

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
 Data File : PQ045337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2019 16:05
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 16:42:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 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...	5.094	4.299	116.9E6	71224845	14.732	15.105
2)	SA Decachlor...	11.155	9.716	257.3E6	230.6E6	37.155	33.979
Target Compounds							
3)	L1 AR-1016-1	6.406	5.598	2646677	1254037	10.532	6.809 #
4)	L1 AR-1016-2	6.433	5.598	3686377	1254037	9.749	4.746 #
5)	L1 AR-1016-3	6.498	5.796	1429549	808226	6.157	6.263
6)	L1 AR-1016-4	0.000	5.844	0	44090900	N.D.	406.034 #
7)	L1 AR-1016-5	6.919	6.079	37065643	28066476	190.037	183.702
9)	L2 AR-1221-2	0.000	4.663	0	1173792	N.D.	29.731 #
12)	L3 AR-1232-2	0.000	5.598	0	1254037	N.D.	10.083 #
13)	L3 AR-1232-3	6.433	5.796	3686377	808226	20.878	13.648 #
14)	L3 AR-1232-4	0.000	5.889	0	13402360	N.D.	222.948 #
15)	L3 AR-1232-5	6.702	6.079	63817782	28066476	961.980	385.353 #
16)	L4 AR-1242-1	6.406	5.579	2646677	1805991	12.313	11.519
17)	L4 AR-1242-2	6.433	5.598	3686377	1254037	11.463	5.605 #
18)	L4 AR-1242-3	6.498	5.796	1429549	808226	7.205	7.272
19)	L4 AR-1242-4	0.000	5.889	0	13402360	N.D.	112.394 #
20)	L4 AR-1242-5	7.388	6.461	36665265	128.1E6	202.610	780.200 #
21)	L5 AR-1248-1	6.406	5.579	2646677	1805991	15.715	14.512
22)	L5 AR-1248-2	6.702	5.844	63817782	44090900	260.551	259.009
23)	L5 AR-1248-3	6.919	5.889	37065643	13402360	136.192	74.940 #
24)	L5 AR-1248-4	7.345	6.079	58835466	28066476	194.262	128.939 #
25)	L5 AR-1248-5	7.388	6.505	36665265	15224317	128.179	68.274 #
26)	L6 AR-1254-1	7.316	6.461	116.8E6	128.1E6	360.900	352.165
27)	L6 AR-1254-2	7.545	6.620	185.2E6	118.2E6	373.090	366.943
28)	L6 AR-1254-3	7.926	7.047	200.8E6	212.0E6	377.346	382.237
29)	L6 AR-1254-4	8.221	7.286	139.2E6	145.2E6	360.394	406.181
30)	L6 AR-1254-5	8.651	7.720	166.6E6	212.0E6	385.600	423.962
31)	L7 AR-1260-1	8.094	7.183	78987135	102.0E6	252.901	332.958 #
32)	L7 AR-1260-2	8.359	7.379	90919770	89596074	222.060	226.909
33)	L7 AR-1260-3	8.715	7.538	22885335	87971477	70.097	256.785 #
34)	L7 AR-1260-4	8.950	8.024	64488196	10023488	169.586	32.686 #
35)	L7 AR-1260-5	9.291	8.271	22236581	23149375	28.886	29.579
36)	L8 AR-1262-1	8.785	7.720	7715881	212.0E6	36.990	837.597 #
37)	L8 AR-1262-2	9.291	8.271	22236581	23149375	24.620	23.461
38)	L8 AR-1262-3	9.632	8.562	17404013	4029023	28.537	10.457 #
39)	L8 AR-1262-4	9.683	8.626	3442977	24780263	7.578	33.637 #
40)	L8 AR-1262-5	0.000	9.141	0	1327238	N.D.	3.812 #
41)	L9 AR-1268-1	9.632	8.562	17404013	4029023	15.585	3.351 #
42)	L9 AR-1268-2	9.683	8.626	3442977	24780263	3.387	22.253 #
43)	L9 AR-1268-3	0.000	8.833	0	3186507	N.D.	3.425 #
44)	L9 AR-1268-4	0.000	9.141	0	1327238	N.D.	3.295 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	9.446	0	1494773	N.D.	0.495 #

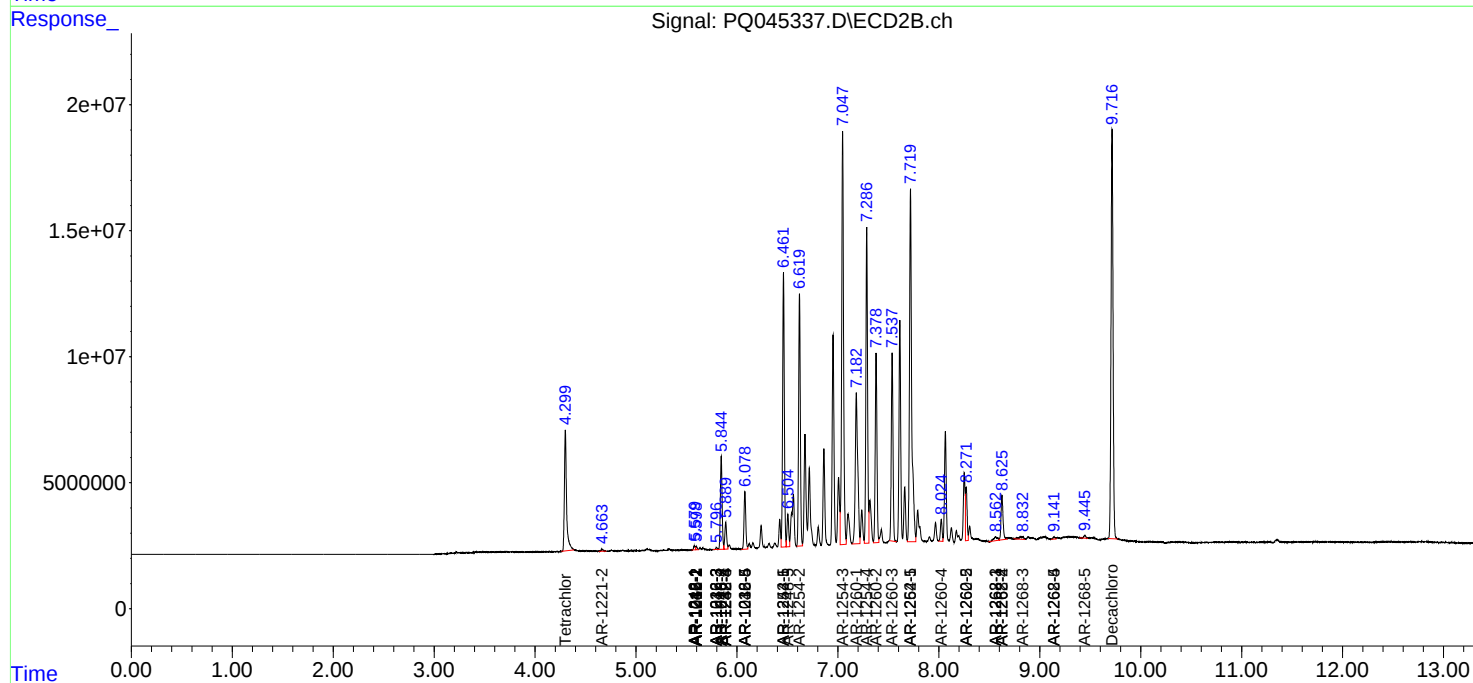
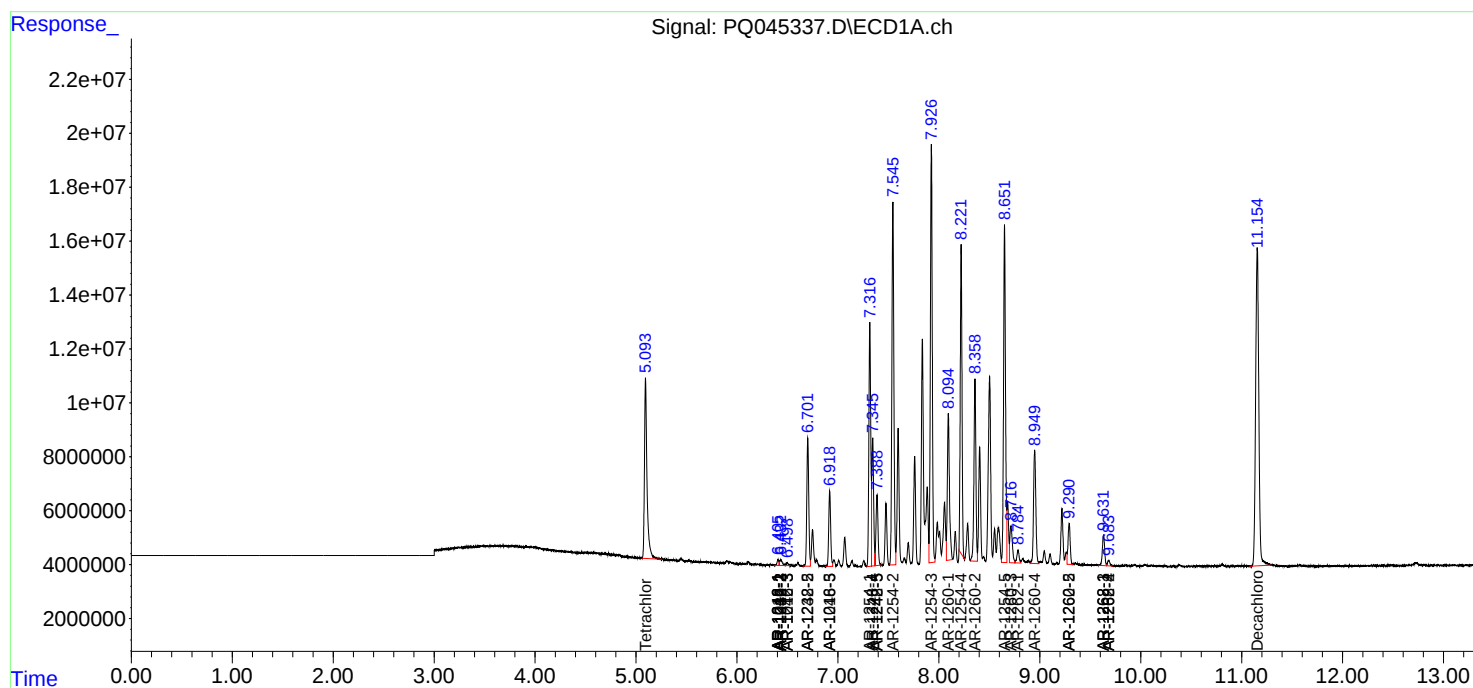
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

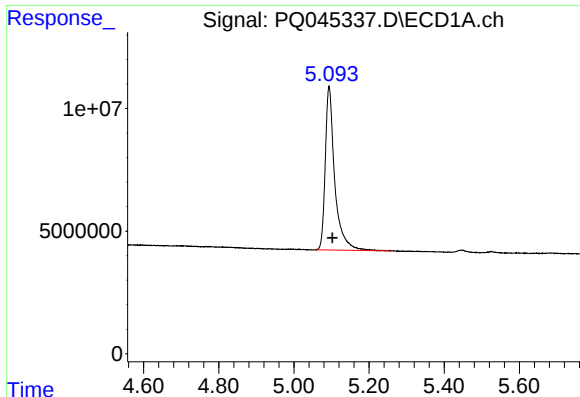
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ112219\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

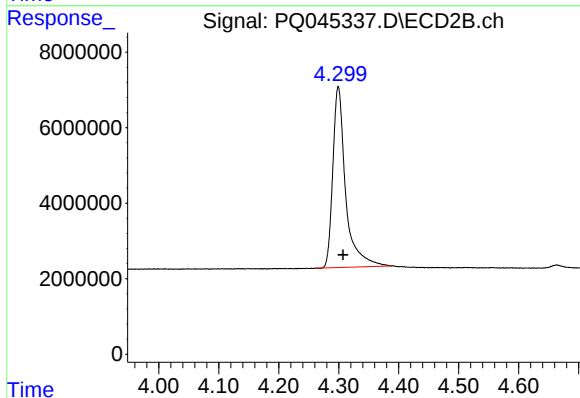




#1 Tetrachloro-m-xylene

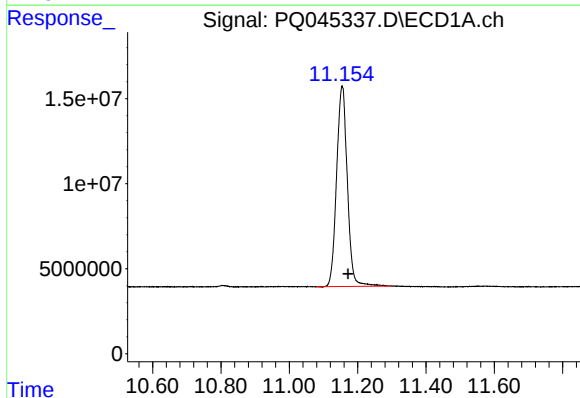
R.T.: 5.094 min
Delta R.T.: -0.008 min
Response: 116936970
Conc: 14.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



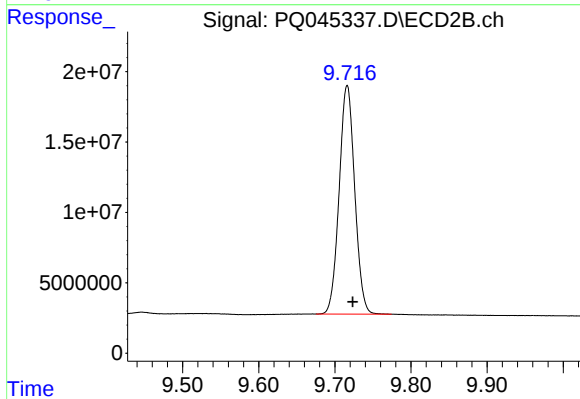
#1 Tetrachloro-m-xylene

R.T.: 4.299 min
Delta R.T.: -0.008 min
Response: 71224845
Conc: 15.11 ng/ml



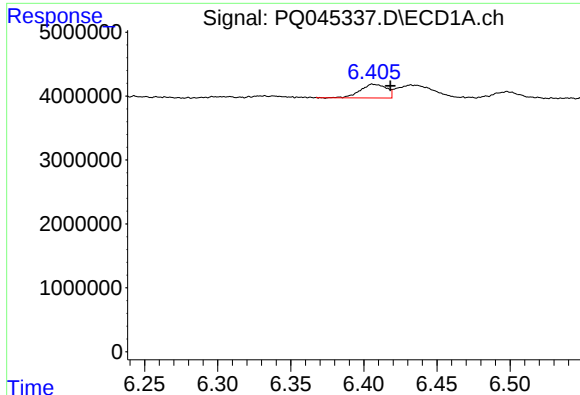
#2 Decachlorobiphenyl

R.T.: 11.155 min
Delta R.T.: -0.017 min
Response: 257336311
Conc: 37.16 ng/ml



#2 Decachlorobiphenyl

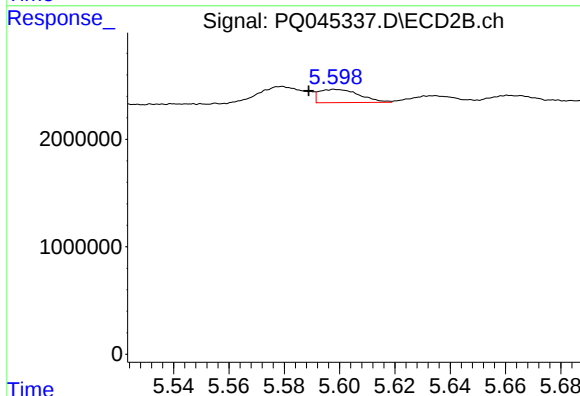
R.T.: 9.716 min
Delta R.T.: -0.007 min
Response: 230551727
Conc: 33.98 ng/ml



#3 AR-1016-1

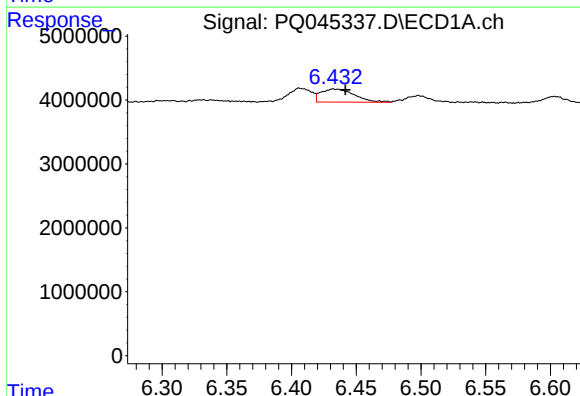
R.T.: 6.406 min
Delta R.T.: -0.012 min
Response: 2646677
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



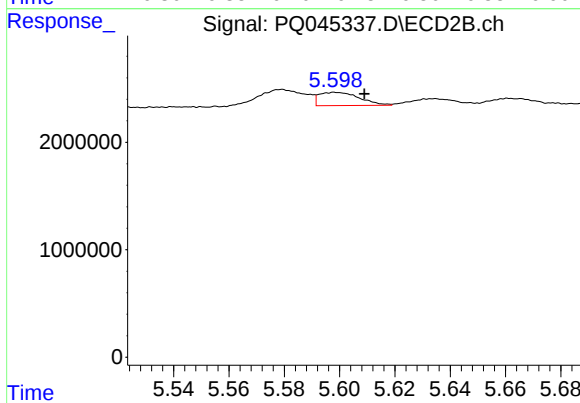
#3 AR-1016-1

R.T.: 5.598 min
Delta R.T.: 0.009 min
Response: 1254037
Conc: 6.81 ng/ml



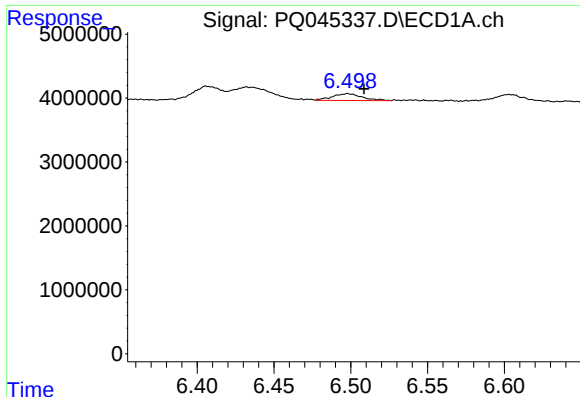
#4 AR-1016-2

R.T.: 6.433 min
Delta R.T.: -0.009 min
Response: 3686377
Conc: 9.75 ng/ml



#4 AR-1016-2

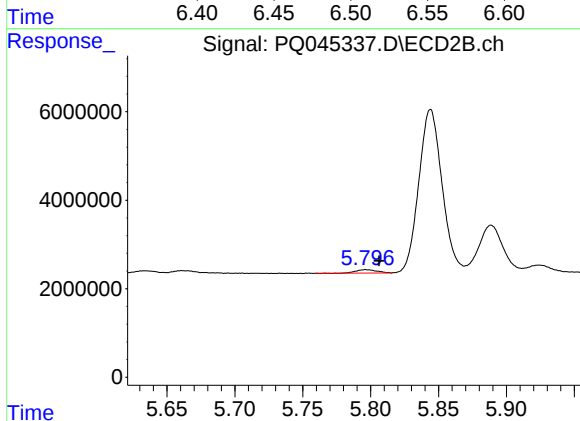
R.T.: 5.598 min
Delta R.T.: -0.011 min
Response: 1254037
Conc: 4.75 ng/ml



#5 AR-1016-3

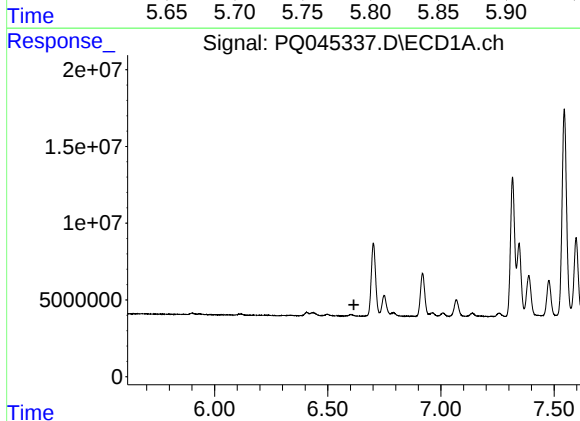
R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 1429549
Conc: 6.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



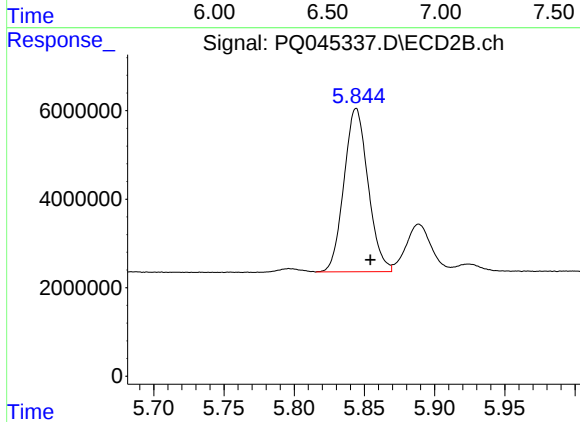
#5 AR-1016-3

R.T.: 5.796 min
Delta R.T.: -0.010 min
Response: 808226
Conc: 6.26 ng/ml



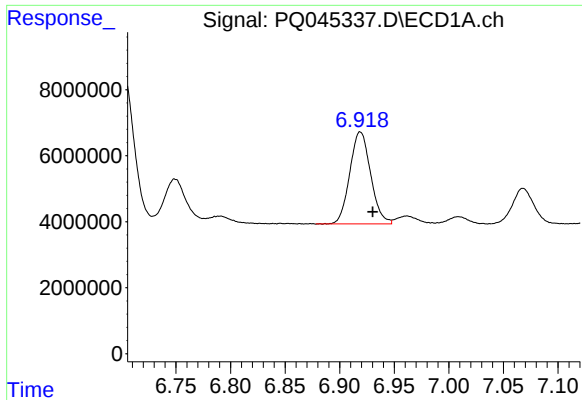
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

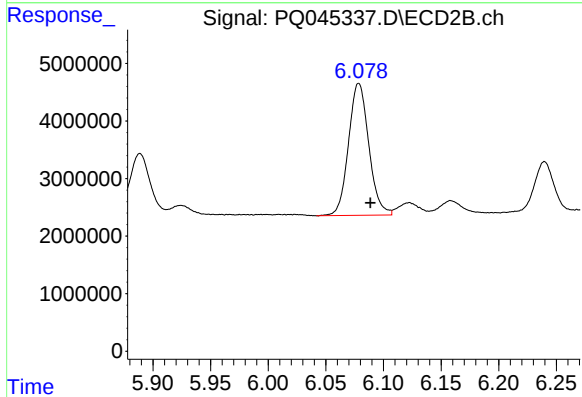
R.T.: 5.844 min
Delta R.T.: -0.010 min
Response: 44090900
Conc: 406.03 ng/ml



#7 AR-1016-5

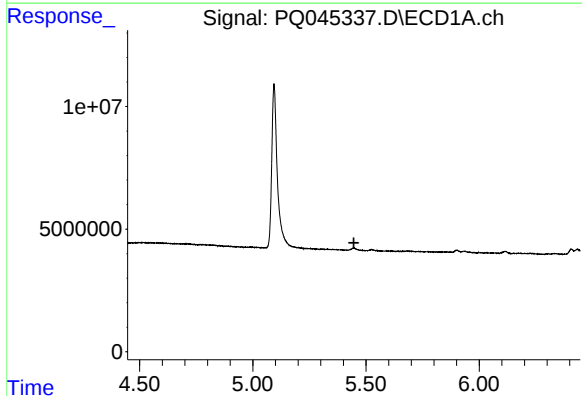
R.T.: 6.919 min
Delta R.T.: -0.011 min
Response: 37065643
Conc: 190.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



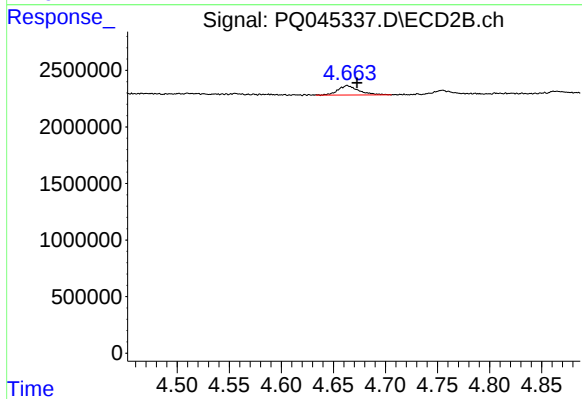
#7 AR-1016-5

R.T.: 6.079 min
Delta R.T.: -0.010 min
Response: 28066476
Conc: 183.70 ng/ml



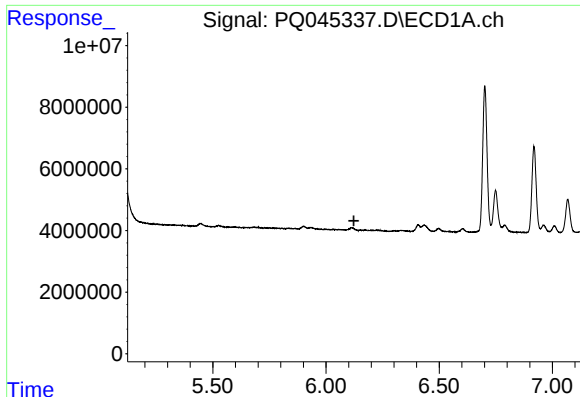
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.446 min
Response: 0
Conc: N.D.



#9 AR-1221-2

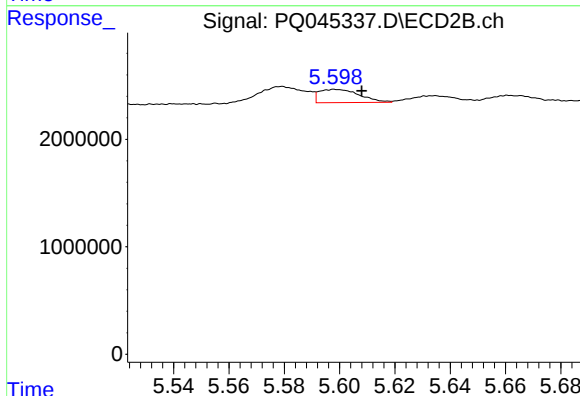
R.T.: 4.663 min
Delta R.T.: -0.010 min
Response: 1173792
Conc: 29.73 ng/ml



#12 AR-1232-2

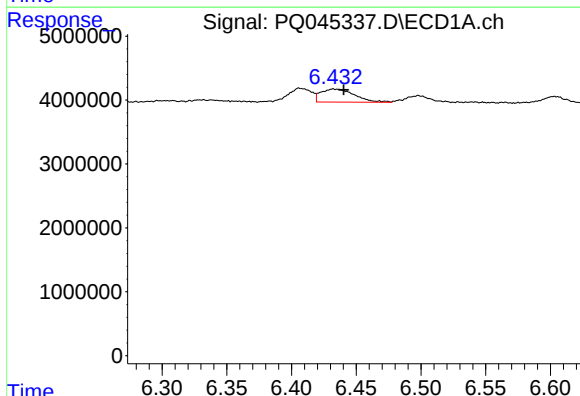
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



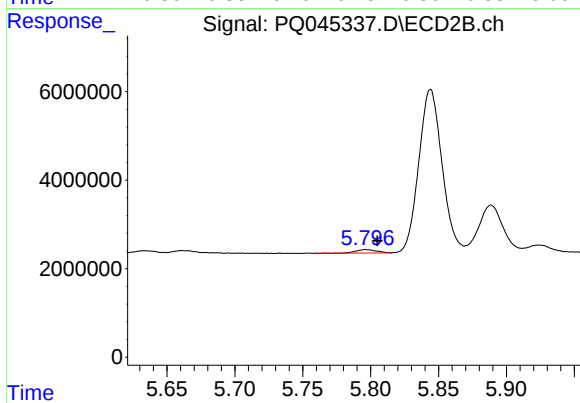
#12 AR-1232-2

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 1254037
Conc: 10.08 ng/ml



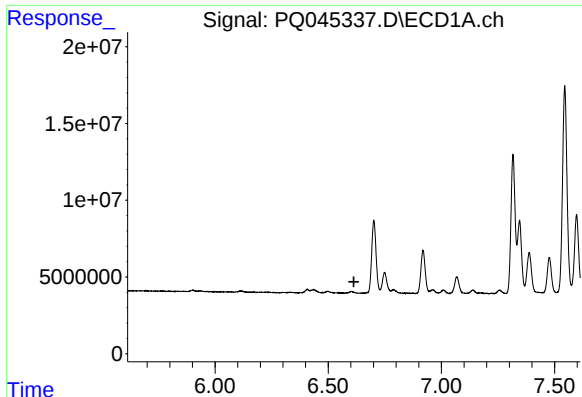
#13 AR-1232-3

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 3686377
Conc: 20.88 ng/ml



#13 AR-1232-3

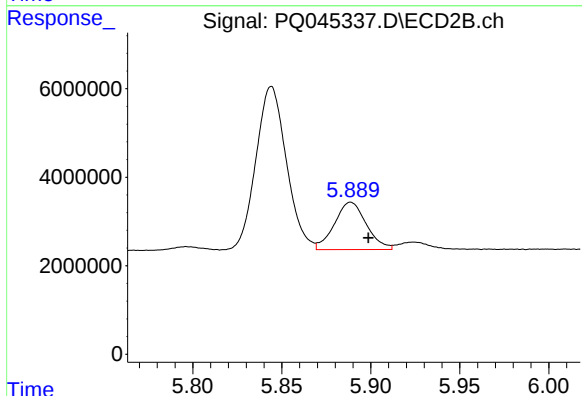
R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 808226
Conc: 13.65 ng/ml



#14 AR-1232-4

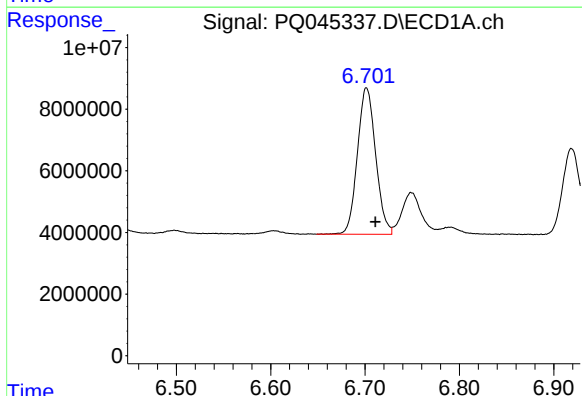
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



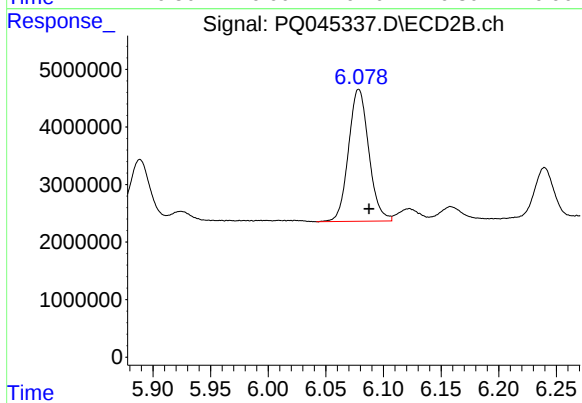
#14 AR-1232-4

R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: 13402360
Conc: 222.95 ng/ml



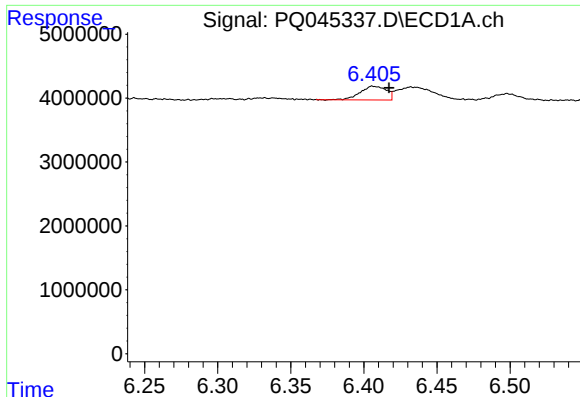
#15 AR-1232-5

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 63817782
Conc: 961.98 ng/ml



#15 AR-1232-5

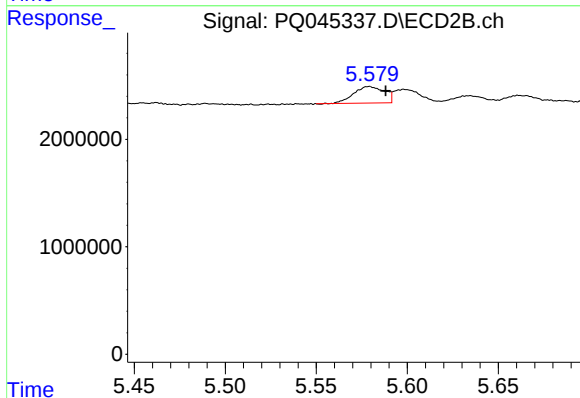
R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 28066476
Conc: 385.35 ng/ml



#16 AR-1242-1

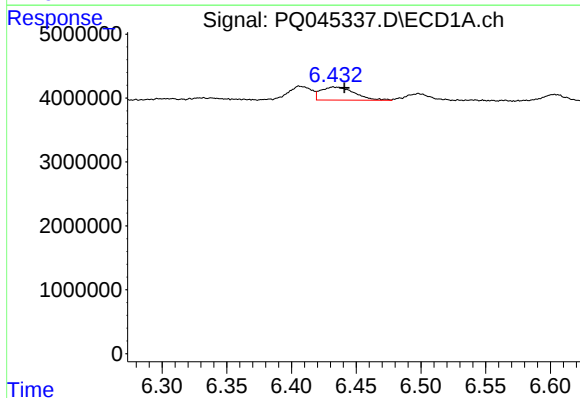
R.T.: 6.406 min
Delta R.T.: -0.011 min
Response: 2646677
Conc: 12.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



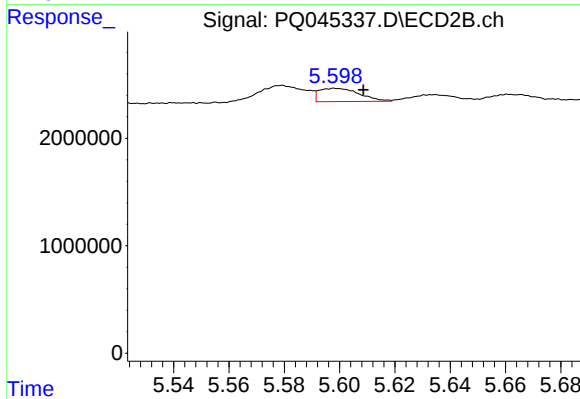
#16 AR-1242-1

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 1805991
Conc: 11.52 ng/ml



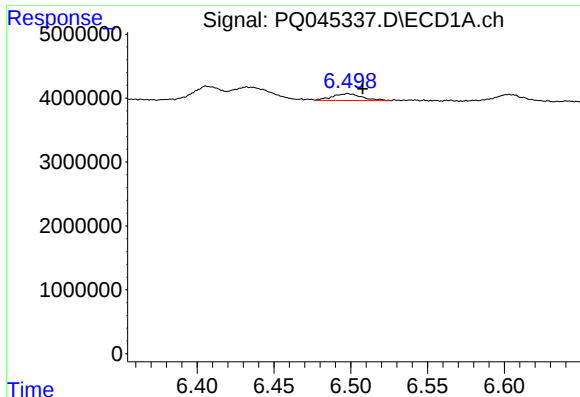
#17 AR-1242-2

R.T.: 6.433 min
Delta R.T.: -0.008 min
Response: 3686377
Conc: 11.46 ng/ml



#17 AR-1242-2

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 1254037
Conc: 5.60 ng/ml



#18 AR-1242-3

R.T.: 6.498 min
Delta R.T.: -0.010 min
Response: 1429549
Conc: 7.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :

#18 AR-1242-3

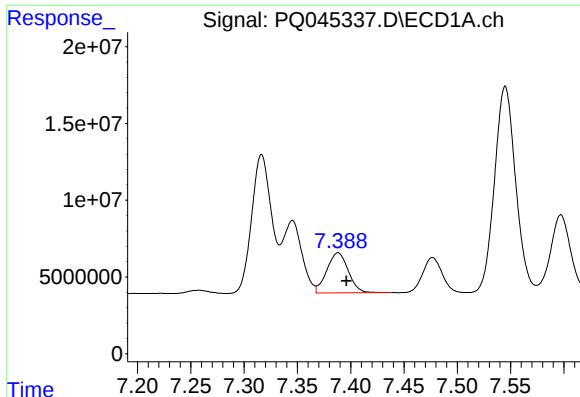
R.T.: 5.796 min
Delta R.T.: -0.009 min
Response: 808226
Conc: 7.27 ng/ml

#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.614 min
Response: 0
Conc: N.D.

#19 AR-1242-4

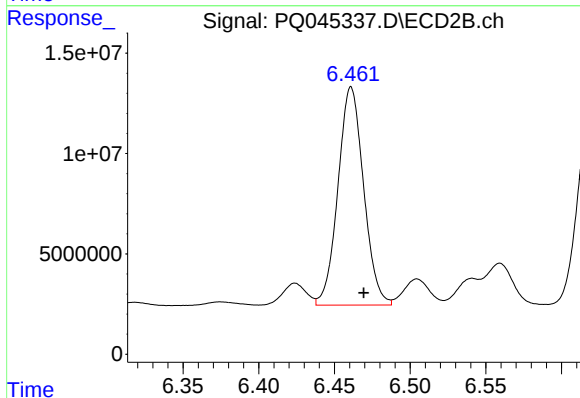
R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: 13402360
Conc: 112.39 ng/ml



#20 AR-1242-5

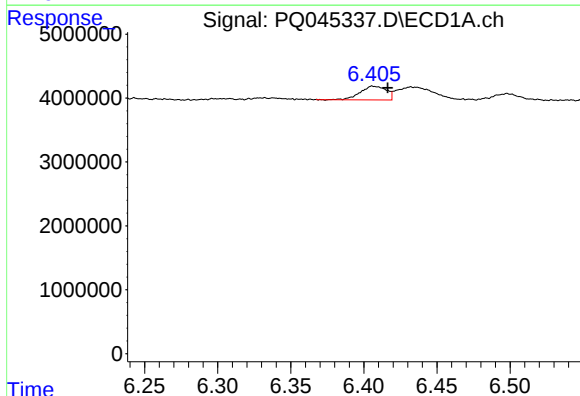
R.T.: 7.388 min
Delta R.T.: -0.008 min
Response: 36665265
Conc: 202.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



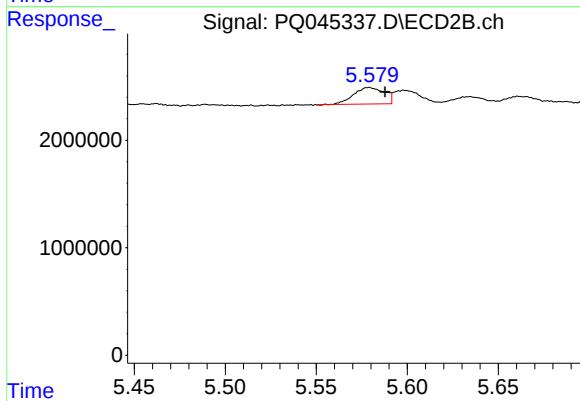
#20 AR-1242-5

R.T.: 6.461 min
Delta R.T.: -0.008 min
Response: 128110760
Conc: 780.20 ng/ml



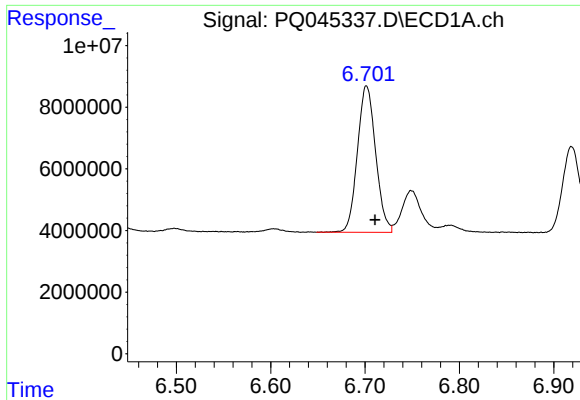
#21 AR-1248-1

R.T.: 6.406 min
Delta R.T.: -0.010 min
Response: 2646677
Conc: 15.71 ng/ml



#21 AR-1248-1

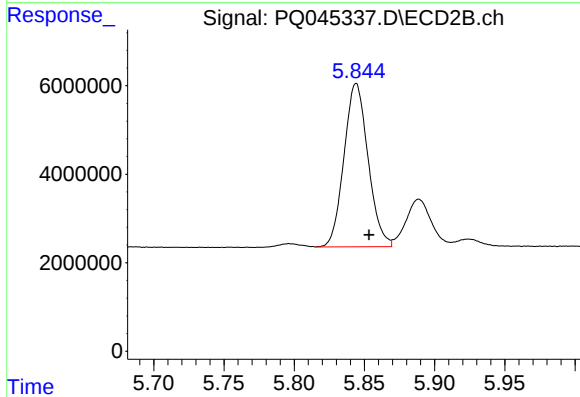
R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 1805991
Conc: 14.51 ng/ml



#22 AR-1248-2

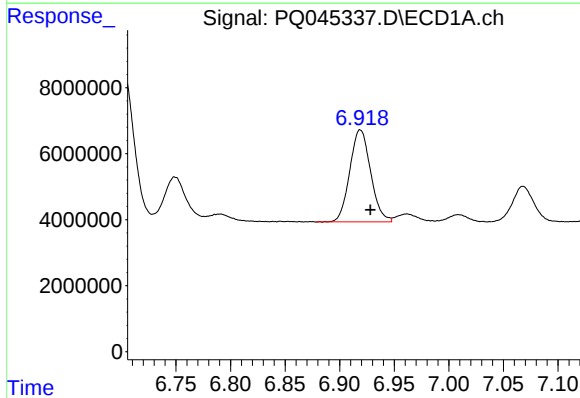
R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 63817782
Conc: 260.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



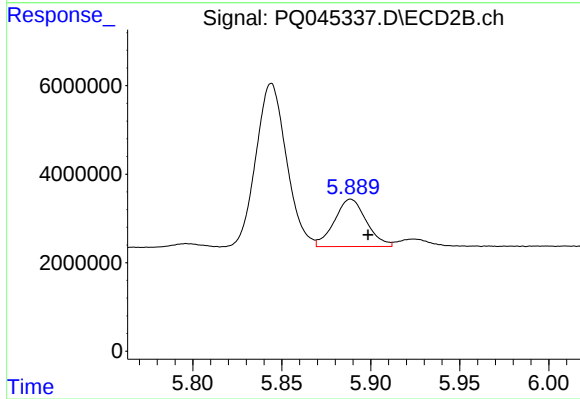
#22 AR-1248-2

R.T.: 5.844 min
Delta R.T.: -0.009 min
Response: 44090900
Conc: 259.01 ng/ml



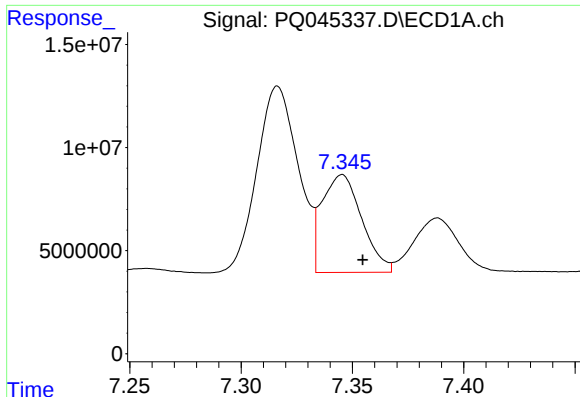
#23 AR-1248-3

R.T.: 6.919 min
Delta R.T.: -0.009 min
Response: 37065643
Conc: 136.19 ng/ml



#23 AR-1248-3

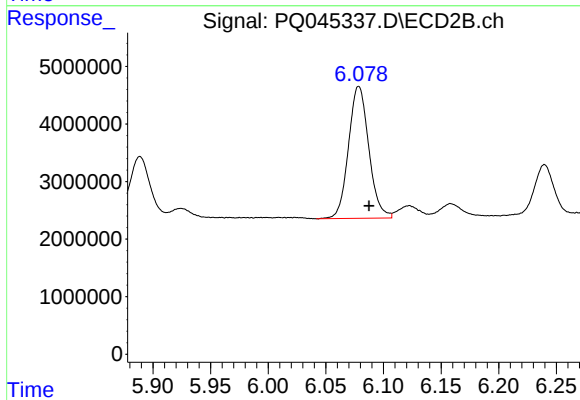
R.T.: 5.889 min
Delta R.T.: -0.010 min
Response: 13402360
Conc: 74.94 ng/ml



#24 AR-1248-4

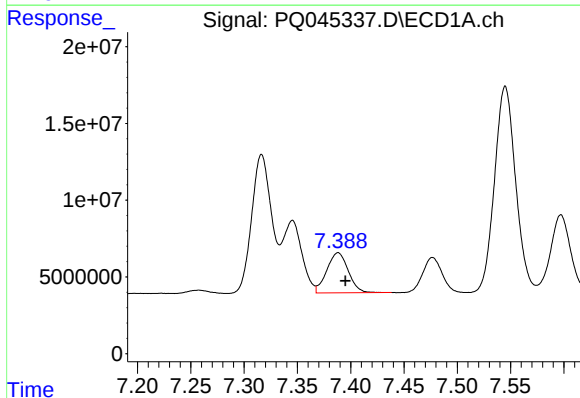
R.T.: 7.345 min
Delta R.T.: -0.009 min
Response: 58835466
Conc: 194.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



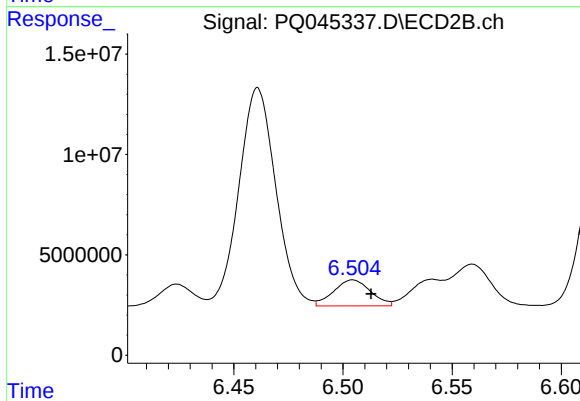
#24 AR-1248-4

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 28066476
Conc: 128.94 ng/ml



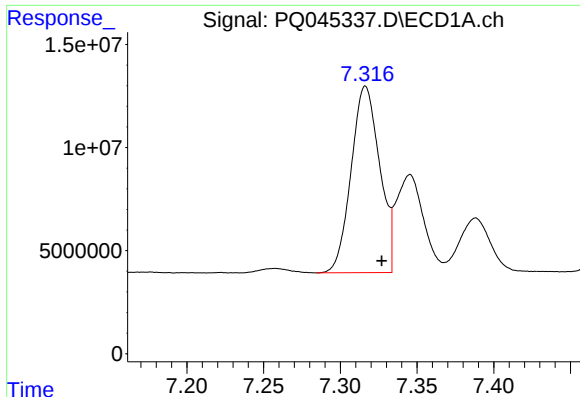
#25 AR-1248-5

R.T.: 7.388 min
Delta R.T.: -0.007 min
Response: 36665265
Conc: 128.18 ng/ml



#25 AR-1248-5

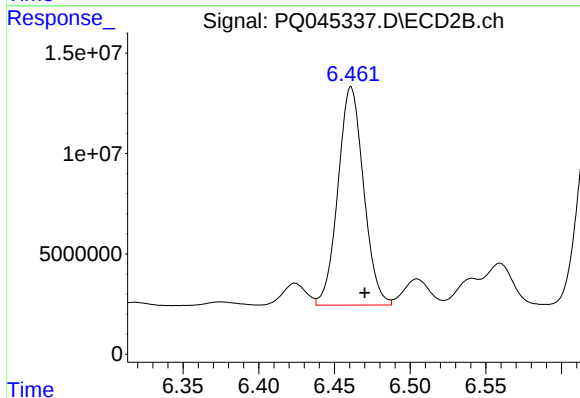
R.T.: 6.505 min
Delta R.T.: -0.008 min
Response: 15224317
Conc: 68.27 ng/ml



#26 AR-1254-1

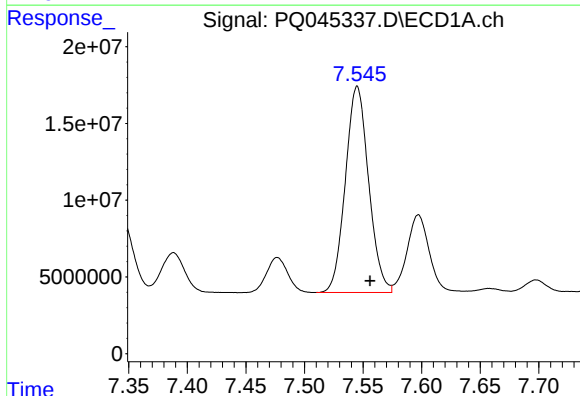
R.T.: 7.316 min
Delta R.T.: -0.011 min
Response: 116771588
Conc: 360.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



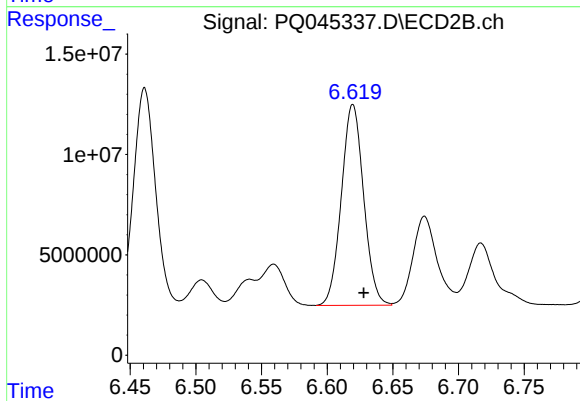
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: -0.009 min
Response: 128110760
Conc: 352.17 ng/ml



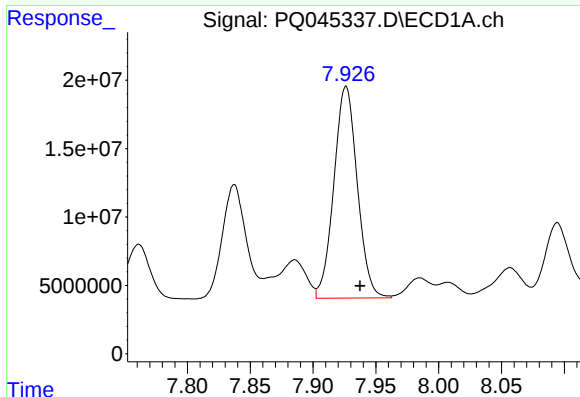
#27 AR-1254-2

R.T.: 7.545 min
Delta R.T.: -0.011 min
Response: 185239610
Conc: 373.09 ng/ml



#27 AR-1254-2

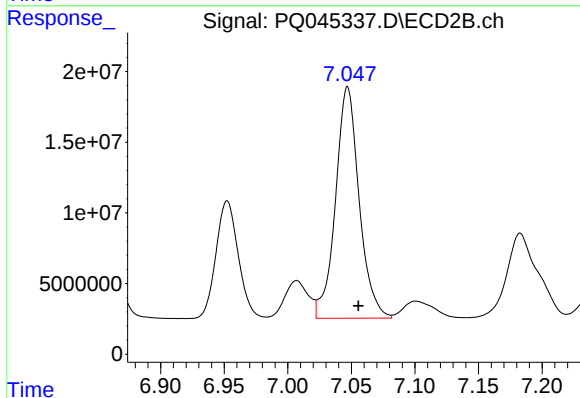
R.T.: 6.620 min
Delta R.T.: -0.008 min
Response: 118185093
Conc: 366.94 ng/ml



#28 AR-1254-3

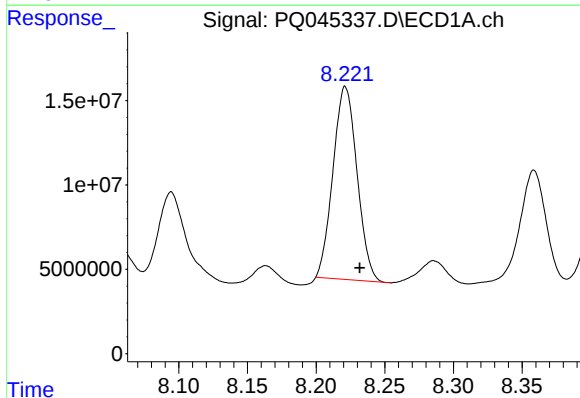
R.T.: 7.926 min
Delta R.T.: -0.011 min
Response: 200846299
Conc: 377.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



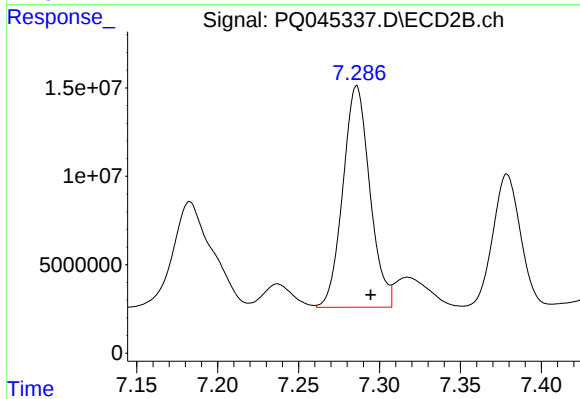
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.009 min
Response: 212024727
Conc: 382.24 ng/ml



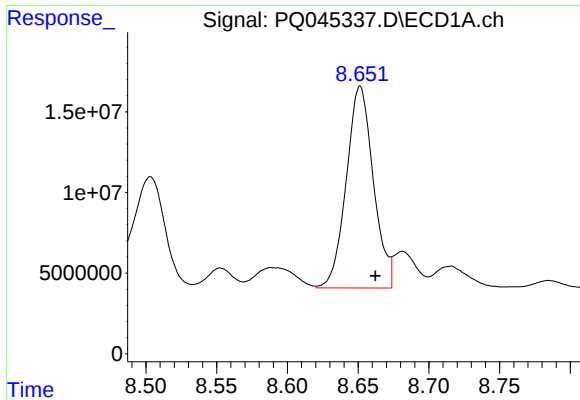
#29 AR-1254-4

R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 139216860
Conc: 360.39 ng/ml



#29 AR-1254-4

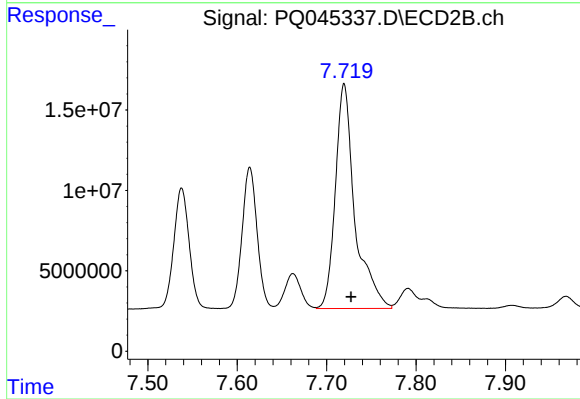
R.T.: 7.286 min
Delta R.T.: -0.009 min
Response: 145178657
Conc: 406.18 ng/ml



#30 AR-1254-5

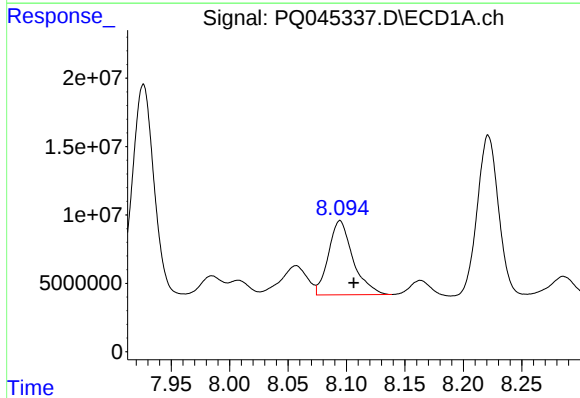
R.T.: 8.651 min
Delta R.T.: -0.011 min
Response: 166572377
Conc: 385.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



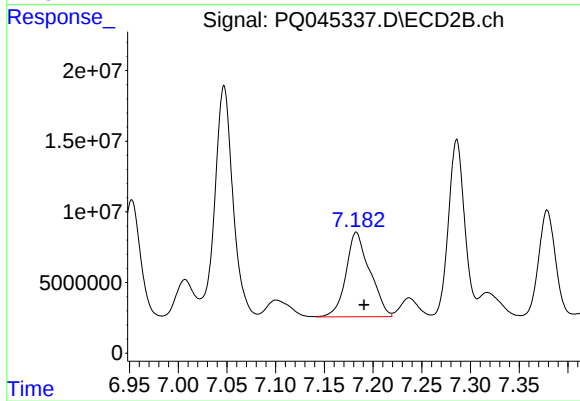
#30 AR-1254-5

R.T.: 7.720 min
Delta R.T.: -0.008 min
Response: 211990545
Conc: 423.96 ng/ml



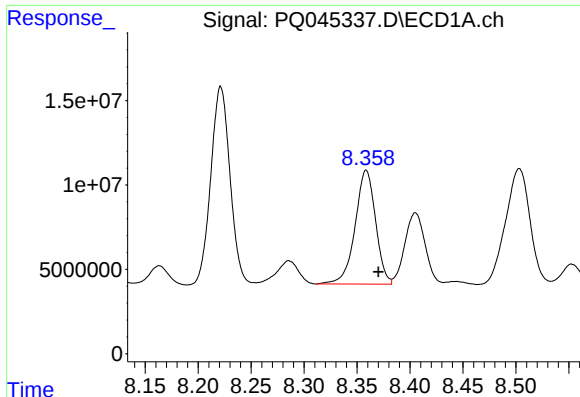
#31 AR-1260-1

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 78987135
Conc: 252.90 ng/ml



#31 AR-1260-1

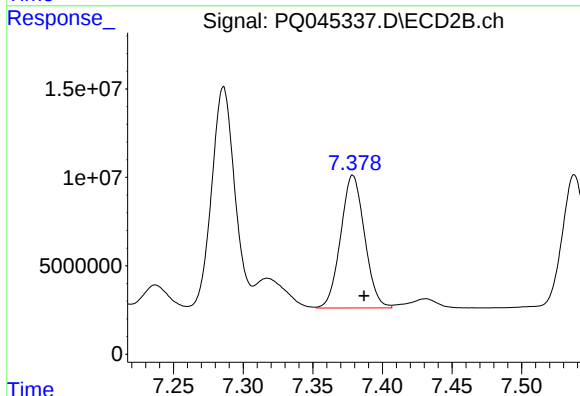
R.T.: 7.183 min
Delta R.T.: -0.008 min
Response: 102009283
Conc: 332.96 ng/ml



#32 AR-1260-2

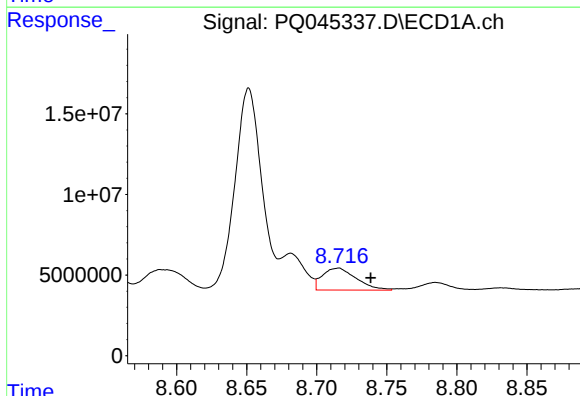
R.T.: 8.359 min
Delta R.T.: -0.011 min
Response: 90919770
Conc: 222.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



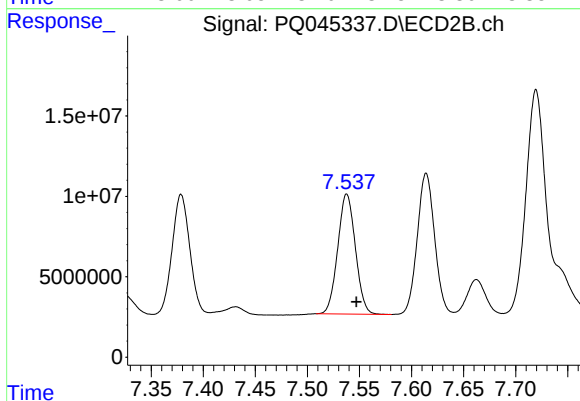
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 89596074
Conc: 226.91 ng/ml



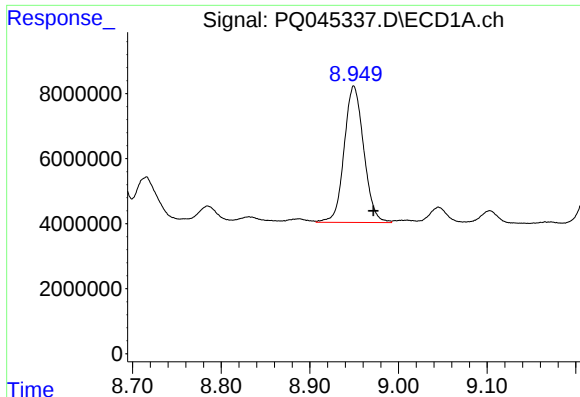
#33 AR-1260-3

R.T.: 8.715 min
Delta R.T.: -0.023 min
Response: 22885335
Conc: 70.10 ng/ml



#33 AR-1260-3

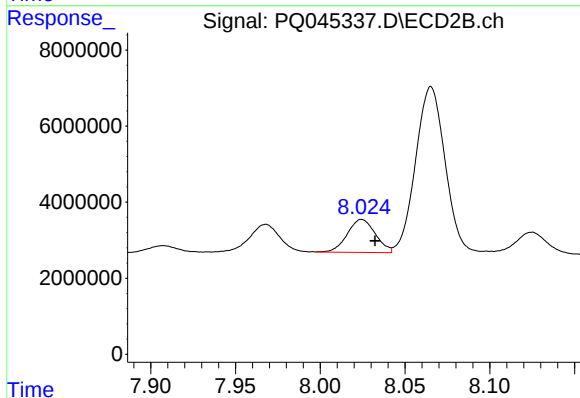
R.T.: 7.538 min
Delta R.T.: -0.009 min
Response: 87971477
Conc: 256.78 ng/ml



#34 AR-1260-4

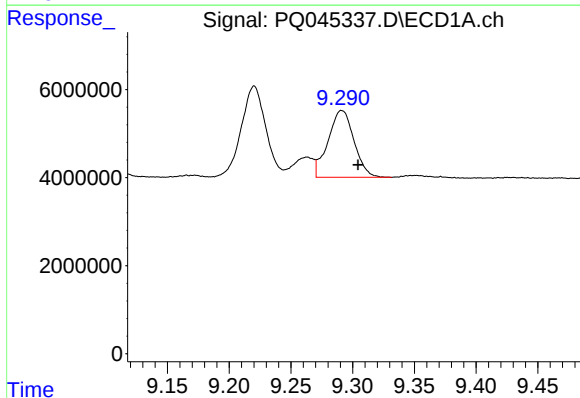
R.T.: 8.950 min
Delta R.T.: -0.022 min
Response: 64488196
Conc: 169.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



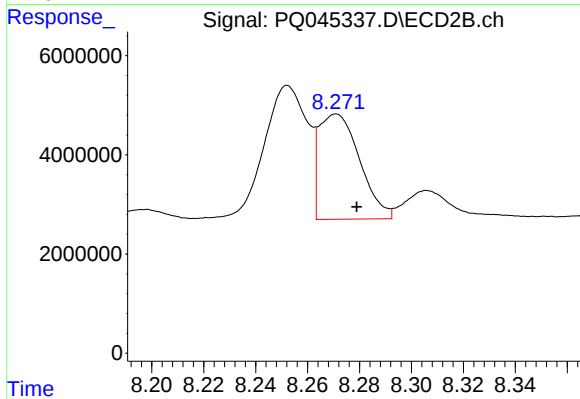
#34 AR-1260-4

R.T.: 8.024 min
Delta R.T.: -0.008 min
Response: 10023488
Conc: 32.69 ng/ml



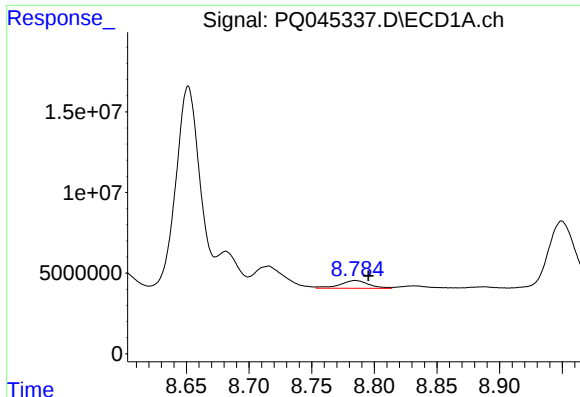
#35 AR-1260-5

R.T.: 9.291 min
Delta R.T.: -0.013 min
Response: 22236581
Conc: 28.89 ng/ml



#35 AR-1260-5

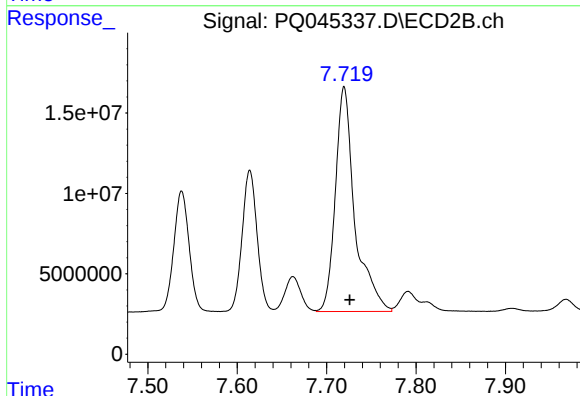
R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 23149375
Conc: 29.58 ng/ml



#36 AR-1262-1

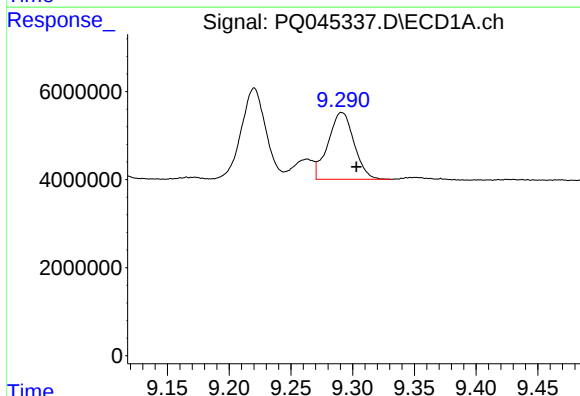
R.T.: 8.785 min
Delta R.T.: -0.010 min
Response: 7715881
Conc: 36.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



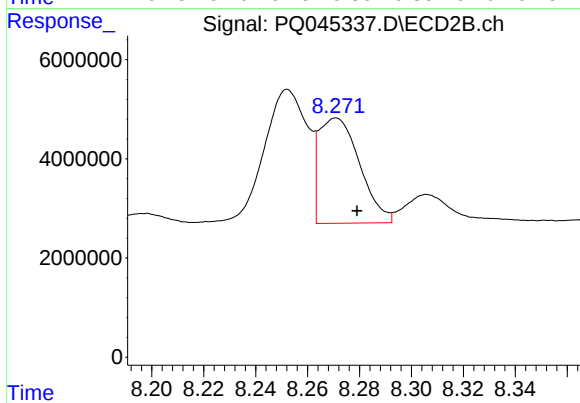
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: -0.006 min
Response: 211990545
Conc: 837.60 ng/ml



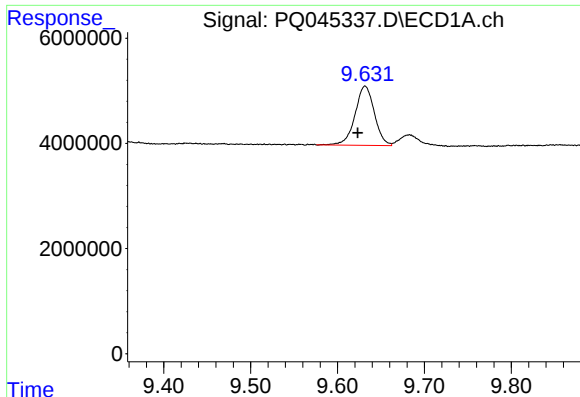
#37 AR-1262-2

R.T.: 9.291 min
Delta R.T.: -0.012 min
Response: 22236581
Conc: 24.62 ng/ml



#37 AR-1262-2

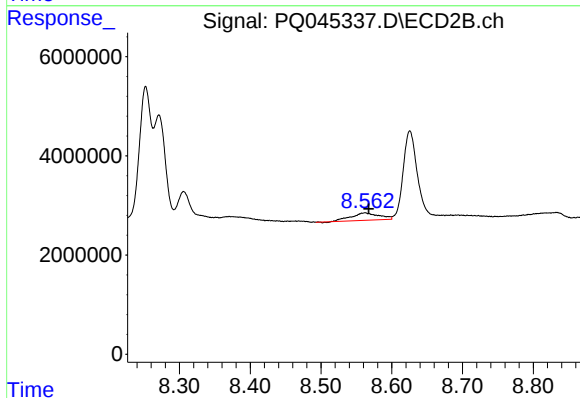
R.T.: 8.271 min
Delta R.T.: -0.008 min
Response: 23149375
Conc: 23.46 ng/ml



#38 AR-1262-3

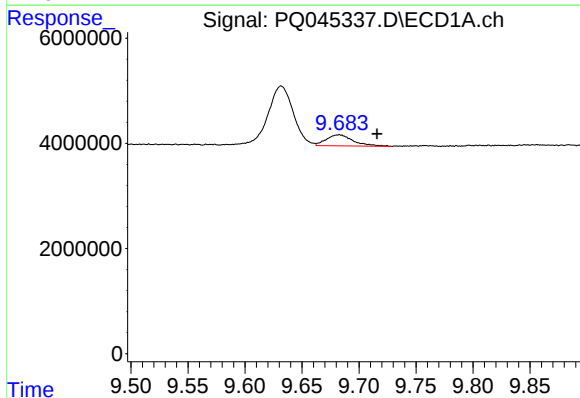
R.T.: 9.632 min
Delta R.T.: 0.008 min
Response: 17404013
Conc: 28.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



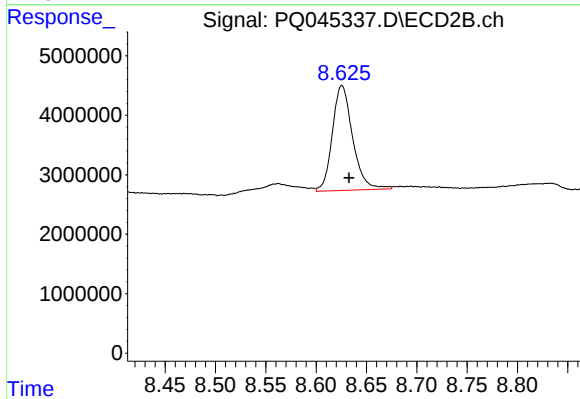
#38 AR-1262-3

R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 4029023
Conc: 10.46 ng/ml



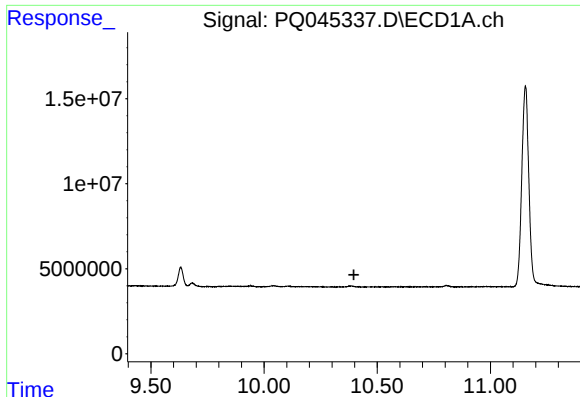
#39 AR-1262-4

R.T.: 9.683 min
Delta R.T.: -0.033 min
Response: 3442977
Conc: 7.58 ng/ml



#39 AR-1262-4

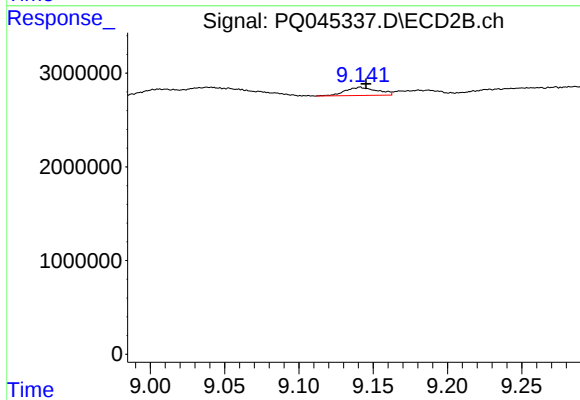
R.T.: 8.626 min
Delta R.T.: -0.007 min
Response: 24780263
Conc: 33.64 ng/ml



#40 AR-1262-5

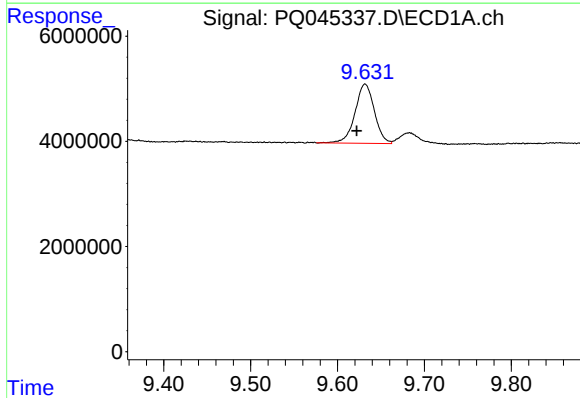
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



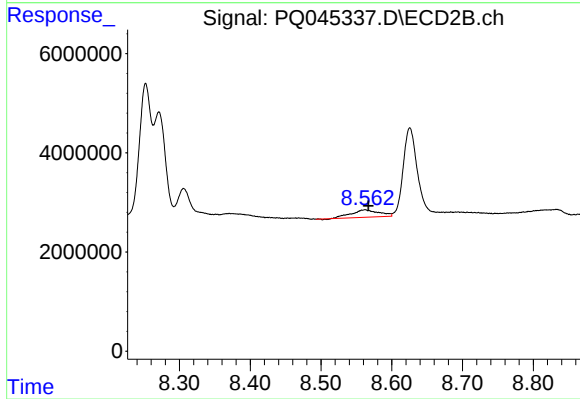
#40 AR-1262-5

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1327238
Conc: 3.81 ng/ml



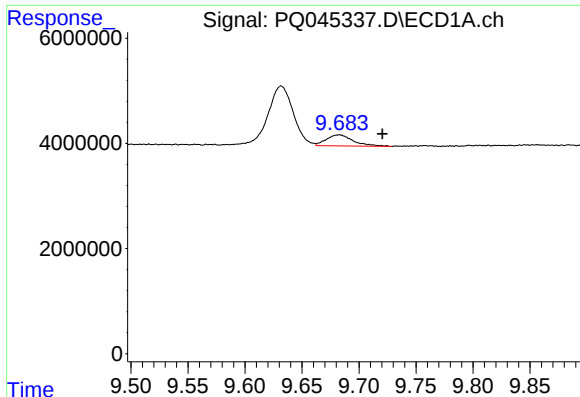
#41 AR-1268-1

R.T.: 9.632 min
Delta R.T.: 0.010 min
Response: 17404013
Conc: 15.58 ng/ml



#41 AR-1268-1

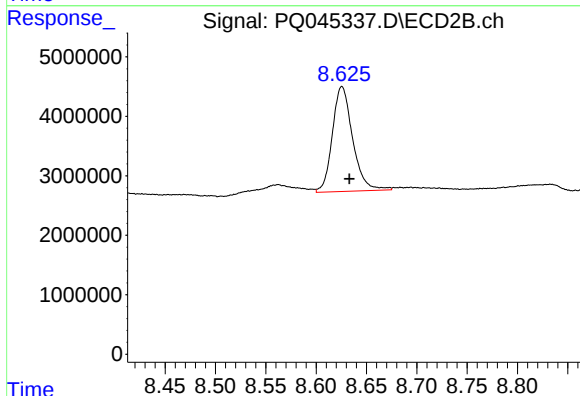
R.T.: 8.562 min
Delta R.T.: -0.005 min
Response: 4029023
Conc: 3.35 ng/ml



#42 AR-1268-2

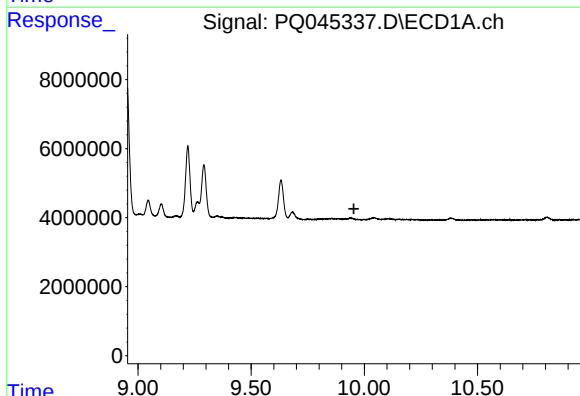
R.T.: 9.683 min
Delta R.T.: -0.038 min
Response: 3442977
Conc: 3.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



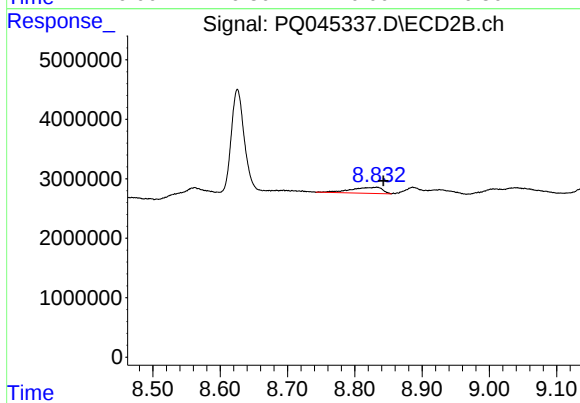
#42 AR-1268-2

R.T.: 8.626 min
Delta R.T.: -0.007 min
Response: 24780263
Conc: 22.25 ng/ml



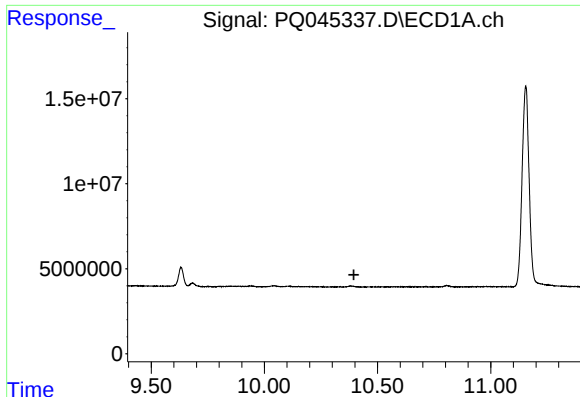
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

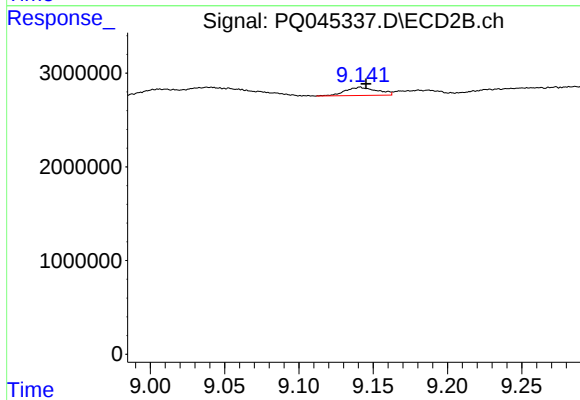
R.T.: 8.833 min
Delta R.T.: -0.009 min
Response: 3186507
Conc: 3.43 ng/ml



#44 AR-1268-4

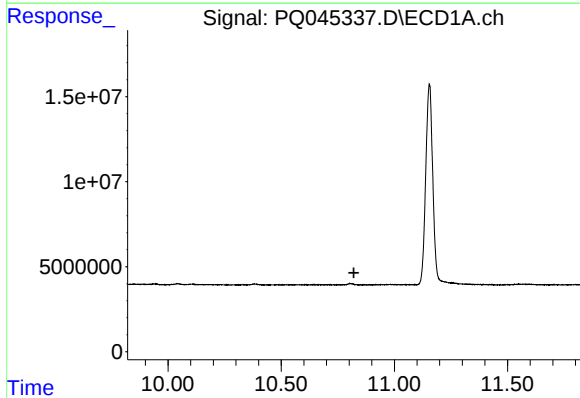
R.T.: 0.000 min
Exp R.T. : 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



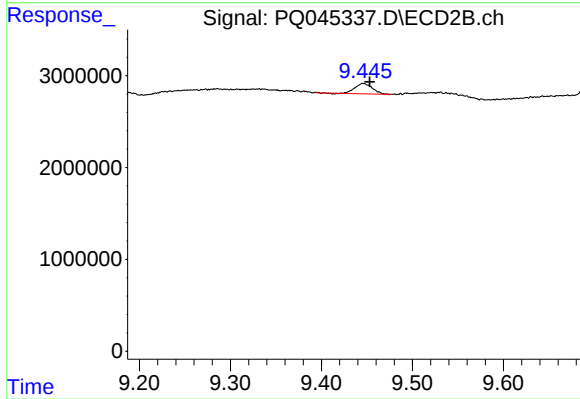
#44 AR-1268-4

R.T.: 9.141 min
Delta R.T.: -0.004 min
Response: 1327238
Conc: 3.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.821 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.446 min
Delta R.T.: -0.007 min
Response: 1494773
Conc: 0.49 ng/ml