

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
 Data File : PQ054489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2021 11:48
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:18:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 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...	5.202	4.206	1263.7E6	697.0E6	52.917	52.727
2)	SA Decachlor...	11.372	9.538	803.6E6	626.5E6	47.610	46.226
Target Compounds							
3)	L1 AR-1016-1	6.527	5.465	16872894	5727412	20.455	12.620 #
4)	L1 AR-1016-2	6.554	5.486	18678810	3600777	15.313	5.074 #
5)	L1 AR-1016-3	6.618	5.682	8286026	3112596	10.945	9.089
6)	L1 AR-1016-4	6.723	5.729	5877811	144.5E6	9.506	520.142 #
7)	L1 AR-1016-5	7.038	5.960	132.5E6	79632156	233.214	230.700
8)	L2 AR-1221-1	5.469f	0.000	6529571	0	25.346	N.D. #
9)	L2 AR-1221-2	5.560	4.563	15800954	12799178	82.661	134.336 #
10)	L2 AR-1221-3	5.641	4.652	9475763	3145520	15.810	9.847 #
11)	L3 AR-1232-1	5.641	4.652	9475763	3145520	20.478	13.149 #
12)	L3 AR-1232-2	6.227	5.486	13146928	3600777	46.447	11.599 #
13)	L3 AR-1232-3	6.554	5.682	18678810	3112596	35.524	21.600 #
14)	L3 AR-1232-4	6.723	5.773	5877811	41758052	22.001	330.572 #
15)	L3 AR-1232-5	6.819	5.960	234.5E6	79632156	1160.001	549.065 #
16)	L4 AR-1242-1	6.527	5.465	16872894	5727412	28.644	17.755 #
17)	L4 AR-1242-2	6.554	5.486	18678810	3600777	20.818	7.066 #
18)	L4 AR-1242-3	6.618	5.682	8286026	3112596	14.745	12.122
19)	L4 AR-1242-4	6.723	5.773	5877811	41758052	12.848	164.993 #
20)	L4 AR-1242-5	7.509	6.339	125.9E6	396.1E6	268.977	1114.997 #
21)	L5 AR-1248-1	6.527	5.465	16872894	5727412	33.712	21.890 #
22)	L5 AR-1248-2	6.819	5.729	234.5E6	144.5E6	361.012	405.610
23)	L5 AR-1248-3	7.038	5.773	132.5E6	41758052	185.278	117.428 #
24)	L5 AR-1248-4	7.467	5.960	199.6E6	79632156	252.258	185.381 #
25)	L5 AR-1248-5	7.509	6.383	125.9E6	41889604	156.945	97.776 #
26)	L6 AR-1254-1	7.436	6.339	430.7E6	396.1E6	494.465	519.992
27)	L6 AR-1254-2	7.663	6.498	662.7E6	358.7E6	495.423	512.643
28)	L6 AR-1254-3	8.047	6.918	691.5E6	565.3E6	496.477	512.792
29)	L6 AR-1254-4	8.342	7.157	505.9E6	386.7E6	474.891	511.370
30)	L6 AR-1254-5	8.771	7.585	556.2E6	552.2E6	483.959	498.968
31)	L7 AR-1260-1	8.212	7.055	272.6E6	275.7E6	274.684	367.126 #
32)	L7 AR-1260-2	8.474	7.250	305.2E6	270.0E6	259.368	260.904
33)	L7 AR-1260-3	8.835	7.404	68901008	238.0E6	89.962	269.232 #
34)	L7 AR-1260-4	9.078	7.888	211.2E6	24401674	226.096	35.264 #
35)	L7 AR-1260-5	9.427	8.135	91176415	71370743	49.458	37.341
36)	L8 AR-1262-1	8.835	7.585	68901008	552.2E6	58.639	1068.784 #
37)	L8 AR-1262-2	9.427	8.135	91176415	71370743	42.038	32.223
38)	L8 AR-1262-3	9.785f	8.422	66292403	-674325	74.426	N.D. #
39)	L8 AR-1262-4	9.838f	8.483	15021751	61292743	26.629	40.302 #
40)	L8 AR-1262-5	10.566	8.987	4288968	2397695	5.581	3.491 #
42)	L9 AR-1268-2	9.838f	8.483	15021751	61292743	6.568	26.604 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ091421\
 Data File : PQ054489.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2021 11:48
 Operator : AJ\MA
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 01:18:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 Response via : Initial Calibration
 Integrator: ChemStation

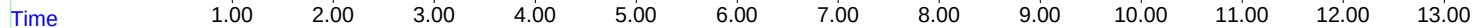
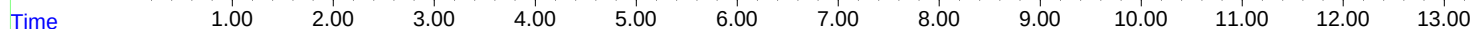
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

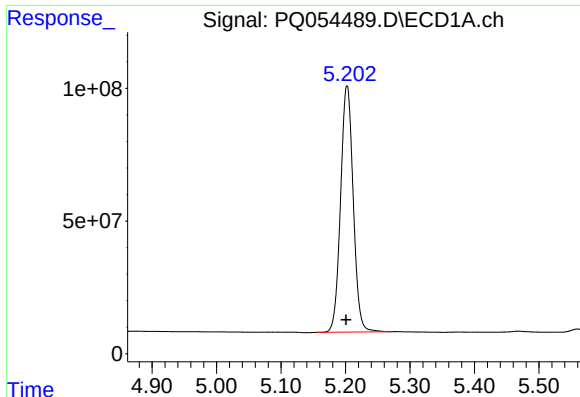
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	10.566	8.987	4288968	2397695	5.026	3.084 #
45) L9	AR-1268-5	11.012	9.282	5702067	4237623	0.904	0.737

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

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500

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

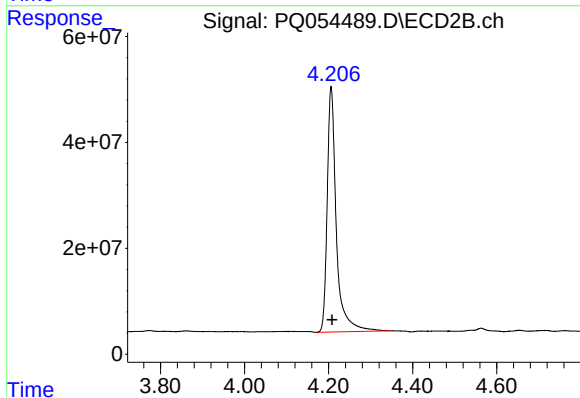




#1 Tetrachloro-m-xylene

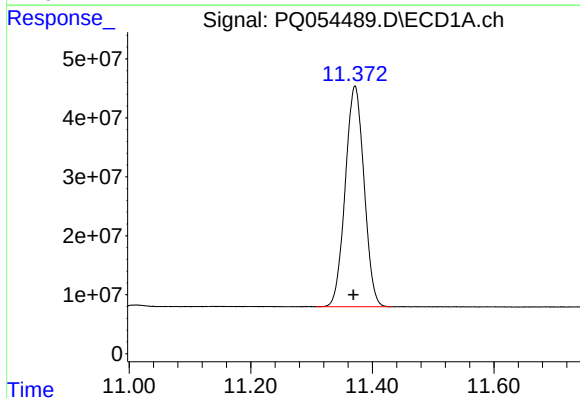
R.T.: 5.202 min
Delta R.T.: 0.001 min
Response: 1263726548
Conc: 52.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



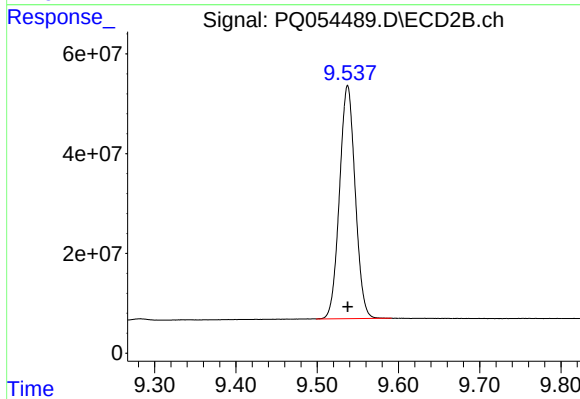
#1 Tetrachloro-m-xylene

R.T.: 4.206 min
Delta R.T.: -0.002 min
Response: 697041863
Conc: 52.73 ng/ml



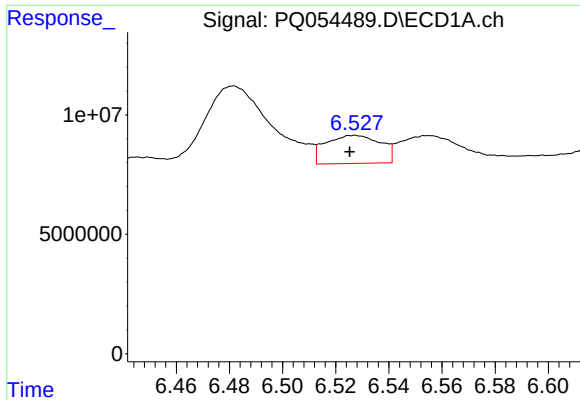
#2 Decachlorobiphenyl

R.T.: 11.372 min
Delta R.T.: 0.003 min
Response: 803563194
Conc: 47.61 ng/ml



#2 Decachlorobiphenyl

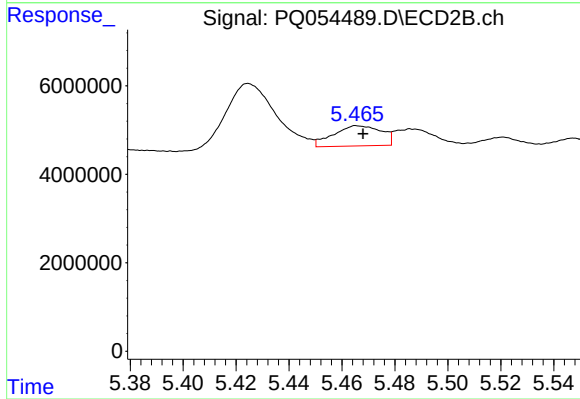
R.T.: 9.538 min
Delta R.T.: 0.000 min
Response: 626455722
Conc: 46.23 ng/ml



#3 AR-1016-1

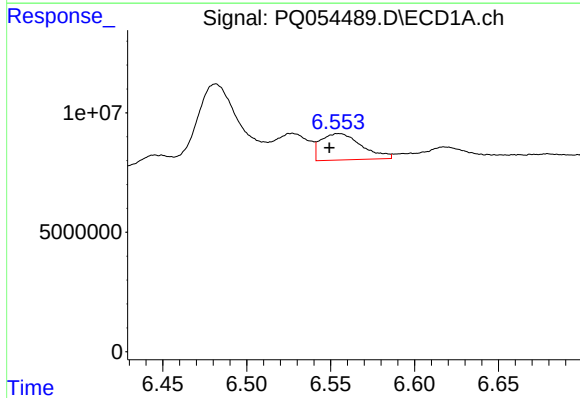
R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 16872894
Conc: 20.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



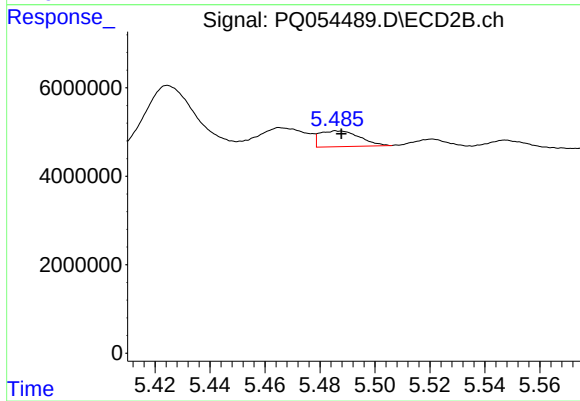
#3 AR-1016-1

R.T.: 5.465 min
Delta R.T.: -0.003 min
Response: 5727412
Conc: 12.62 ng/ml



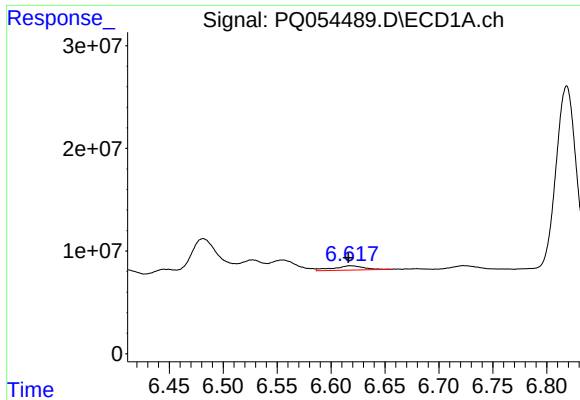
#4 AR-1016-2

R.T.: 6.554 min
Delta R.T.: 0.005 min
Response: 18678810
Conc: 15.31 ng/ml



#4 AR-1016-2

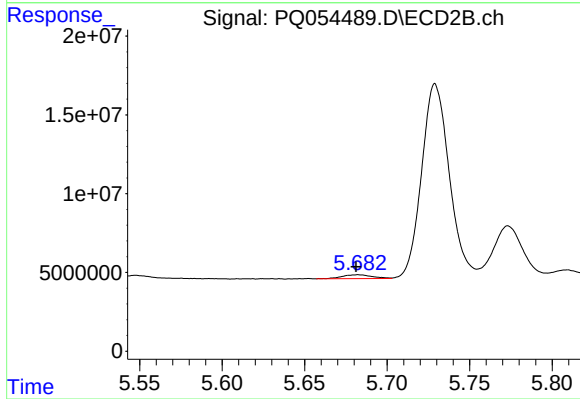
R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 3600777
Conc: 5.07 ng/ml



#5 AR-1016-3

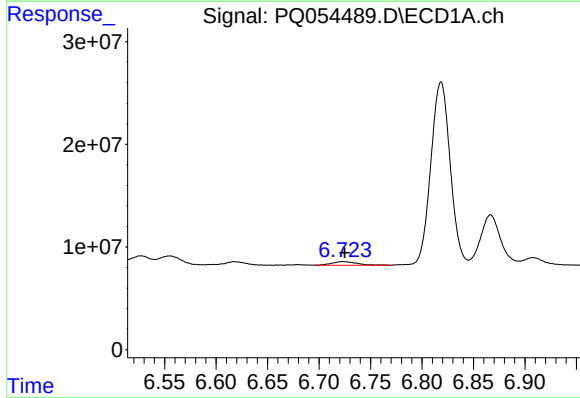
R.T.: 6.618 min
Delta R.T.: 0.001 min
Response: 8286026
Conc: 10.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



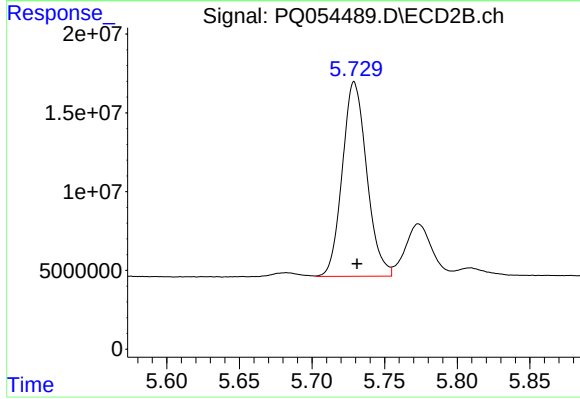
#5 AR-1016-3

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 3112596
Conc: 9.09 ng/ml



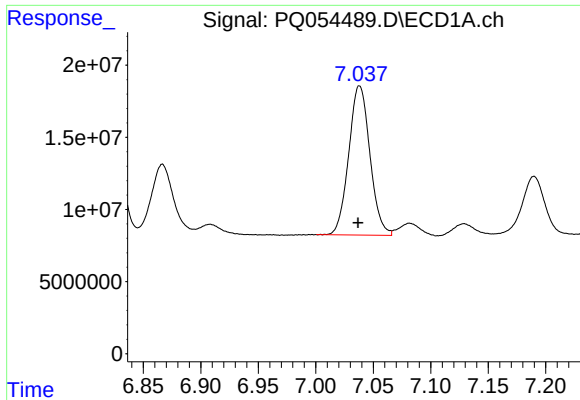
#6 AR-1016-4

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 5877811
Conc: 9.51 ng/ml



#6 AR-1016-4

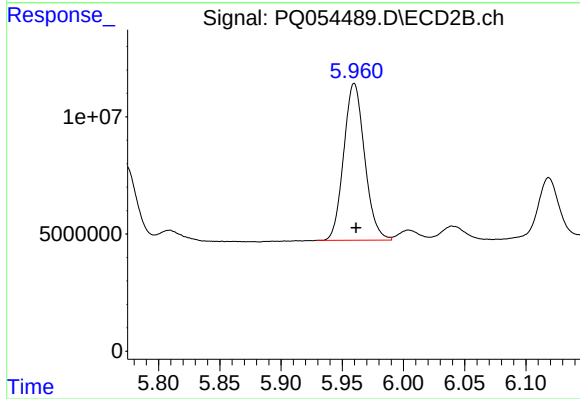
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 144468889
Conc: 520.14 ng/ml



#7 AR-1016-5

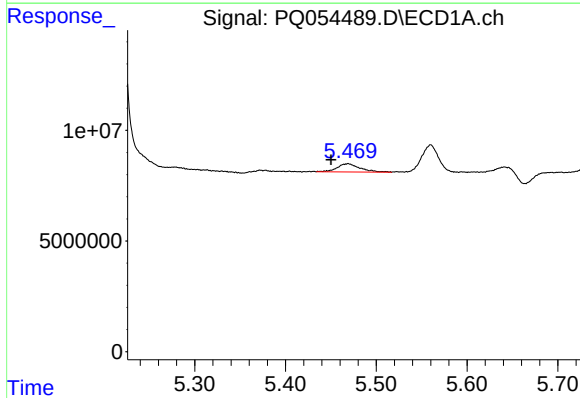
R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 132498060
Conc: 233.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



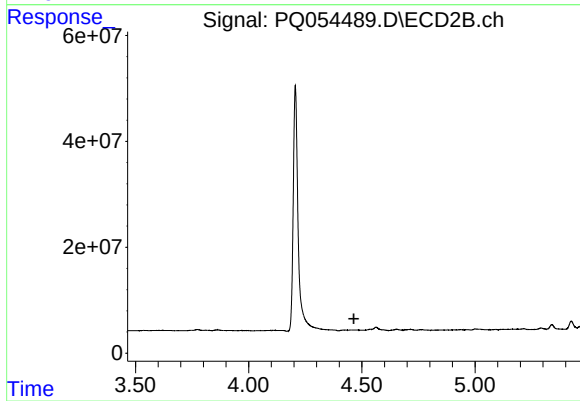
#7 AR-1016-5

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 79632156
Conc: 230.70 ng/ml



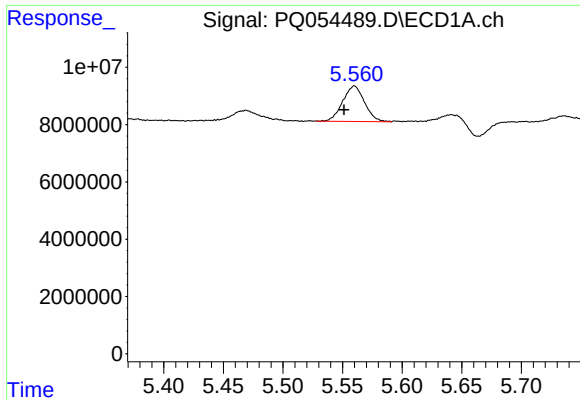
#8 AR-1221-1

R.T.: 5.469 min
Delta R.T.: 0.019 min
Response: 6529571
Conc: 25.35 ng/ml



#8 AR-1221-1

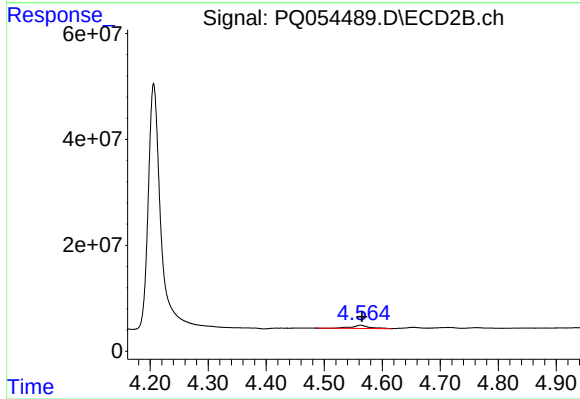
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

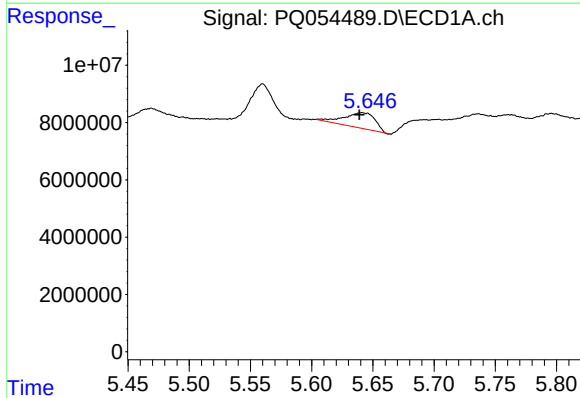
R.T.: 5.560 min
Delta R.T.: 0.009 min
Response: 15800954
Conc: 82.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



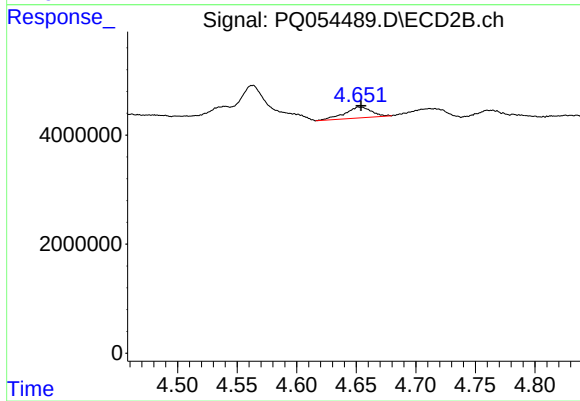
#9 AR-1221-2

R.T.: 4.563 min
Delta R.T.: -0.002 min
Response: 12799178
Conc: 134.34 ng/ml



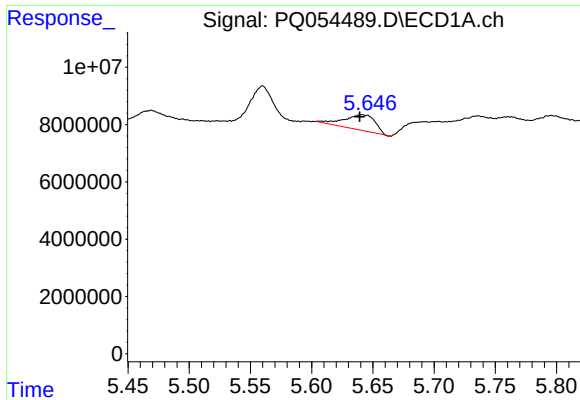
#10 AR-1221-3

R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 9475763
Conc: 15.81 ng/ml



#10 AR-1221-3

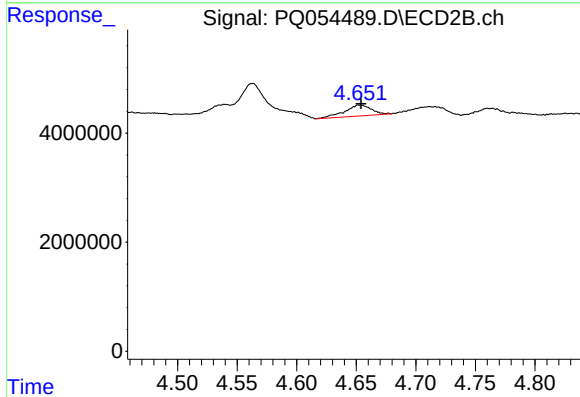
R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 3145520
Conc: 9.85 ng/ml



#11 AR-1232-1

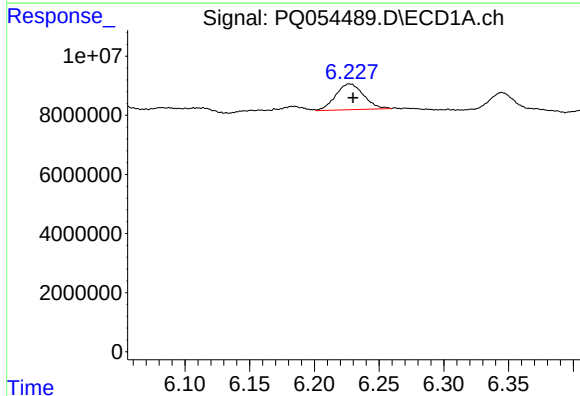
R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 9475763
Conc: 20.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



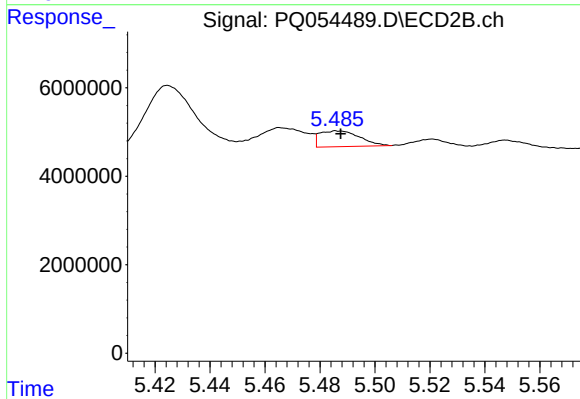
#11 AR-1232-1

R.T.: 4.652 min
Delta R.T.: -0.002 min
Response: 3145520
Conc: 13.15 ng/ml



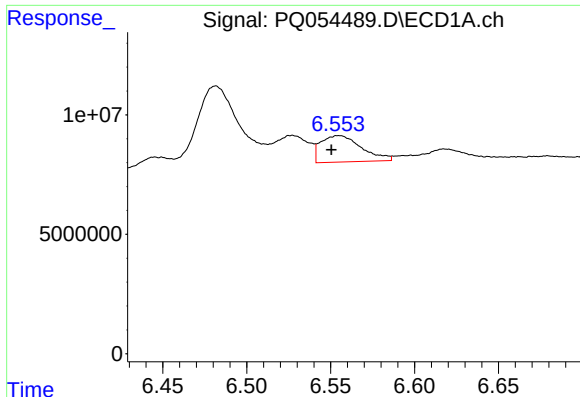
#12 AR-1232-2

R.T.: 6.227 min
Delta R.T.: -0.003 min
Response: 13146928
Conc: 46.45 ng/ml



#12 AR-1232-2

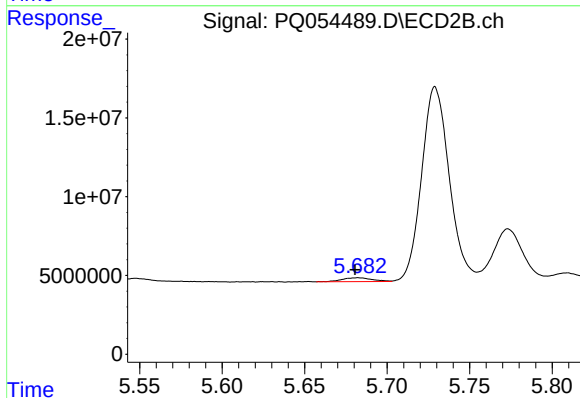
R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 3600777
Conc: 11.60 ng/ml



#13 AR-1232-3

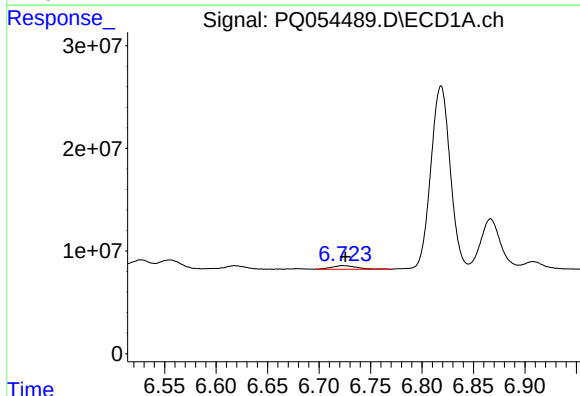
R.T.: 6.554 min
Delta R.T.: 0.004 min
Response: 18678810
Conc: 35.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



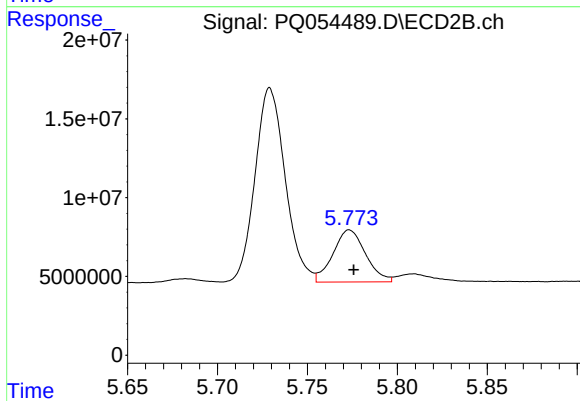
#13 AR-1232-3

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 3112596
Conc: 21.60 ng/ml



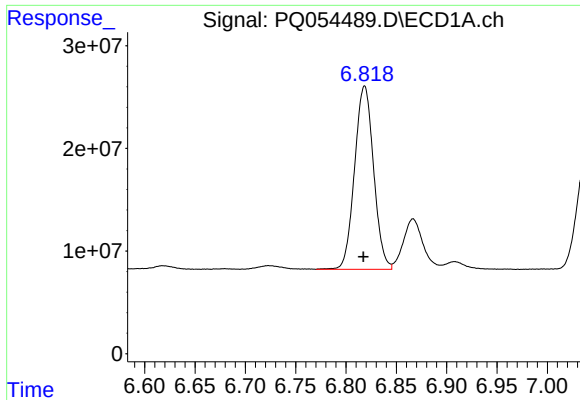
#14 AR-1232-4

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 5877811
Conc: 22.00 ng/ml



#14 AR-1232-4

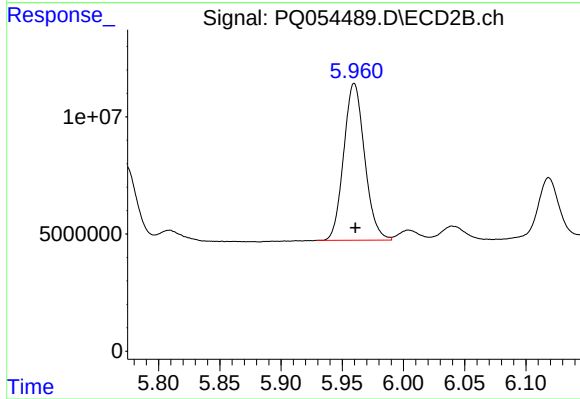
R.T.: 5.773 min
Delta R.T.: -0.003 min
Response: 41758052
Conc: 330.57 ng/ml



#15 AR-1232-5

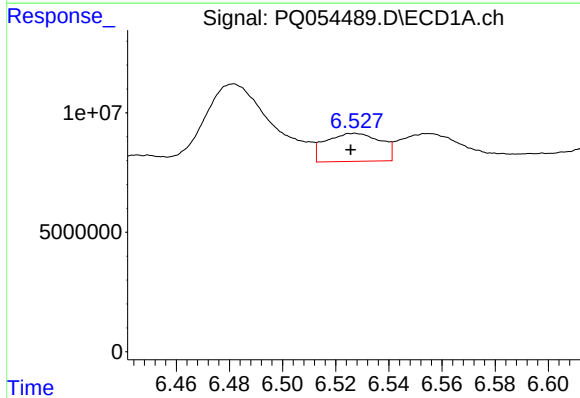
R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 234545952
Conc: 1160.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



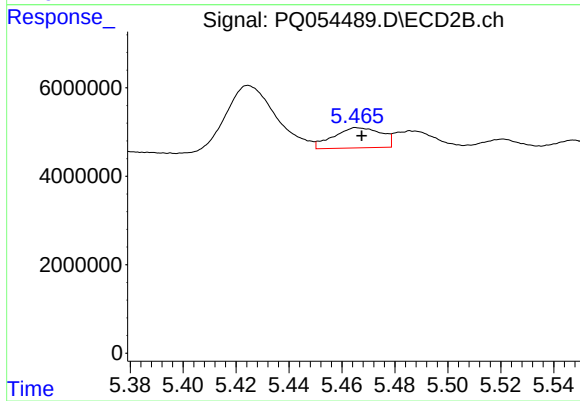
#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 79632156
Conc: 549.06 ng/ml



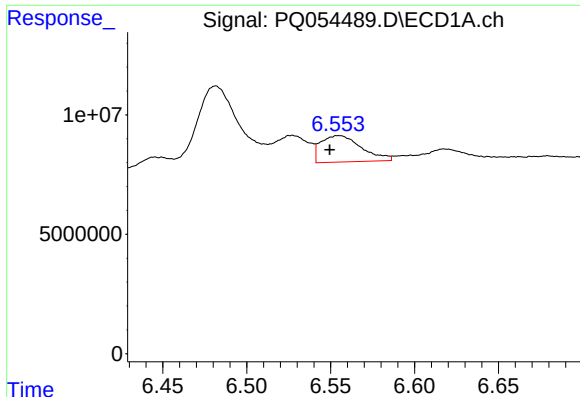
#16 AR-1242-1

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 16872894
Conc: 28.64 ng/ml



#16 AR-1242-1

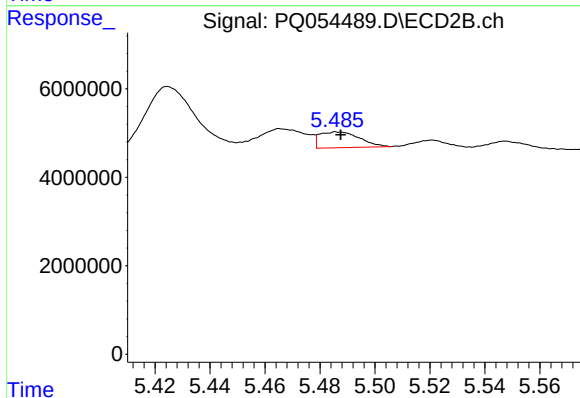
R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 5727412
Conc: 17.75 ng/ml



#17 AR-1242-2

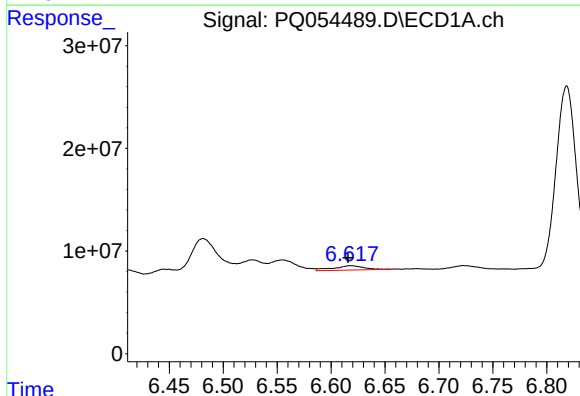
R.T.: 6.554 min
Delta R.T.: 0.005 min
Response: 18678810
Conc: 20.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



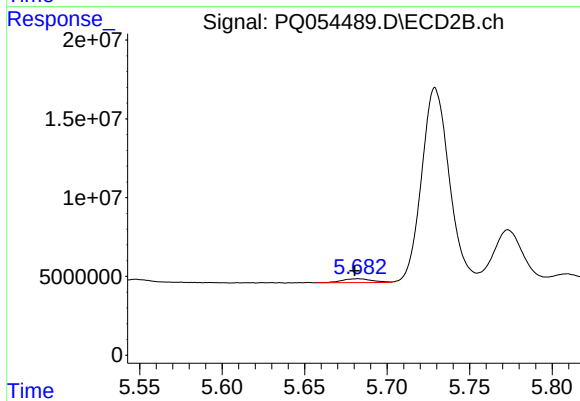
#17 AR-1242-2

R.T.: 5.486 min
Delta R.T.: -0.001 min
Response: 3600777
Conc: 7.07 ng/ml



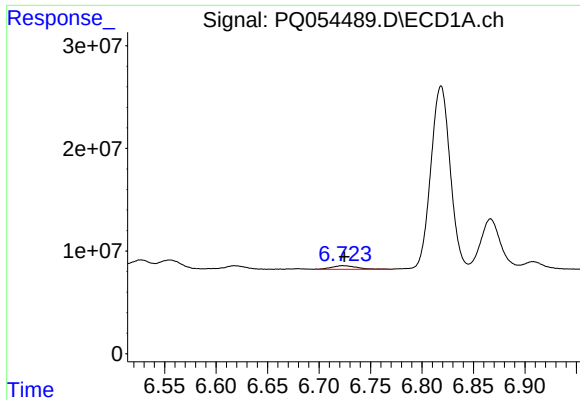
#18 AR-1242-3

R.T.: 6.618 min
Delta R.T.: 0.002 min
Response: 8286026
Conc: 14.75 ng/ml



#18 AR-1242-3

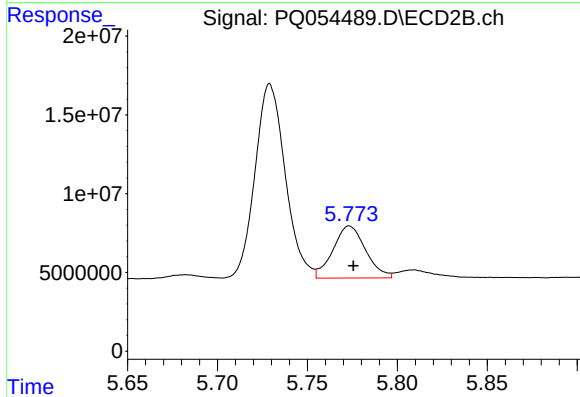
R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 3112596
Conc: 12.12 ng/ml



#19 AR-1242-4

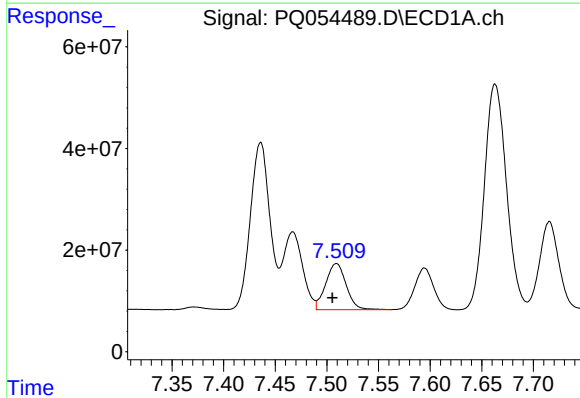
R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 5877811
Conc: 12.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



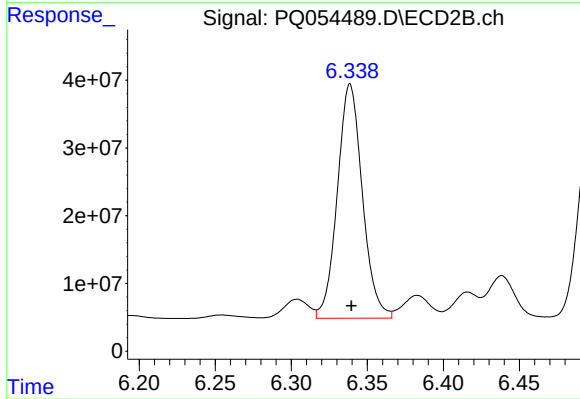
#19 AR-1242-4

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 41758052
Conc: 164.99 ng/ml



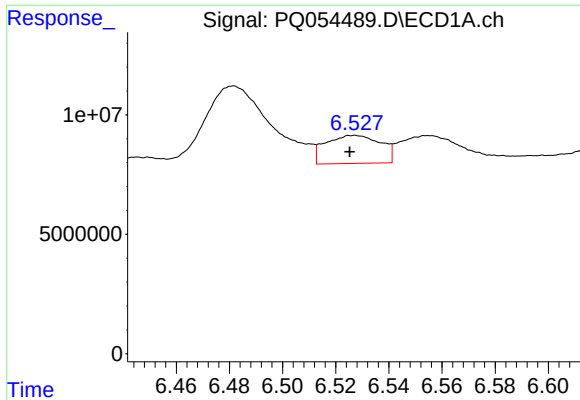
#20 AR-1242-5

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 125942707
Conc: 268.98 ng/ml



#20 AR-1242-5

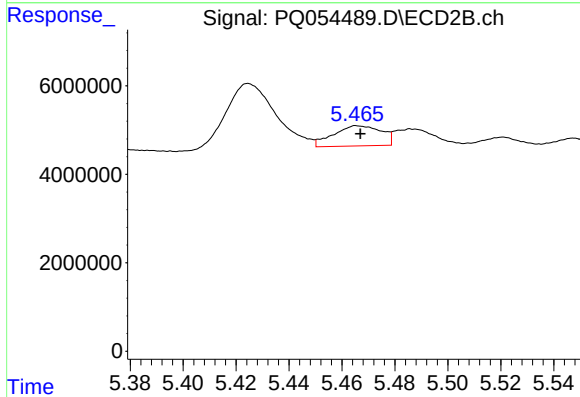
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 396133397
Conc: 1115.00 ng/ml



#21 AR-1248-1

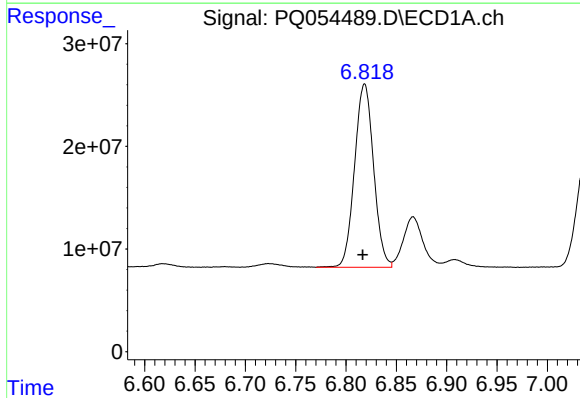
R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 16872894
Conc: 33.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



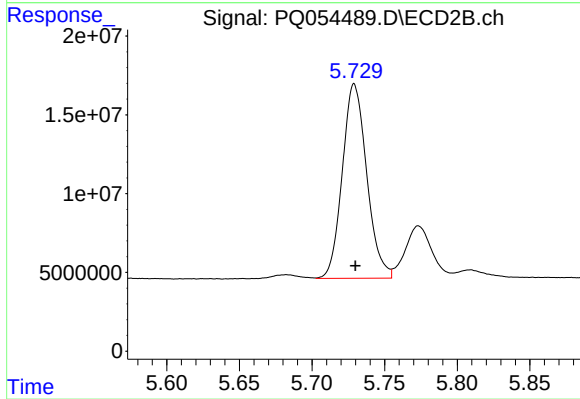
#21 AR-1248-1

R.T.: 5.465 min
Delta R.T.: -0.002 min
Response: 5727412
Conc: 21.89 ng/ml



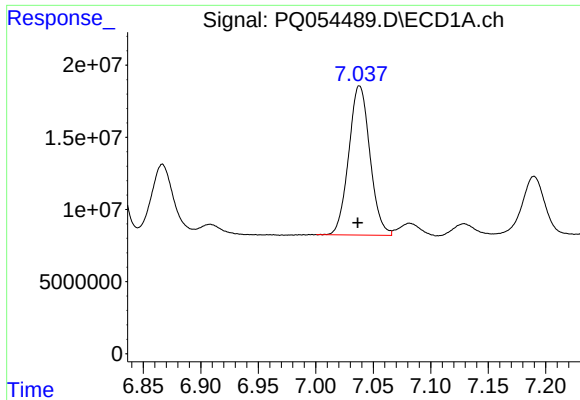
#22 AR-1248-2

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 234545952
Conc: 361.01 ng/ml



#22 AR-1248-2

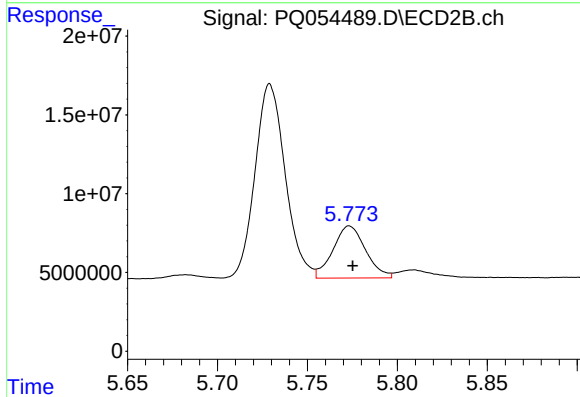
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 144468889
Conc: 405.61 ng/ml



#23 AR-1248-3

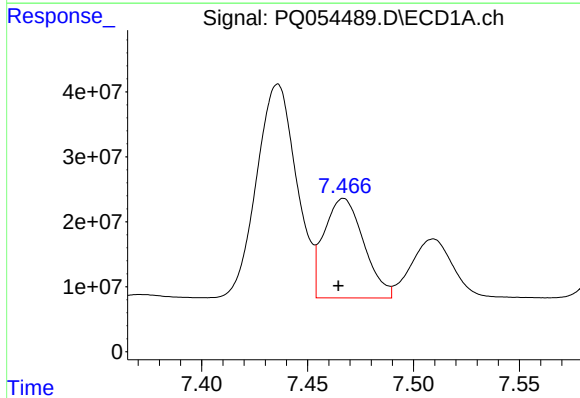
R.T.: 7.038 min
Delta R.T.: 0.002 min
Response: 132498060
Conc: 185.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



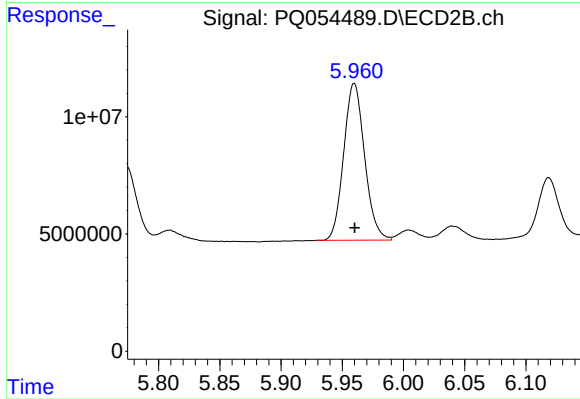
#23 AR-1248-3

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 41758052
Conc: 117.43 ng/ml



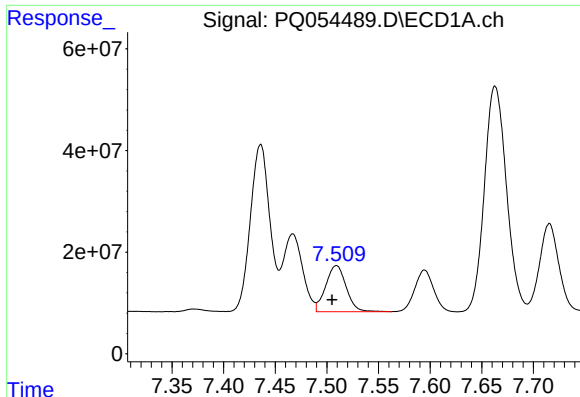
#24 AR-1248-4

R.T.: 7.467 min
Delta R.T.: 0.002 min
Response: 199561354
Conc: 252.26 ng/ml



#24 AR-1248-4

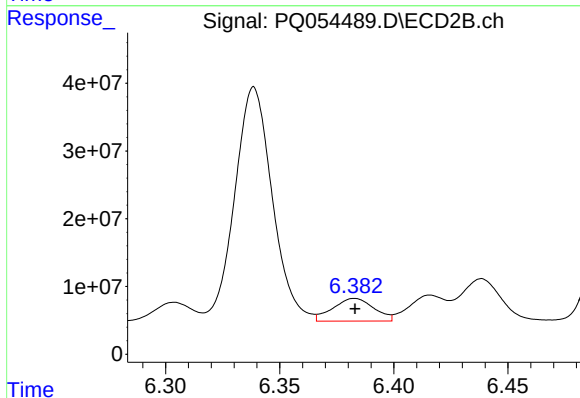
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 79632156
Conc: 185.38 ng/ml



#25 AR-1248-5

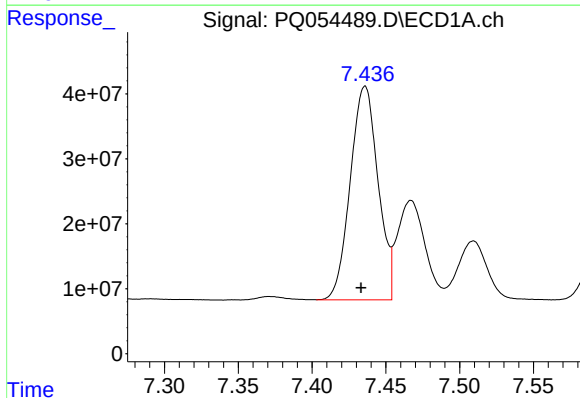
R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 125942707
Conc: 156.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



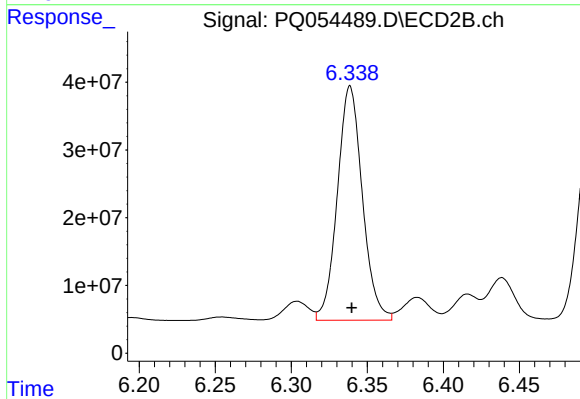
#25 AR-1248-5

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 41889604
Conc: 97.78 ng/ml



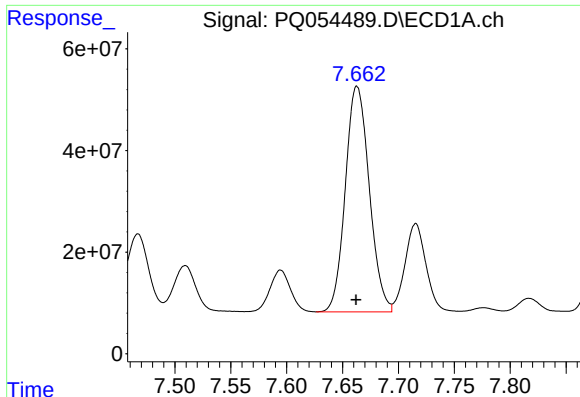
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: 0.003 min
Response: 430720769
Conc: 494.46 ng/ml



#26 AR-1254-1

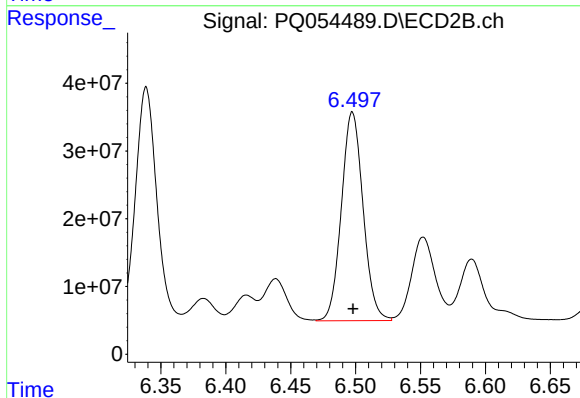
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 396133397
Conc: 519.99 ng/ml



#27 AR-1254-2

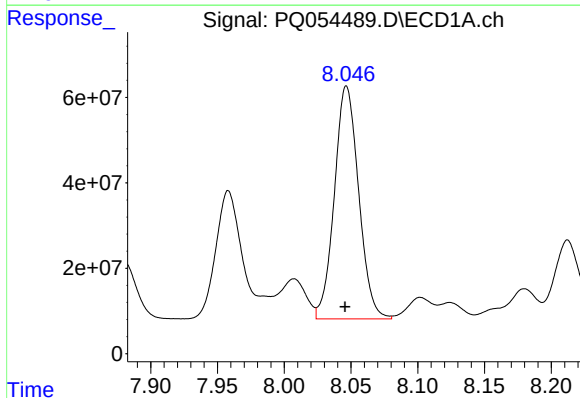
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 662678646
Conc: 495.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



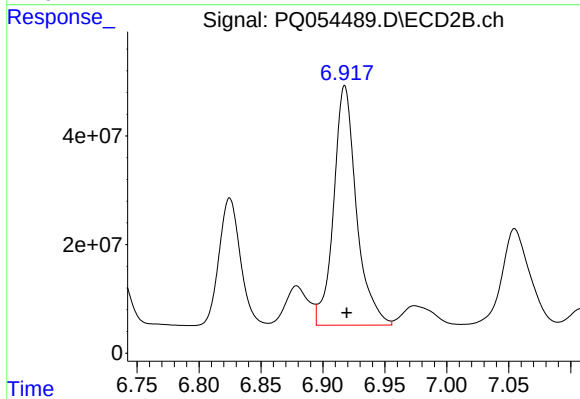
#27 AR-1254-2

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 358738507
Conc: 512.64 ng/ml



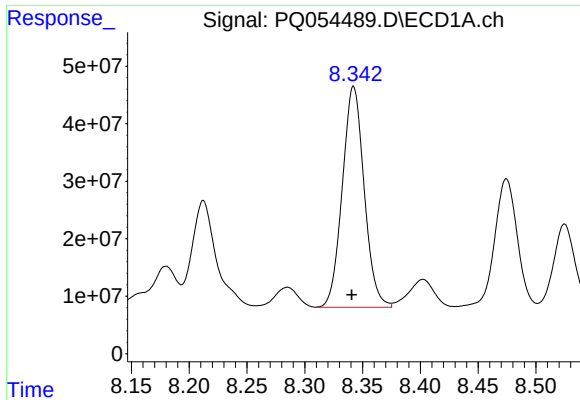
#28 AR-1254-3

R.T.: 8.047 min
Delta R.T.: 0.001 min
Response: 691465495
Conc: 496.48 ng/ml



#28 AR-1254-3

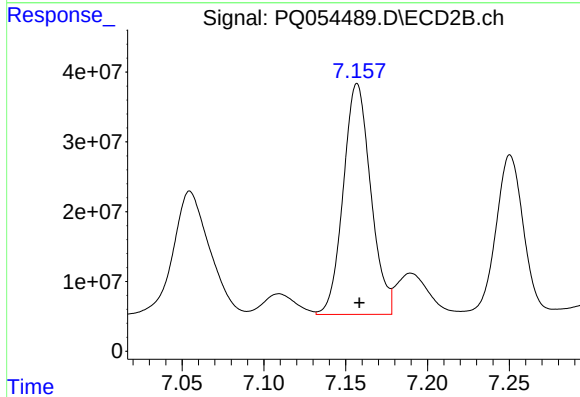
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 565312899
Conc: 512.79 ng/ml



#29 AR-1254-4

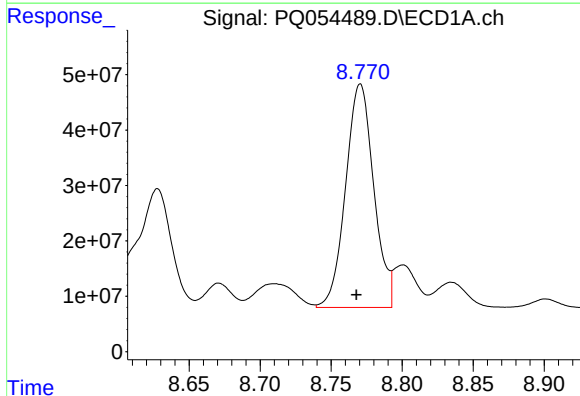
R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 505908423
Conc: 474.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



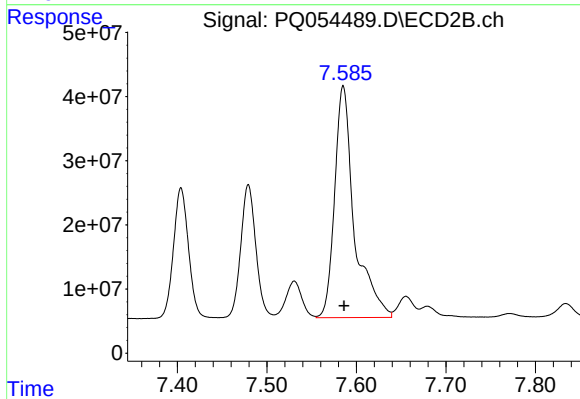
#29 AR-1254-4

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 386655039
Conc: 511.37 ng/ml



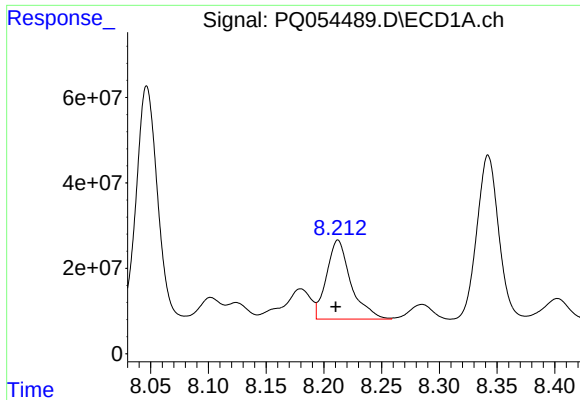
#30 AR-1254-5

R.T.: 8.771 min
Delta R.T.: 0.003 min
Response: 556204923
Conc: 483.96 ng/ml



#30 AR-1254-5

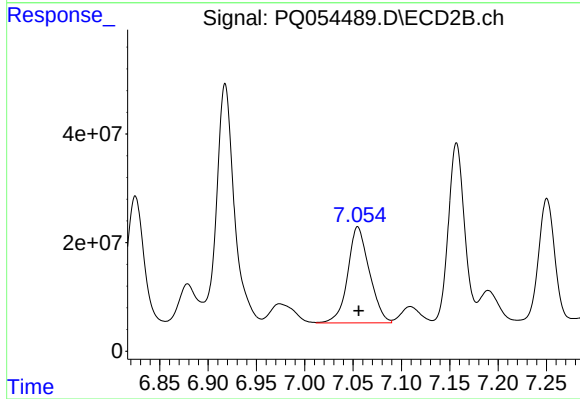
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 552218701
Conc: 498.97 ng/ml



#31 AR-1260-1

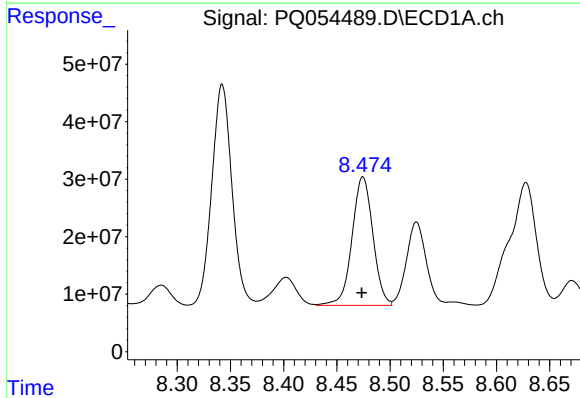
R.T.: 8.212 min
Delta R.T.: 0.002 min
Response: 272594782
Conc: 274.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



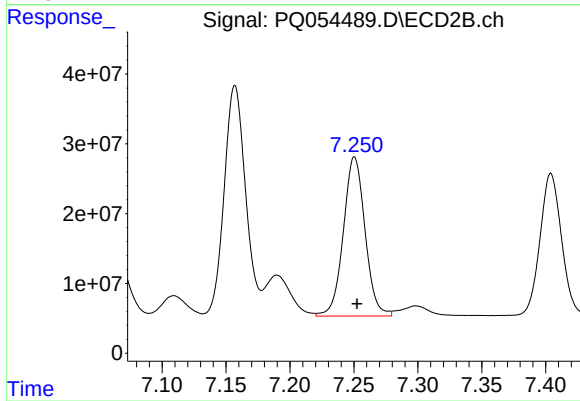
#31 AR-1260-1

R.T.: 7.055 min
Delta R.T.: -0.001 min
Response: 275702842
Conc: 367.13 ng/ml



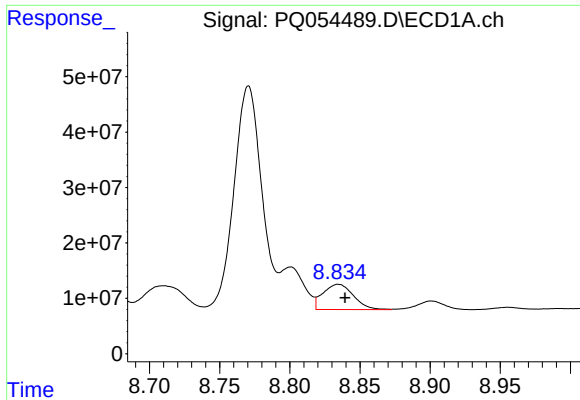
#32 AR-1260-2

R.T.: 8.474 min
Delta R.T.: 0.001 min
Response: 305200728
Conc: 259.37 ng/ml



#32 AR-1260-2

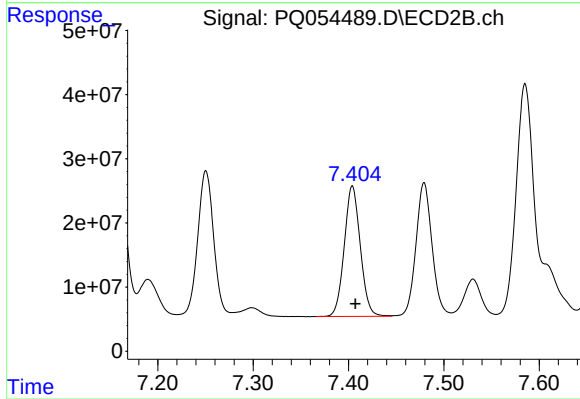
R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 270009306
Conc: 260.90 ng/ml



#33 AR-1260-3

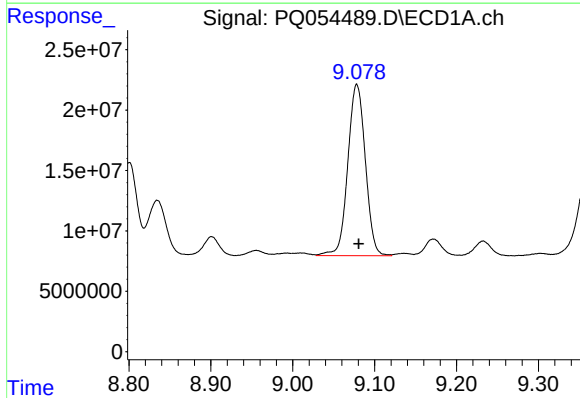
R.T.: 8.835 min
Delta R.T.: -0.005 min
Response: 68901008
Conc: 89.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



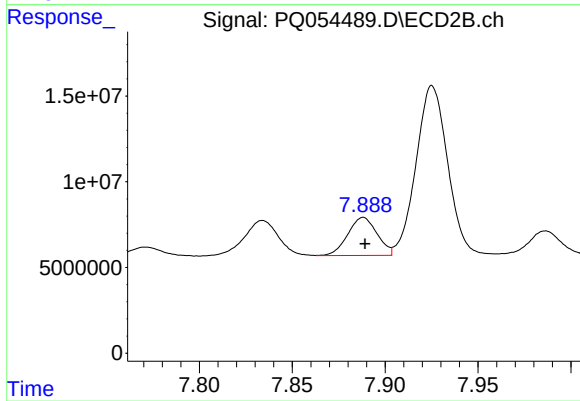
#33 AR-1260-3

R.T.: 7.404 min
Delta R.T.: -0.003 min
Response: 238041341
Conc: 269.23 ng/ml



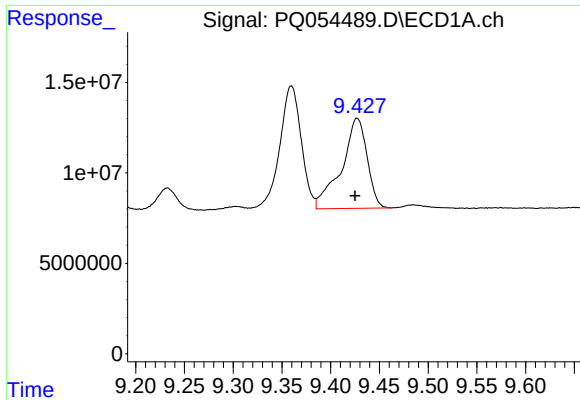
#34 AR-1260-4

R.T.: 9.078 min
Delta R.T.: -0.002 min
Response: 211194205
Conc: 226.10 ng/ml



#34 AR-1260-4

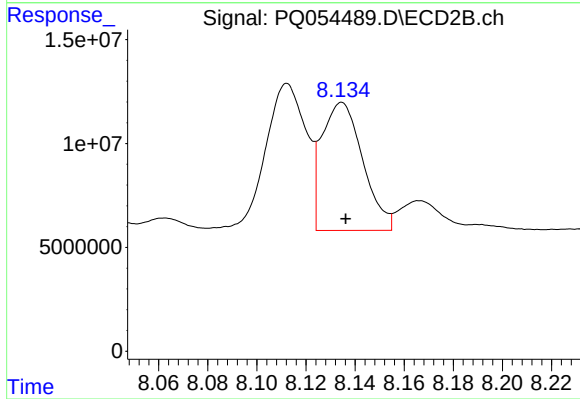
R.T.: 7.888 min
Delta R.T.: -0.001 min
Response: 24401674
Conc: 35.26 ng/ml



#35 AR-1260-5

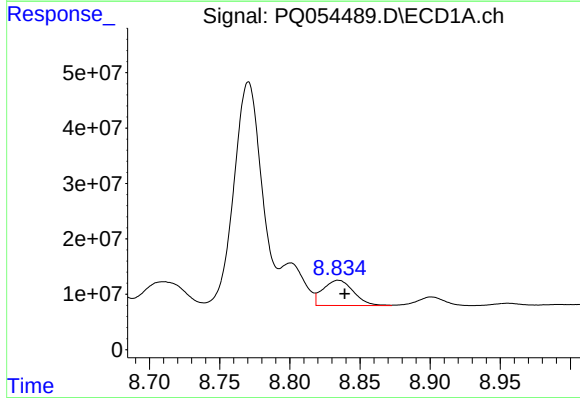
R.T.: 9.427 min
Delta R.T.: 0.002 min
Response: 91176415
Conc: 49.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



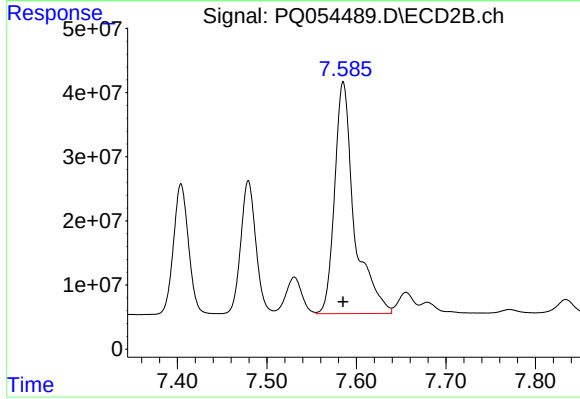
#35 AR-1260-5

R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 71370743
Conc: 37.34 ng/ml



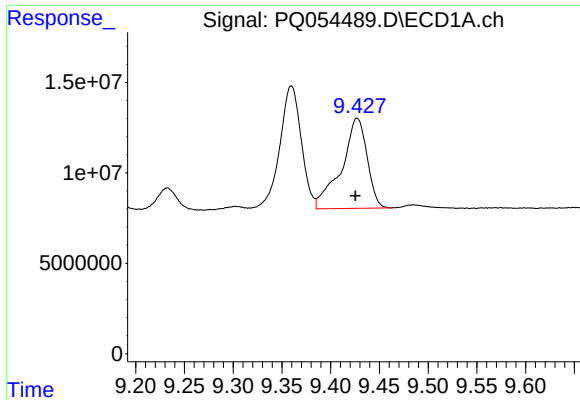
#36 AR-1262-1

R.T.: 8.835 min
Delta R.T.: -0.005 min
Response: 68901008
Conc: 58.64 ng/ml



#36 AR-1262-1

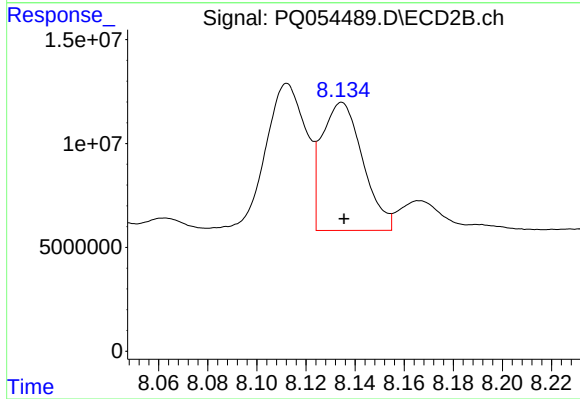
R.T.: 7.585 min
Delta R.T.: 0.000 min
Response: 552218701
Conc: 1068.78 ng/ml



#37 AR-1262-2

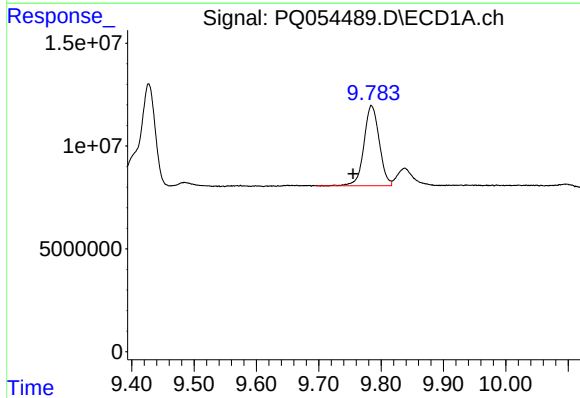
R.T.: 9.427 min
Delta R.T.: 0.002 min
Response: 91176415
Conc: 42.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



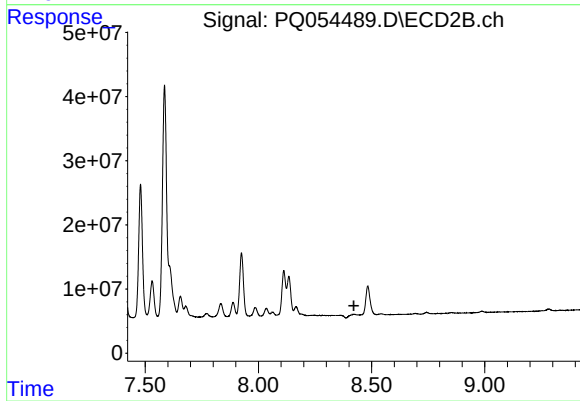
#37 AR-1262-2

R.T.: 8.135 min
Delta R.T.: 0.000 min
Response: 71370743
Conc: 32.22 ng/ml



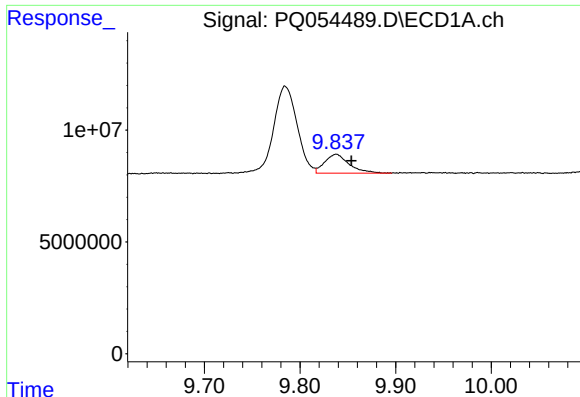
#38 AR-1262-3

R.T.: 9.785 min
Delta R.T.: 0.030 min
Response: 66292403
Conc: 74.43 ng/ml



#38 AR-1262-3

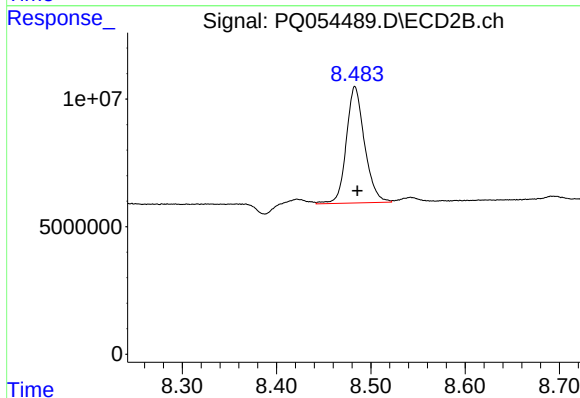
R.T.: 8.422 min
Delta R.T.: 0.000 min
Response: -674325
Conc: N.D.



#39 AR-1262-4

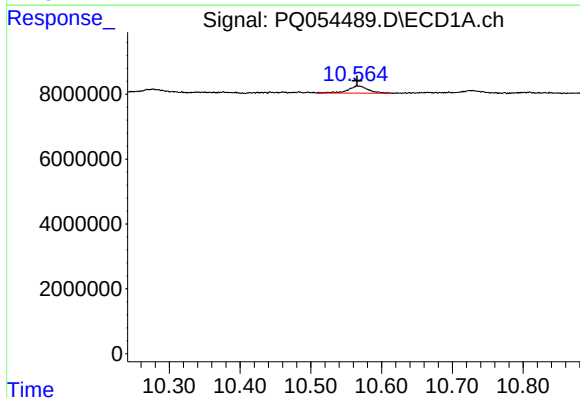
R.T.: 9.838 min
Delta R.T.: -0.016 min
Response: 15021751
Conc: 26.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



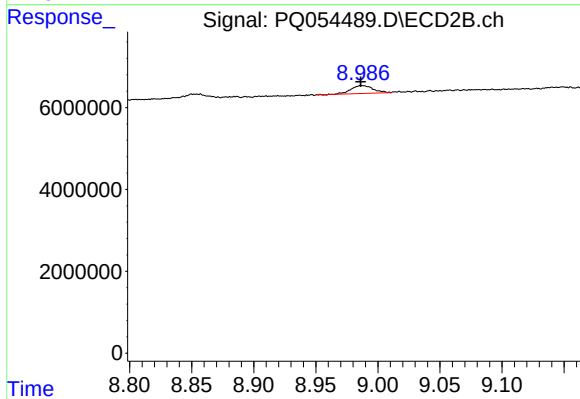
#39 AR-1262-4

R.T.: 8.483 min
Delta R.T.: -0.003 min
Response: 61292743
Conc: 40.30 ng/ml



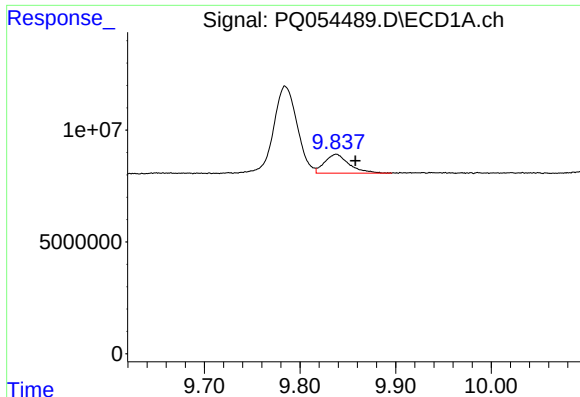
#40 AR-1262-5

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 4288968
Conc: 5.58 ng/ml



#40 AR-1262-5

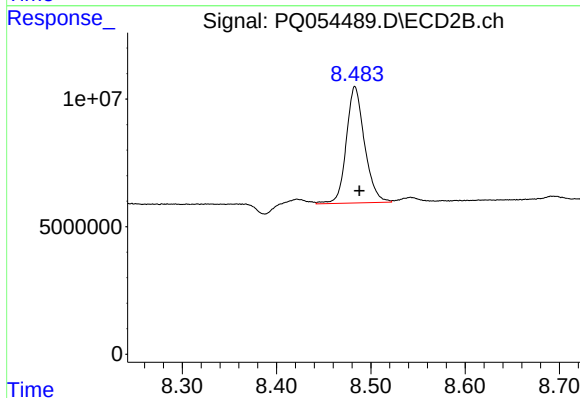
R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 2397695
Conc: 3.49 ng/ml



#42 AR-1268-2

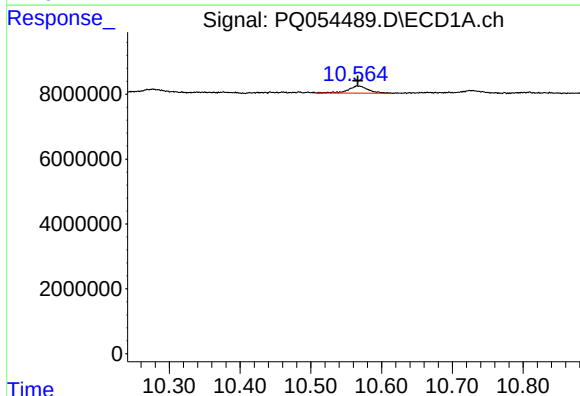
R.T.: 9.838 min
Delta R.T.: -0.020 min
Response: 15021751
Conc: 6.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



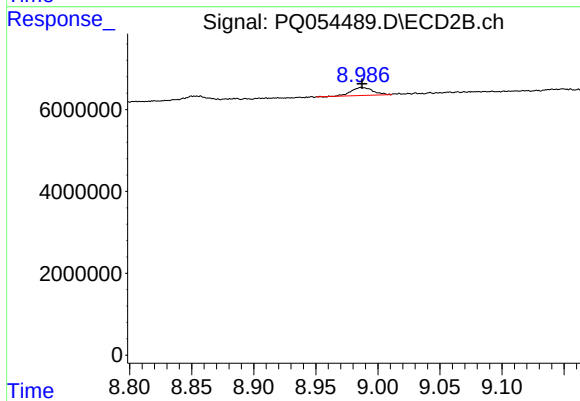
#42 AR-1268-2

R.T.: 8.483 min
Delta R.T.: -0.005 min
Response: 61292743
Conc: 26.60 ng/ml



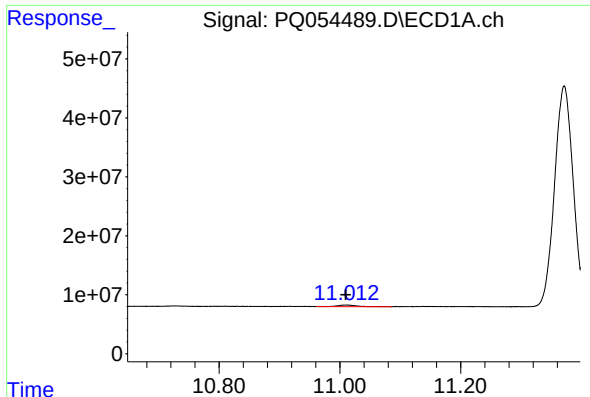
#44 AR-1268-4

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 4288968
Conc: 5.03 ng/ml



#44 AR-1268-4

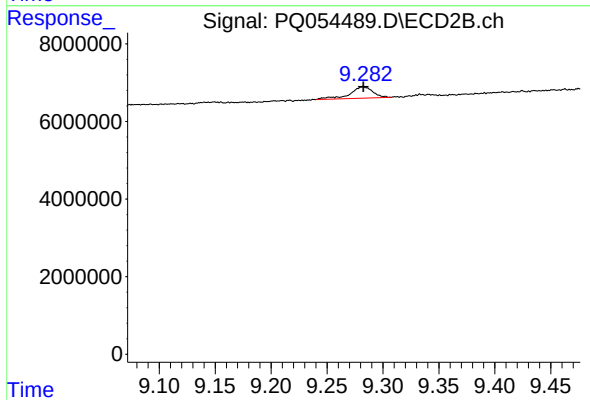
R.T.: 8.987 min
Delta R.T.: 0.000 min
Response: 2397695
Conc: 3.08 ng/ml



#45 AR-1268-5

R.T.: 11.012 min
Delta R.T.: 0.002 min
Response: 5702067
Conc: 0.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 9.282 min
Delta R.T.: 0.000 min
Response: 4237623
Conc: 0.74 ng/ml