

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042121\
 Data File : PQ053101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2021 10:16
 Operator : DD\AJ
 Sample : PB135864BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:24:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 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...	5.223	4.238	479.1E6	199.1E6	17.076	17.120
2)	SA Decachlor...	11.415	9.580	1025.4E6	445.2E6	36.256	35.770
Target Compounds							
3)	L1 AR-1016-1	6.547	5.496	109.3E6	47260138	112.206	107.311
4)	L1 AR-1016-2	6.571	5.517	164.1E6	67769975	112.826	107.116
5)	L1 AR-1016-3	6.638	5.709	99308010	34920928	112.958	105.894
6)	L1 AR-1016-4	6.746	5.759	80648196	27960633	111.331	107.267
7)	L1 AR-1016-5	7.060	5.990	78359011	36162707	113.450	108.815
8)	L2 AR-1221-1	5.469	4.493	10738121	3420368	35.307	26.822
9)	L2 AR-1221-2	5.574	4.595	17201762	6766385	83.366	76.151
10)	L2 AR-1221-3	5.660	4.684	55123988	21231351	79.411	68.751
11)	L3 AR-1232-1	5.660	4.684	55123988	21231351	106.146	93.008
12)	L3 AR-1232-2	6.252	5.517	77254669	67769975	275.896	277.384
13)	L3 AR-1232-3	6.571	5.709	164.1E6	34920928	286.155	285.532
14)	L3 AR-1232-4	6.746	5.805	80648196	33503408	281.977	319.994
15)	L3 AR-1232-5	6.840	5.990	67334748	36162707	329.971	308.310
16)	L4 AR-1242-1	6.547	5.496	109.3E6	47260138	120.561	117.905
17)	L4 AR-1242-2	6.571	5.517	164.1E6	67769975	120.798	116.188
18)	L4 AR-1242-3	6.638	5.709	99308010	34920928	120.338	115.273
19)	L4 AR-1242-4	6.746	5.805	80648196	33503408	117.716	117.783
20)	L4 AR-1242-5	7.529	6.369	12751577	30442694	17.480	76.842 #
21)	L5 AR-1248-1	6.547	5.496	109.3E6	47260138	176.675	173.512
22)	L5 AR-1248-2	6.840	5.759	67334748	27960633	77.203	75.198
23)	L5 AR-1248-3	7.060	5.805	78359011	33503408	79.939	87.752
24)	L5 AR-1248-4	7.487	5.990	12866879	36162707	11.260	77.355 #
25)	L5 AR-1248-5	7.529	6.412	12751577	3917162	11.189	7.961 #
26)	L6 AR-1254-1	7.457	6.369	62166638	30442694	39.545	28.392 #
27)	L6 AR-1254-2	7.685	6.528	67154127	29994866	27.429	31.446
28)	L6 AR-1254-3	8.069	6.967	34556638	57534086	13.131	37.147 #
29)	L6 AR-1254-4	8.364	7.188	23368374	6219431	12.142	5.940 #
30)	L6 AR-1254-5	8.793	7.616	213.4E6	116.5E6	104.328	79.828
31)	L7 AR-1260-1	8.236	7.085	147.8E6	81379186	128.354	125.579
32)	L7 AR-1260-2	8.499	7.282	178.8E6	113.1E6	128.354	121.980
33)	L7 AR-1260-3	8.865	7.437	115.7E6	93923927	108.053	120.708
34)	L7 AR-1260-4	9.109	7.921	137.6E6	69791076	113.655	102.799
35)	L7 AR-1260-5	9.454	8.167	276.3E6	188.2E6	107.976	101.745
36)	L8 AR-1262-1	8.865	7.616	115.7E6	116.5E6	57.844	190.027 #
37)	L8 AR-1262-2	9.454	8.167	276.3E6	188.2E6	74.448	74.079
38)	L8 AR-1262-3	9.789	8.454	54503828	36417058	21.718	35.847 #
39)	L8 AR-1262-4	9.869	8.518	107.1E6	121.6E6	53.593	70.588 #
40)	L8 AR-1262-5	10.602	9.023	77124717	36714261	54.414	47.167
41)	L9 AR-1268-1	9.789	8.454	54503828	36417058	12.250	12.435

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 Acq On : 21 Apr 2021 10:16
 Operator : DD\AJ
 Sample : PB135864BS
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

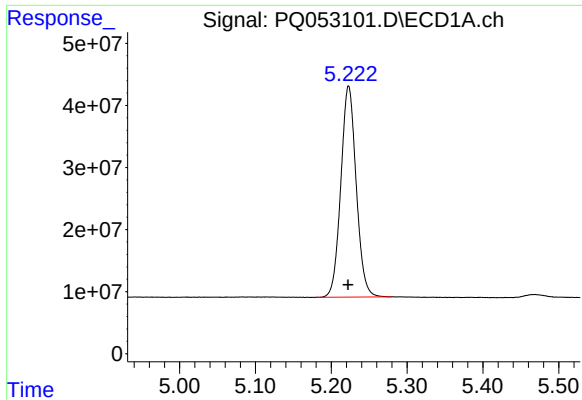
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 07:24:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	9.869	8.518	107.1E6	121.6E6	24.981	48.844 #
43) L9	AR-1268-3	10.132	8.728	7389245	3704307	1.943	1.709
44) L9	AR-1268-4	10.602	9.023	77124717	36714261	50.101	43.040
45) L9	AR-1268-5	11.049	9.320	32846003	12616301	2.550	2.034

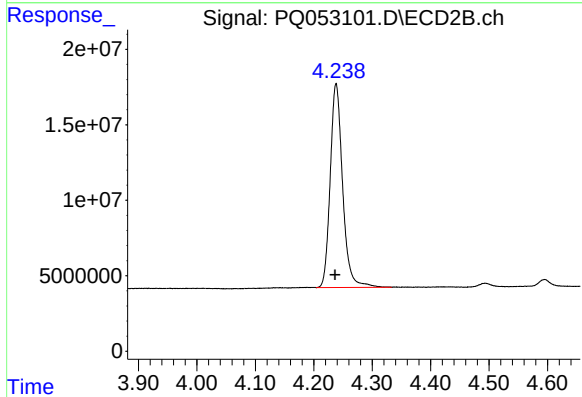
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

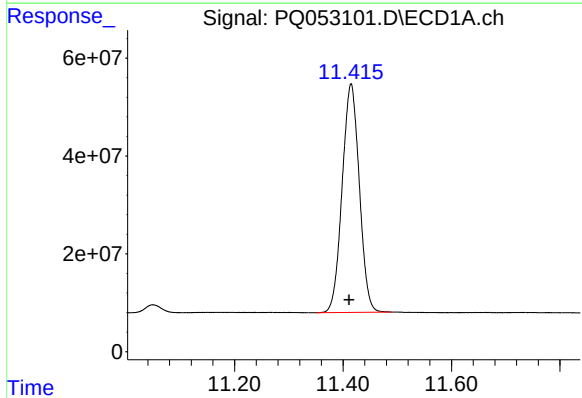
R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 479140650
Conc: 17.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



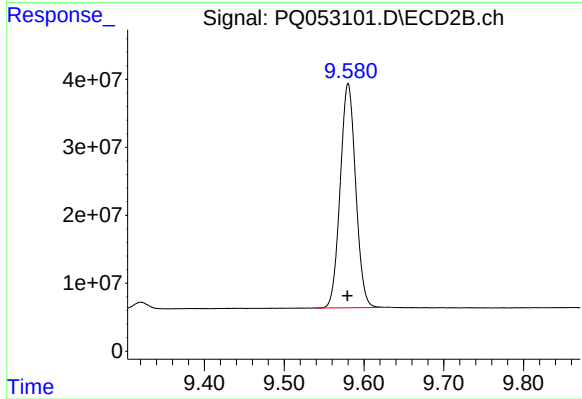
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 199079375
Conc: 17.12 ng/ml



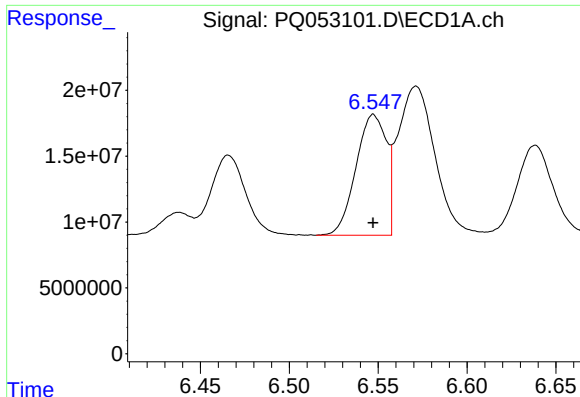
#2 Decachlorobiphenyl

R.T.: 11.415 min
Delta R.T.: 0.003 min
Response: 1025385839
Conc: 36.26 ng/ml



#2 Decachlorobiphenyl

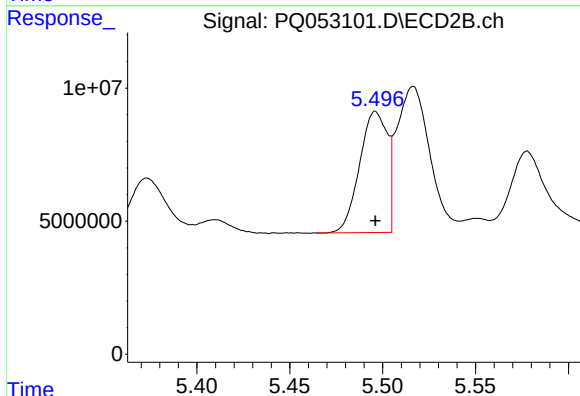
R.T.: 9.580 min
Delta R.T.: 0.000 min
Response: 445200916
Conc: 35.77 ng/ml



#3 AR-1016-1

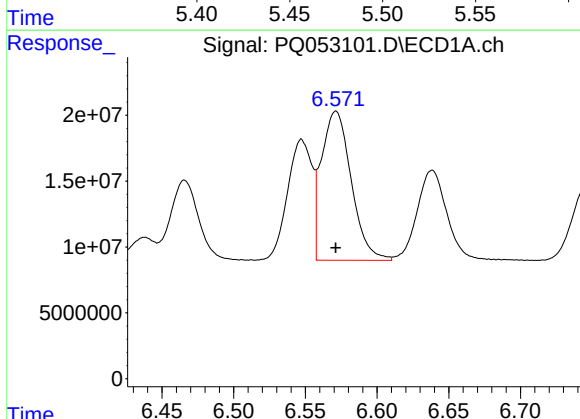
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 109322083
Conc: 112.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



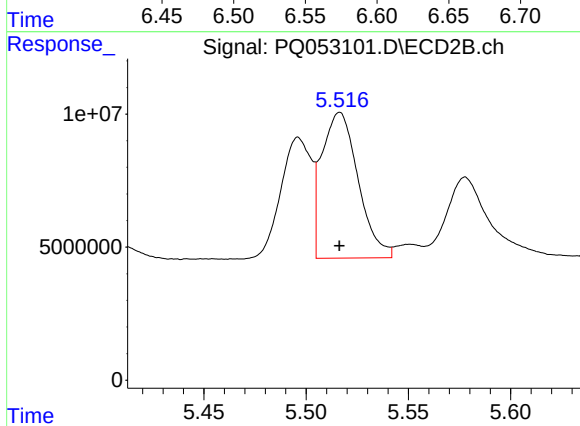
#3 AR-1016-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 47260138
Conc: 107.31 ng/ml



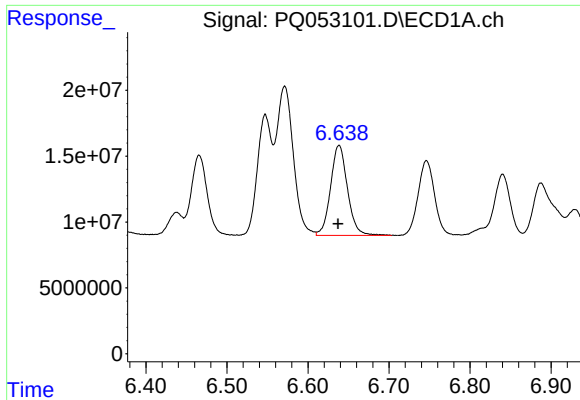
#4 AR-1016-2

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 164059824
Conc: 112.83 ng/ml



#4 AR-1016-2

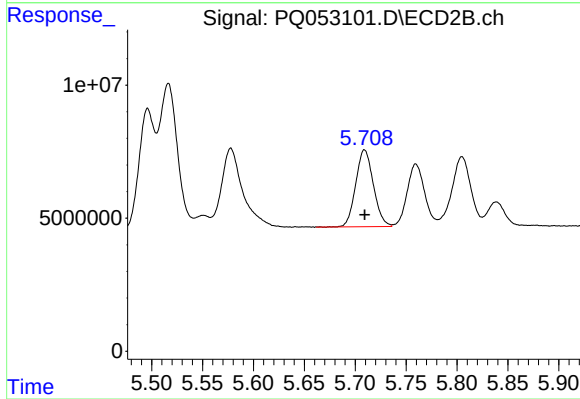
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 67769975
Conc: 107.12 ng/ml



#5 AR-1016-3

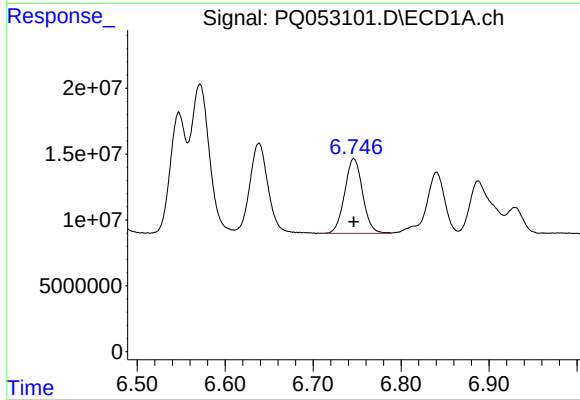
R.T.: 6.638 min
Delta R.T.: 0.001 min
Response: 99308010
Conc: 112.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



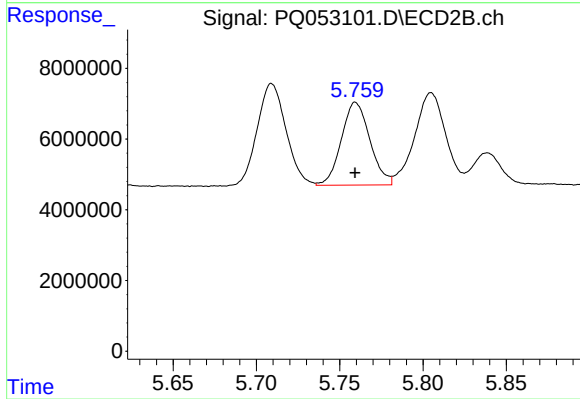
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 34920928
Conc: 105.89 ng/ml



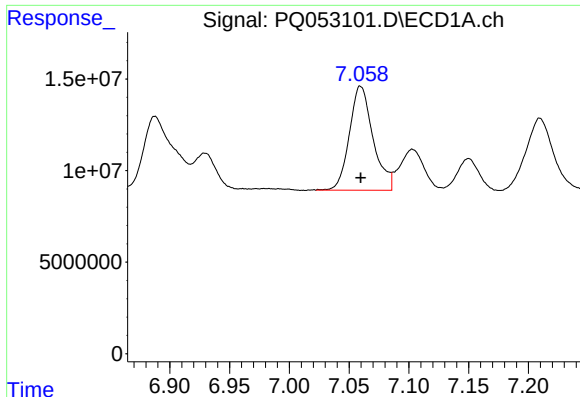
#6 AR-1016-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 80648196
Conc: 111.33 ng/ml



#6 AR-1016-4

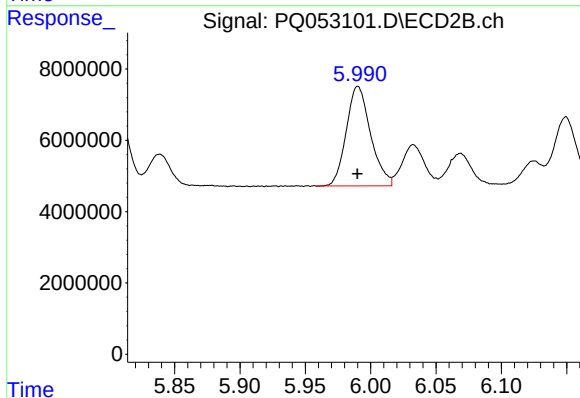
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 27960633
Conc: 107.27 ng/ml



#7 AR-1016-5

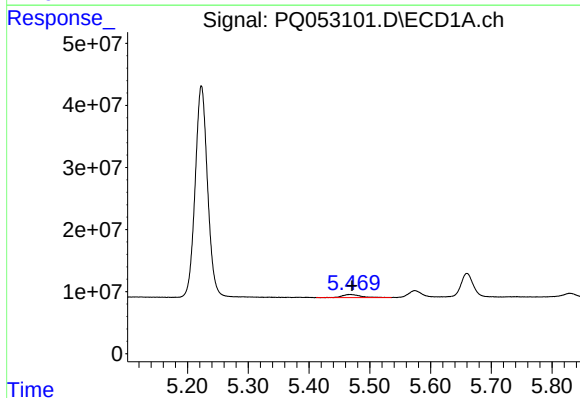
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 78359011
Conc: 113.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



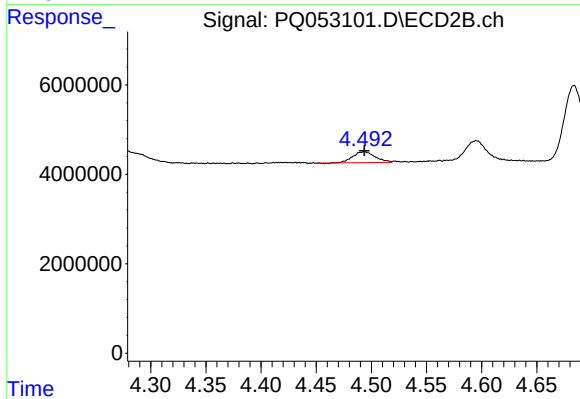
#7 AR-1016-5

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 36162707
Conc: 108.82 ng/ml



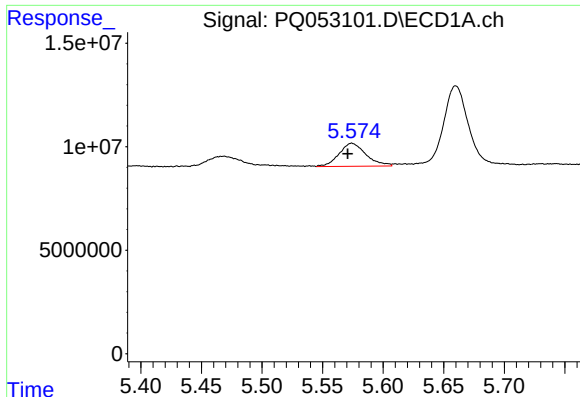
#8 AR-1221-1

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 10738121
Conc: 35.31 ng/ml



#8 AR-1221-1

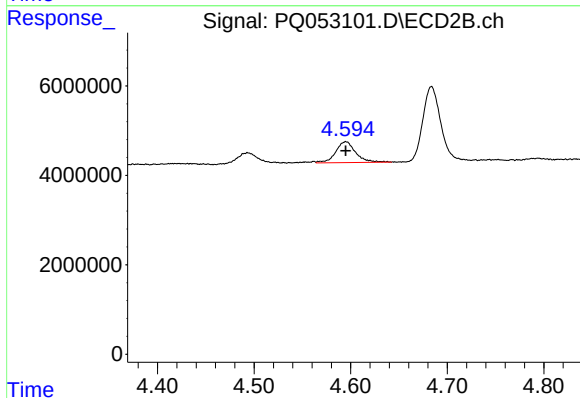
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 3420368
Conc: 26.82 ng/ml



#9 AR-1221-2

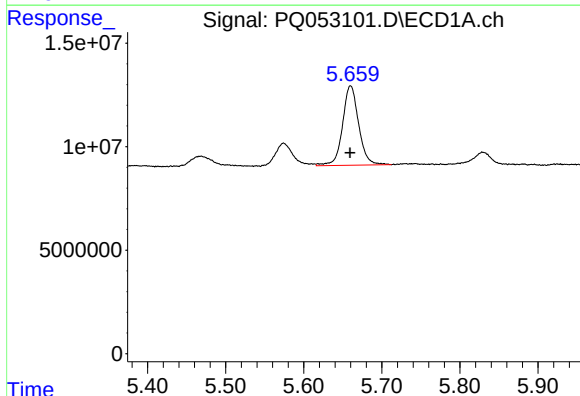
R.T.: 5.574 min
Delta R.T.: 0.003 min
Response: 17201762
Conc: 83.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



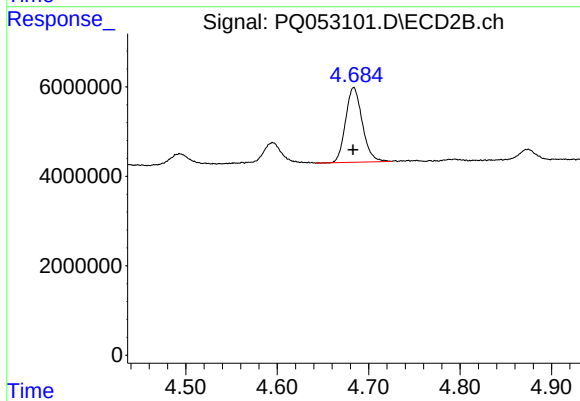
#9 AR-1221-2

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 6766385
Conc: 76.15 ng/ml



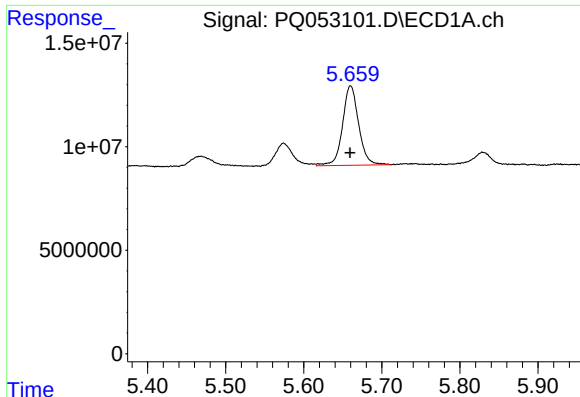
#10 AR-1221-3

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 55123988
Conc: 79.41 ng/ml



#10 AR-1221-3

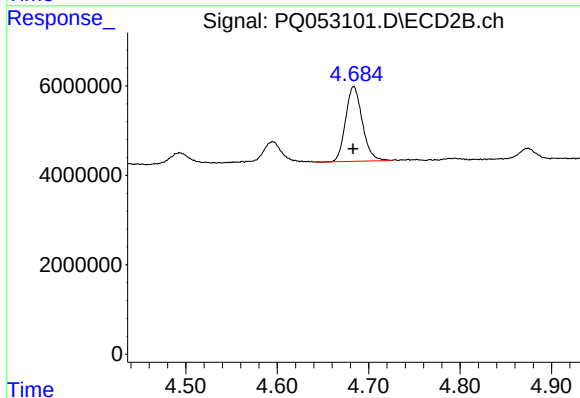
R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 21231351
Conc: 68.75 ng/ml



#11 AR-1232-1

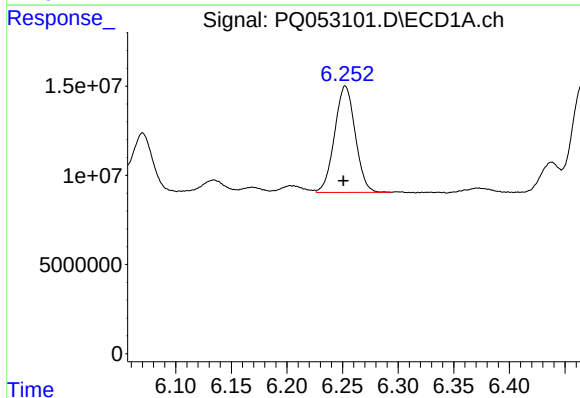
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 55123988
Conc: 106.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



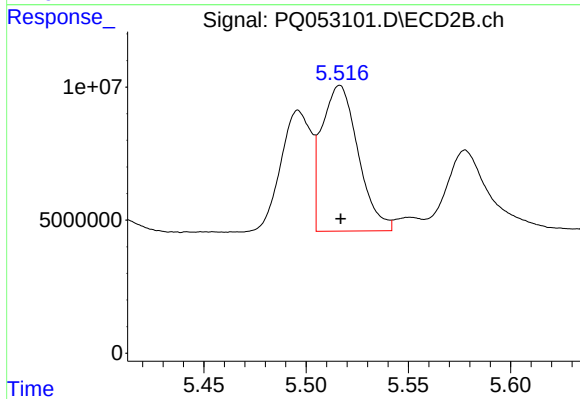
#11 AR-1232-1

R.T.: 4.684 min
Delta R.T.: 0.000 min
Response: 21231351
Conc: 93.01 ng/ml



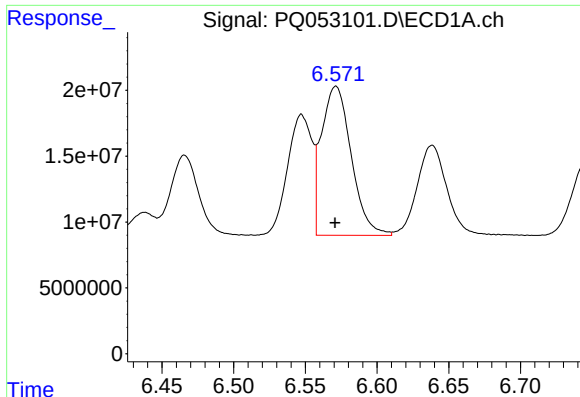
#12 AR-1232-2

R.T.: 6.252 min
Delta R.T.: 0.002 min
Response: 77254669
Conc: 275.90 ng/ml



#12 AR-1232-2

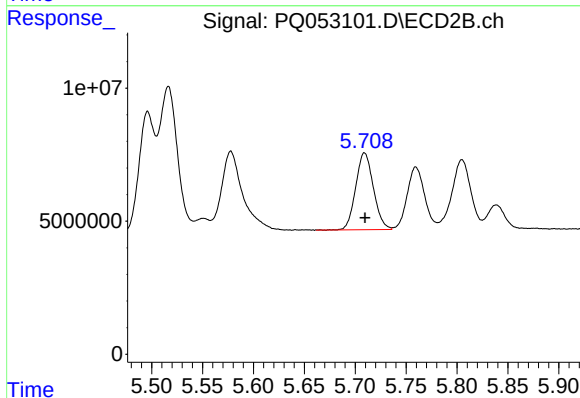
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 67769975
Conc: 277.38 ng/ml



#13 AR-1232-3

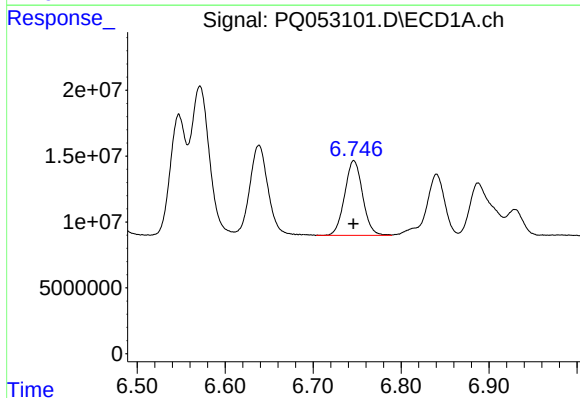
R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 164059824
Conc: 286.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



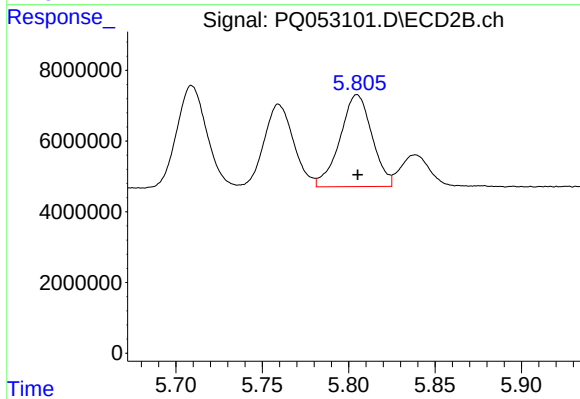
#13 AR-1232-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 34920928
Conc: 285.53 ng/ml



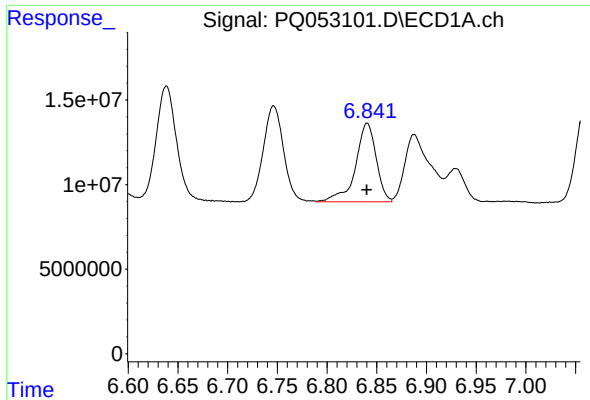
#14 AR-1232-4

R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 80648196
Conc: 281.98 ng/ml



#14 AR-1232-4

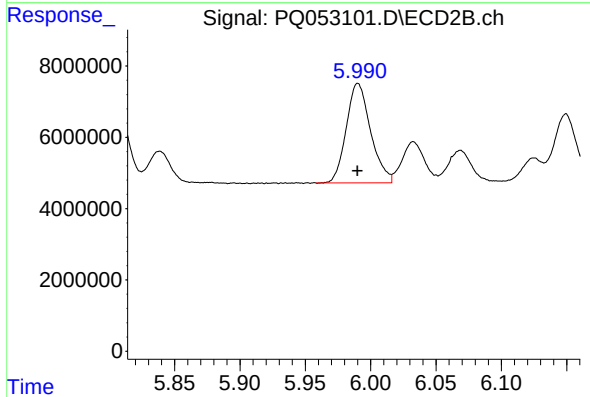
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 33503408
Conc: 319.99 ng/ml



#15 AR-1232-5

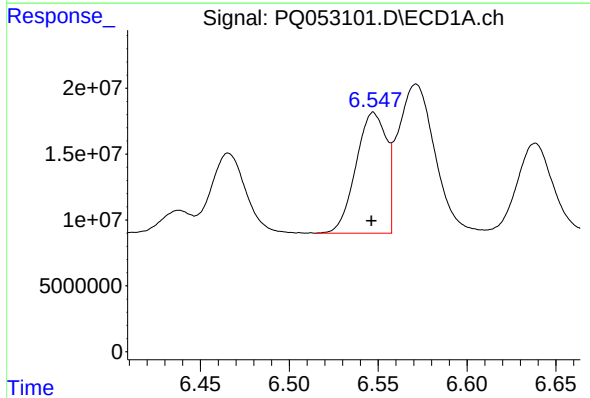
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 67334748
Conc: 329.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



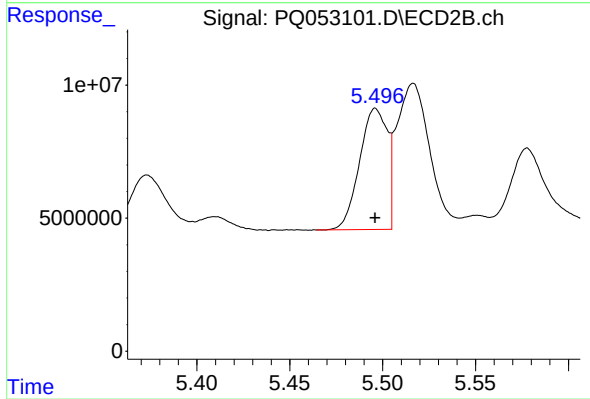
#15 AR-1232-5

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 36162707
Conc: 308.31 ng/ml



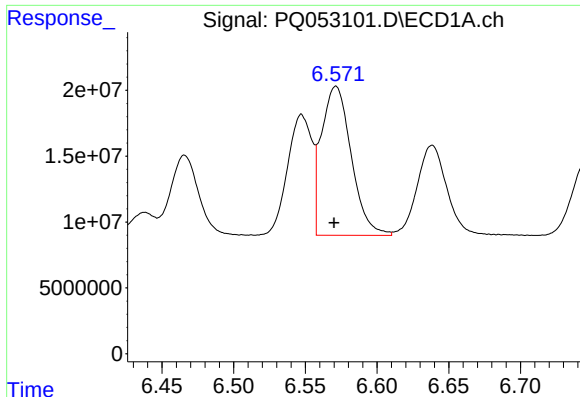
#16 AR-1242-1

R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 109322083
Conc: 120.56 ng/ml



#16 AR-1242-1

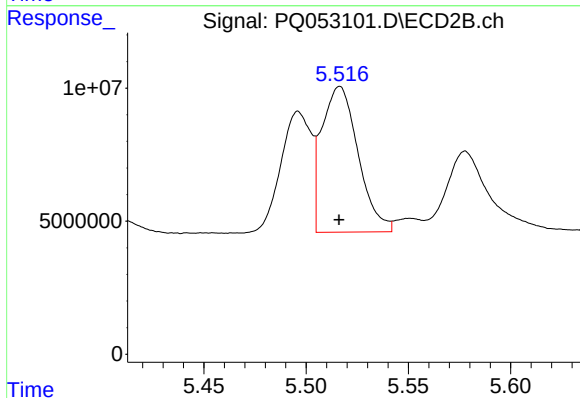
R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 47260138
Conc: 117.90 ng/ml



#17 AR-1242-2

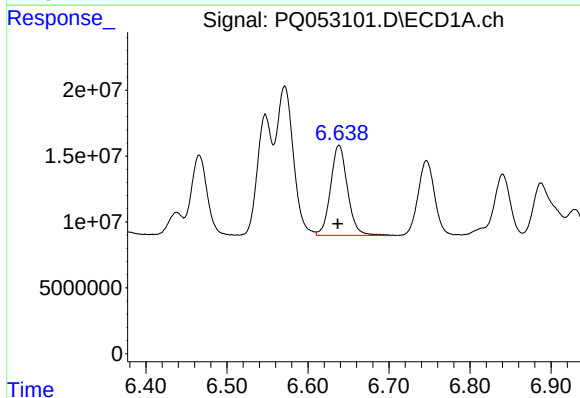
R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 164059824
Conc: 120.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



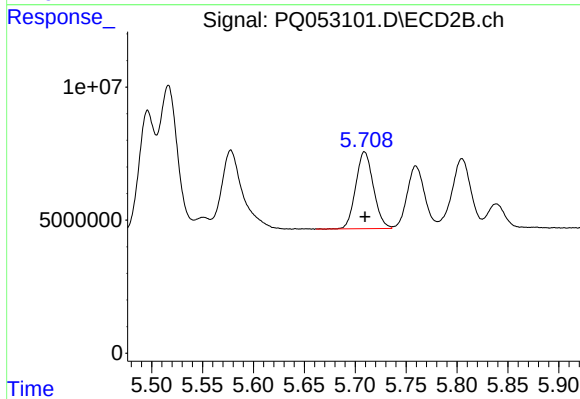
#17 AR-1242-2

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 67769975
Conc: 116.19 ng/ml



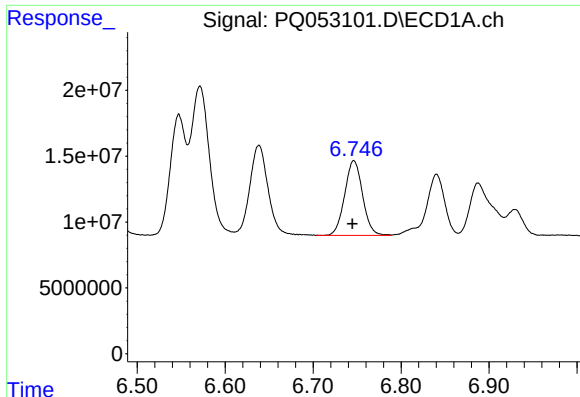
#18 AR-1242-3

R.T.: 6.638 min
Delta R.T.: 0.001 min
Response: 99308010
Conc: 120.34 ng/ml



#18 AR-1242-3

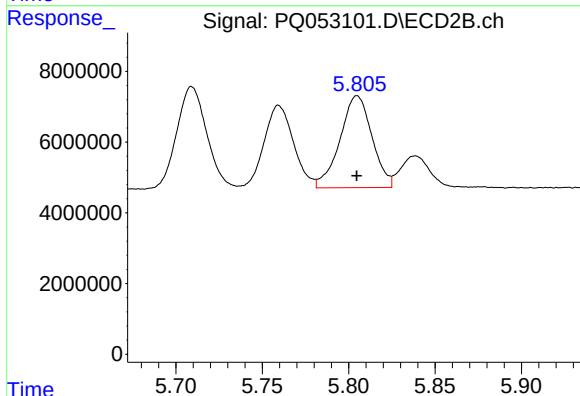
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 34920928
Conc: 115.27 ng/ml



#19 AR-1242-4

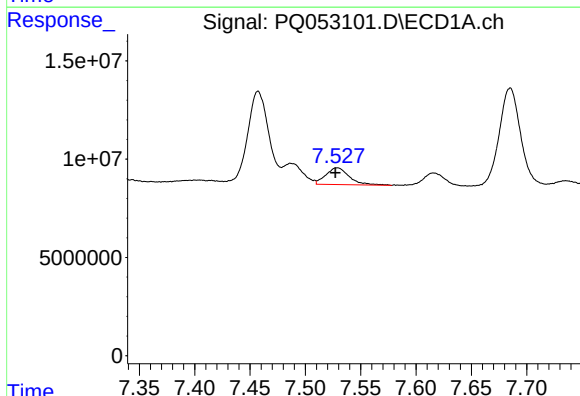
R.T.: 6.746 min
Delta R.T.: 0.002 min
Response: 80648196
Conc: 117.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



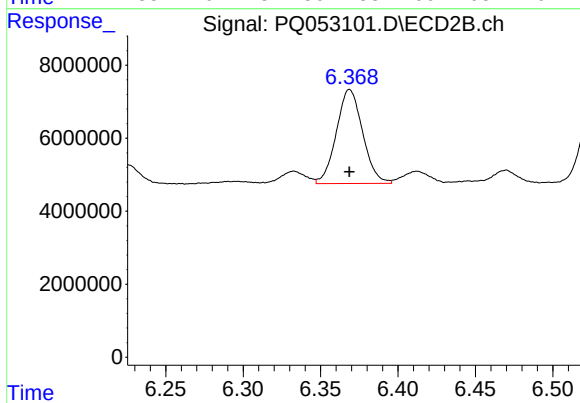
#19 AR-1242-4

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 33503408
Conc: 117.78 ng/ml



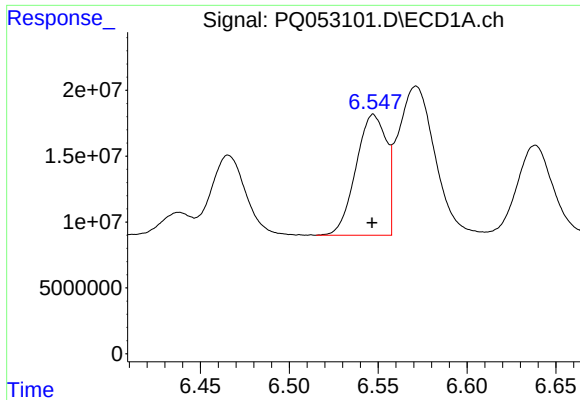
#20 AR-1242-5

R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 12751577
Conc: 17.48 ng/ml



#20 AR-1242-5

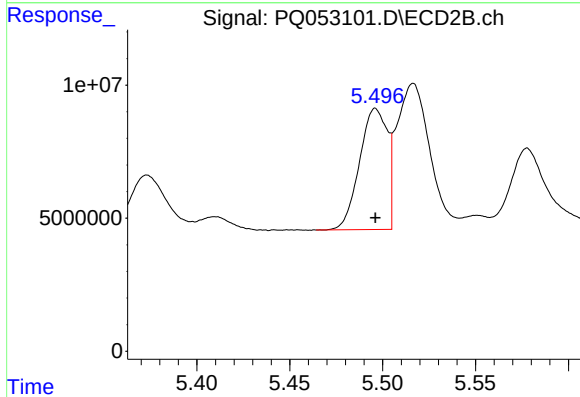
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 30442694
Conc: 76.84 ng/ml



#21 AR-1248-1

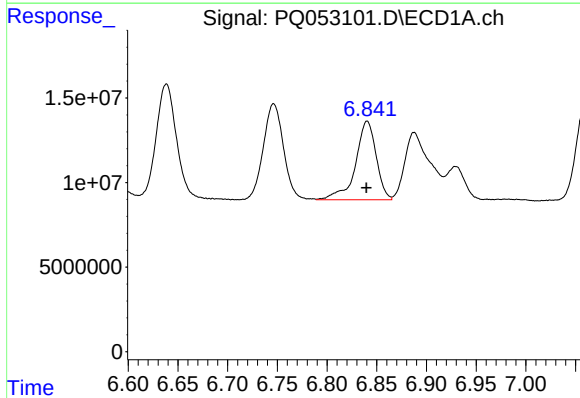
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 109322083
Conc: 176.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



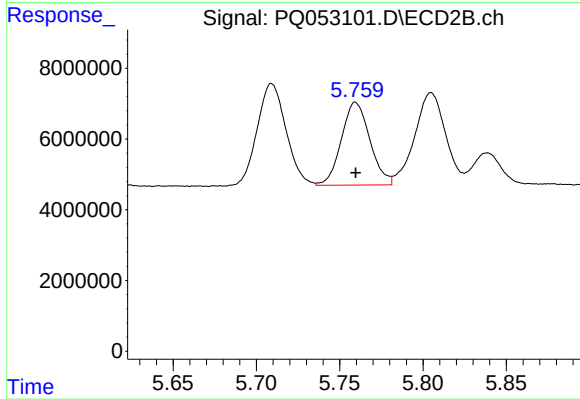
#21 AR-1248-1

R.T.: 5.496 min
Delta R.T.: 0.000 min
Response: 47260138
Conc: 173.51 ng/ml



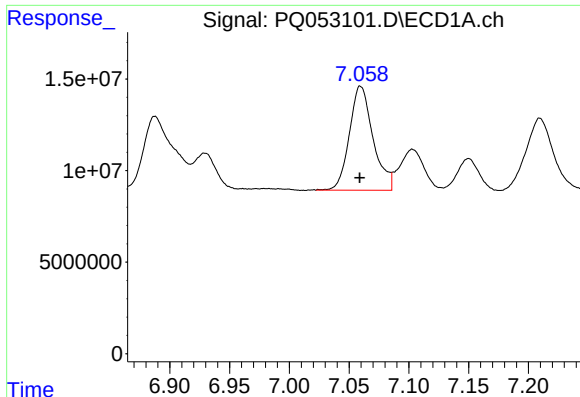
#22 AR-1248-2

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 67334748
Conc: 77.20 ng/ml



#22 AR-1248-2

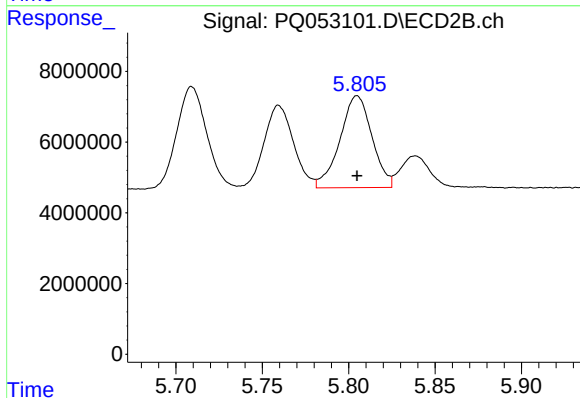
R.T.: 5.759 min
Delta R.T.: 0.000 min
Response: 27960633
Conc: 75.20 ng/ml



#23 AR-1248-3

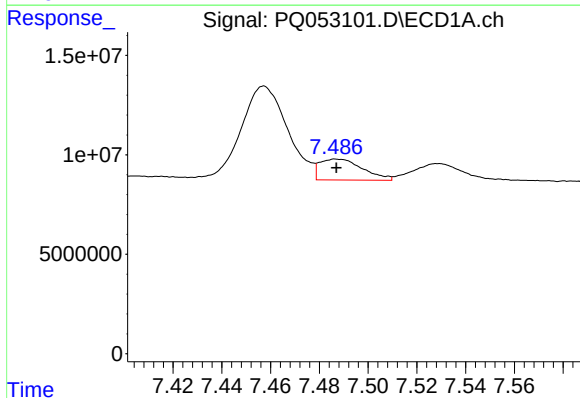
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 78359011
Conc: 79.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



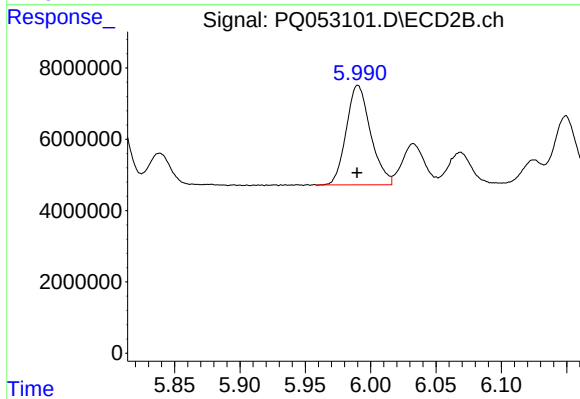
#23 AR-1248-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 33503408
Conc: 87.75 ng/ml



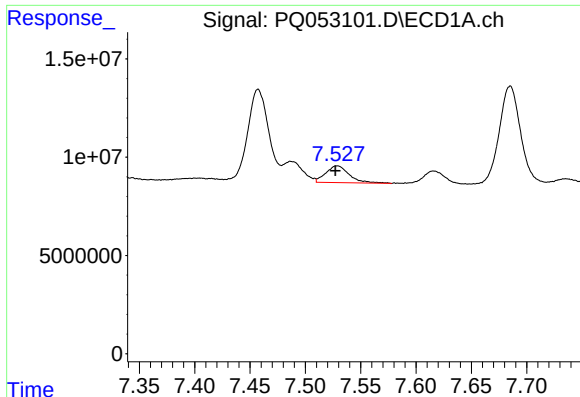
#24 AR-1248-4

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 12866879
Conc: 11.26 ng/ml



#24 AR-1248-4

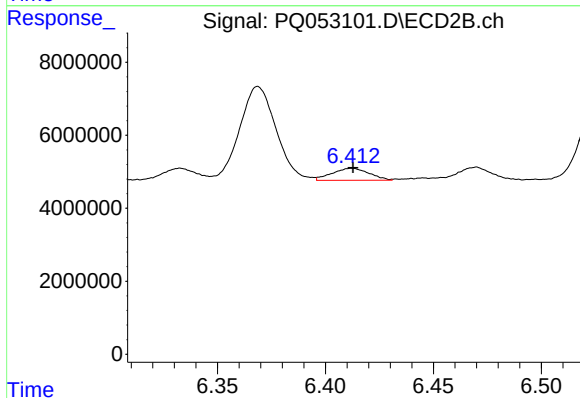
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 36162707
Conc: 77.36 ng/ml



#25 AR-1248-5

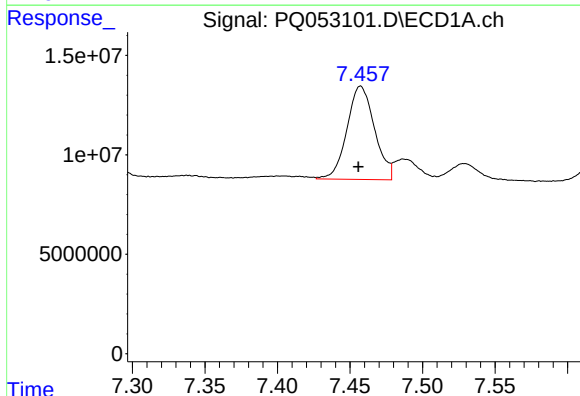
R.T.: 7.529 min
Delta R.T.: 0.002 min
Response: 12751577
Conc: 11.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



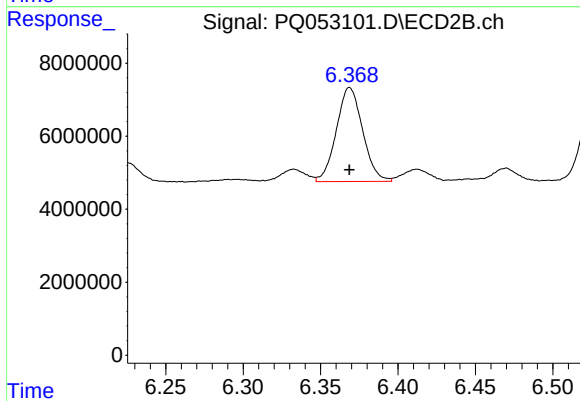
#25 AR-1248-5

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 3917162
Conc: 7.96 ng/ml



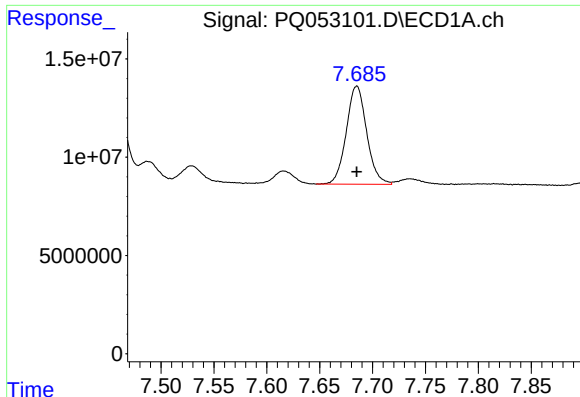
#26 AR-1254-1

R.T.: 7.457 min
Delta R.T.: 0.001 min
Response: 62166638
Conc: 39.54 ng/ml



#26 AR-1254-1

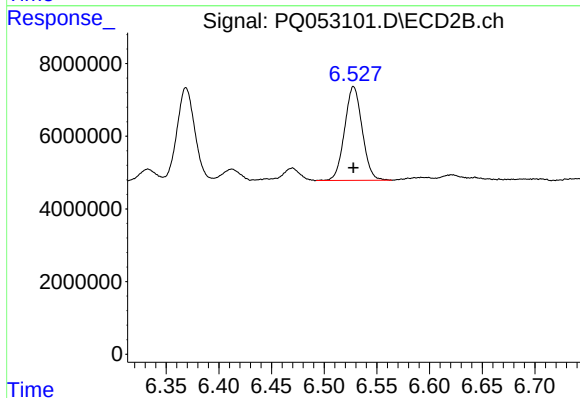
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 30442694
Conc: 28.39 ng/ml



#27 AR-1254-2

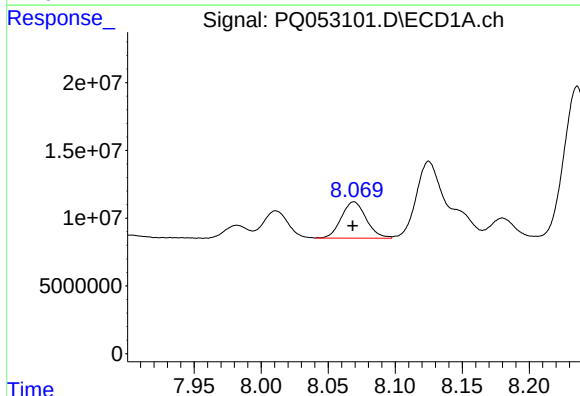
R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 67154127
Conc: 27.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



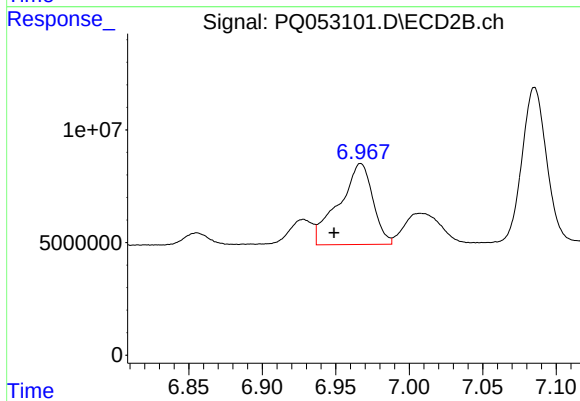
#27 AR-1254-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 29994866
Conc: 31.45 ng/ml



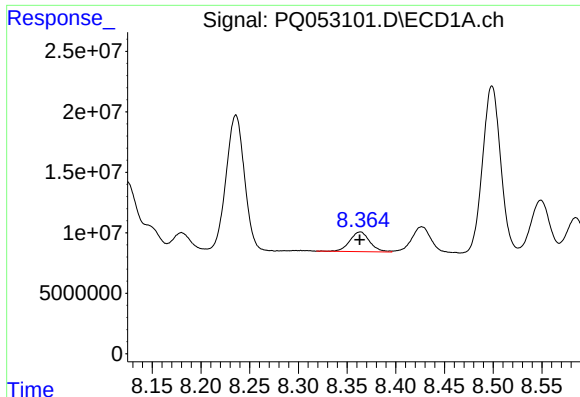
#28 AR-1254-3

R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 34556638
Conc: 13.13 ng/ml



#28 AR-1254-3

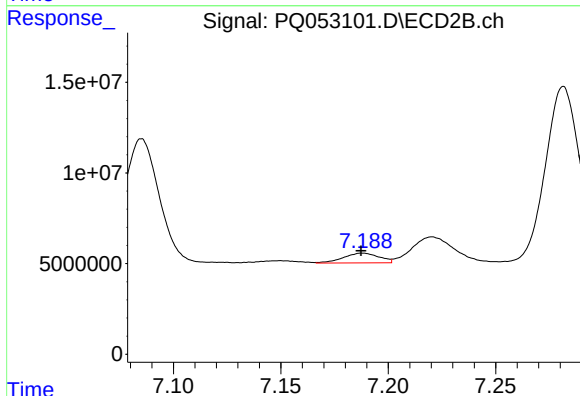
R.T.: 6.967 min
Delta R.T.: 0.018 min
Response: 57534086
Conc: 37.15 ng/ml



#29 AR-1254-4

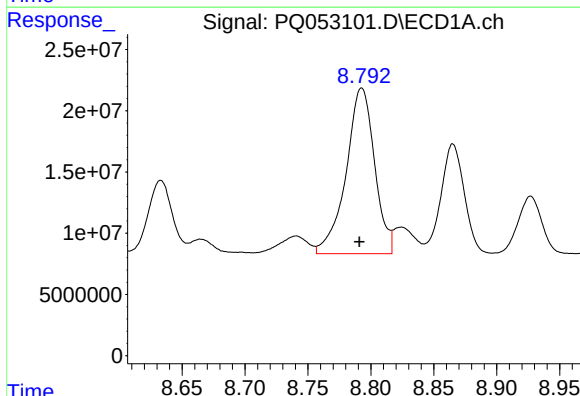
R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 23368374
Conc: 12.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



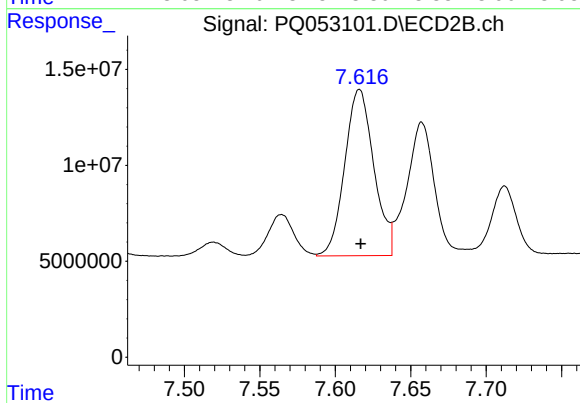
#29 AR-1254-4

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 6219431
Conc: 5.94 ng/ml



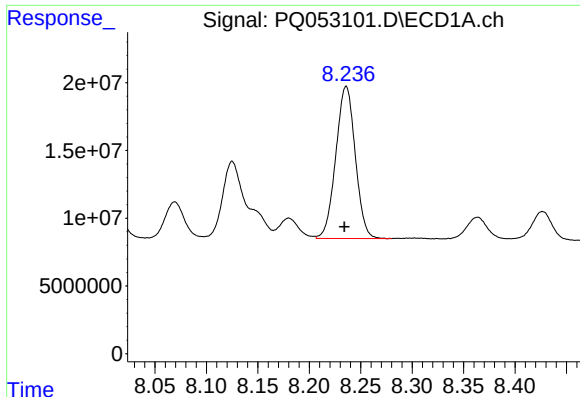
#30 AR-1254-5

R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 213419306
Conc: 104.33 ng/ml



#30 AR-1254-5

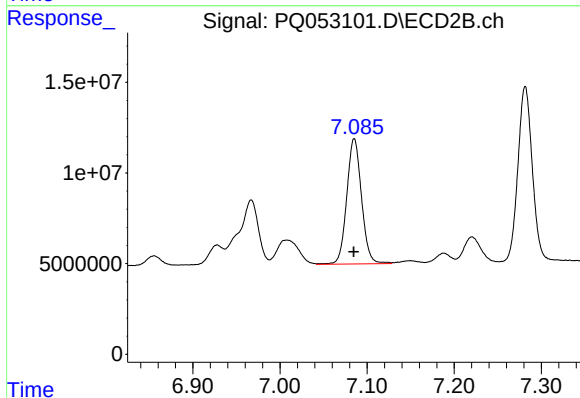
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 116485954
Conc: 79.83 ng/ml



#31 AR-1260-1

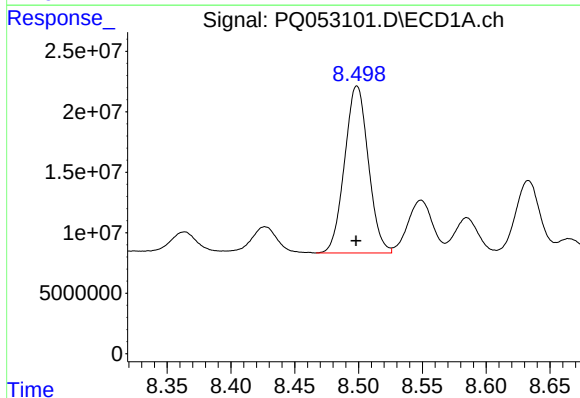
R.T.: 8.236 min
Delta R.T.: 0.002 min
Response: 147773218
Conc: 128.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



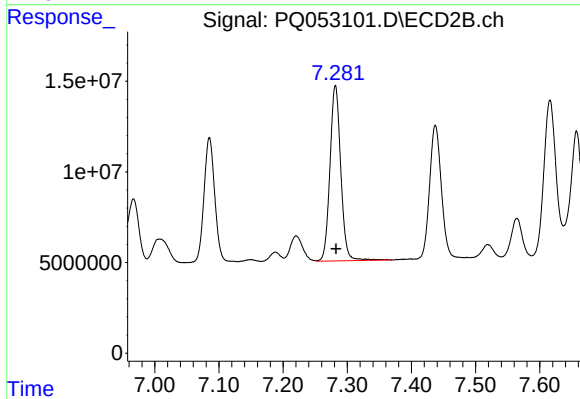
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 81379186
Conc: 125.58 ng/ml



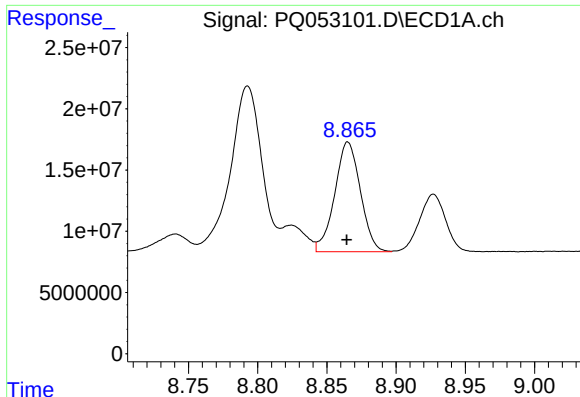
#32 AR-1260-2

R.T.: 8.499 min
Delta R.T.: 0.000 min
Response: 178833535
Conc: 128.35 ng/ml



#32 AR-1260-2

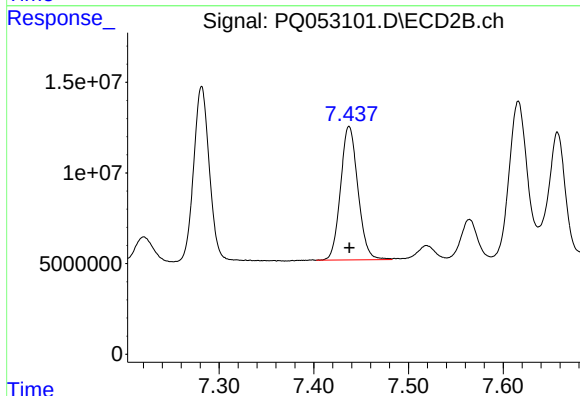
R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 113069836
Conc: 121.98 ng/ml



#33 AR-1260-3

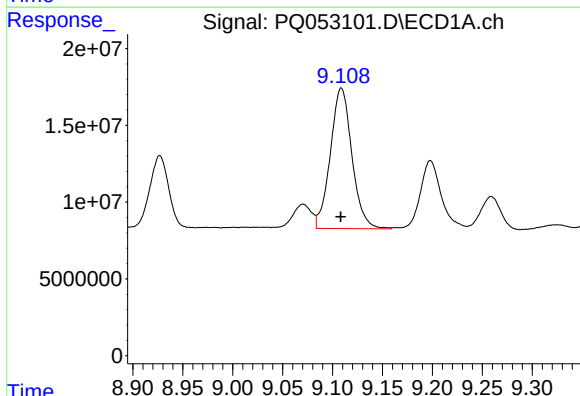
R.T.: 8.865 min
Delta R.T.: 0.000 min
Response: 115692479
Conc: 108.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



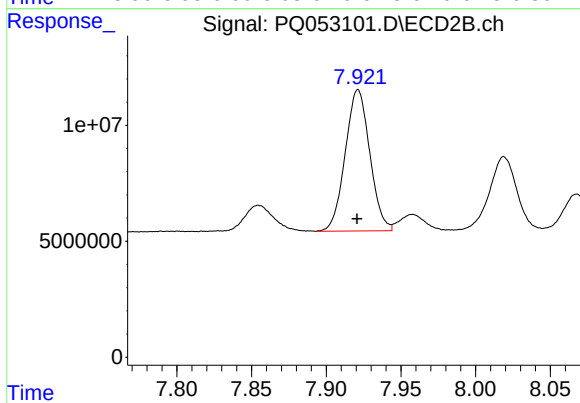
#33 AR-1260-3

R.T.: 7.437 min
Delta R.T.: 0.000 min
Response: 93923927
Conc: 120.71 ng/ml



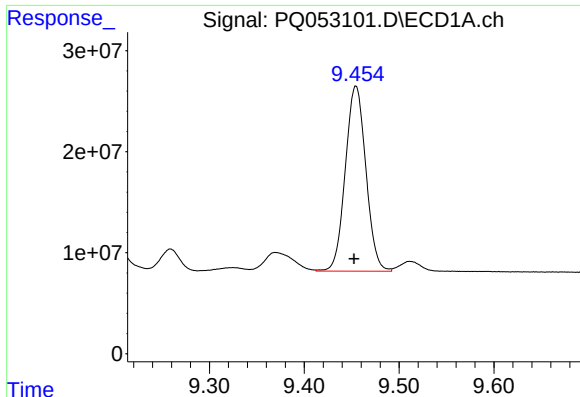
#34 AR-1260-4

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 137623539
Conc: 113.65 ng/ml



#34 AR-1260-4

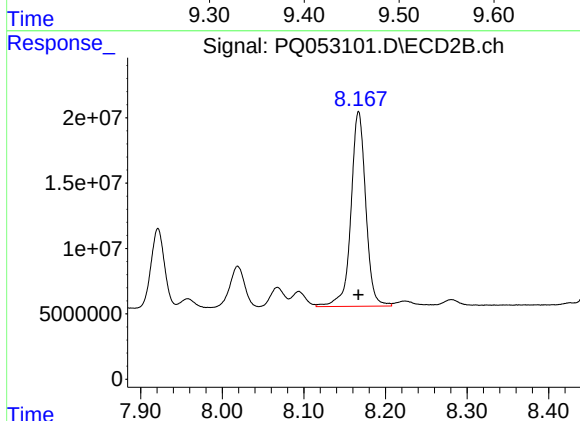
R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 69791076
Conc: 102.80 ng/ml



#35 AR-1260-5

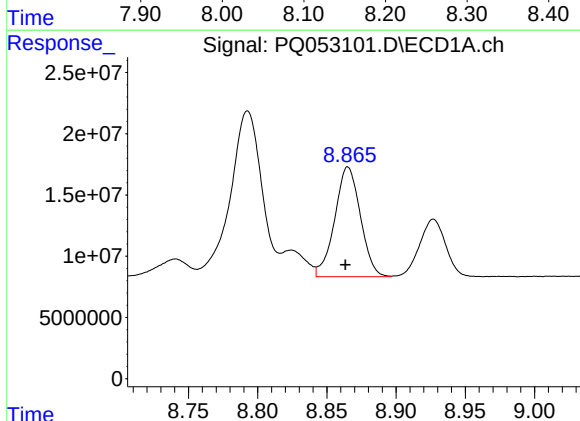
R.T.: 9.454 min
Delta R.T.: 0.002 min
Response: 276280538
Conc: 107.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



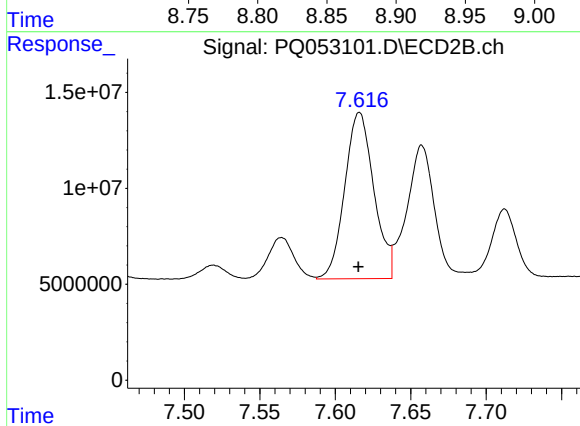
#35 AR-1260-5

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 188237191
Conc: 101.75 ng/ml



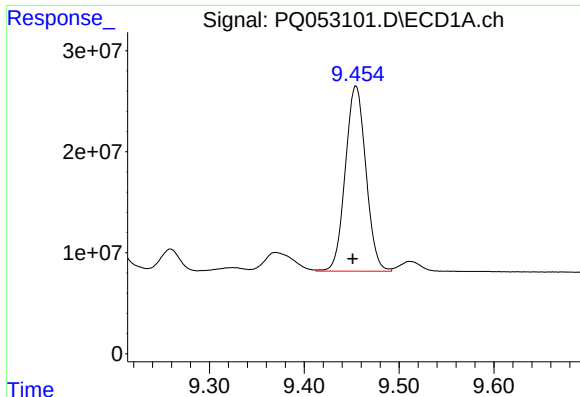
#36 AR-1262-1

R.T.: 8.865 min
Delta R.T.: 0.002 min
Response: 115692479
Conc: 57.84 ng/ml



#36 AR-1262-1

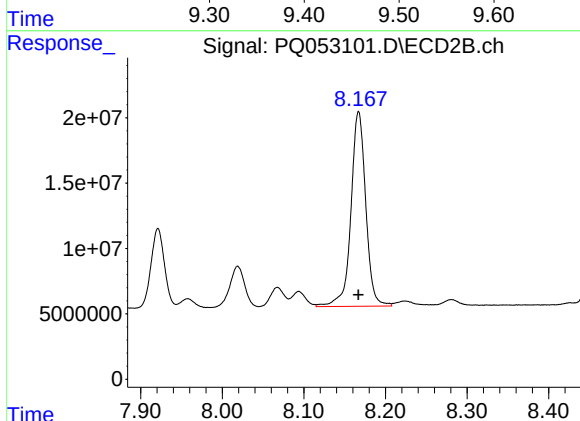
R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 116485954
Conc: 190.03 ng/ml



#37 AR-1262-2

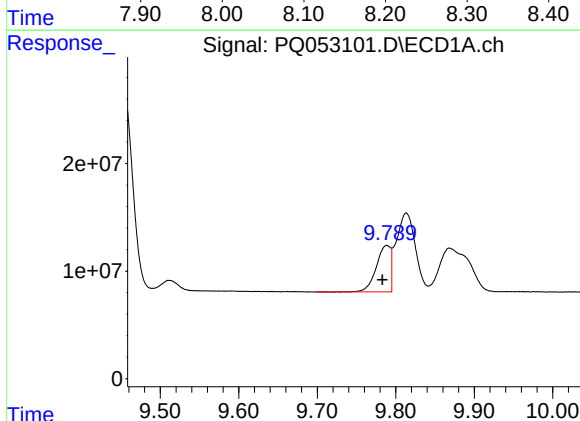
R.T.: 9.454 min
Delta R.T.: 0.004 min
Response: 276280538
Conc: 74.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



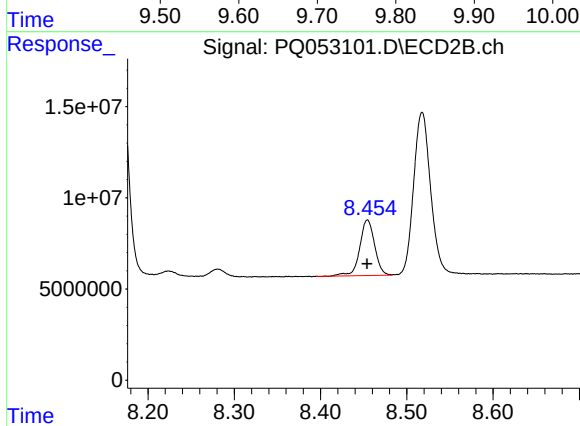
#37 AR-1262-2

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 188237191
Conc: 74.08 ng/ml



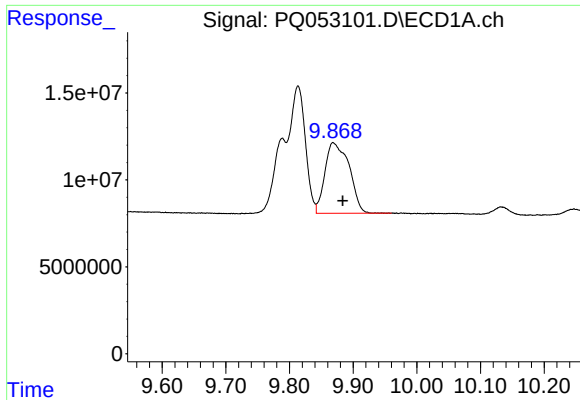
#38 AR-1262-3

R.T.: 9.789 min
Delta R.T.: 0.006 min
Response: 54503828
Conc: 21.72 ng/ml



#38 AR-1262-3

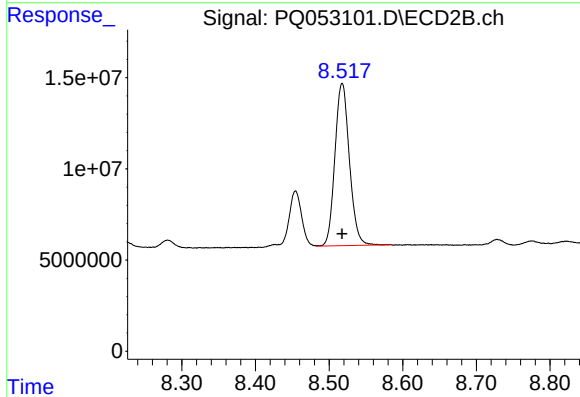
R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 36417058
Conc: 35.85 ng/ml



#39 AR-1262-4

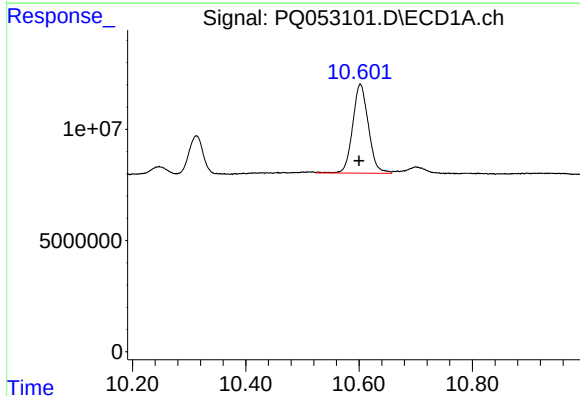
R.T.: 9.869 min
Delta R.T.: -0.015 min
Response: 107112190
Conc: 53.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



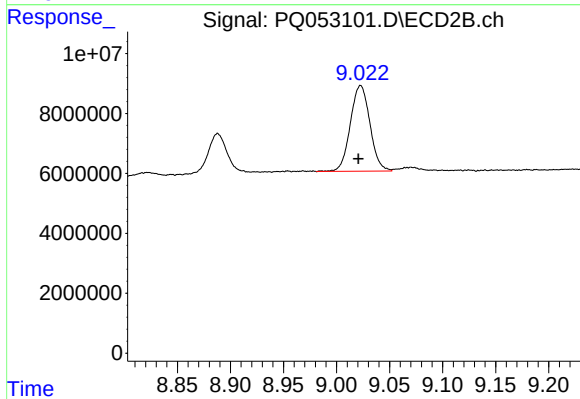
#39 AR-1262-4

R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 121607201
Conc: 70.59 ng/ml



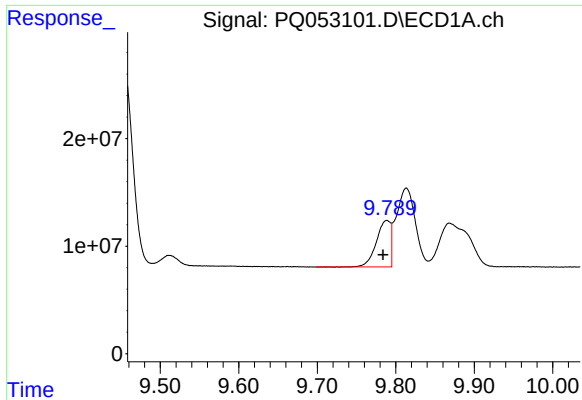
#40 AR-1262-5

R.T.: 10.602 min
Delta R.T.: 0.002 min
Response: 77124717
Conc: 54.41 ng/ml



#40 AR-1262-5

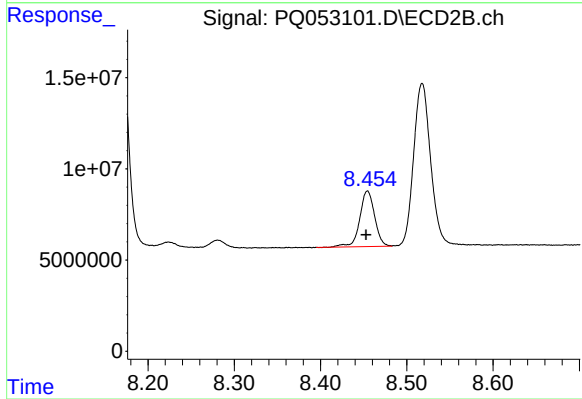
R.T.: 9.023 min
Delta R.T.: 0.002 min
Response: 36714261
Conc: 47.17 ng/ml



#41 AR-1268-1

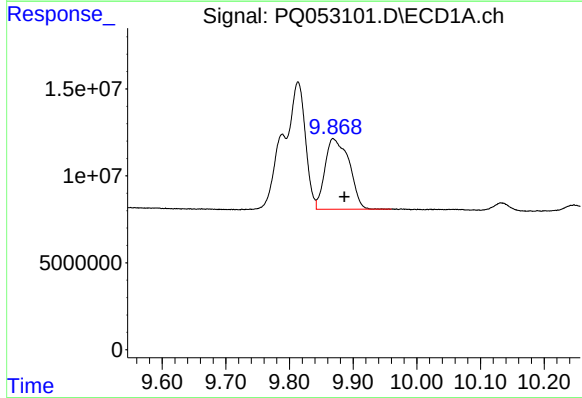
R.T.: 9.789 min
Delta R.T.: 0.005 min
Response: 54503828
Conc: 12.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



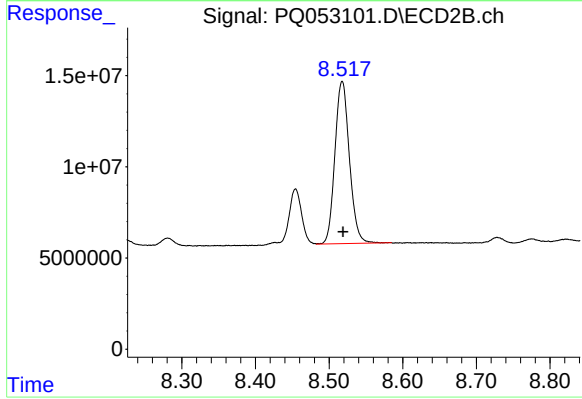
#41 AR-1268-1

R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 36417058
Conc: 12.43 ng/ml



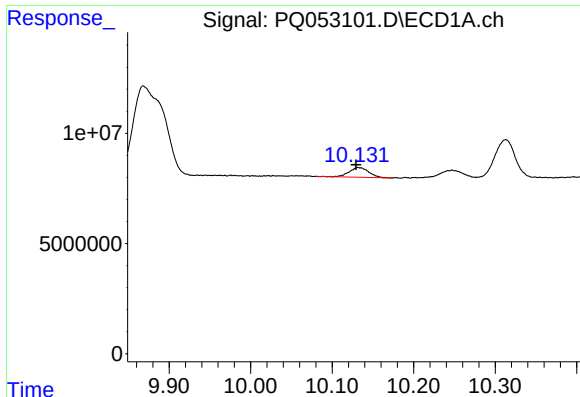
#42 AR-1268-2

R.T.: 9.869 min
Delta R.T.: -0.018 min
Response: 107112190
Conc: 24.98 ng/ml



#42 AR-1268-2

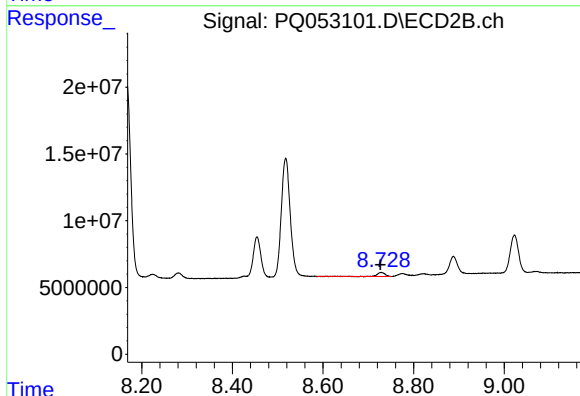
R.T.: 8.518 min
Delta R.T.: -0.001 min
Response: 121607201
Conc: 48.84 ng/ml



#43 AR-1268-3

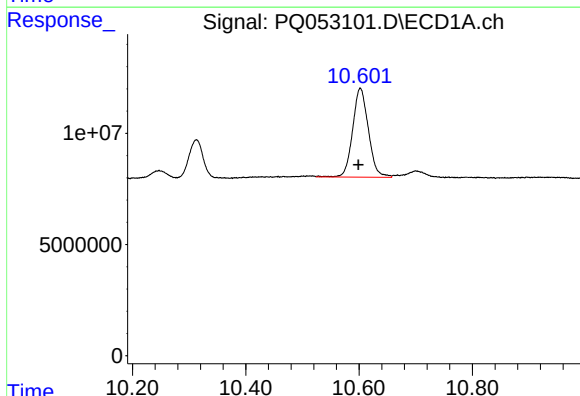
R.T.: 10.132 min
Delta R.T.: 0.003 min
Response: 7389245
Conc: 1.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



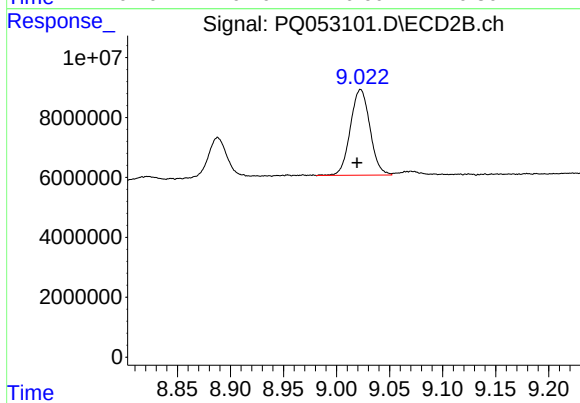
#43 AR-1268-3

R.T.: 8.728 min
Delta R.T.: 0.001 min
Response: 3704307
Conc: 1.71 ng/ml



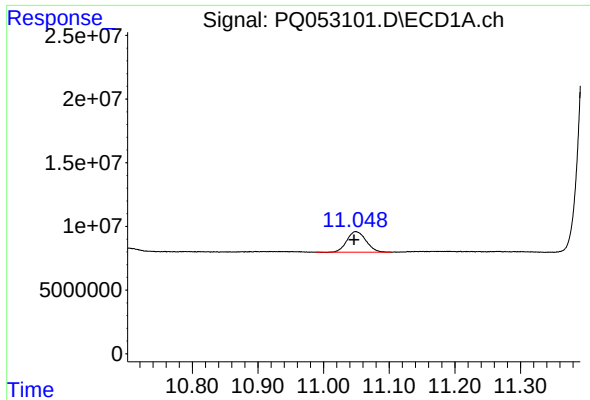
#44 AR-1268-4

R.T.: 10.602 min
Delta R.T.: 0.003 min
Response: 77124717
Conc: 50.10 ng/ml



#44 AR-1268-4

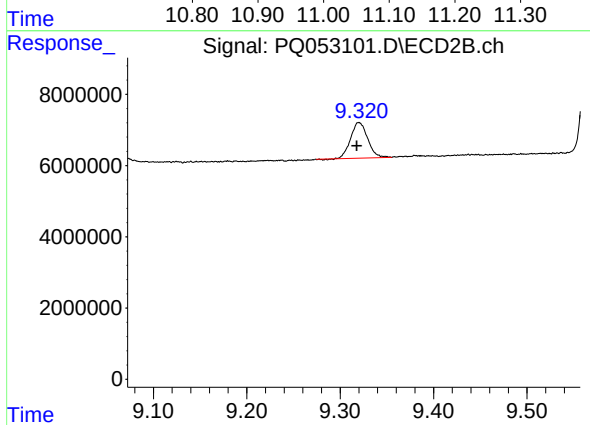
R.T.: 9.023 min
Delta R.T.: 0.003 min
Response: 36714261
Conc: 43.04 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.002 min
Response: 32846003
Conc: 2.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.320 min
Delta R.T.: 0.002 min
Response: 12616301
Conc: 2.03 ng/ml