

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
 Data File : PQ041763.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 15:17
 Operator : SM\AJ
 Sample : K4040-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:51:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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...	5.698	4.757	40844062	35555986	17.809	18.449
2)	SA Decachlor...	12.100	10.515	203.8E6	129.6E6	24.168	26.791
Target Compounds							
3)	L1 AR-1016-1	0.000	6.209	0	1062673	N.D.	10.241 #
4)	L1 AR-1016-2	0.000	6.231	0	1397523	N.D.	9.755 #
5)	L1 AR-1016-3	0.000	6.435	0	7583285	N.D.	101.691 #
6)	L1 AR-1016-4	0.000	6.499	0	48719428	N.D.	785.667 #
7)	L1 AR-1016-5	7.636	6.753	35631003	26137201	453.262	321.082 #
10)	L2 AR-1221-3	0.000	5.355	0	3832838	N.D.	70.286 #
11)	L3 AR-1232-1	0.000	5.355	0	3832838	N.D.	79.375 #
12)	L3 AR-1232-2	0.000	6.231	0	1397523	N.D.	24.506 #
13)	L3 AR-1232-3	0.000	6.435	0	7583285	N.D.	254.306 #
14)	L3 AR-1232-4	0.000	6.547	0	14556846	N.D.	545.268 #
15)	L3 AR-1232-5	7.459	6.753	54901069	26137201	2554.694	891.259 #
16)	L4 AR-1242-1	0.000	6.209	0	1062673	N.D.	12.985 #
17)	L4 AR-1242-2	0.000	6.231	0	1397523	N.D.	12.374 #
18)	L4 AR-1242-3	0.000	6.435	0	7583285	N.D.	128.372 #
19)	L4 AR-1242-4	0.000	6.547	0	14556846	N.D.	245.489 #
20)	L4 AR-1242-5	8.176	7.160	50248022	174.0E6	566.329	1959.866 #
21)	L5 AR-1248-1	0.000	6.209	0	1062673	N.D.	16.027 #
22)	L5 AR-1248-2	7.459	6.499	54901069	48719428	595.049	558.788
23)	L5 AR-1248-3	7.636	6.547	35631003	14556846	318.017	163.091 #
24)	L5 AR-1248-4	8.138	6.753	199.3E6	26137201	1274.837	237.306 #
25)	L5 AR-1248-5	8.176	7.208	50248022	29401065	332.057	229.383 #
26)	L6 AR-1254-1	8.103	7.160	122.0E6	174.0E6	877.332	951.555
27)	L6 AR-1254-2	8.343	7.329	190.8E6	143.4E6	833.760	885.827
28)	L6 AR-1254-3	8.735	7.777	179.0E6	184.4E6	654.599	639.322
29)	L6 AR-1254-4	9.038	8.026	149.1E6	128.2E6	605.811	590.448
30)	L6 AR-1254-5	9.478	8.472	220.1E6	185.0E6	812.712	615.102
31)	L7 AR-1260-1	8.909	7.919	75838289	89490966	426.332	493.254
32)	L7 AR-1260-2	9.177	8.121	225.0E6	75507394	891.859	307.772 #
33)	L7 AR-1260-3	9.539	8.285	41281980	69026846	180.165	324.409 #
34)	L7 AR-1260-4	9.788	8.784	79875409	17042777	312.817	84.250 #
35)	L7 AR-1260-5	10.144	9.035	52833973	38733778	78.436	65.628
36)	L8 AR-1262-1	0.000	8.565	0	13622576	N.D.	94.954 #
37)	L8 AR-1262-2	10.144	9.035	52833973	38733778	60.353	52.268
38)	L8 AR-1262-3	10.502	9.329	34702955	8651700	54.650	27.347 #
39)	L8 AR-1262-4	0.000	9.396	0	37282590	N.D.	66.296 #
40)	L8 AR-1262-5	0.000	9.921	0	9220905	N.D.	32.286 #
41)	L9 AR-1268-1	10.502	9.329	34702955	8651700	24.361	7.568 #
42)	L9 AR-1268-2	0.000	9.396	0	37282590	N.D.	36.318 #
43)	L9 AR-1268-3	0.000	9.611	0	4796953	N.D.	5.520 #

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2019 15:17
 Operator : SM\AJ
 Sample : K4040-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 00:51:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 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
44) L9	AR-1268-4	0.000	9.921	0	9220905	N.D.	23.971 #
45) L9	AR-1268-5	11.736	10.238	21915979	15102062	5.407	5.814

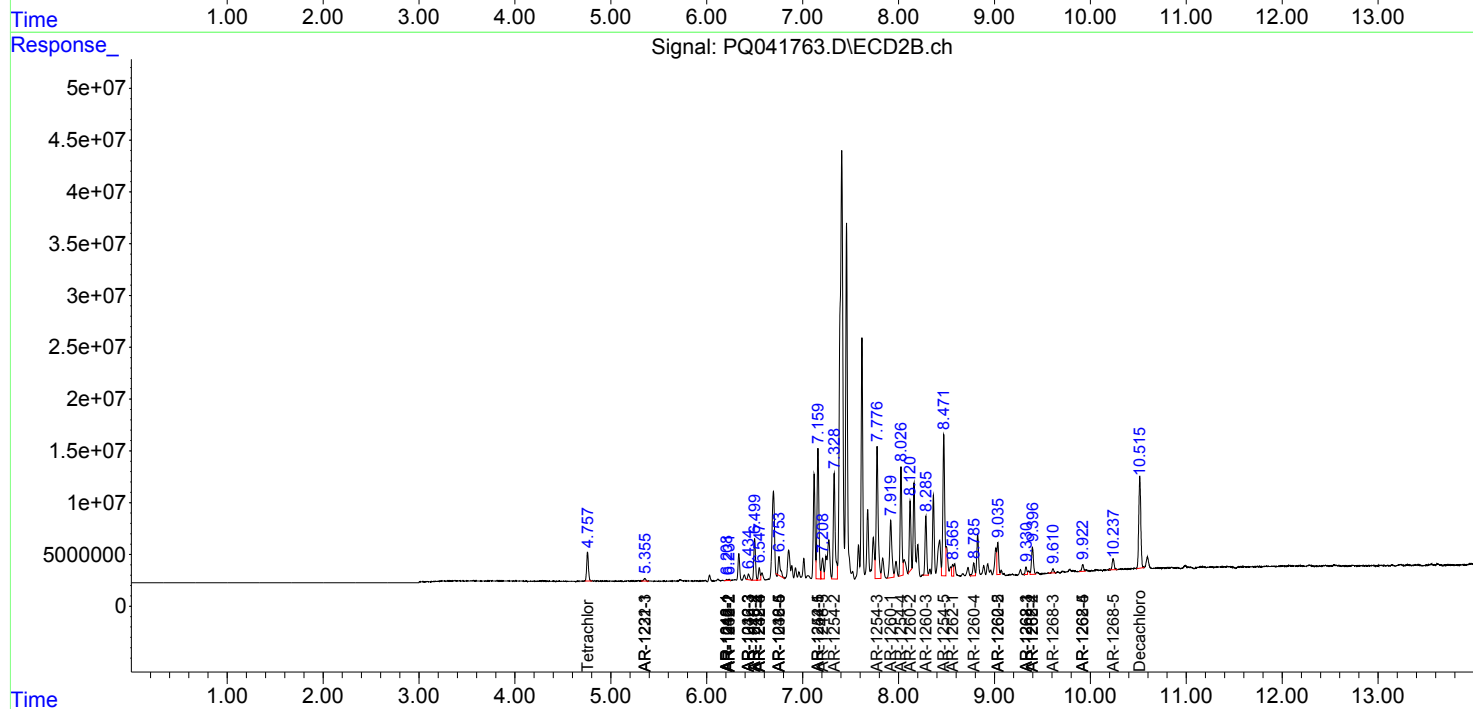
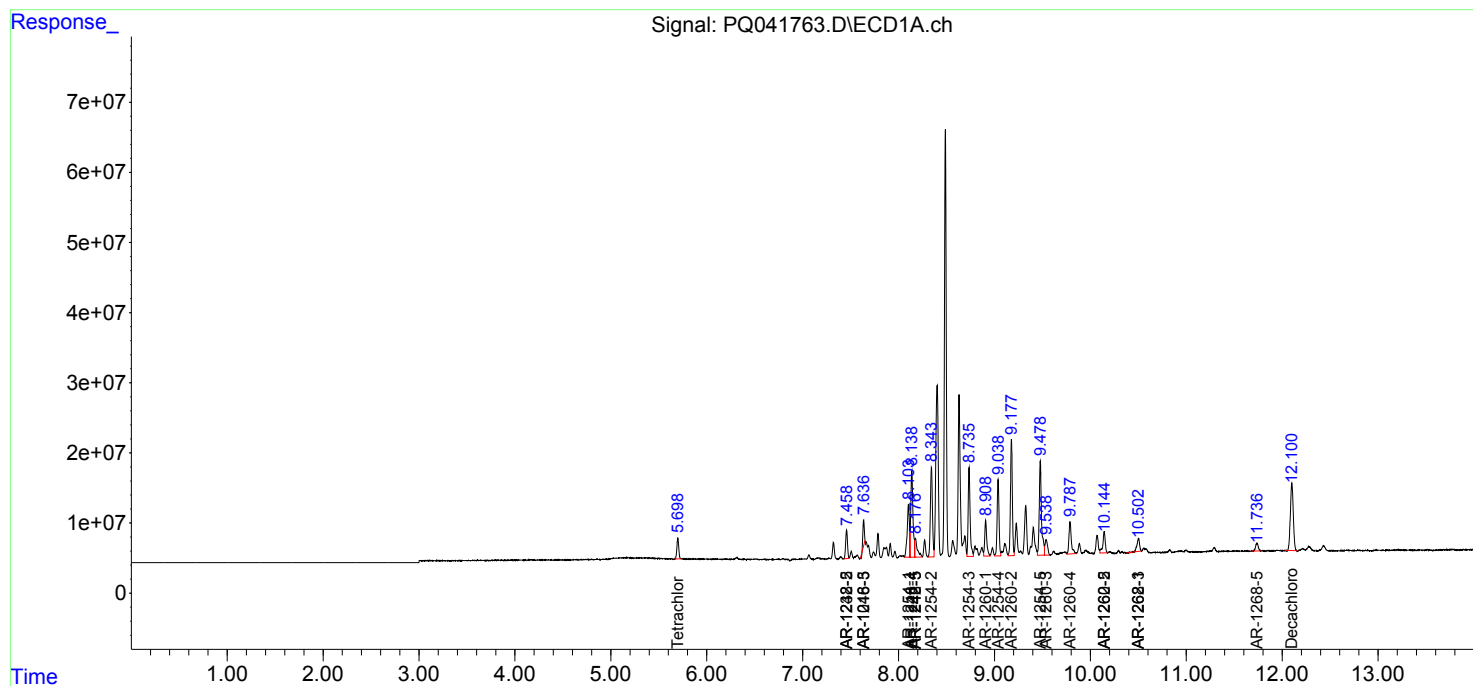
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

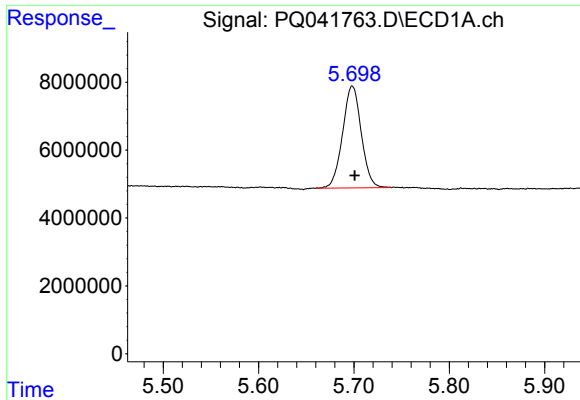
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072919\
Data File : PQ041763.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2019 15:17
Operator : SM\AJ
Sample : K4040-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Integration File signal 2: autoint2.e
Quant Time: Jul 30 00:51:35 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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QLast Update : Mon Jul 29 04:03:40 2019
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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

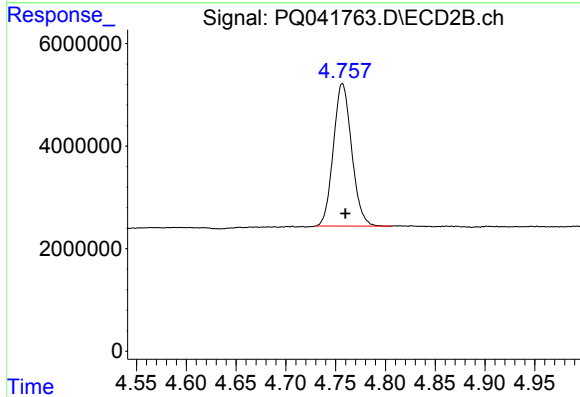




#1 Tetrachloro-m-xylene

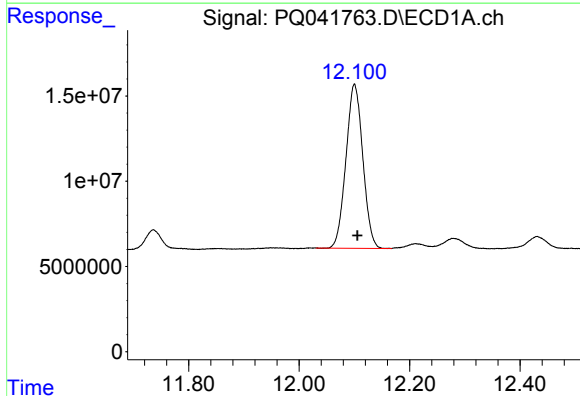
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 40844062
Conc: 17.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



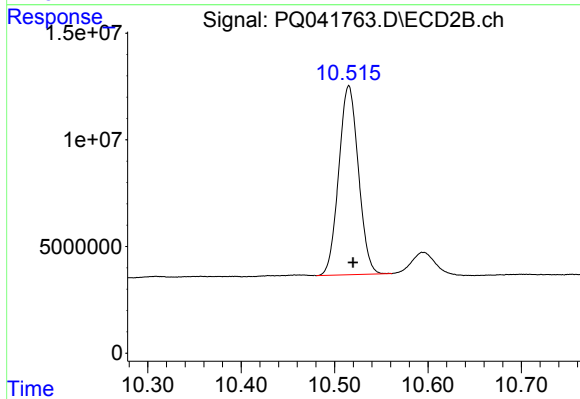
#1 Tetrachloro-m-xylene

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 35555986
Conc: 18.45 ng/ml



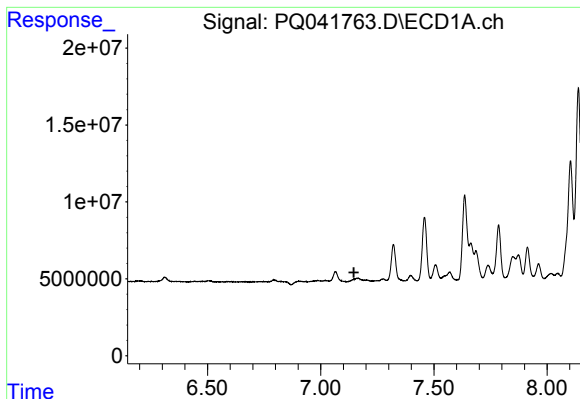
#2 Decachlorobiphenyl

R.T.: 12.100 min
Delta R.T.: -0.005 min
Response: 203770777
Conc: 24.17 ng/ml



#2 Decachlorobiphenyl

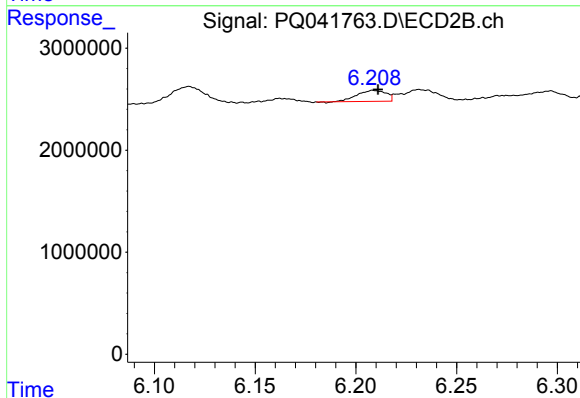
R.T.: 10.515 min
Delta R.T.: -0.005 min
Response: 129599431
Conc: 26.79 ng/ml



#3 AR-1016-1

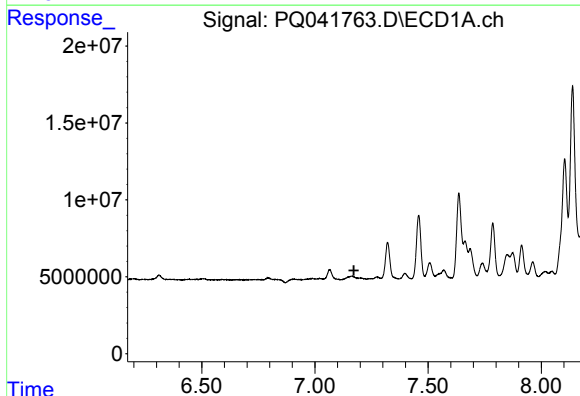
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



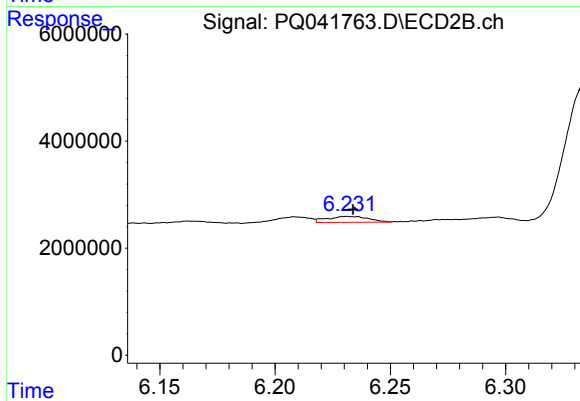
#3 AR-1016-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 1062673
Conc: 10.24 ng/ml



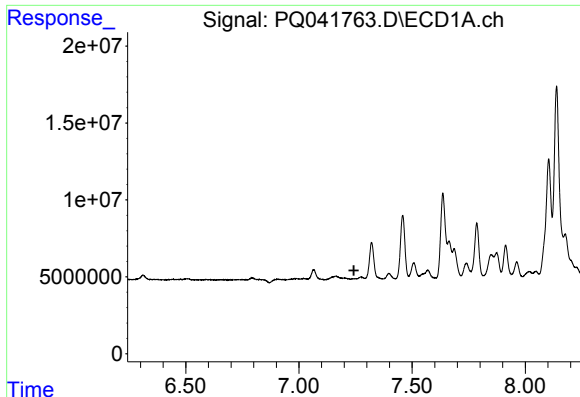
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 7.172 min
Response: 0
Conc: N.D.



#4 AR-1016-2

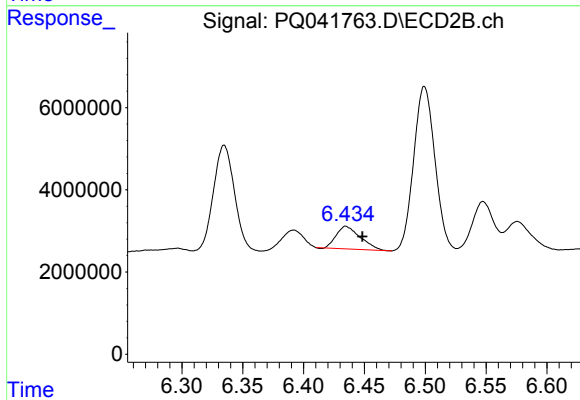
R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 1397523
Conc: 9.75 ng/ml



#5 AR-1016-3

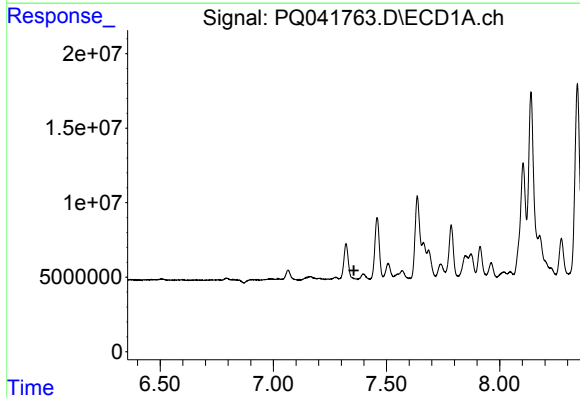
R.T.: 0.000 min
Exp R.T.: 7.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



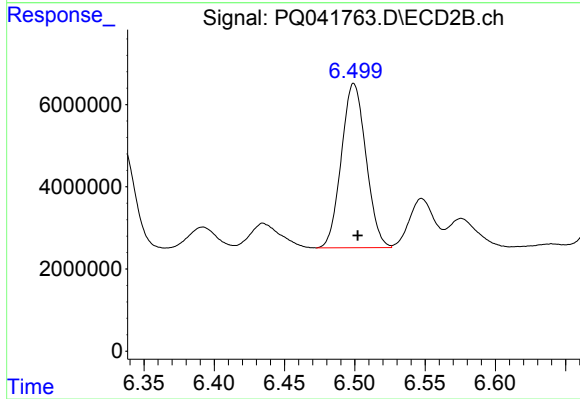
#5 AR-1016-3

R.T.: 6.435 min
Delta R.T.: -0.014 min
Response: 7583285
Conc: 101.69 ng/ml



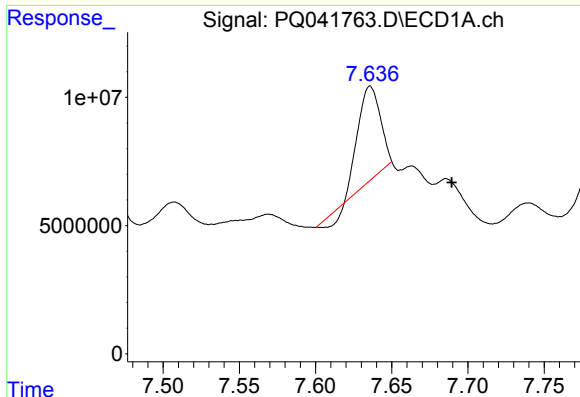
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 7.356 min
Response: 0
Conc: N.D.



#6 AR-1016-4

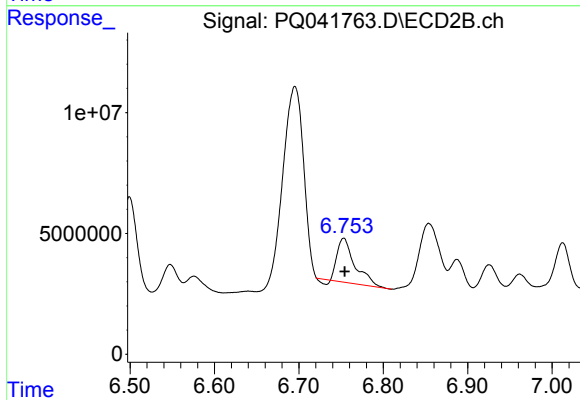
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 48719428
Conc: 785.67 ng/ml



#7 AR-1016-5

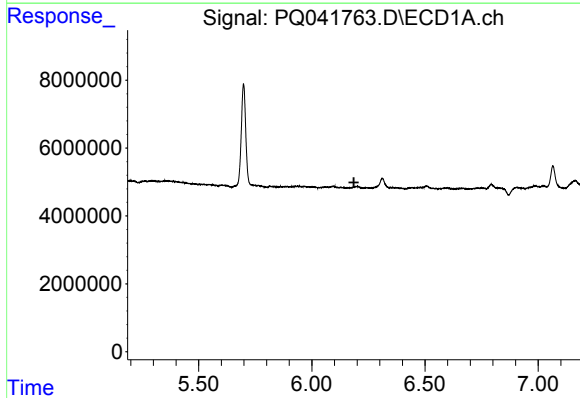
R.T.: 7.636 min
Delta R.T.: -0.053 min
Response: 35631003
Conc: 453.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



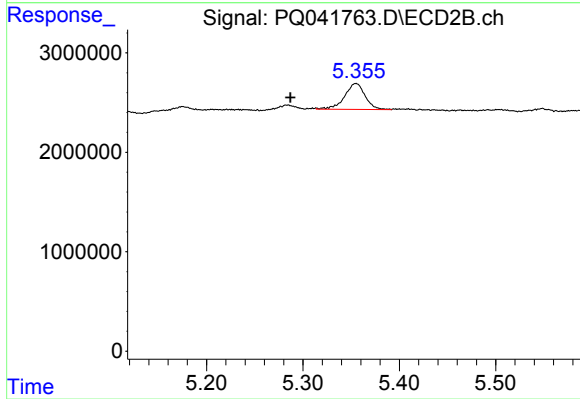
#7 AR-1016-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 26137201
Conc: 321.08 ng/ml



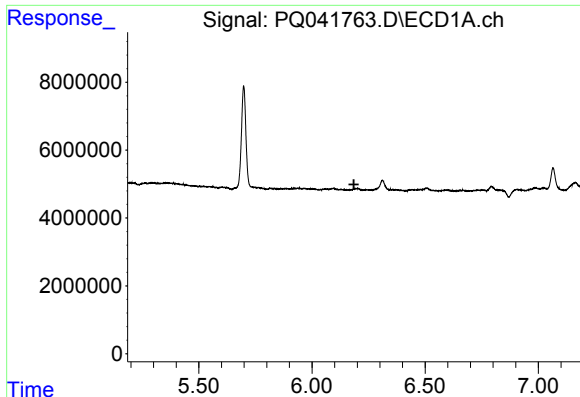
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

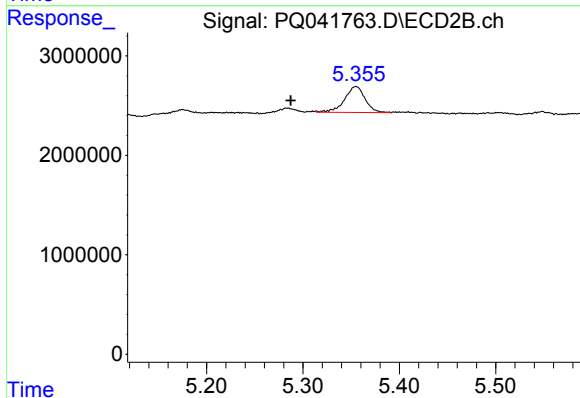
R.T.: 5.355 min
Delta R.T.: 0.068 min
Response: 3832838
Conc: 70.29 ng/ml



#11 AR-1232-1

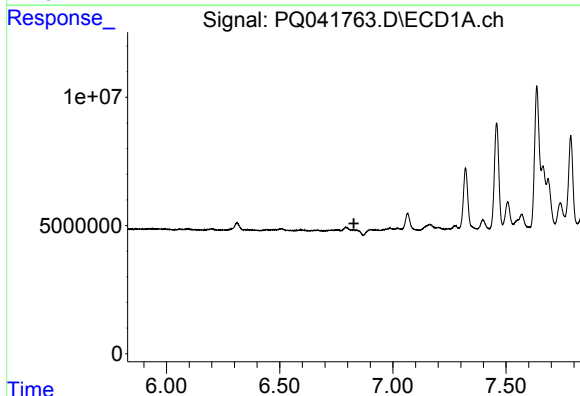
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



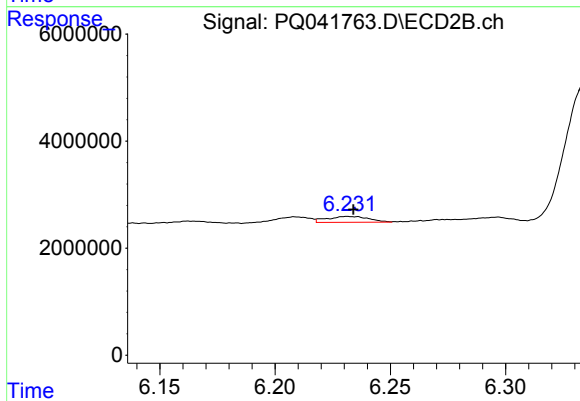
#11 AR-1232-1

R.T.: 5.355 min
Delta R.T.: 0.068 min
Response: 3832838
Conc: 79.38 ng/ml



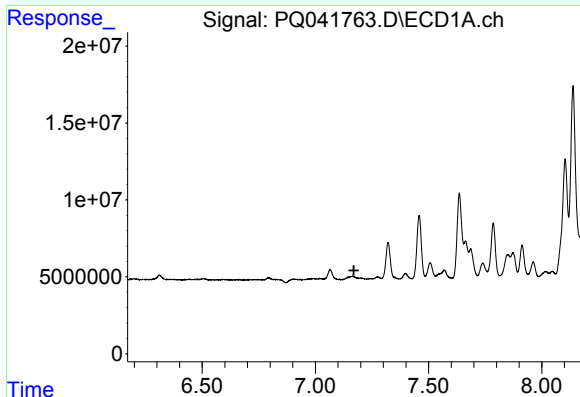
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

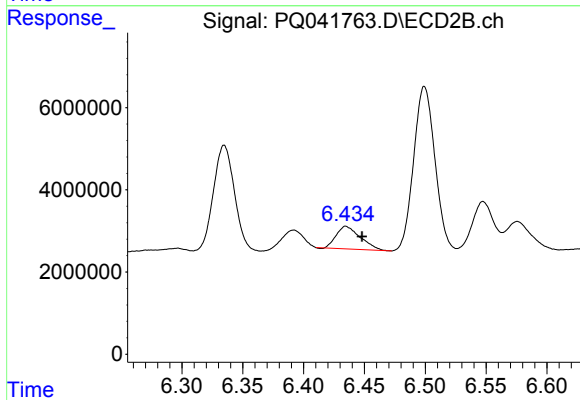
R.T.: 6.231 min
Delta R.T.: -0.003 min
Response: 1397523
Conc: 24.51 ng/ml



#13 AR-1232-3

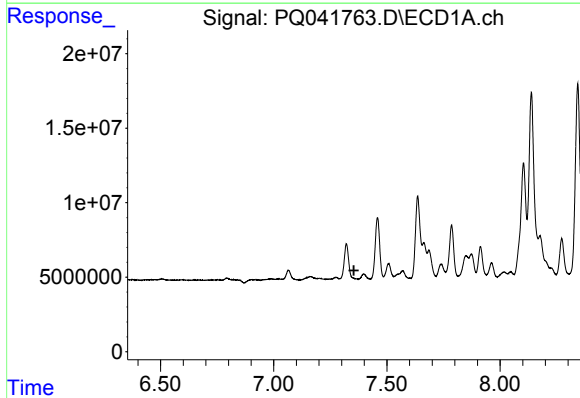
R.T.: 0.000 min
Exp R.T.: 7.170 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



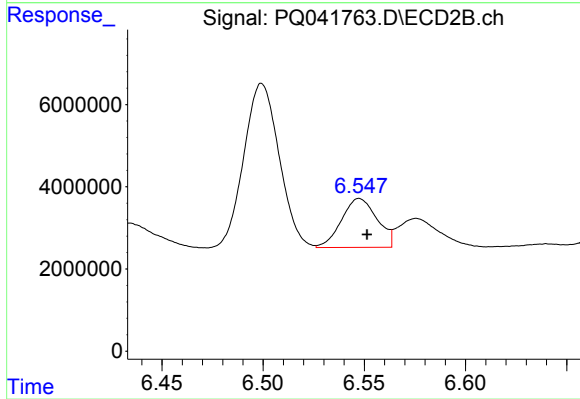
#13 AR-1232-3

R.T.: 6.435 min
Delta R.T.: -0.013 min
Response: 7583285
Conc: 254.31 ng/ml



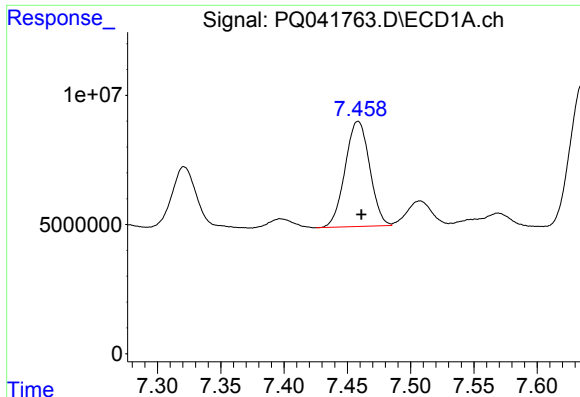
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 7.354 min
Response: 0
Conc: N.D.



#14 AR-1232-4

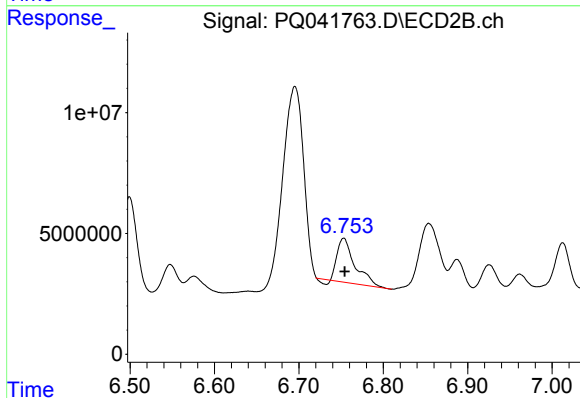
R.T.: 6.547 min
Delta R.T.: -0.004 min
Response: 14556846
Conc: 545.27 ng/ml



#15 AR-1232-5

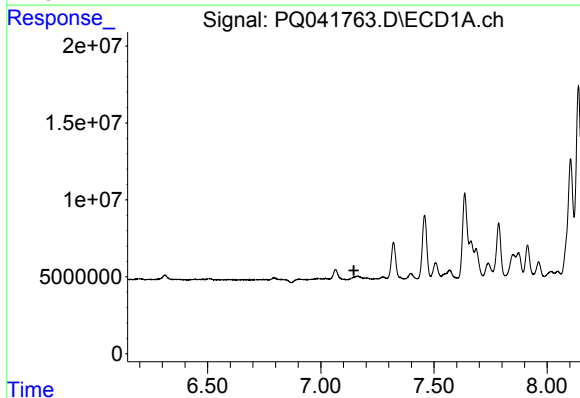
R.T.: 7.459 min
Delta R.T.: -0.002 min
Response: 54901069
Conc: 2554.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



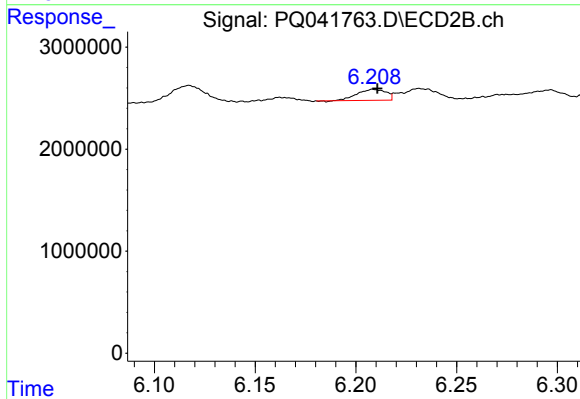
#15 AR-1232-5

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 26137201
Conc: 891.26 ng/ml



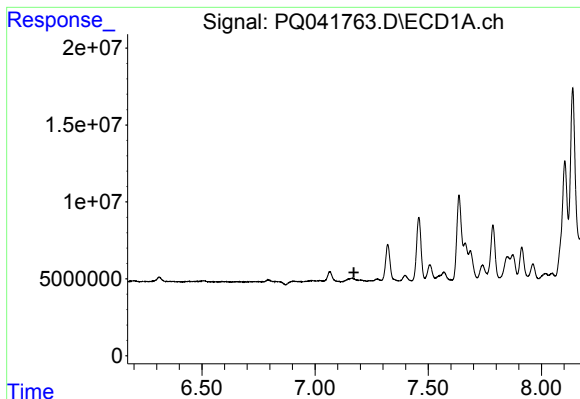
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 7.146 min
Response: 0
Conc: N.D.



#16 AR-1242-1

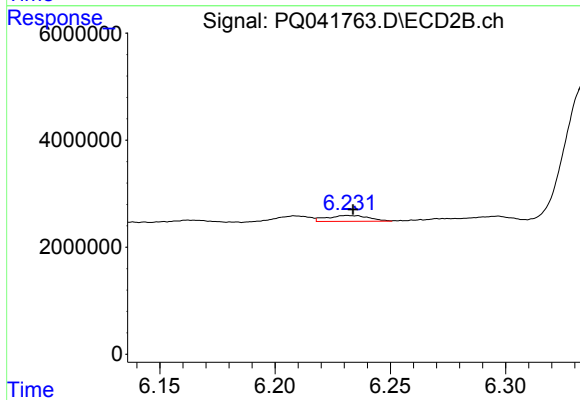
R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 1062673
Conc: 12.98 ng/ml



#17 AR-1242-2

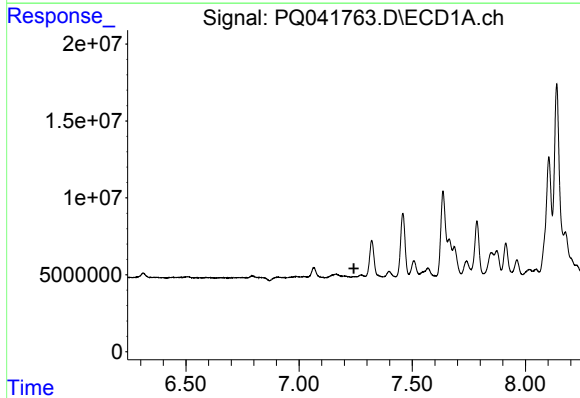
R.T.: 0.000 min
Exp R.T.: 7.171 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



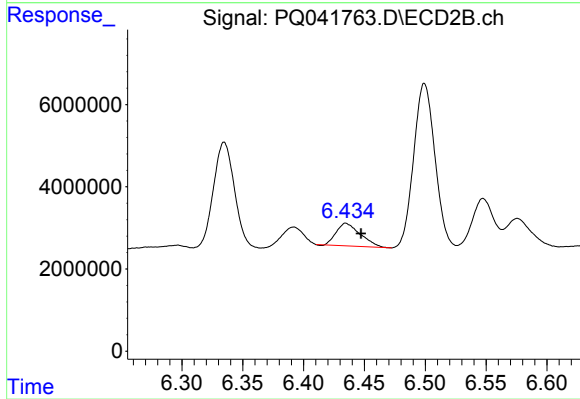
#17 AR-1242-2

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 1397523
Conc: 12.37 ng/ml



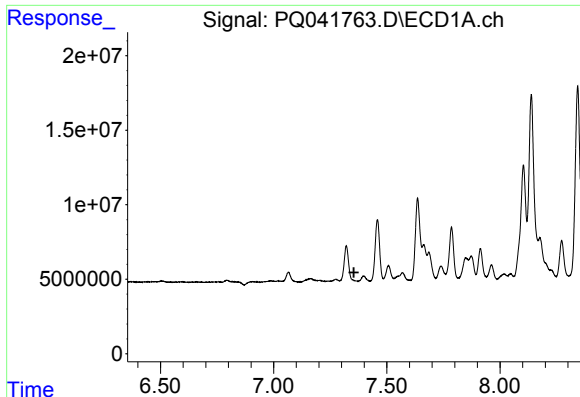
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 7.242 min
Response: 0
Conc: N.D.



#18 AR-1242-3

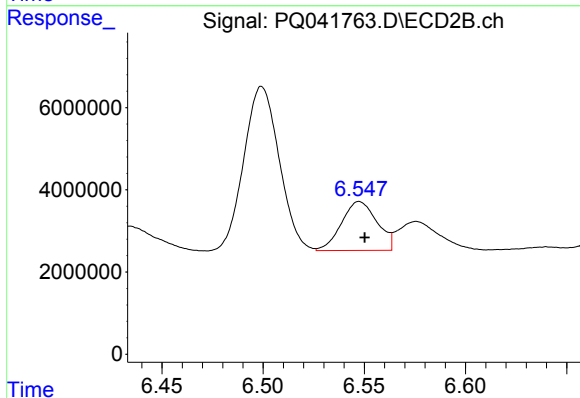
R.T.: 6.435 min
Delta R.T.: -0.013 min
Response: 7583285
Conc: 128.37 ng/ml



#19 AR-1242-4

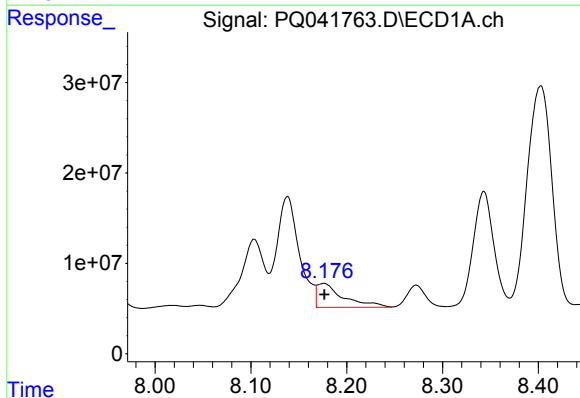
R.T.: 0.000 min
Exp R.T.: 7.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



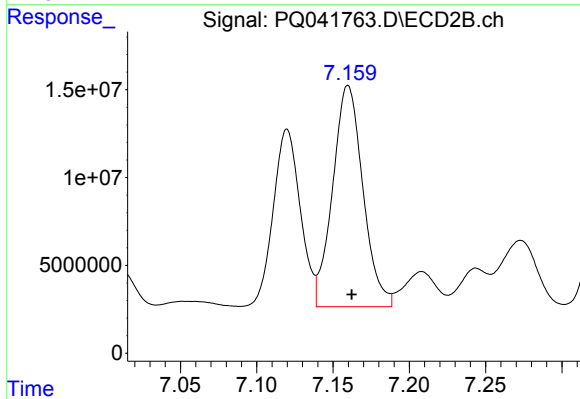
#19 AR-1242-4

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 14556846
Conc: 245.49 ng/ml



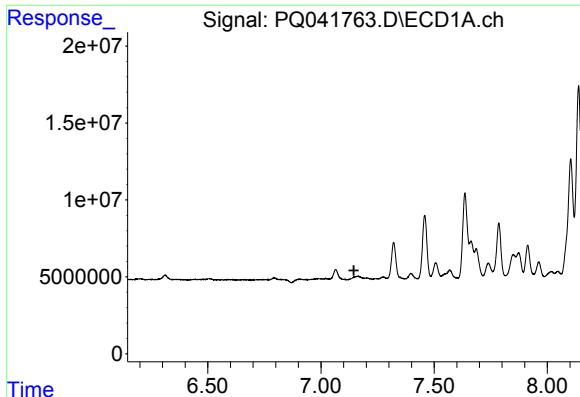
#20 AR-1242-5

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 50248022
Conc: 566.33 ng/ml



#20 AR-1242-5

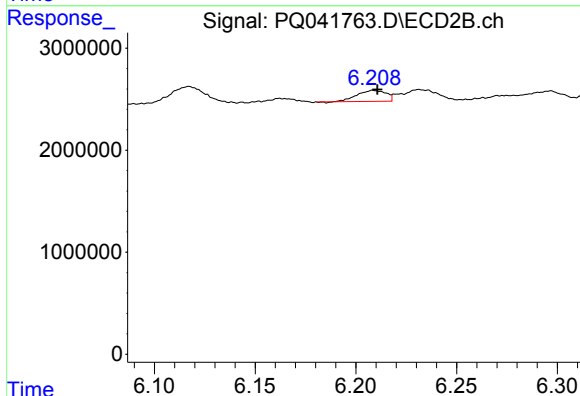
R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 174024786
Conc: 1959.87 ng/ml



#21 AR-1248-1

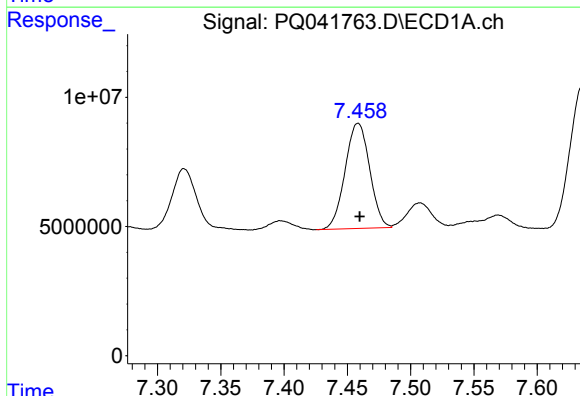
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



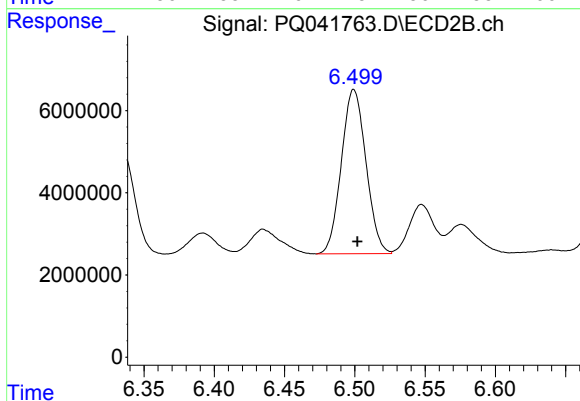
#21 AR-1248-1

R.T.: 6.209 min
Delta R.T.: -0.002 min
Response: 1062673
Conc: 16.03 ng/ml



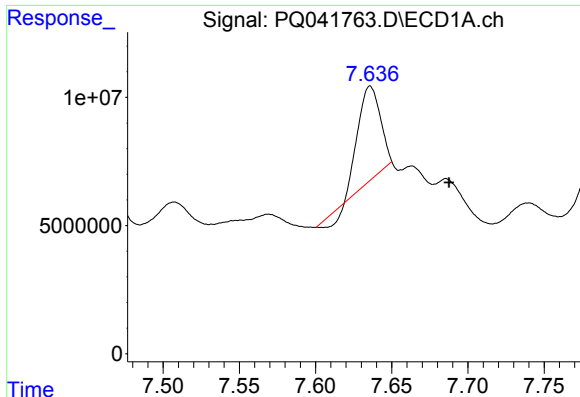
#22 AR-1248-2

R.T.: 7.459 min
Delta R.T.: -0.001 min
Response: 54901069
Conc: 595.05 ng/ml



#22 AR-1248-2

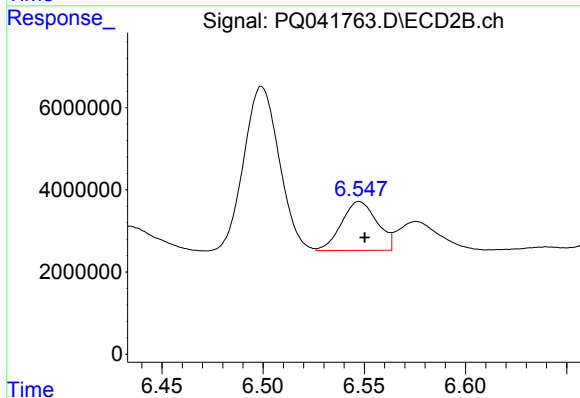
R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 48719428
Conc: 558.79 ng/ml



#23 AR-1248-3

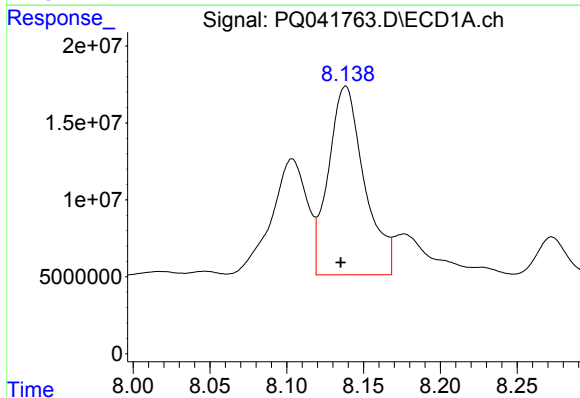
R.T.: 7.636 min
Delta R.T.: -0.052 min
Response: 35631003
Conc: 318.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



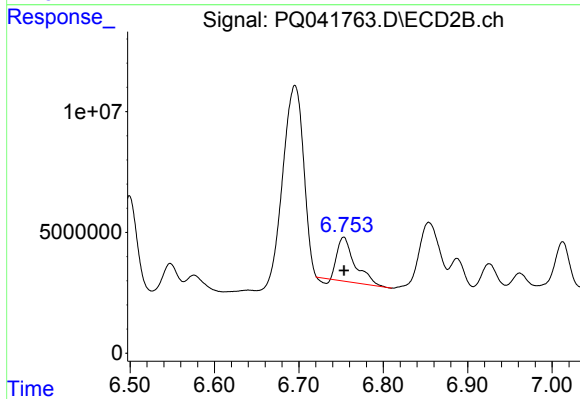
#23 AR-1248-3

R.T.: 6.547 min
Delta R.T.: -0.003 min
Response: 14556846
Conc: 163.09 ng/ml



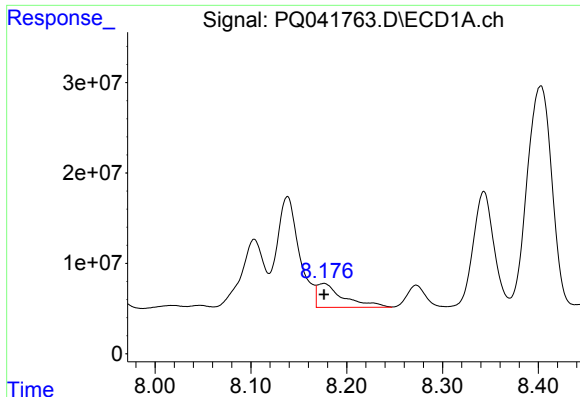
#24 AR-1248-4

R.T.: 8.138 min
Delta R.T.: 0.003 min
Response: 199331274
Conc: 1274.84 ng/ml



#24 AR-1248-4

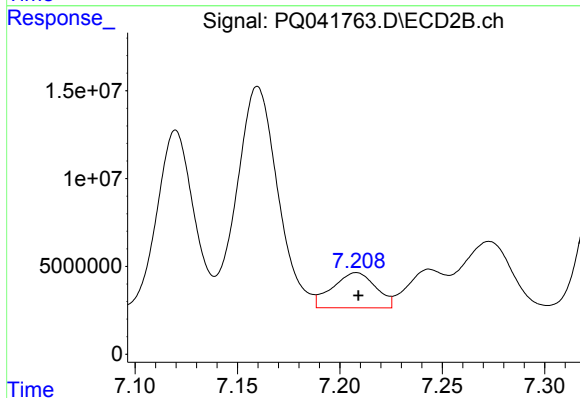
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 26137201
Conc: 237.31 ng/ml



#25 AR-1248-5

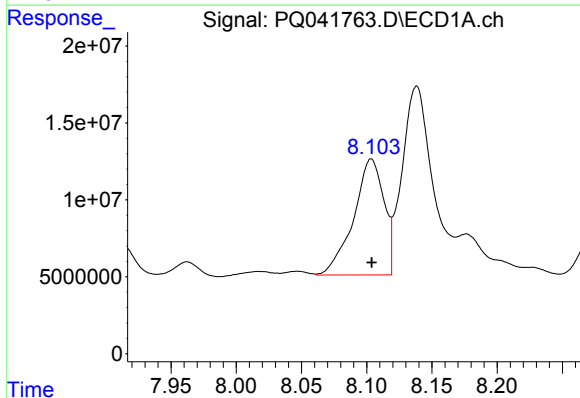
R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 50248022
Conc: 332.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



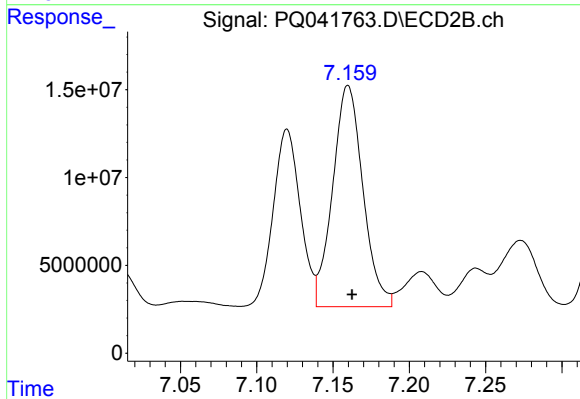
#25 AR-1248-5

R.T.: 7.208 min
Delta R.T.: 0.000 min
Response: 29401065
Conc: 229.38 ng/ml



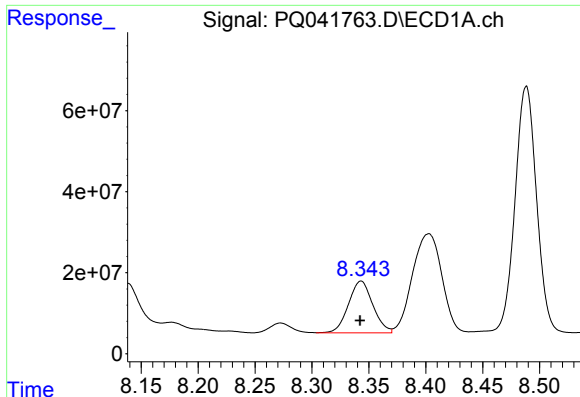
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 122049786
Conc: 877.33 ng/ml



#26 AR-1254-1

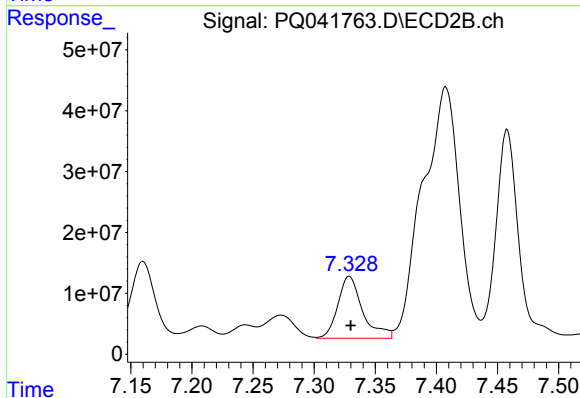
R.T.: 7.160 min
Delta R.T.: -0.003 min
Response: 174024786
Conc: 951.55 ng/ml



#27 AR-1254-2

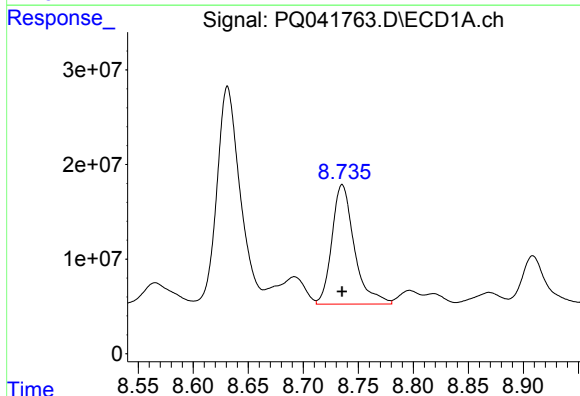
R.T.: 8.343 min
Delta R.T.: 0.000 min
Response: 190833354
Conc: 833.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



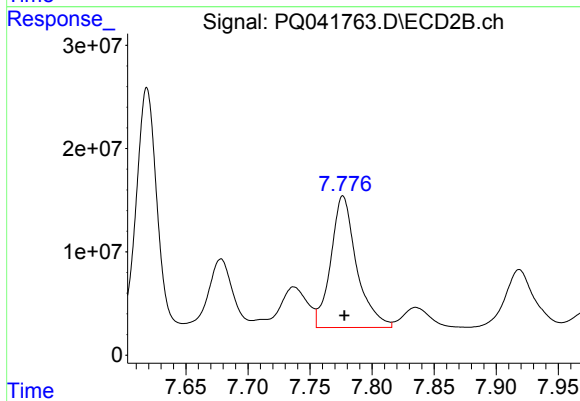
#27 AR-1254-2

R.T.: 7.329 min
Delta R.T.: -0.001 min
Response: 143389975
Conc: 885.83 ng/ml



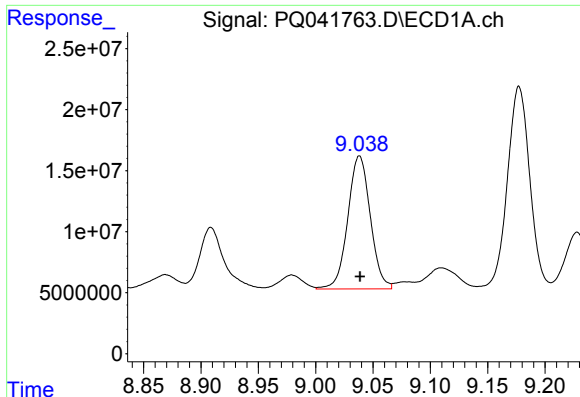
#28 AR-1254-3

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 178984736
Conc: 654.60 ng/ml



#28 AR-1254-3

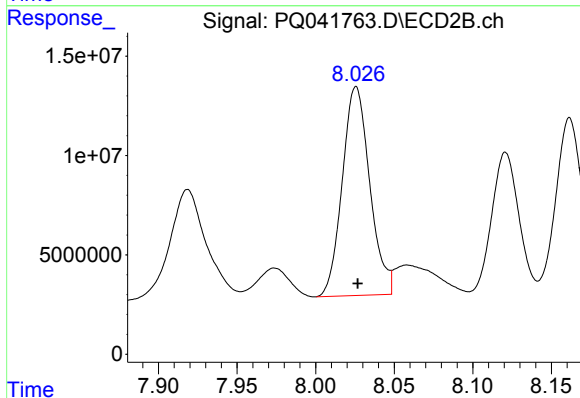
R.T.: 7.777 min
Delta R.T.: -0.001 min
Response: 184384967
Conc: 639.32 ng/ml



#29 AR-1254-4

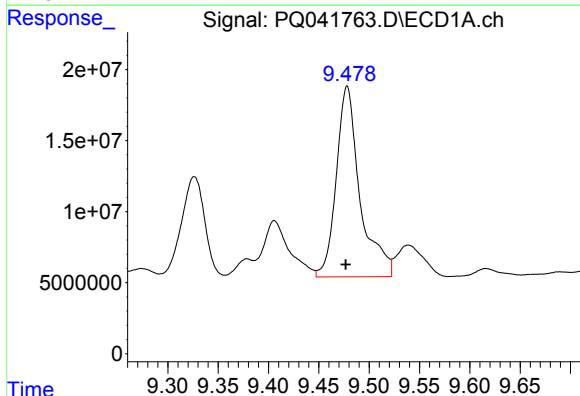
R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 149135309
Conc: 605.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



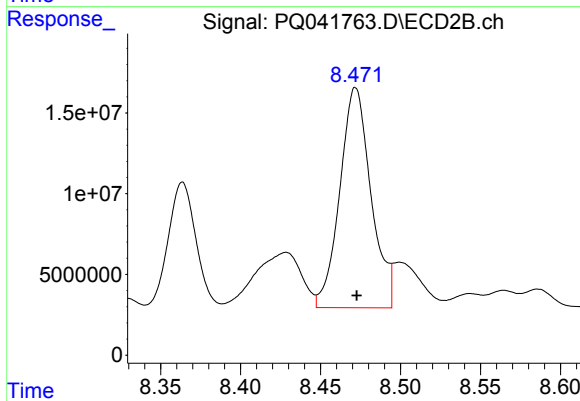
#29 AR-1254-4

R.T.: 8.026 min
Delta R.T.: -0.001 min
Response: 128170072
Conc: 590.45 ng/ml



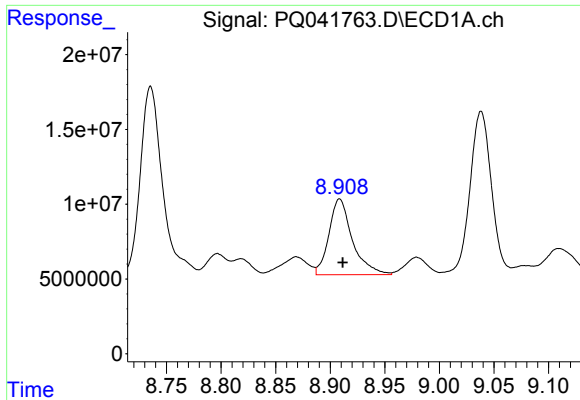
#30 AR-1254-5

R.T.: 9.478 min
Delta R.T.: 0.001 min
Response: 220119220
Conc: 812.71 ng/ml



#30 AR-1254-5

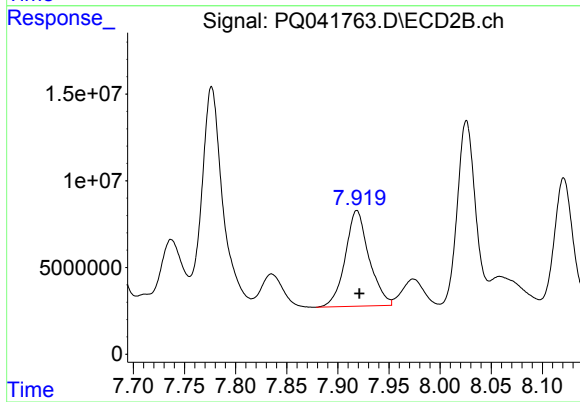
R.T.: 8.472 min
Delta R.T.: 0.000 min
Response: 185003206
Conc: 615.10 ng/ml



#31 AR-1260-1

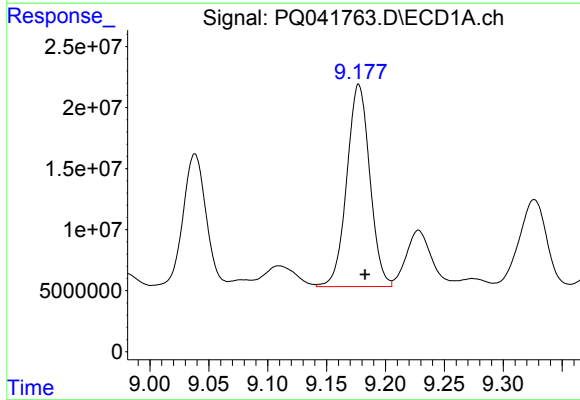
R.T.: 8.909 min
Delta R.T.: -0.003 min
Response: 75838289
Conc: 426.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



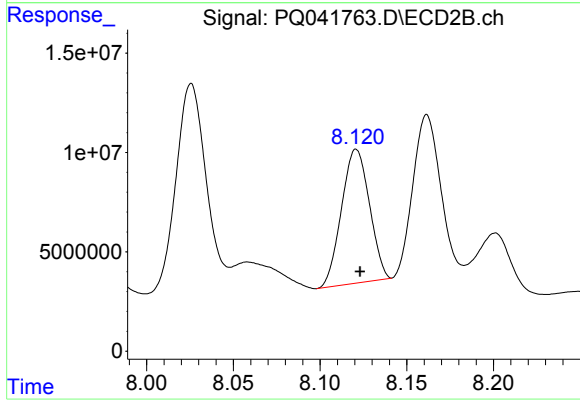
#31 AR-1260-1

R.T.: 7.919 min
Delta R.T.: -0.002 min
Response: 89490966
Conc: 493.25 ng/ml



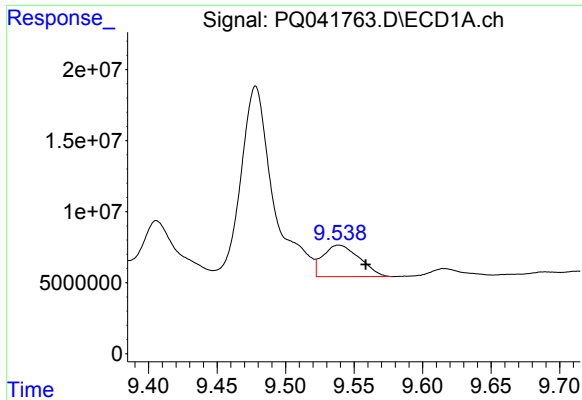
#32 AR-1260-2

R.T.: 9.177 min
Delta R.T.: -0.005 min
Response: 224993818
Conc: 891.86 ng/ml



#32 AR-1260-2

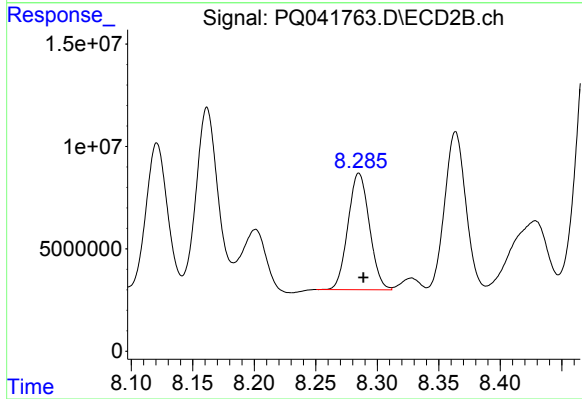
R.T.: 8.121 min
Delta R.T.: -0.002 min
Response: 75507394
Conc: 307.77 ng/ml



#33 AR-1260-3

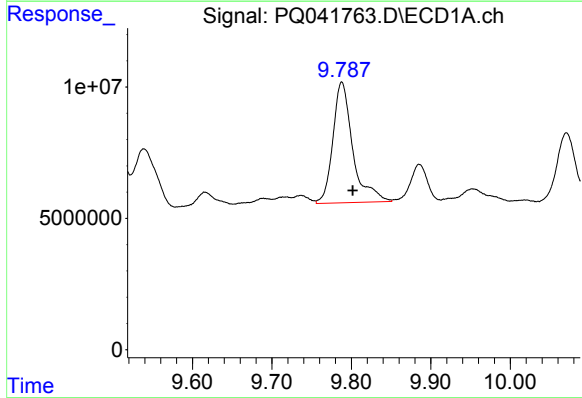
R.T.: 9.539 min
Delta R.T.: -0.020 min
Response: 41281980
Conc: 180.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



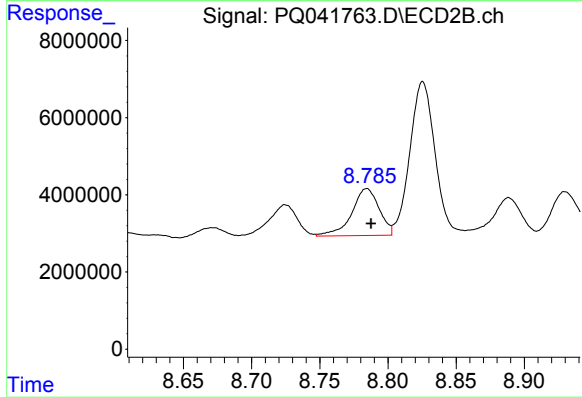
#33 AR-1260-3

R.T.: 8.285 min
Delta R.T.: -0.004 min
Response: 69026846
Conc: 324.41 ng/ml



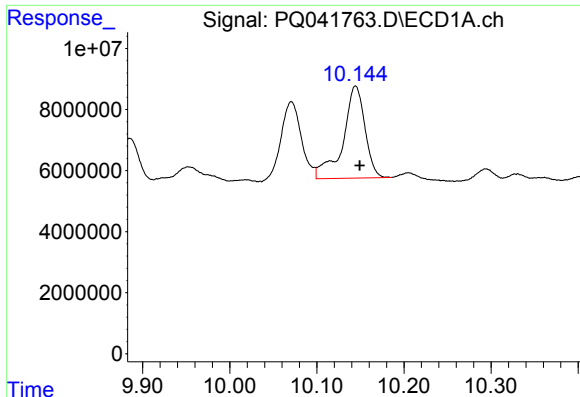
#34 AR-1260-4

R.T.: 9.788 min
Delta R.T.: -0.014 min
Response: 79875409
Conc: 312.82 ng/ml



#34 AR-1260-4

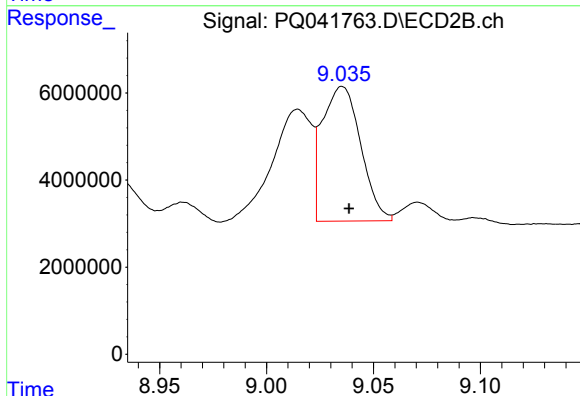
R.T.: 8.784 min
Delta R.T.: -0.003 min
Response: 17042777
Conc: 84.25 ng/ml



#35 AR-1260-5

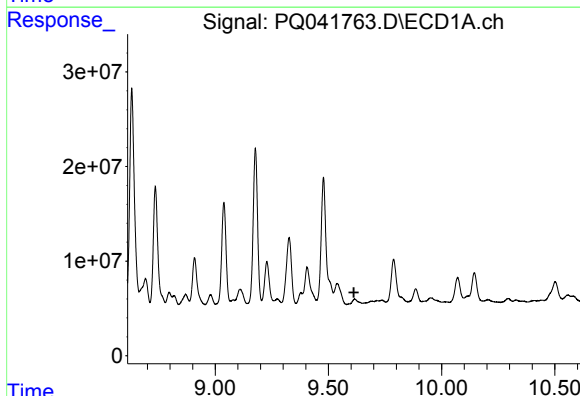
R.T.: 10.144 min
Delta R.T.: -0.005 min
Response: 52833973
Conc: 78.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



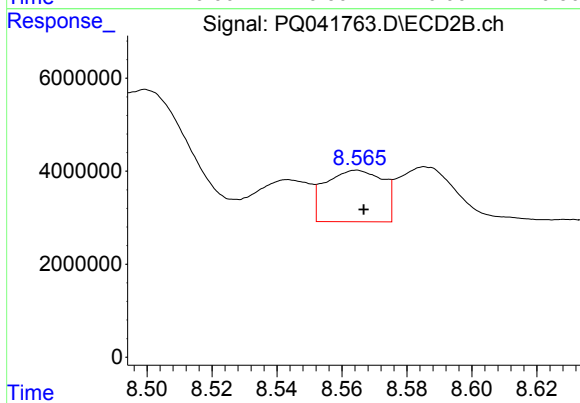
#35 AR-1260-5

R.T.: 9.035 min
Delta R.T.: -0.003 min
Response: 38733778
Conc: 65.63 ng/ml



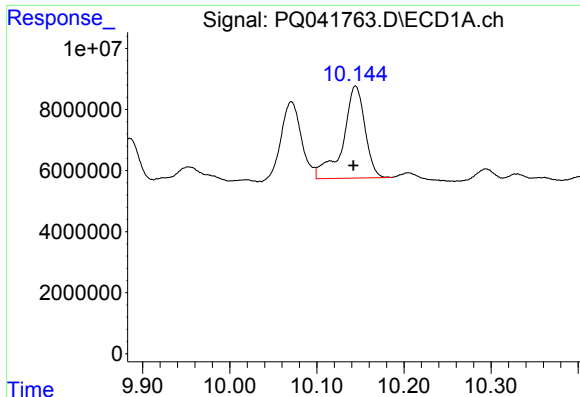
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 9.613 min
Response: 0
Conc: N.D.



#36 AR-1262-1

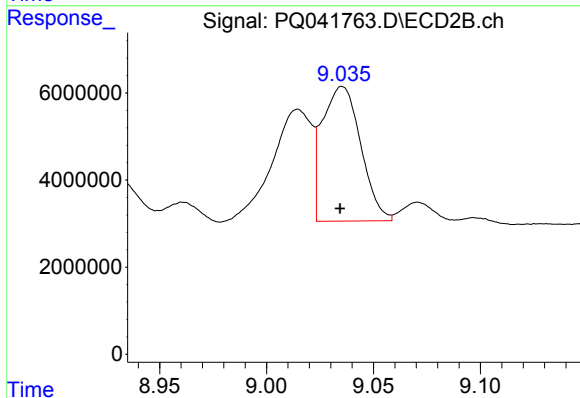
R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 13622576
Conc: 94.95 ng/ml



#37 AR-1262-2

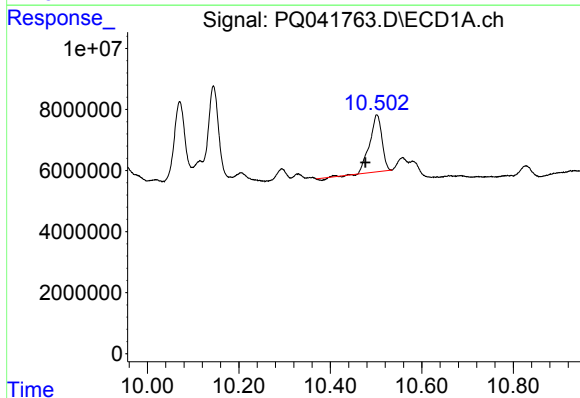
R.T.: 10.144 min
Delta R.T.: 0.002 min
Response: 52833973
Conc: 60.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



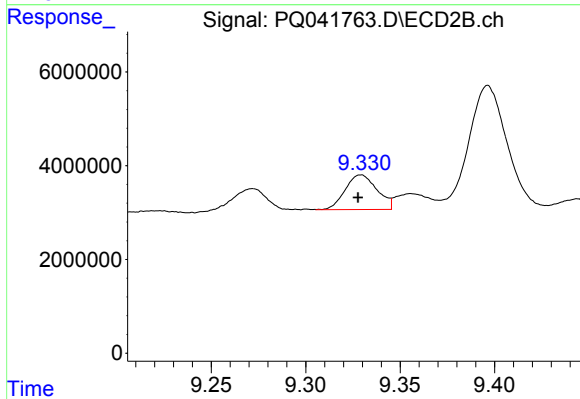
#37 AR-1262-2

R.T.: 9.035 min
Delta R.T.: 0.001 min
Response: 38733778
Conc: 52.27 ng/ml



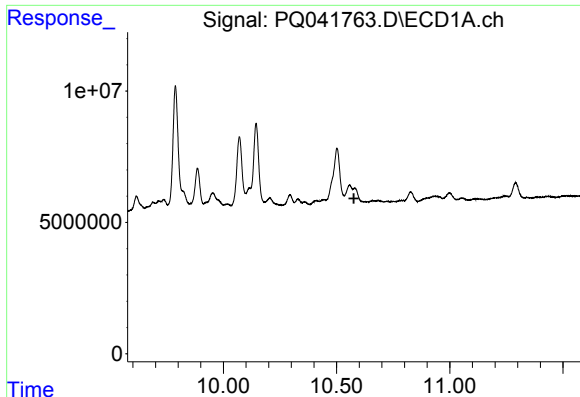
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.025 min
Response: 34702955
Conc: 54.65 ng/ml



#38 AR-1262-3

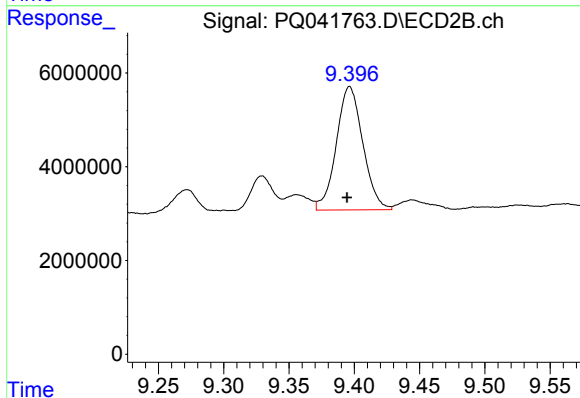
R.T.: 9.329 min
Delta R.T.: 0.001 min
Response: 8651700
Conc: 27.35 ng/ml



#39 AR-1262-4

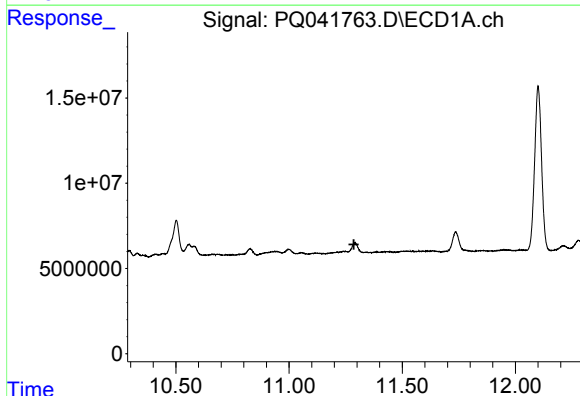
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



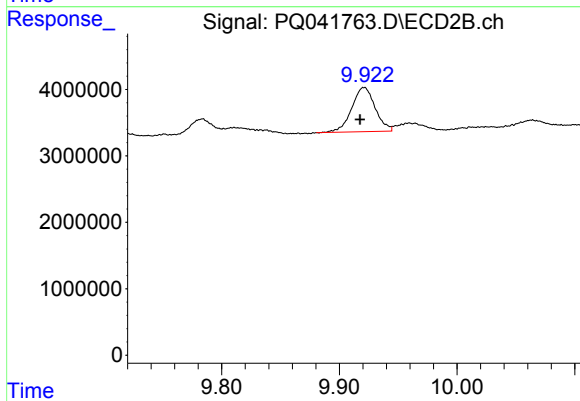
#39 AR-1262-4

R.T.: 9.396 min
Delta R.T.: 0.002 min
Response: 37282590
Conc: 66.30 ng/ml



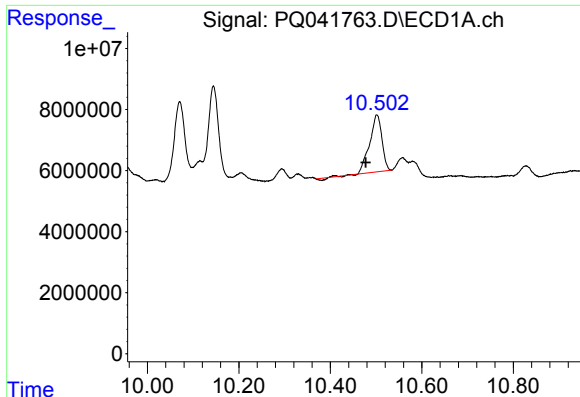
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#40 AR-1262-5

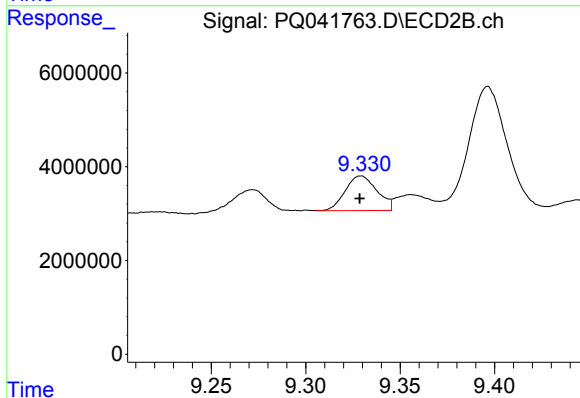
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 9220905
Conc: 32.29 ng/ml



#41 AR-1268-1

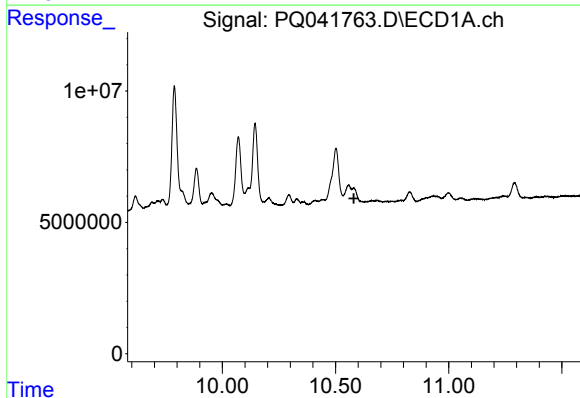
R.T.: 10.502 min
Delta R.T.: 0.024 min
Response: 34702955
Conc: 24.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



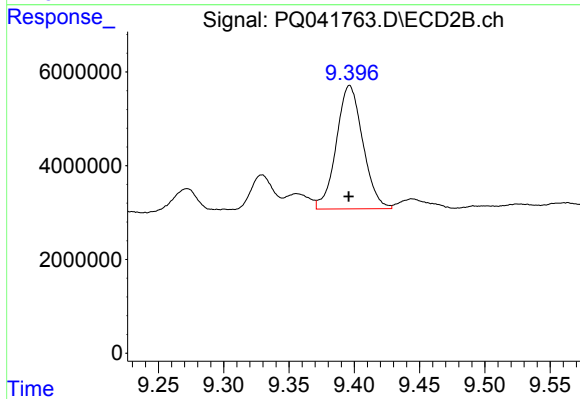
#41 AR-1268-1

R.T.: 9.329 min
Delta R.T.: 0.000 min
Response: 8651700
Conc: 7.57 ng/ml



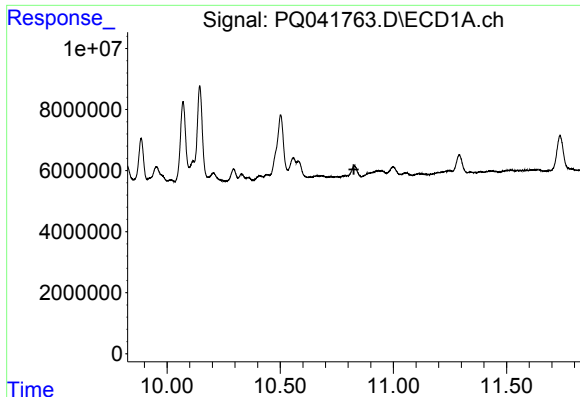
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.



#42 AR-1268-2

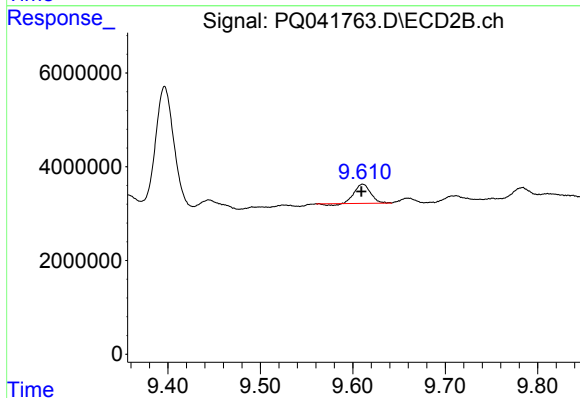
R.T.: 9.396 min
Delta R.T.: 0.000 min
Response: 37282590
Conc: 36.32 ng/ml



#43 AR-1268-3

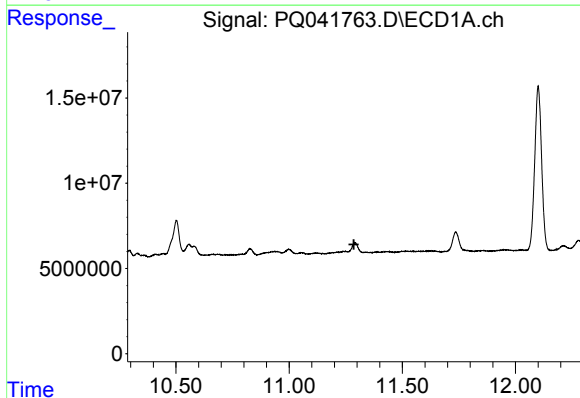
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



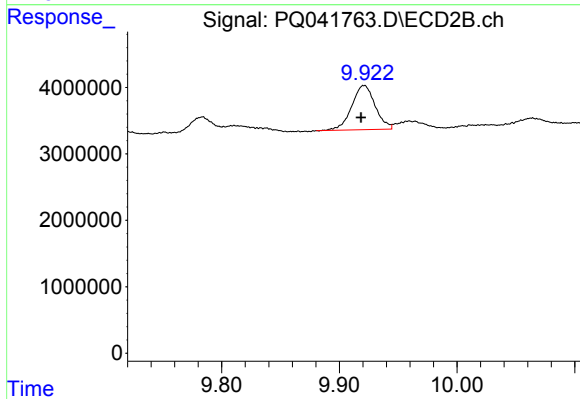
#43 AR-1268-3

R.T.: 9.611 min
Delta R.T.: 0.001 min
Response: 4796953
Conc: 5.52 ng/ml



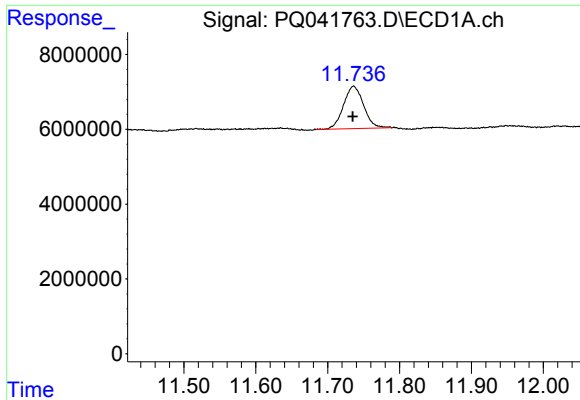
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 11.286 min
Response: 0
Conc: N.D.



#44 AR-1268-4

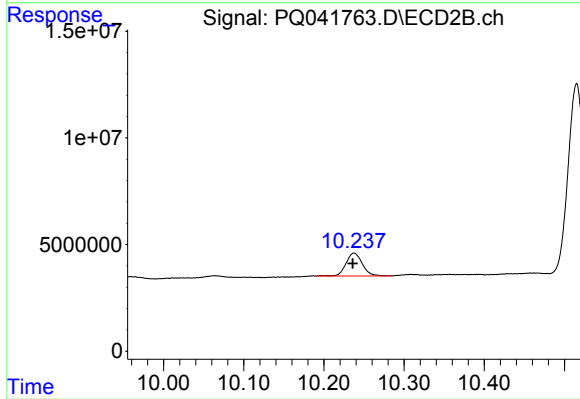
R.T.: 9.921 min
Delta R.T.: 0.003 min
Response: 9220905
Conc: 23.97 ng/ml



#45 AR-1268-5

R.T.: 11.736 min
Delta R.T.: 0.001 min
Response: 21915979
Conc: 5.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.238 min
Delta R.T.: 0.002 min
Response: 15102062
Conc: 5.81 ng/ml