

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052821\
 Data File : PQ053722.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2021 14:51
 Operator : DD\AJ
 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: May 31 02:49:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 20 06:23:48 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...	5.218	4.233	440.9E6	230.8E6	19.444	21.426
2)	SA Decachlor...	11.404	9.567	855.2E6	549.8E6	37.995	49.789 #
Target Compounds							
3)	L1 AR-1016-1	6.543	5.490	288.5E6	160.8E6	349.618	378.341
4)	L1 AR-1016-2	6.568	5.511	451.5E6	245.2E6	354.289	390.414
5)	L1 AR-1016-3	6.634	5.704	285.7E6	127.1E6	371.447	395.387
6)	L1 AR-1016-4	6.743	5.753	228.3E6	96083066	358.742	384.004
7)	L1 AR-1016-5	7.055	5.984	210.2E6	132.0E6	354.589	404.362
8)	L2 AR-1221-1	5.464	4.489	25072629	13876419	103.360	107.786
9)	L2 AR-1221-2	5.569	4.590	32532859	19340304	197.188	216.475
10)	L2 AR-1221-3	5.656	4.679	143.3E6	83109667	244.440	266.733
11)	L3 AR-1232-1	5.656	4.679	143.3E6	83109667	300.783	327.484
12)	L3 AR-1232-2	6.247	5.511	220.5E6	245.2E6	864.306	857.032
13)	L3 AR-1232-3	6.568	5.704	451.5E6	127.1E6	800.187	887.458
14)	L3 AR-1232-4	6.743	5.799	228.3E6	119.9E6	802.557	1005.951 #
15)	L3 AR-1232-5	6.836	5.984	181.5E6	132.0E6	906.030	1007.690
16)	L4 AR-1242-1	6.543	5.490	288.5E6	160.8E6	374.384	401.137
17)	L4 AR-1242-2	6.568	5.511	451.5E6	245.2E6	374.078	409.430
18)	L4 AR-1242-3	6.634	5.704	285.7E6	127.1E6	384.012	412.952
19)	L4 AR-1242-4	6.743	5.799	228.3E6	119.9E6	375.846	412.590
20)	L4 AR-1242-5	7.524	6.363	237.5E6	164.9E6	349.557	396.535
21)	L5 AR-1248-1	6.543	5.490	288.5E6	160.8E6	560.895	611.613
22)	L5 AR-1248-2	6.836	5.753	181.5E6	96083066	238.144	257.250
23)	L5 AR-1248-3	7.055	5.799	210.2E6	119.9E6	243.603	310.107 #
24)	L5 AR-1248-4	7.485	5.984	223.6E6	132.0E6	212.876	279.865 #
25)	L5 AR-1248-5	7.524	6.407	237.5E6	137.9E6	228.755	267.988
26)	L6 AR-1254-1	7.453	6.363	160.1E6	164.9E6	112.607	145.855 #
27)	L6 AR-1254-2	7.691	6.521	186.0E6	40578766	82.668	39.888 #
28)	L6 AR-1254-3	8.065	6.942	70990956	54857393	29.955	32.779
29)	L6 AR-1254-4	8.361	7.181	60499802	46546101	32.852	40.705
30)	L6 AR-1254-5	8.787	7.610	12622307	13145386	6.985	8.114
31)	L7 AR-1260-1	8.198	7.090	43455291	29425681	44.952	44.066
32)	L7 AR-1260-2	8.491	7.274	15846249	7873922	12.526	8.399 #
33)	L7 AR-1260-3	0.000	7.429	0	6069622	N.D.	7.737 #
34)	L7 AR-1260-4	9.097	7.913	6096218	1075185	6.336	1.663 #
35)	L7 AR-1260-5	0.000	8.139	0	6602736	N.D.	3.720 #
36)	L8 AR-1262-1	0.000	7.610	0	13145386	N.D.	19.607 #
37)	L8 AR-1262-2	0.000	8.139	0	6602736	N.D.	2.321 #
38)	L8 AR-1262-3	0.000	8.475	0	33533	N.D.	0.029 #
39)	L8 AR-1262-4	0.000	8.507	0	1233542	N.D.	0.636 #
40)	L8 AR-1262-5	0.000	9.022	0	10587456	N.D.	12.506 #
41)	L9 AR-1268-1	0.000	8.475	0	33533	N.D.	0.009 #

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 Acq On : 28 May 2021 14:51
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

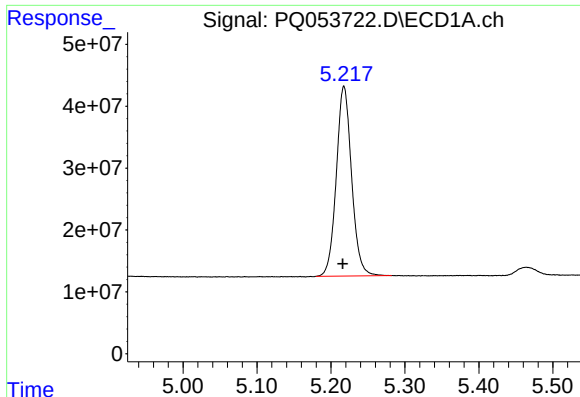
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 02:49:01 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052021CLP.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
42) L9	AR-1268-2	0.000	8.507	0	1233542	N.D.	0.396 #
43) L9	AR-1268-3	0.000	8.719	0	4752758	N.D.	1.741 #
44) L9	AR-1268-4	0.000	9.022	0	10587456	N.D.	10.056 #
45) L9	AR-1268-5	11.042	9.308	5801514	18498465	0.473	2.514 #

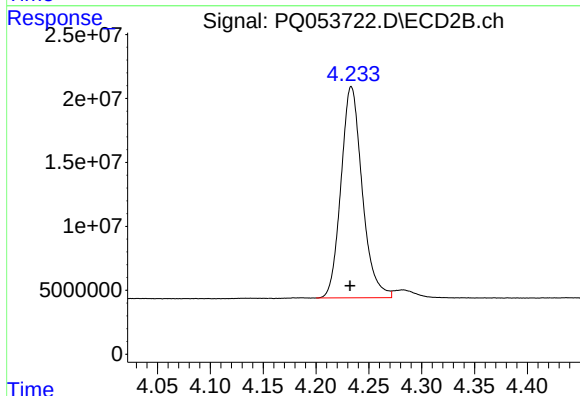
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

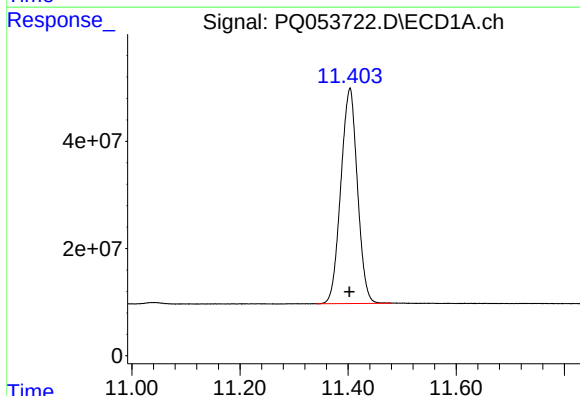
R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 440879044
Conc: 19.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



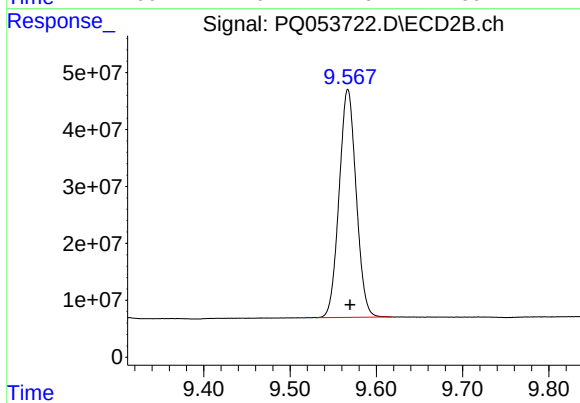
#1 Tetrachloro-m-xylene

R.T.: 4.233 min
Delta R.T.: 0.001 min
Response: 230775648
Conc: 21.43 ng/ml



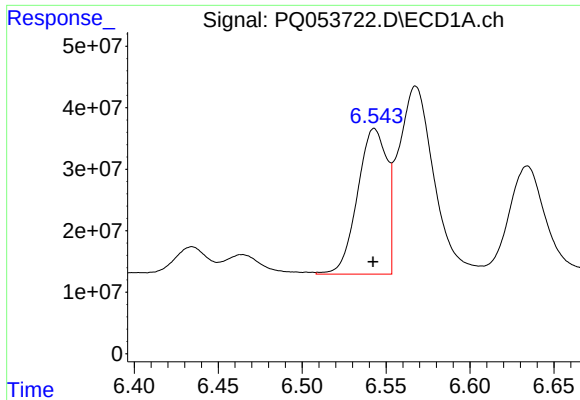
#2 Decachlorobiphenyl

R.T.: 11.404 min
Delta R.T.: 0.001 min
Response: 855218987
Conc: 37.99 ng/ml



#2 Decachlorobiphenyl

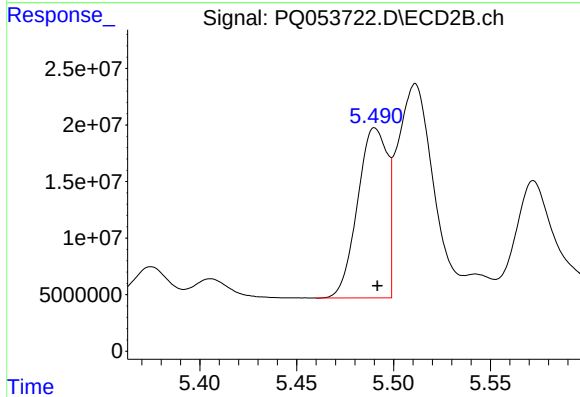
R.T.: 9.567 min
Delta R.T.: -0.002 min
Response: 549788568
Conc: 49.79 ng/ml



#3 AR-1016-1

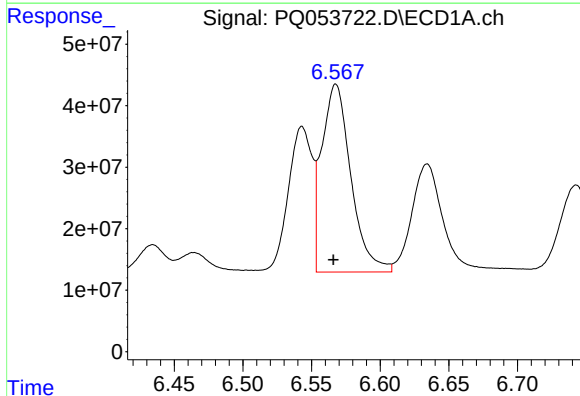
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 288512553
Conc: 349.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



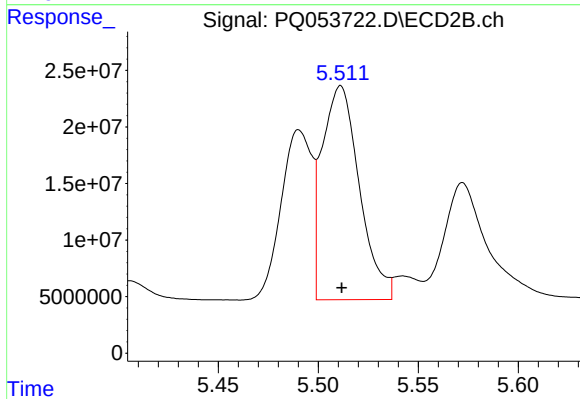
#3 AR-1016-1

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 160790992
Conc: 378.34 ng/ml



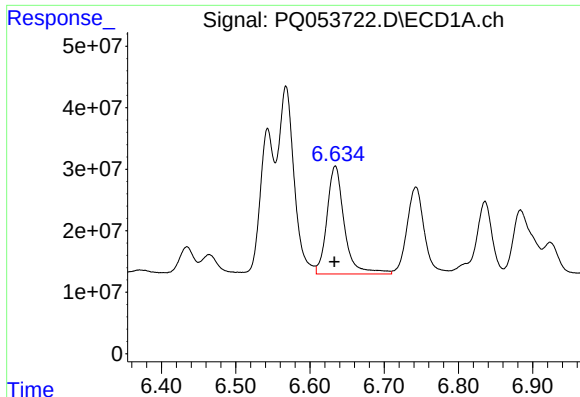
#4 AR-1016-2

R.T.: 6.568 min
Delta R.T.: 0.002 min
Response: 451454398
Conc: 354.29 ng/ml



#4 AR-1016-2

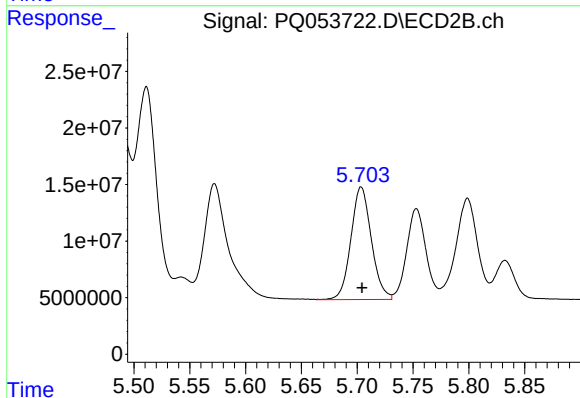
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 245247901
Conc: 390.41 ng/ml



#5 AR-1016-3

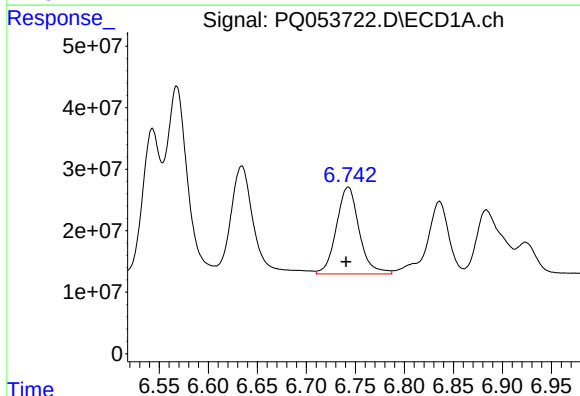
R.T.: 6.634 min
Delta R.T.: 0.001 min
Response: 285674307
Conc: 371.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



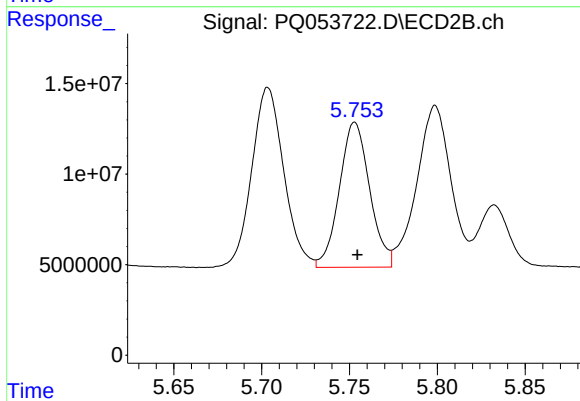
#5 AR-1016-3

R.T.: 5.704 min
Delta R.T.: 0.000 min
Response: 127052008
Conc: 395.39 ng/ml



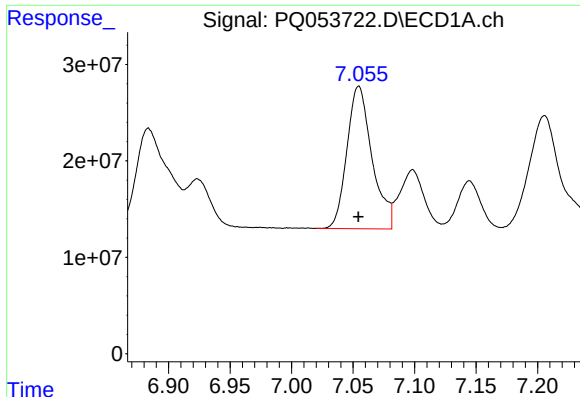
#6 AR-1016-4

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 228324669
Conc: 358.74 ng/ml



#6 AR-1016-4

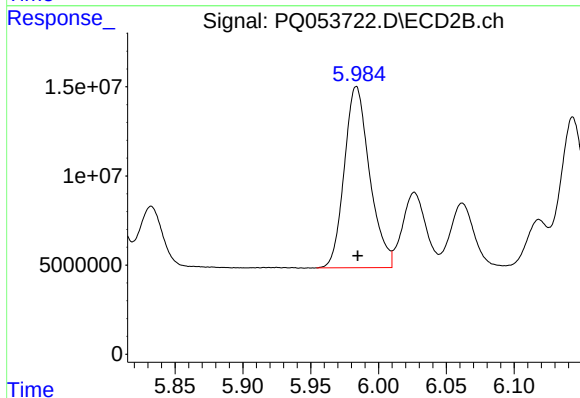
R.T.: 5.753 min
Delta R.T.: -0.001 min
Response: 96083066
Conc: 384.00 ng/ml



#7 AR-1016-5

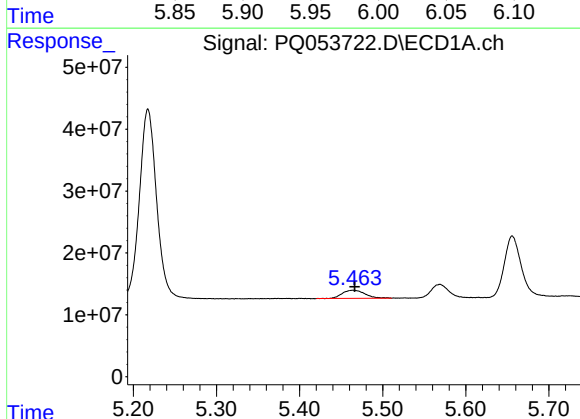
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 210164628
Conc: 354.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



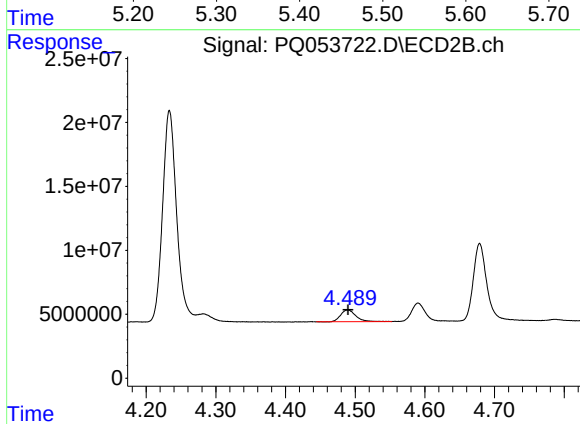
#7 AR-1016-5

R.T.: 5.984 min
Delta R.T.: -0.001 min
Response: 131981775
Conc: 404.36 ng/ml



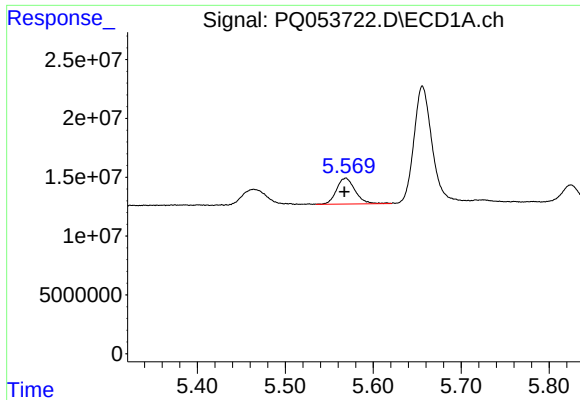
#8 AR-1221-1

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 25072629
Conc: 103.36 ng/ml



#8 AR-1221-1

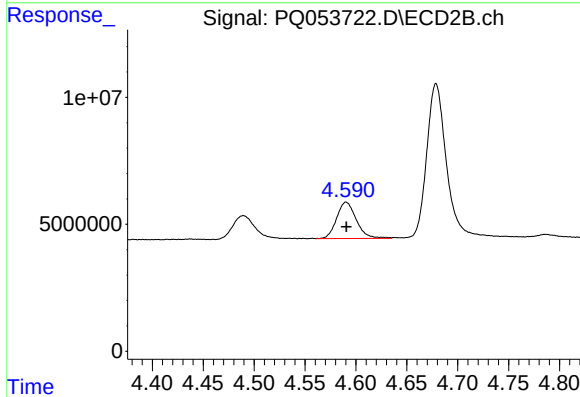
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 13876419
Conc: 107.79 ng/ml



#9 AR-1221-2

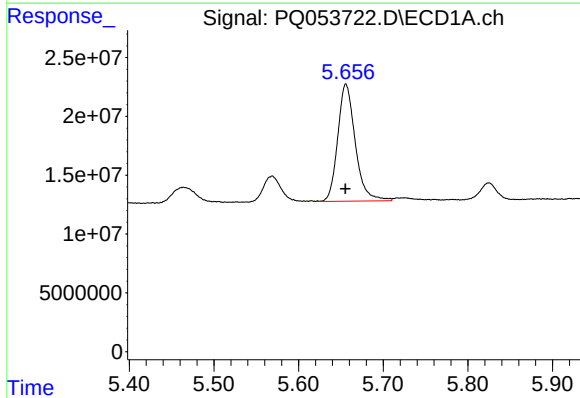
R.T.: 5.569 min
Delta R.T.: 0.002 min
Response: 32532859
Conc: 197.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



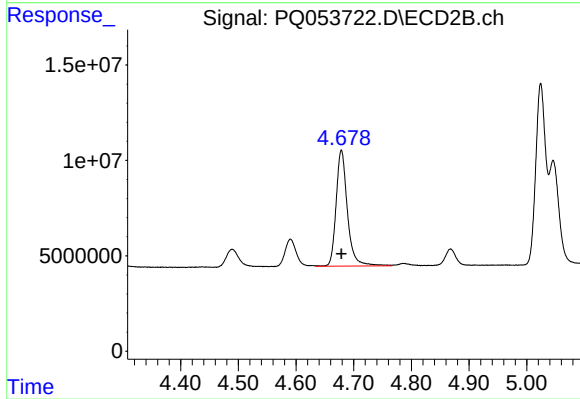
#9 AR-1221-2

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 19340304
Conc: 216.48 ng/ml



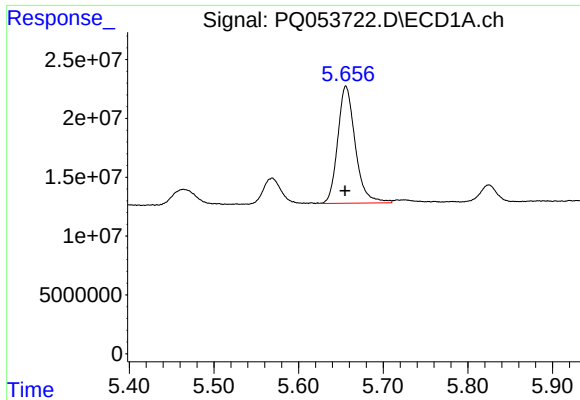
#10 AR-1221-3

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 143317885
Conc: 244.44 ng/ml



#10 AR-1221-3

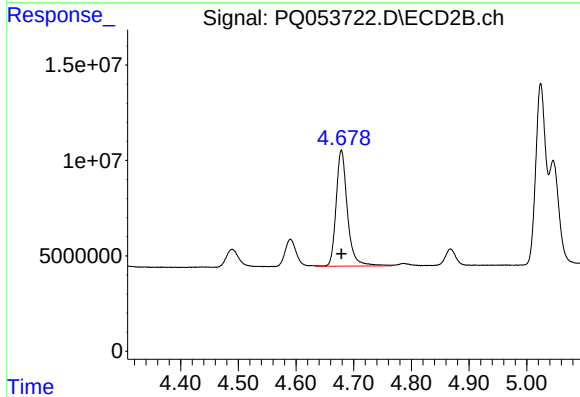
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 83109667
Conc: 266.73 ng/ml



#11 AR-1232-1

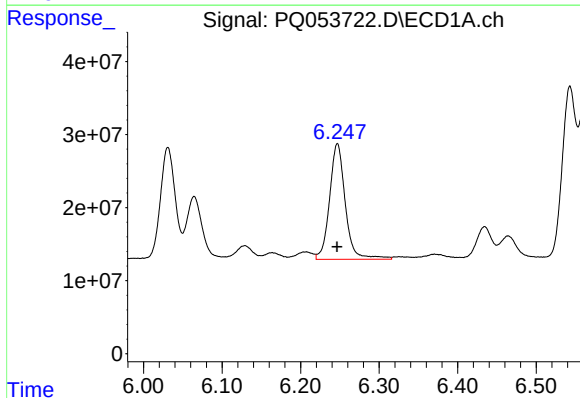
R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 143317885
Conc: 300.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



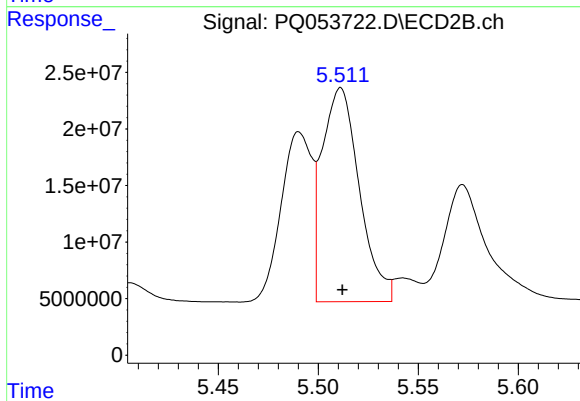
#11 AR-1232-1

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 83109667
Conc: 327.48 ng/ml



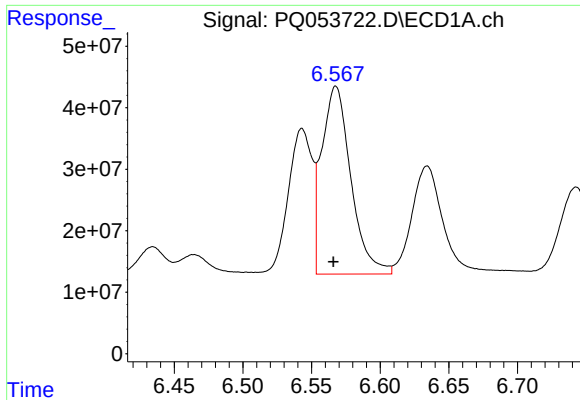
#12 AR-1232-2

R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 220506551
Conc: 864.31 ng/ml



#12 AR-1232-2

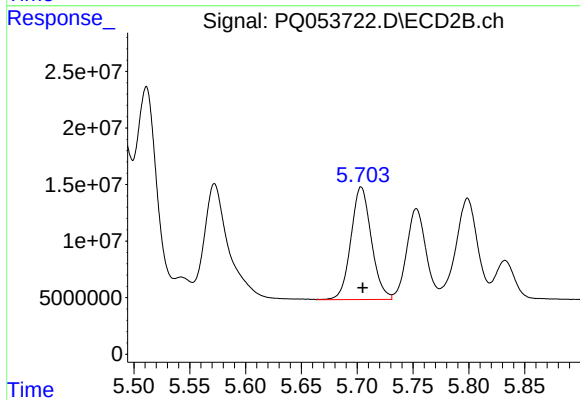
R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 245247901
Conc: 857.03 ng/ml



#13 AR-1232-3

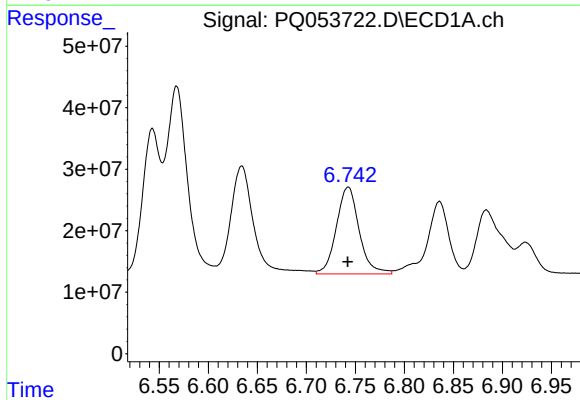
R.T.: 6.568 min
Delta R.T.: 0.002 min
Response: 451454398
Conc: 800.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



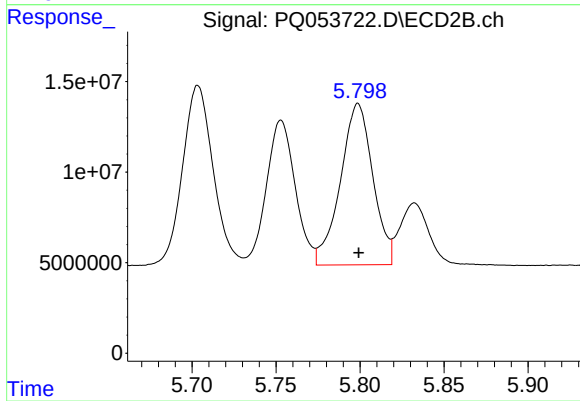
#13 AR-1232-3

R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 127052008
Conc: 887.46 ng/ml



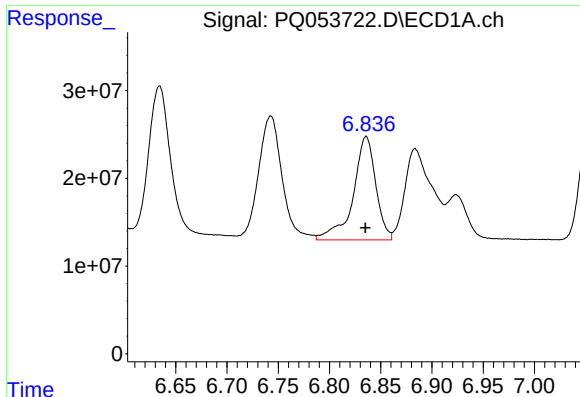
#14 AR-1232-4

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 228324669
Conc: 802.56 ng/ml



#14 AR-1232-4

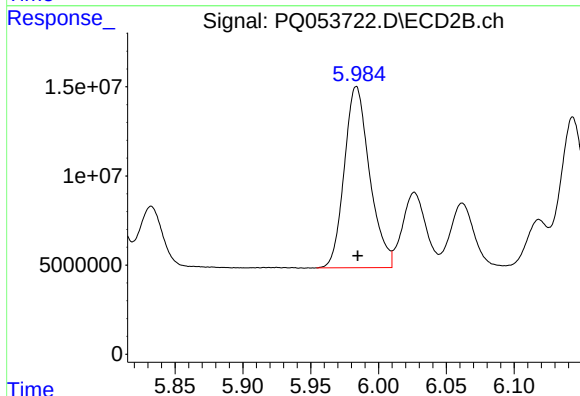
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 119880511
Conc: 1005.95 ng/ml



#15 AR-1232-5

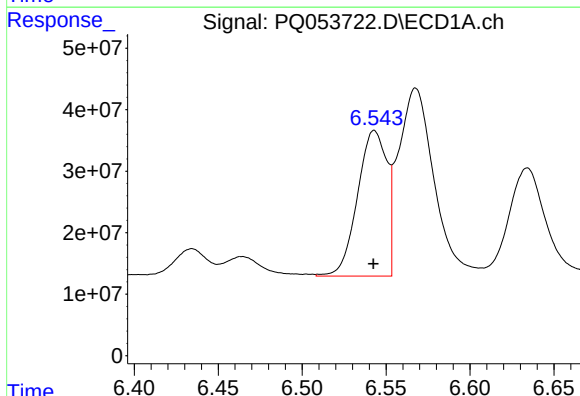
R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 181469906
Conc: 906.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



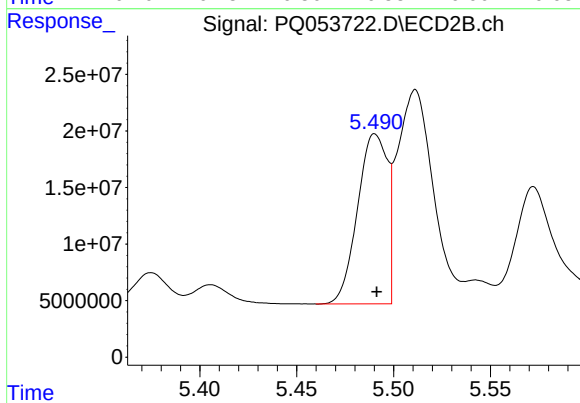
#15 AR-1232-5

R.T.: 5.984 min
Delta R.T.: -0.001 min
Response: 131981775
Conc: 1007.69 ng/ml



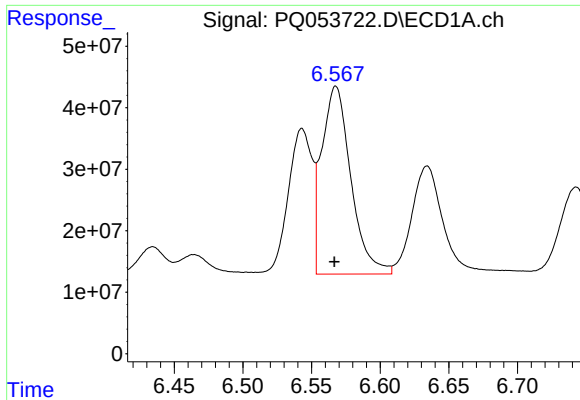
#16 AR-1242-1

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 288512553
Conc: 374.38 ng/ml



#16 AR-1242-1

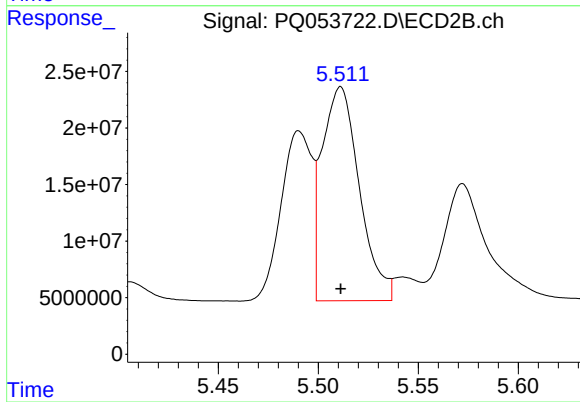
R.T.: 5.490 min
Delta R.T.: 0.000 min
Response: 160790992
Conc: 401.14 ng/ml



#17 AR-1242-2

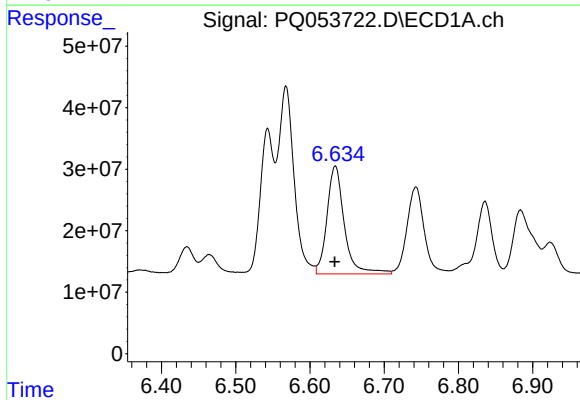
R.T.: 6.568 min
Delta R.T.: 0.001 min
Response: 451454398
Conc: 374.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



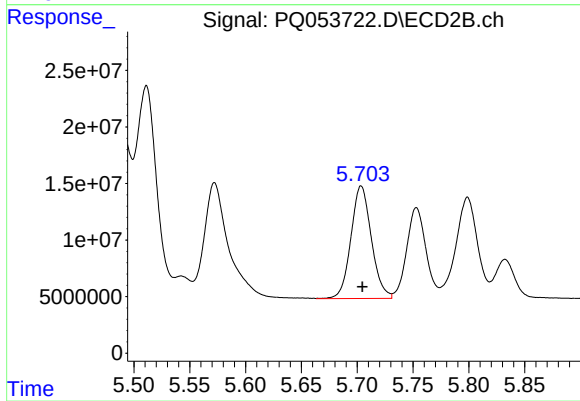
#17 AR-1242-2

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 245247901
Conc: 409.43 ng/ml



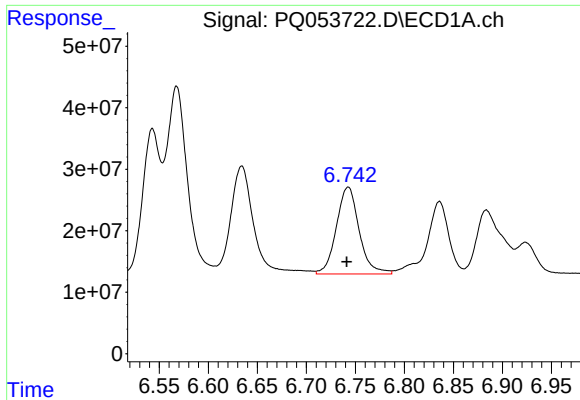
#18 AR-1242-3

R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 285674307
Conc: 384.01 ng/ml



#18 AR-1242-3

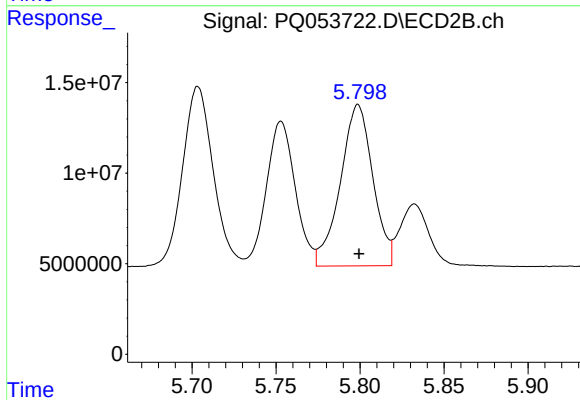
R.T.: 5.704 min
Delta R.T.: -0.001 min
Response: 127052008
Conc: 412.95 ng/ml



#19 AR-1242-4

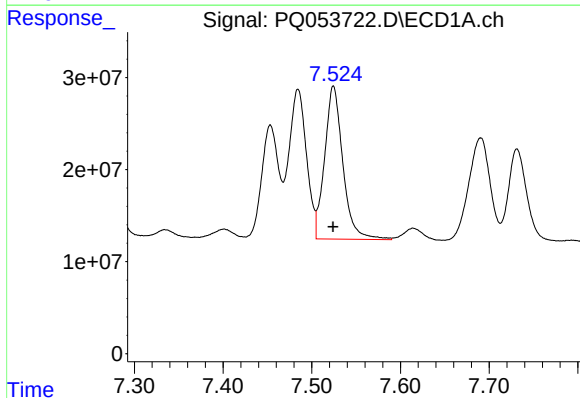
R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 228324669
Conc: 375.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



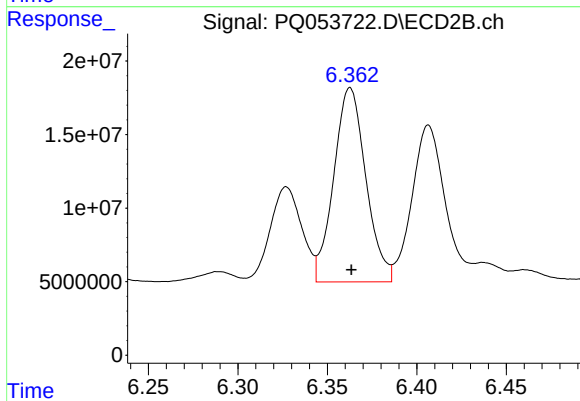
#19 AR-1242-4

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 119880511
Conc: 412.59 ng/ml



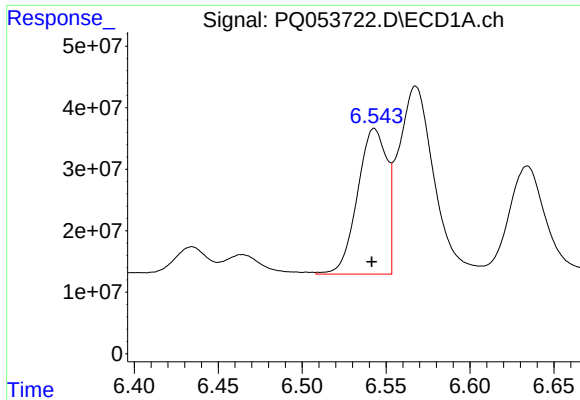
#20 AR-1242-5

R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 237455766
Conc: 349.56 ng/ml



#20 AR-1242-5

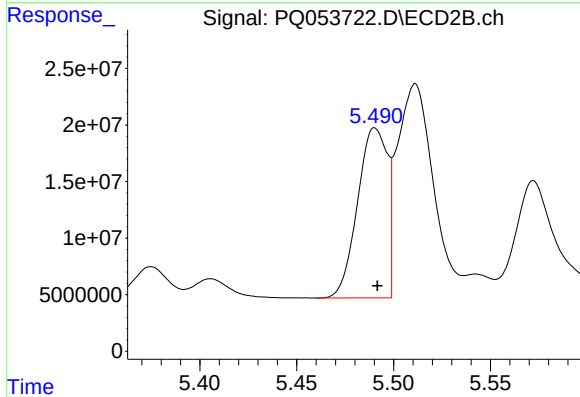
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 164942502
Conc: 396.54 ng/ml



#21 AR-1248-1

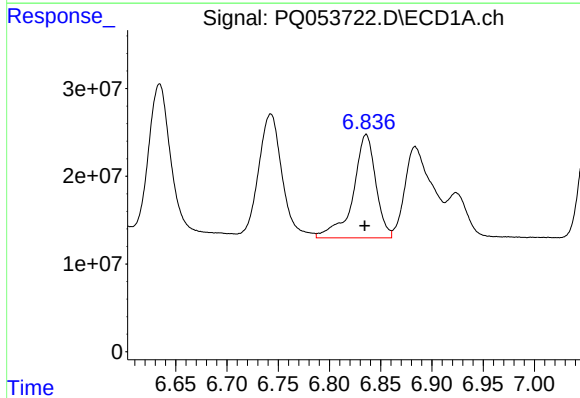
R.T.: 6.543 min
Delta R.T.: 0.002 min
Response: 288512553
Conc: 560.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



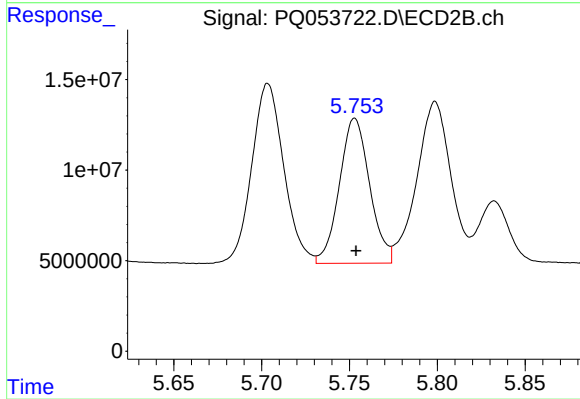
#21 AR-1248-1

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 160790992
Conc: 611.61 ng/ml



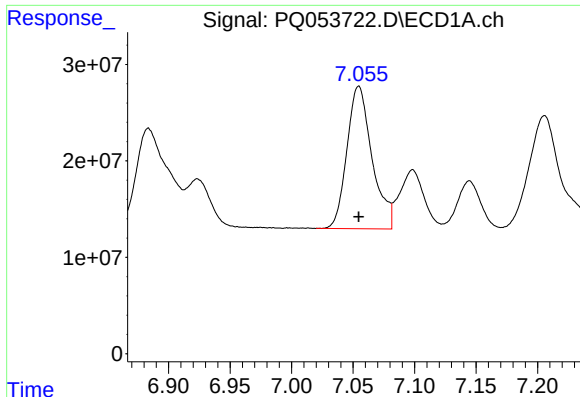
#22 AR-1248-2

R.T.: 6.836 min
Delta R.T.: 0.001 min
Response: 181469906
Conc: 238.14 ng/ml



#22 AR-1248-2

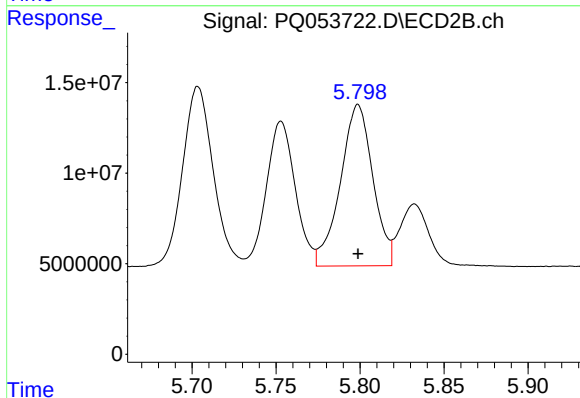
R.T.: 5.753 min
Delta R.T.: 0.000 min
Response: 96083066
Conc: 257.25 ng/ml



#23 AR-1248-3

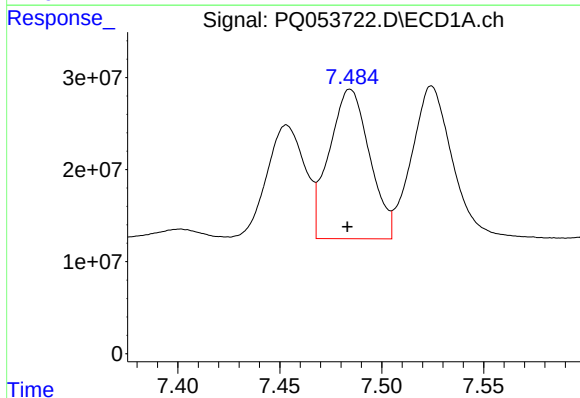
R.T.: 7.055 min
Delta R.T.: 0.000 min
Response: 210164628
Conc: 243.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



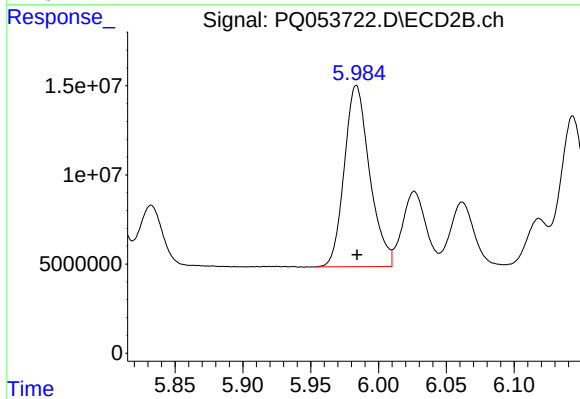
#23 AR-1248-3

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 119880511
Conc: 310.11 ng/ml



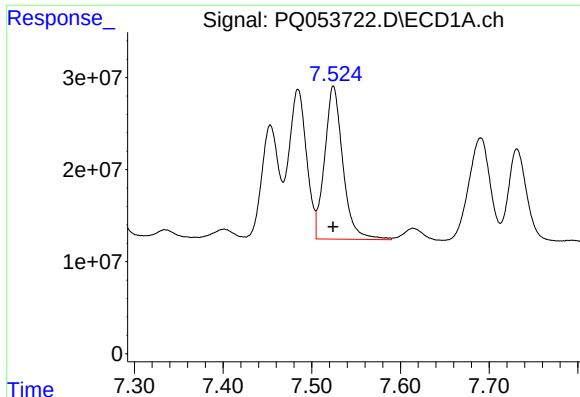
#24 AR-1248-4

R.T.: 7.485 min
Delta R.T.: 0.001 min
Response: 223604296
Conc: 212.88 ng/ml



#24 AR-1248-4

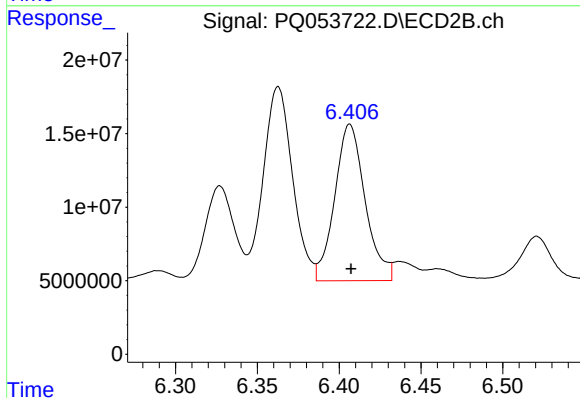
R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 131981775
Conc: 279.87 ng/ml



#25 AR-1248-5

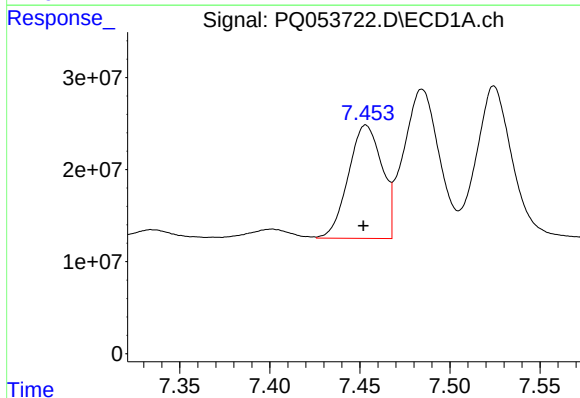
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 237455766
Conc: 228.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



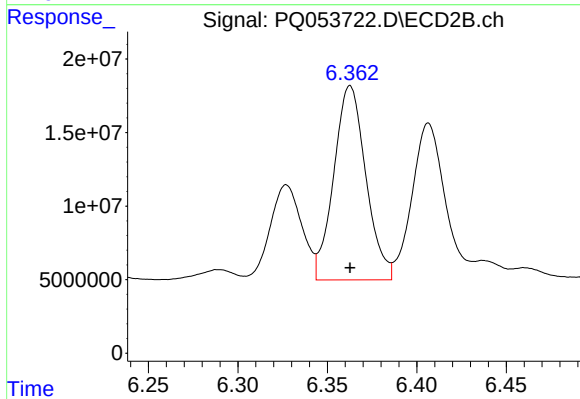
#25 AR-1248-5

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 137916805
Conc: 267.99 ng/ml



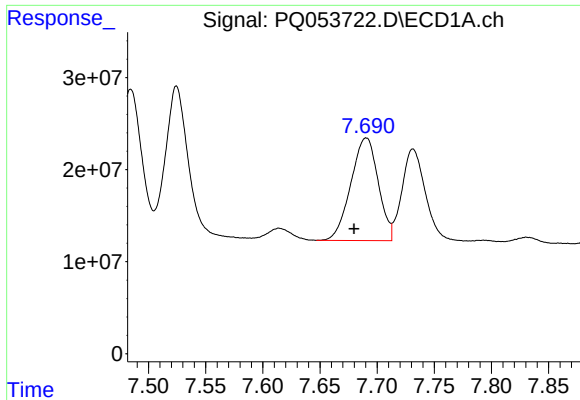
#26 AR-1254-1

R.T.: 7.453 min
Delta R.T.: 0.001 min
Response: 160057012
Conc: 112.61 ng/ml



#26 AR-1254-1

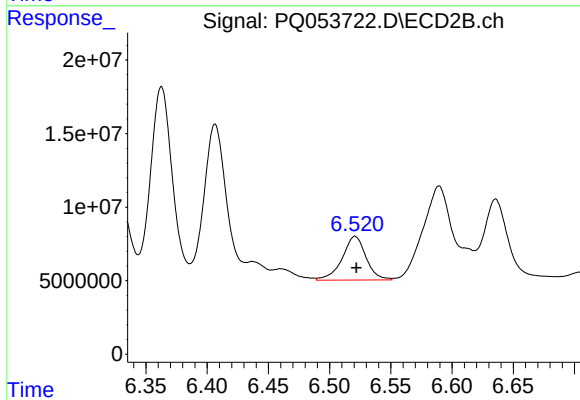
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 164942502
Conc: 145.86 ng/ml



#27 AR-1254-2

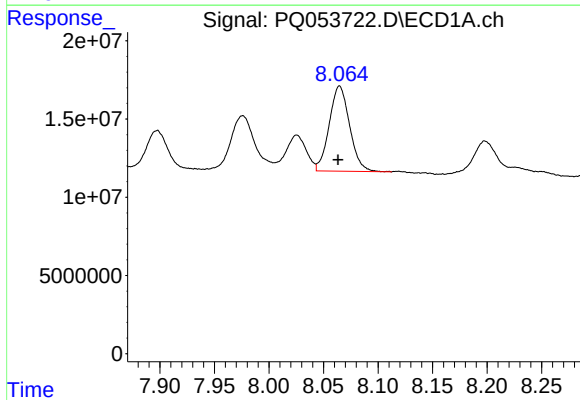
R.T.: 7.691 min
Delta R.T.: 0.011 min
Response: 185973390
Conc: 82.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



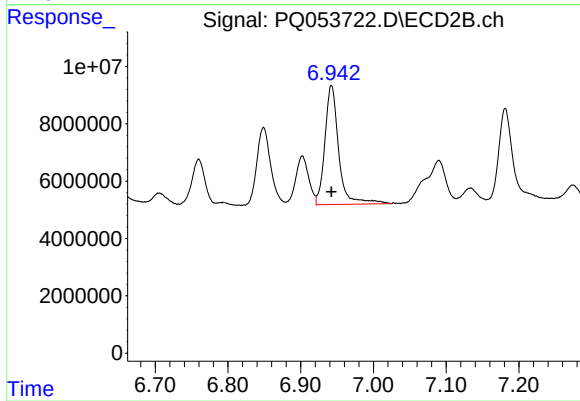
#27 AR-1254-2

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 40578766
Conc: 39.89 ng/ml



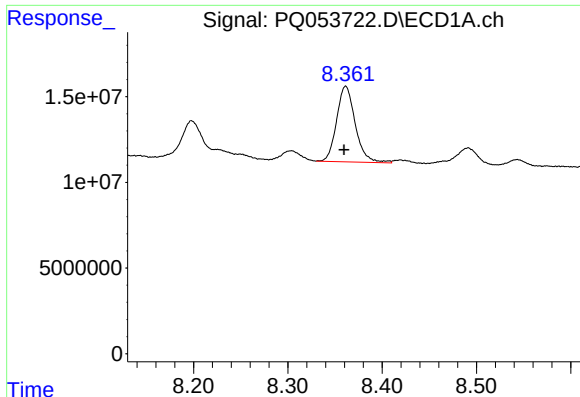
#28 AR-1254-3

R.T.: 8.065 min
Delta R.T.: 0.001 min
Response: 70990956
Conc: 29.96 ng/ml



#28 AR-1254-3

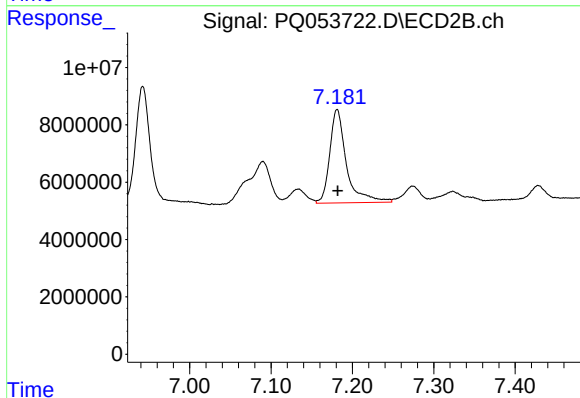
R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 54857393
Conc: 32.78 ng/ml



#29 AR-1254-4

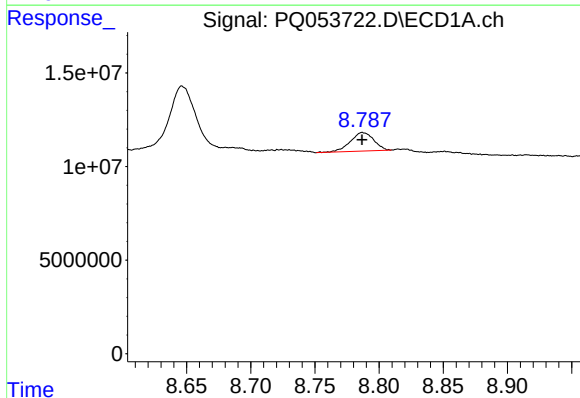
R.T.: 8.361 min
Delta R.T.: 0.002 min
Response: 60499802
Conc: 32.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



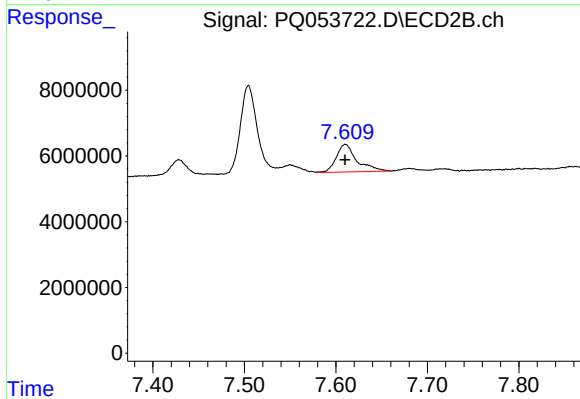
#29 AR-1254-4

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 46546101
Conc: 40.71 ng/ml



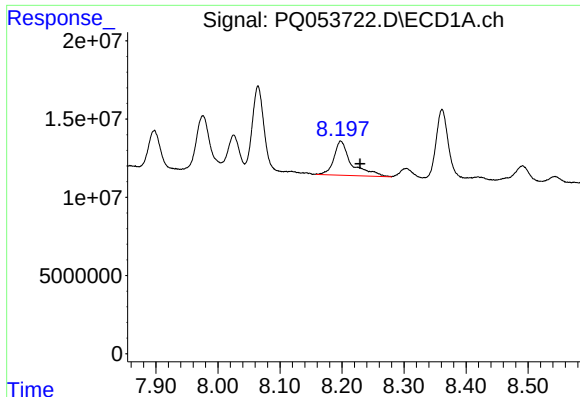
#30 AR-1254-5

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 12622307
Conc: 6.98 ng/ml



#30 AR-1254-5

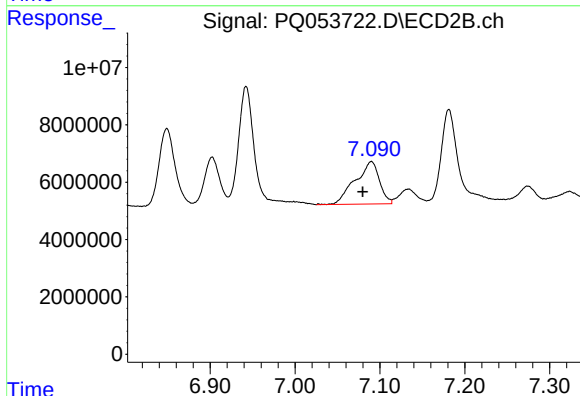
R.T.: 7.610 min
Delta R.T.: 0.000 min
Response: 13145386
Conc: 8.11 ng/ml



#31 AR-1260-1

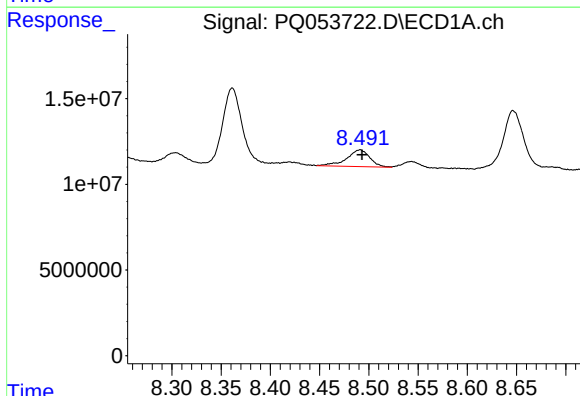
R.T.: 8.198 min
Delta R.T.: -0.031 min
Response: 43455291
Conc: 44.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



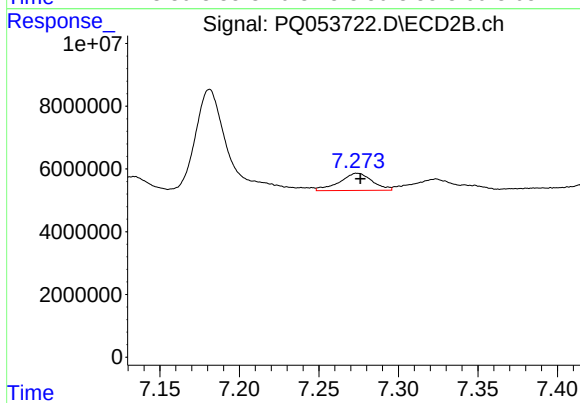
#31 AR-1260-1

R.T.: 7.090 min
Delta R.T.: 0.010 min
Response: 29425681
Conc: 44.07 ng/ml



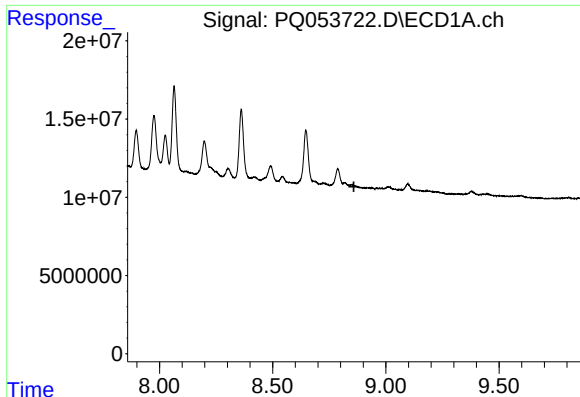
#32 AR-1260-2

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 15846249
Conc: 12.53 ng/ml



#32 AR-1260-2

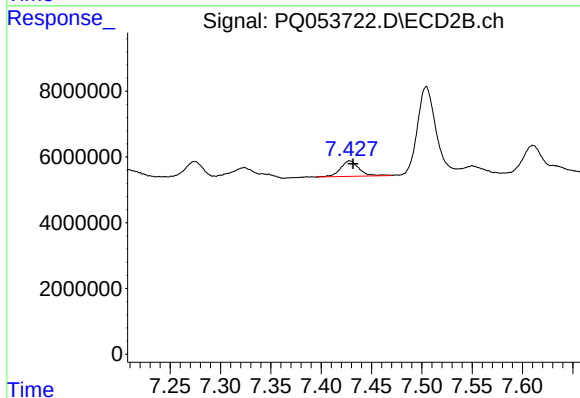
R.T.: 7.274 min
Delta R.T.: -0.002 min
Response: 7873922
Conc: 8.40 ng/ml



#33 AR-1260-3

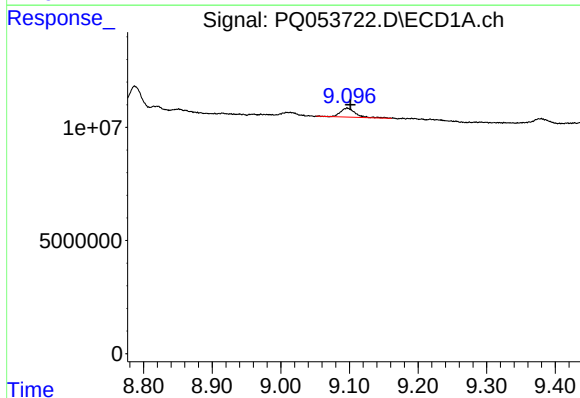
R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



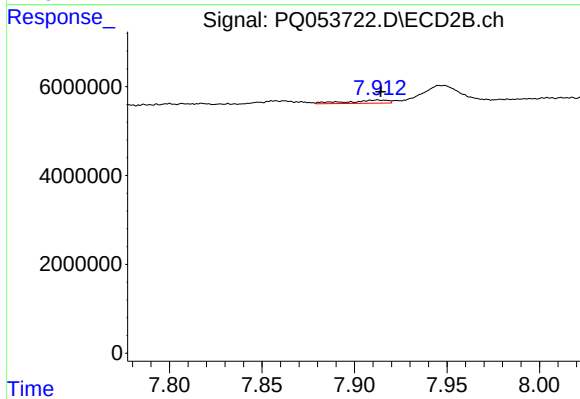
#33 AR-1260-3

R.T.: 7.429 min
Delta R.T.: -0.003 min
Response: 6069622
Conc: 7.74 ng/ml



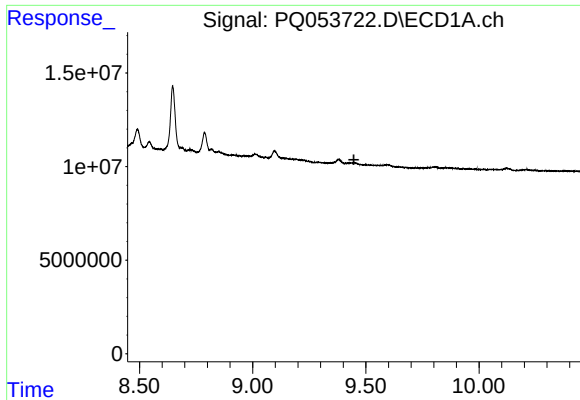
#34 AR-1260-4

R.T.: 9.097 min
Delta R.T.: -0.004 min
Response: 6096218
Conc: 6.34 ng/ml



#34 AR-1260-4

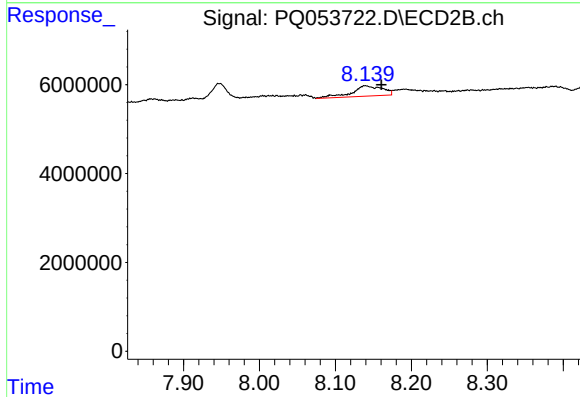
R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 1075185
Conc: 1.66 ng/ml



#35 AR-1260-5

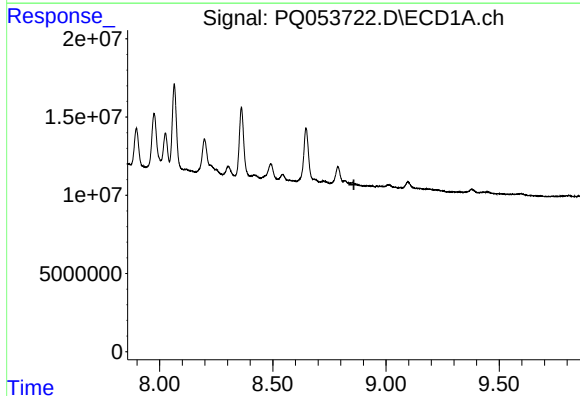
R.T.: 0.000 min
Exp R.T. : 9.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



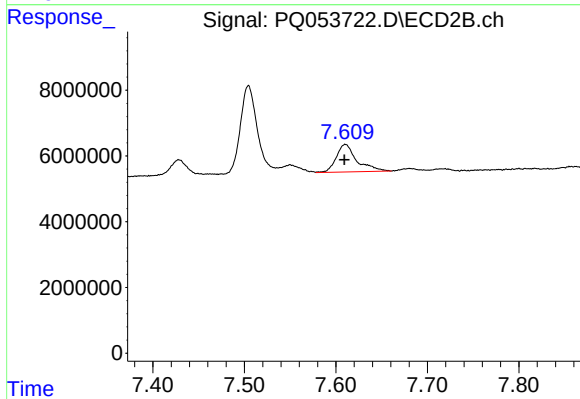
#35 AR-1260-5

R.T.: 8.139 min
Delta R.T.: -0.021 min
Response: 6602736
Conc: 3.72 ng/ml



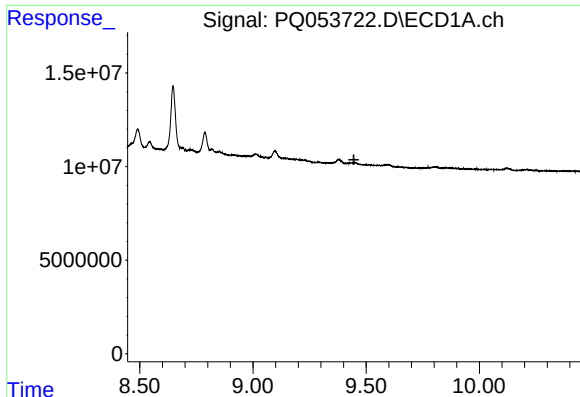
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.858 min
Response: 0
Conc: N.D.



#36 AR-1262-1

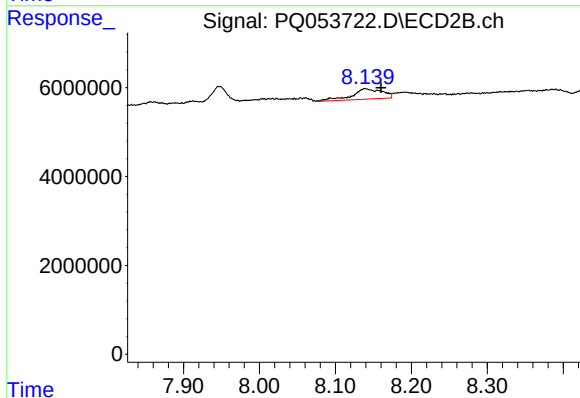
R.T.: 7.610 min
Delta R.T.: 0.001 min
Response: 13145386
Conc: 19.61 ng/ml



#37 AR-1262-2

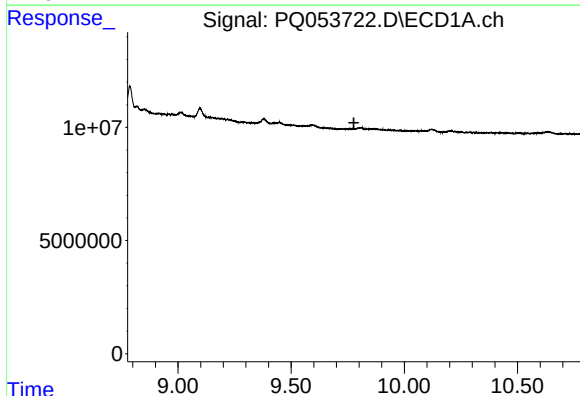
R.T.: 0.000 min
Exp R.T. : 9.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



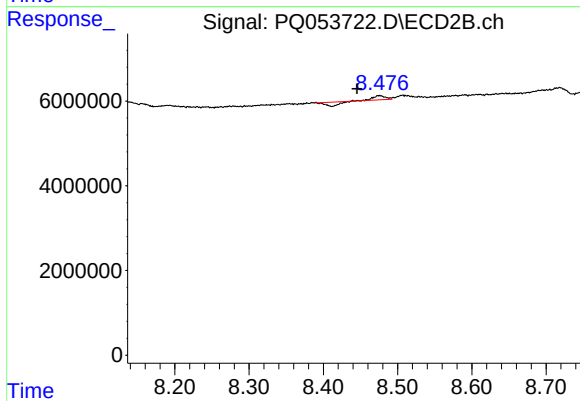
#37 AR-1262-2

R.T.: 8.139 min
Delta R.T.: -0.021 min
Response: 6602736
Conc: 2.32 ng/ml



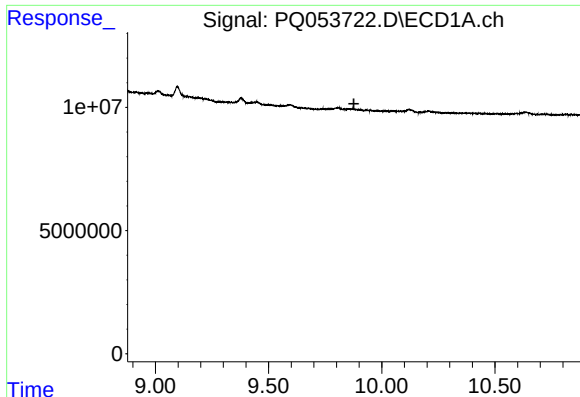
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.777 min
Response: 0
Conc: N.D.



#38 AR-1262-3

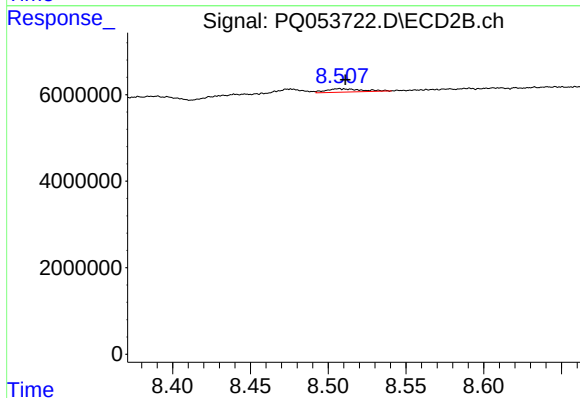
R.T.: 8.475 min
Delta R.T.: 0.030 min
Response: 33533
Conc: 0.03 ng/ml



#39 AR-1262-4

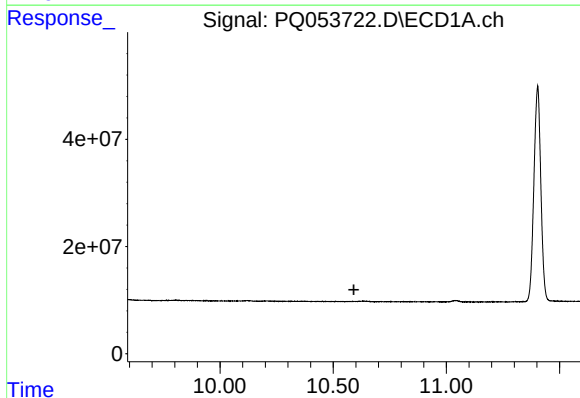
R.T.: 0.000 min
Exp R.T. : 9.877 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



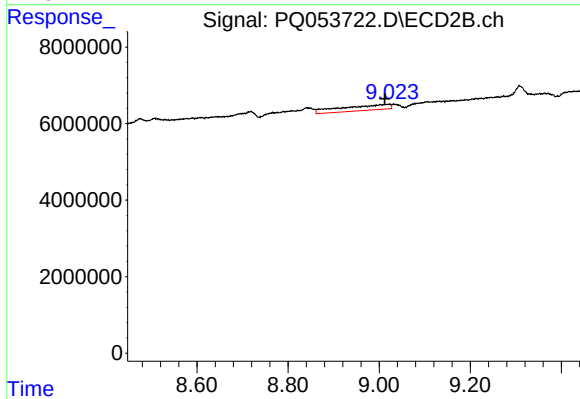
#39 AR-1262-4

R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 1233542
Conc: 0.64 ng/ml



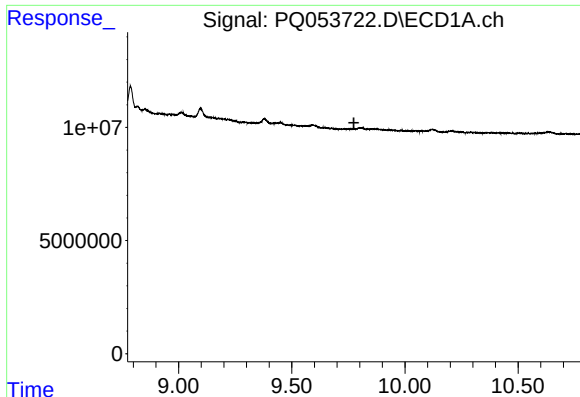
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.592 min
Response: 0
Conc: N.D.



#40 AR-1262-5

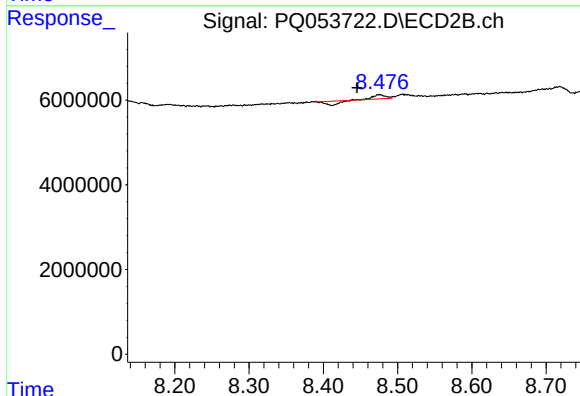
R.T.: 9.022 min
Delta R.T.: 0.010 min
Response: 10587456
Conc: 12.51 ng/ml



#41 AR-1268-1

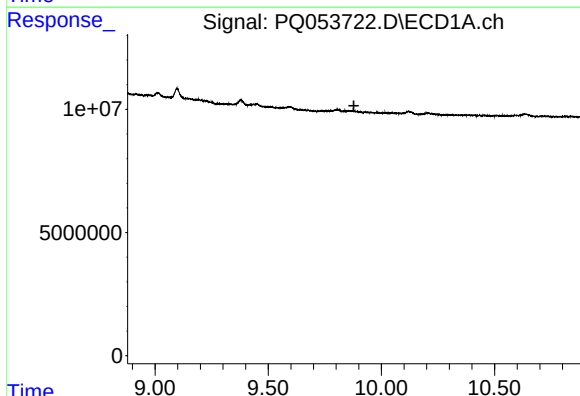
R.T.: 0.000 min
Exp R.T.: 9.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



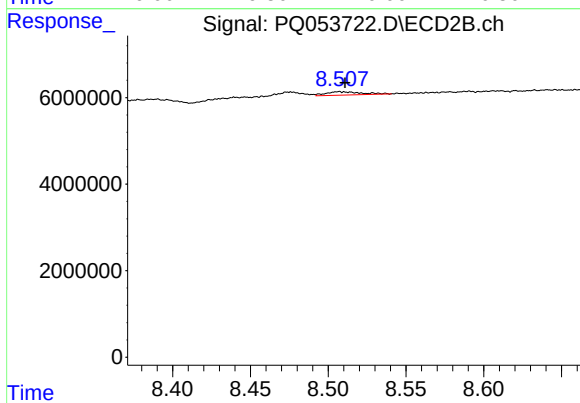
#41 AR-1268-1

R.T.: 8.475 min
Delta R.T.: 0.030 min
Response: 33533
Conc: 0.01 ng/ml



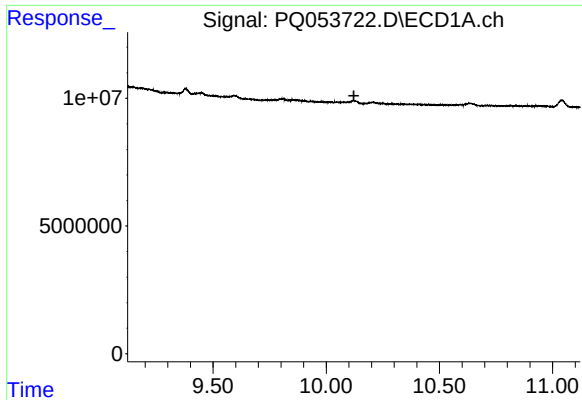
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.879 min
Response: 0
Conc: N.D.



#42 AR-1268-2

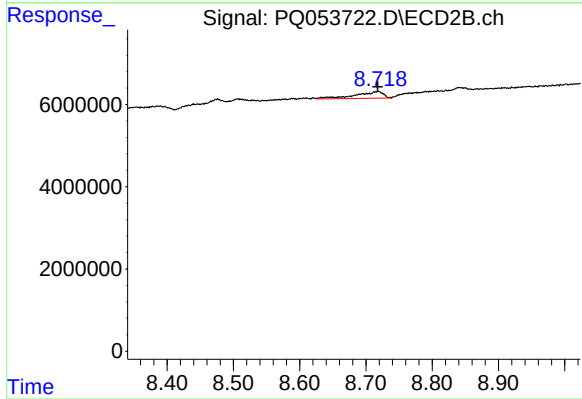
R.T.: 8.507 min
Delta R.T.: -0.004 min
Response: 1233542
Conc: 0.40 ng/ml



#43 AR-1268-3

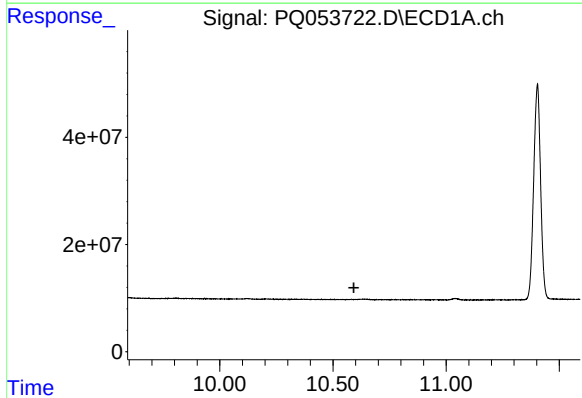
R.T.: 0.000 min
Exp R.T. : 10.122 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



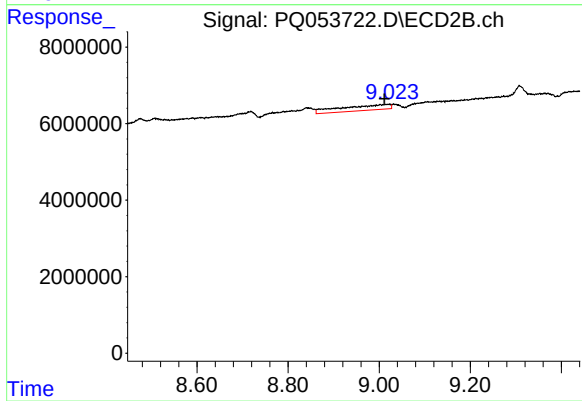
#43 AR-1268-3

R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 4752758
Conc: 1.74 ng/ml



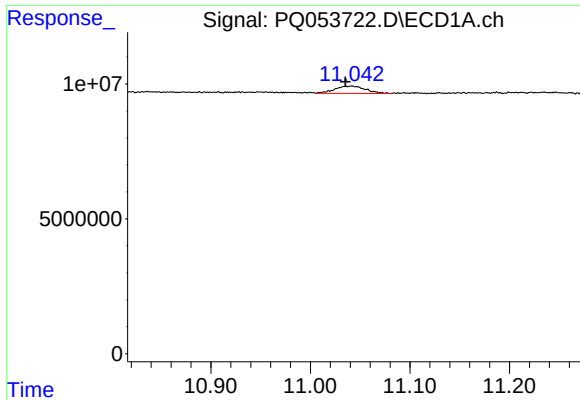
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 10.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

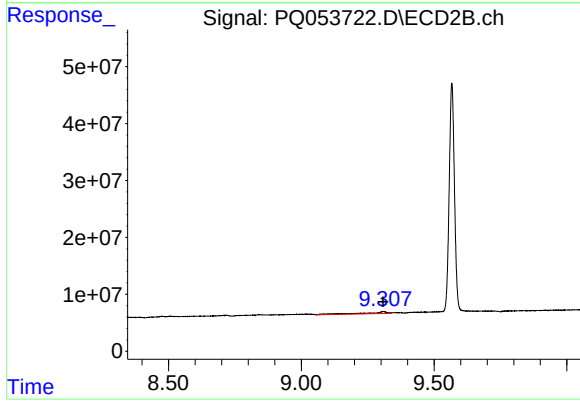
R.T.: 9.022 min
Delta R.T.: 0.011 min
Response: 10587456
Conc: 10.06 ng/ml



#45 AR-1268-5

R.T.: 11.042 min
Delta R.T.: 0.006 min
Response: 5801514
Conc: 0.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 18498465
Conc: 2.51 ng/ml