

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102521\
 Data File : PQ055154.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2021 17:33
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 02:18:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
 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...	5.193	4.197	576.6E6	250.1E6	24.898	22.829
2)	SA Decachlor...	11.352	9.520	871.3E6	623.7E6	48.719	44.069
Target Compounds							
3)	L1 AR-1016-1	6.518	5.458	247.2E6	112.5E6	350.662	308.246
4)	L1 AR-1016-2	6.544	5.477	426.1E6	220.3E6	372.142	333.875
5)	L1 AR-1016-3	6.609	5.670	259.4E6	97796611	379.137	328.549
6)	L1 AR-1016-4	6.718	5.718	199.7E6	80753834	369.212	319.075
7)	L1 AR-1016-5	7.028	5.949	195.1E6	100.9E6	369.729	316.609
8)	L2 AR-1221-1	5.441	4.455	31690041	10087154	120.988	87.069 #
9)	L2 AR-1221-2	5.545	4.557	43537945	14554071	245.868	181.714 #
10)	L2 AR-1221-3	5.633	4.645	149.8E6	71009251	259.782	232.014
11)	L3 AR-1232-1	5.633	4.645	149.8E6	71009251	334.370	289.374
12)	L3 AR-1232-2	6.221	5.477	211.3E6	220.3E6	864.351	798.689
13)	L3 AR-1232-3	6.544	5.670	426.1E6	97796611	884.363	797.196
14)	L3 AR-1232-4	6.718	5.764	199.7E6	97632443	883.026	877.727
15)	L3 AR-1232-5	6.808	5.949	163.3E6	100.9E6	984.521	814.417
16)	L4 AR-1242-1	6.518	5.458	247.2E6	112.5E6	419.687	360.659
17)	L4 AR-1242-2	6.544	5.477	426.1E6	220.3E6	446.082	401.280
18)	L4 AR-1242-3	6.609	5.670	259.4E6	97796611	449.248	387.051
19)	L4 AR-1242-4	6.718	5.764	199.7E6	97632443	437.356	390.418
20)	L4 AR-1242-5	7.500	6.329	230.0E6	136.0E6	442.104	387.851
21)	L5 AR-1248-1	6.518	5.458	247.2E6	112.5E6	578.123	488.426
22)	L5 AR-1248-2	6.808	5.718	163.3E6	80753834	252.048	224.574
23)	L5 AR-1248-3	7.028	5.764	195.1E6	97632443	264.582	263.117
24)	L5 AR-1248-4	7.458	5.949	205.0E6	100.9E6	237.561	224.215
25)	L5 AR-1248-5	7.500	6.373	230.0E6	128.7E6	260.955	264.339
26)	L6 AR-1254-1	7.427	6.329	140.7E6	136.0E6	170.554	186.676
27)	L6 AR-1254-2	7.664	6.485	176.0E6	36736589	136.458	57.047 #
28)	L6 AR-1254-3	8.037	6.906	79636019	44912460	57.178	43.068
29)	L6 AR-1254-4	8.335	7.148	55862719	35220865	54.786	50.045
30)	L6 AR-1254-5	8.760	7.573	12282028	12354168	11.291	12.015
31)	L7 AR-1260-1	8.170	7.054	43552512	23323834	49.788	35.876 #
32)	L7 AR-1260-2	8.461	7.238	19945696	5444165	17.815	6.060 #
33)	L7 AR-1260-3	8.760	7.392	12282028	7703935	10.034	9.435
34)	L7 AR-1260-4	9.068	7.875	5319266	474553	5.816	0.692 #
35)	L7 AR-1260-5	9.351f	8.123	3305983	911519	1.829	0.474 #
36)	L8 AR-1262-1	8.789f	7.573	1675454	12354168	1.322	22.362 #
37)	L8 AR-1262-2	9.351f	8.123	3305983	911519	1.419	0.378 #
38)	L8 AR-1262-3	0.000	8.471f	0	3160945	N.D.	3.269 #
39)	L8 AR-1262-4	0.000	8.471	0	3160945	N.D.	1.897 #
41)	L9 AR-1268-1	0.000	8.471f	0	3160945	N.D.	1.096 #
42)	L9 AR-1268-2	0.000	8.471	0	3160945	N.D.	1.275 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102521\
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 Acq On : 25 Oct 2021 17:33
 Operator : AJ\MA
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

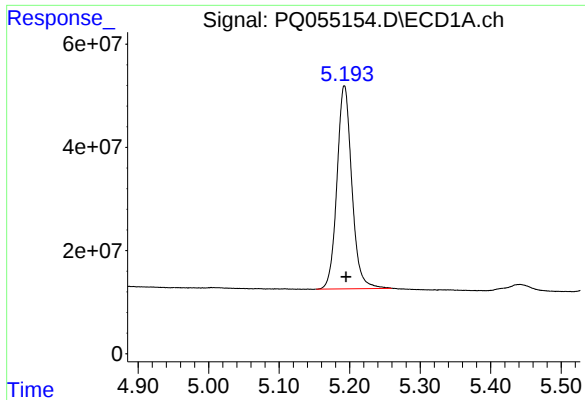
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 02:18:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
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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
43) L9	AR-1268-3	10.089	8.678	2516457	1776713	1.207	0.826 #
45) L9	AR-1268-5	10.994	9.267	5330081	3575677	0.749	0.569

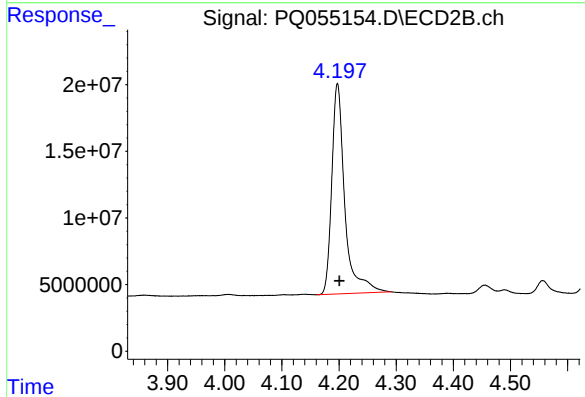
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

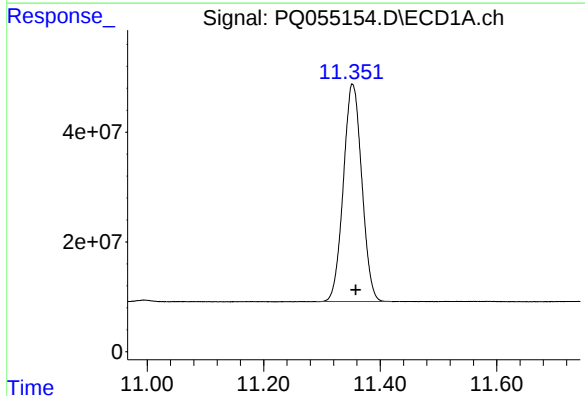
R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 576622023
Conc: 24.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



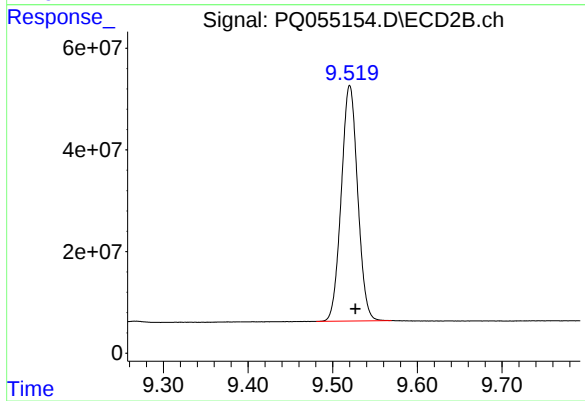
#1 Tetrachloro-m-xylene

R.T.: 4.197 min
Delta R.T.: -0.003 min
Response: 250112403
Conc: 22.83 ng/ml



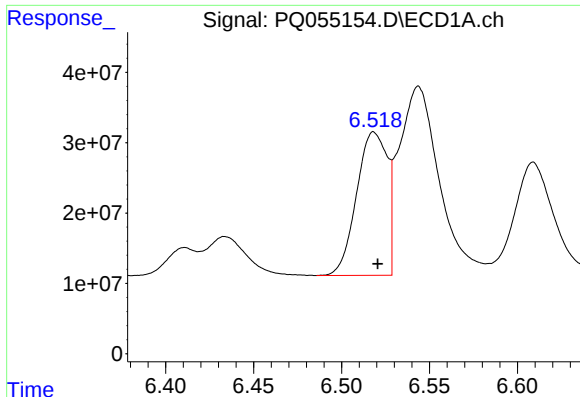
#2 Decachlorobiphenyl

R.T.: 11.352 min
Delta R.T.: -0.005 min
Response: 871337267
Conc: 48.72 ng/ml



#2 Decachlorobiphenyl

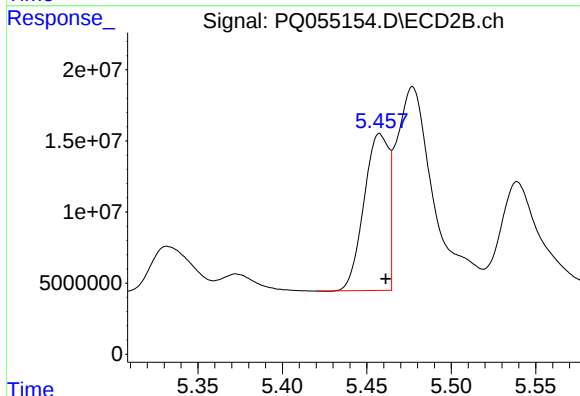
R.T.: 9.520 min
Delta R.T.: -0.007 min
Response: 623651176
Conc: 44.07 ng/ml



#3 AR-1016-1

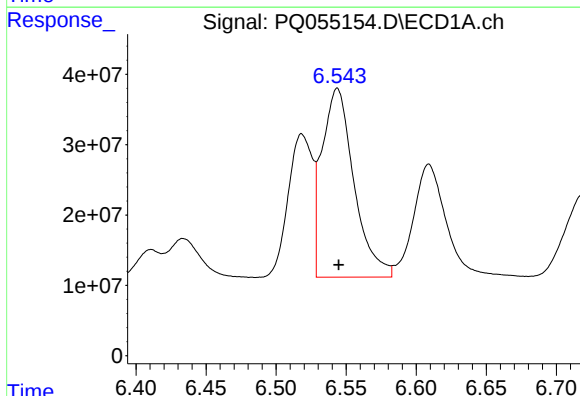
R.T.: 6.518 min
Delta R.T.: -0.002 min
Response: 247233777
Conc: 350.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



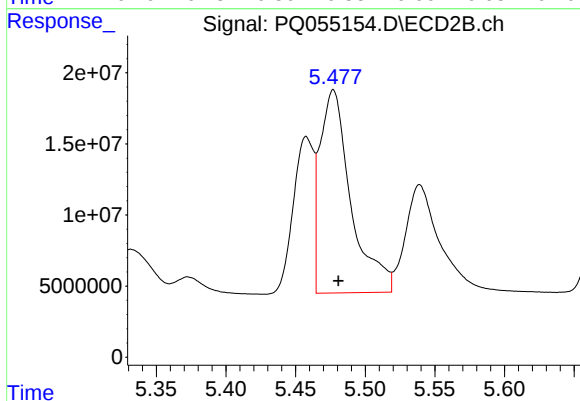
#3 AR-1016-1

R.T.: 5.458 min
Delta R.T.: -0.003 min
Response: 112450901
Conc: 308.25 ng/ml



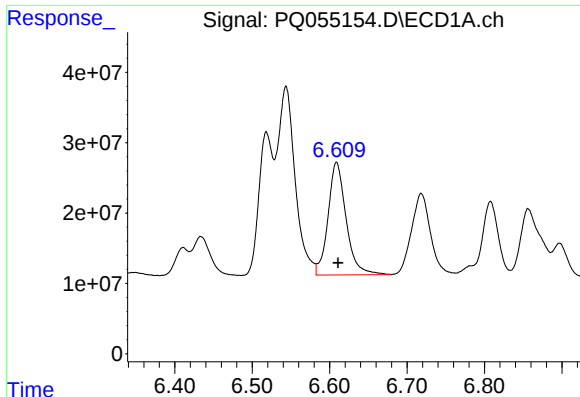
#4 AR-1016-2

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 426126239
Conc: 372.14 ng/ml



#4 AR-1016-2

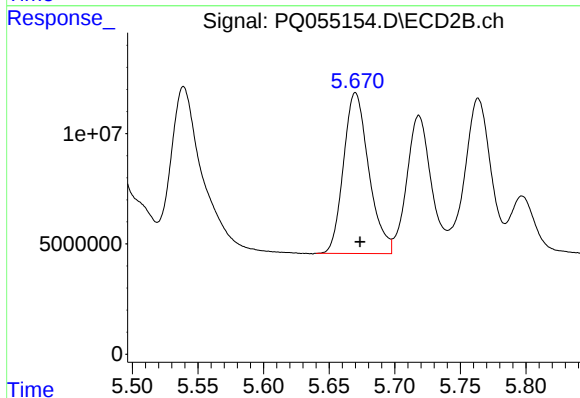
R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 220317316
Conc: 333.88 ng/ml



#5 AR-1016-3

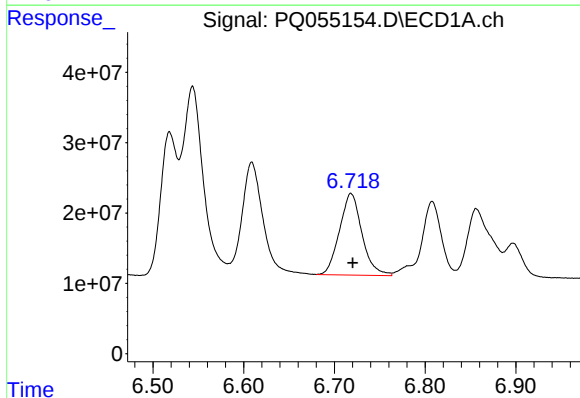
R.T.: 6.609 min
Delta R.T.: -0.002 min
Response: 259374815
Conc: 379.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



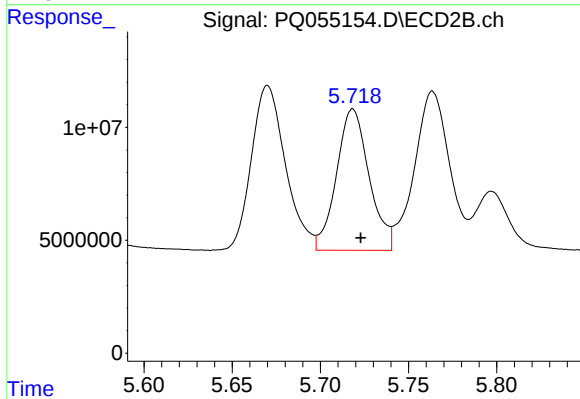
#5 AR-1016-3

R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 97796611
Conc: 328.55 ng/ml



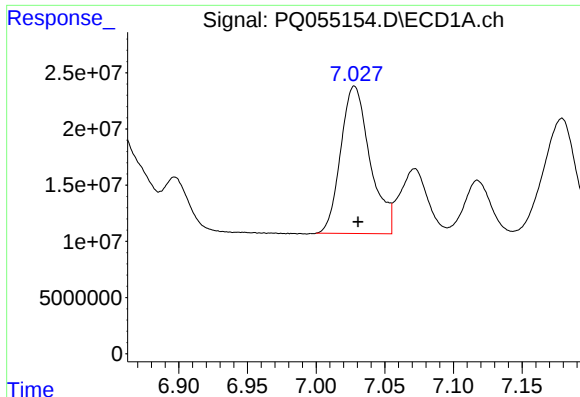
#6 AR-1016-4

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 199735353
Conc: 369.21 ng/ml



#6 AR-1016-4

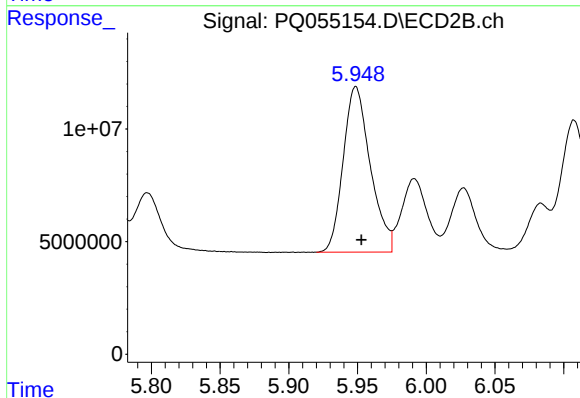
R.T.: 5.718 min
Delta R.T.: -0.004 min
Response: 80753834
Conc: 319.07 ng/ml



#7 AR-1016-5

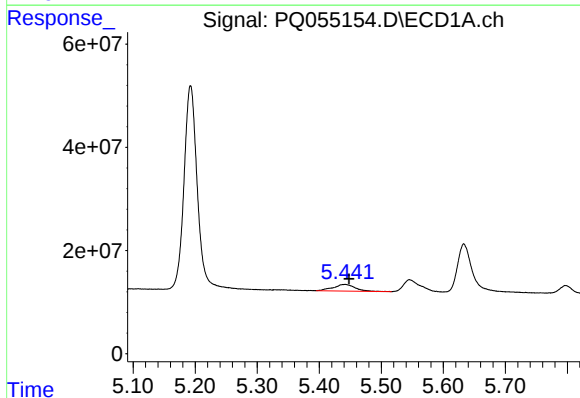
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 195083406
Conc: 369.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



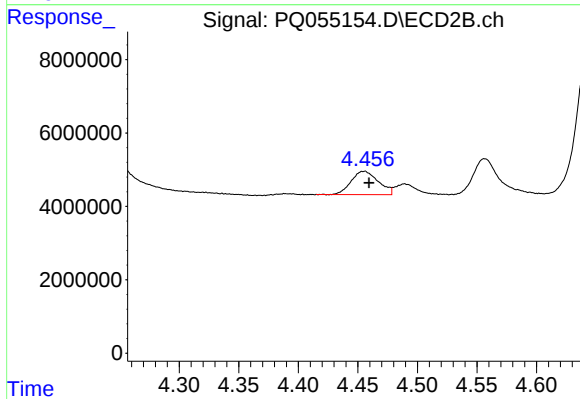
#7 AR-1016-5

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 100916225
Conc: 316.61 ng/ml



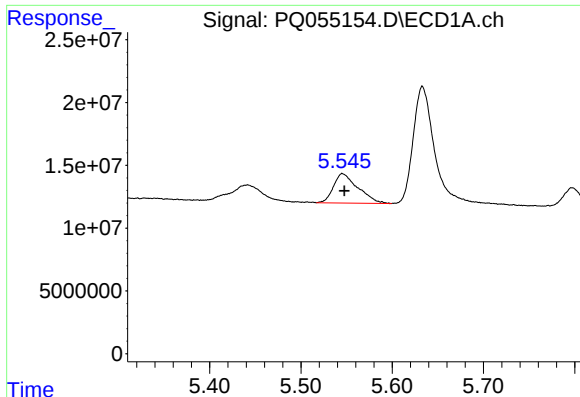
#8 AR-1221-1

R.T.: 5.441 min
Delta R.T.: -0.006 min
Response: 31690041
Conc: 120.99 ng/ml



#8 AR-1221-1

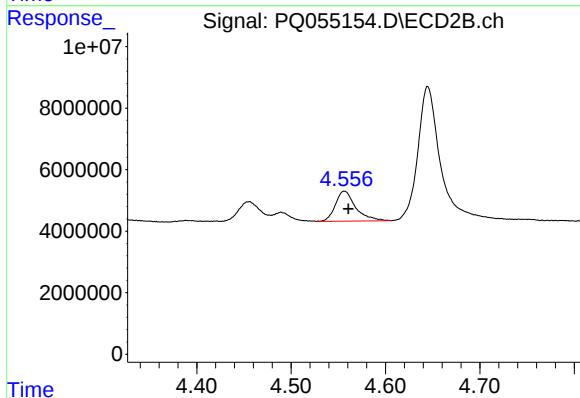
R.T.: 4.455 min
Delta R.T.: -0.004 min
Response: 10087154
Conc: 87.07 ng/ml



#9 AR-1221-2

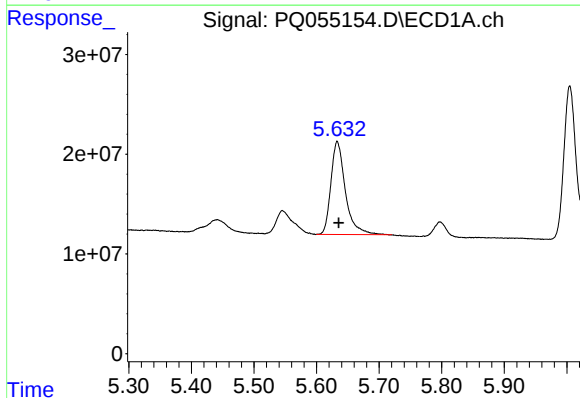
R.T.: 5.545 min
Delta R.T.: -0.002 min
Response: 43537945
Conc: 245.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



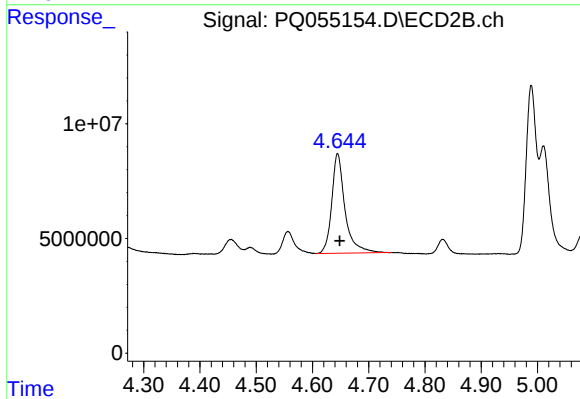
#9 AR-1221-2

R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 14554071
Conc: 181.71 ng/ml



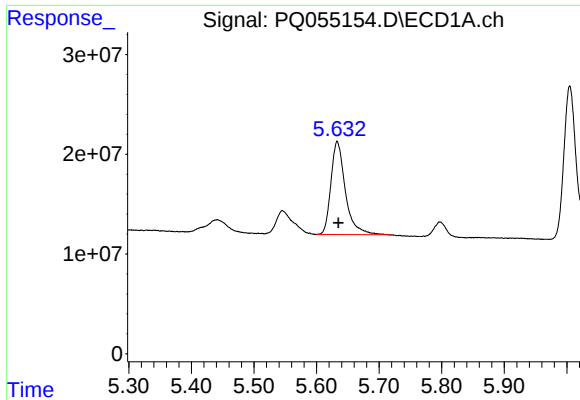
#10 AR-1221-3

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 149776792
Conc: 259.78 ng/ml



#10 AR-1221-3

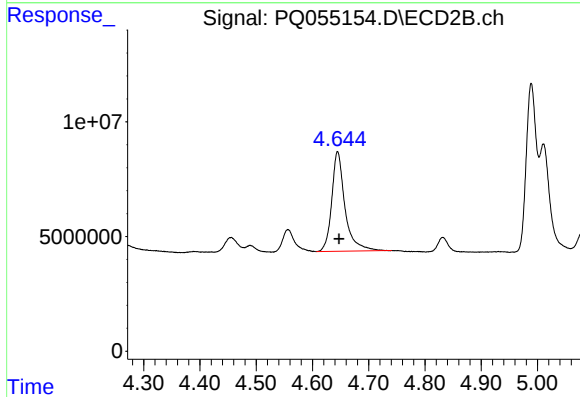
R.T.: 4.645 min
Delta R.T.: -0.004 min
Response: 71009251
Conc: 232.01 ng/ml



#11 AR-1232-1

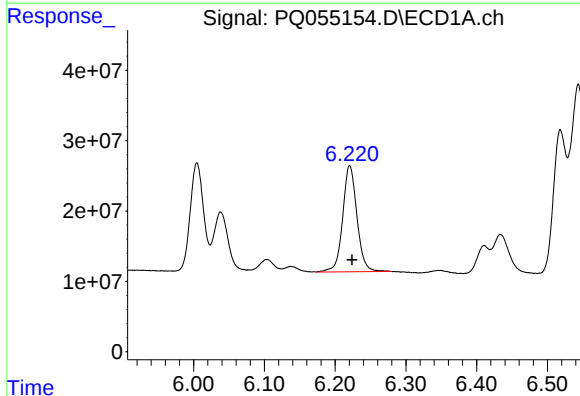
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 149776792
Conc: 334.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



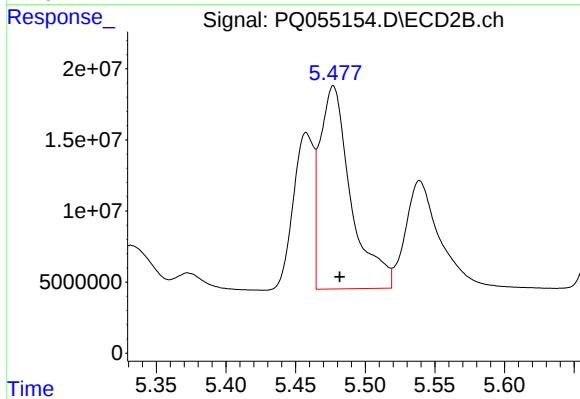
#11 AR-1232-1

R.T.: 4.645 min
Delta R.T.: -0.003 min
Response: 71009251
Conc: 289.37 ng/ml



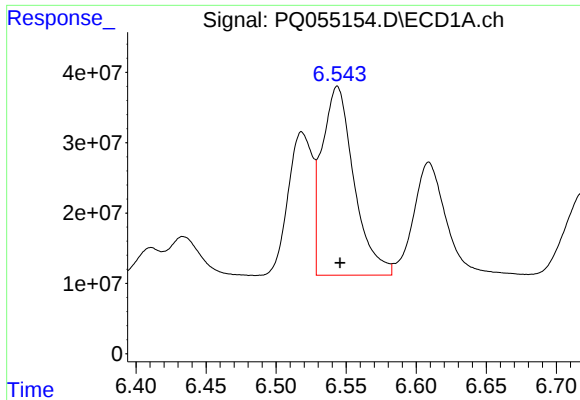
#12 AR-1232-2

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 211325248
Conc: 864.35 ng/ml



#12 AR-1232-2

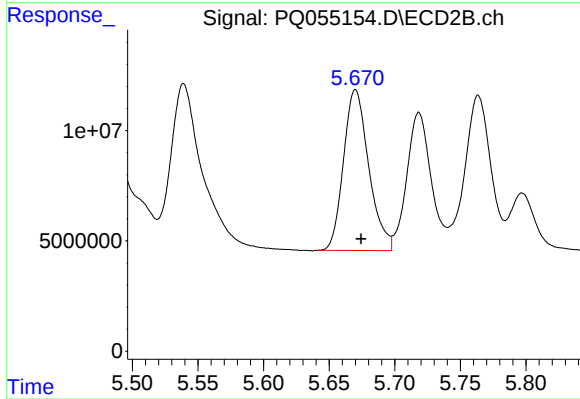
R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 220317316
Conc: 798.69 ng/ml



#13 AR-1232-3

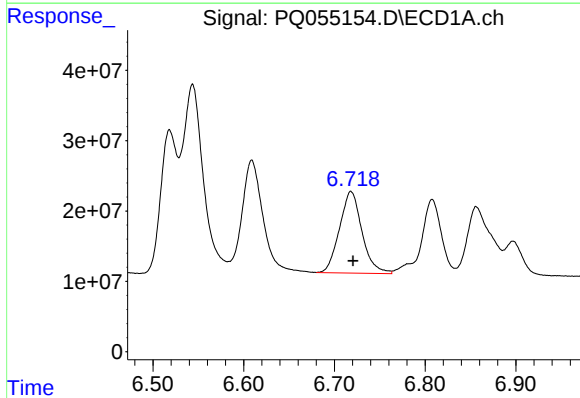
R.T.: 6.544 min
Delta R.T.: -0.002 min
Response: 426126239
Conc: 884.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



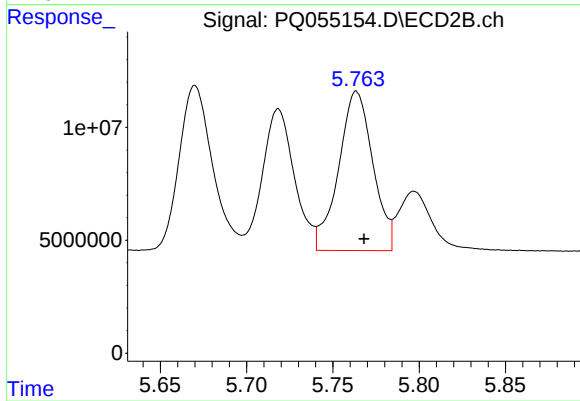
#13 AR-1232-3

R.T.: 5.670 min
Delta R.T.: -0.004 min
Response: 97796611
Conc: 797.20 ng/ml



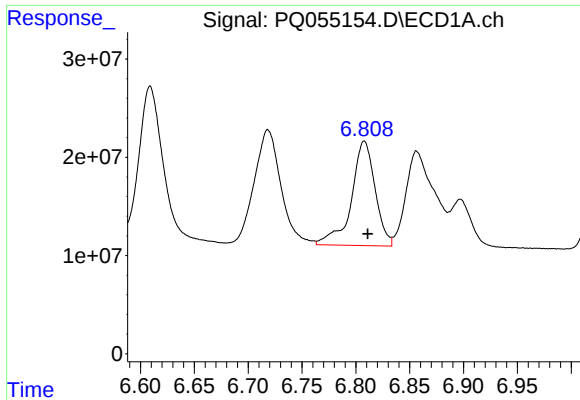
#14 AR-1232-4

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 199735353
Conc: 883.03 ng/ml



#14 AR-1232-4

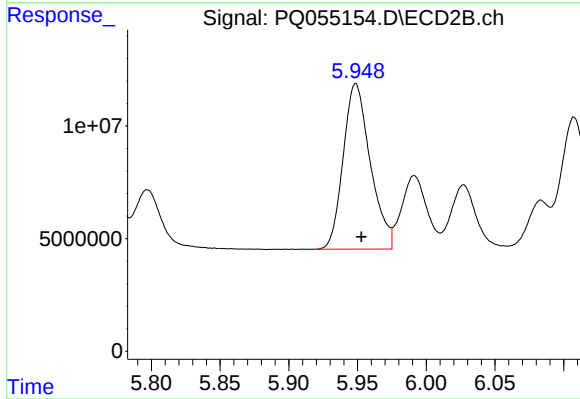
R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 97632443
Conc: 877.73 ng/ml



#15 AR-1232-5

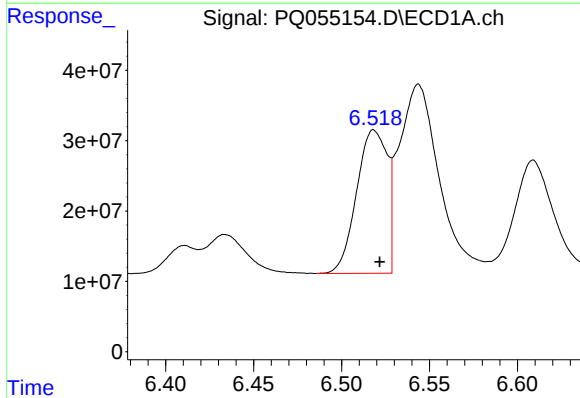
R.T.: 6.808 min
Delta R.T.: -0.003 min
Response: 163287366
Conc: 984.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



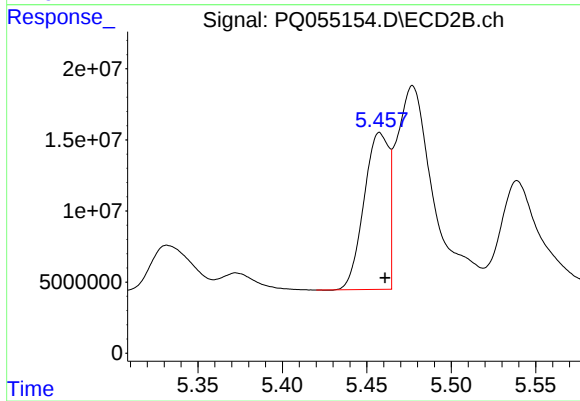
#15 AR-1232-5

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 100916225
Conc: 814.42 ng/ml



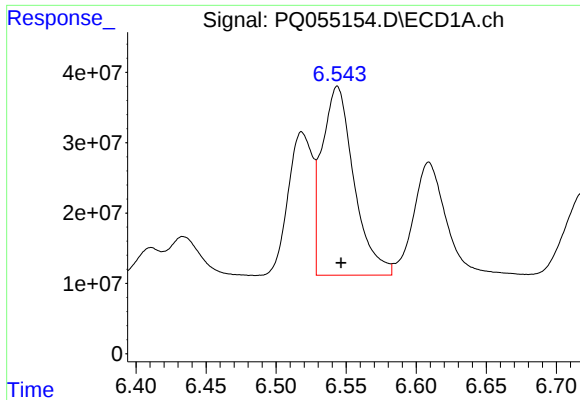
#16 AR-1242-1

R.T.: 6.518 min
Delta R.T.: -0.003 min
Response: 247233777
Conc: 419.69 ng/ml



#16 AR-1242-1

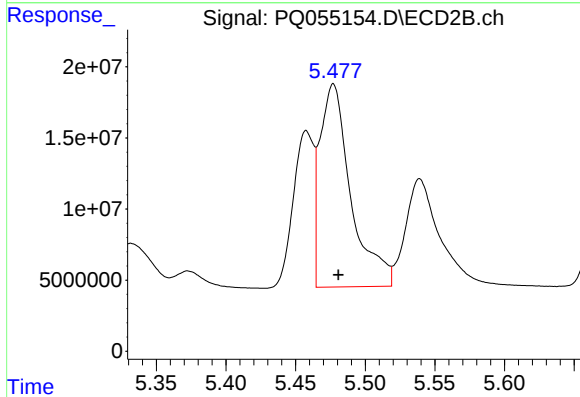
R.T.: 5.458 min
Delta R.T.: -0.003 min
Response: 112450901
Conc: 360.66 ng/ml



#17 AR-1242-2

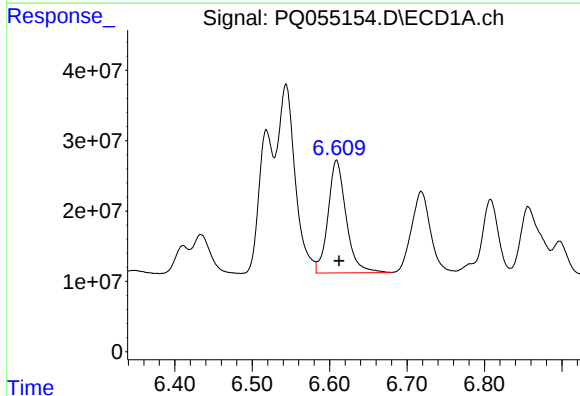
R.T.: 6.544 min
Delta R.T.: -0.003 min
Response: 426126239
Conc: 446.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



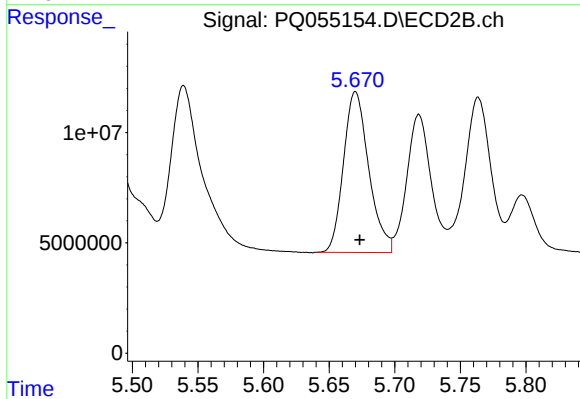
#17 AR-1242-2

R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 220317316
Conc: 401.28 ng/ml



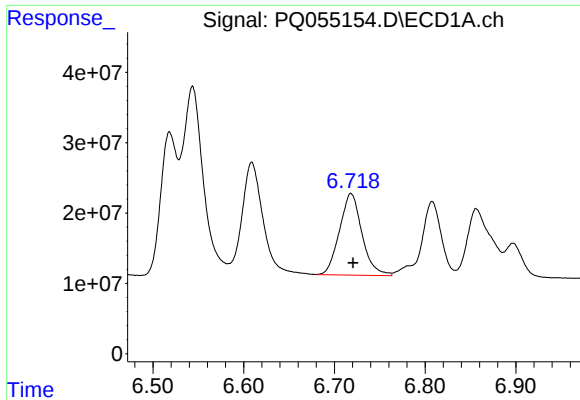
#18 AR-1242-3

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 259374815
Conc: 449.25 ng/ml



#18 AR-1242-3

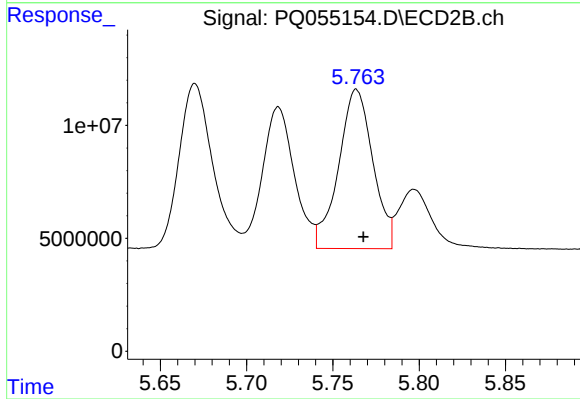
R.T.: 5.670 min
Delta R.T.: -0.003 min
Response: 97796611
Conc: 387.05 ng/ml



#19 AR-1242-4

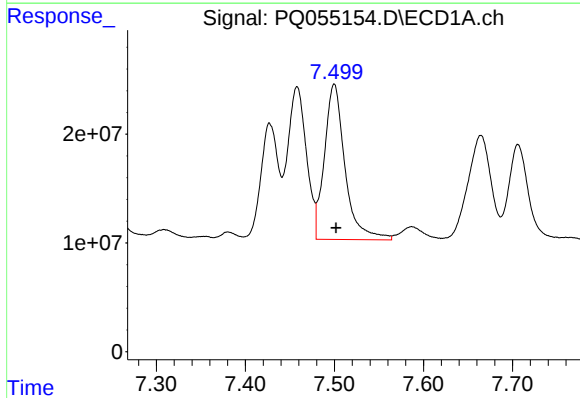
R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 199735353
Conc: 437.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



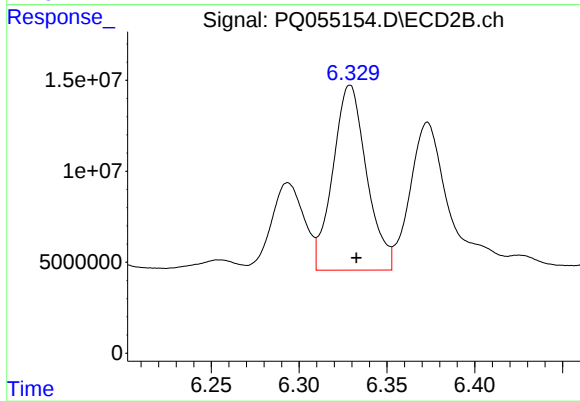
#19 AR-1242-4

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 97632443
Conc: 390.42 ng/ml



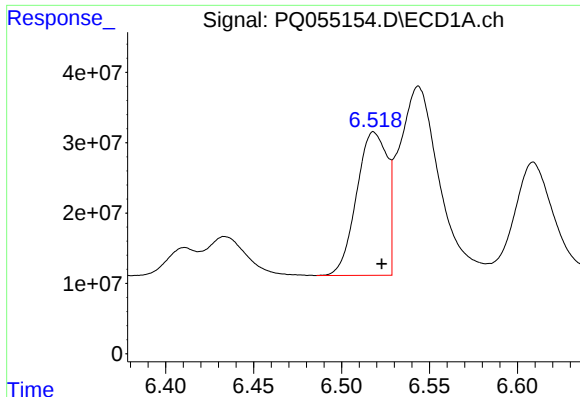
#20 AR-1242-5

R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 230049873
Conc: 442.10 ng/ml



#20 AR-1242-5

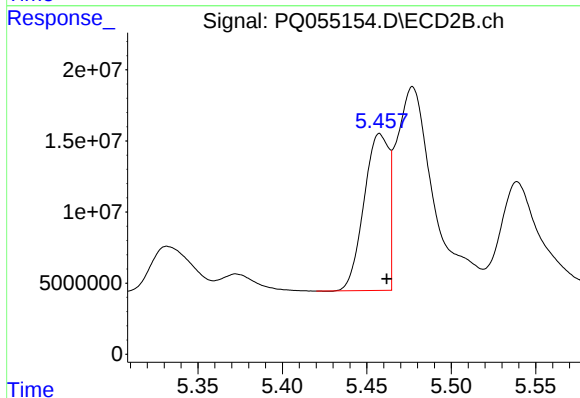
R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 135976843
Conc: 387.85 ng/ml



#21 AR-1248-1

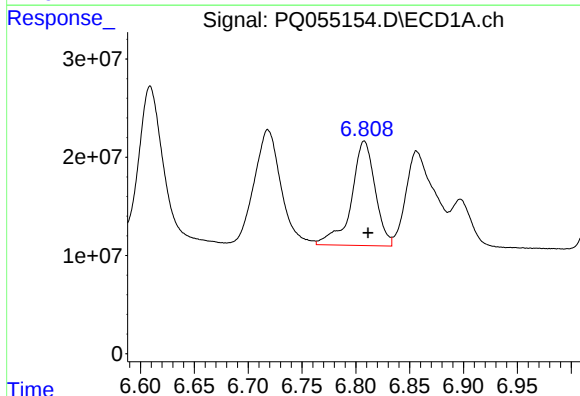
R.T.: 6.518 min
Delta R.T.: -0.005 min
Response: 247233777
Conc: 578.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



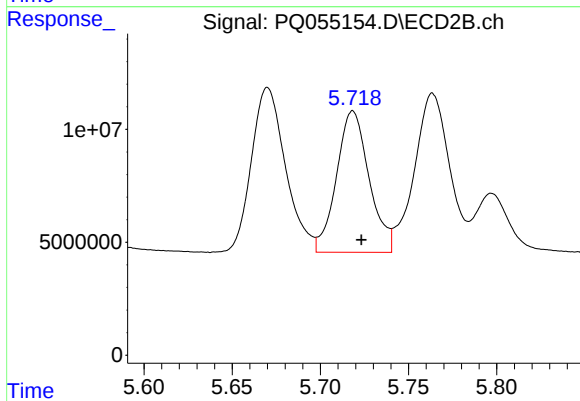
#21 AR-1248-1

R.T.: 5.458 min
Delta R.T.: -0.004 min
Response: 112450901
Conc: 488.43 ng/ml



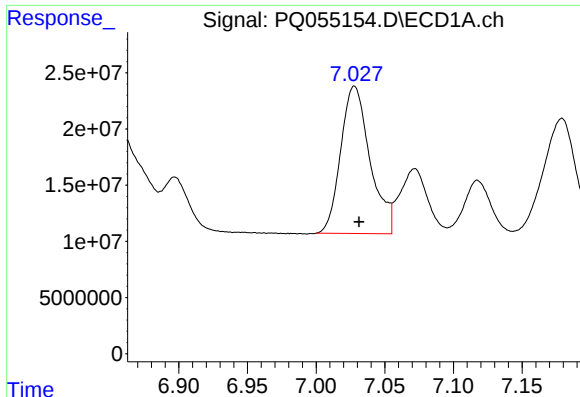
#22 AR-1248-2

R.T.: 6.808 min
Delta R.T.: -0.004 min
Response: 163287366
Conc: 252.05 ng/ml



#22 AR-1248-2

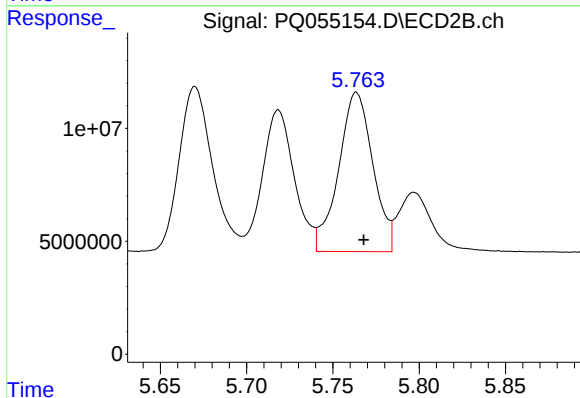
R.T.: 5.718 min
Delta R.T.: -0.005 min
Response: 80753834
Conc: 224.57 ng/ml



#23 AR-1248-3

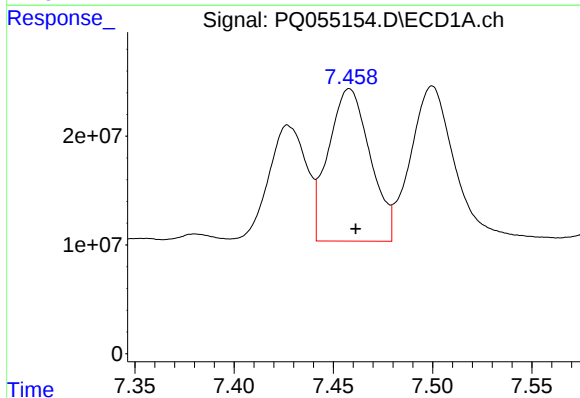
R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 195083406
Conc: 264.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



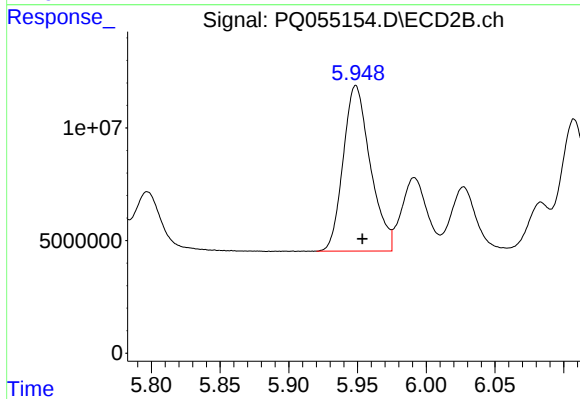
#23 AR-1248-3

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 97632443
Conc: 263.12 ng/ml



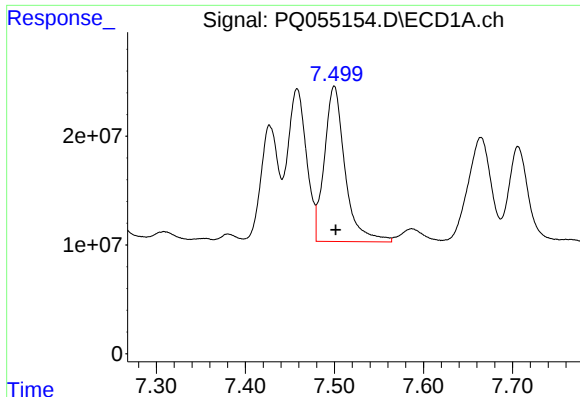
#24 AR-1248-4

R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 205006504
Conc: 237.56 ng/ml



#24 AR-1248-4

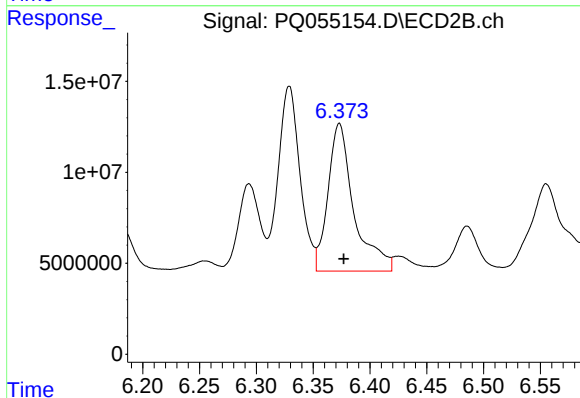
R.T.: 5.949 min
Delta R.T.: -0.005 min
Response: 100916225
Conc: 224.21 ng/ml



#25 AR-1248-5

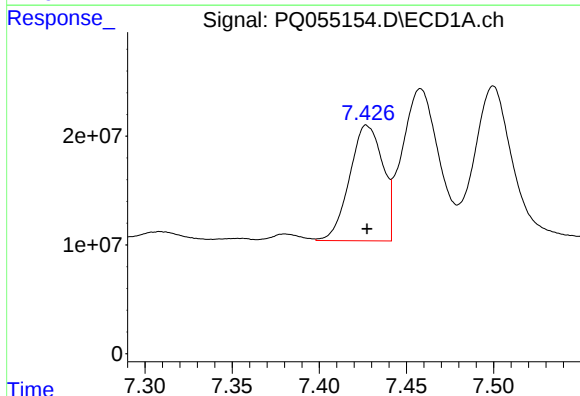
R.T.: 7.500 min
Delta R.T.: -0.002 min
Response: 230049873
Conc: 260.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



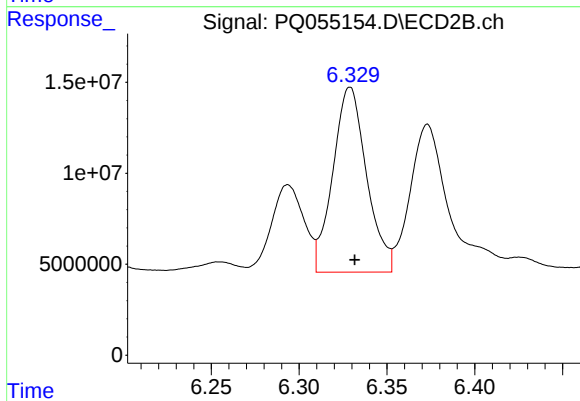
#25 AR-1248-5

R.T.: 6.373 min
Delta R.T.: -0.004 min
Response: 128743126
Conc: 264.34 ng/ml



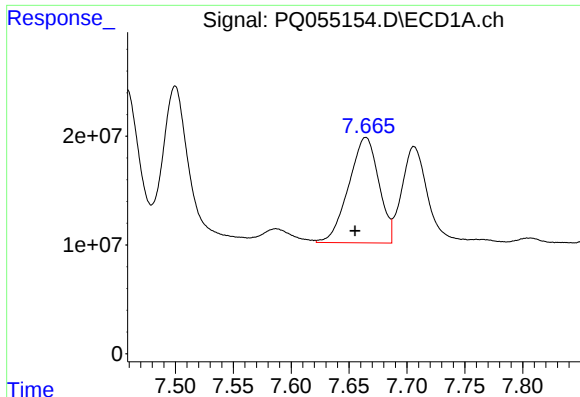
#26 AR-1254-1

R.T.: 7.427 min
Delta R.T.: 0.000 min
Response: 140734732
Conc: 170.55 ng/ml



#26 AR-1254-1

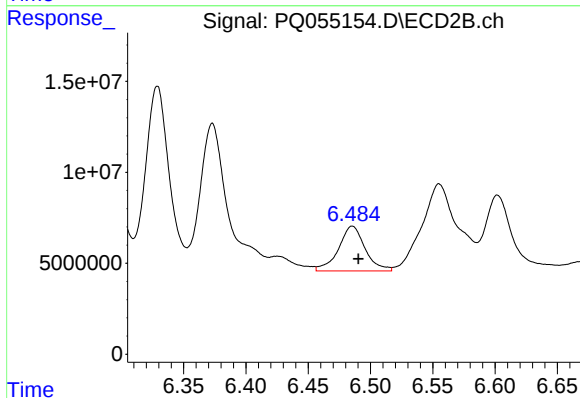
R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 135976843
Conc: 186.68 ng/ml



#27 AR-1254-2

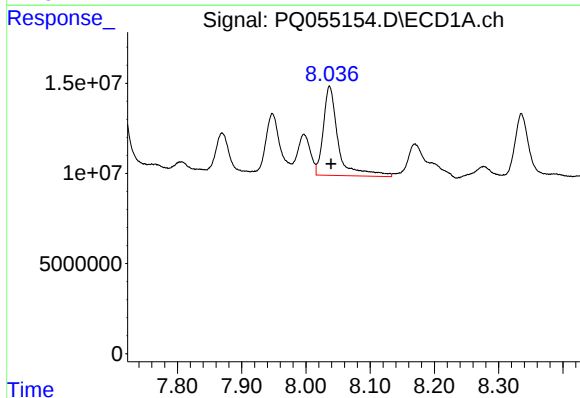
R.T.: 7.664 min
Delta R.T.: 0.009 min
Response: 175984305
Conc: 136.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



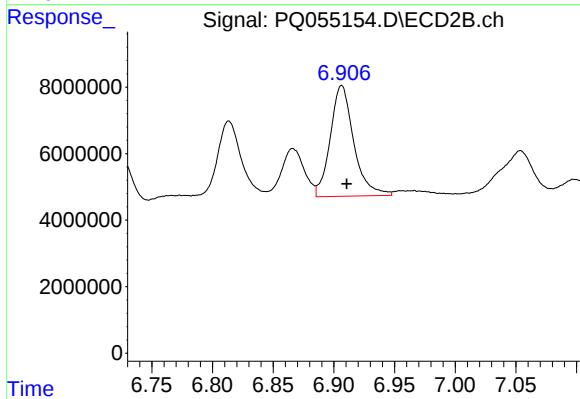
#27 AR-1254-2

R.T.: 6.485 min
Delta R.T.: -0.005 min
Response: 36736589
Conc: 57.05 ng/ml



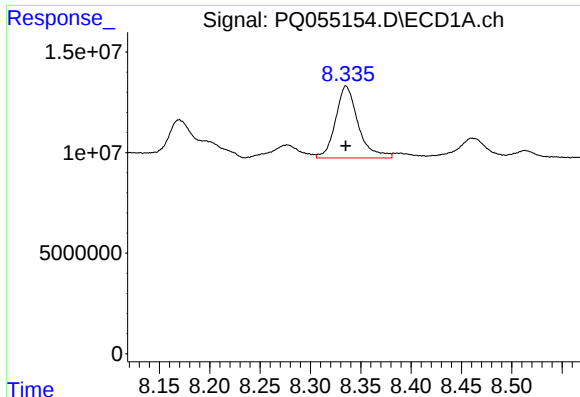
#28 AR-1254-3

R.T.: 8.037 min
Delta R.T.: -0.002 min
Response: 79636019
Conc: 57.18 ng/ml



#28 AR-1254-3

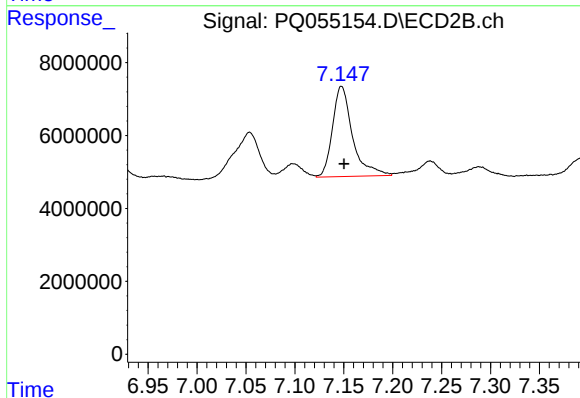
R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 44912460
Conc: 43.07 ng/ml



#29 AR-1254-4

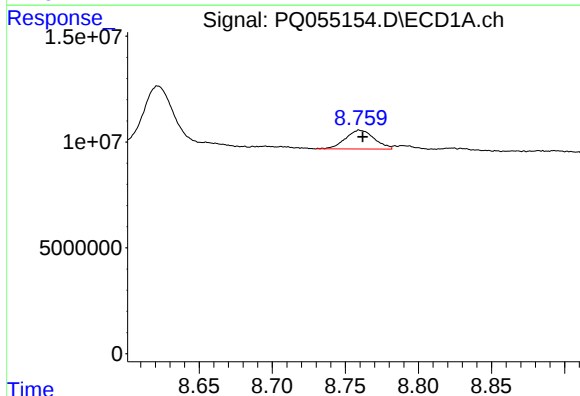
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 55862719
Conc: 54.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



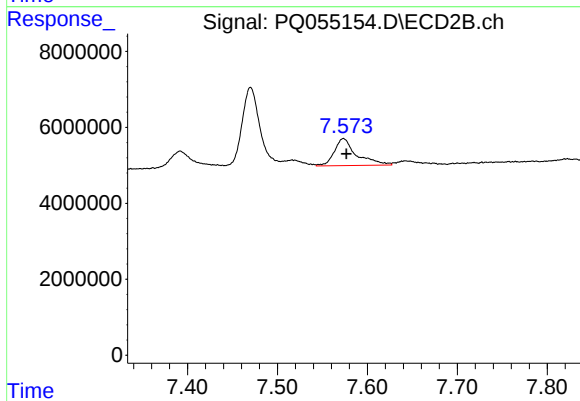
#29 AR-1254-4

R.T.: 7.148 min
Delta R.T.: -0.002 min
Response: 35220865
Conc: 50.04 ng/ml



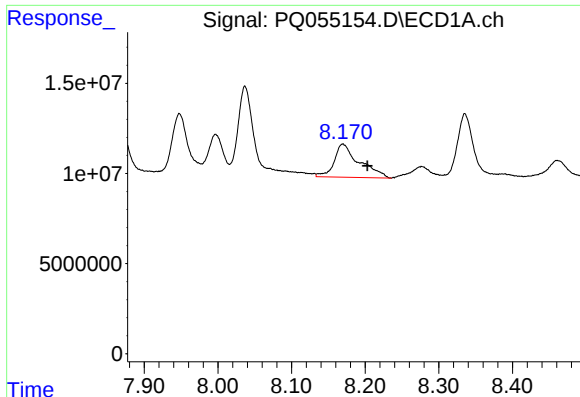
#30 AR-1254-5

R.T.: 8.760 min
Delta R.T.: -0.002 min
Response: 12282028
Conc: 11.29 ng/ml



#30 AR-1254-5

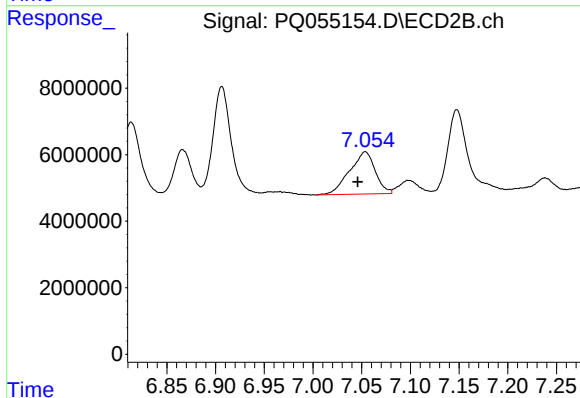
R.T.: 7.573 min
Delta R.T.: -0.003 min
Response: 12354168
Conc: 12.02 ng/ml



#31 AR-1260-1

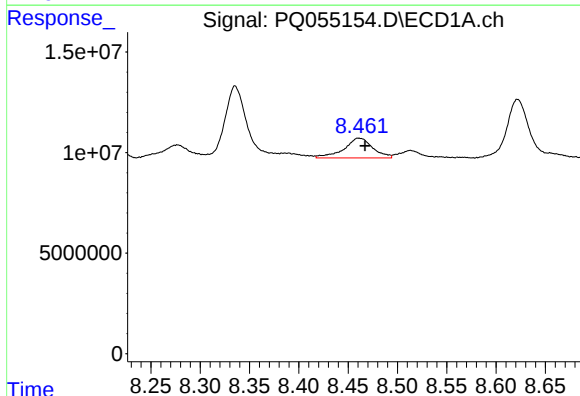
R.T.: 8.170 min
Delta R.T.: -0.033 min
Response: 43552512
Conc: 49.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



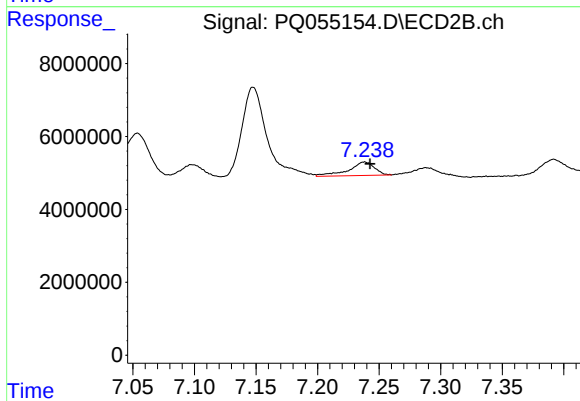
#31 AR-1260-1

R.T.: 7.054 min
Delta R.T.: 0.008 min
Response: 23323834
Conc: 35.88 ng/ml



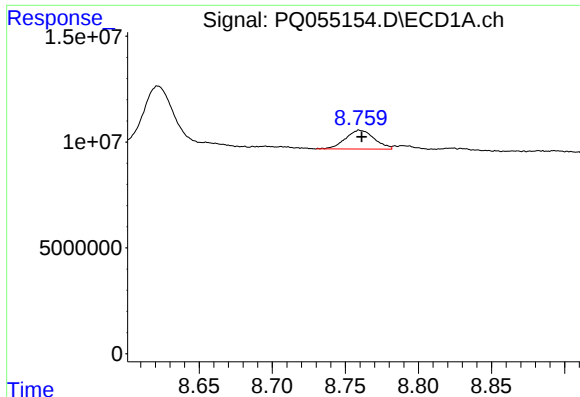
#32 AR-1260-2

R.T.: 8.461 min
Delta R.T.: -0.006 min
Response: 19945696
Conc: 17.82 ng/ml



#32 AR-1260-2

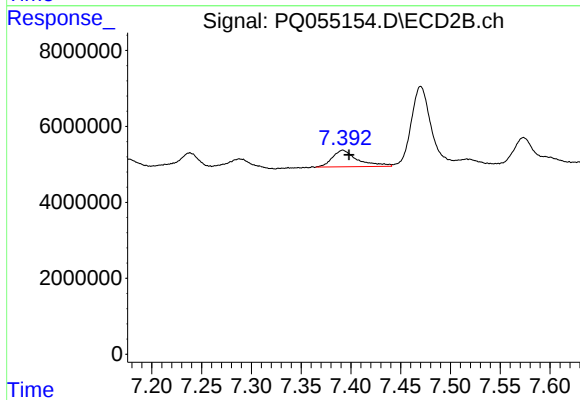
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 5444165
Conc: 6.06 ng/ml



#33 AR-1260-3

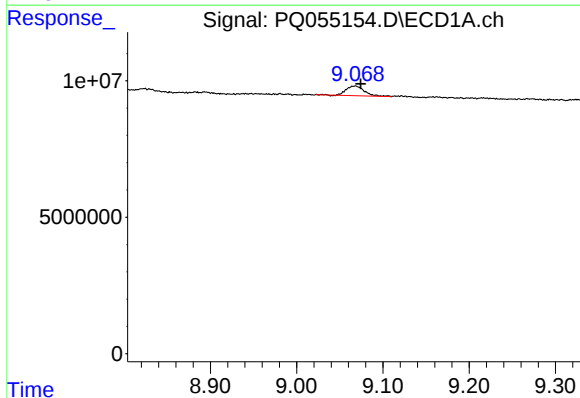
R.T.: 8.760 min
Delta R.T.: -0.001 min
Response: 12282028
Conc: 10.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



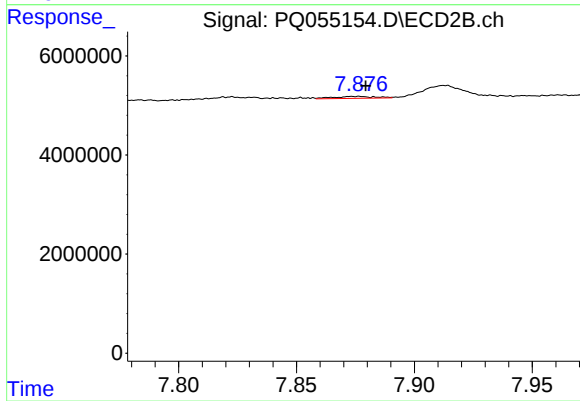
#33 AR-1260-3

R.T.: 7.392 min
Delta R.T.: -0.006 min
Response: 7703935
Conc: 9.44 ng/ml



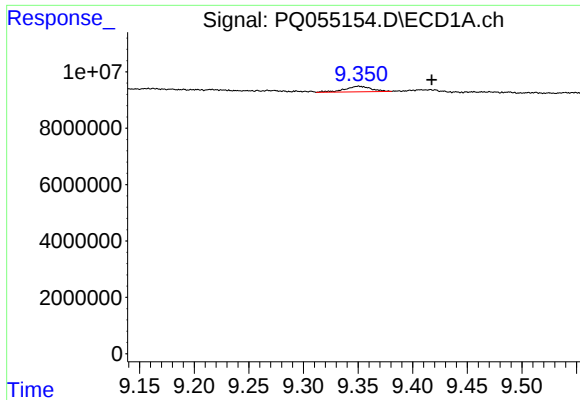
#34 AR-1260-4

R.T.: 9.068 min
Delta R.T.: -0.006 min
Response: 5319266
Conc: 5.82 ng/ml



#34 AR-1260-4

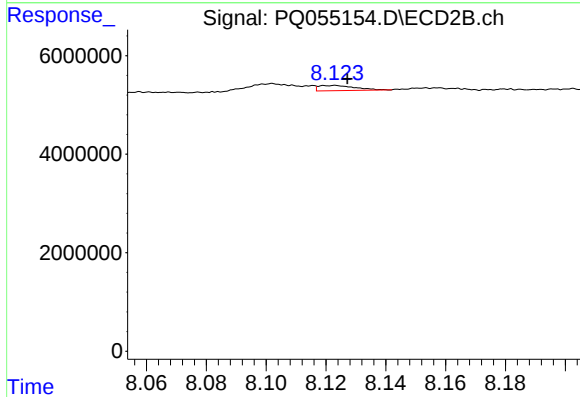
R.T.: 7.875 min
Delta R.T.: -0.005 min
Response: 474553
Conc: 0.69 ng/ml



#35 AR-1260-5

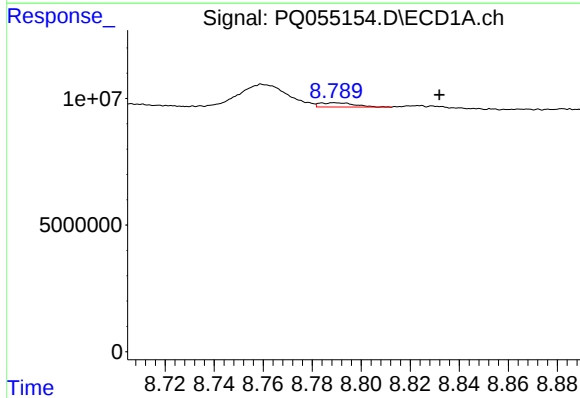
R.T.: 9.351 min
Delta R.T.: -0.067 min
Response: 3305983
Conc: 1.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



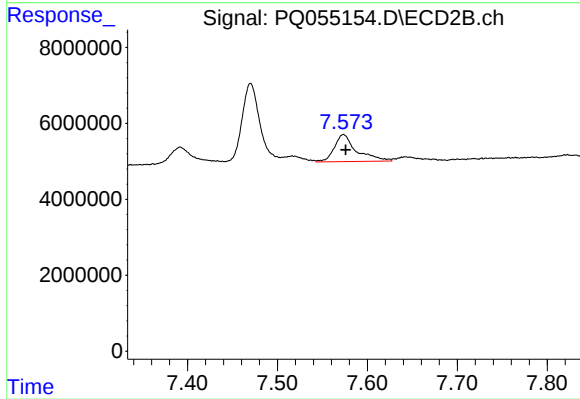
#35 AR-1260-5

R.T.: 8.123 min
Delta R.T.: -0.005 min
Response: 911519
Conc: 0.47 ng/ml



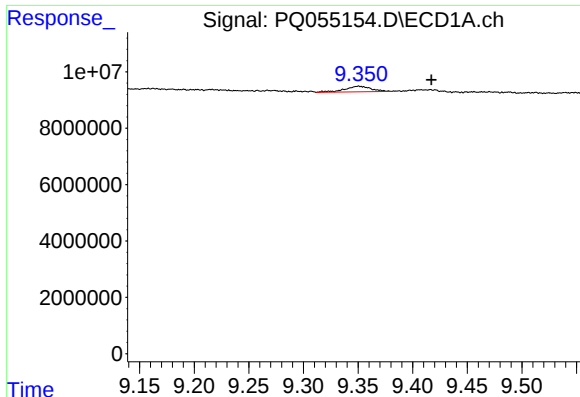
#36 AR-1262-1

R.T.: 8.789 min
Delta R.T.: -0.042 min
Response: 1675454
Conc: 1.32 ng/ml



#36 AR-1262-1

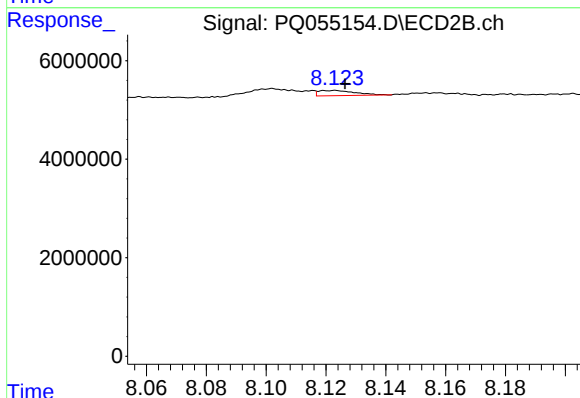
R.T.: 7.573 min
Delta R.T.: -0.002 min
Response: 12354168
Conc: 22.36 ng/ml



#37 AR-1262-2

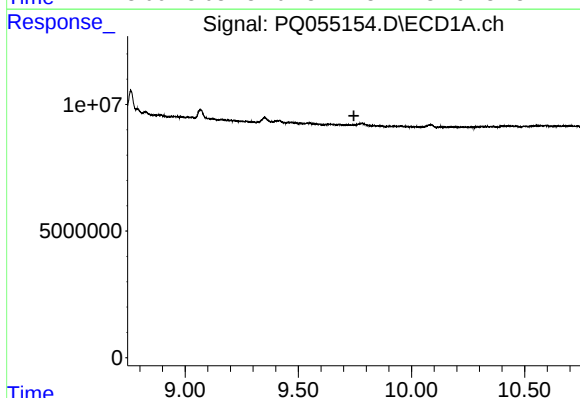
R.T.: 9.351 min
Delta R.T.: -0.067 min
Response: 3305983
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



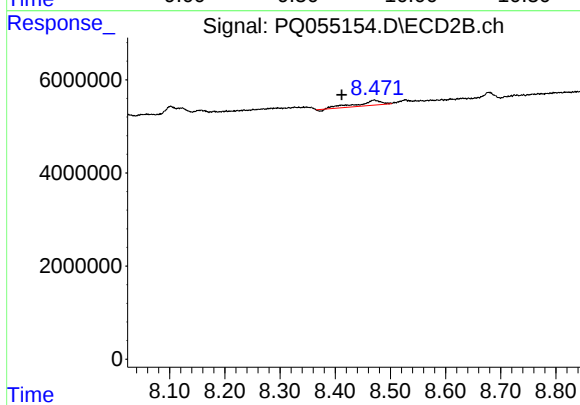
#37 AR-1262-2

R.T.: 8.123 min
Delta R.T.: -0.004 min
Response: 911519
Conc: 0.38 ng/ml



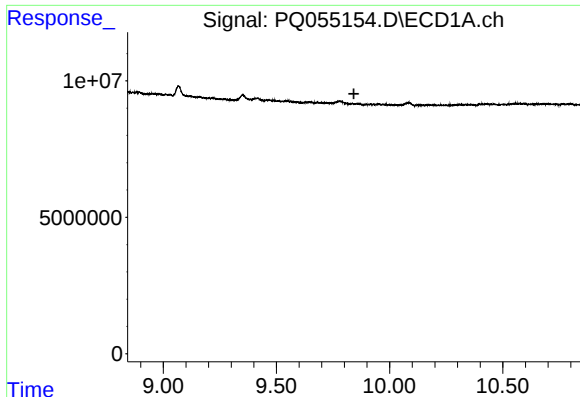
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.746 min
Response: 0
Conc: N.D.



#38 AR-1262-3

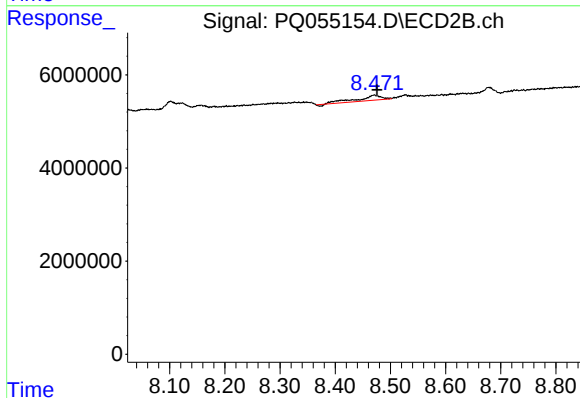
R.T.: 8.471 min
Delta R.T.: 0.059 min
Response: 3160945
Conc: 3.27 ng/ml



#39 AR-1262-4

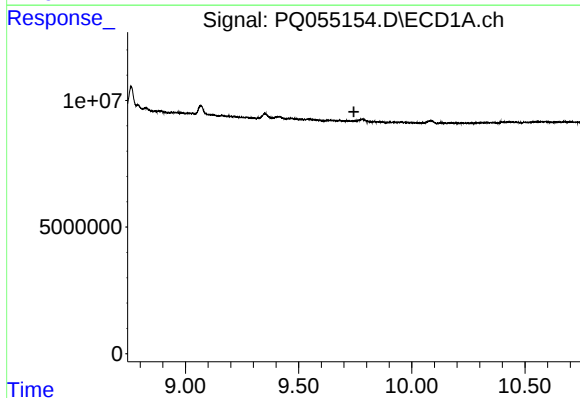
R.T.: 0.000 min
Exp R.T. : 9.842 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



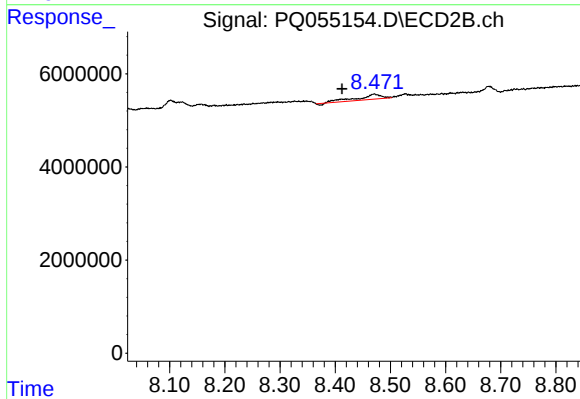
#39 AR-1262-4

R.T.: 8.471 min
Delta R.T.: -0.005 min
Response: 3160945
Conc: 1.90 ng/ml



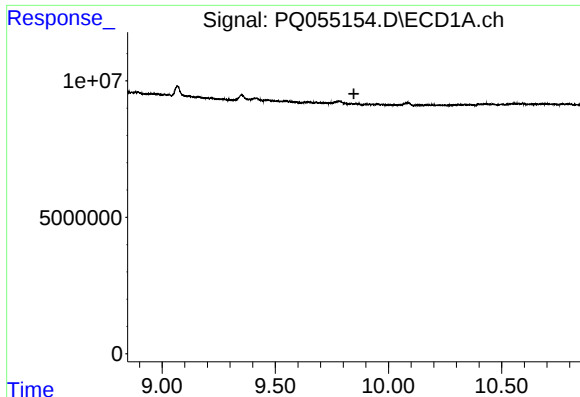
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.744 min
Response: 0
Conc: N.D.



#41 AR-1268-1

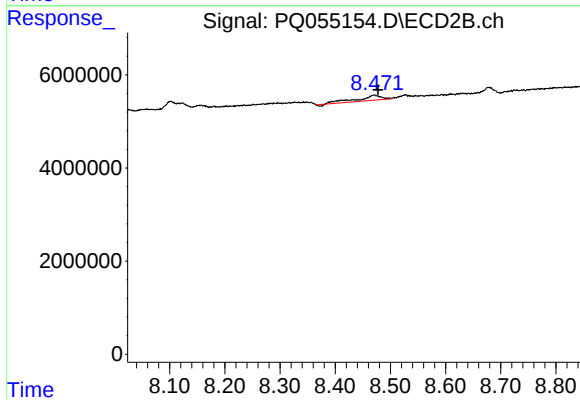
R.T.: 8.471 min
Delta R.T.: 0.059 min
Response: 3160945
Conc: 1.10 ng/ml



#42 AR-1268-2

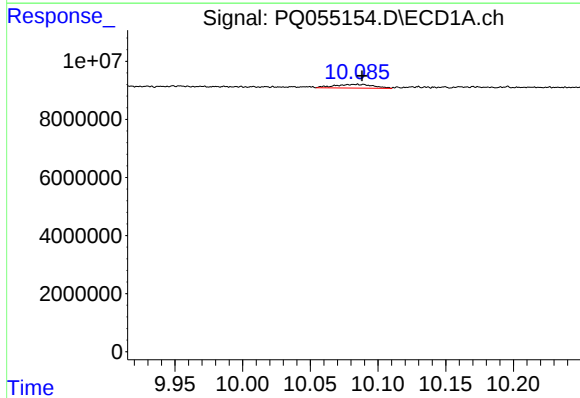
R.T.: 0.000 min
Exp R.T.: 9.847 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



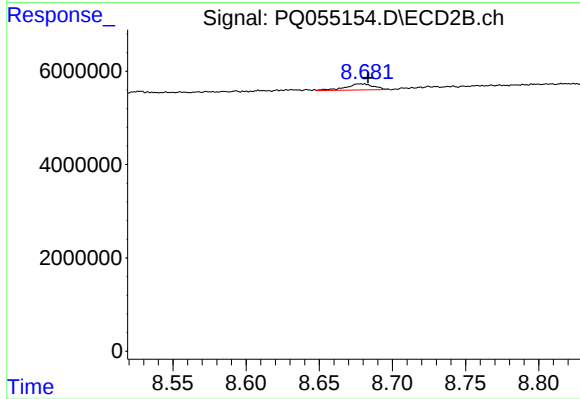
#42 AR-1268-2

R.T.: 8.471 min
Delta R.T.: -0.007 min
Response: 3160945
Conc: 1.28 ng/ml



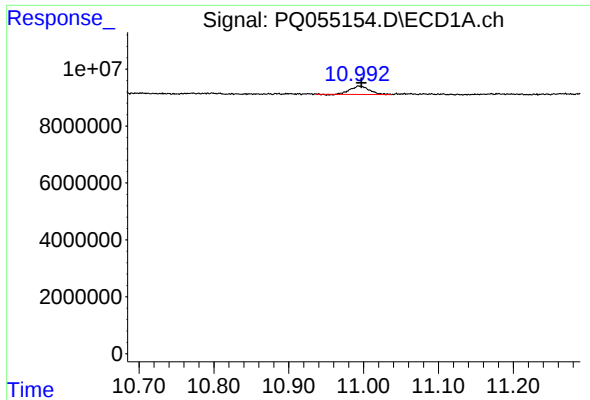
#43 AR-1268-3

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 2516457
Conc: 1.21 ng/ml



#43 AR-1268-3

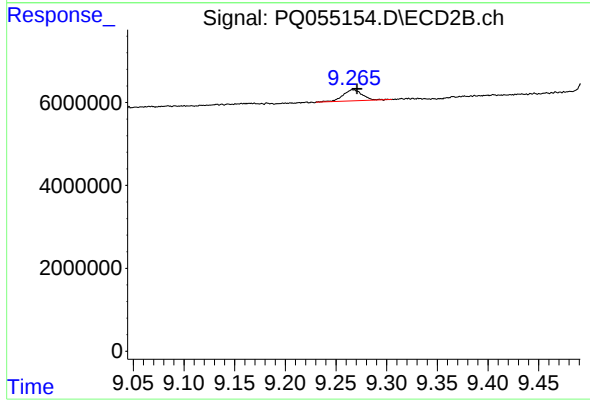
R.T.: 8.678 min
Delta R.T.: -0.005 min
Response: 1776713
Conc: 0.83 ng/ml



#45 AR-1268-5

R.T.: 10.994 min
Delta R.T.: -0.003 min
Response: 5330081
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.267 min
Delta R.T.: -0.004 min
Response: 3575677
Conc: 0.57 ng/ml