

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051320\
 Data File : PQ047739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 May 2020 13:19
 Operator : AJ\MA
 Sample : L2535-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 14:13:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 2020
 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...	5.105	4.261	63159121	11841683	3.291	3.597
2)	SA Decachlor...	11.178	9.646	69495501	8222017	3.195	2.521
Target Compounds							
3)	L1 AR-1016-1	6.419	5.534	2623008	573428	3.797	4.837 #
4)	L1 AR-1016-2	6.442	5.550	3199748	316709	3.305	1.994 #
5)	L1 AR-1016-3	6.442	5.766	3199748	1151873	5.482	13.839 #
6)	L1 AR-1016-4	6.614	5.797	3115556	3849976	6.265	58.272 #
7)	L1 AR-1016-5	6.931	6.030	25827669	2141638	53.780	23.999 #
8)	L2 AR-1221-1	0.000	4.465	0	581059	N.D.	16.912 #
9)	L2 AR-1221-2	5.484	0.000	6837495	0	42.508	N.D. #
10)	L2 AR-1221-3	5.484	0.000	6837495	0	14.023	N.D. #
11)	L3 AR-1232-1	5.484	0.000	6837495	0	18.037	N.D. #
12)	L3 AR-1232-2	0.000	5.550	0	316709	N.D.	4.866 #
13)	L3 AR-1232-3	6.442	5.766	3199748	1151873	7.969	34.272 #
14)	L3 AR-1232-4	6.614	5.842	3115556	1216610	15.096	41.513 #
15)	L3 AR-1232-5	6.714	6.030	23242854	2141638	149.965	61.985 #
16)	L4 AR-1242-1	6.419	5.534	2623008	573428	4.722	5.943 #
17)	L4 AR-1242-2	6.442	5.550	3199748	316709	3.980	2.400 #
18)	L4 AR-1242-3	6.442	5.766	3199748	1151873	6.675	16.503 #
19)	L4 AR-1242-4	6.614	5.842	3115556	1216610	7.588	18.406 #
20)	L4 AR-1242-5	7.401	6.412	18509279	12287380	39.719	132.301 #
21)	L5 AR-1248-1	6.419	5.534	2623008	573428	6.775	8.611 #
22)	L5 AR-1248-2	6.714	5.797	23242854	3849976	44.872	46.079
23)	L5 AR-1248-3	6.931	5.842	25827669	1216610	44.868	14.263 #
24)	L5 AR-1248-4	7.358	6.030	27193079	2141638	39.598	20.410 #
25)	L5 AR-1248-5	7.401	6.458	18509279	2722785	28.540	25.817
26)	L6 AR-1254-1	7.330	6.412	49702191	12287380	70.973	70.625
27)	L6 AR-1254-2	7.559	6.570	94967708	11564716	87.078	76.597
28)	L6 AR-1254-3	7.941	6.996	91831909	21913459	78.924	90.271
29)	L6 AR-1254-4	8.236	7.235	83226125	12800837	86.142	81.961
30)	L6 AR-1254-5	8.665	7.667	138.0E6	25170046	140.982	120.263
31)	L7 AR-1260-1	8.109	7.132	68127996	13919761	78.728	88.240
32)	L7 AR-1260-2	8.373	7.328	100.7E6	16592050	88.571	84.398
33)	L7 AR-1260-3	8.741	7.487	51643804	13529163	53.196	73.997 #
34)	L7 AR-1260-4	8.971	7.972	70295337	7339479	72.398	48.645 #
35)	L7 AR-1260-5	9.307	8.219	143.4E6	21007735	63.072	54.207
36)	L8 AR-1262-1	8.741	7.667	51643804	25170046	37.368	227.229 #
37)	L8 AR-1262-2	9.307	8.219	143.4E6	21007735	55.426	49.830
38)	L8 AR-1262-3	9.647	8.506	82262451	4253576	47.341	26.404 #
39)	L8 AR-1262-4	9.722	8.571	25017617	17297668	18.604	56.522 #
40)	L8 AR-1262-5	10.405	9.080	51588747	4413695	52.591	30.812 #
41)	L9 AR-1268-1	9.647	8.506	82262451	4253576	22.888	7.733 #

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 Acq On : 13 May 2020 13:19
 Operator : AJ\MA
 Sample : L2535-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

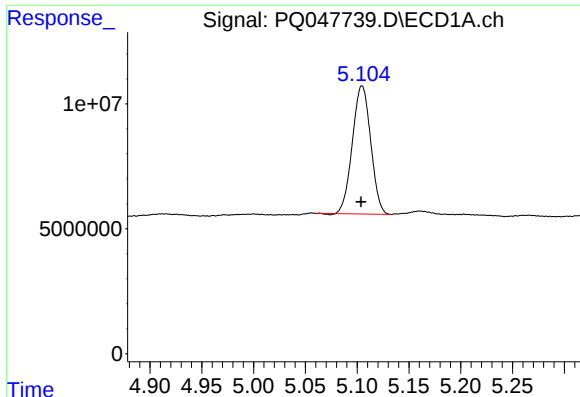
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 14:13:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	9.722	8.571	25017617	17297668	7.791	34.015 #
43) L9	AR-1268-3	9.957	8.780	23302583	421949	8.368	1.018 #
44) L9	AR-1268-4	10.405	9.080	51588747	4413695	44.454	25.912 #
45) L9	AR-1268-5	10.831	9.382	16636159	2898180	2.083	2.219

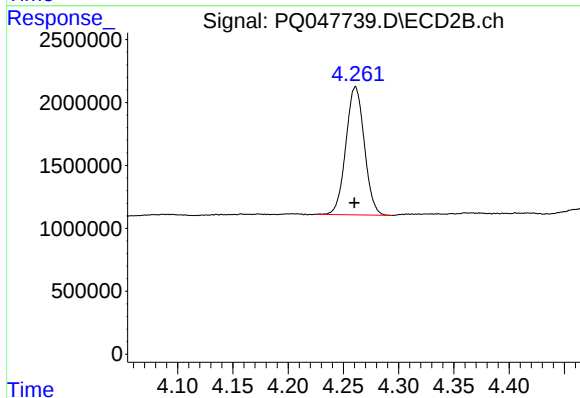
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

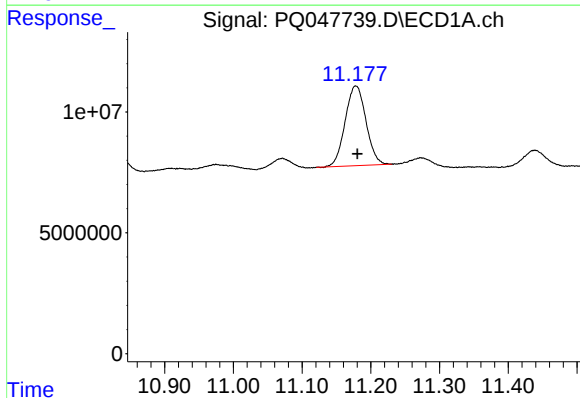
R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 63159121
Conc: 3.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



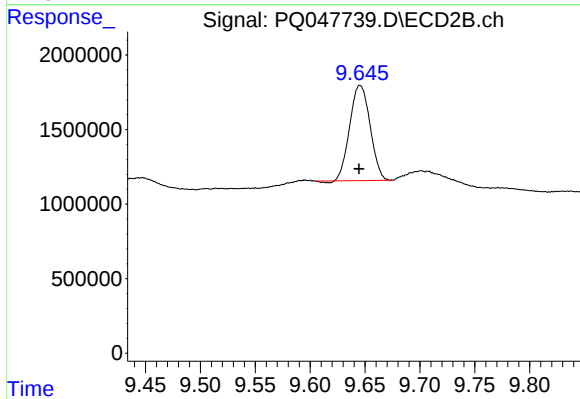
#1 Tetrachloro-m-xylene

R.T.: 4.261 min
Delta R.T.: 0.001 min
Response: 11841683
Conc: 3.60 ng/ml



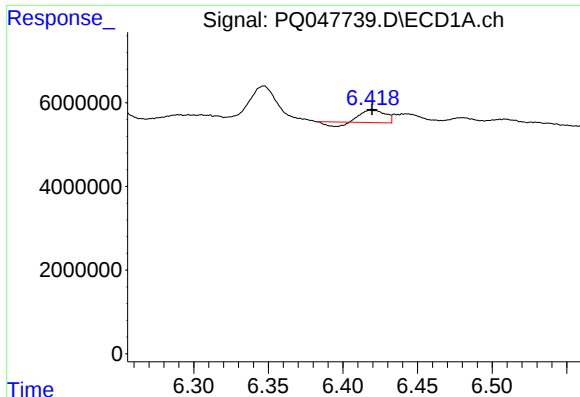
#2 Decachlorobiphenyl

R.T.: 11.178 min
Delta R.T.: -0.003 min
Response: 69495501
Conc: 3.20 ng/ml



#2 Decachlorobiphenyl

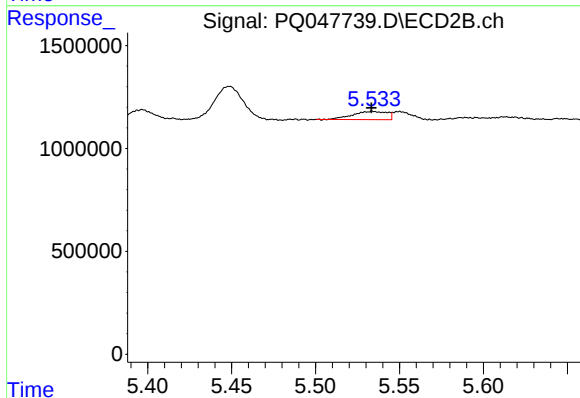
R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 8222017
Conc: 2.52 ng/ml



#3 AR-1016-1

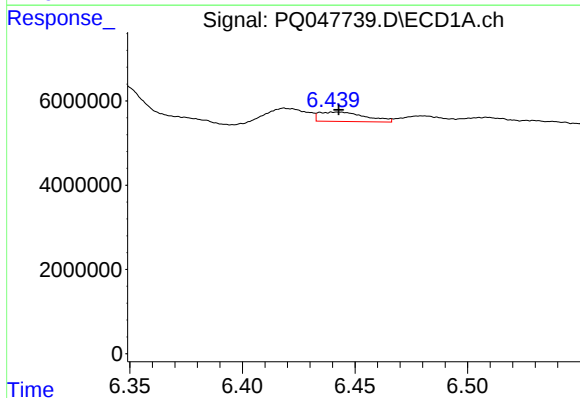
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 2623008
Conc: 3.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



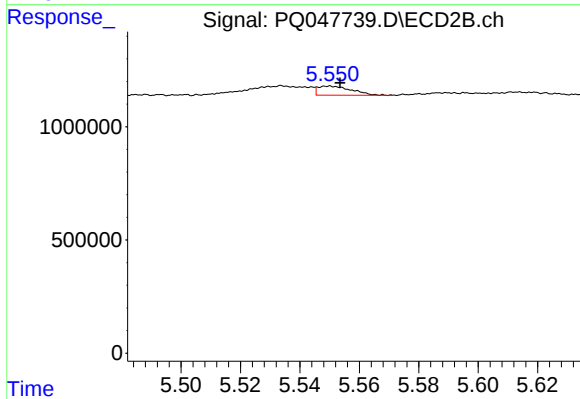
#3 AR-1016-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 573428
Conc: 4.84 ng/ml



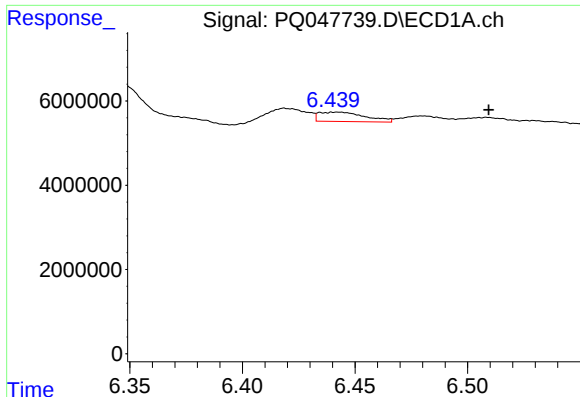
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 3199748
Conc: 3.30 ng/ml



#4 AR-1016-2

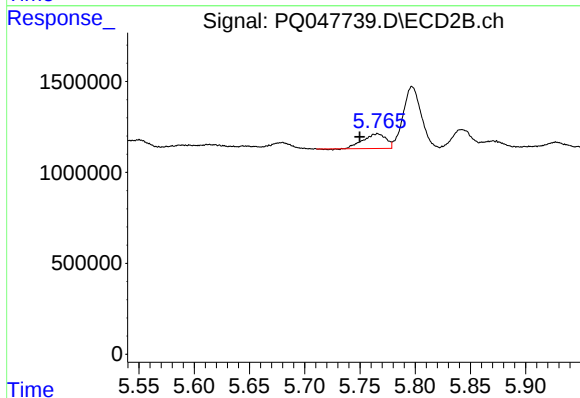
R.T.: 5.550 min
Delta R.T.: -0.003 min
Response: 316709
Conc: 1.99 ng/ml



#5 AR-1016-3

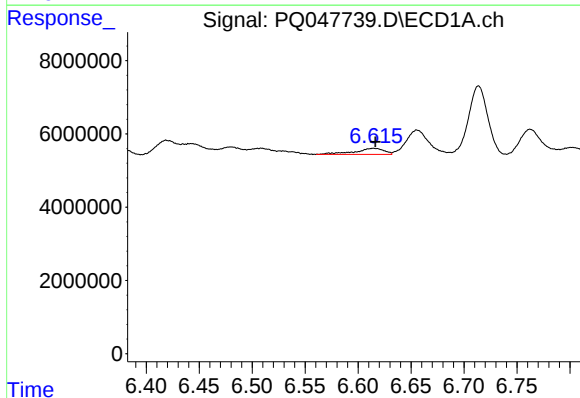
R.T.: 6.442 min
Delta R.T.: -0.067 min
Response: 3199748
Conc: 5.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



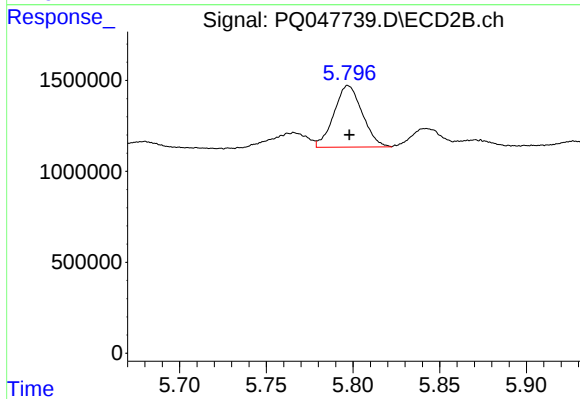
#5 AR-1016-3

R.T.: 5.766 min
Delta R.T.: 0.016 min
Response: 1151873
Conc: 13.84 ng/ml



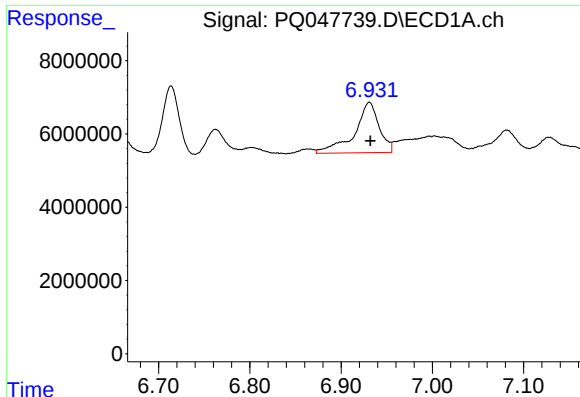
#6 AR-1016-4

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 3115556
Conc: 6.27 ng/ml



#6 AR-1016-4

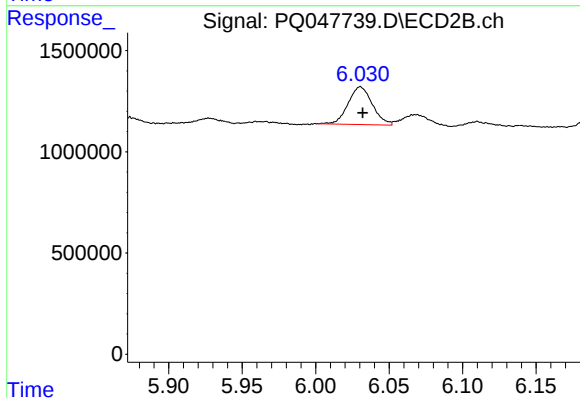
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 3849976
Conc: 58.27 ng/ml



#7 AR-1016-5

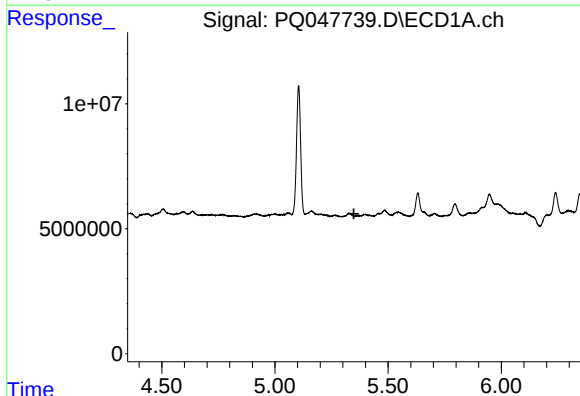
R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 25827669
Conc: 53.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



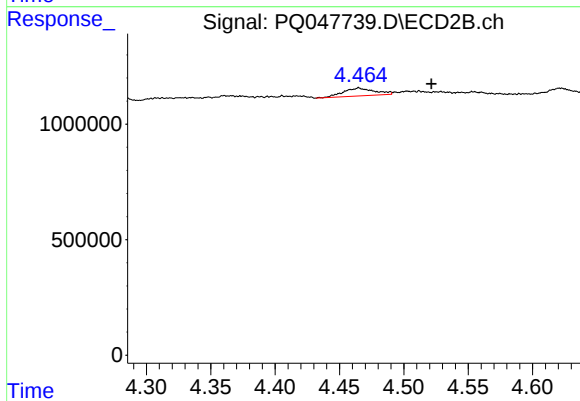
#7 AR-1016-5

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 2141638
Conc: 24.00 ng/ml



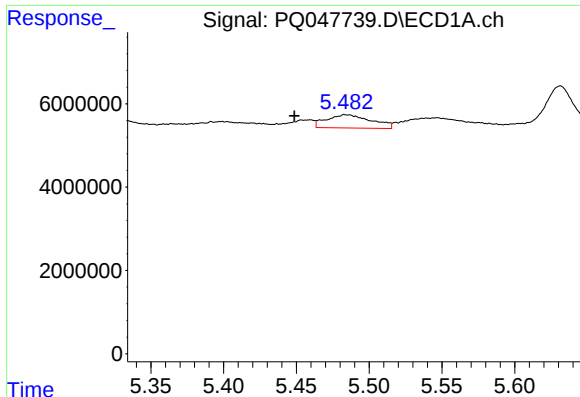
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.349 min
Response: 0
Conc: N.D.



#8 AR-1221-1

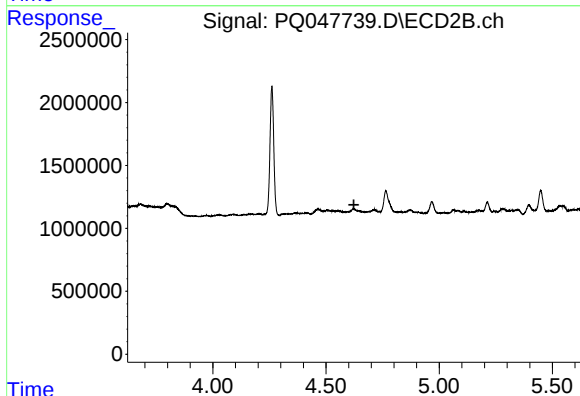
R.T.: 4.465 min
Delta R.T.: -0.056 min
Response: 581059
Conc: 16.91 ng/ml



#9 AR-1221-2

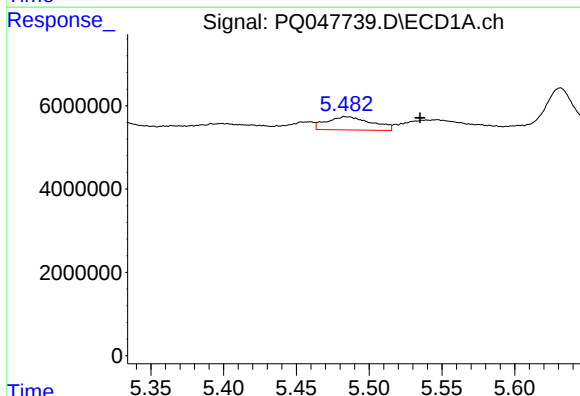
R.T.: 5.484 min
Delta R.T.: 0.036 min
Response: 6837495
Conc: 42.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



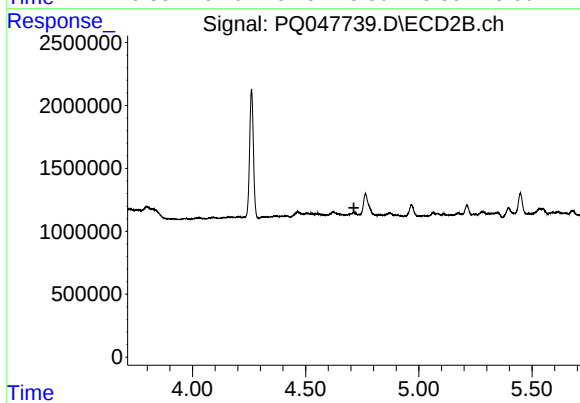
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.623 min
Response: 0
Conc: N.D.



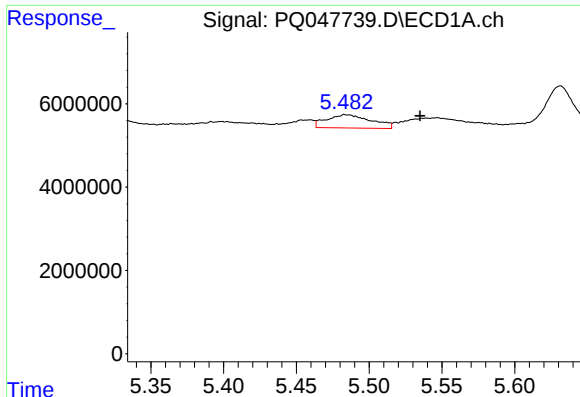
#10 AR-1221-3

R.T.: 5.484 min
Delta R.T.: -0.051 min
Response: 6837495
Conc: 14.02 ng/ml



#10 AR-1221-3

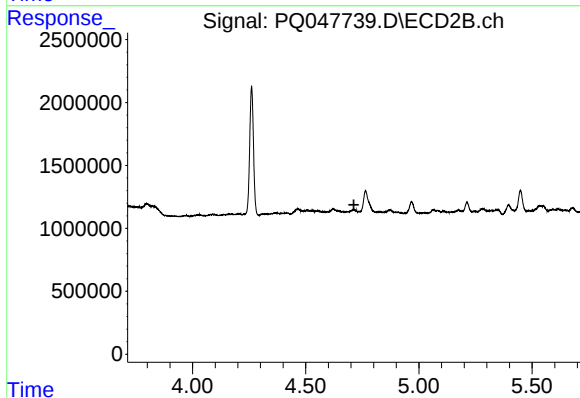
R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#11 AR-1232-1

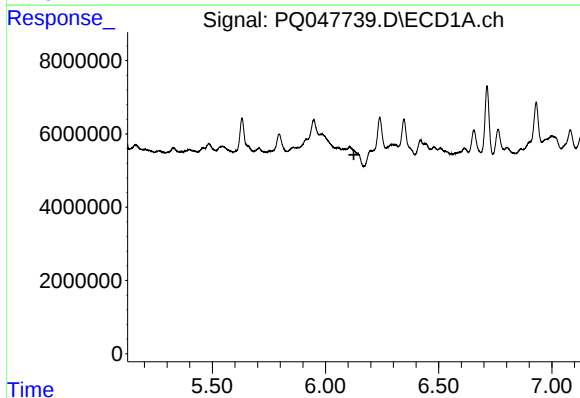
R.T.: 5.484 min
Delta R.T.: -0.051 min
Response: 6837495
Conc: 18.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



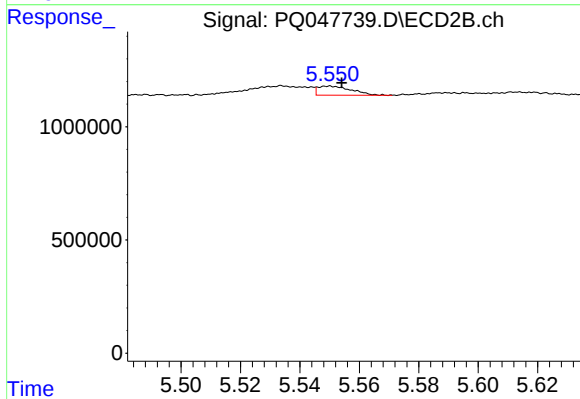
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



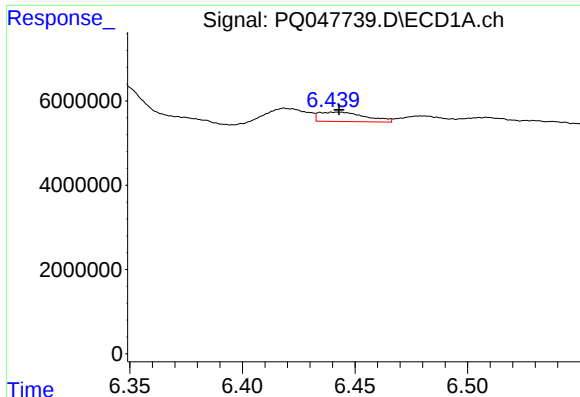
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.125 min
Response: 0
Conc: N.D.



#12 AR-1232-2

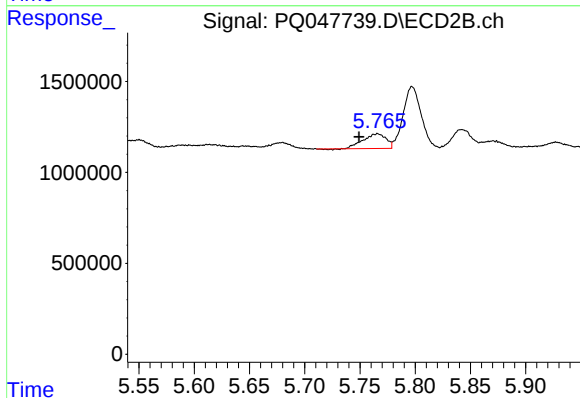
R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 316709
Conc: 4.87 ng/ml



#13 AR-1232-3

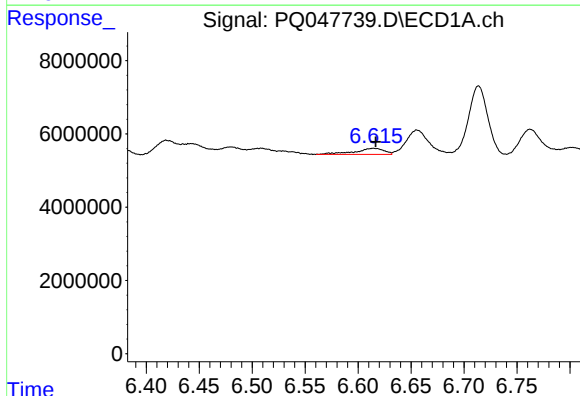
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 3199748
Conc: 7.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



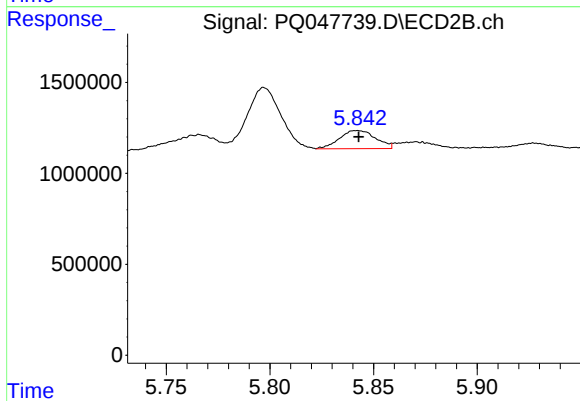
#13 AR-1232-3

R.T.: 5.766 min
Delta R.T.: 0.017 min
Response: 1151873
Conc: 34.27 ng/ml



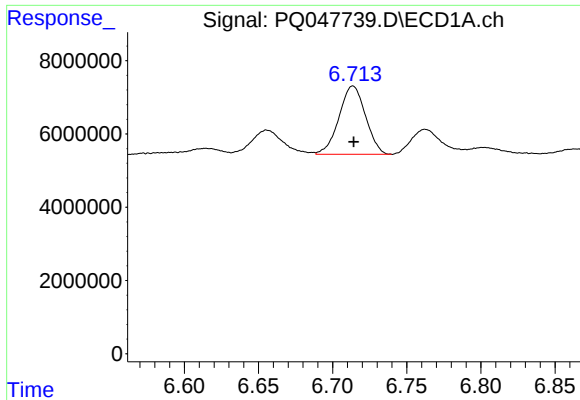
#14 AR-1232-4

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 3115556
Conc: 15.10 ng/ml



#14 AR-1232-4

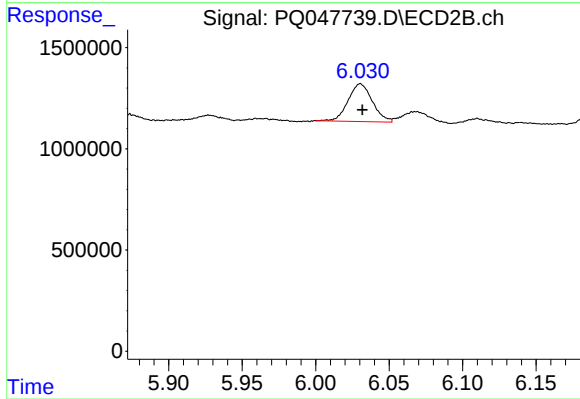
R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 1216610
Conc: 41.51 ng/ml



#15 AR-1232-5

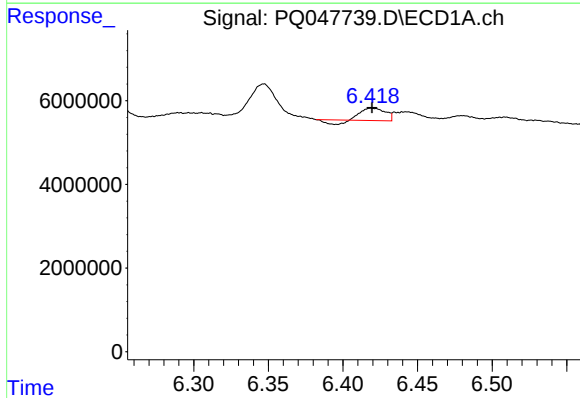
R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 23242854
Conc: 149.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



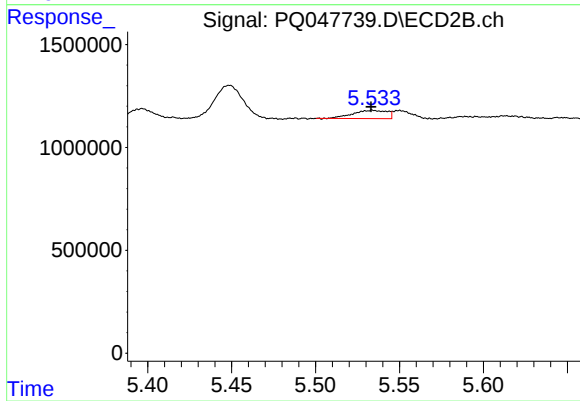
#15 AR-1232-5

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 2141638
Conc: 61.98 ng/ml



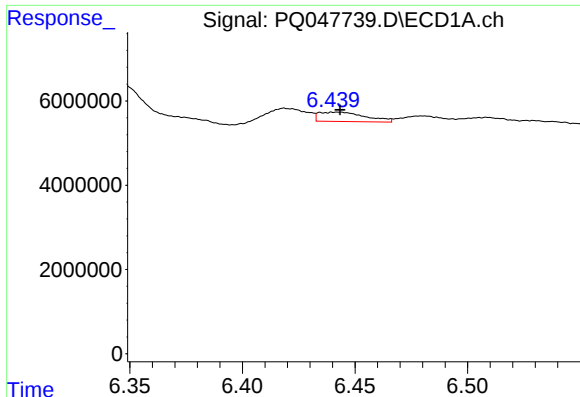
#16 AR-1242-1

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 2623008
Conc: 4.72 ng/ml



#16 AR-1242-1

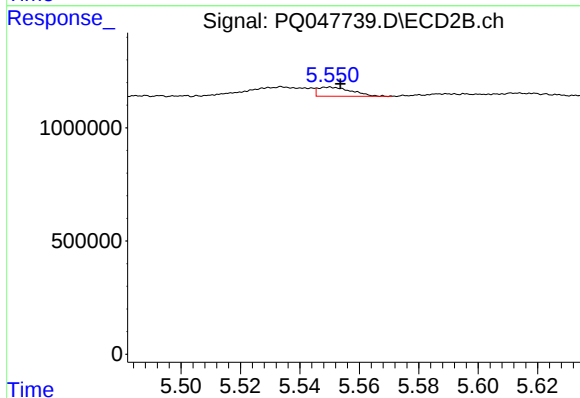
R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 573428
Conc: 5.94 ng/ml



#17 AR-1242-2

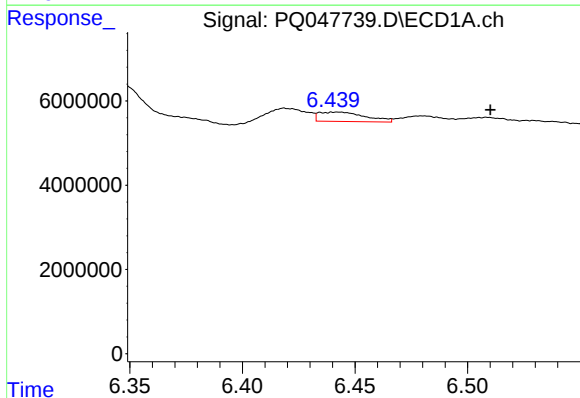
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 3199748
Conc: 3.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



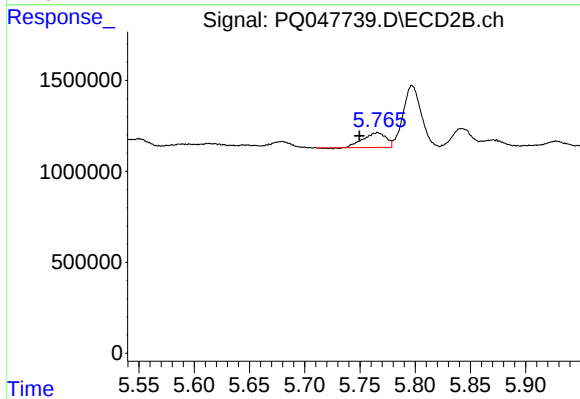
#17 AR-1242-2

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 316709
Conc: 2.40 ng/ml



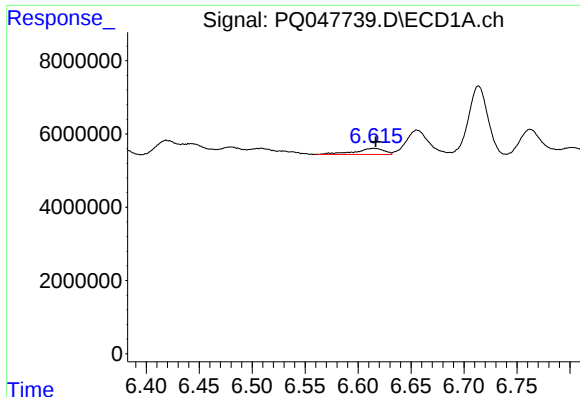
#18 AR-1242-3

R.T.: 6.442 min
Delta R.T.: -0.068 min
Response: 3199748
Conc: 6.68 ng/ml



#18 AR-1242-3

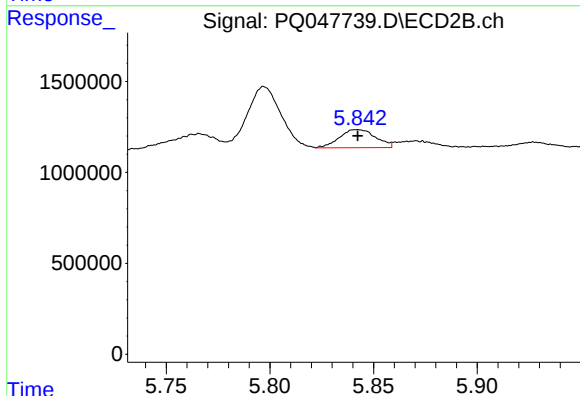
R.T.: 5.766 min
Delta R.T.: 0.016 min
Response: 1151873
Conc: 16.50 ng/ml



#19 AR-1242-4

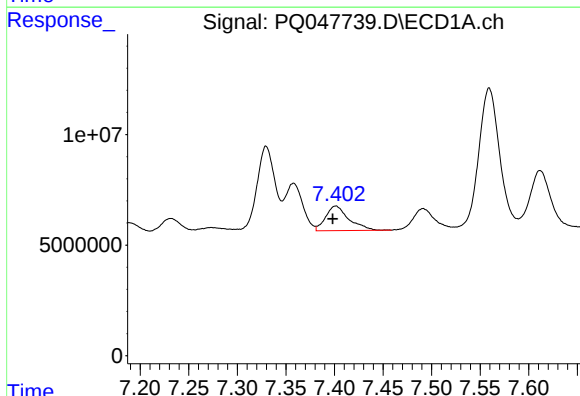
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 3115556
Conc: 7.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



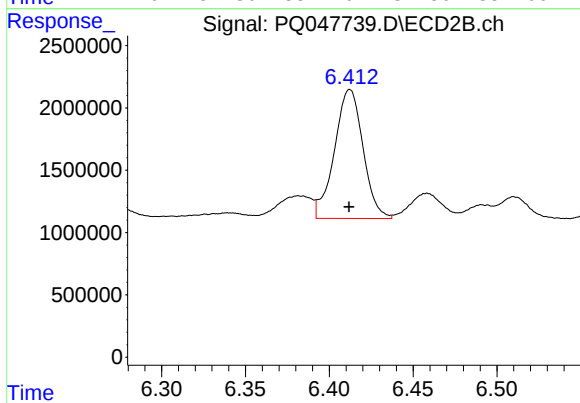
#19 AR-1242-4

R.T.: 5.842 min
Delta R.T.: 0.000 min
Response: 1216610
Conc: 18.41 ng/ml



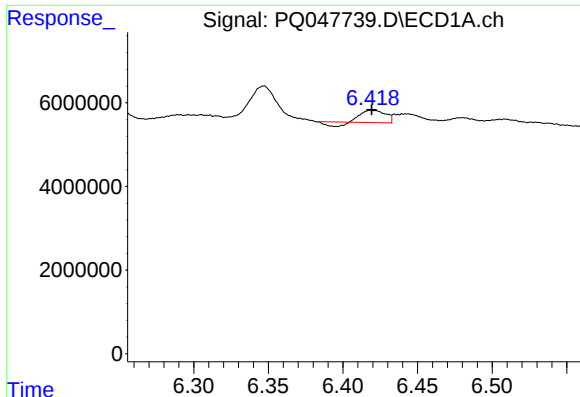
#20 AR-1242-5

R.T.: 7.401 min
Delta R.T.: 0.003 min
Response: 18509279
Conc: 39.72 ng/ml



#20 AR-1242-5

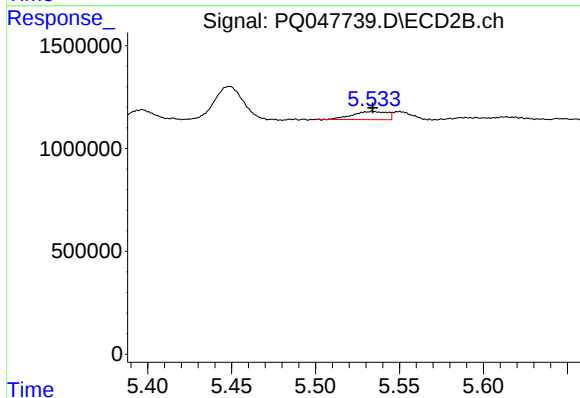
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 12287380
Conc: 132.30 ng/ml



#21 AR-1248-1

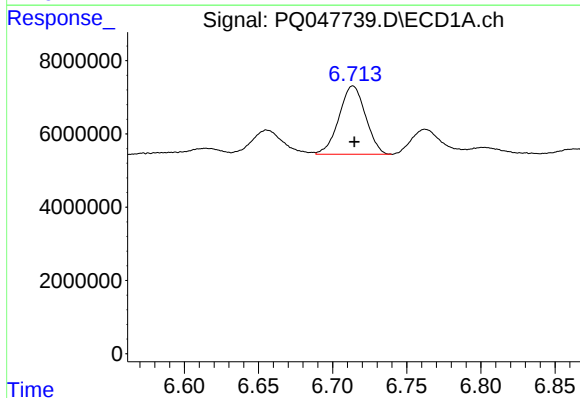
R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 2623008
Conc: 6.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



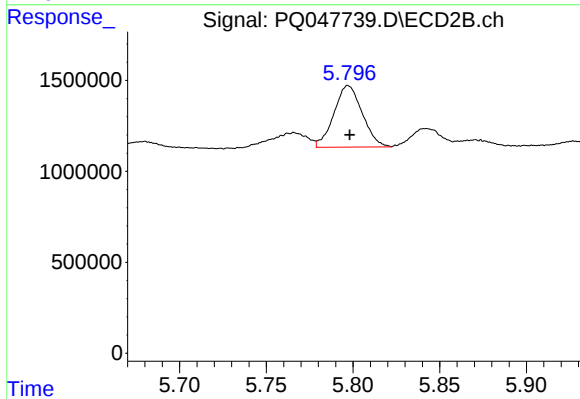
#21 AR-1248-1

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 573428
Conc: 8.61 ng/ml



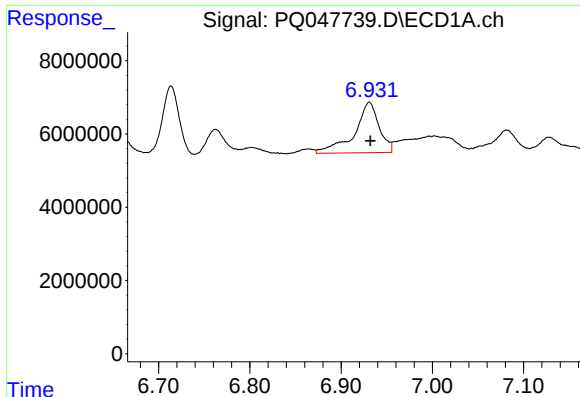
#22 AR-1248-2

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 23242854
Conc: 44.87 ng/ml



#22 AR-1248-2

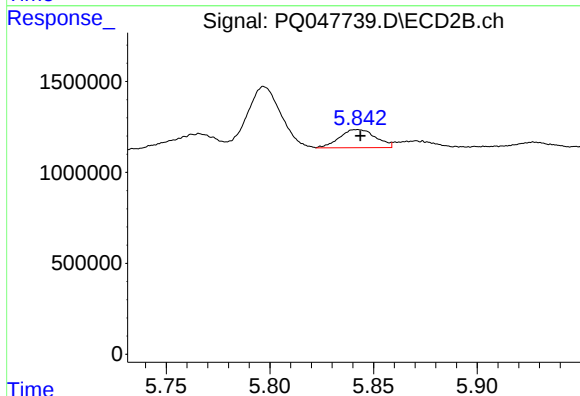
R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 3849976
Conc: 46.08 ng/ml



#23 AR-1248-3

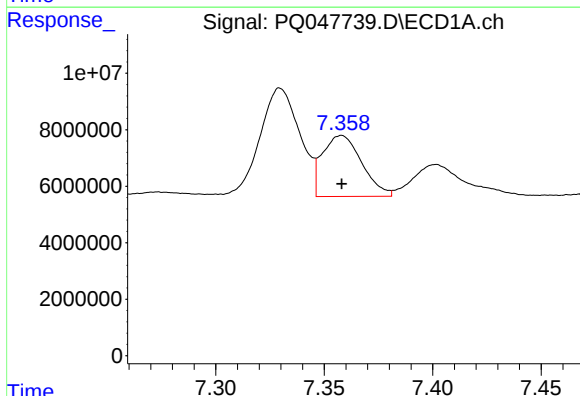
R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 25827669
Conc: 44.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



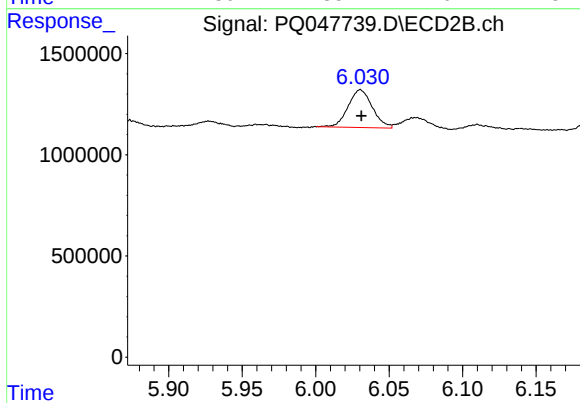
#23 AR-1248-3

R.T.: 5.842 min
Delta R.T.: -0.002 min
Response: 1216610
Conc: 14.26 ng/ml



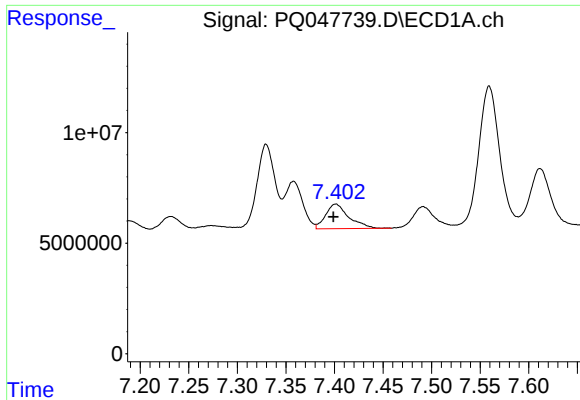
#24 AR-1248-4

R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 27193079
Conc: 39.60 ng/ml



#24 AR-1248-4

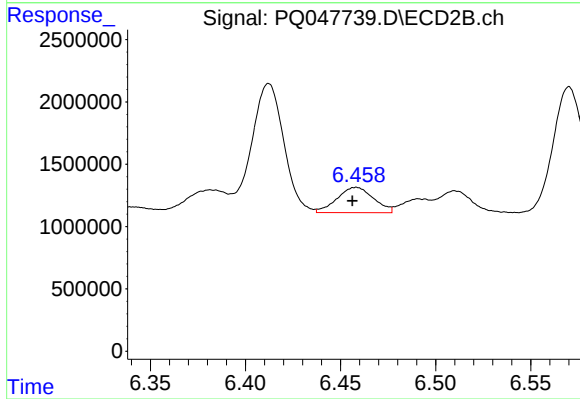
R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 2141638
Conc: 20.41 ng/ml



#25 AR-1248-5

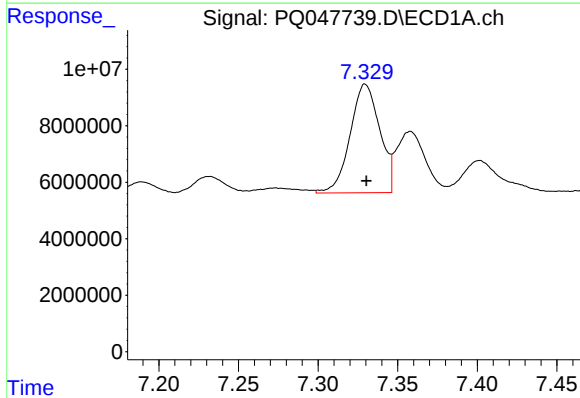
R.T.: 7.401 min
Delta R.T.: 0.002 min
Response: 18509279
Conc: 28.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



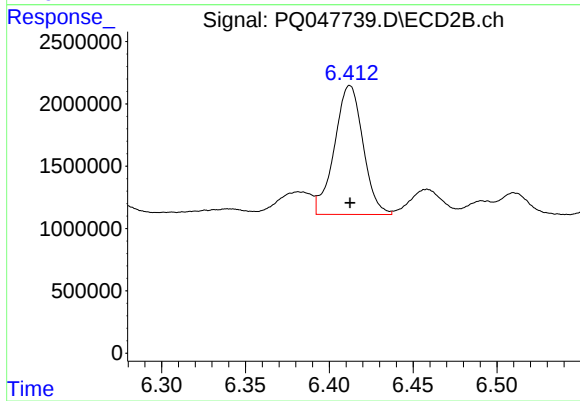
#25 AR-1248-5

R.T.: 6.458 min
Delta R.T.: 0.002 min
Response: 2722785
Conc: 25.82 ng/ml



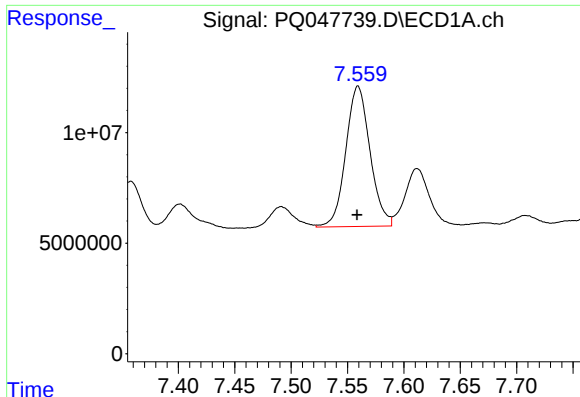
#26 AR-1254-1

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 49702191
Conc: 70.97 ng/ml



#26 AR-1254-1

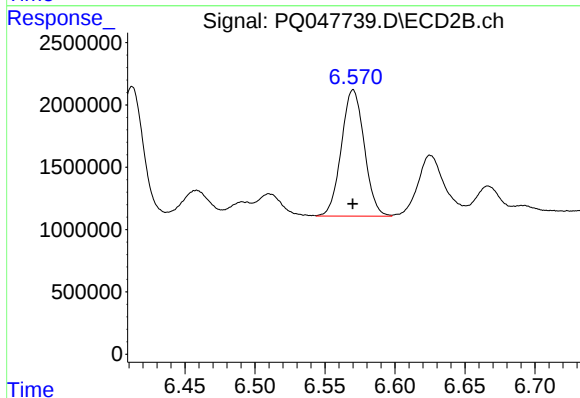
R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 12287380
Conc: 70.62 ng/ml



#27 AR-1254-2

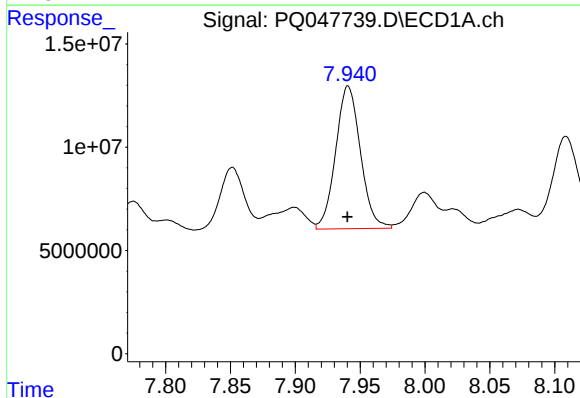
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 94967708
Conc: 87.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



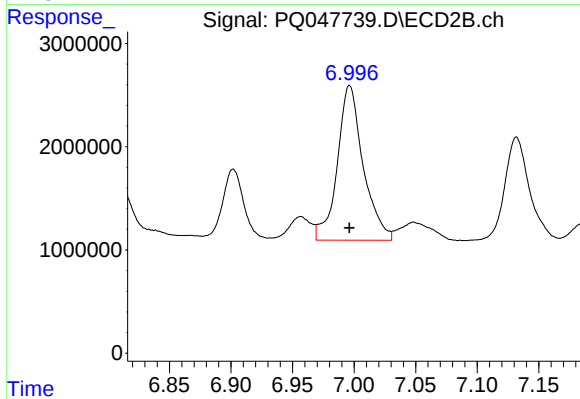
#27 AR-1254-2

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 11564716
Conc: 76.60 ng/ml



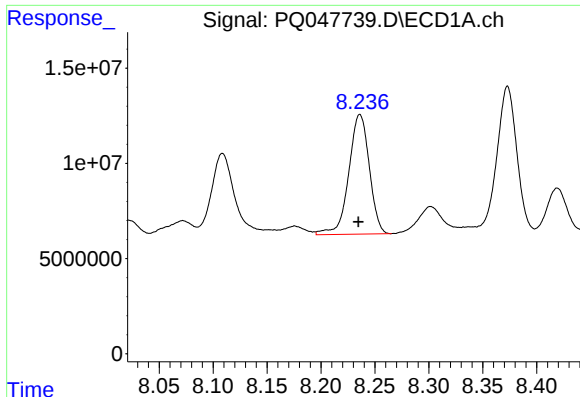
#28 AR-1254-3

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 91831909
Conc: 78.92 ng/ml



#28 AR-1254-3

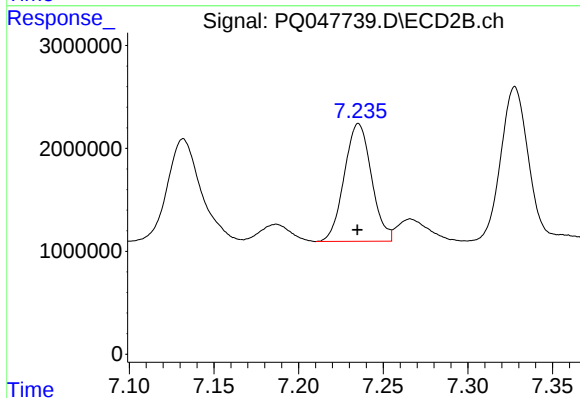
R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 21913459
Conc: 90.27 ng/ml



#29 AR-1254-4

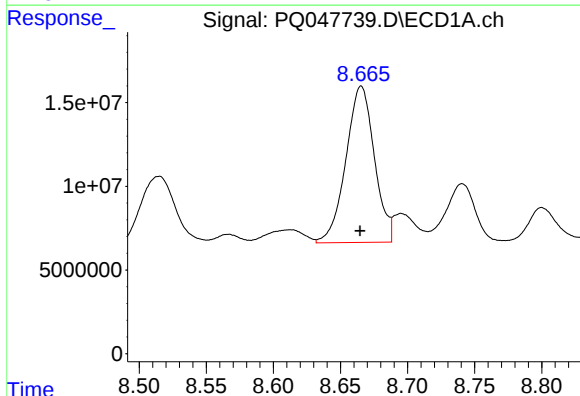
R.T.: 8.236 min
Delta R.T.: 0.001 min
Response: 83226125
Conc: 86.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



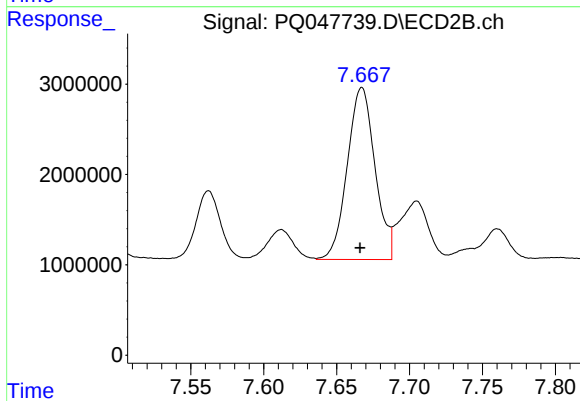
#29 AR-1254-4

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 12800837
Conc: 81.96 ng/ml



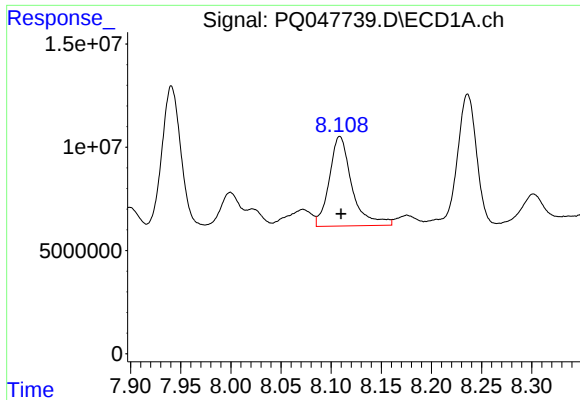
#30 AR-1254-5

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 138023449
Conc: 140.98 ng/ml



#30 AR-1254-5

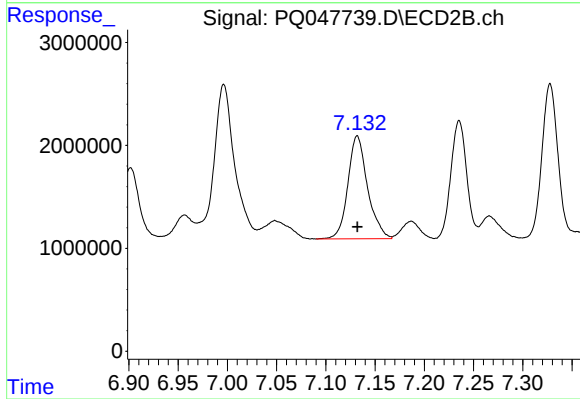
R.T.: 7.667 min
Delta R.T.: 0.001 min
Response: 25170046
Conc: 120.26 ng/ml



#31 AR-1260-1

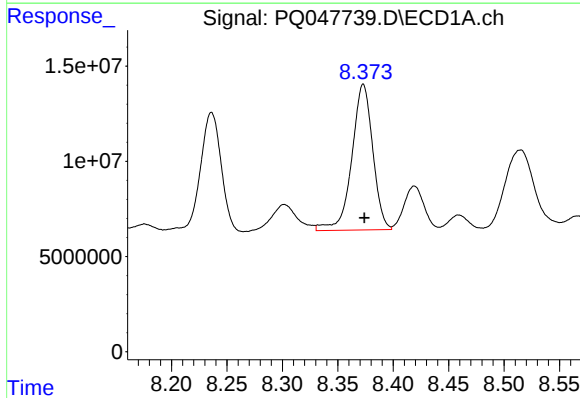
R.T.: 8.109 min
Delta R.T.: -0.001 min
Response: 68127996
Conc: 78.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



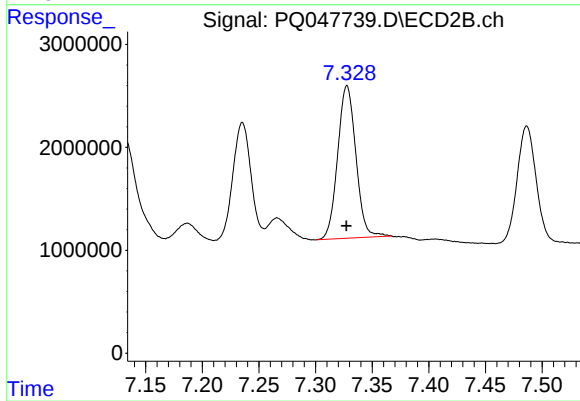
#31 AR-1260-1

R.T.: 7.132 min
Delta R.T.: 0.000 min
Response: 13919761
Conc: 88.24 ng/ml



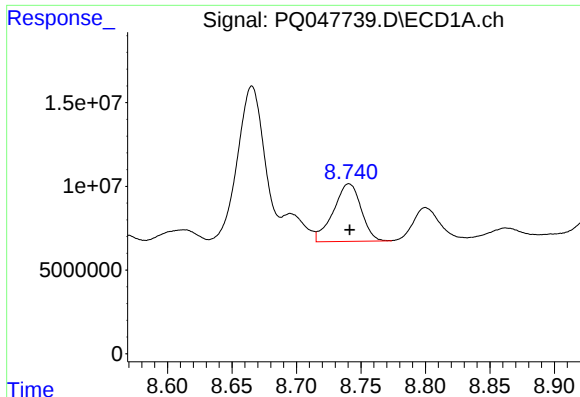
#32 AR-1260-2

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 100737711
Conc: 88.57 ng/ml



#32 AR-1260-2

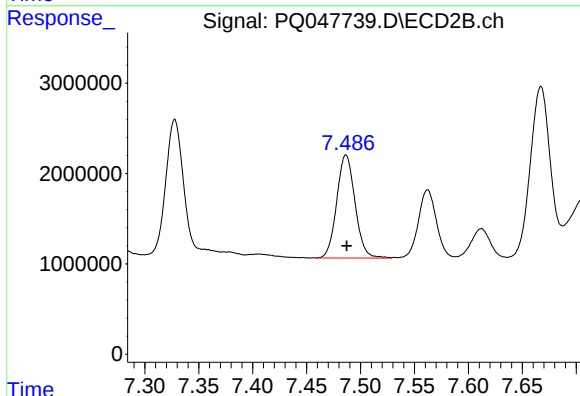
R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 16592050
Conc: 84.40 ng/ml



#33 AR-1260-3

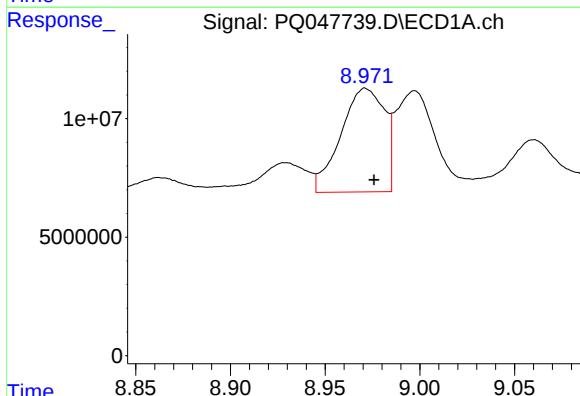
R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 51643804
Conc: 53.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



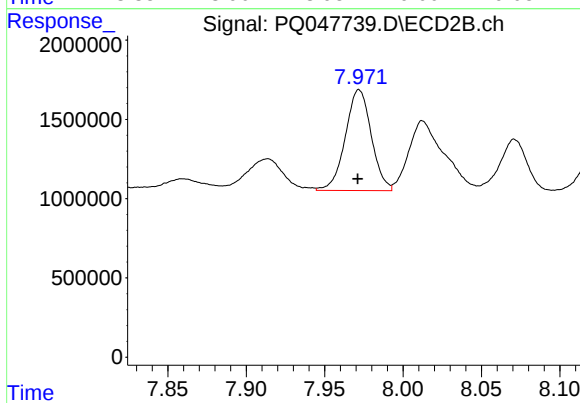
#33 AR-1260-3

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 13529163
Conc: 74.00 ng/ml



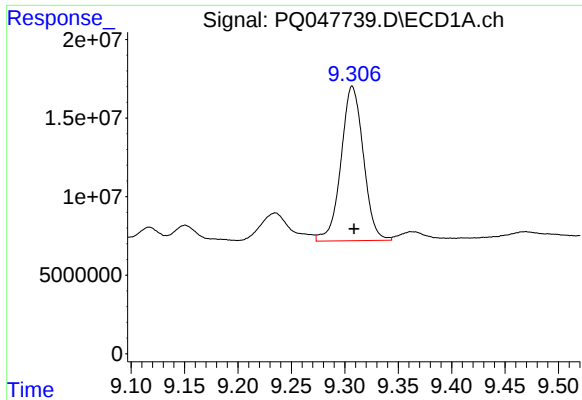
#34 AR-1260-4

R.T.: 8.971 min
Delta R.T.: -0.005 min
Response: 70295337
Conc: 72.40 ng/ml



#34 AR-1260-4

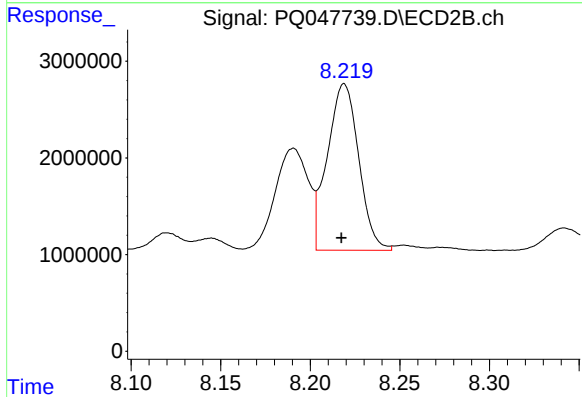
R.T.: 7.972 min
Delta R.T.: 0.000 min
Response: 7339479
Conc: 48.65 ng/ml



#35 AR-1260-5

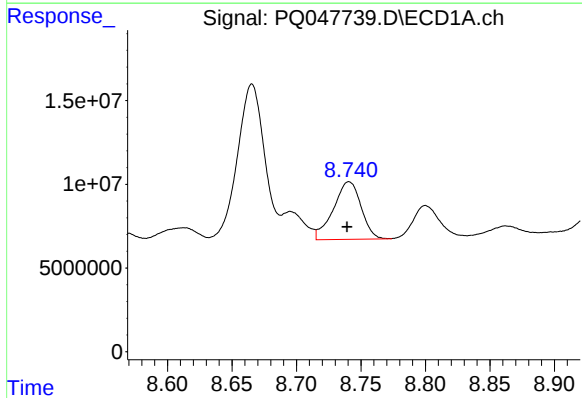
R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 143390566
Conc: 63.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



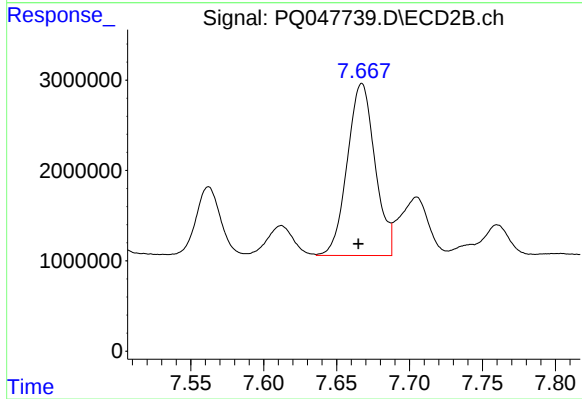
#35 AR-1260-5

R.T.: 8.219 min
Delta R.T.: 0.002 min
Response: 21007735
Conc: 54.21 ng/ml



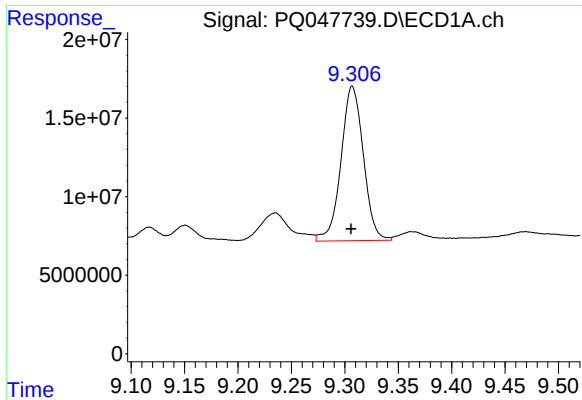
#36 AR-1262-1

R.T.: 8.741 min
Delta R.T.: 0.001 min
Response: 51643804
Conc: 37.37 ng/ml



#36 AR-1262-1

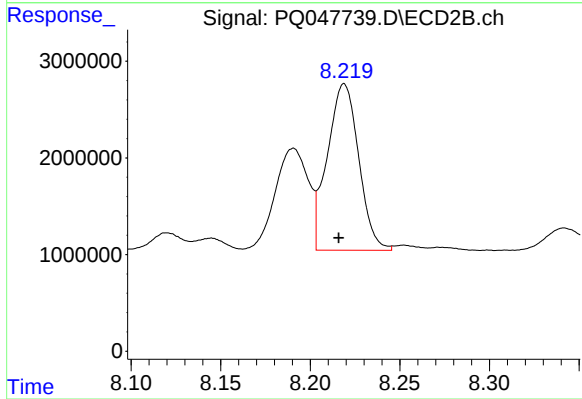
R.T.: 7.667 min
Delta R.T.: 0.002 min
Response: 25170046
Conc: 227.23 ng/ml



#37 AR-1262-2

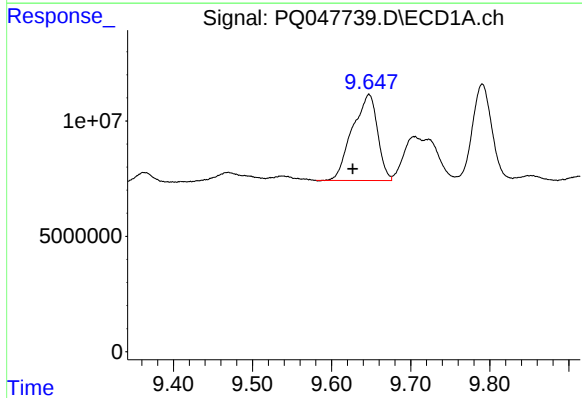
R.T.: 9.307 min
Delta R.T.: 0.001 min
Response: 143390566
Conc: 55.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



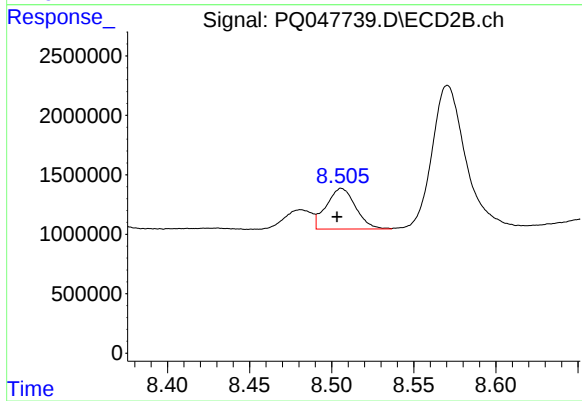
#37 AR-1262-2

R.T.: 8.219 min
Delta R.T.: 0.003 min
Response: 21007735
Conc: 49.83 ng/ml



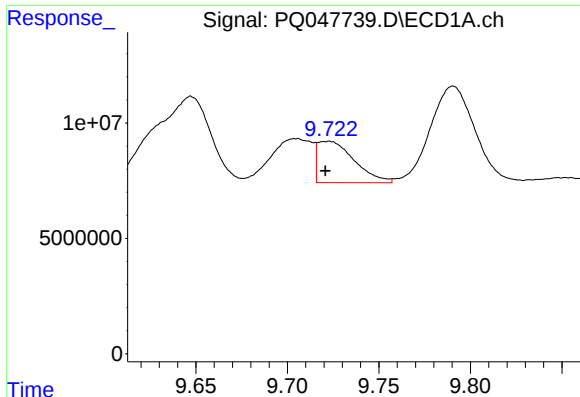
#38 AR-1262-3

R.T.: 9.647 min
Delta R.T.: 0.021 min
Response: 82262451
Conc: 47.34 ng/ml



#38 AR-1262-3

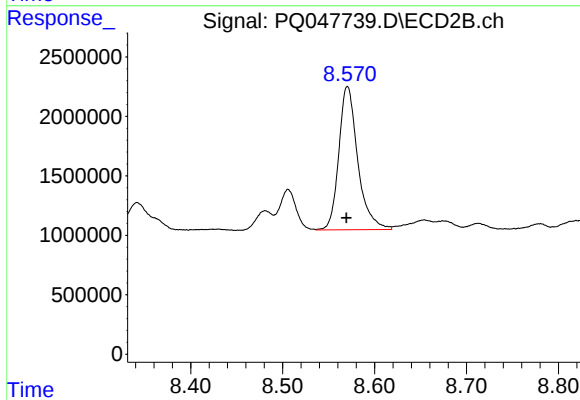
R.T.: 8.506 min
Delta R.T.: 0.003 min
Response: 4253576
Conc: 26.40 ng/ml



#39 AR-1262-4

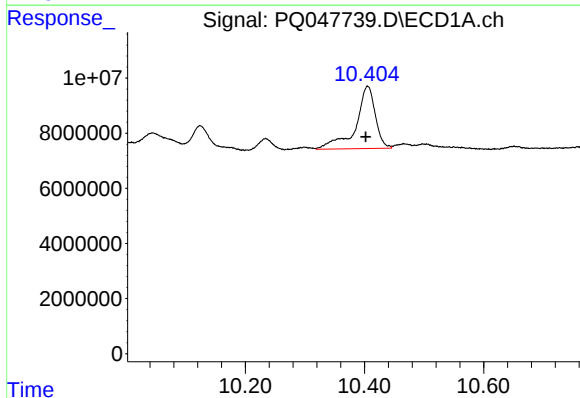
R.T.: 9.722 min
Delta R.T.: 0.002 min
Response: 25017617
Conc: 18.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



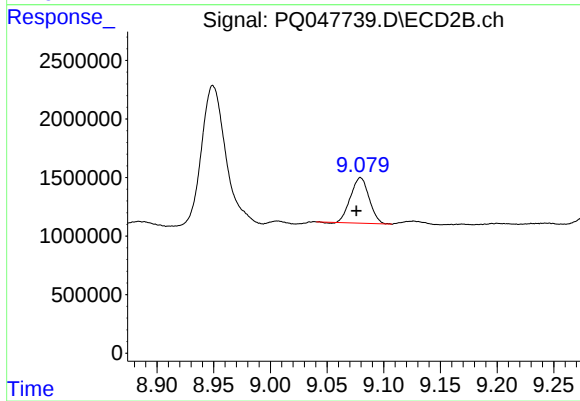
#39 AR-1262-4

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 17297668
Conc: 56.52 ng/ml



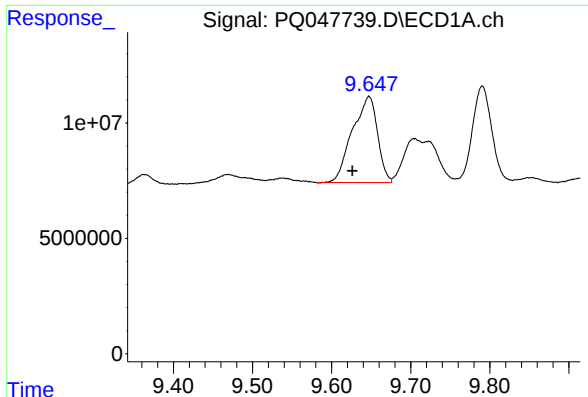
#40 AR-1262-5

R.T.: 10.405 min
Delta R.T.: 0.003 min
Response: 51588747
Conc: 52.59 ng/ml



#40 AR-1262-5

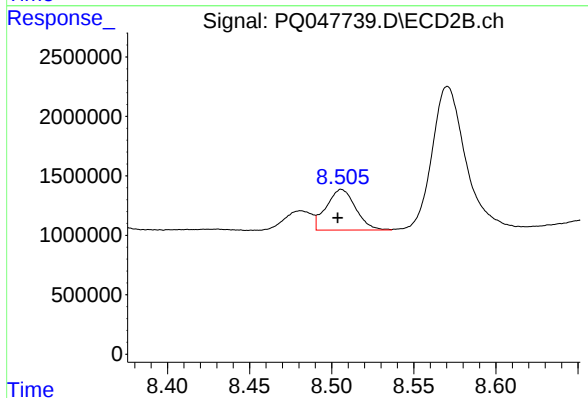
R.T.: 9.080 min
Delta R.T.: 0.004 min
Response: 4413695
Conc: 30.81 ng/ml



#41 AR-1268-1

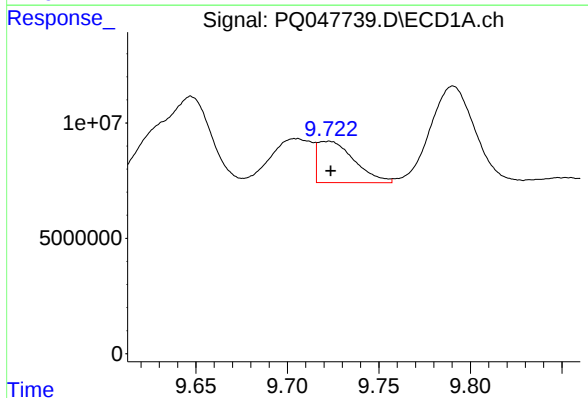
R.T.: 9.647 min
Delta R.T.: 0.021 min
Response: 82262451
Conc: 22.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



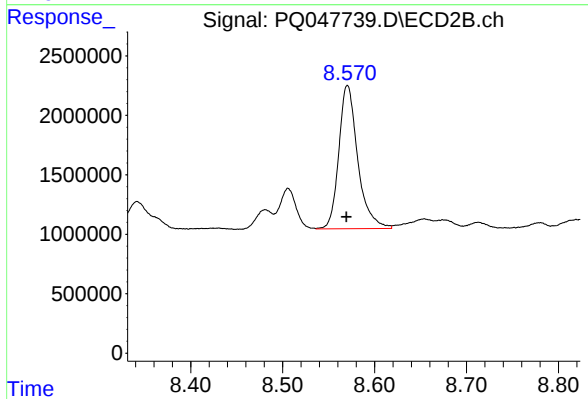
#41 AR-1268-1

R.T.: 8.506 min
Delta R.T.: 0.002 min
Response: 4253576
Conc: 7.73 ng/ml



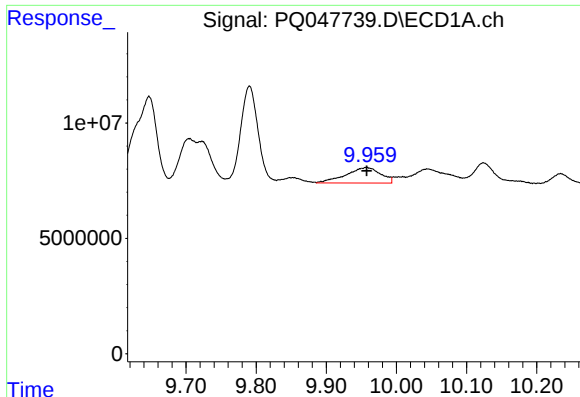
#42 AR-1268-2

R.T.: 9.722 min
Delta R.T.: -0.001 min
Response: 25017617
Conc: 7.79 ng/ml



#42 AR-1268-2

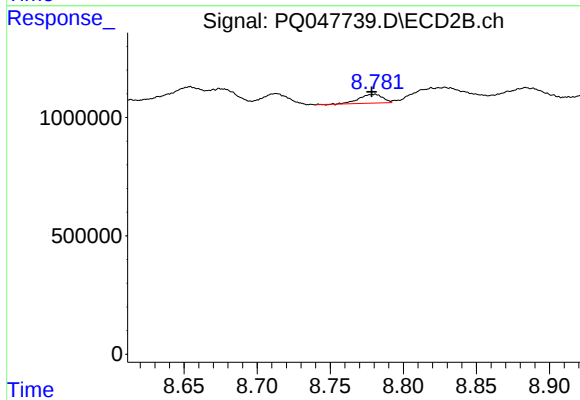
R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 17297668
Conc: 34.02 ng/ml



#43 AR-1268-3

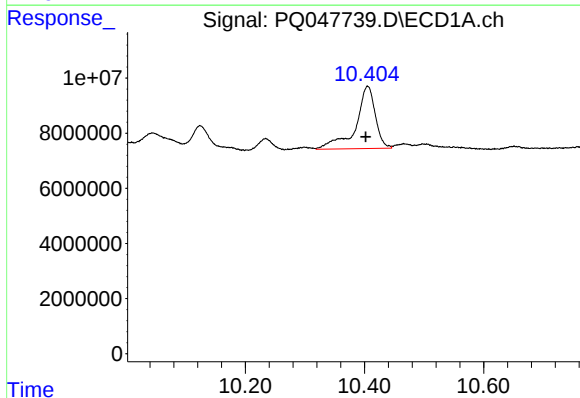
R.T.: 9.957 min
Delta R.T.: 0.000 min
Response: 23302583
Conc: 8.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



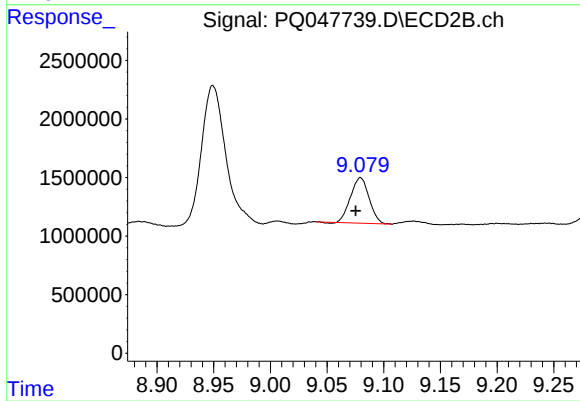
#43 AR-1268-3

R.T.: 8.780 min
Delta R.T.: 0.001 min
Response: 421949
Conc: 1.02 ng/ml



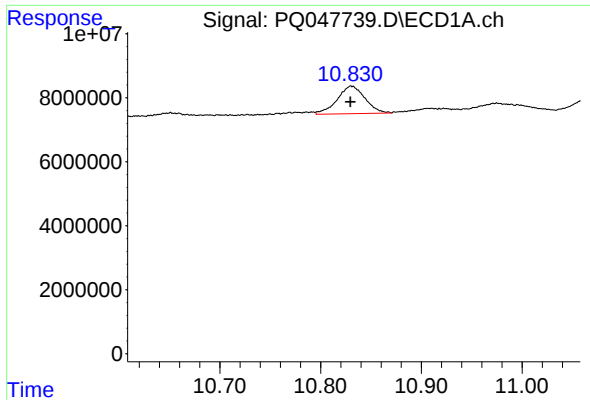
#44 AR-1268-4

R.T.: 10.405 min
Delta R.T.: 0.003 min
Response: 51588747
Conc: 44.45 ng/ml



#44 AR-1268-4

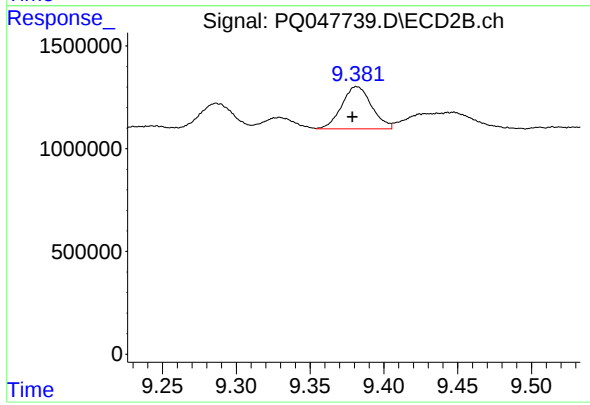
R.T.: 9.080 min
Delta R.T.: 0.004 min
Response: 4413695
Conc: 25.91 ng/ml



#45 AR-1268-5

R.T.: 10.831 min
Delta R.T.: 0.001 min
Response: 16636159
Conc: 2.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.003 min
Response: 2898180
Conc: 2.22 ng/ml