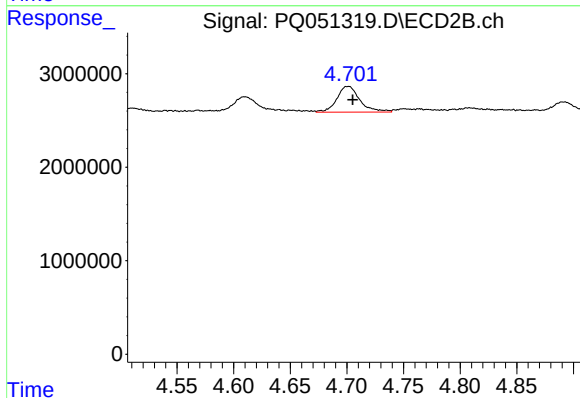
R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 3912062
Conc: 26.67 ng/ml



#11 AR-1232-1

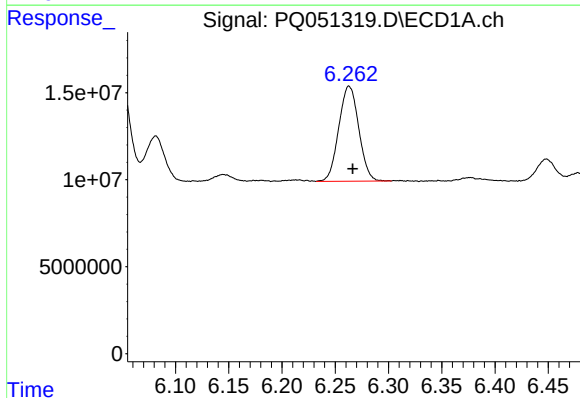
R.T.: 5.671 min
Delta R.T.: -0.003 min
Response: 13302094
Conc: 31.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



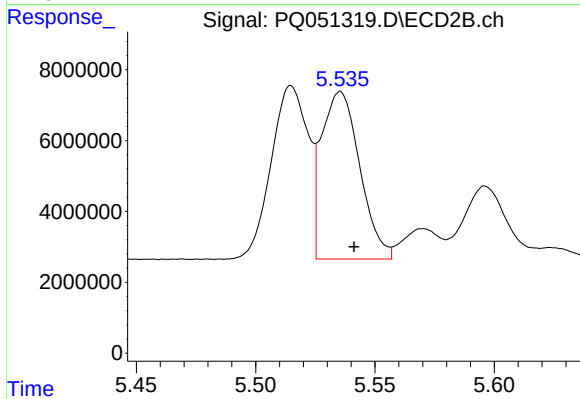
#11 AR-1232-1

R.T.: 4.701 min
Delta R.T.: -0.004 min
Response: 3912062
Conc: 32.86 ng/ml



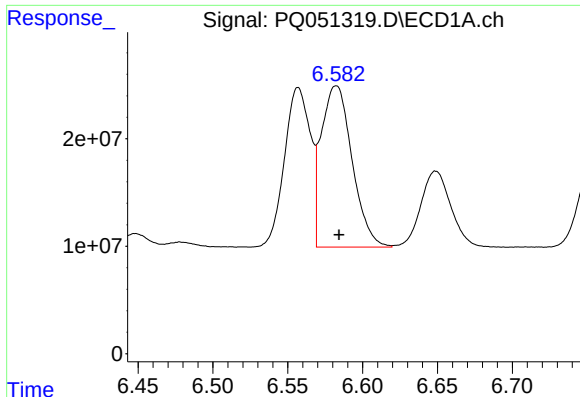
#12 AR-1232-2

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 71461682
Conc: 317.96 ng/ml



#12 AR-1232-2

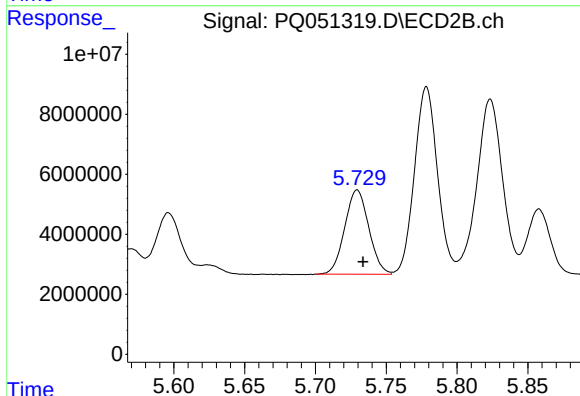
R.T.: 5.535 min
Delta R.T.: -0.006 min
Response: 52706126
Conc: 423.13 ng/ml



#13 AR-1232-3

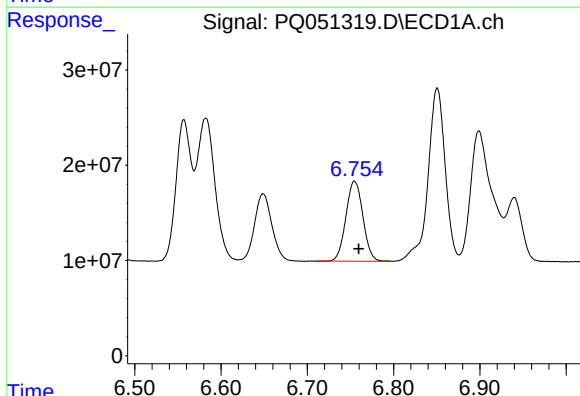
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 215310793
Conc: 463.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



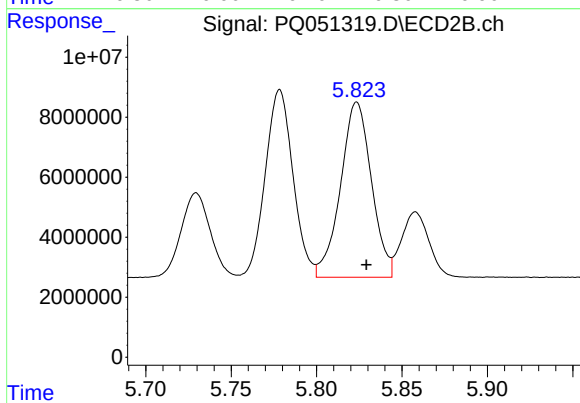
#13 AR-1232-3

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33220620
Conc: 523.49 ng/ml



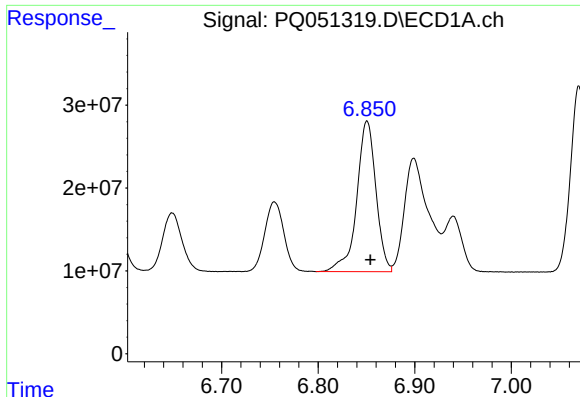
#14 AR-1232-4

R.T.: 6.755 min
Delta R.T.: -0.005 min
Response: 115234592
Conc: 496.95 ng/ml



#14 AR-1232-4

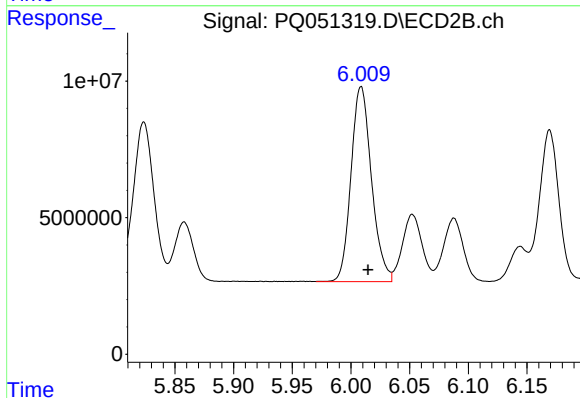
R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 73610510
Conc: 1335.30 ng/ml



#15 AR-1232-5

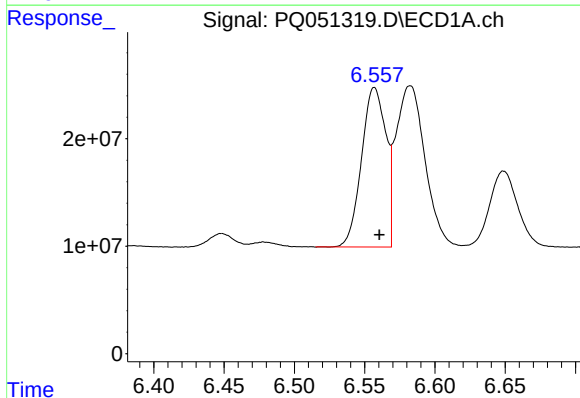
R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 251280879
Conc: 1503.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



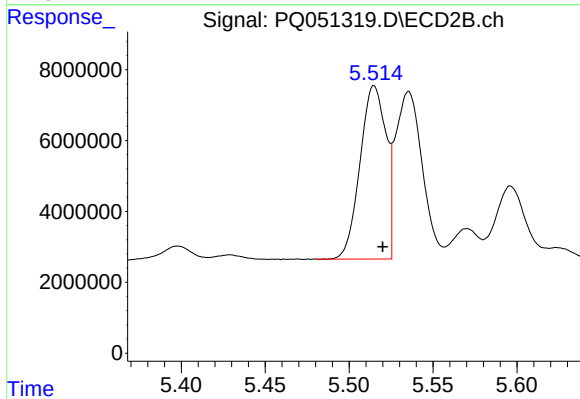
#15 AR-1232-5

R.T.: 6.009 min
Delta R.T.: -0.006 min
Response: 86689016
Conc: 1449.78 ng/ml



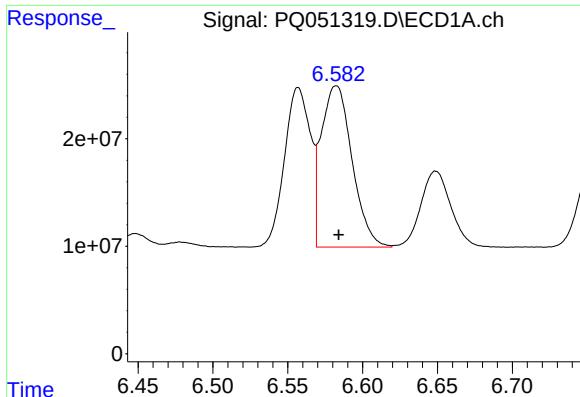
#16 AR-1242-1

R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 179171028
Conc: 296.37 ng/ml



#16 AR-1242-1

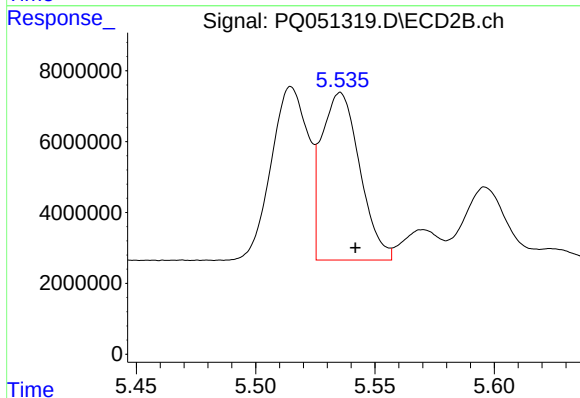
R.T.: 5.515 min
Delta R.T.: -0.005 min
Response: 52666526
Conc: 313.11 ng/ml



#17 AR-1242-2

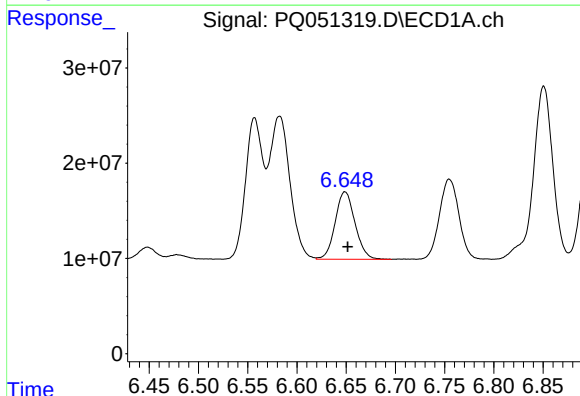
R.T.: 6.582 min
Delta R.T.: -0.002 min
Response: 215310793
Conc: 248.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



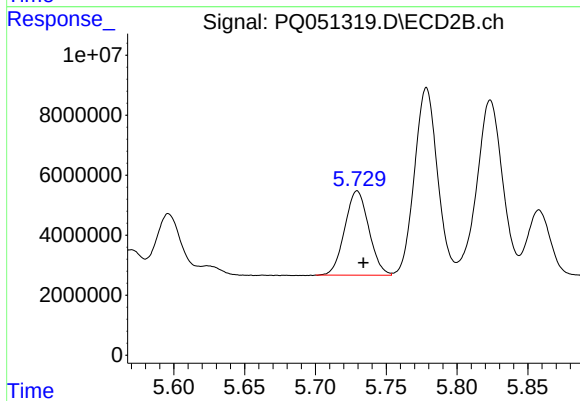
#17 AR-1242-2

R.T.: 5.535 min
Delta R.T.: -0.006 min
Response: 52706126
Conc: 225.71 ng/ml



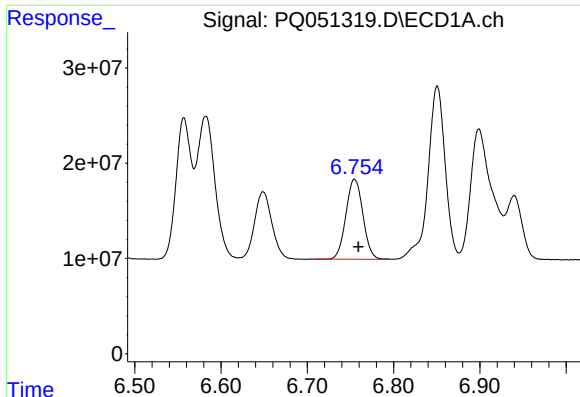
#18 AR-1242-3

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 99350859
Conc: 192.37 ng/ml



#18 AR-1242-3

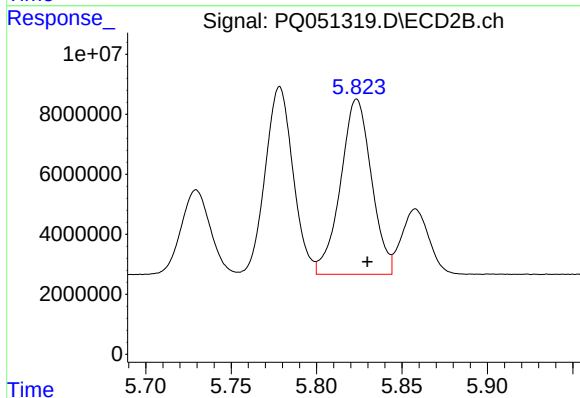
R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 33220620
Conc: 274.59 ng/ml



#19 AR-1242-4

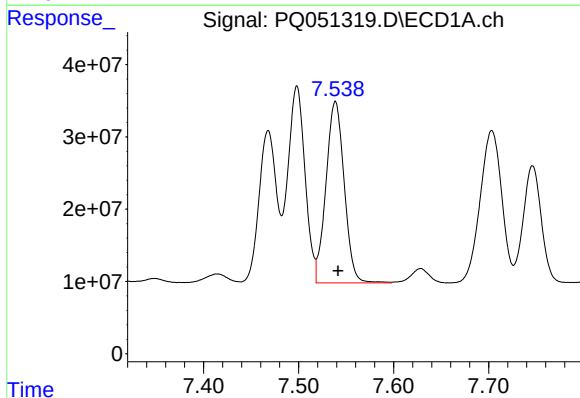
R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 115234592
Conc: 267.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



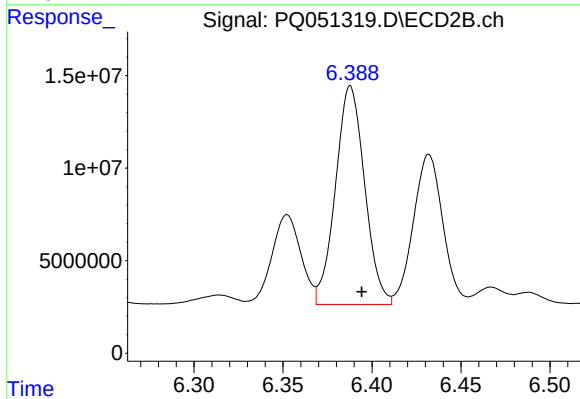
#19 AR-1242-4

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 73610510
Conc: 630.93 ng/ml



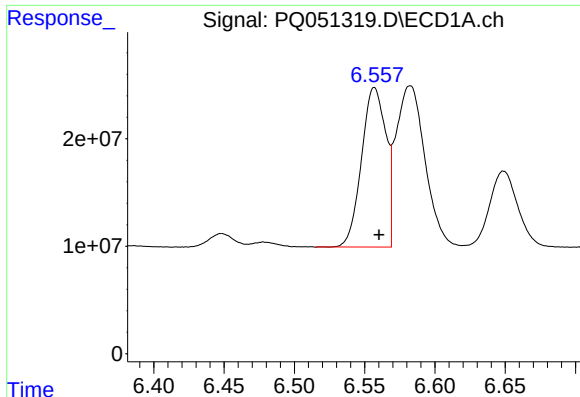
#20 AR-1242-5

R.T.: 7.539 min
Delta R.T.: -0.003 min
Response: 334856641
Conc: 713.94 ng/ml



#20 AR-1242-5

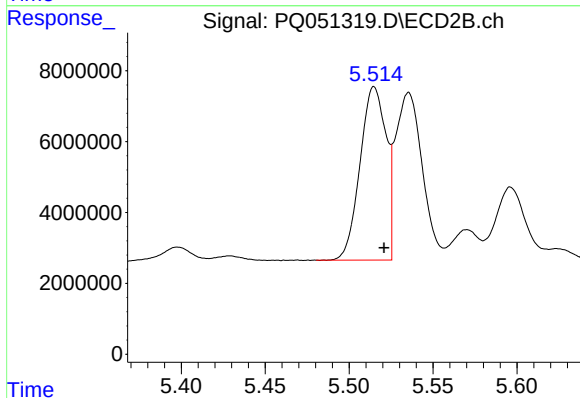
R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 134609216
Conc: 850.79 ng/ml



#21 AR-1248-1

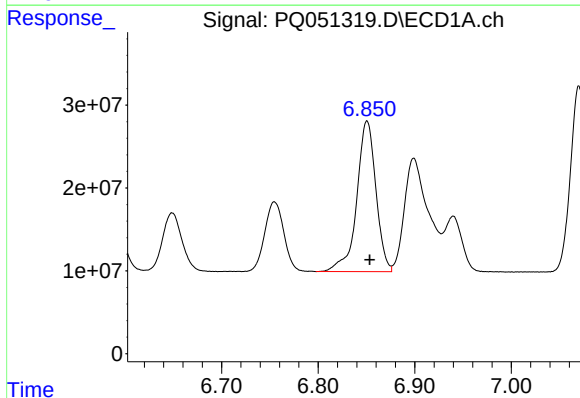
R.T.: 6.557 min
Delta R.T.: -0.003 min
Response: 179171028
Conc: 415.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



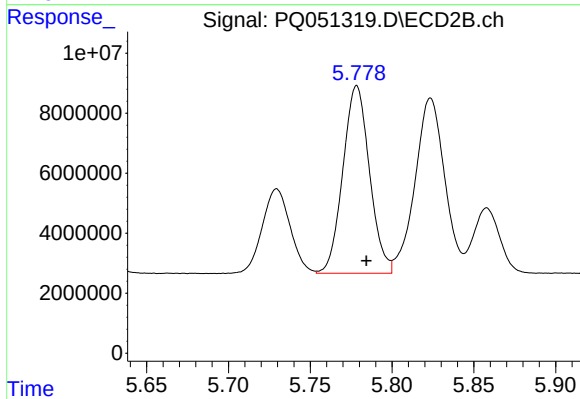
#21 AR-1248-1

R.T.: 5.515 min
Delta R.T.: -0.006 min
Response: 52666526
Conc: 444.35 ng/ml



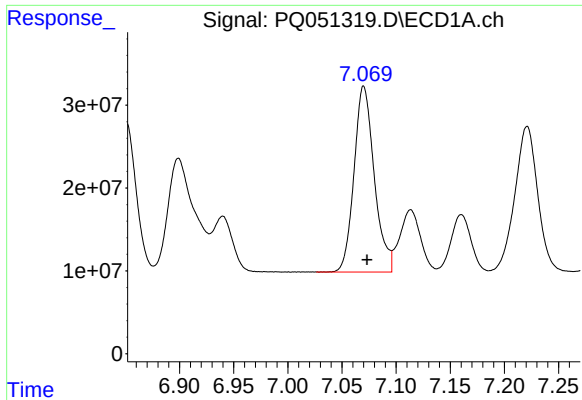
#22 AR-1248-2

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 251280879
Conc: 417.25 ng/ml



#22 AR-1248-2

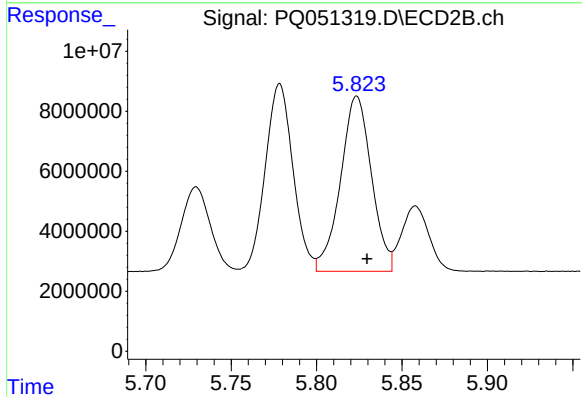
R.T.: 5.778 min
Delta R.T.: -0.006 min
Response: 70844305
Conc: 430.18 ng/ml



#23 AR-1248-3

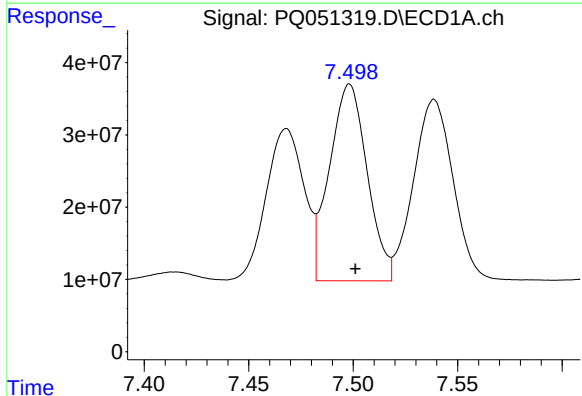
R.T.: 7.070 min
Delta R.T.: -0.003 min
Response: 291550128
Conc: 419.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



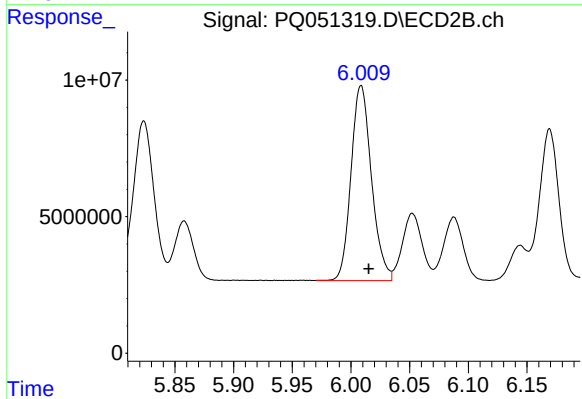
#23 AR-1248-3

R.T.: 5.824 min
Delta R.T.: -0.006 min
Response: 73610510
Conc: 431.29 ng/ml



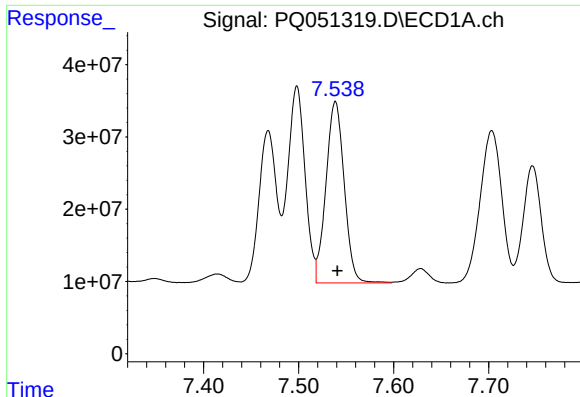
#24 AR-1248-4

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 342008897
Conc: 422.24 ng/ml



#24 AR-1248-4

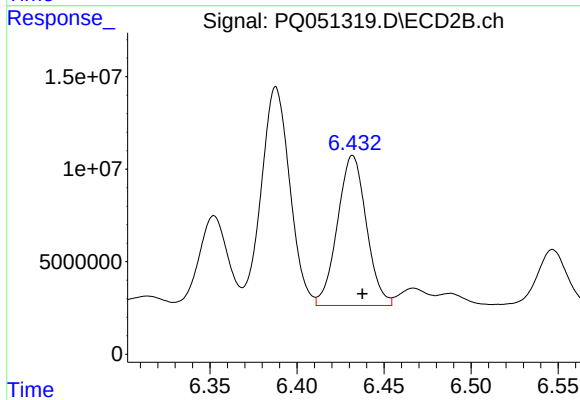
R.T.: 6.009 min
Delta R.T.: -0.007 min
Response: 86689016
Conc: 420.13 ng/ml



#25 AR-1248-5

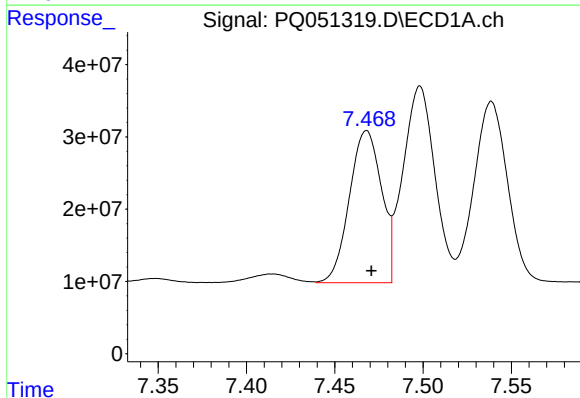
R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 334856641
Conc: 426.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



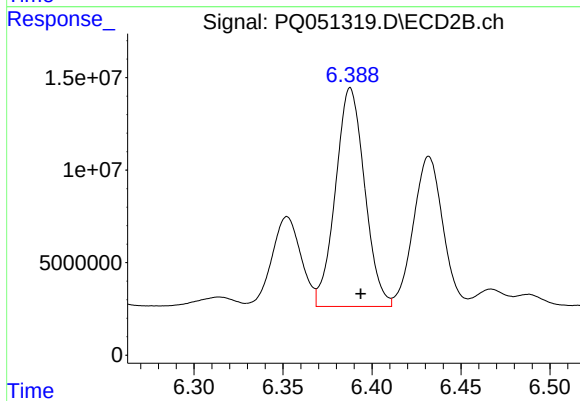
#25 AR-1248-5

R.T.: 6.432 min
Delta R.T.: -0.006 min
Response: 93712266
Conc: 436.91 ng/ml



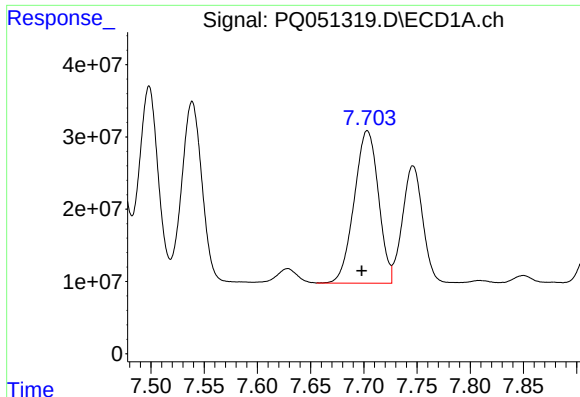
#26 AR-1254-1

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 266378616
Conc: 310.61 ng/ml



#26 AR-1254-1

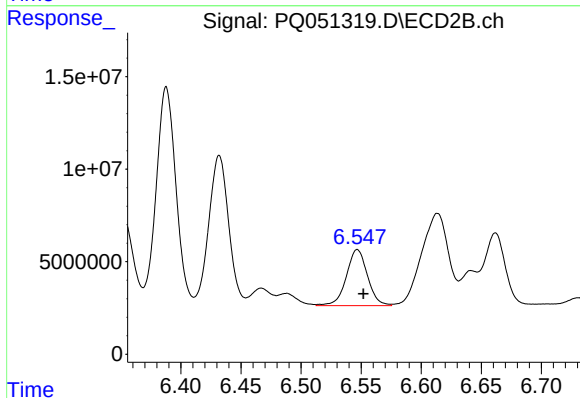
R.T.: 6.388 min
Delta R.T.: -0.006 min
Response: 134609216
Conc: 375.83 ng/ml



#27 AR-1254-2

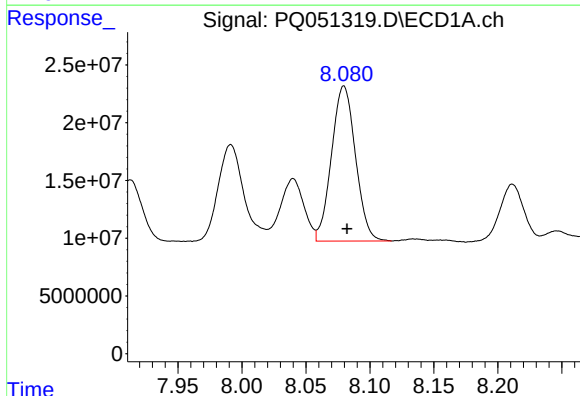
R.T.: 7.703 min
Delta R.T.: 0.005 min
Response: 334153329
Conc: 250.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



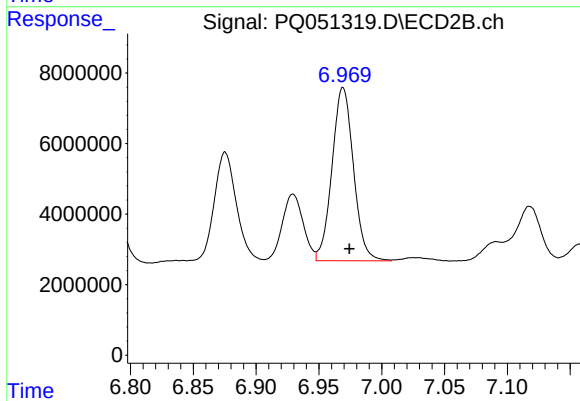
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: -0.005 min
Response: 37069524
Conc: 119.64 ng/ml



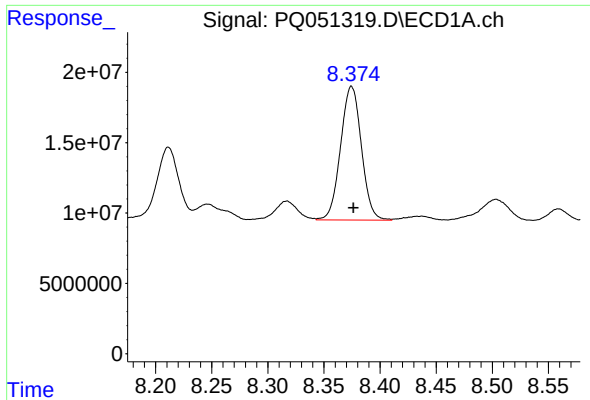
#28 AR-1254-3

R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 175242687
Conc: 121.01 ng/ml



#28 AR-1254-3

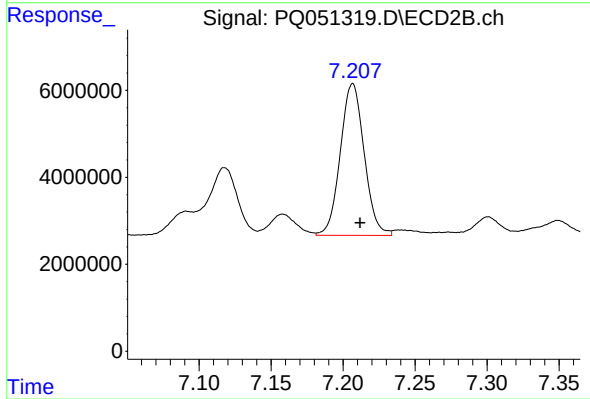
R.T.: 6.969 min
Delta R.T.: -0.005 min
Response: 58455223
Conc: 113.12 ng/ml



#29 AR-1254-4

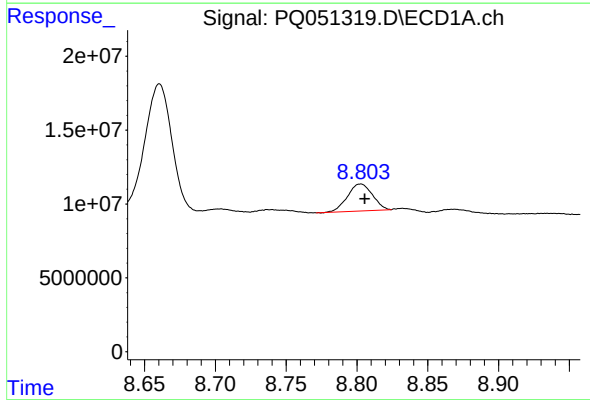
R.T.: 8.375 min
Delta R.T.: -0.002 min
Response: 122670762
Conc: 117.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



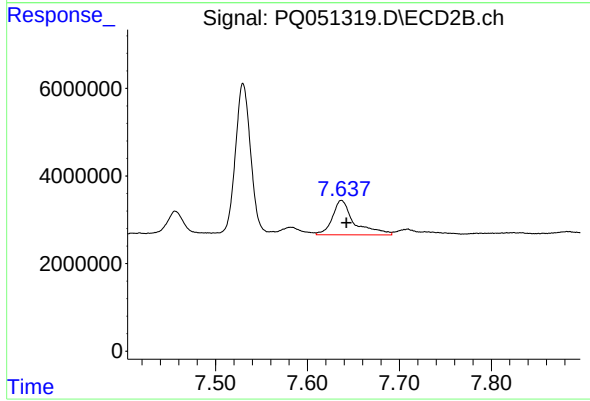
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: -0.005 min
Response: 40267960
Conc: 123.70 ng/ml



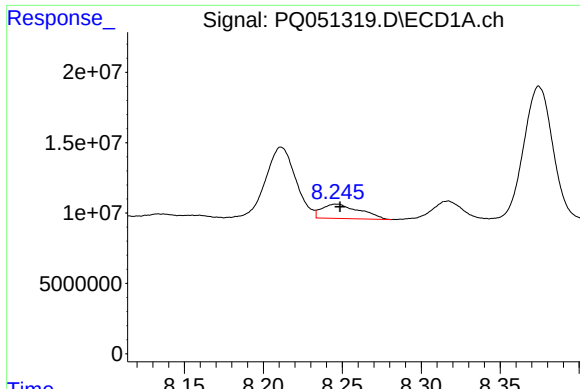
#30 AR-1254-5

R.T.: 8.803 min
Delta R.T.: -0.003 min
Response: 22469184
Conc: 20.37 ng/ml



#30 AR-1254-5

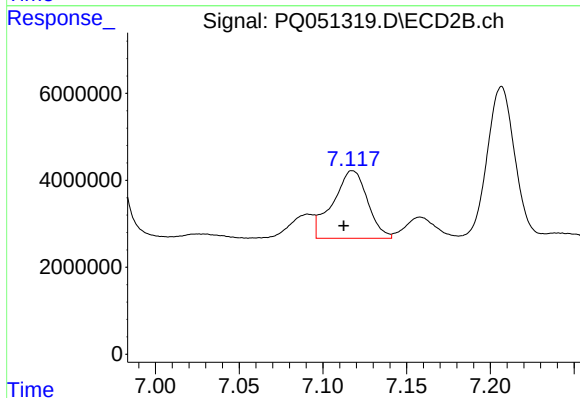
R.T.: 7.637 min
Delta R.T.: -0.006 min
Response: 13137740
Conc: 28.95 ng/ml



#31 AR-1260-1

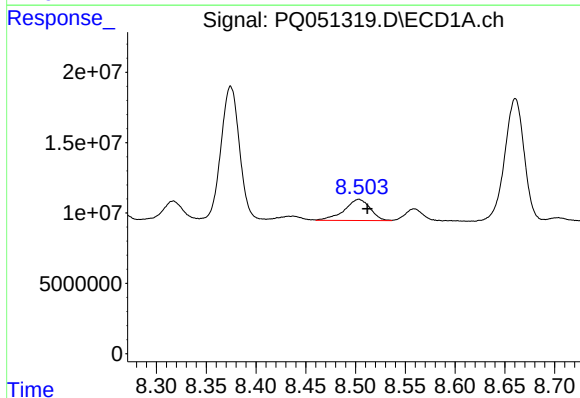
R.T.: 8.246 min
Delta R.T.: -0.002 min
Response: 16969445
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



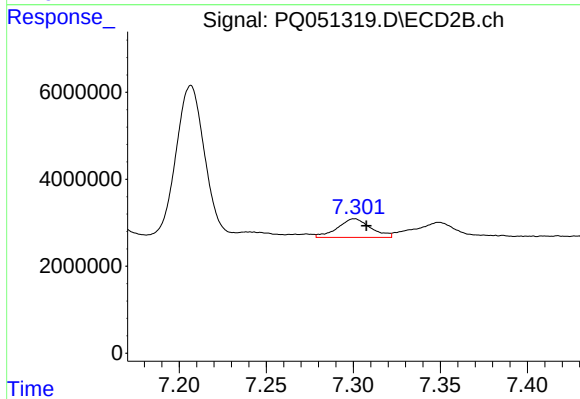
#31 AR-1260-1

R.T.: 7.118 min
Delta R.T.: 0.005 min
Response: 22478522
Conc: 73.04 ng/ml



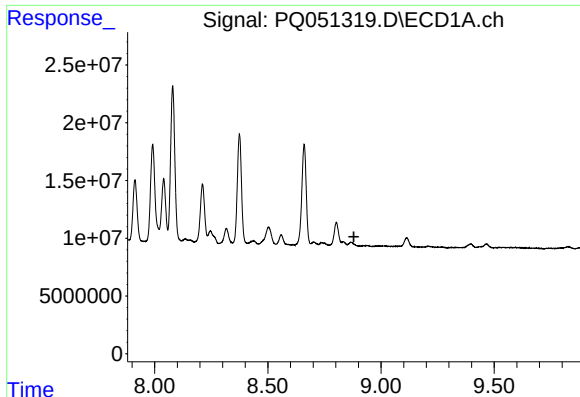
#32 AR-1260-2

R.T.: 8.503 min
Delta R.T.: -0.009 min
Response: 27319335
Conc: 26.67 ng/ml



#32 AR-1260-2

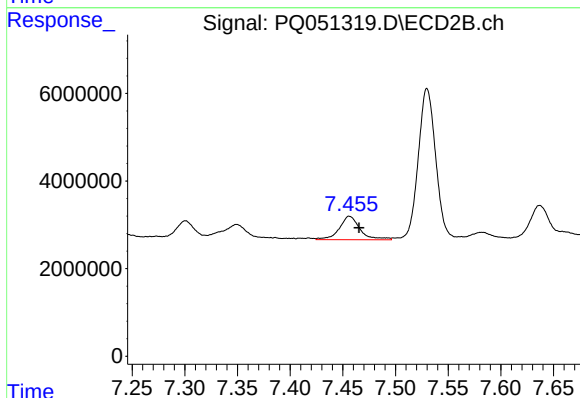
R.T.: 7.301 min
Delta R.T.: -0.007 min
Response: 5664112
Conc: 14.60 ng/ml



#33 AR-1260-3

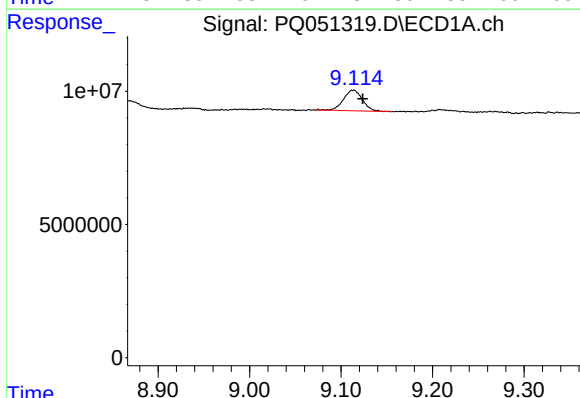
R.T.: 0.000 min
Exp R.T.: 8.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



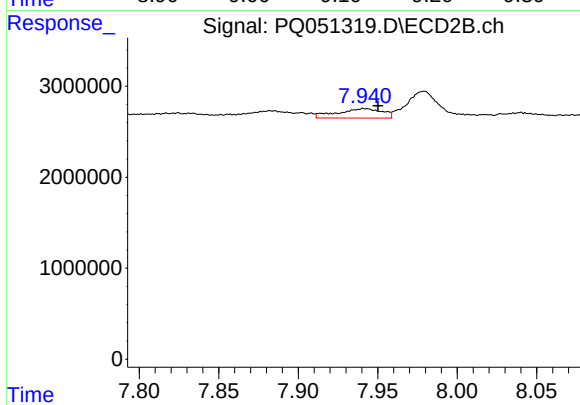
#33 AR-1260-3

R.T.: 7.456 min
Delta R.T.: -0.009 min
Response: 7353020
Conc: 20.35 ng/ml



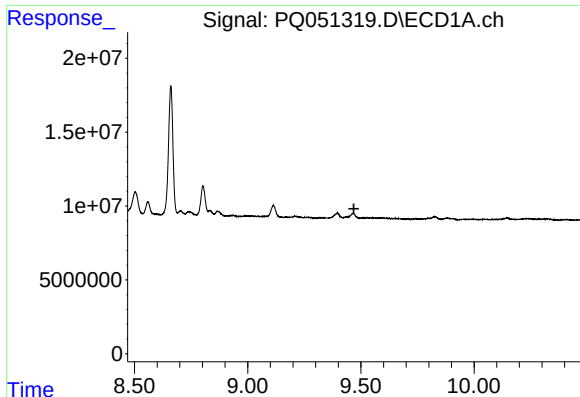
#34 AR-1260-4

R.T.: 9.113 min
Delta R.T.: -0.010 min
Response: 11070892
Conc: 13.11 ng/ml



#34 AR-1260-4

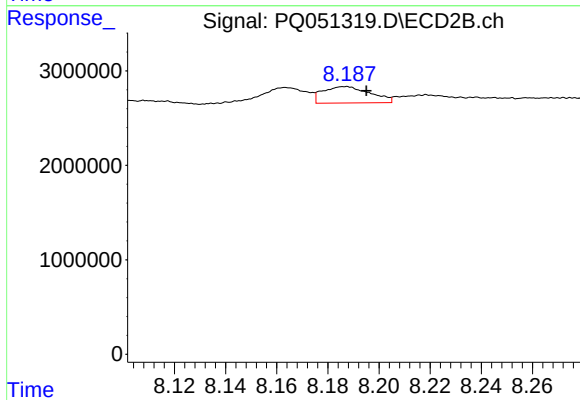
R.T.: 7.942 min
Delta R.T.: -0.009 min
Response: 2055424
Conc: 6.56 ng/ml



#35 AR-1260-5

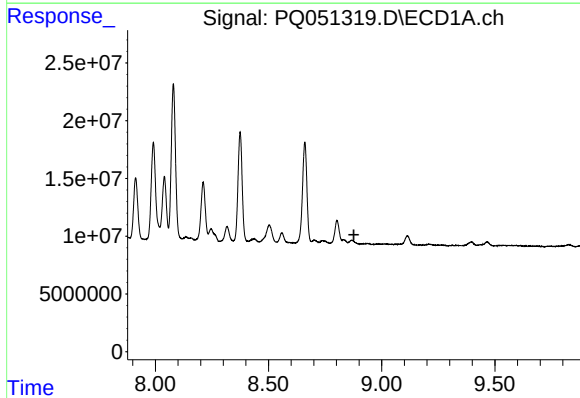
R.T.: 0.000 min
Exp R.T.: 9.469 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



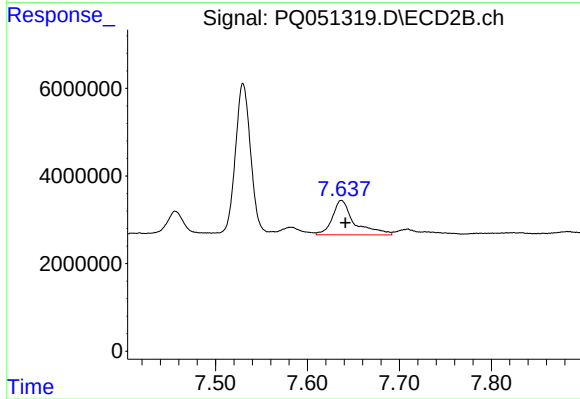
#35 AR-1260-5

R.T.: 8.187 min
Delta R.T.: -0.008 min
Response: 2225599
Conc: 2.83 ng/ml



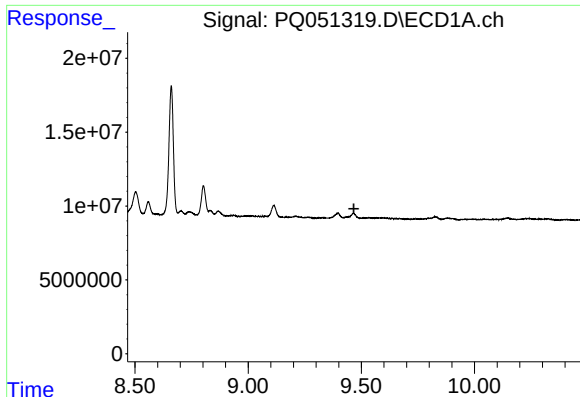
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.877 min
Response: 0
Conc: N.D.



#36 AR-1262-1

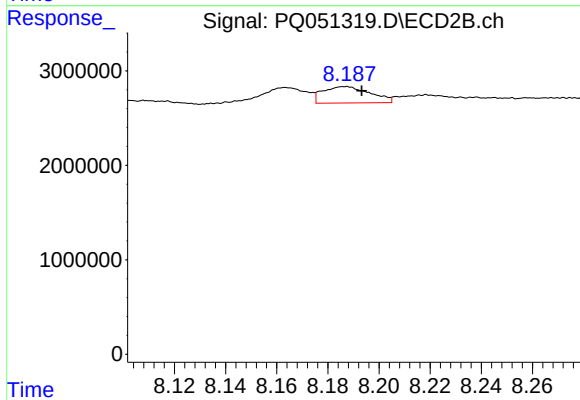
R.T.: 7.637 min
Delta R.T.: -0.005 min
Response: 13137740
Conc: 56.48 ng/ml



#37 AR-1262-2

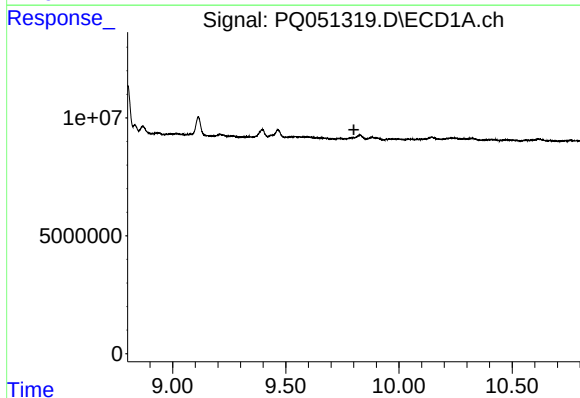
R.T.: 0.000 min
Exp R.T. : 9.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



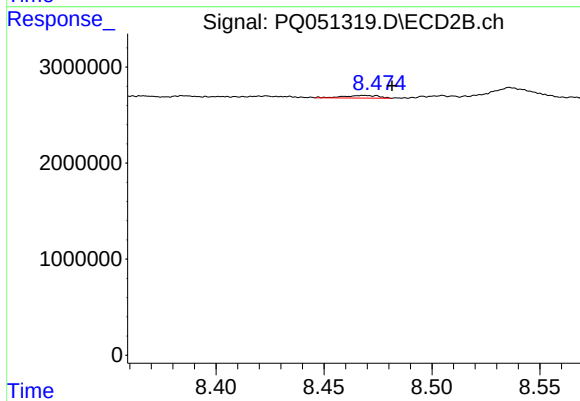
#37 AR-1262-2

R.T.: 8.187 min
Delta R.T.: -0.006 min
Response: 2225599
Conc: 2.59 ng/ml



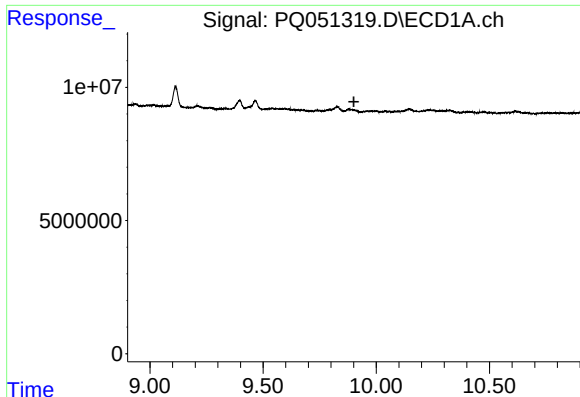
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.801 min
Response: 0
Conc: N.D.



#38 AR-1262-3

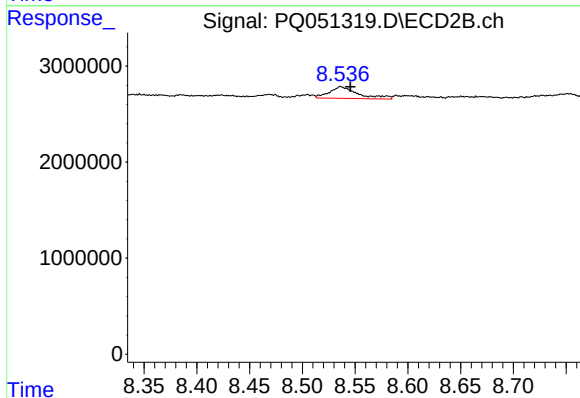
R.T.: 8.469 min
Delta R.T.: -0.013 min
Response: 313170
Conc: 1.00 ng/ml



#39 AR-1262-4

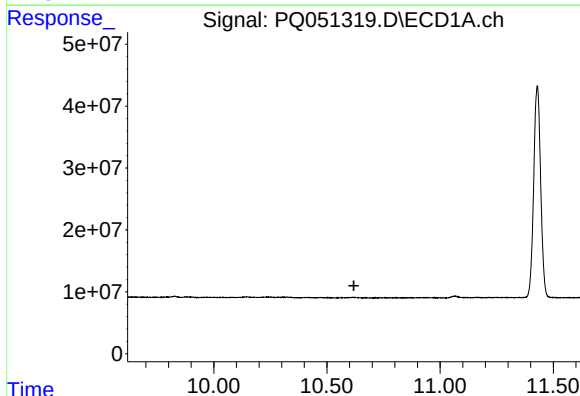
R.T.: 0.000 min
Exp R.T. : 9.901 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



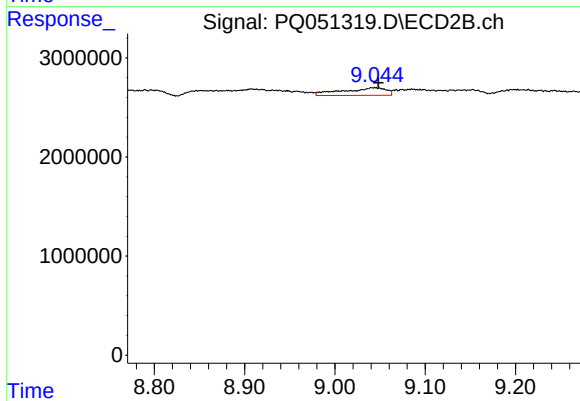
#39 AR-1262-4

R.T.: 8.536 min
Delta R.T.: -0.009 min
Response: 2288491
Conc: 3.73 ng/ml



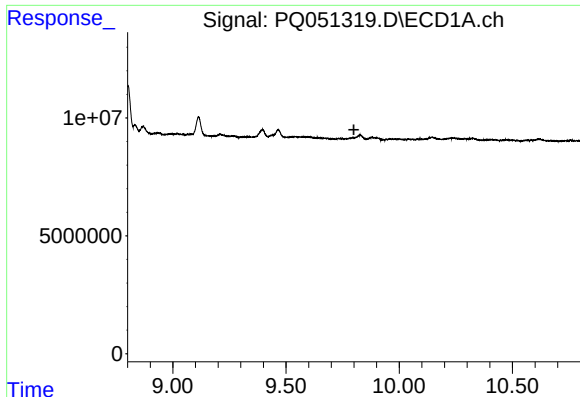
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.619 min
Response: 0
Conc: N.D.



#40 AR-1262-5

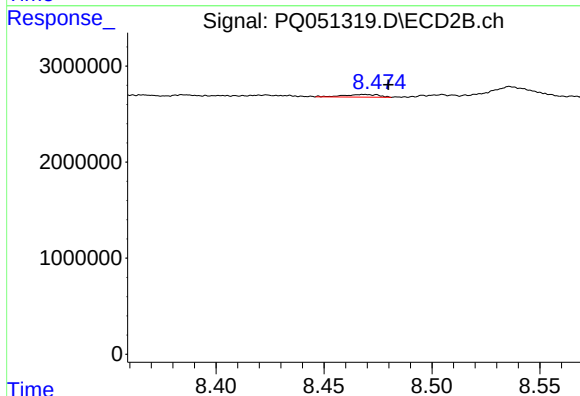
R.T.: 9.044 min
Delta R.T.: -0.004 min
Response: 2566059
Conc: 9.23 ng/ml



#41 AR-1268-1

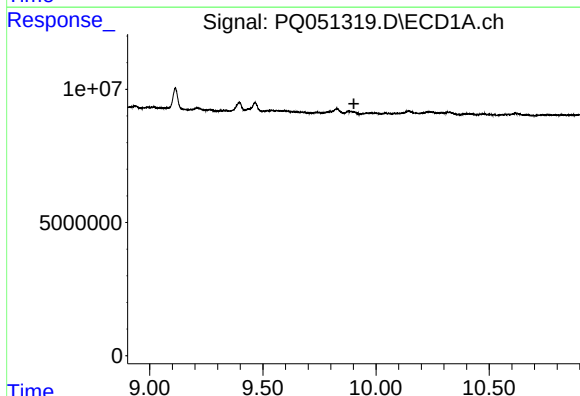
R.T.: 0.000 min
Exp R.T.: 9.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



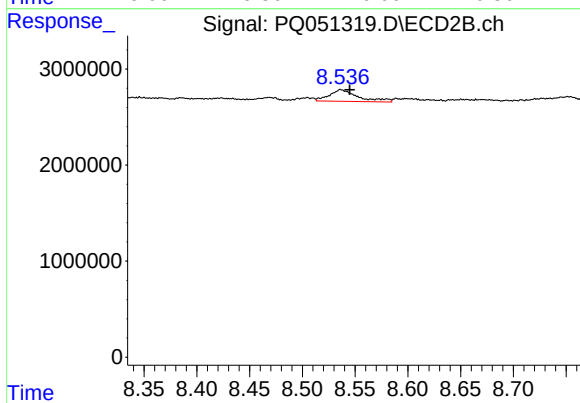
#41 AR-1268-1

R.T.: 8.469 min
Delta R.T.: -0.011 min
Response: 313170
Conc: 0.33 ng/ml



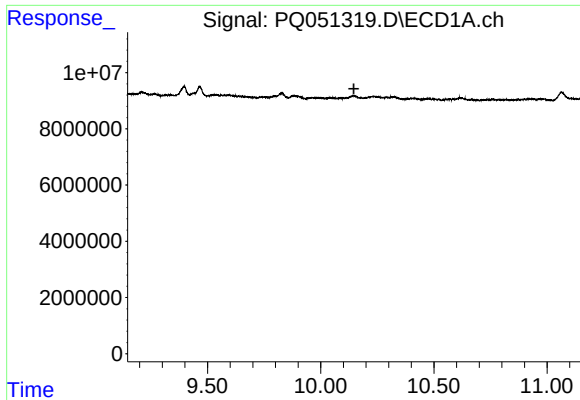
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.902 min
Response: 0
Conc: N.D.



#42 AR-1268-2

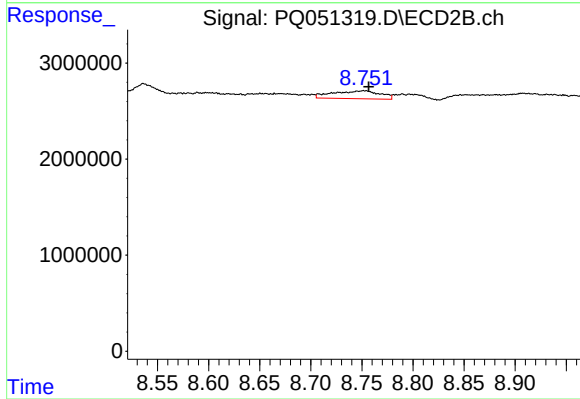
R.T.: 8.536 min
Delta R.T.: -0.009 min
Response: 2288491
Conc: 2.58 ng/ml



#43 AR-1268-3

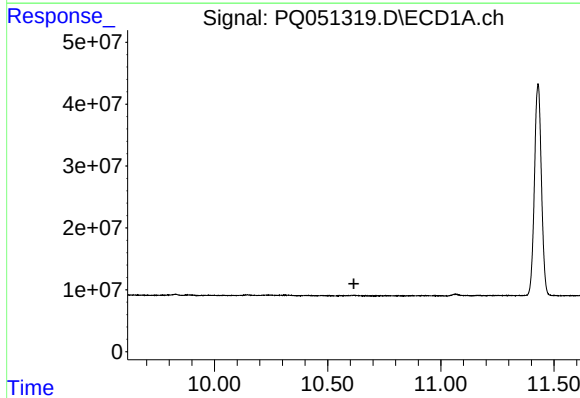
R.T.: 0.000 min
Exp R.T. : 10.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



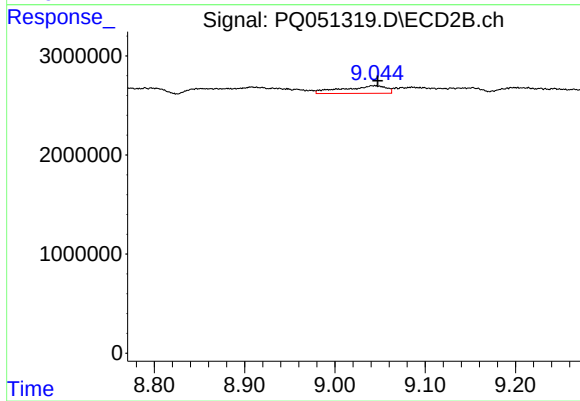
#43 AR-1268-3

R.T.: 8.752 min
Delta R.T.: -0.005 min
Response: 2641821
Conc: 3.53 ng/ml



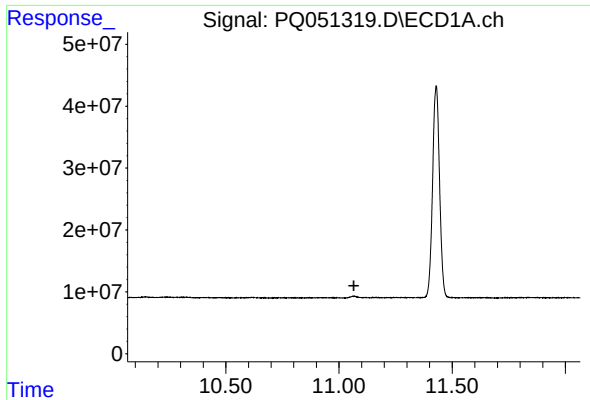
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.616 min
Response: 0
Conc: N.D.



#44 AR-1268-4

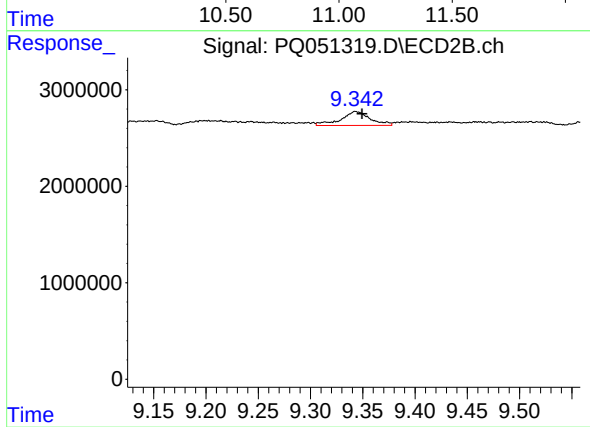
R.T.: 9.044 min
Delta R.T.: -0.004 min
Response: 2566059
Conc: 8.18 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.066 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: -0.006 min
Response: 2831469
Conc: 1.16 ng/ml