

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031521\
 Data File : PQ052631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2021 17:40
 Operator : DD\AJ
 Sample : AR1248CCC500
 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: Mar 16 01:54:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 13 08:26:53 2021
 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...	5.227	4.243	1189.0E6	472.6E6	52.607	57.441
2)	SA Decachlor...	11.416	9.586	1173.6E6	478.3E6	43.608	49.273
Target Compounds							
3)	L1 AR-1016-1	6.552	5.503	228.9E6	98659243	297.710	345.095
4)	L1 AR-1016-2	6.576	5.523	279.5E6	102.8E6	235.406	249.164
5)	L1 AR-1016-3	6.643	5.717	128.9E6	64435135	185.713	295.259 #
6)	L1 AR-1016-4	6.748	5.766	147.4E6	133.1E6	252.583	804.712 #
7)	L1 AR-1016-5	7.065	5.996	371.8E6	162.6E6	676.388	779.438
8)	L2 AR-1221-1	5.472	4.498	506845	1271210	2.199	14.684 #
9)	L2 AR-1221-2	5.582	4.599	16296485	6595489	93.153	102.864
10)	L2 AR-1221-3	5.665	4.689	15593011	9603017	27.648	46.317 #
11)	L3 AR-1232-1	5.665	4.689	15593011	9603017	32.039	53.801 #
12)	L3 AR-1232-2	6.257	5.523	90768757	102.8E6	358.816	553.537 #
13)	L3 AR-1232-3	6.576	5.717	279.5E6	64435135	512.263	681.043 #
14)	L3 AR-1232-4	6.748	5.811	147.4E6	137.9E6	524.411	1784.211 #
15)	L3 AR-1232-5	6.845	5.996	318.7E6	162.6E6	1668.966	1873.690
16)	L4 AR-1242-1	6.552	5.503	228.9E6	98659243	380.812	449.758
17)	L4 AR-1242-2	6.576	5.523	279.5E6	102.8E6	307.126	317.405
18)	L4 AR-1242-3	6.643	5.717	128.9E6	64435135	238.647	371.275 #
19)	L4 AR-1242-4	6.748	5.811	147.4E6	137.9E6	324.510	882.807 #
20)	L4 AR-1242-5	7.532	6.375	433.9E6	258.9E6	786.603	1171.020 #
21)	L5 AR-1248-1	6.552	5.503	228.9E6	98659243	512.080	585.841
22)	L5 AR-1248-2	6.845	5.766	318.7E6	133.1E6	504.599	596.179
23)	L5 AR-1248-3	7.065	5.811	371.8E6	137.9E6	505.462	597.164
24)	L5 AR-1248-4	7.492	5.996	439.5E6	162.6E6	476.798	559.980
25)	L5 AR-1248-5	7.532	6.419	433.9E6	179.8E6	468.041	565.049
26)	L6 AR-1254-1	7.462	6.375	332.8E6	258.9E6	365.863	522.114 #
27)	L6 AR-1254-2	7.698	6.534	420.1E6	75946258	288.928	174.738 #
28)	L6 AR-1254-3	8.073	6.956	250.7E6	110.3E6	148.935	152.386
29)	L6 AR-1254-4	8.368	7.194	164.7E6	87939786	135.870	180.576 #
30)	L6 AR-1254-5	8.796	7.623	38723327	27657431	29.640	39.633 #
31)	L7 AR-1260-1	8.238	7.105	33053250	53138396	30.228	120.833 #
32)	L7 AR-1260-2	8.497	7.287	31400986	12501178	22.856	20.093
33)	L7 AR-1260-3	0.000	7.443	0	13369653	N.D.	24.878 #
34)	L7 AR-1260-4	9.105	7.929	15574417	8704599	12.653	18.071 #
35)	L7 AR-1260-5	9.457	8.173	7736613	9838823	2.965	7.390 #
36)	L8 AR-1262-1	0.000	7.623	0	27657431	N.D.	72.689 #
37)	L8 AR-1262-2	9.457	8.173	7736613	9838823	2.444	6.461 #
38)	L8 AR-1262-3	0.000	8.468	0	3258447	N.D.	5.237 #
39)	L8 AR-1262-4	0.000	8.522	0	3912838	N.D.	3.717 #
40)	L8 AR-1262-5	0.000	9.027	0	8327688	N.D.	17.918 #
41)	L9 AR-1268-1	0.000	8.468	0	3258447	N.D.	1.818 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031521\
 Data File : PQ052631.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2021 17:40
 Operator : DD\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

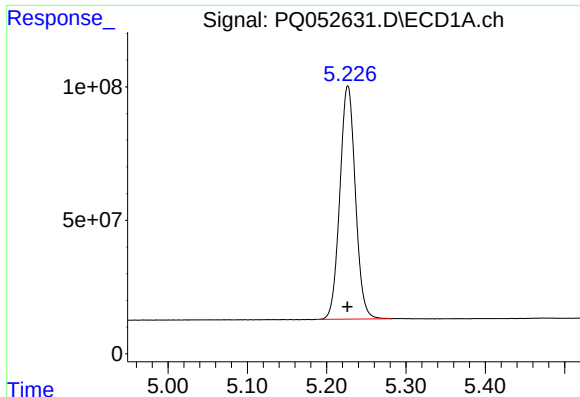
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 01:54:37 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ031321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Mar 13 08:26:53 2021
 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
42) L9	AR-1268-2	0.000	8.522	0	3912838	N.D.	2.555 #
44) L9	AR-1268-4	0.000	9.027	0	8327688	N.D.	16.643 #
45) L9	AR-1268-5	11.051	9.325	8015720	4007104	0.814	1.063 #

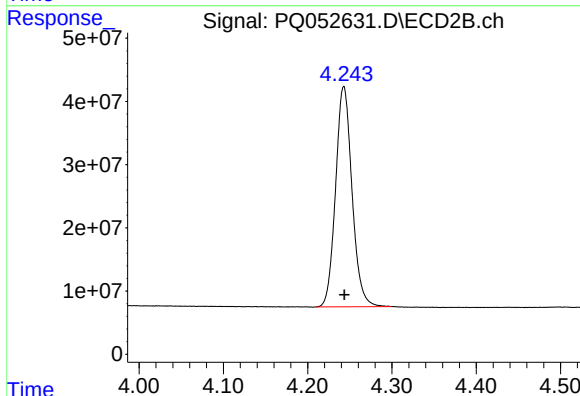
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

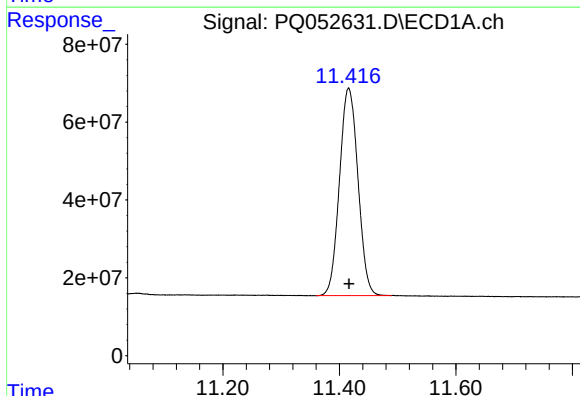
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 1189022652
Conc: 52.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



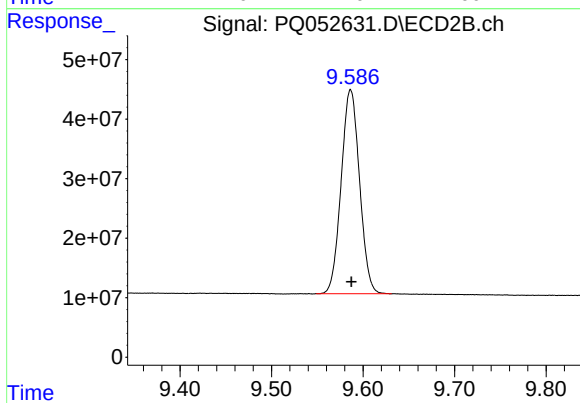
#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 472564183
Conc: 57.44 ng/ml



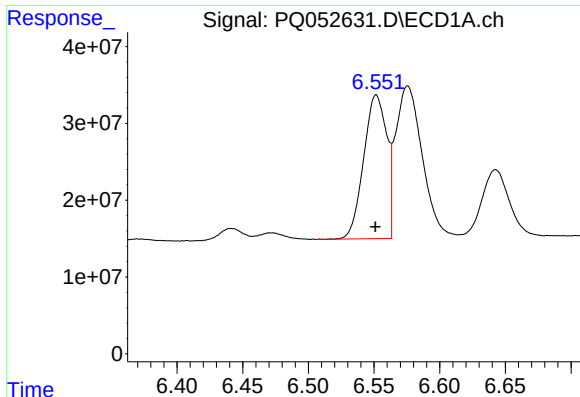
#2 Decachlorobiphenyl

R.T.: 11.416 min
Delta R.T.: 0.000 min
Response: 1173620161
Conc: 43.61 ng/ml



#2 Decachlorobiphenyl

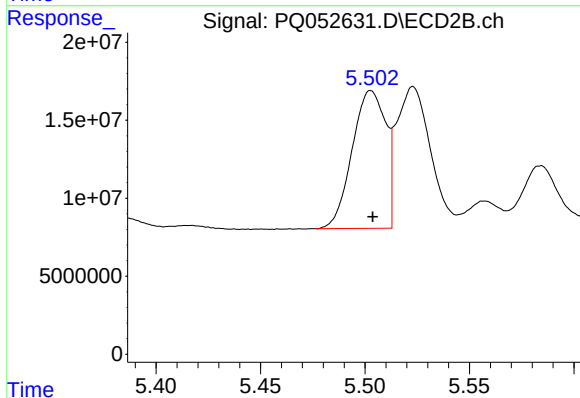
R.T.: 9.586 min
Delta R.T.: 0.000 min
Response: 478320405
Conc: 49.27 ng/ml



#3 AR-1016-1

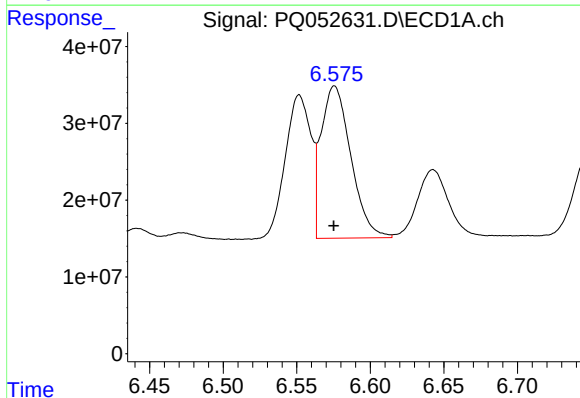
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 22852007
Conc: 297.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



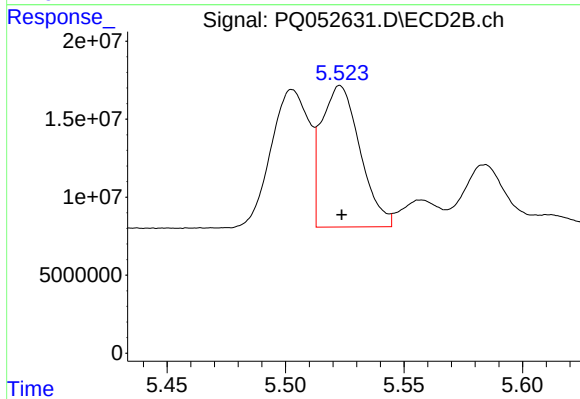
#3 AR-1016-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 98659243
Conc: 345.09 ng/ml



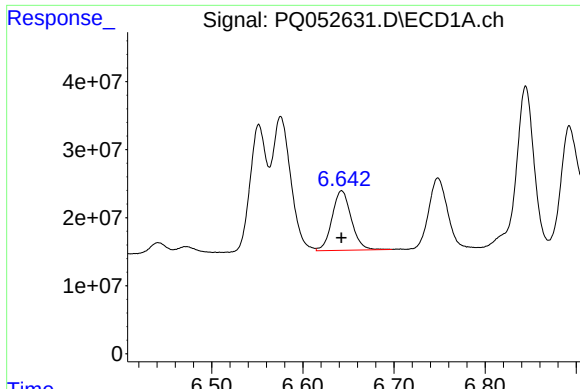
#4 AR-1016-2

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 279536682
Conc: 235.41 ng/ml



#4 AR-1016-2

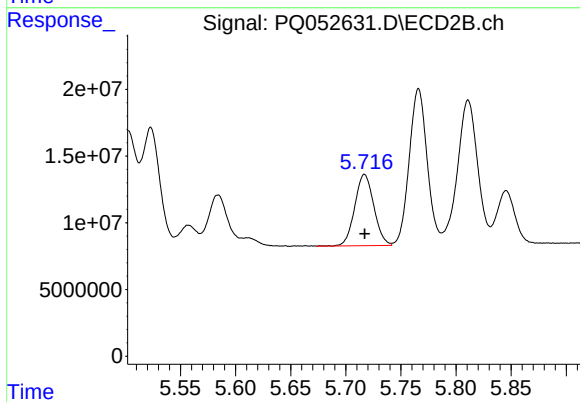
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 102762936
Conc: 249.16 ng/ml



#5 AR-1016-3

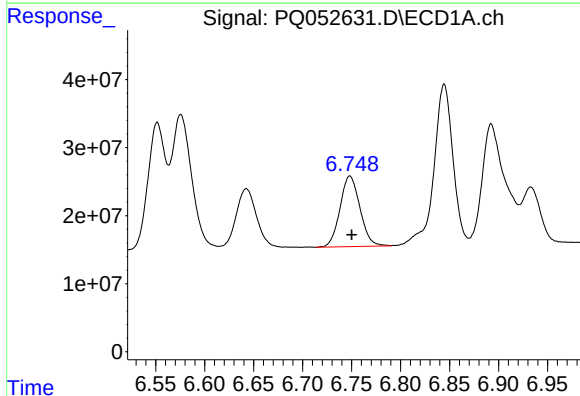
R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 128919192
Conc: 185.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



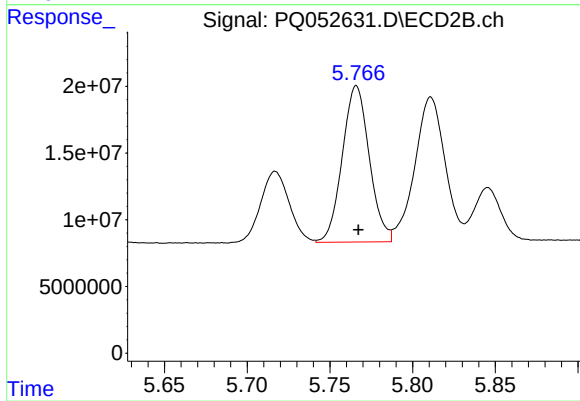
#5 AR-1016-3

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 64435135
Conc: 295.26 ng/ml



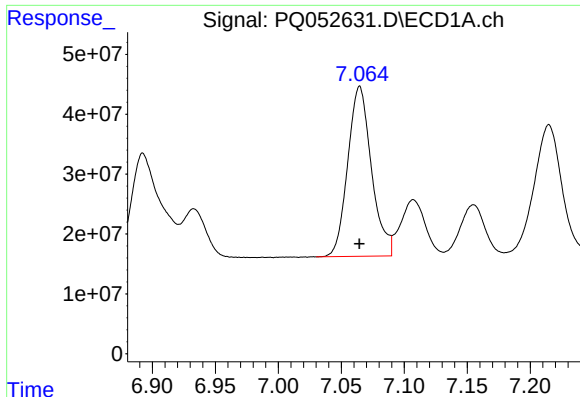
#6 AR-1016-4

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 147365224
Conc: 252.58 ng/ml



#6 AR-1016-4

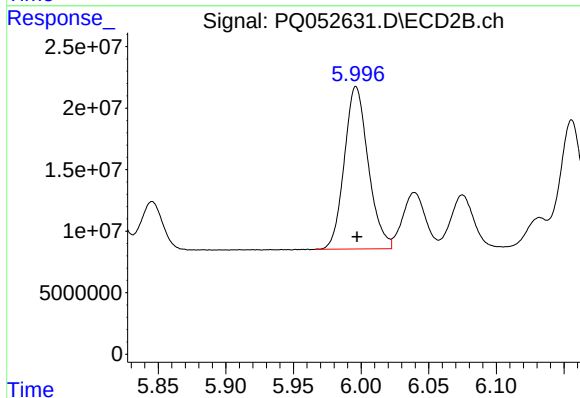
R.T.: 5.766 min
Delta R.T.: -0.001 min
Response: 133097405
Conc: 804.71 ng/ml



#7 AR-1016-5

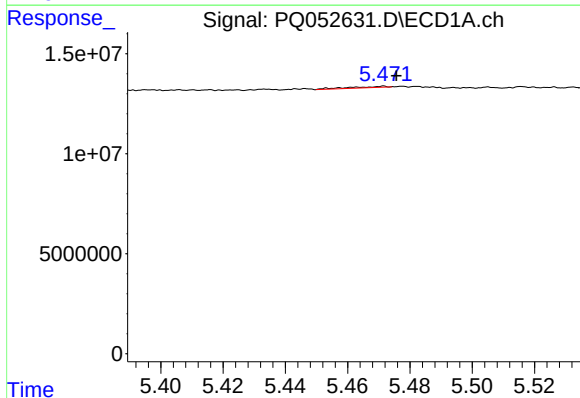
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 371781056
Conc: 676.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



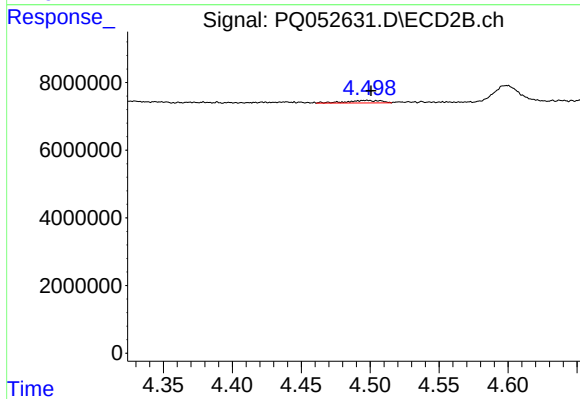
#7 AR-1016-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 162579708
Conc: 779.44 ng/ml



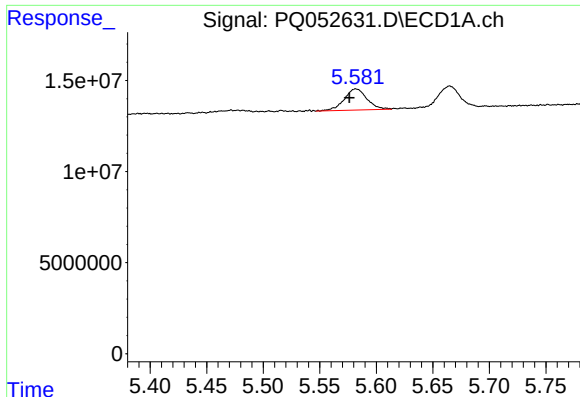
#8 AR-1221-1

R.T.: 5.472 min
Delta R.T.: -0.004 min
Response: 506845
Conc: 2.20 ng/ml



#8 AR-1221-1

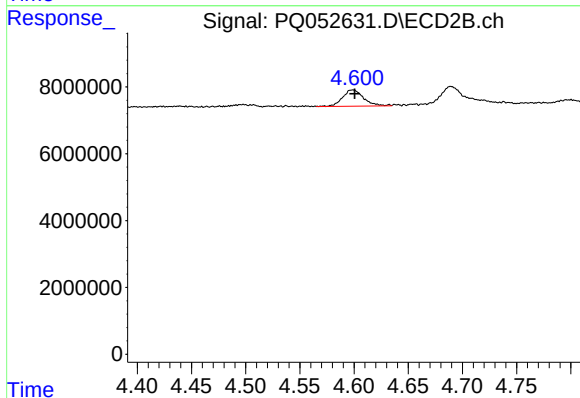
R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 1271210
Conc: 14.68 ng/ml



#9 AR-1221-2

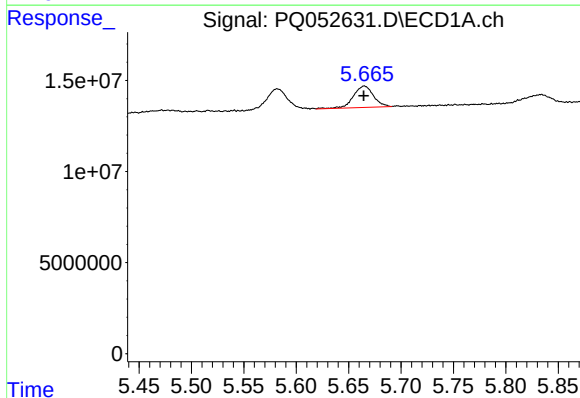
R.T.: 5.582 min
Delta R.T.: 0.005 min
Response: 16296485
Conc: 93.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



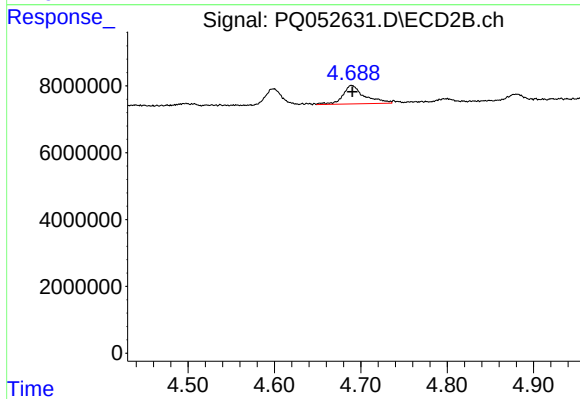
#9 AR-1221-2

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 6595489
Conc: 102.86 ng/ml



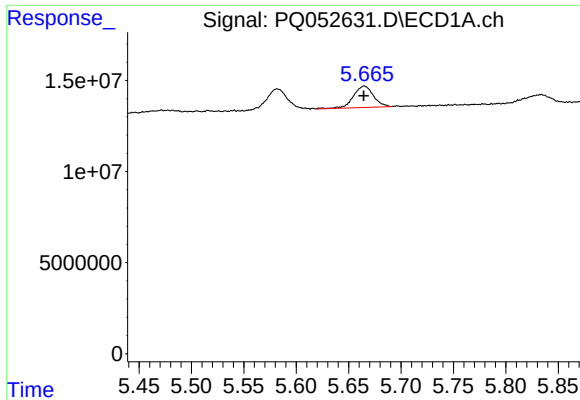
#10 AR-1221-3

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 15593011
Conc: 27.65 ng/ml



#10 AR-1221-3

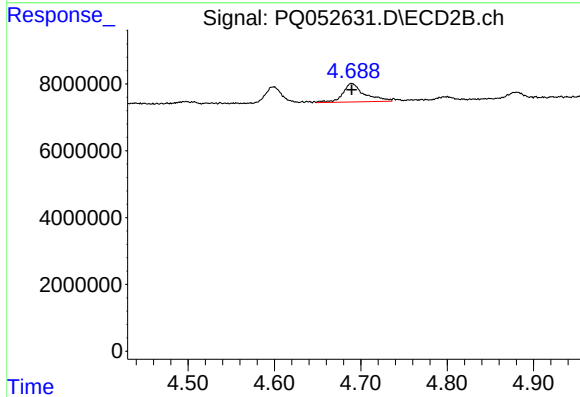
R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 9603017
Conc: 46.32 ng/ml



#11 AR-1232-1

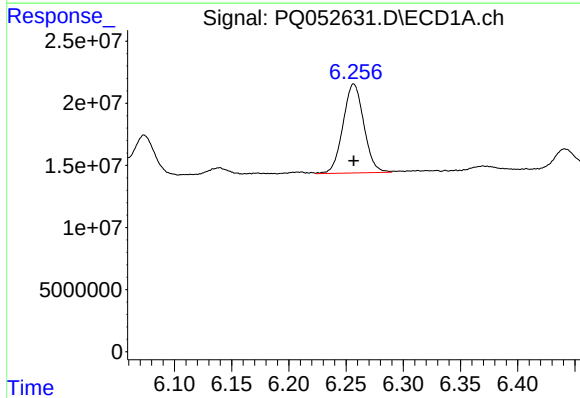
R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 15593011
Conc: 32.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



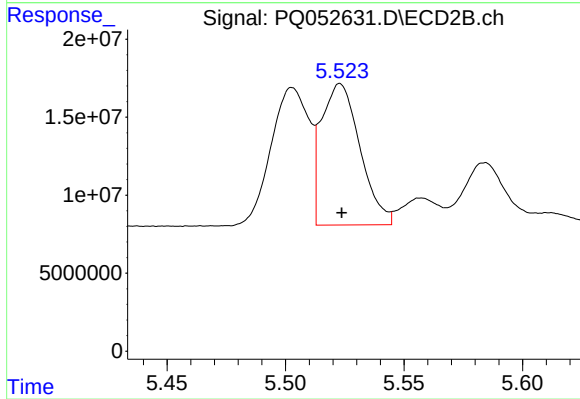
#11 AR-1232-1

R.T.: 4.689 min
Delta R.T.: 0.000 min
Response: 9603017
Conc: 53.80 ng/ml



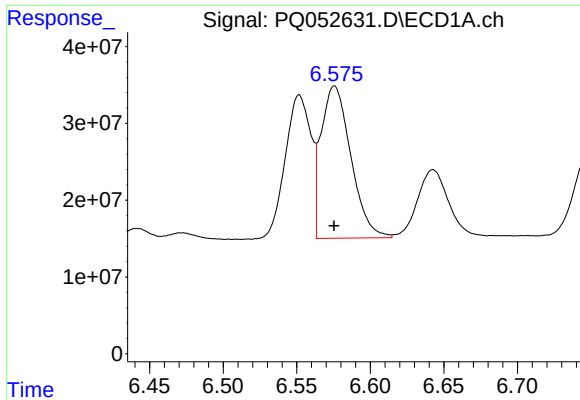
#12 AR-1232-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 90768757
Conc: 358.82 ng/ml



#12 AR-1232-2

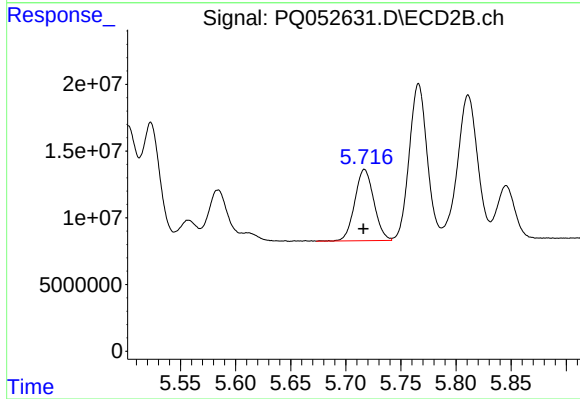
R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 102762936
Conc: 553.54 ng/ml



#13 AR-1232-3

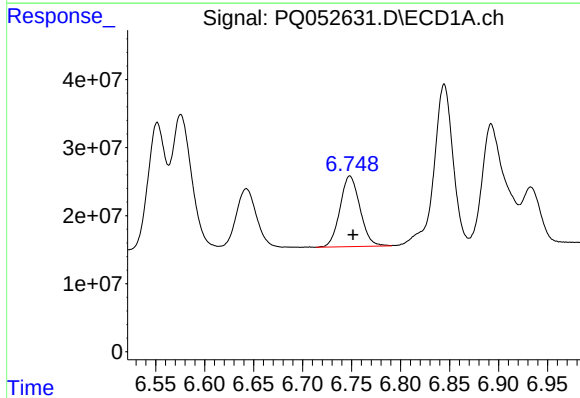
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 279536682
Conc: 512.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



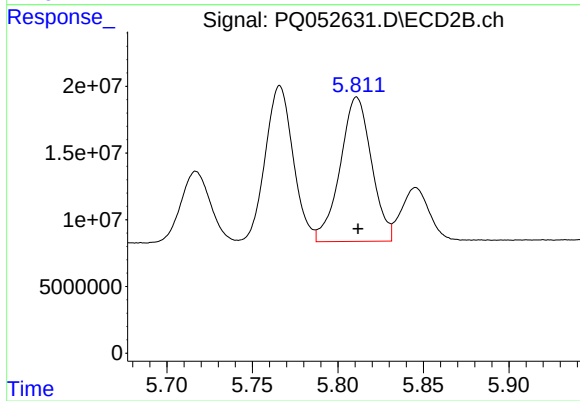
#13 AR-1232-3

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 64435135
Conc: 681.04 ng/ml



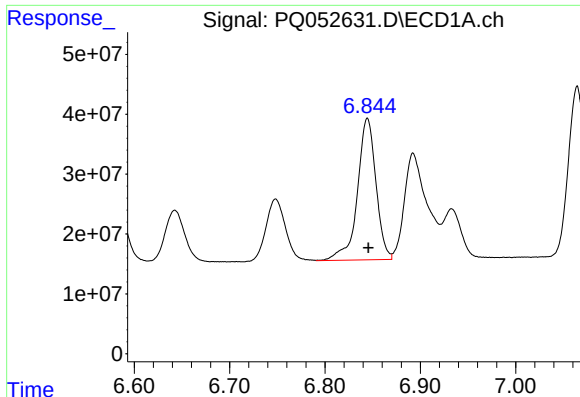
#14 AR-1232-4

R.T.: 6.748 min
Delta R.T.: -0.003 min
Response: 147365224
Conc: 524.41 ng/ml



#14 AR-1232-4

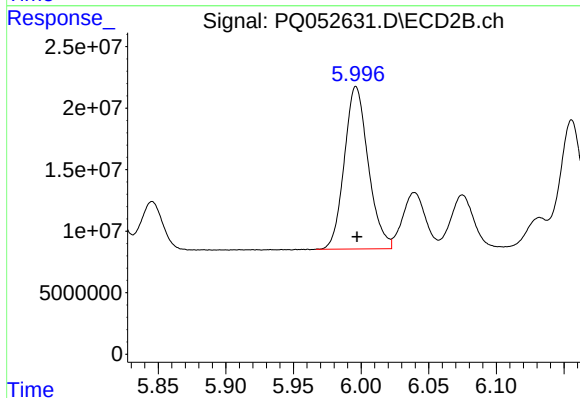
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 137924296
Conc: 1784.21 ng/ml



#15 AR-1232-5

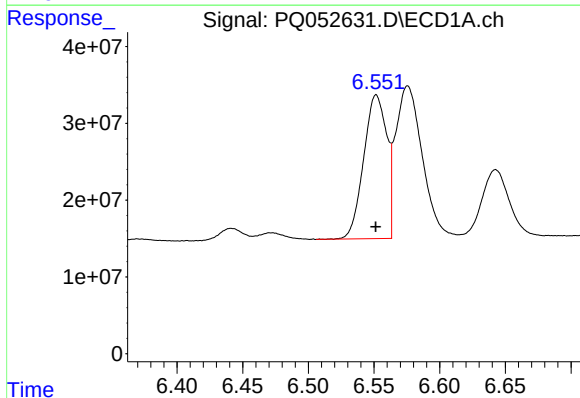
R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 318715380
Conc: 1668.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



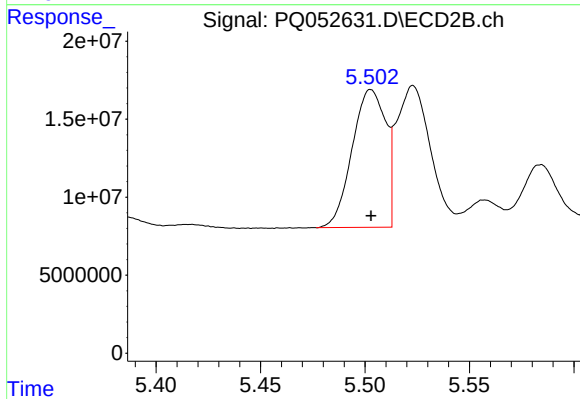
#15 AR-1232-5

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 162579708
Conc: 1873.69 ng/ml



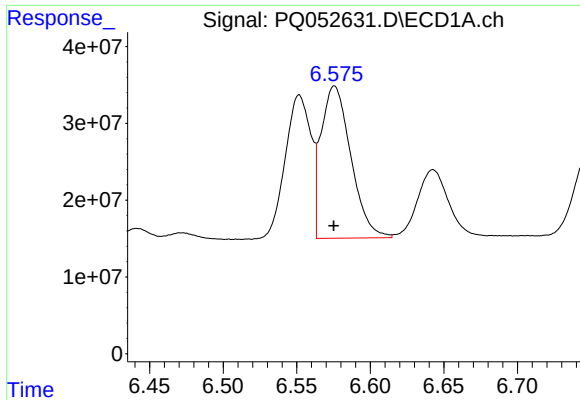
#16 AR-1242-1

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 228852007
Conc: 380.81 ng/ml



#16 AR-1242-1

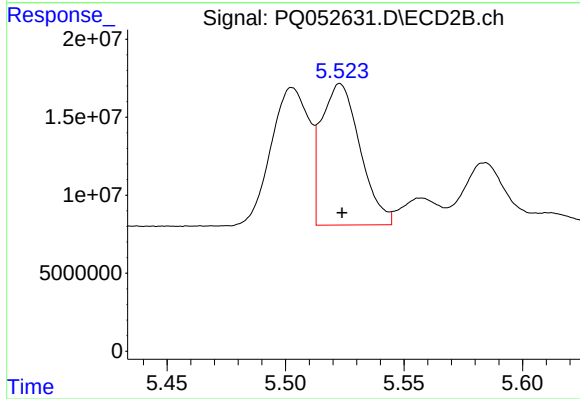
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 98659243
Conc: 449.76 ng/ml



#17 AR-1242-2

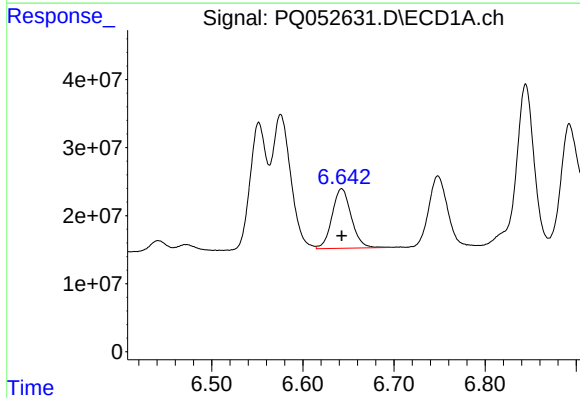
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 279536682
Conc: 307.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



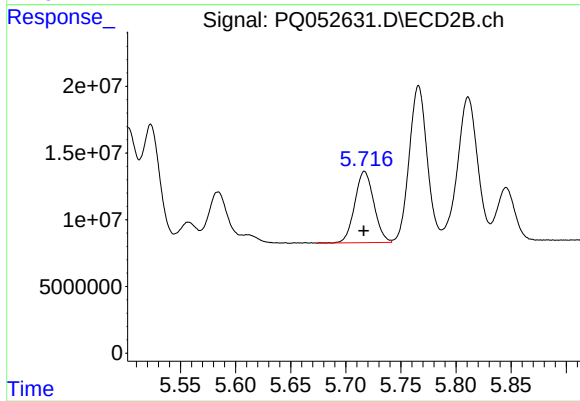
#17 AR-1242-2

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 102762936
Conc: 317.40 ng/ml



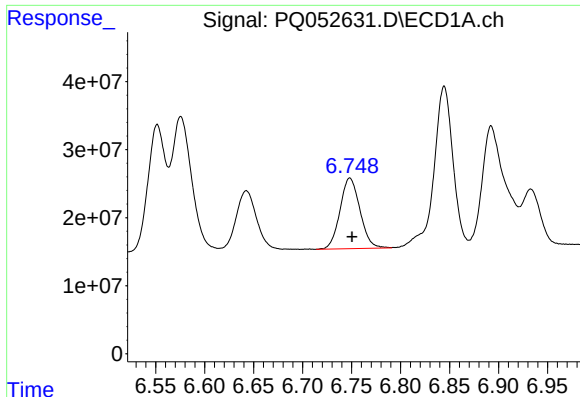
#18 AR-1242-3

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 128919192
Conc: 238.65 ng/ml



#18 AR-1242-3

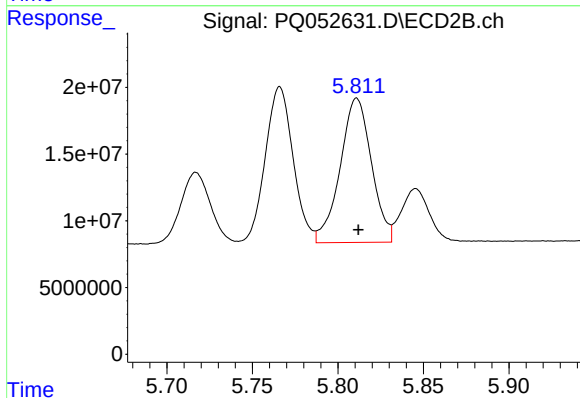
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 64435135
Conc: 371.27 ng/ml



#19 AR-1242-4

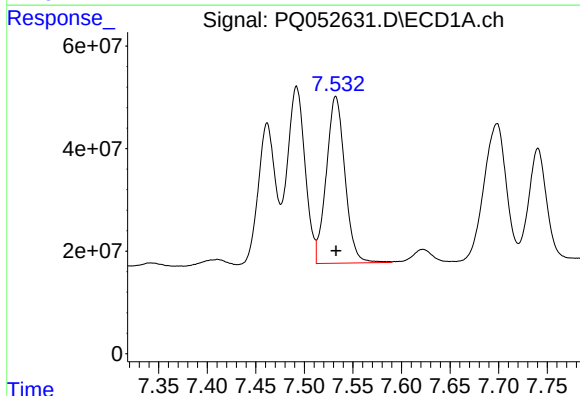
R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 147365224
Conc: 324.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



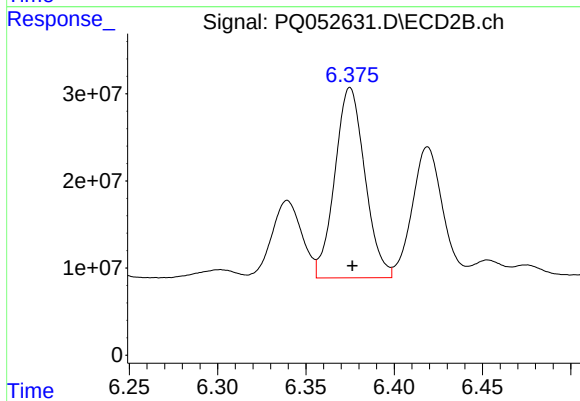
#19 AR-1242-4

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 137924296
Conc: 882.81 ng/ml



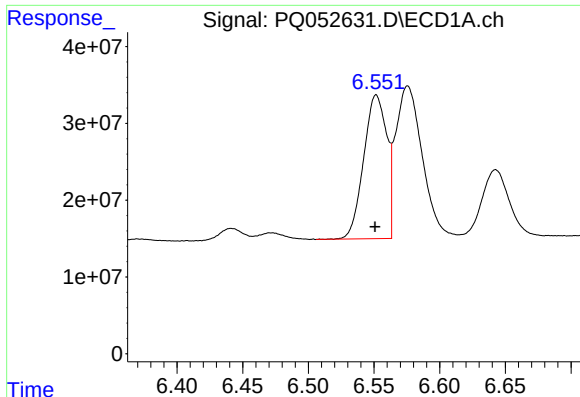
#20 AR-1242-5

R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 433857235
Conc: 786.60 ng/ml



#20 AR-1242-5

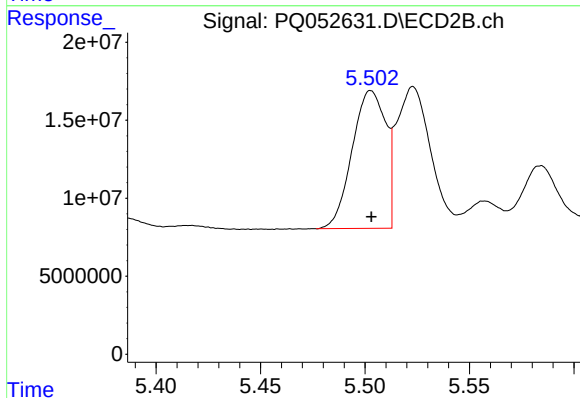
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 258888802
Conc: 1171.02 ng/ml



#21 AR-1248-1

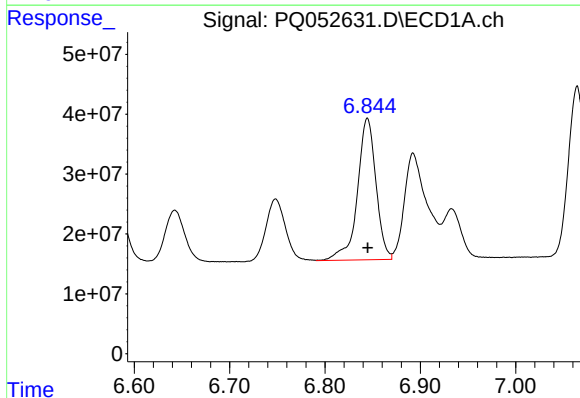
R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 228852007
Conc: 512.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



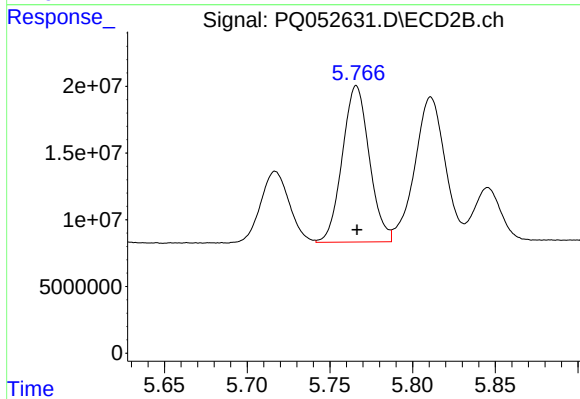
#21 AR-1248-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 98659243
Conc: 585.84 ng/ml



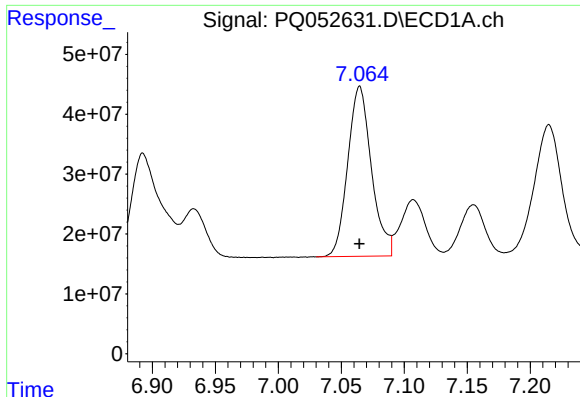
#22 AR-1248-2

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 318715380
Conc: 504.60 ng/ml



#22 AR-1248-2

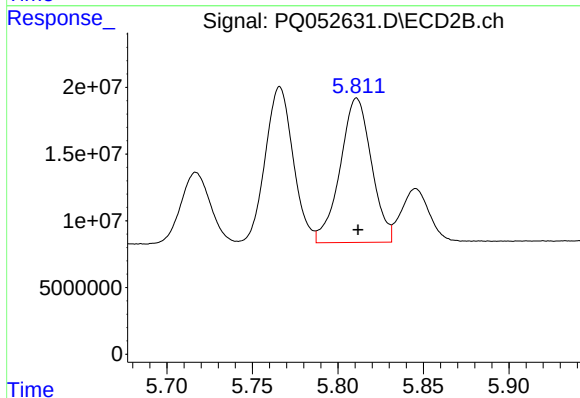
R.T.: 5.766 min
Delta R.T.: 0.000 min
Response: 133097405
Conc: 596.18 ng/ml



#23 AR-1248-3

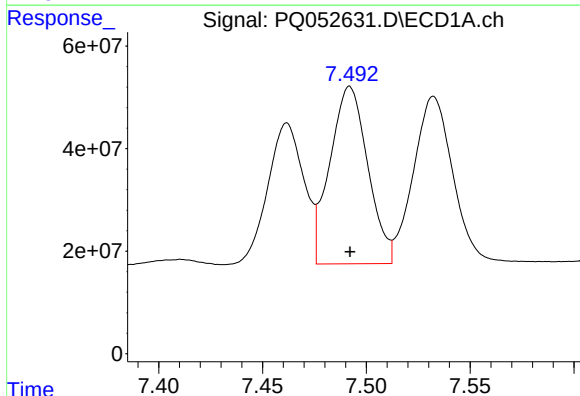
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 371781056
Conc: 505.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



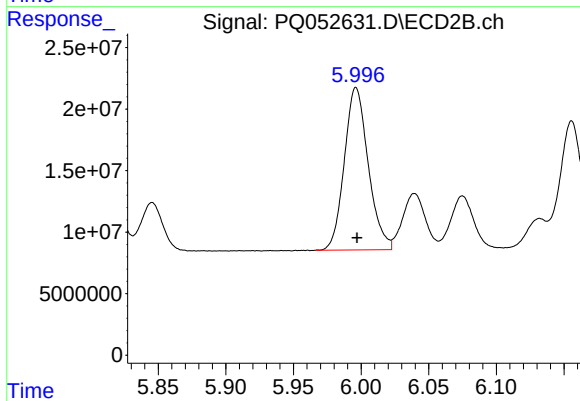
#23 AR-1248-3

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 137924296
Conc: 597.16 ng/ml



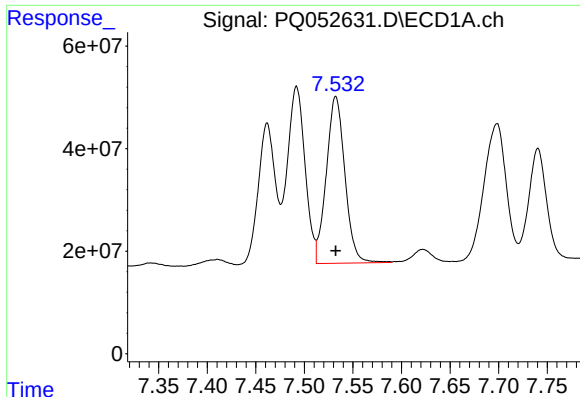
#24 AR-1248-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 439536643
Conc: 476.80 ng/ml



#24 AR-1248-4

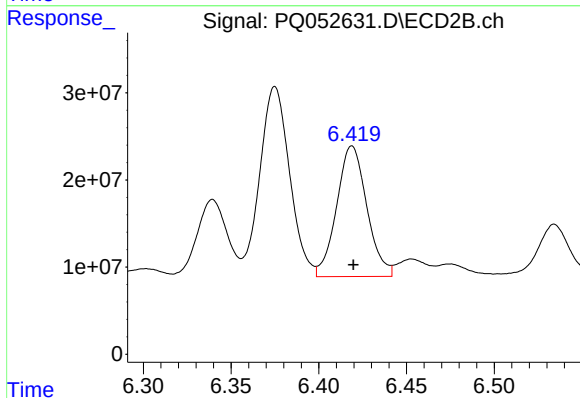
R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 162579708
Conc: 559.98 ng/ml



#25 AR-1248-5

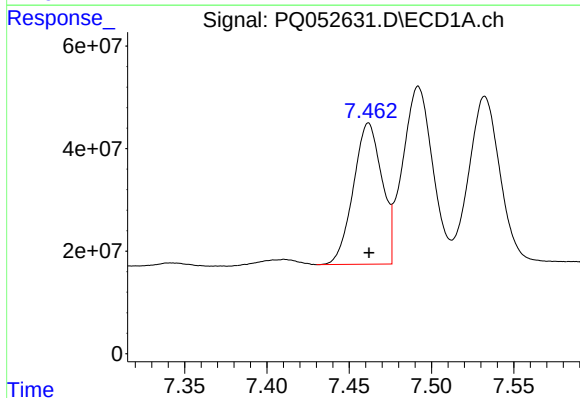
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 433857235
Conc: 468.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



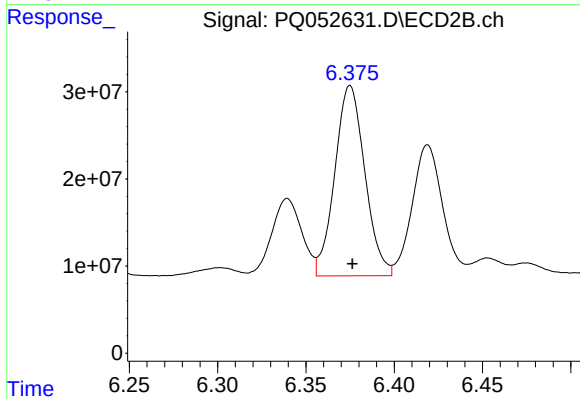
#25 AR-1248-5

R.T.: 6.419 min
Delta R.T.: 0.000 min
Response: 179836875
Conc: 565.05 ng/ml



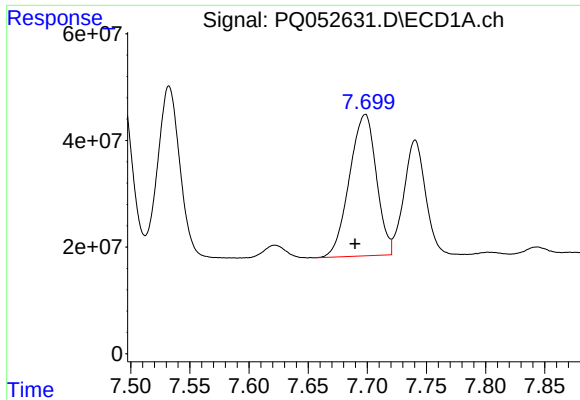
#26 AR-1254-1

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 332802640
Conc: 365.86 ng/ml



#26 AR-1254-1

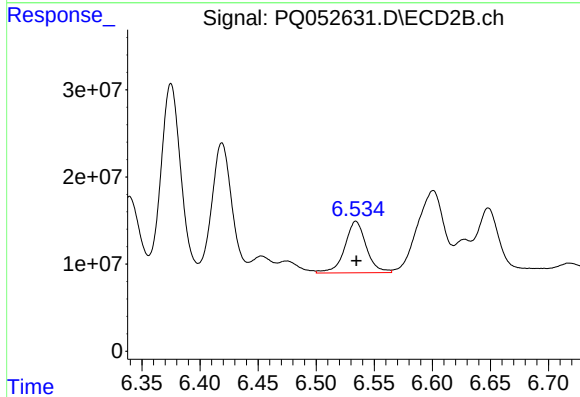
R.T.: 6.375 min
Delta R.T.: -0.001 min
Response: 258888802
Conc: 522.11 ng/ml



#27 AR-1254-2

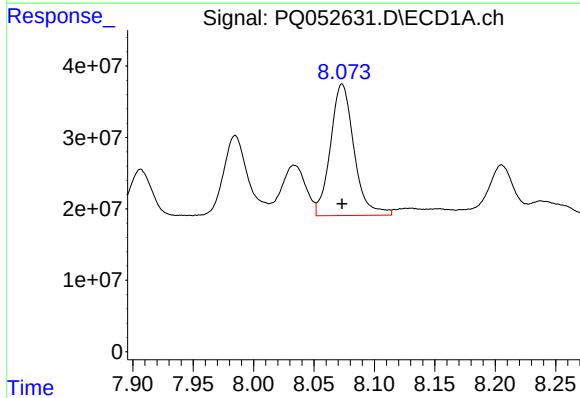
R.T.: 7.698 min
Delta R.T.: 0.009 min
Response: 420066534
Conc: 288.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



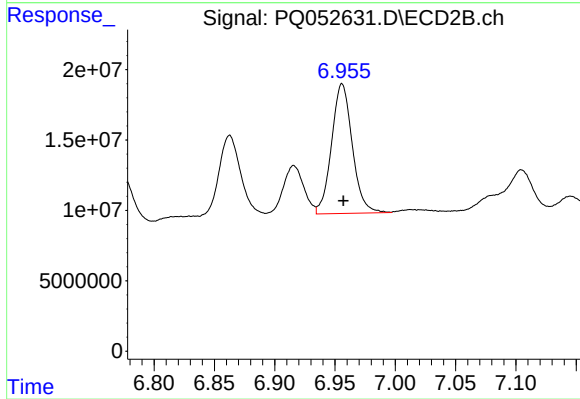
#27 AR-1254-2

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 75946258
Conc: 174.74 ng/ml



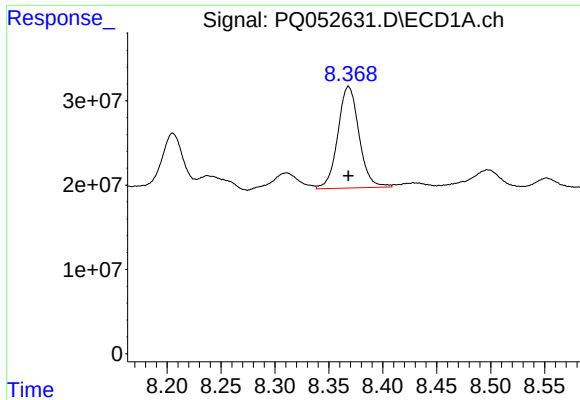
#28 AR-1254-3

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 250706038
Conc: 148.94 ng/ml



#28 AR-1254-3

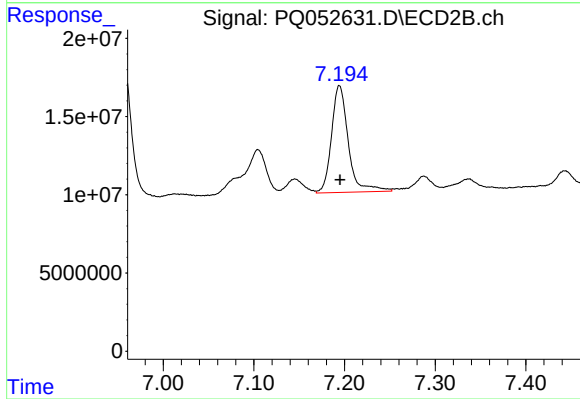
R.T.: 6.956 min
Delta R.T.: -0.001 min
Response: 110316134
Conc: 152.39 ng/ml



#29 AR-1254-4

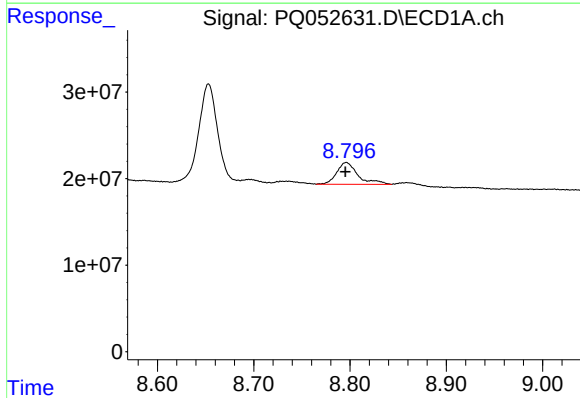
R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 164747702
Conc: 135.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



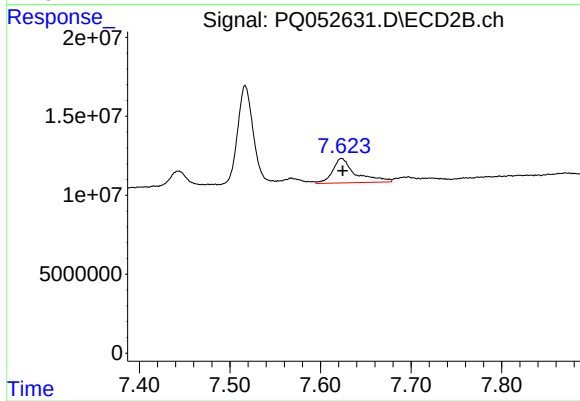
#29 AR-1254-4

R.T.: 7.194 min
Delta R.T.: 0.000 min
Response: 87939786
Conc: 180.58 ng/ml



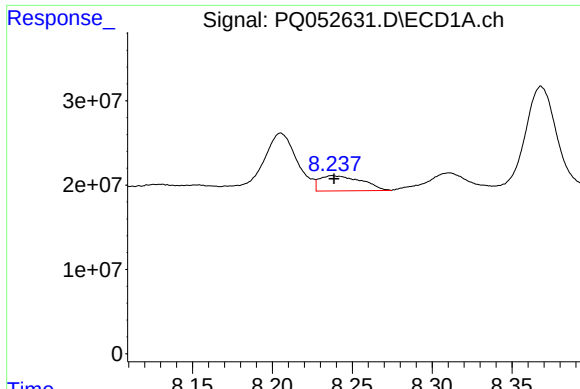
#30 AR-1254-5

R.T.: 8.796 min
Delta R.T.: 0.000 min
Response: 38723327
Conc: 29.64 ng/ml



#30 AR-1254-5

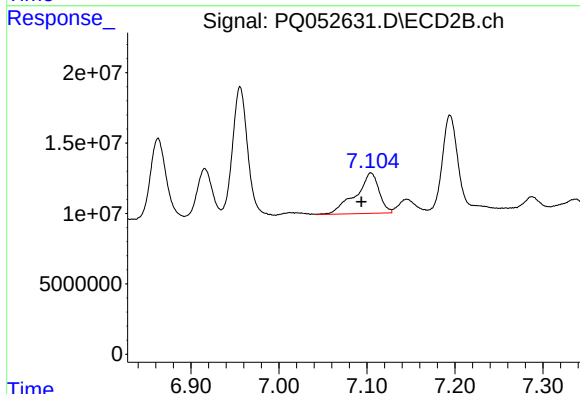
R.T.: 7.623 min
Delta R.T.: -0.001 min
Response: 27657431
Conc: 39.63 ng/ml



#31 AR-1260-1

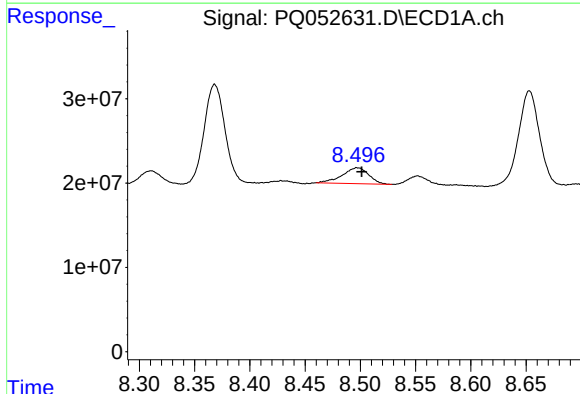
R.T.: 8.238 min
Delta R.T.: -0.001 min
Response: 33053250
Conc: 30.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



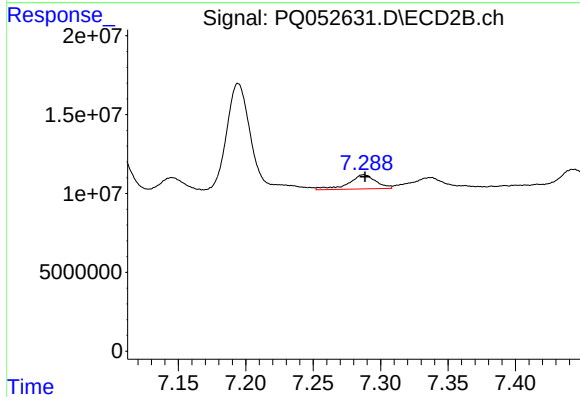
#31 AR-1260-1

R.T.: 7.105 min
Delta R.T.: 0.011 min
Response: 53138396
Conc: 120.83 ng/ml



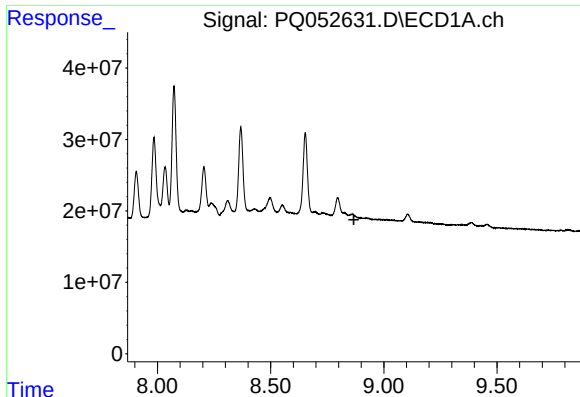
#32 AR-1260-2

R.T.: 8.497 min
Delta R.T.: -0.004 min
Response: 31400986
Conc: 22.86 ng/ml



#32 AR-1260-2

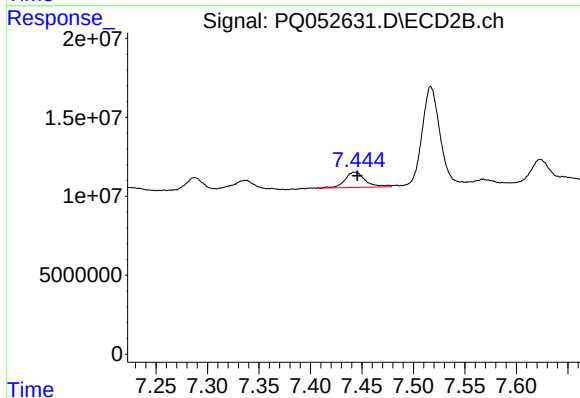
R.T.: 7.287 min
Delta R.T.: -0.001 min
Response: 12501178
Conc: 20.09 ng/ml



#33 AR-1260-3

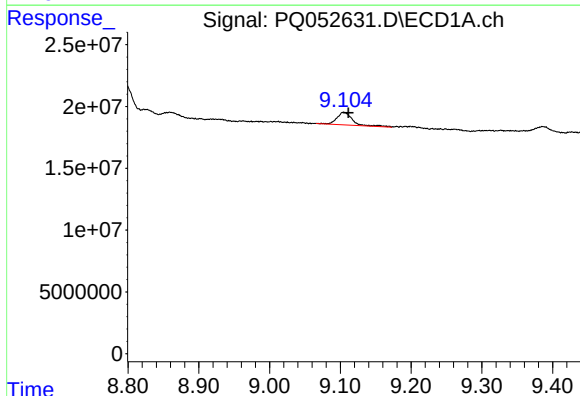
R.T.: 0.000 min
Exp R.T.: 8.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



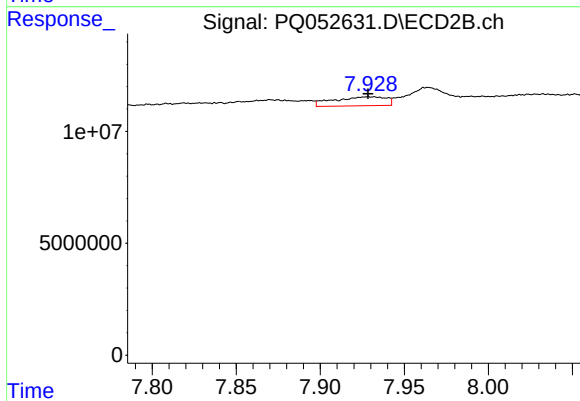
#33 AR-1260-3

R.T.: 7.443 min
Delta R.T.: -0.002 min
Response: 13369653
Conc: 24.88 ng/ml



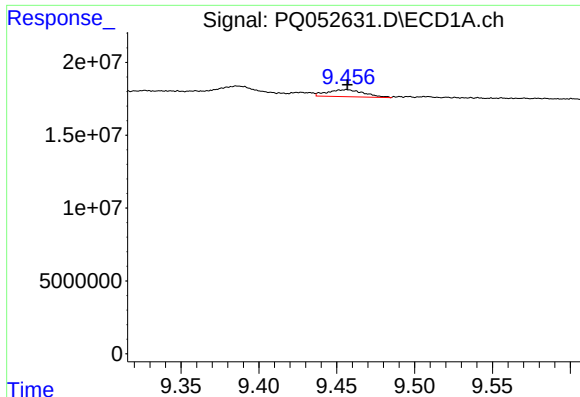
#34 AR-1260-4

R.T.: 9.105 min
Delta R.T.: -0.007 min
Response: 15574417
Conc: 12.65 ng/ml



#34 AR-1260-4

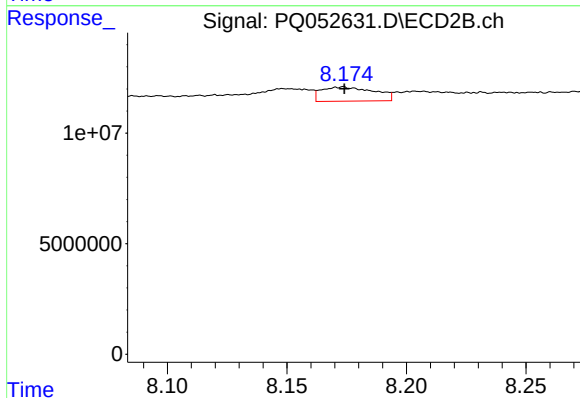
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 8704599
Conc: 18.07 ng/ml



#35 AR-1260-5

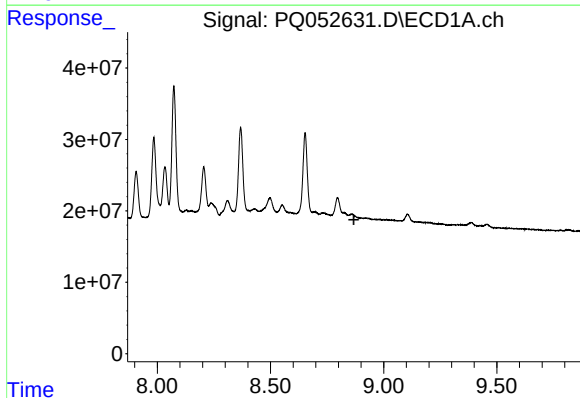
R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 7736613
Conc: 2.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



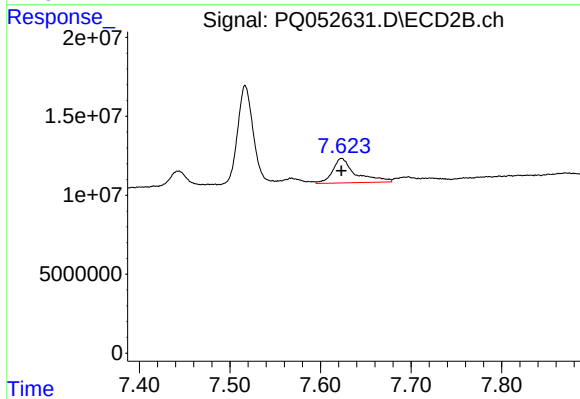
#35 AR-1260-5

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 9838823
Conc: 7.39 ng/ml



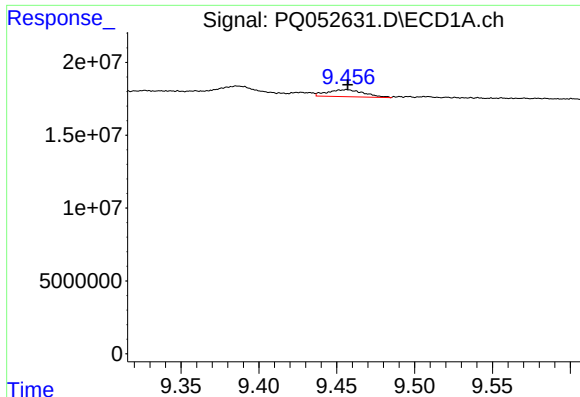
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.869 min
Response: 0
Conc: N.D.



#36 AR-1262-1

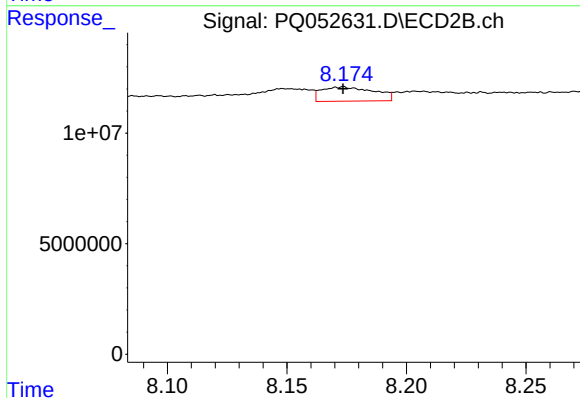
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 27657431
Conc: 72.69 ng/ml



#37 AR-1262-2

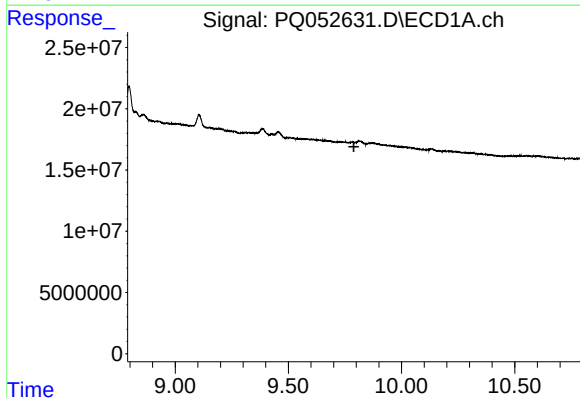
R.T.: 9.457 min
Delta R.T.: 0.000 min
Response: 7736613
Conc: 2.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



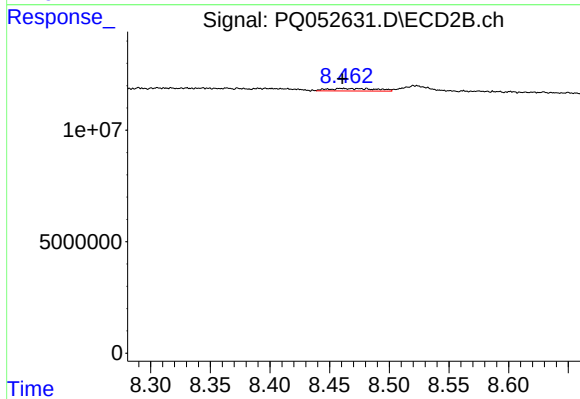
#37 AR-1262-2

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 9838823
Conc: 6.46 ng/ml



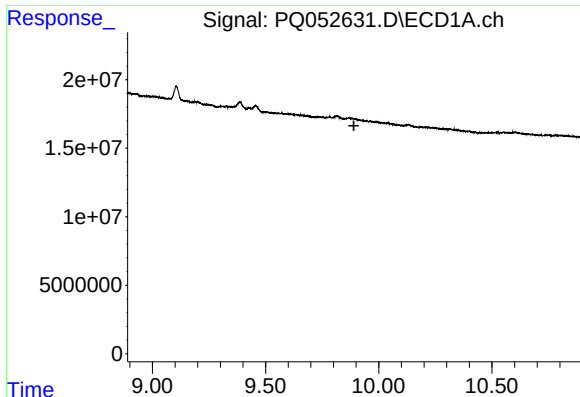
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.789 min
Response: 0
Conc: N.D.



#38 AR-1262-3

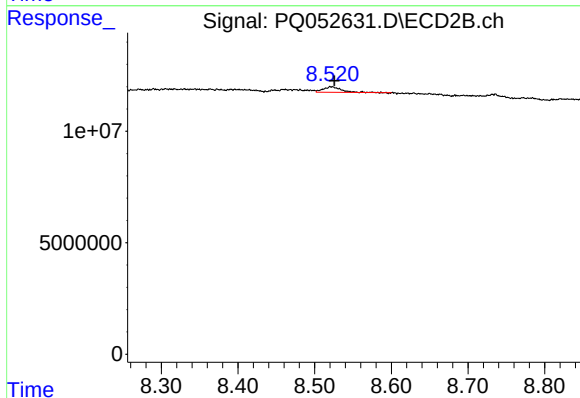
R.T.: 8.468 min
Delta R.T.: 0.007 min
Response: 3258447
Conc: 5.24 ng/ml



#39 AR-1262-4

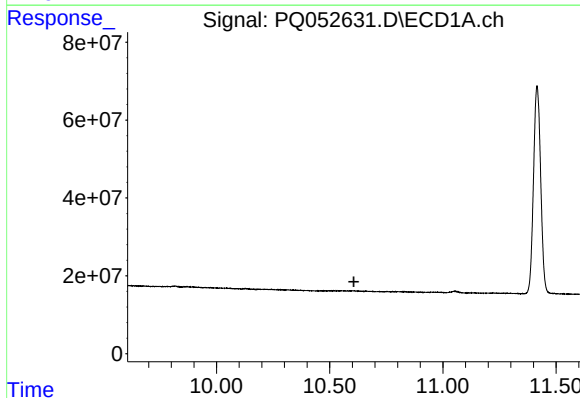
R.T.: 0.000 min
Exp R.T. : 9.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



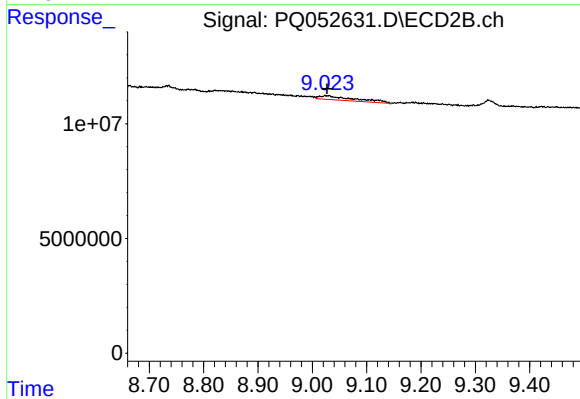
#39 AR-1262-4

R.T.: 8.522 min
Delta R.T.: -0.004 min
Response: 3912838
Conc: 3.72 ng/ml



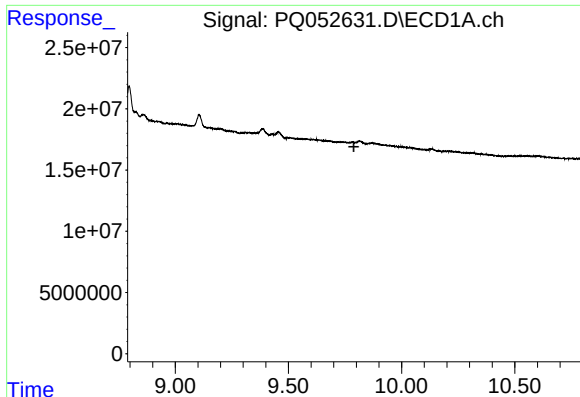
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 10.607 min
Response: 0
Conc: N.D.



#40 AR-1262-5

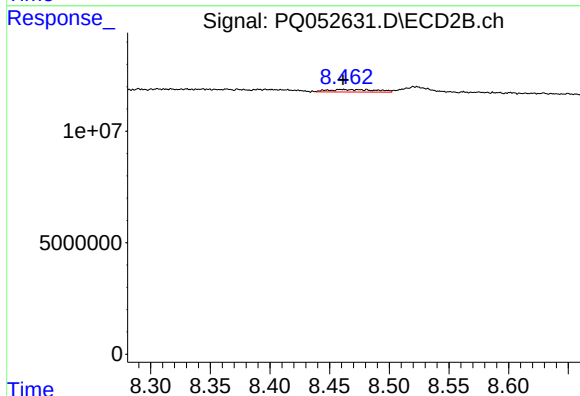
R.T.: 9.027 min
Delta R.T.: 0.000 min
Response: 8327688
Conc: 17.92 ng/ml



#41 AR-1268-1

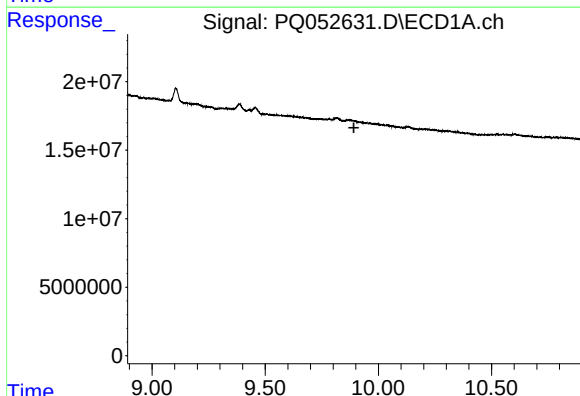
R.T.: 0.000 min
Exp R.T. : 9.789 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



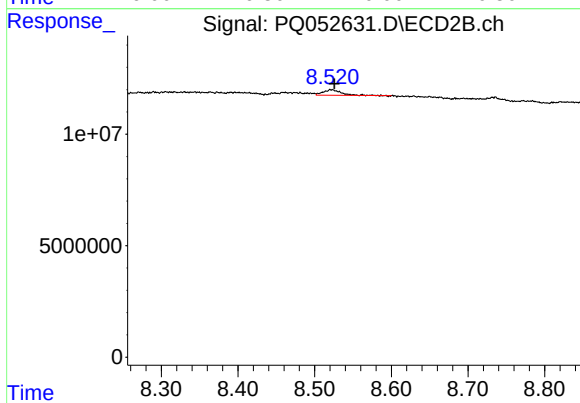
#41 AR-1268-1

R.T.: 8.468 min
Delta R.T.: 0.007 min
Response: 3258447
Conc: 1.82 ng/ml



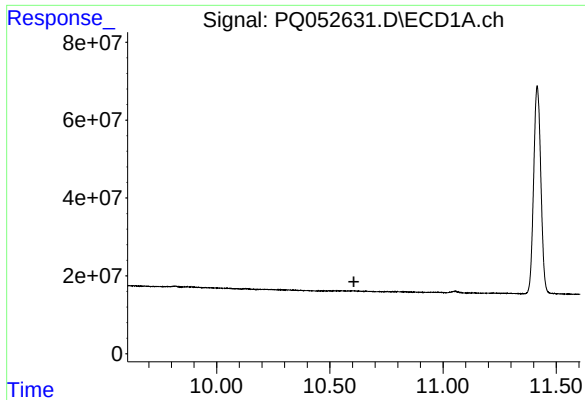
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.892 min
Response: 0
Conc: N.D.



#42 AR-1268-2

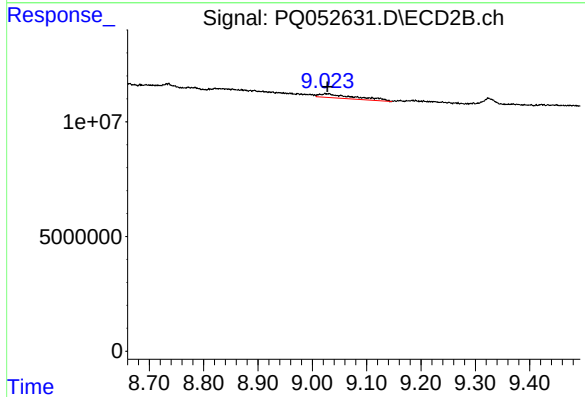
R.T.: 8.522 min
Delta R.T.: -0.004 min
Response: 3912838
Conc: 2.56 ng/ml



#44 AR-1268-4

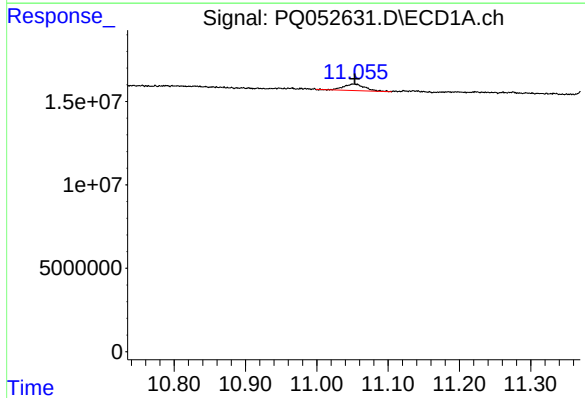
R.T.: 0.000 min
Exp R.T.: 10.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



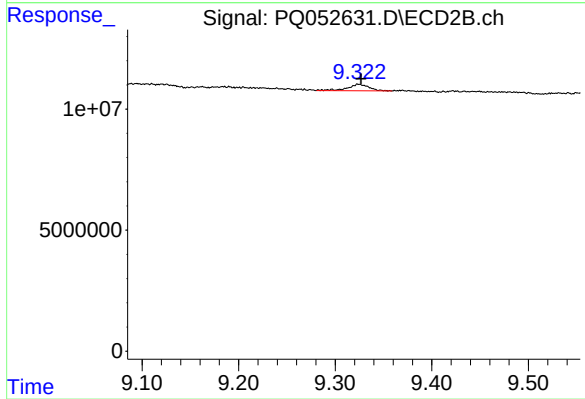
#44 AR-1268-4

R.T.: 9.027 min
Delta R.T.: -0.001 min
Response: 8327688
Conc: 16.64 ng/ml



#45 AR-1268-5

R.T.: 11.051 min
Delta R.T.: -0.002 min
Response: 8015720
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 9.325 min
Delta R.T.: -0.002 min
Response: 4007104
Conc: 1.06 ng/ml