

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122320\
 Data File : PQ051510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2020 17:34
 Operator : DD\AJ
 Sample : L5169-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:19:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 23 04:30:42 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...	5.237	4.256	402.5E6	102.6E6	16.412	14.274
2)	SA Decachlor...	11.435	9.611	307.6E6	92035047	15.494	14.702
Target Compounds							
3)	L1 AR-1016-1	6.557	5.514	197217	693801	0.234	2.658 #
4)	L1 AR-1016-2	6.557f	5.543	197217	3730377	0.159	10.339 #
5)	L1 AR-1016-3	6.650	5.730	3857169	547015	5.269	2.957 #
6)	L1 AR-1016-4	6.764	5.778	5738360	6423425	9.358	44.364 #
7)	L1 AR-1016-5	7.072	6.009	9549471	2483368	15.932	13.580
8)	L2 AR-1221-1	5.496	4.502	79515506	1610878	317.566	21.616 #
9)	L2 AR-1221-2	5.595	4.611	10580653	1653315	56.236	30.410 #
10)	L2 AR-1221-3	5.688f	4.703	15826227	3243315	27.076	18.637 #
11)	L3 AR-1232-1	5.688f	4.703	15826227	3243315	31.966	21.825 #
12)	L3 AR-1232-2	0.000	5.543	0	3730377	N.D.	24.427 #
13)	L3 AR-1232-3	6.557f	5.730	197217	547015	0.369	7.162 #
14)	L3 AR-1232-4	6.764	5.822	5738360	2864341	21.730	43.710 #
15)	L3 AR-1232-5	6.853	6.009	16996554	2483368	90.208	34.675 #
16)	L4 AR-1242-1	6.557	5.514	197217	693801	0.301	3.452 #
17)	L4 AR-1242-2	6.557f	5.543	197217	3730377	0.204	13.406 #
18)	L4 AR-1242-3	6.650	5.726	3857169	743545	6.666	5.037
19)	L4 AR-1242-4	6.764	5.822	5738360	2864341	11.802	20.685 #
20)	L4 AR-1242-5	7.543	6.389	20382988	24589582	38.956	135.181 #
21)	L5 AR-1248-1	6.557	5.514	197217	693801	0.399	4.591 #
22)	L5 AR-1248-2	6.853	5.778	16996554	6423425	24.461	31.987 #
23)	L5 AR-1248-3	7.072	5.822	9549471	2864341	11.911	13.722
24)	L5 AR-1248-4	7.501	6.009	29578018	2483368	31.894	10.009 #
25)	L5 AR-1248-5	7.543	6.433	20382988	3413021	22.251	13.285 #
26)	L6 AR-1254-1	7.470	6.389	57671104	24589582	64.789	63.204
27)	L6 AR-1254-2	7.696	6.547	158.1E6	28409703	113.645	84.954 #
28)	L6 AR-1254-3	8.082	6.970	143.6E6	59228087	94.866	106.239
29)	L6 AR-1254-4	8.377	7.207	84616143	27587521	78.007	80.934
30)	L6 AR-1254-5	8.807	7.638	143.4E6	83871195	123.281	173.176 #
31)	L7 AR-1260-1	8.248	7.107	79882687	34742917	76.521	99.643 #
32)	L7 AR-1260-2	8.511	7.302	154.3E6	30467189	123.173	71.325 #
33)	L7 AR-1260-3	8.878	7.459	189.5E6	31063724	206.362	76.003 #
34)	L7 AR-1260-4	9.141f	7.943	267.3E6	80232882	251.233	233.805
35)	L7 AR-1260-5	9.469	8.188	121.7E6	49262117	54.719	58.762
36)	L8 AR-1262-1	8.878	7.638	189.5E6	83871195	134.089	316.508 #
37)	L8 AR-1262-2	9.469	8.188	121.7E6	49262117	46.198	51.366
38)	L8 AR-1262-3	9.802	8.478	870.8E6	291.7E6	779.281	825.156
39)	L8 AR-1262-4	9.906	8.543	682.9E6	238.7E6	538.195	344.989 #
40)	L8 AR-1262-5	10.620	9.046	211.9E6	64622762	235.868	214.365
41)	L9 AR-1268-1	9.802	8.478	870.8E6	291.7E6	311.928	298.116

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 Acq On : 23 Dec 2020 17:34
 Operator : DD\AJ
 Sample : L5169-12
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

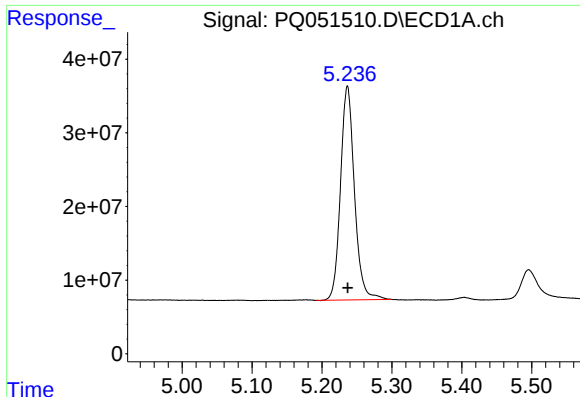
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 22:19:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122220.M
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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	9.906	8.543	682.9E6	238.7E6	269.239	264.030
43) L9	AR-1268-3	10.150	8.754	567.5E6	180.8E6	262.460	239.151
44) L9	AR-1268-4	10.620	9.046	211.9E6	64622762	232.288	208.235
45) L9	AR-1268-5	11.069	9.348	1820.5E6	553.5E6	256.806	231.228

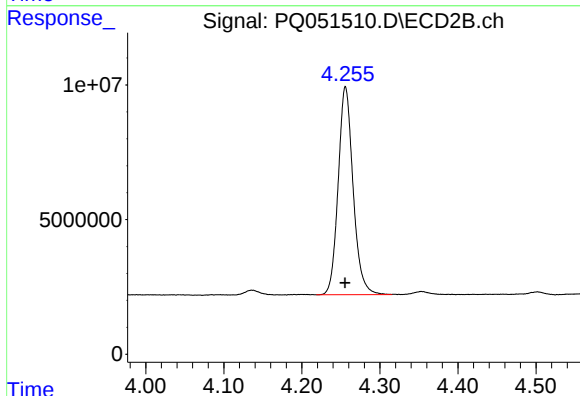
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

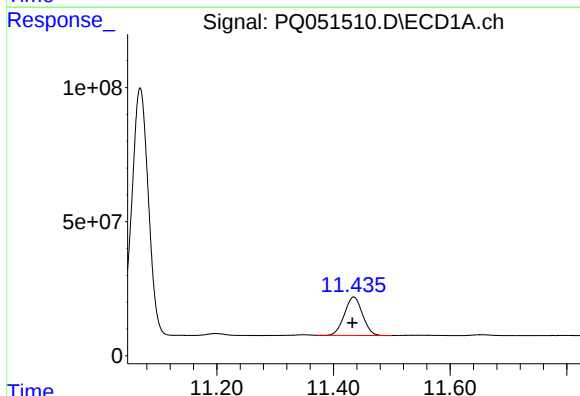
R.T.: 5.237 min
Delta R.T.: 0.000 min
Response: 402521527
Conc: 16.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



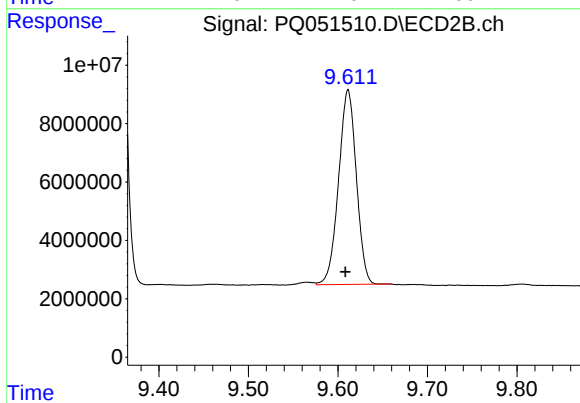
#1 Tetrachloro-m-xylene

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 102609261
Conc: 14.27 ng/ml



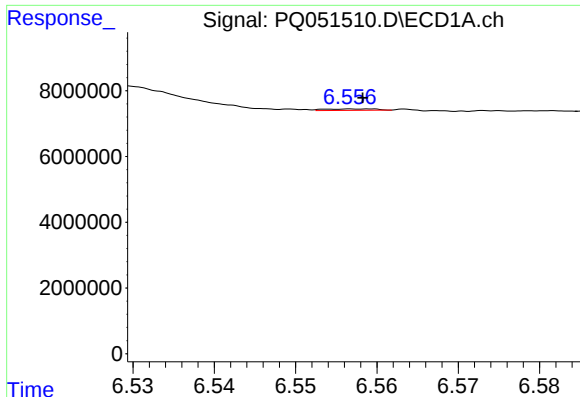
#2 Decachlorobiphenyl

R.T.: 11.435 min
Delta R.T.: 0.002 min
Response: 307568116
Conc: 15.49 ng/ml



#2 Decachlorobiphenyl

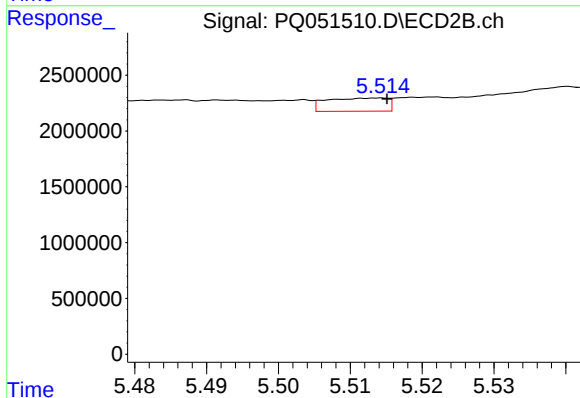
R.T.: 9.611 min
Delta R.T.: 0.003 min
Response: 92035047
Conc: 14.70 ng/ml



#3 AR-1016-1

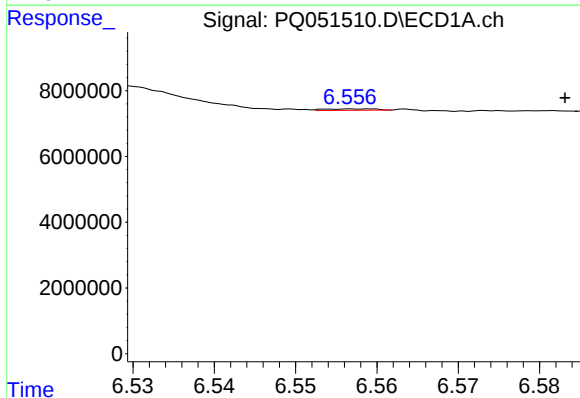
R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 197217
Conc: 0.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



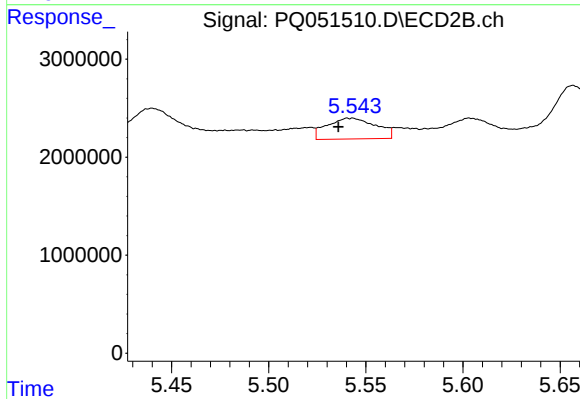
#3 AR-1016-1

R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 693801
Conc: 2.66 ng/ml



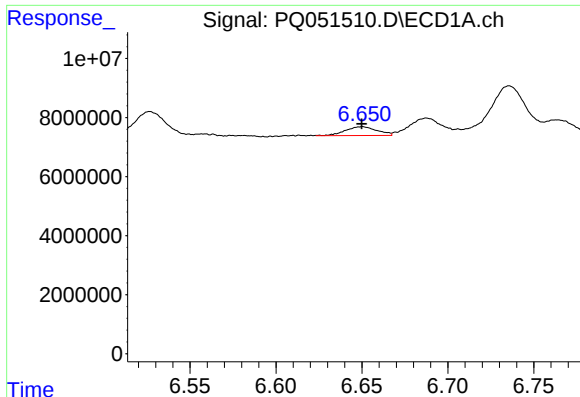
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: -0.026 min
Response: 197217
Conc: 0.16 ng/ml



#4 AR-1016-2

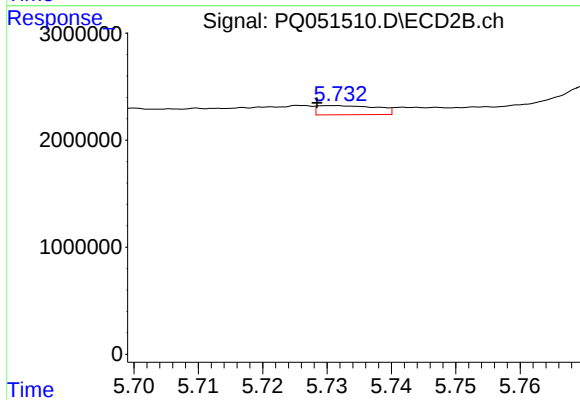
R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 3730377
Conc: 10.34 ng/ml



#5 AR-1016-3

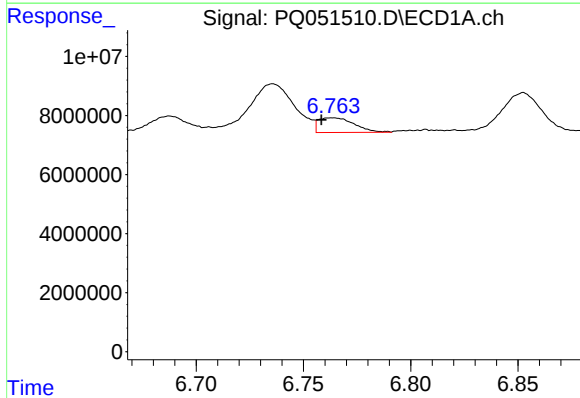
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 3857169
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



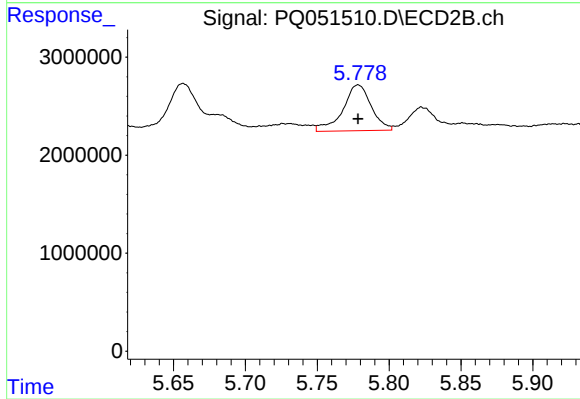
#5 AR-1016-3

R.T.: 5.730 min
Delta R.T.: 0.002 min
Response: 547015
Conc: 2.96 ng/ml



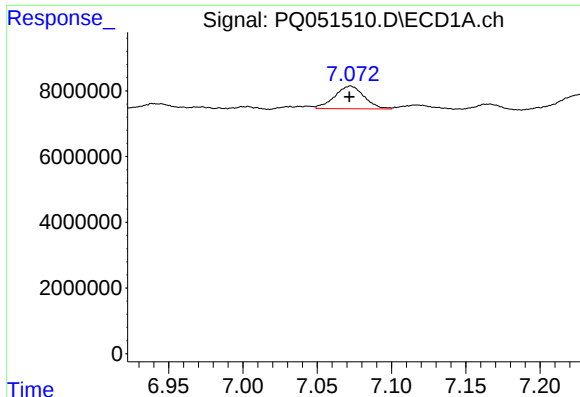
#6 AR-1016-4

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 5738360
Conc: 9.36 ng/ml



#6 AR-1016-4

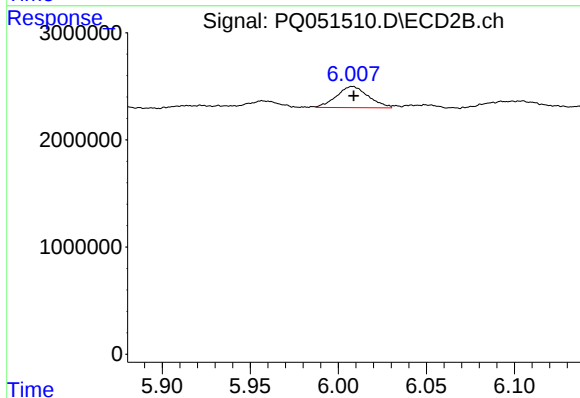
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 6423425
Conc: 44.36 ng/ml



#7 AR-1016-5

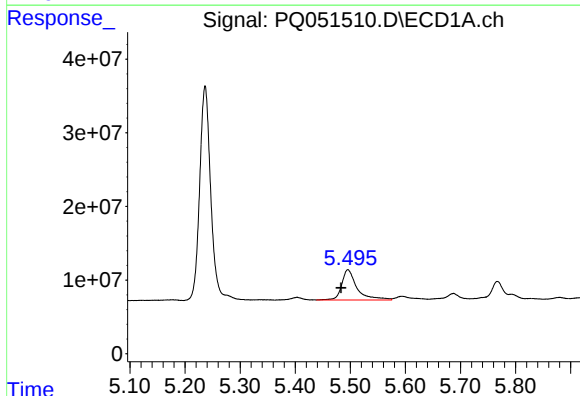
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 9549471
Conc: 15.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



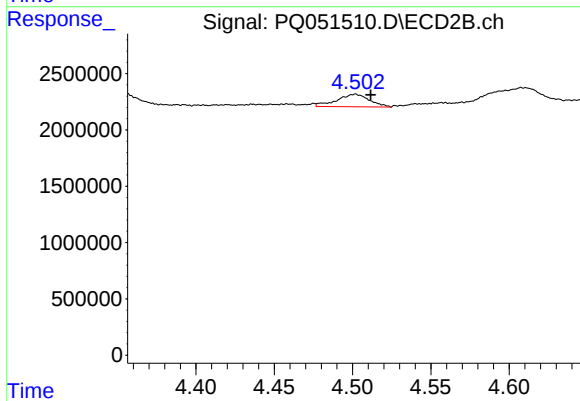
#7 AR-1016-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 2483368
Conc: 13.58 ng/ml



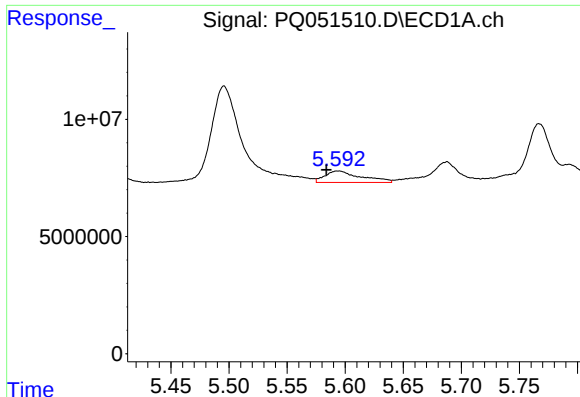
#8 AR-1221-1

R.T.: 5.496 min
Delta R.T.: 0.012 min
Response: 79515506
Conc: 317.57 ng/ml



#8 AR-1221-1

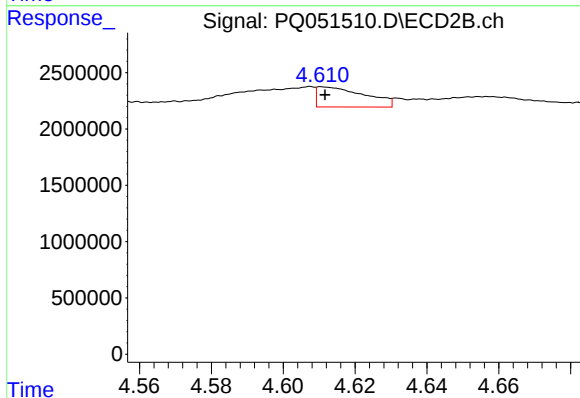
R.T.: 4.502 min
Delta R.T.: -0.010 min
Response: 1610878
Conc: 21.62 ng/ml



#9 AR-1221-2

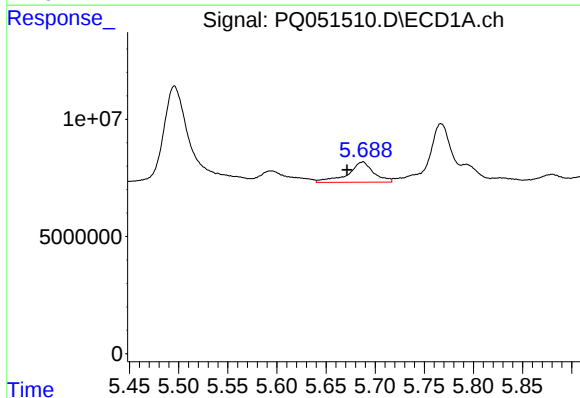
R.T.: 5.595 min
Delta R.T.: 0.011 min
Response: 10580653
Conc: 56.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



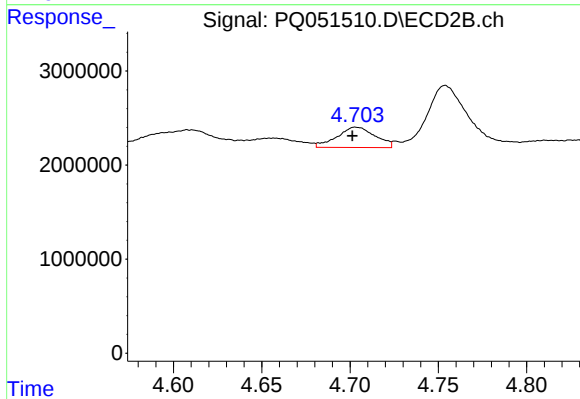
#9 AR-1221-2

R.T.: 4.611 min
Delta R.T.: 0.000 min
Response: 1653315
Conc: 30.41 ng/ml



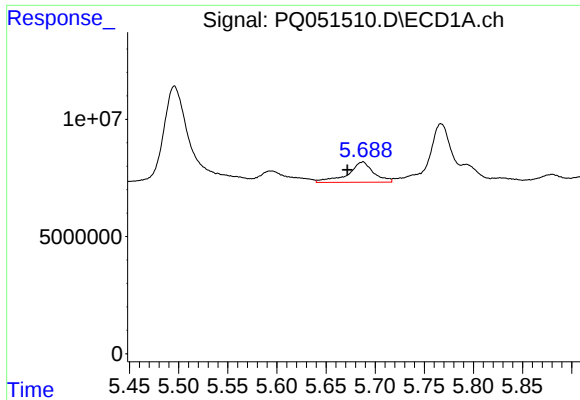
#10 AR-1221-3

R.T.: 5.688 min
Delta R.T.: 0.017 min
Response: 15826227
Conc: 27.08 ng/ml



#10 AR-1221-3

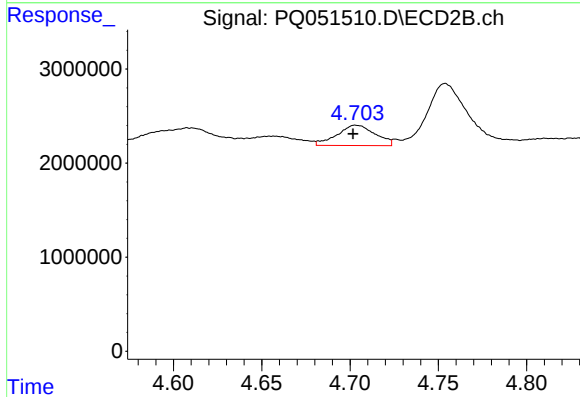
R.T.: 4.703 min
Delta R.T.: 0.002 min
Response: 3243315
Conc: 18.64 ng/ml



#11 AR-1232-1

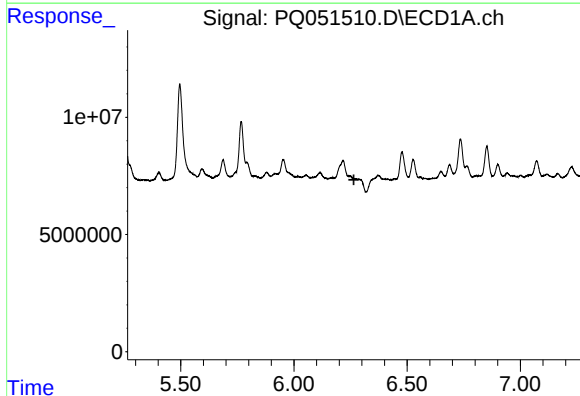
R.T.: 5.688 min
Delta R.T.: 0.016 min
Response: 15826227
Conc: 31.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



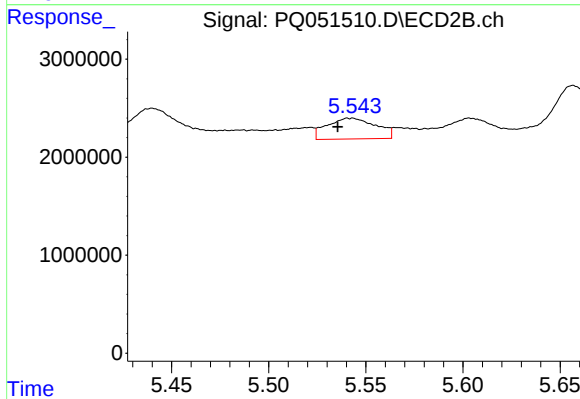
#11 AR-1232-1

R.T.: 4.703 min
Delta R.T.: 0.001 min
Response: 3243315
Conc: 21.82 ng/ml



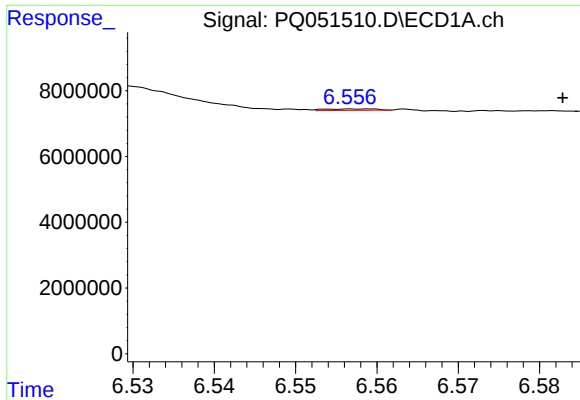
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.265 min
Response: 0
Conc: N.D.



#12 AR-1232-2

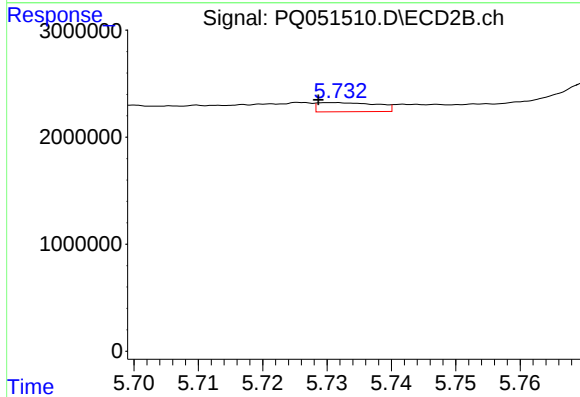
R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 3730377
Conc: 24.43 ng/ml



#13 AR-1232-3

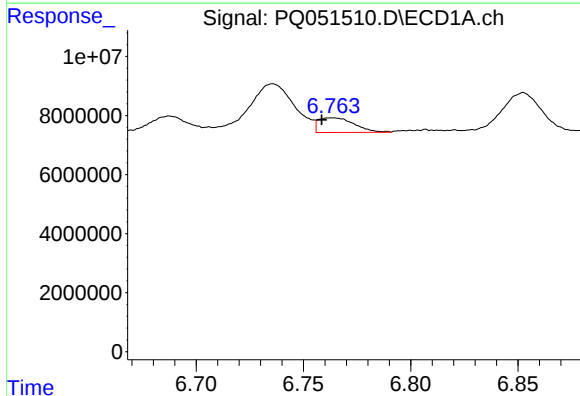
R.T.: 6.557 min
Delta R.T.: -0.026 min
Response: 197217
Conc: 0.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



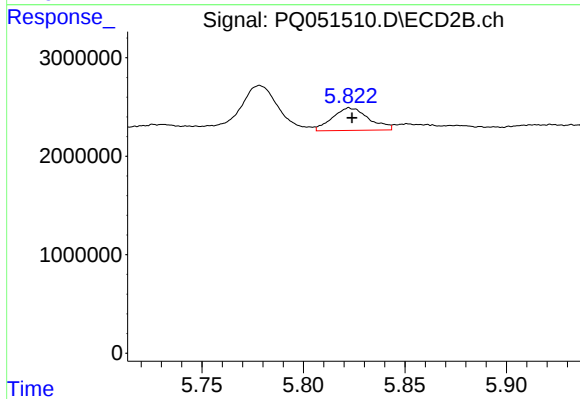
#13 AR-1232-3

R.T.: 5.730 min
Delta R.T.: 0.002 min
Response: 547015
Conc: 7.16 ng/ml



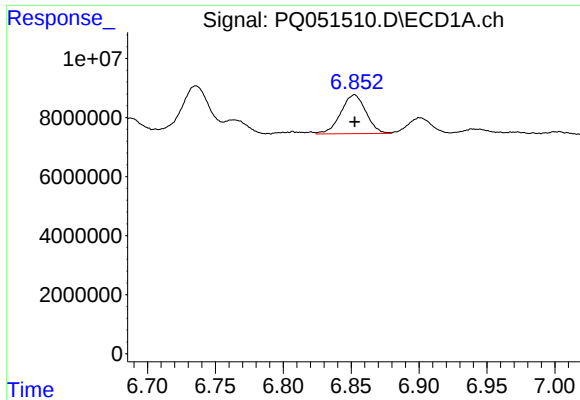
#14 AR-1232-4

R.T.: 6.764 min
Delta R.T.: 0.005 min
Response: 5738360
Conc: 21.73 ng/ml



#14 AR-1232-4

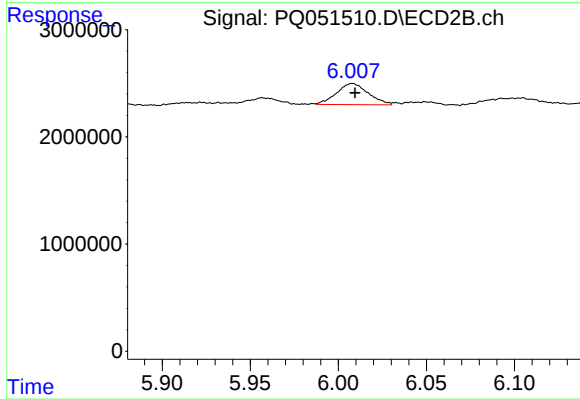
R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 2864341
Conc: 43.71 ng/ml



#15 AR-1232-5

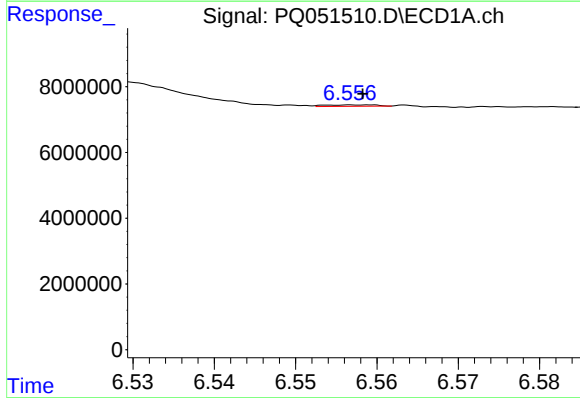
R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 16996554
Conc: 90.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



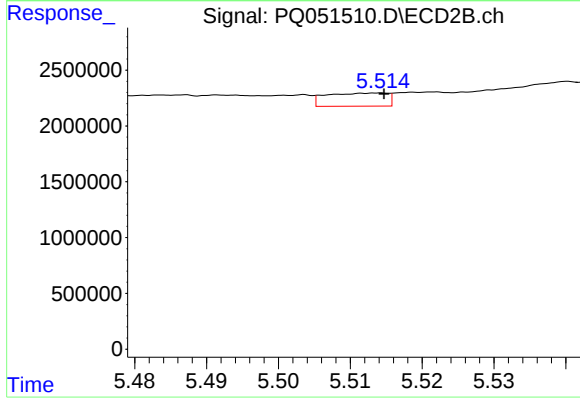
#15 AR-1232-5

R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 2483368
Conc: 34.68 ng/ml



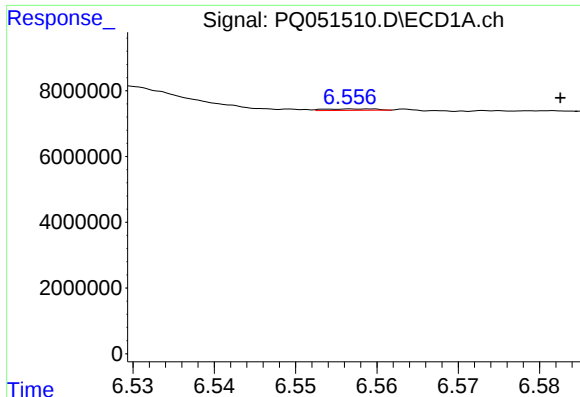
#16 AR-1242-1

R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 197217
Conc: 0.30 ng/ml



#16 AR-1242-1

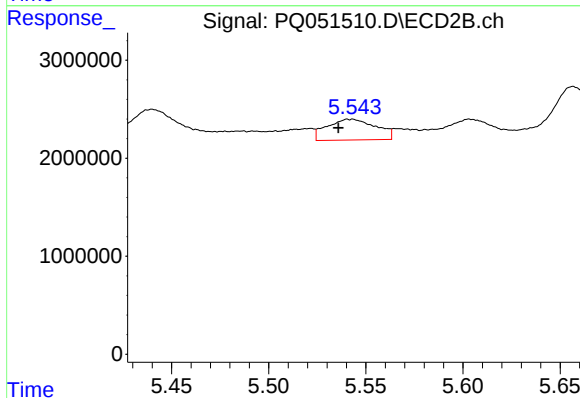
R.T.: 5.514 min
Delta R.T.: 0.000 min
Response: 693801
Conc: 3.45 ng/ml



#17 AR-1242-2

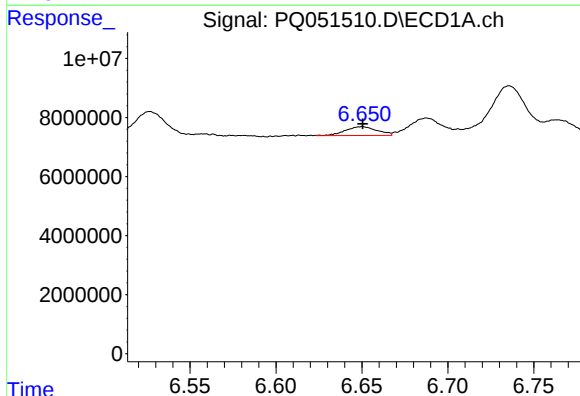
R.T.: 6.557 min
Delta R.T.: -0.026 min
Response: 197217
Conc: 0.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



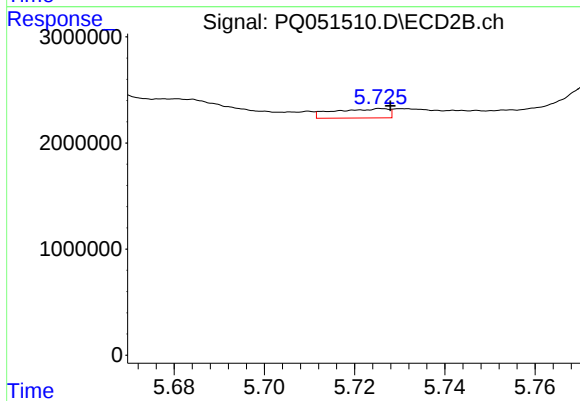
#17 AR-1242-2

R.T.: 5.543 min
Delta R.T.: 0.008 min
Response: 3730377
Conc: 13.41 ng/ml



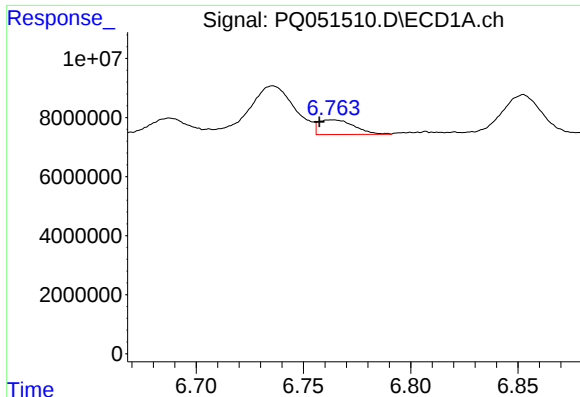
#18 AR-1242-3

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 3857169
Conc: 6.67 ng/ml



#18 AR-1242-3

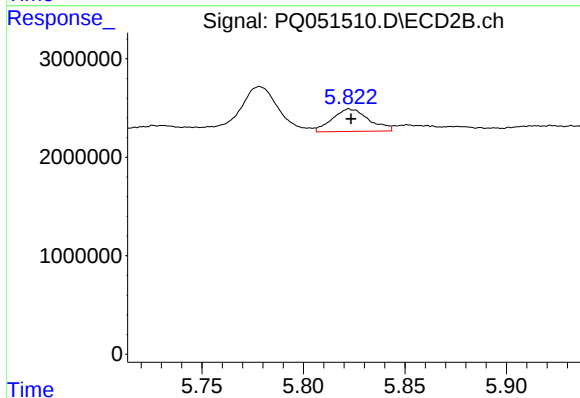
R.T.: 5.726 min
Delta R.T.: -0.002 min
Response: 743545
Conc: 5.04 ng/ml



#19 AR-1242-4

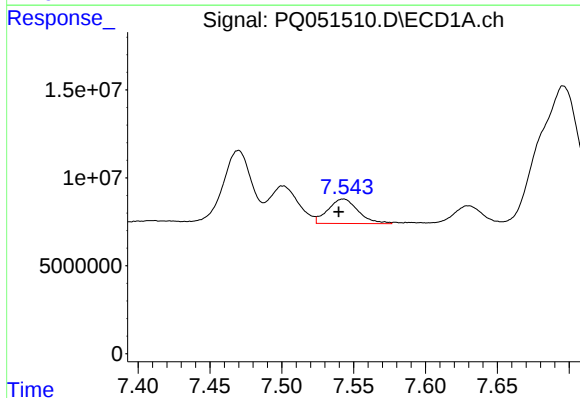
R.T.: 6.764 min
Delta R.T.: 0.006 min
Response: 5738360
Conc: 11.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



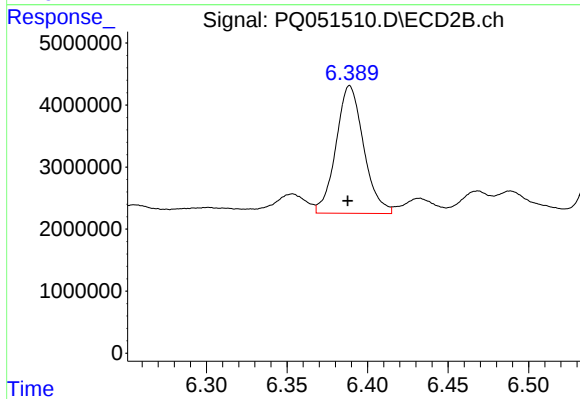
#19 AR-1242-4

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 2864341
Conc: 20.69 ng/ml



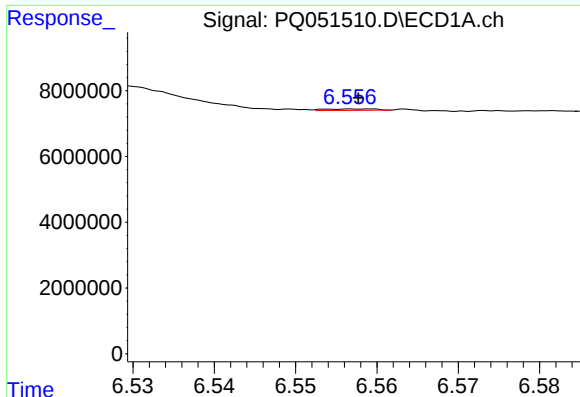
#20 AR-1242-5

R.T.: 7.543 min
Delta R.T.: 0.003 min
Response: 20382988
Conc: 38.96 ng/ml



#20 AR-1242-5

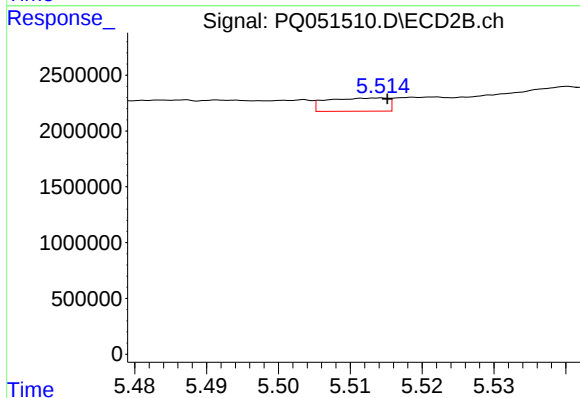
R.T.: 6.389 min
Delta R.T.: 0.001 min
Response: 24589582
Conc: 135.18 ng/ml



#21 AR-1248-1

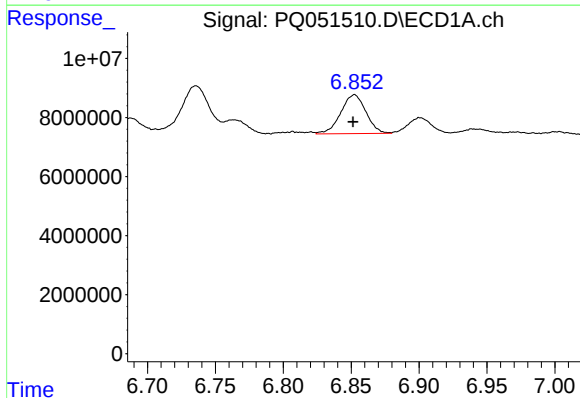
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 197217
Conc: 0.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



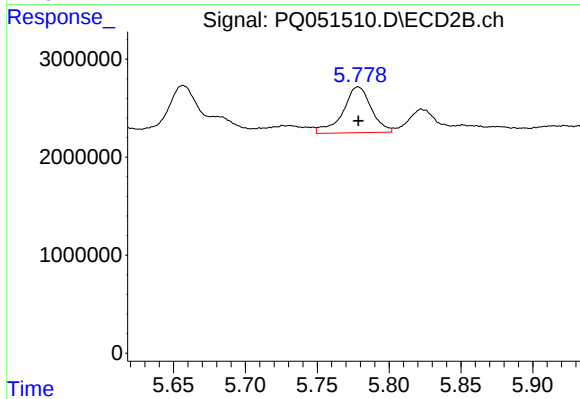
#21 AR-1248-1

R.T.: 5.514 min
Delta R.T.: -0.001 min
Response: 693801
Conc: 4.59 ng/ml



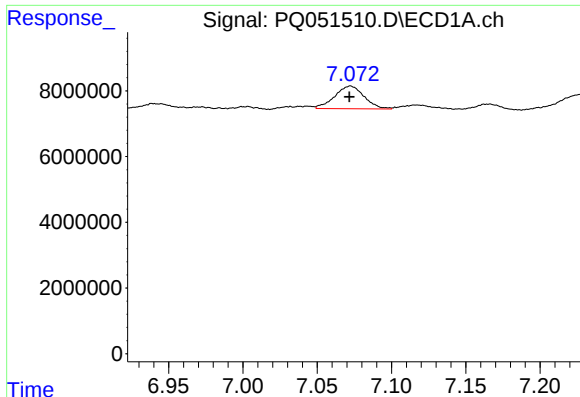
#22 AR-1248-2

R.T.: 6.853 min
Delta R.T.: 0.001 min
Response: 16996554
Conc: 24.46 ng/ml



#22 AR-1248-2

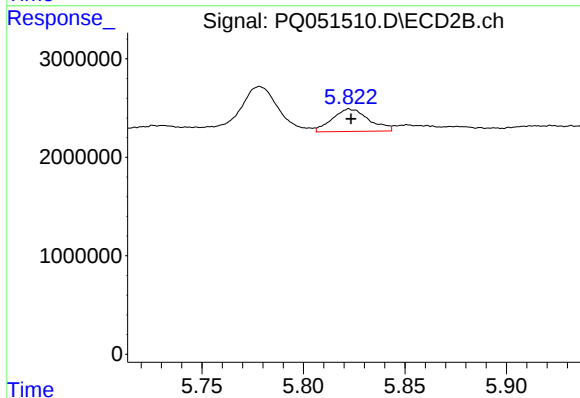
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 6423425
Conc: 31.99 ng/ml



#23 AR-1248-3

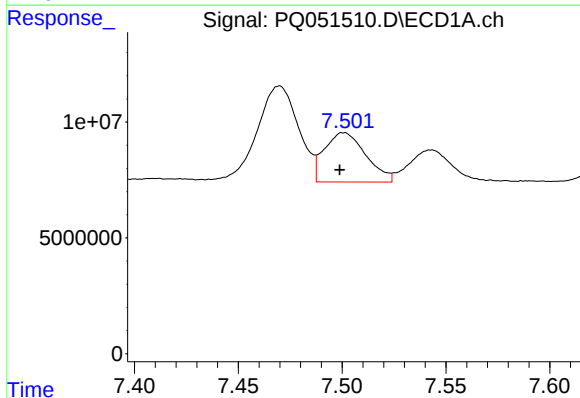
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 9549471
Conc: 11.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



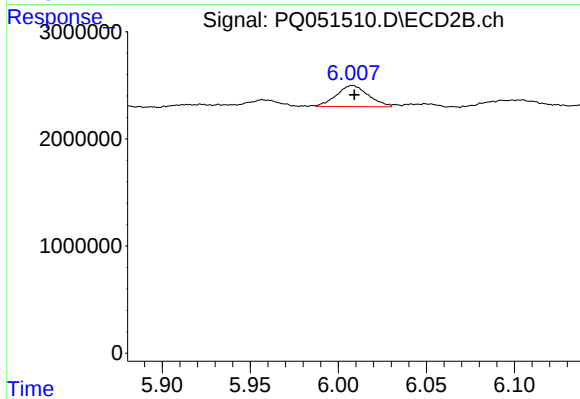
#23 AR-1248-3

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 2864341
Conc: 13.72 ng/ml



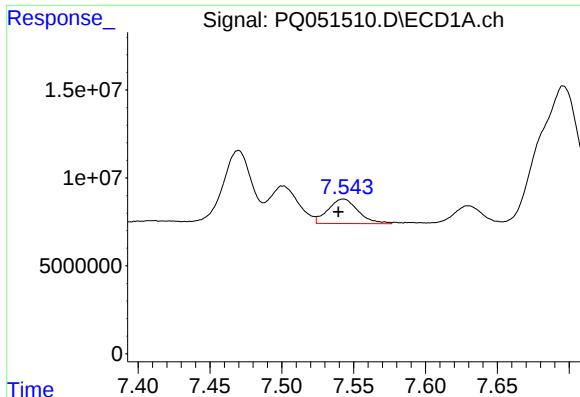
#24 AR-1248-4

R.T.: 7.501 min
Delta R.T.: 0.002 min
Response: 29578018
Conc: 31.89 ng/ml



#24 AR-1248-4

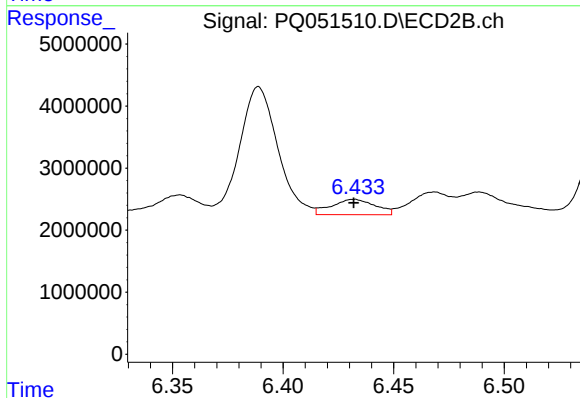
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 2483368
Conc: 10.01 ng/ml



#25 AR-1248-5

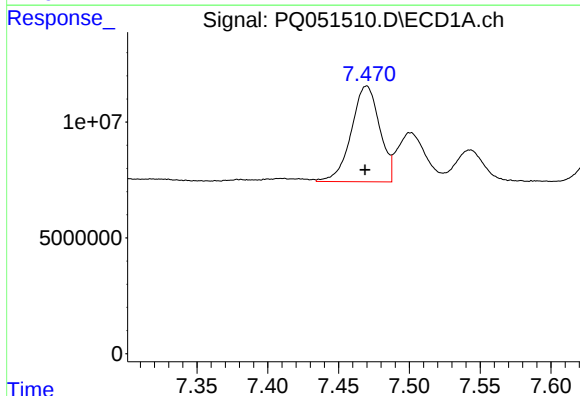
R.T.: 7.543 min
Delta R.T.: 0.004 min
Response: 20382988
Conc: 22.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



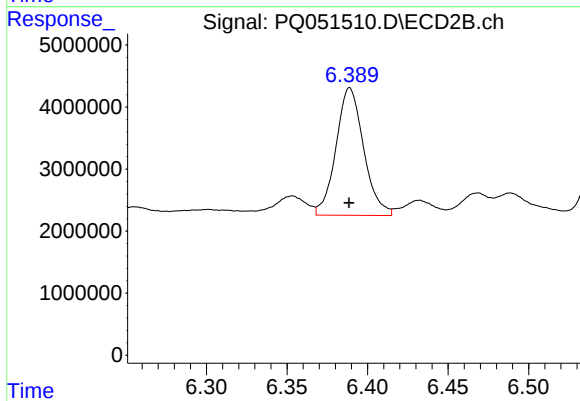
#25 AR-1248-5

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 3413021
Conc: 13.29 ng/ml



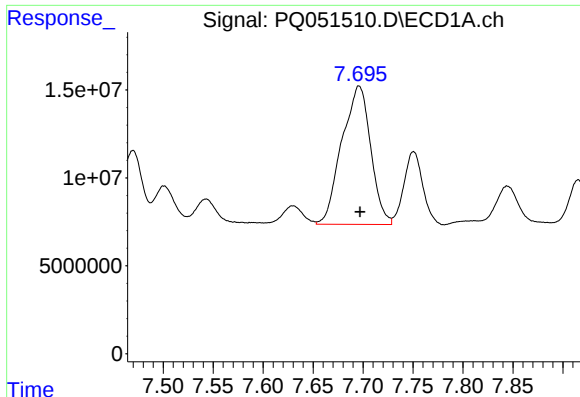
#26 AR-1254-1

R.T.: 7.470 min
Delta R.T.: 0.001 min
Response: 57671104
Conc: 64.79 ng/ml



#26 AR-1254-1

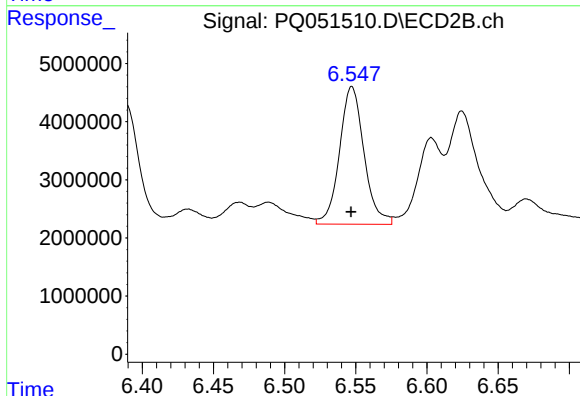
R.T.: 6.389 min
Delta R.T.: 0.000 min
Response: 24589582
Conc: 63.20 ng/ml



#27 AR-1254-2

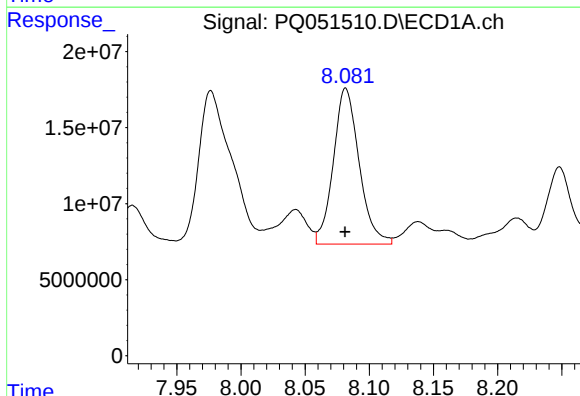
R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 158135601
Conc: 113.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



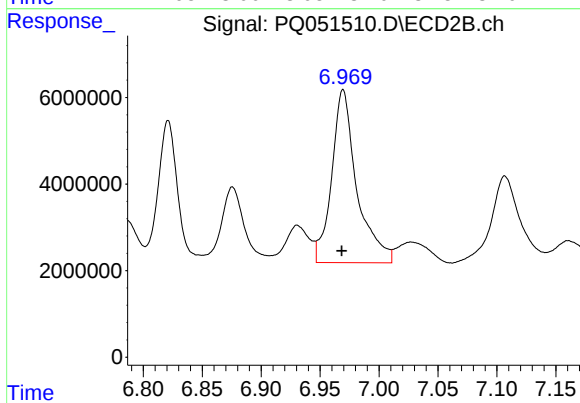
#27 AR-1254-2

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 28409703
Conc: 84.95 ng/ml



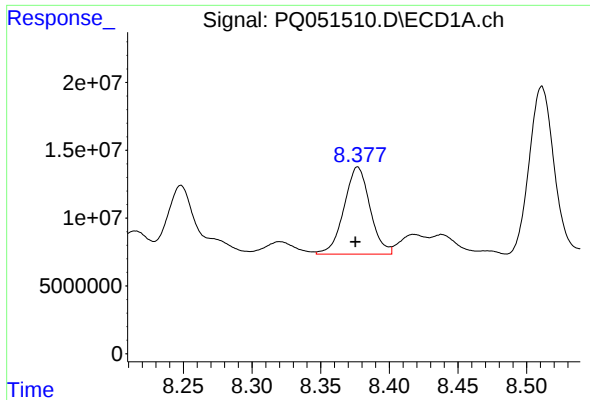
#28 AR-1254-3

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 143564045
Conc: 94.87 ng/ml



#28 AR-1254-3

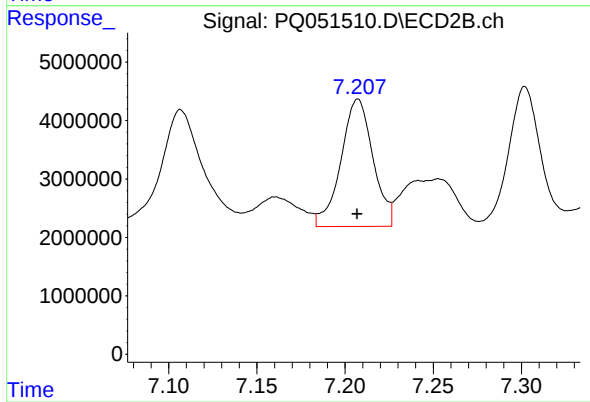
R.T.: 6.970 min
Delta R.T.: 0.001 min
Response: 59228087
Conc: 106.24 ng/ml



#29 AR-1254-4

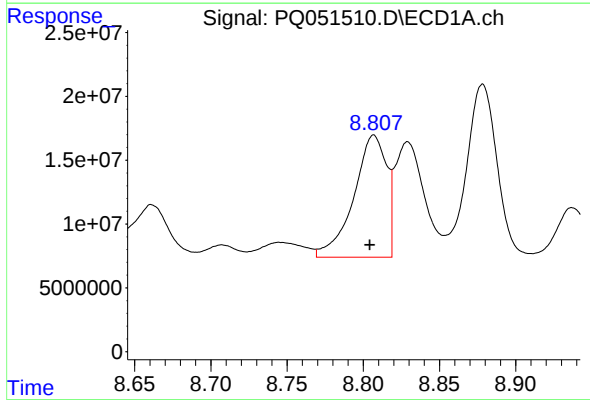
R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 84616143
Conc: 78.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



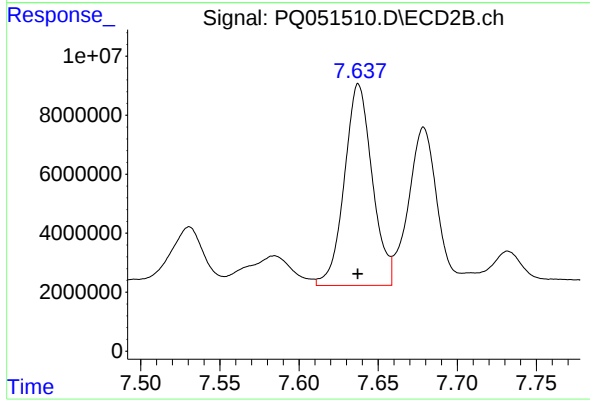
#29 AR-1254-4

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 27587521
Conc: 80.93 ng/ml



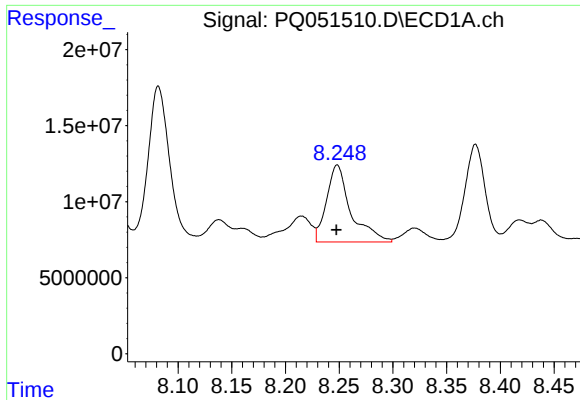
#30 AR-1254-5

R.T.: 8.807 min
Delta R.T.: 0.003 min
Response: 143439078
Conc: 123.28 ng/ml



#30 AR-1254-5

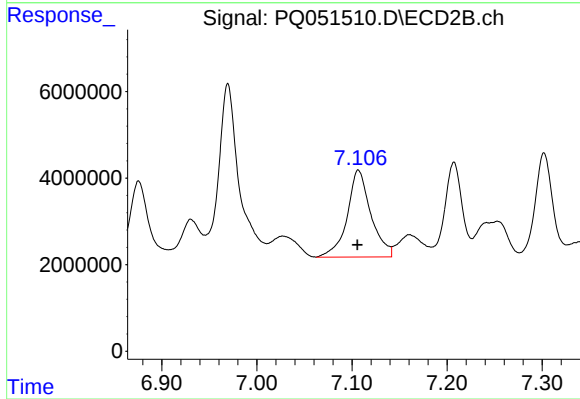
R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 83871195
Conc: 173.18 ng/ml



#31 AR-1260-1

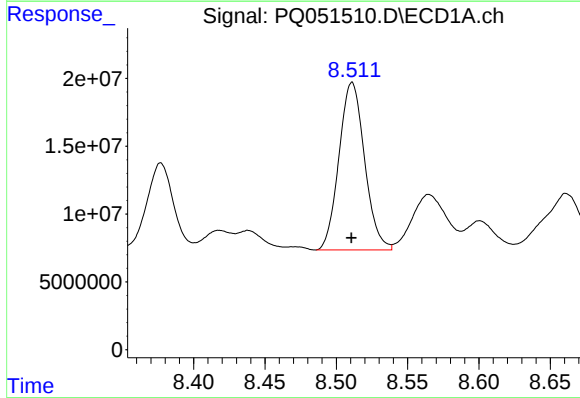
R.T.: 8.248 min
Delta R.T.: 0.000 min
Response: 79882687
Conc: 76.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



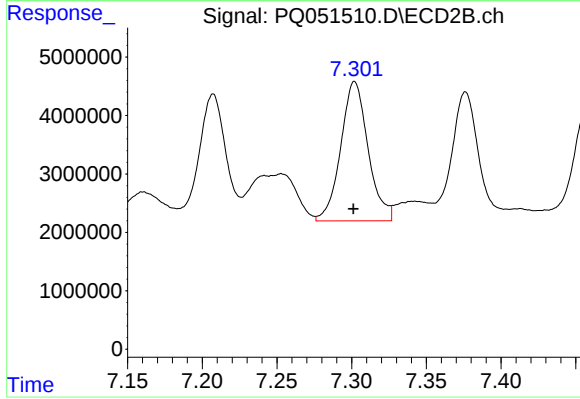
#31 AR-1260-1

R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 34742917
Conc: 99.64 ng/ml



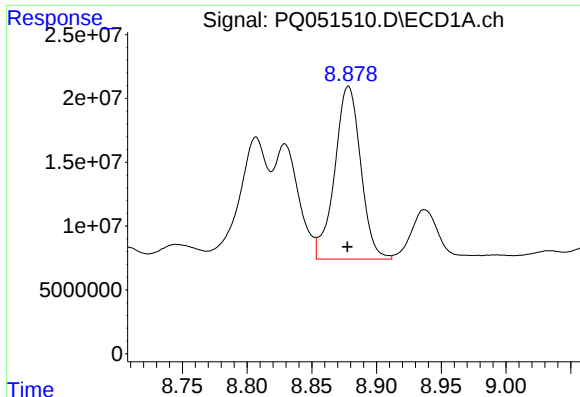
#32 AR-1260-2

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 154305572
Conc: 123.17 ng/ml



#32 AR-1260-2

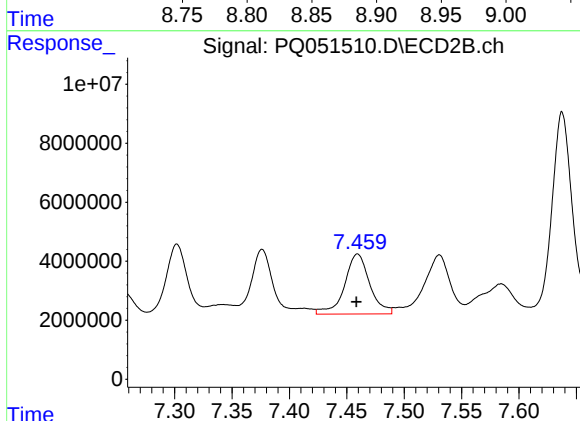
R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 30467189
Conc: 71.33 ng/ml



#33 AR-1260-3

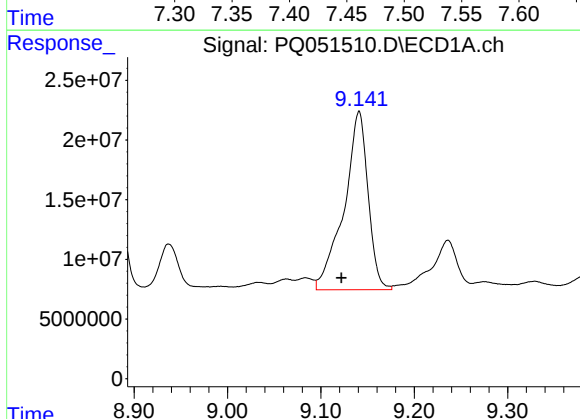
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 189492929
Conc: 206.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



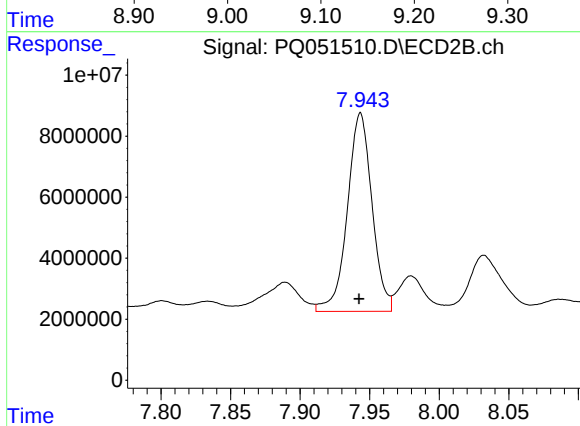
#33 AR-1260-3

R.T.: 7.459 min
Delta R.T.: 0.001 min
Response: 31063724
Conc: 76.00 ng/ml



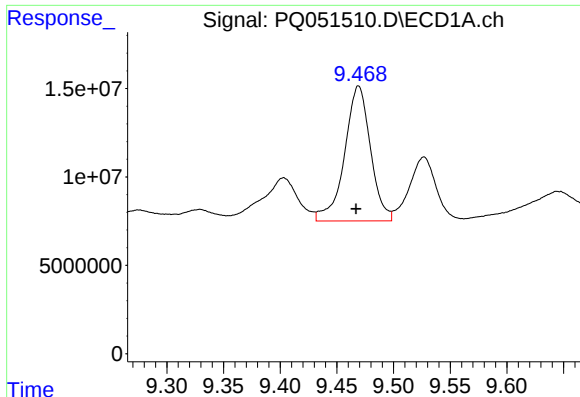
#34 AR-1260-4

R.T.: 9.141 min
Delta R.T.: 0.019 min
Response: 267335874
Conc: 251.23 ng/ml



#34 AR-1260-4

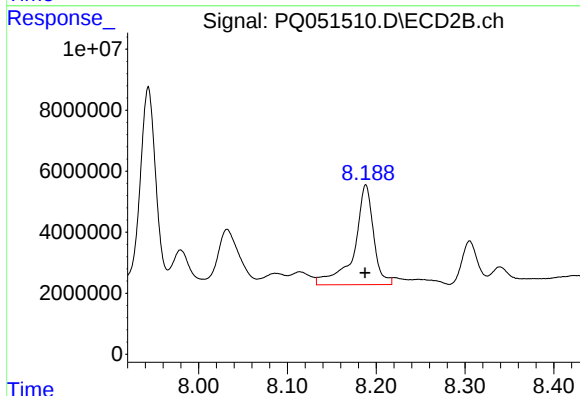
R.T.: 7.943 min
Delta R.T.: 0.001 min
Response: 80232882
Conc: 233.81 ng/ml



#35 AR-1260-5

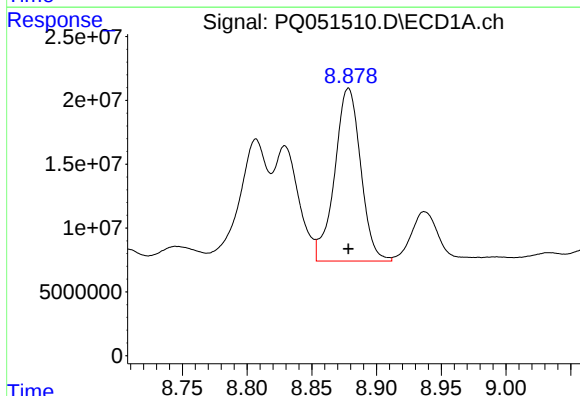
R.T.: 9.469 min
Delta R.T.: 0.002 min
Response: 121665964
Conc: 54.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



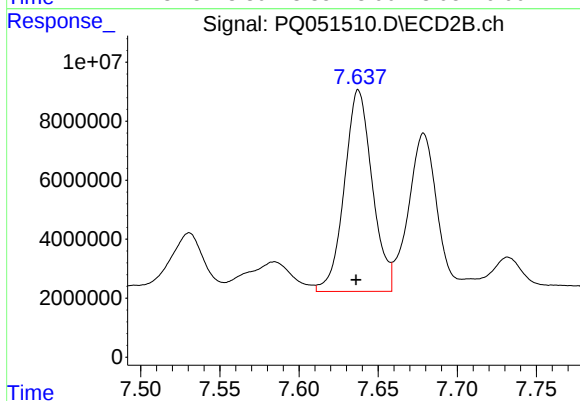
#35 AR-1260-5

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 49262117
Conc: 58.76 ng/ml



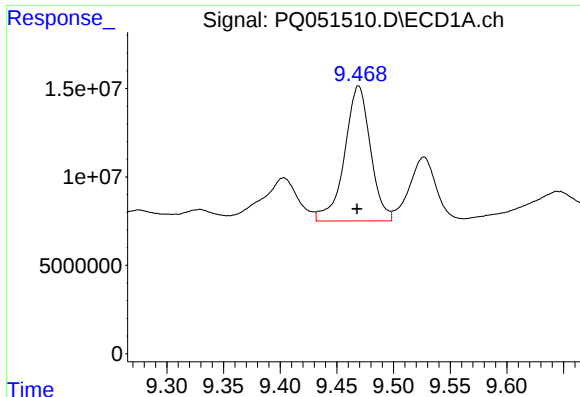
#36 AR-1262-1

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 189492929
Conc: 134.09 ng/ml



#36 AR-1262-1

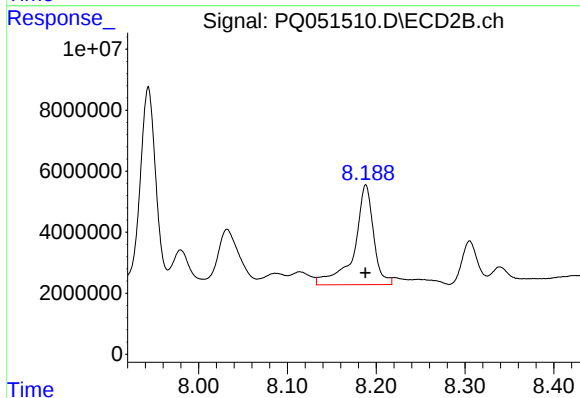
R.T.: 7.638 min
Delta R.T.: 0.002 min
Response: 83871195
Conc: 316.51 ng/ml



#37 AR-1262-2

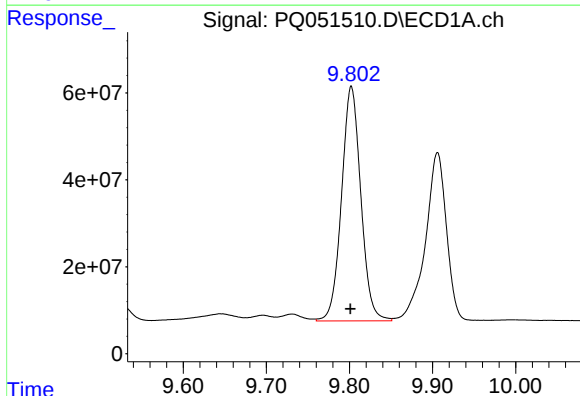
R.T.: 9.469 min
Delta R.T.: 0.001 min
Response: 121665964
Conc: 46.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



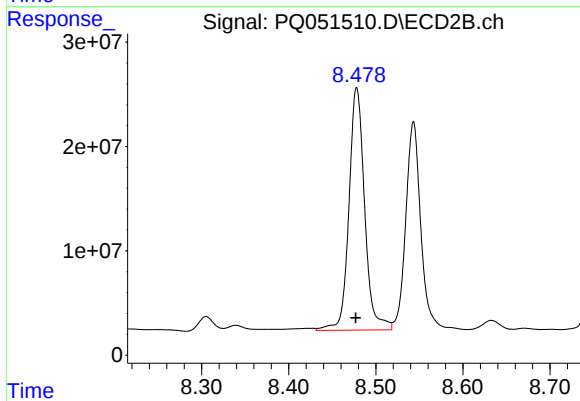
#37 AR-1262-2

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 49262117
Conc: 51.37 ng/ml



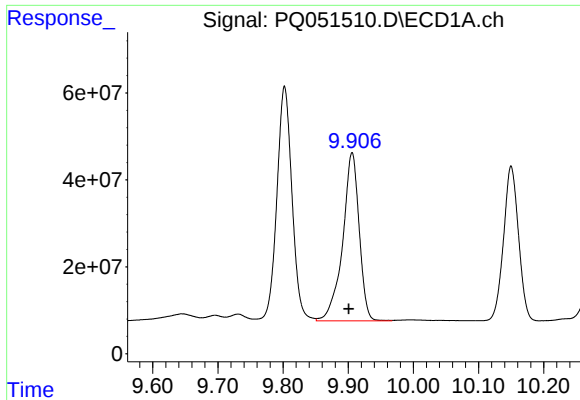
#38 AR-1262-3

R.T.: 9.802 min
Delta R.T.: 0.001 min
Response: 870762127
Conc: 779.28 ng/ml



#38 AR-1262-3

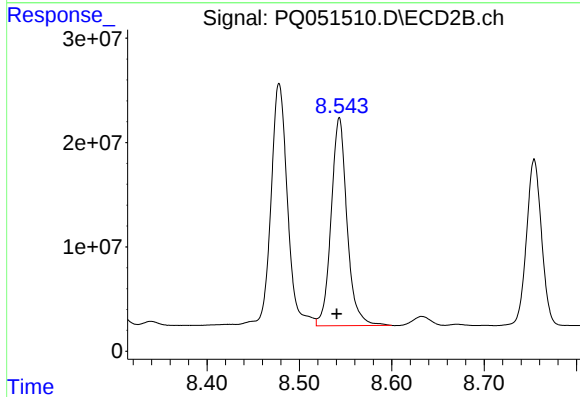
R.T.: 8.478 min
Delta R.T.: 0.001 min
Response: 291703398
Conc: 825.16 ng/ml



#39 AR-1262-4

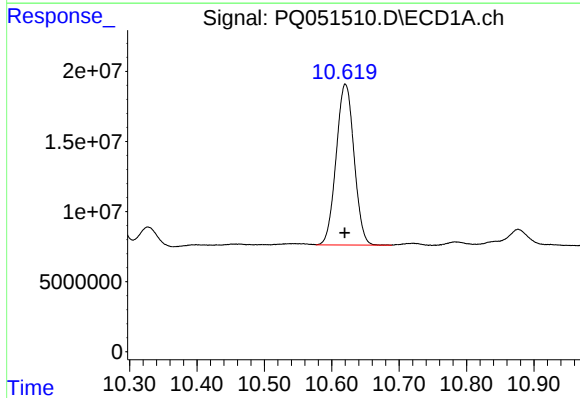
R.T.: 9.906 min
Delta R.T.: 0.005 min
Response: 682863666
Conc: 538.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



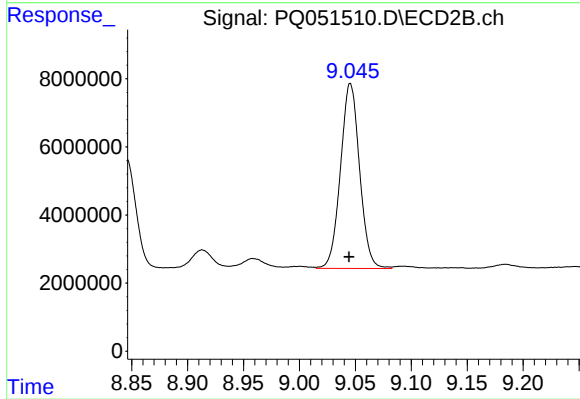
#39 AR-1262-4

R.T.: 8.543 min
Delta R.T.: 0.003 min
Response: 238671791
Conc: 344.99 ng/ml



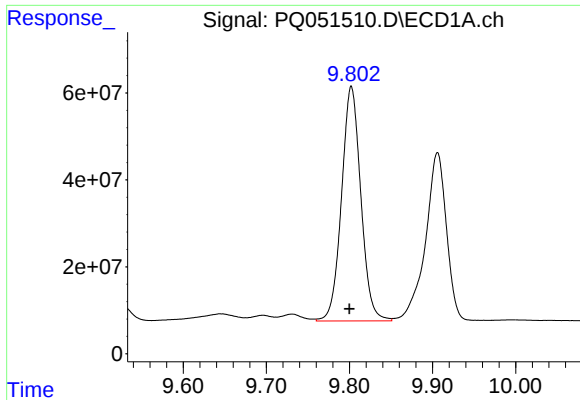
#40 AR-1262-5

R.T.: 10.620 min
Delta R.T.: 0.001 min
Response: 211891164
Conc: 235.87 ng/ml



#40 AR-1262-5

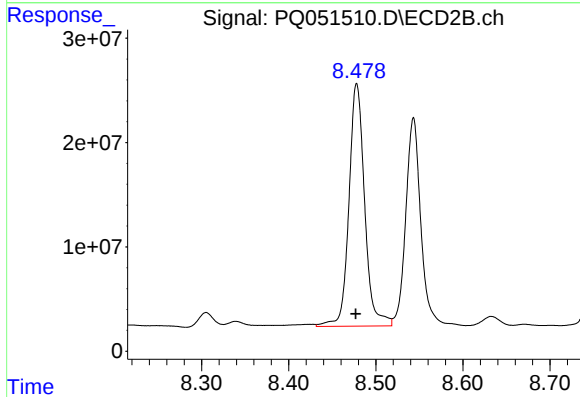
R.T.: 9.046 min
Delta R.T.: 0.001 min
Response: 64622762
Conc: 214.36 ng/ml



#41 AR-1268-1

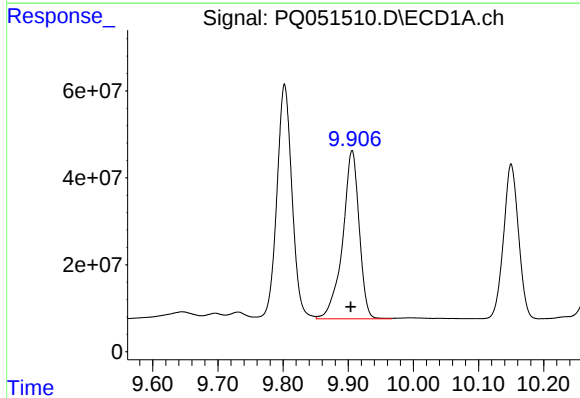
R.T.: 9.802 min
Delta R.T.: 0.002 min
Response: 870762127
Conc: 311.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



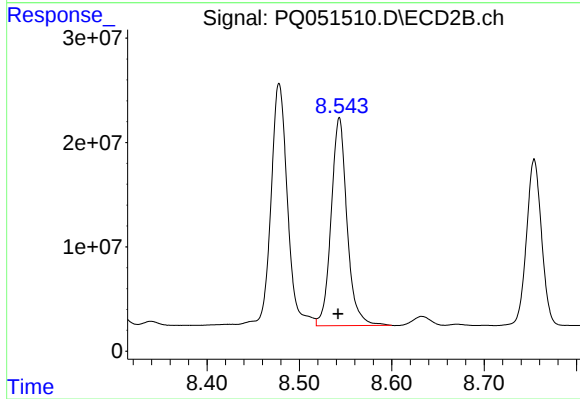
#41 AR-1268-1

R.T.: 8.478 min
Delta R.T.: 0.001 min
Response: 291703398
Conc: 298.12 ng/ml



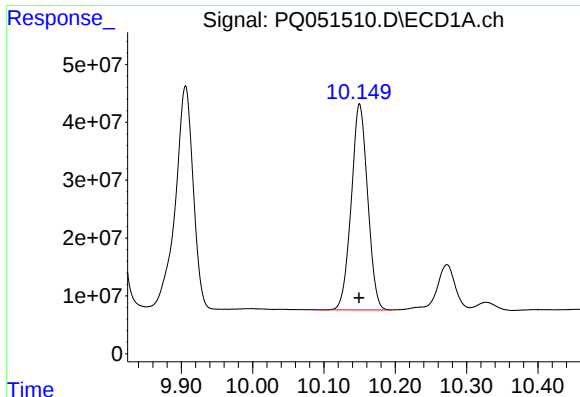
#42 AR-1268-2

R.T.: 9.906 min
Delta R.T.: 0.002 min
Response: 682863666
Conc: 269.24 ng/ml



#42 AR-1268-2

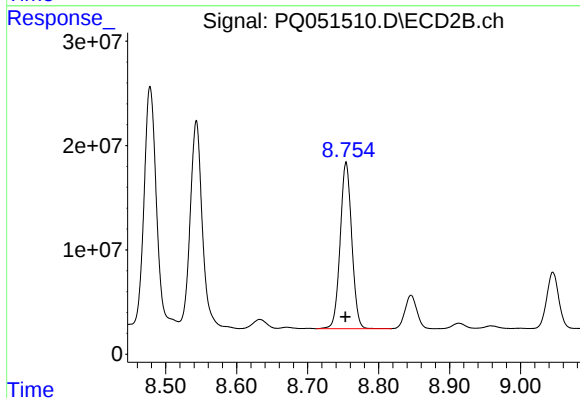
R.T.: 8.543 min
Delta R.T.: 0.001 min
Response: 238671791
Conc: 264.03 ng/ml



#43 AR-1268-3

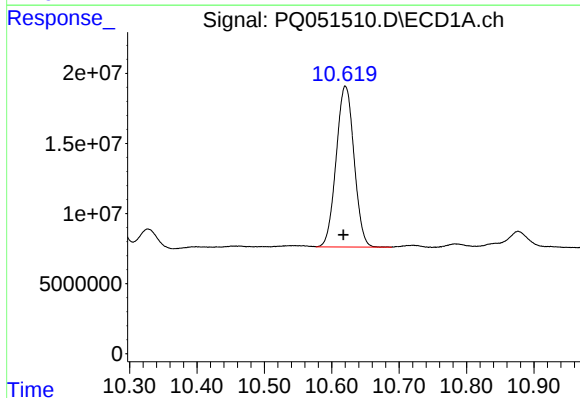
R.T.: 10.150 min
Delta R.T.: 0.000 min
Response: 567518890
Conc: 262.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



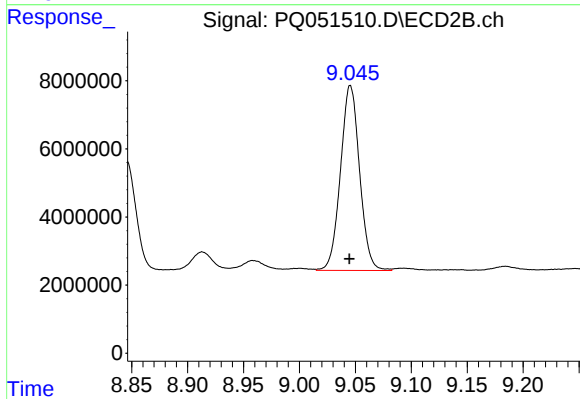
#43 AR-1268-3

R.T.: 8.754 min
Delta R.T.: 0.000 min
Response: 180829051
Conc: 239.15 ng/ml



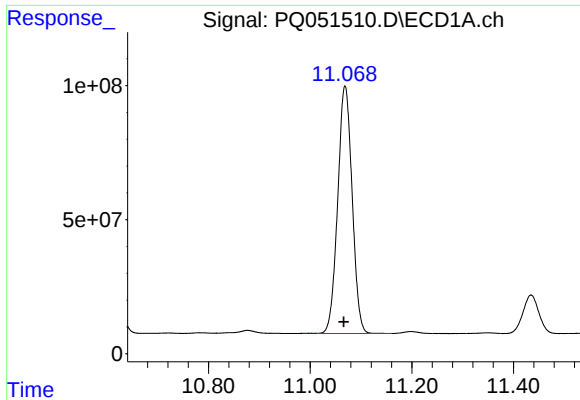
#44 AR-1268-4

R.T.: 10.620 min
Delta R.T.: 0.003 min
Response: 211891164
Conc: 232.29 ng/ml



#44 AR-1268-4

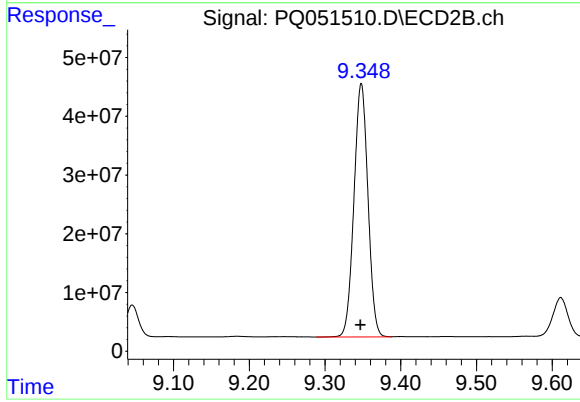
R.T.: 9.046 min
Delta R.T.: 0.000 min
Response: 64622762
Conc: 208.24 ng/ml



#45 AR-1268-5

R.T.: 11.069 min
Delta R.T.: 0.003 min
Response: 1820527099
Conc: 256.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.348 min
Delta R.T.: 0.001 min
Response: 553537167
Conc: 231.23 ng/ml