

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092321\
 Data File : PQ054648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 11:01
 Operator : AJ\MA
 Sample : M3820-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:35:14 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...	5.201	4.207	378.2E6	220.0E6	15.838	16.645
2)	SA Decachlor...	11.366	9.534	1022.0E6	762.5E6	60.553	56.266
Target Compounds							
3)	L1 AR-1016-1	6.523	5.491f	3343427	6379427	4.053	14.056 #
4)	L1 AR-1016-2	6.549	5.491	5665127	6379427	4.644	8.989 #
5)	L1 AR-1016-3	6.616	0.000	3365795	0	4.446	N.D. #
6)	L1 AR-1016-4	6.724	5.729	3122534	10853972	5.050	39.078 #
7)	L1 AR-1016-5	7.036	5.960	8840878	9154288	15.561	26.521 #
8)	L2 AR-1221-1	5.475f	0.000	5832831	0	22.642	N.D. #
9)	L2 AR-1221-2	5.556	4.561	5548641	4333240	29.027	45.480 #
10)	L2 AR-1221-3	5.650	0.000	6688664	0	11.160	N.D. #
11)	L3 AR-1232-1	5.650	0.000	6688664	0	14.455	N.D. #
12)	L3 AR-1232-2	0.000	5.491	0	6379427	N.D.	20.549 #
13)	L3 AR-1232-3	6.549	0.000	5665127	0	10.774	N.D. #
14)	L3 AR-1232-4	6.724	5.774	3122534	5495100	11.688	43.501 #
15)	L3 AR-1232-5	6.816	5.960	19314160	9154288	95.523	63.119 #
16)	L4 AR-1242-1	6.523	5.491f	3343427	6379427	5.676	19.776 #
17)	L4 AR-1242-2	6.549	5.491	5665127	6379427	6.314	12.518 #
18)	L4 AR-1242-3	6.616	0.000	3365795	0	5.989	N.D. #
19)	L4 AR-1242-4	6.724	5.774	3122534	5495100	6.825	21.712 #
20)	L4 AR-1242-5	7.505	6.339	18312828	52884628	39.111	148.854 #
21)	L5 AR-1248-1	6.523	5.491f	3343427	6379427	6.680	24.382 #
22)	L5 AR-1248-2	6.816	5.729	19314160	10853972	29.728	30.474
23)	L5 AR-1248-3	7.036	5.774	8840878	5495100	12.363	15.453
24)	L5 AR-1248-4	7.463	5.960	25090684	9154288	31.716	21.311 #
25)	L5 AR-1248-5	7.505	6.383	18312828	6385015	22.821	14.903 #
26)	L6 AR-1254-1	7.433	6.339	61864536	52884628	71.020	69.420
27)	L6 AR-1254-2	7.661	6.498	90605450	42436096	67.737	60.642
28)	L6 AR-1254-3	8.045	6.917	118.7E6	81579827	85.216	74.001
29)	L6 AR-1254-4	8.339	7.156	64143090	42987940	60.210	56.854
30)	L6 AR-1254-5	8.767	7.584	101.9E6	93426552	88.648	84.417
31)	L7 AR-1260-1	8.208	7.054	51161882	38838124	51.554	51.717
32)	L7 AR-1260-2	8.472	7.250	65841732	38969186	55.954	37.655 #
33)	L7 AR-1260-3	8.836	7.403	20357666	35266777	26.580	39.888 #
34)	L7 AR-1260-4	9.075	7.885	58454486	22817856	62.579	32.975 #
35)	L7 AR-1260-5	9.423	8.133	33750541	23547894	18.308	12.320 #
36)	L8 AR-1262-1	8.836	7.584	20357666	93426552	17.326	180.821 #
37)	L8 AR-1262-2	9.423	8.133	33750541	23547894	15.561	10.632 #
38)	L8 AR-1262-3	9.752	8.419	100.4E6	80228943	112.691	90.420
39)	L8 AR-1262-4	9.856	8.484	65945576	53457649	116.900	35.150 #
40)	L8 AR-1262-5	10.563	8.984	15640905	8555271	20.352	12.457 #
41)	L9 AR-1268-1	9.752	8.419	100.4E6	80228943	40.024	29.560 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092321\
 Data File : PQ054648.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2021 11:01
 Operator : AJ\MA
 Sample : M3820-01RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

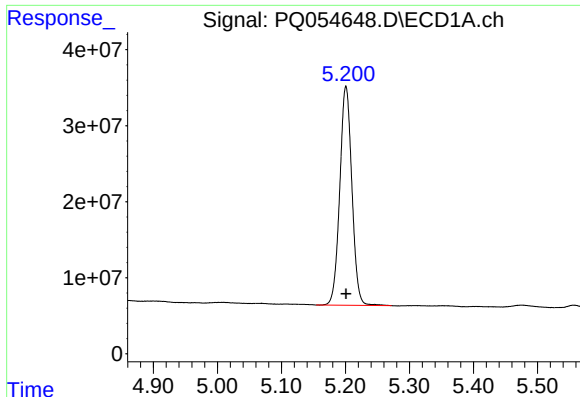
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:35:14 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
42) L9	AR-1268-2	9.856	8.484	65945576	53457649	28.833	23.204
43) L9	AR-1268-3	10.095	8.691	271.7E6	284.2E6	141.436	141.039
44) L9	AR-1268-4	10.563	8.984	15640905	8555271	18.329	11.005 #
45) L9	AR-1268-5	11.006	9.279	806.3E6	652.6E6	127.904	113.468

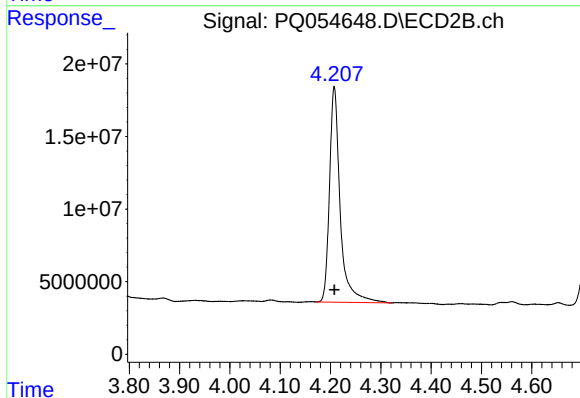
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

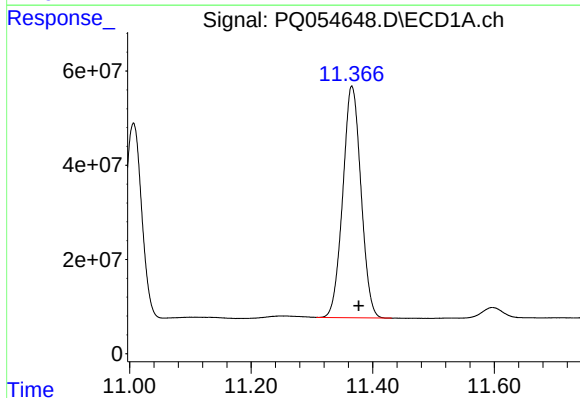
R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 378233581
Conc: 15.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



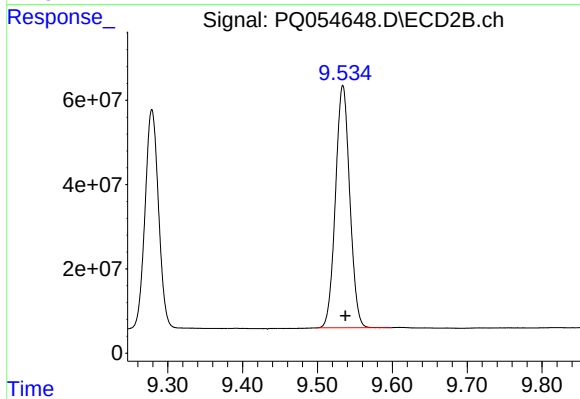
#1 Tetrachloro-m-xylene

R.T.: 4.207 min
Delta R.T.: 0.000 min
Response: 220039592
Conc: 16.64 ng/ml



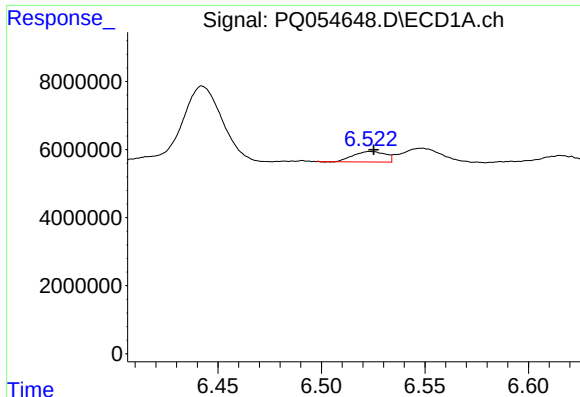
#2 Decachlorobiphenyl

R.T.: 11.366 min
Delta R.T.: -0.011 min
Response: 1022025526
Conc: 60.55 ng/ml



#2 Decachlorobiphenyl

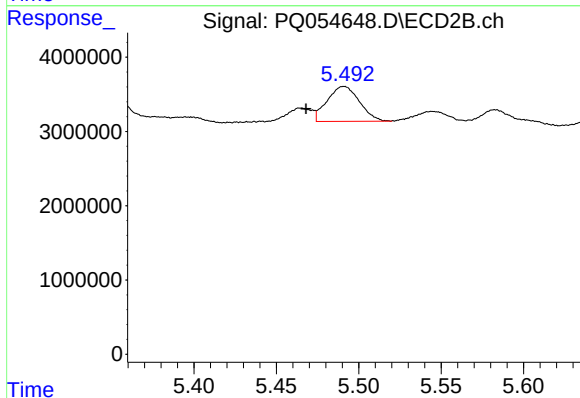
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 762514221
Conc: 56.27 ng/ml



#3 AR-1016-1

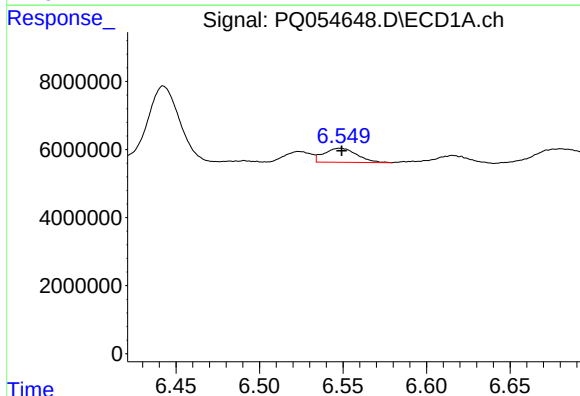
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 3343427
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



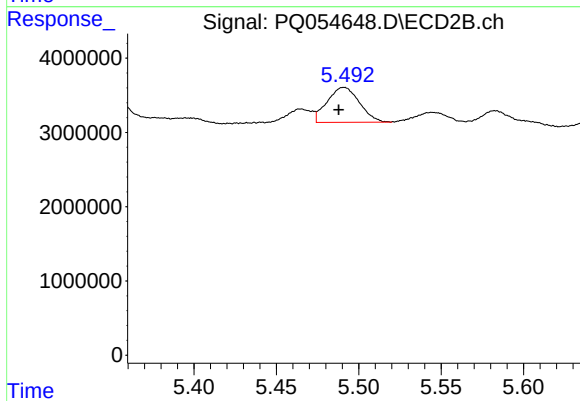
#3 AR-1016-1

R.T.: 5.491 min
Delta R.T.: 0.023 min
Response: 6379427
Conc: 14.06 ng/ml



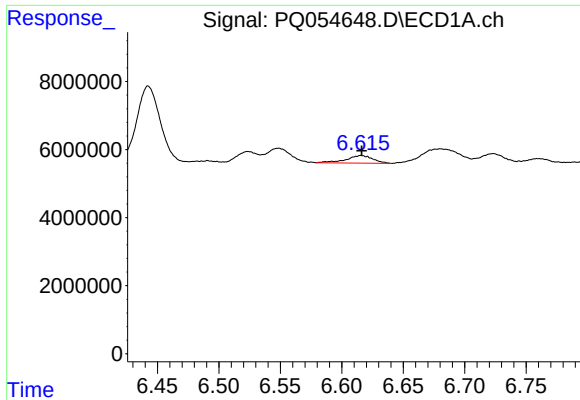
#4 AR-1016-2

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 5665127
Conc: 4.64 ng/ml



#4 AR-1016-2

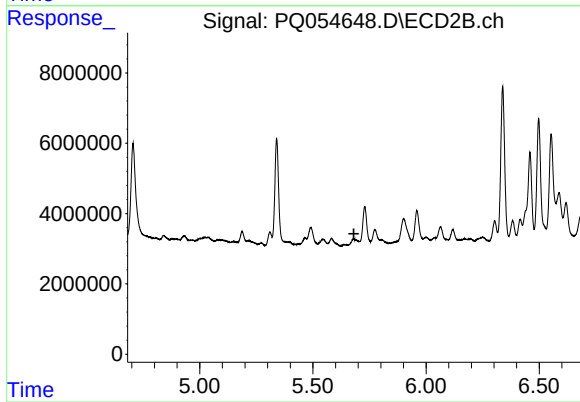
R.T.: 5.491 min
Delta R.T.: 0.003 min
Response: 6379427
Conc: 8.99 ng/ml



#5 AR-1016-3

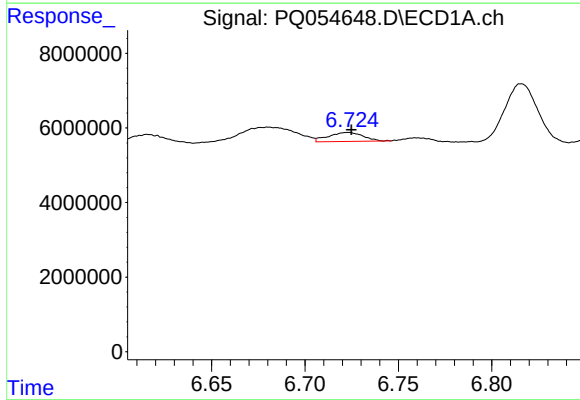
R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 3365795
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



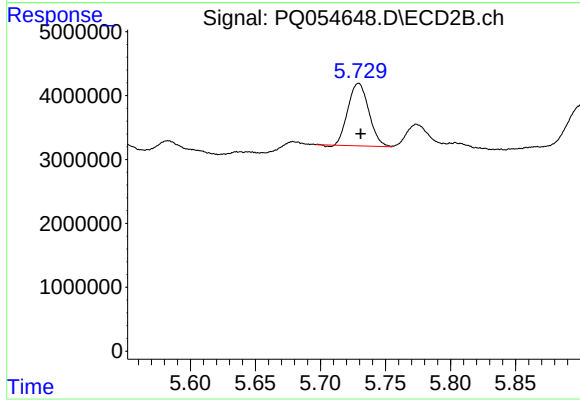
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



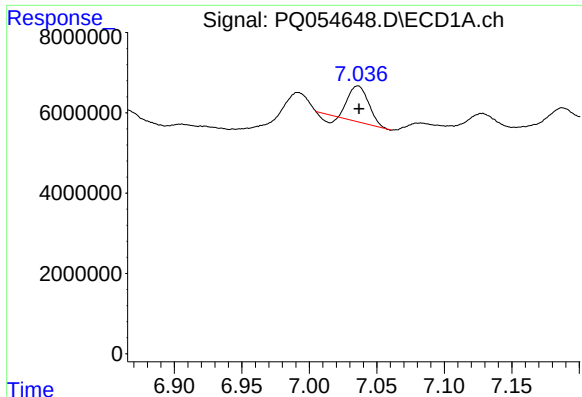
#6 AR-1016-4

R.T.: 6.724 min
Delta R.T.: -0.001 min
Response: 3122534
Conc: 5.05 ng/ml



#6 AR-1016-4

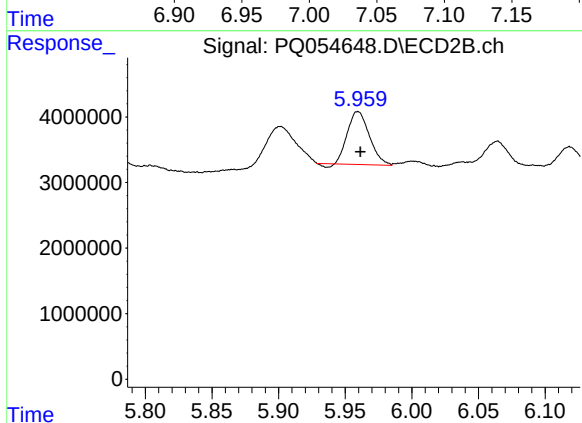
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 10853972
Conc: 39.08 ng/ml



#7 AR-1016-5

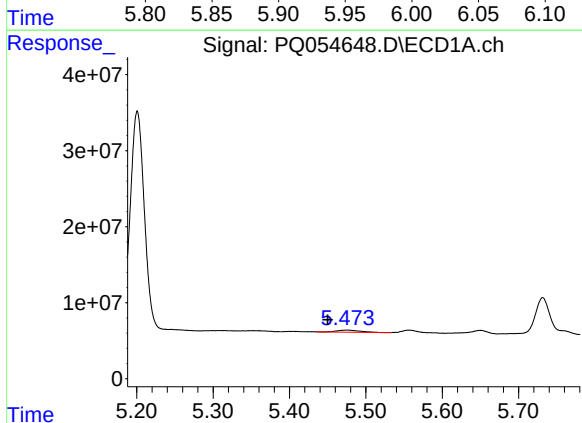
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 8840878
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



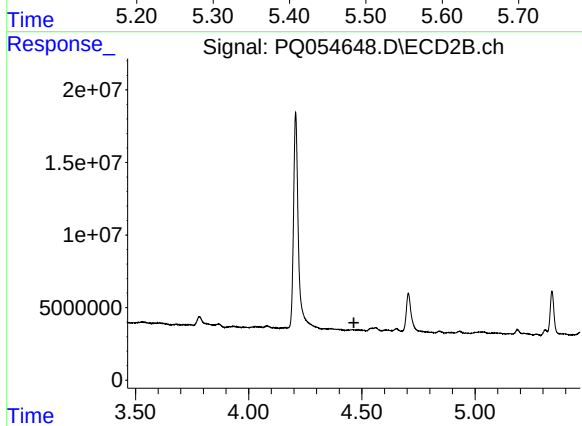
#7 AR-1016-5

R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 9154288
Conc: 26.52 ng/ml



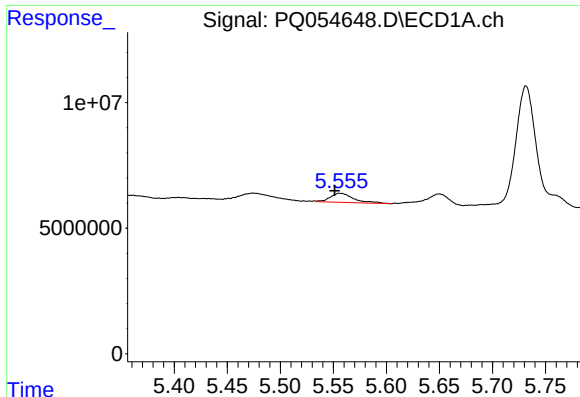
#8 AR-1221-1

R.T.: 5.475 min
Delta R.T.: 0.025 min
Response: 5832831
Conc: 22.64 ng/ml



#8 AR-1221-1

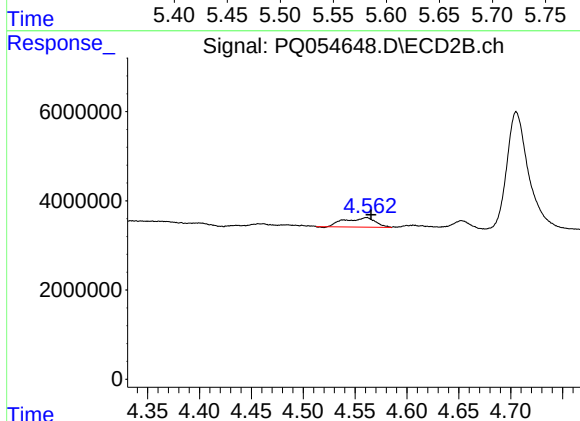
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

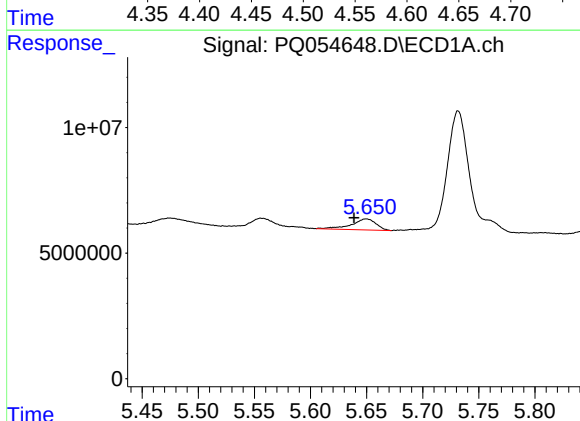
R.T.: 5.556 min
Delta R.T.: 0.004 min
Response: 5548641
Conc: 29.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



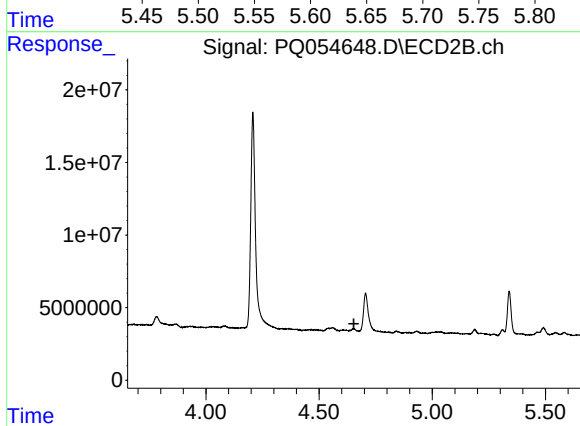
#9 AR-1221-2

R.T.: 4.561 min
Delta R.T.: -0.004 min
Response: 4333240
Conc: 45.48 ng/ml



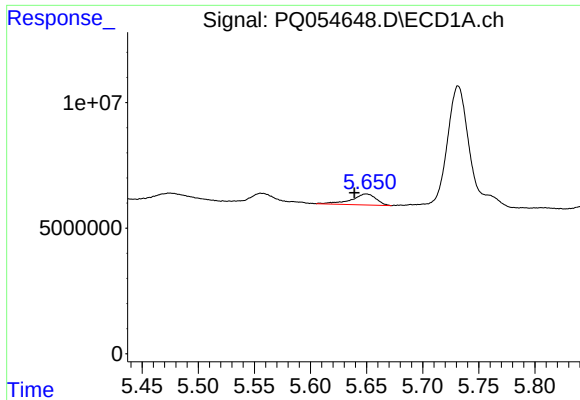
#10 AR-1221-3

R.T.: 5.650 min
Delta R.T.: 0.011 min
Response: 6688664
Conc: 11.16 ng/ml



#10 AR-1221-3

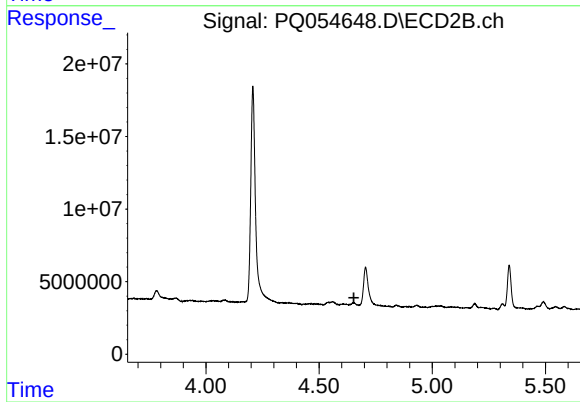
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

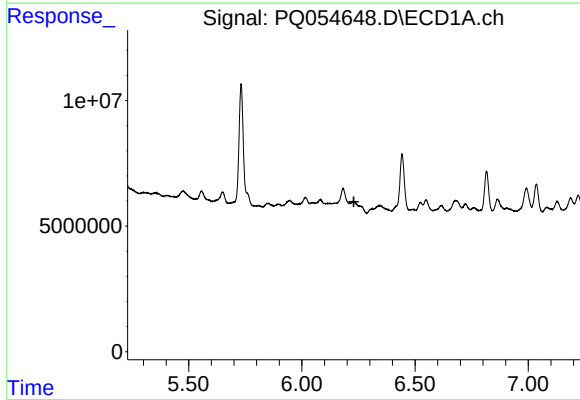
R.T.: 5.650 min
Delta R.T.: 0.011 min
Response: 6688664
Conc: 14.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



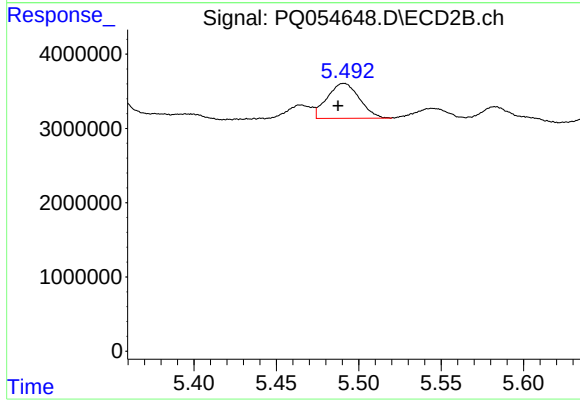
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



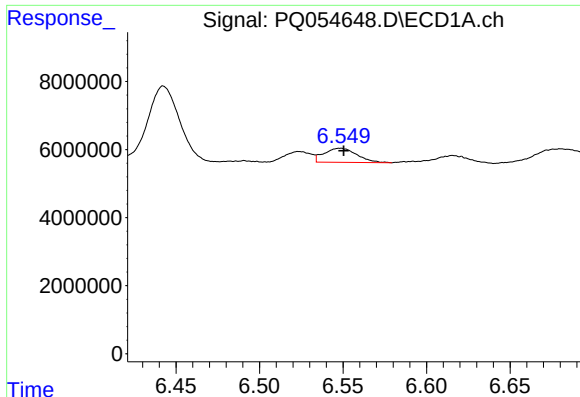
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.



#12 AR-1232-2

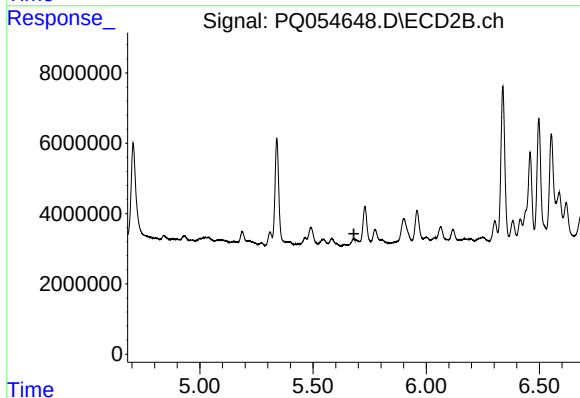
R.T.: 5.491 min
Delta R.T.: 0.004 min
Response: 6379427
Conc: 20.55 ng/ml



#13 AR-1232-3

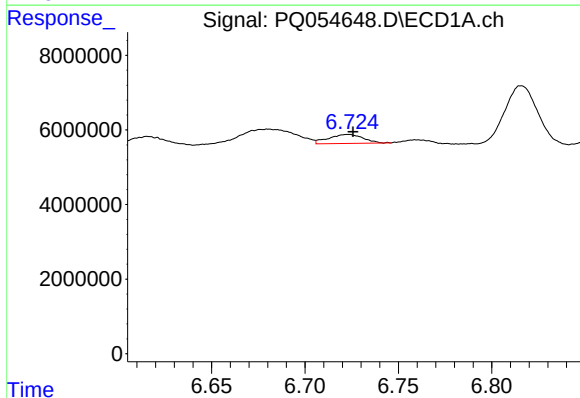
R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 5665127
Conc: 10.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



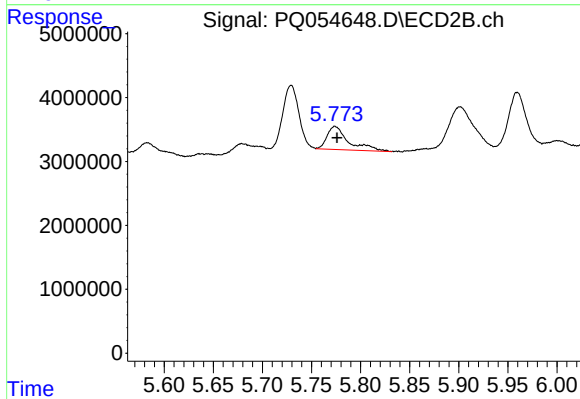
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.681 min
Response: 0
Conc: N.D.



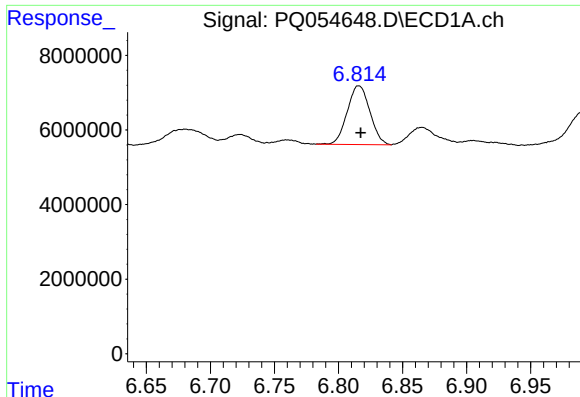
#14 AR-1232-4

R.T.: 6.724 min
Delta R.T.: -0.002 min
Response: 3122534
Conc: 11.69 ng/ml



#14 AR-1232-4

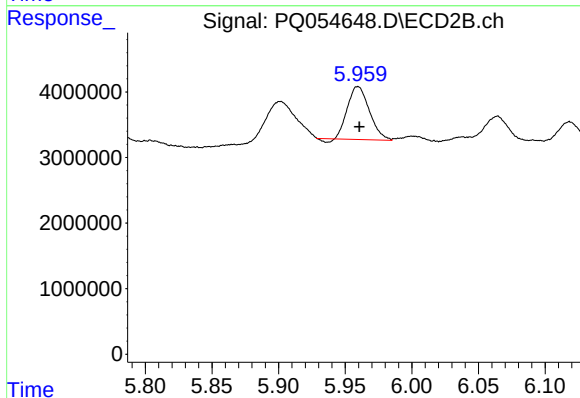
R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 5495100
Conc: 43.50 ng/ml



#15 AR-1232-5

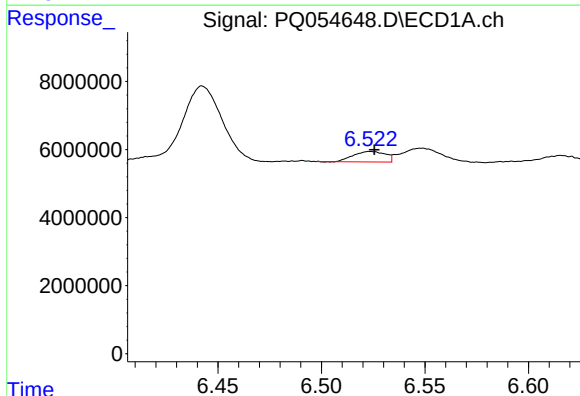
R.T.: 6.816 min
Delta R.T.: -0.002 min
Response: 19314160
Conc: 95.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



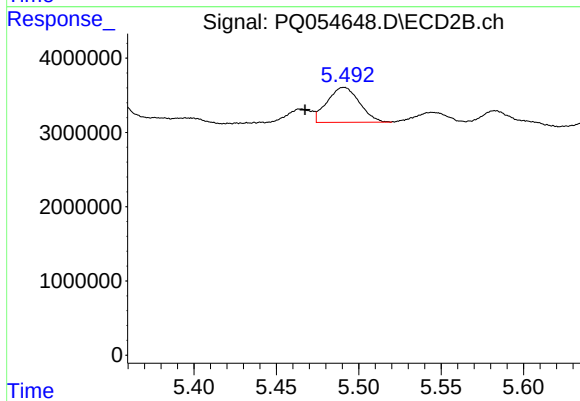
#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 9154288
Conc: 63.12 ng/ml



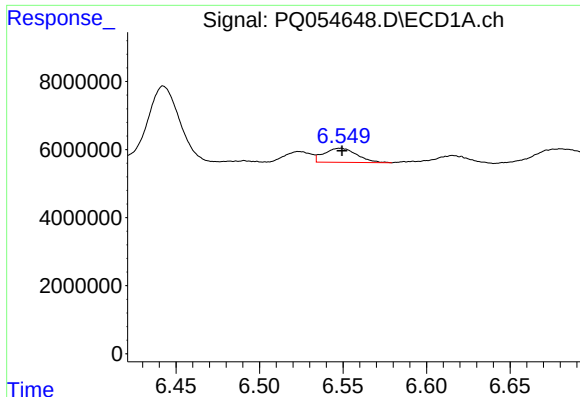
#16 AR-1242-1

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 3343427
Conc: 5.68 ng/ml



#16 AR-1242-1

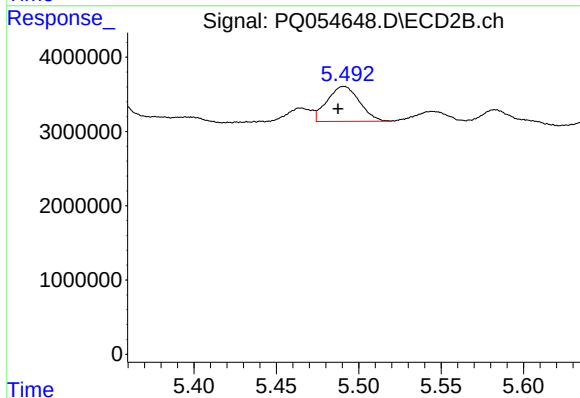
R.T.: 5.491 min
Delta R.T.: 0.024 min
Response: 6379427
Conc: 19.78 ng/ml



#17 AR-1242-2

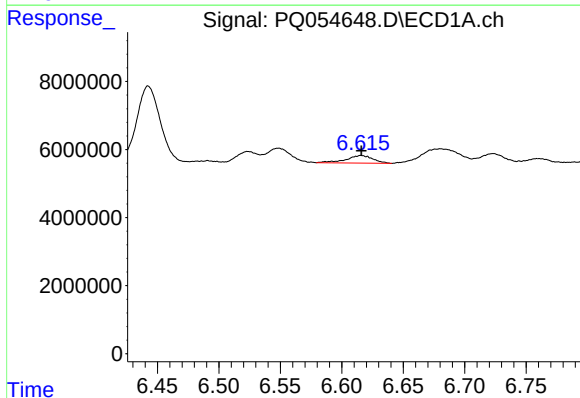
R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 5665127
Conc: 6.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



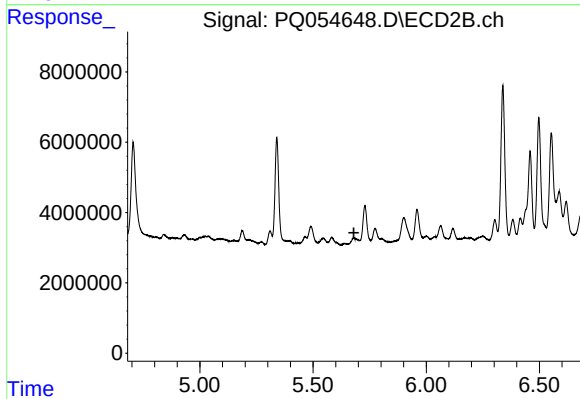
#17 AR-1242-2

R.T.: 5.491 min
Delta R.T.: 0.004 min
Response: 6379427
Conc: 12.52 ng/ml



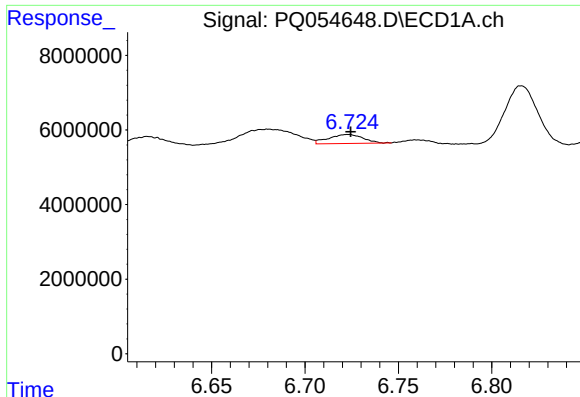
#18 AR-1242-3

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 3365795
Conc: 5.99 ng/ml



#18 AR-1242-3

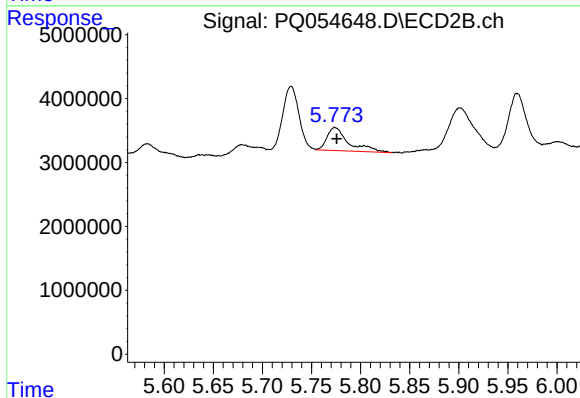
R.T.: 0.000 min
Exp R.T. : 5.680 min
Response: 0
Conc: N.D.



#19 AR-1242-4

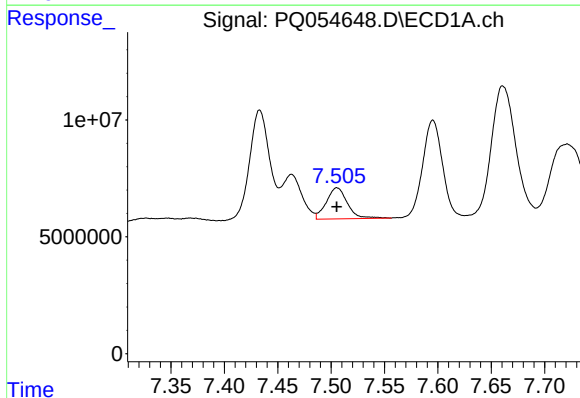
R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 3122534
Conc: 6.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



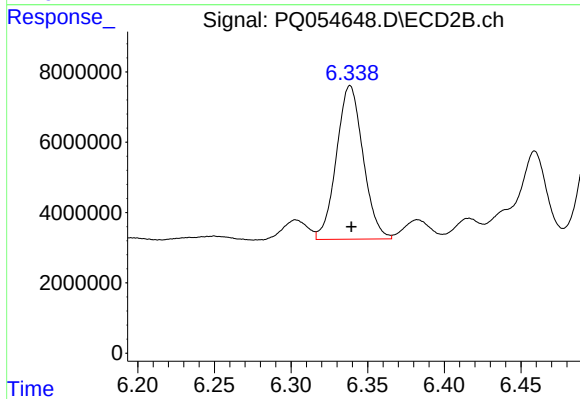
#19 AR-1242-4

R.T.: 5.774 min
Delta R.T.: -0.002 min
Response: 5495100
Conc: 21.71 ng/ml



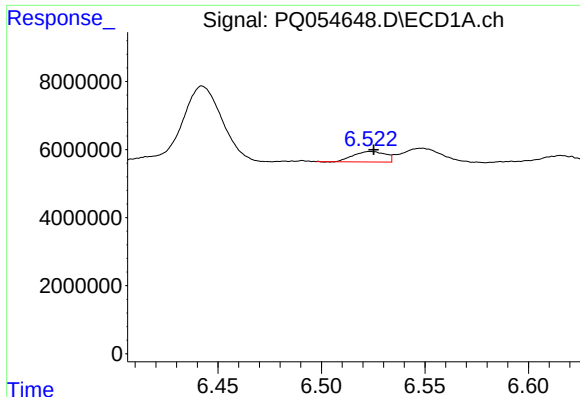
#20 AR-1242-5

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 18312828
Conc: 39.11 ng/ml



#20 AR-1242-5

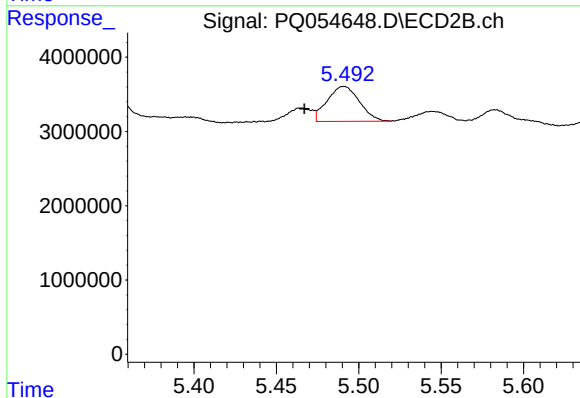
R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 52884628
Conc: 148.85 ng/ml



#21 AR-1248-1

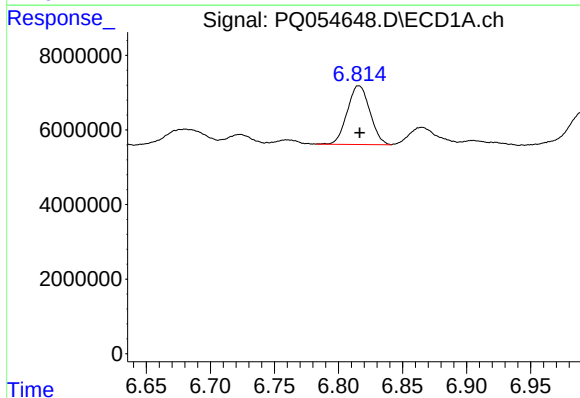
R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 3343427
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



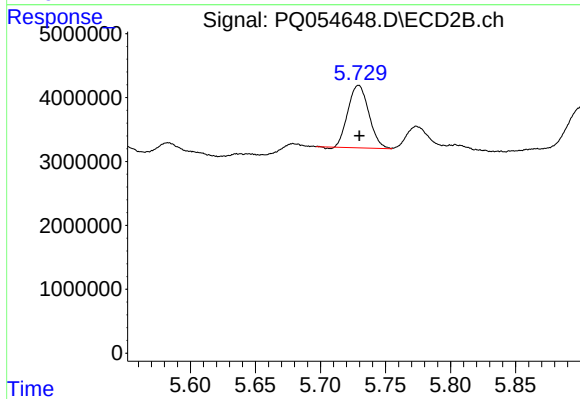
#21 AR-1248-1

R.T.: 5.491 min
Delta R.T.: 0.024 min
Response: 6379427
Conc: 24.38 ng/ml



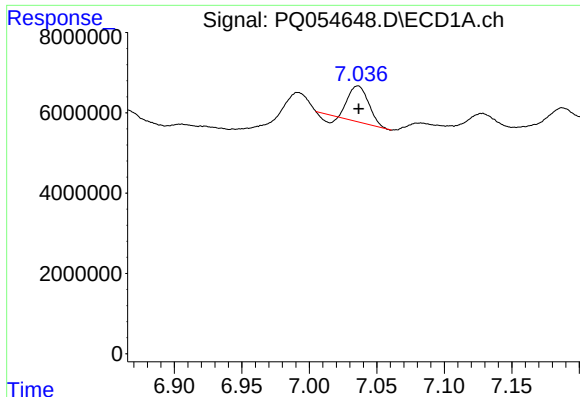
#22 AR-1248-2

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 19314160
Conc: 29.73 ng/ml



#22 AR-1248-2

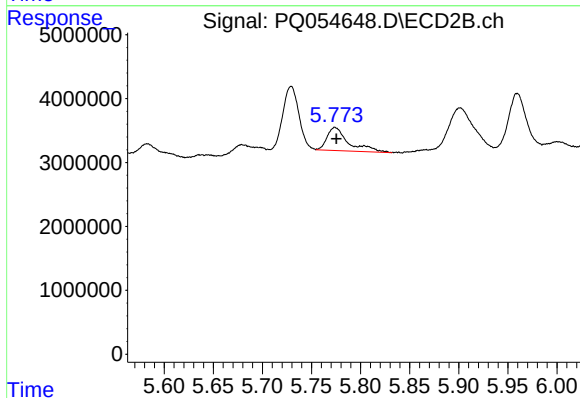
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 10853972
Conc: 30.47 ng/ml



#23 AR-1248-3

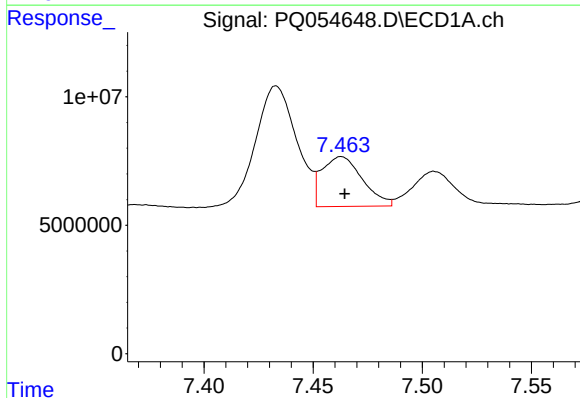
R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 8840878
Conc: 12.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



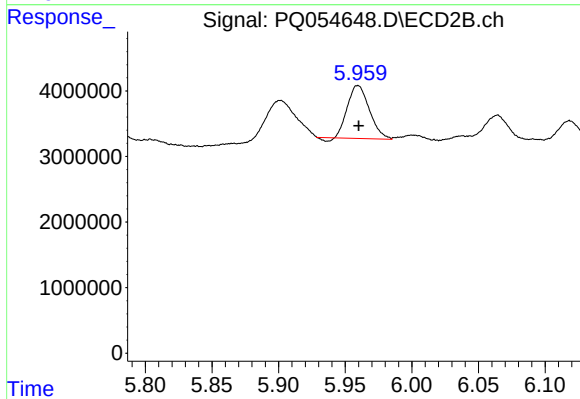
#23 AR-1248-3

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 5495100
Conc: 15.45 ng/ml



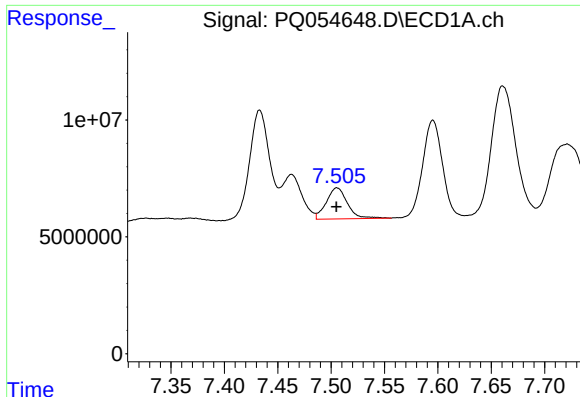
#24 AR-1248-4

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 25090684
Conc: 31.72 ng/ml



#24 AR-1248-4

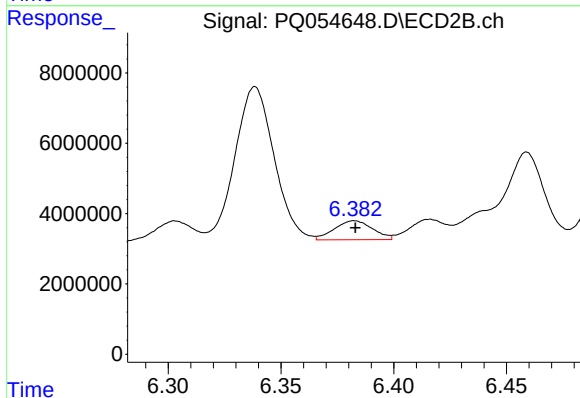
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 9154288
Conc: 21.31 ng/ml



#25 AR-1248-5

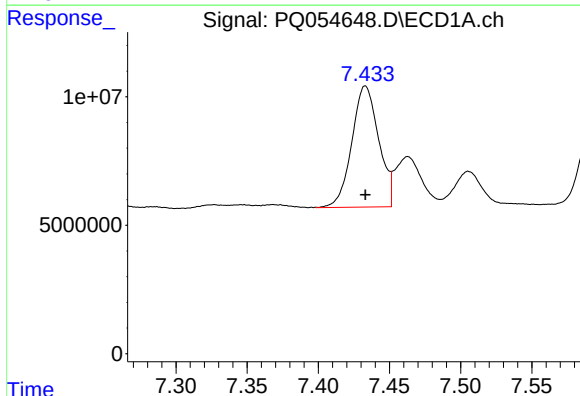
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 18312828
Conc: 22.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



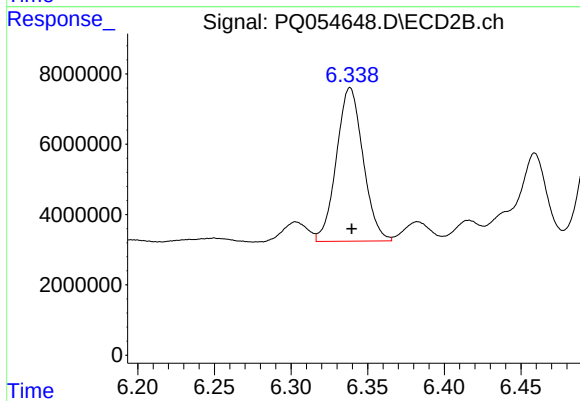
#25 AR-1248-5

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 6385015
Conc: 14.90 ng/ml



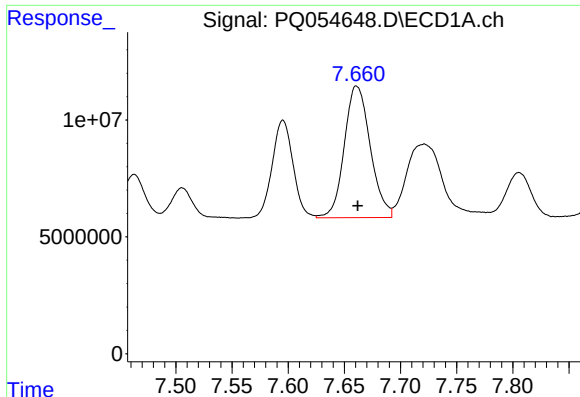
#26 AR-1254-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 61864536
Conc: 71.02 ng/ml



#26 AR-1254-1

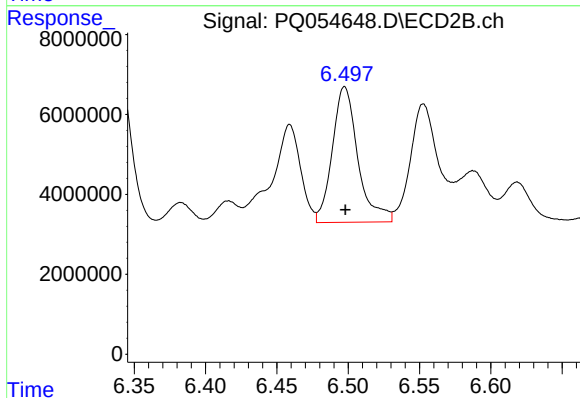
R.T.: 6.339 min
Delta R.T.: -0.001 min
Response: 52884628
Conc: 69.42 ng/ml



#27 AR-1254-2

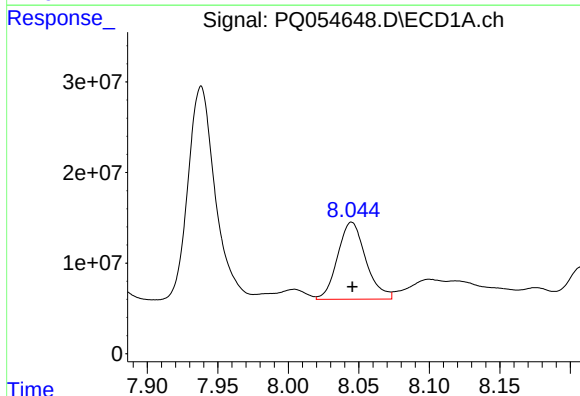
R.T.: 7.661 min
Delta R.T.: -0.001 min
Response: 90605450
Conc: 67.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



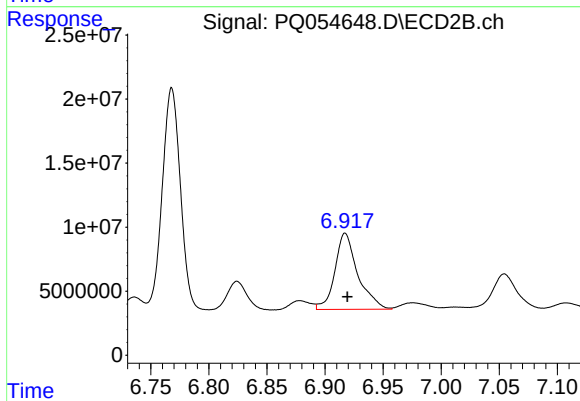
#27 AR-1254-2

R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 42436096
Conc: 60.64 ng/ml



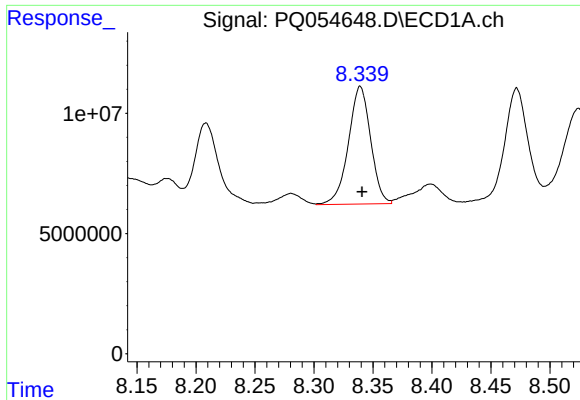
#28 AR-1254-3

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 118684093
Conc: 85.22 ng/ml



#28 AR-1254-3

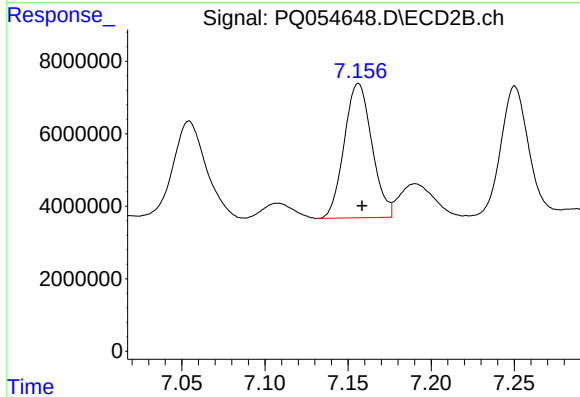
R.T.: 6.917 min
Delta R.T.: -0.002 min
Response: 81579827
Conc: 74.00 ng/ml



#29 AR-1254-4

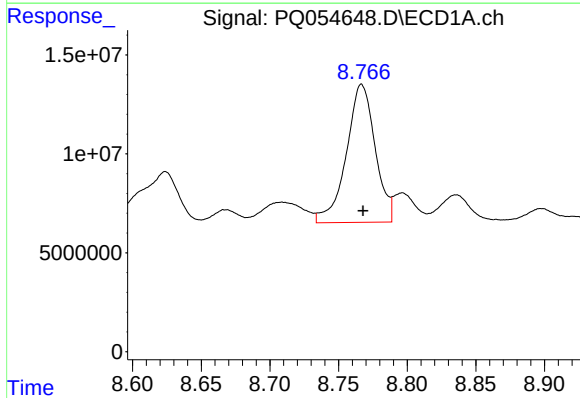
R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 64143090
Conc: 60.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



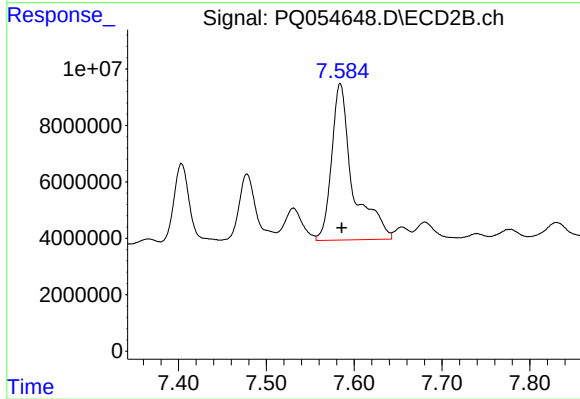
#29 AR-1254-4

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 42987940
Conc: 56.85 ng/ml



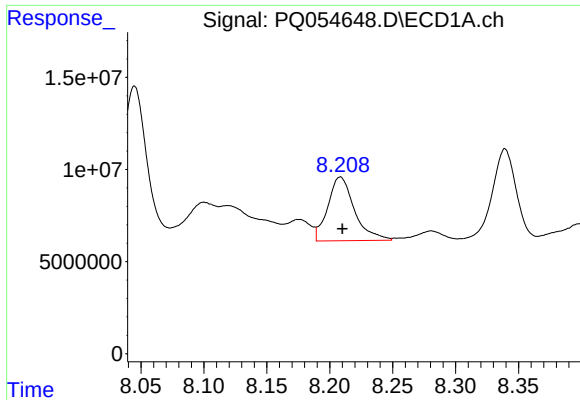
#30 AR-1254-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 101881515
Conc: 88.65 ng/ml



#30 AR-1254-5

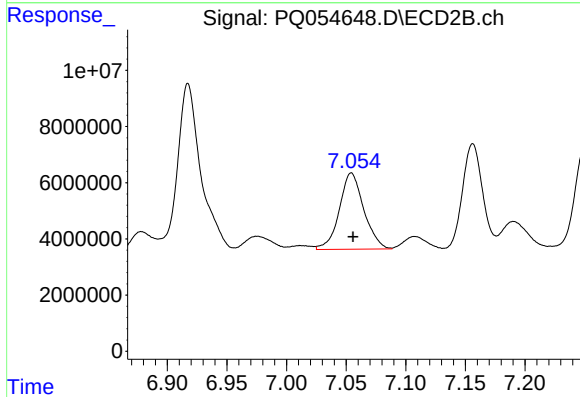
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 93426552
Conc: 84.42 ng/ml



#31 AR-1260-1

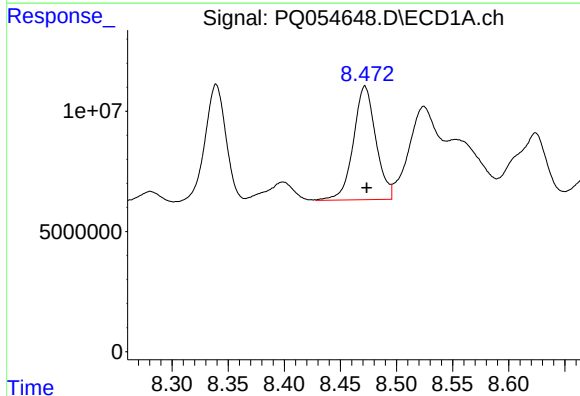
R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 51161882
Conc: 51.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



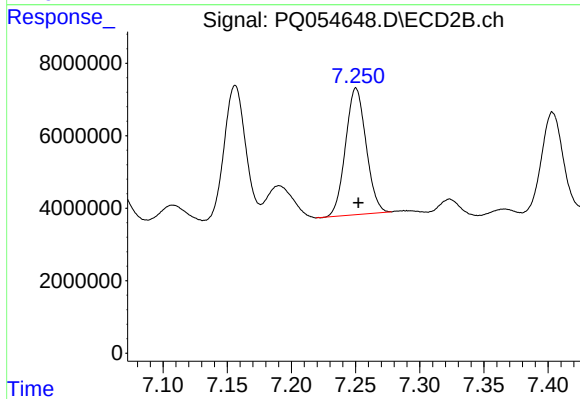
#31 AR-1260-1

R.T.: 7.054 min
Delta R.T.: -0.001 min
Response: 38838124
Conc: 51.72 ng/ml



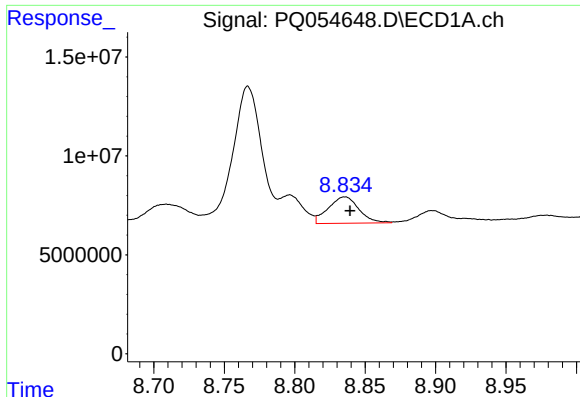
#32 AR-1260-2

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 65841732
Conc: 55.95 ng/ml



#32 AR-1260-2

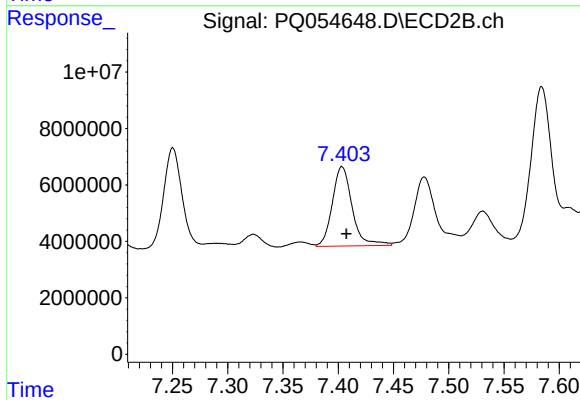
R.T.: 7.250 min
Delta R.T.: -0.002 min
Response: 38969186
Conc: 37.66 ng/ml



#33 AR-1260-3

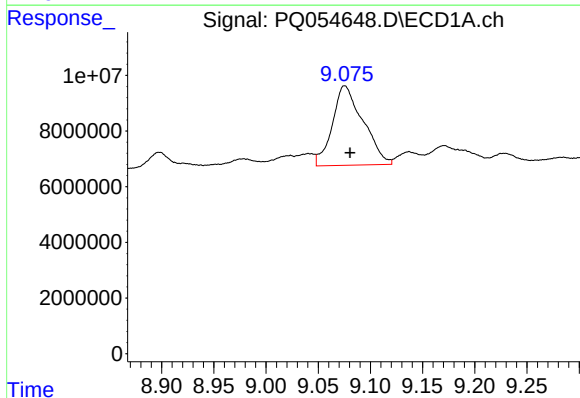
R.T.: 8.836 min
Delta R.T.: -0.004 min
Response: 20357666
Conc: 26.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



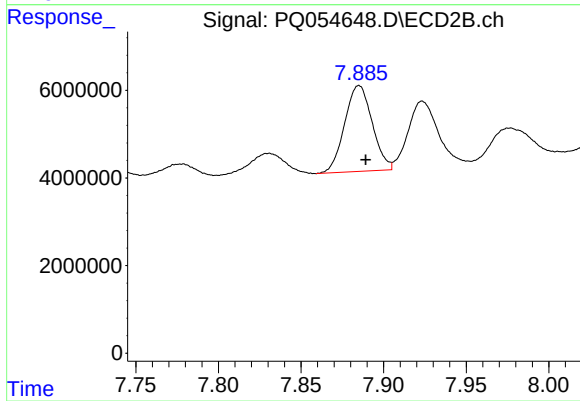
#33 AR-1260-3

R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 35266777
Conc: 39.89 ng/ml



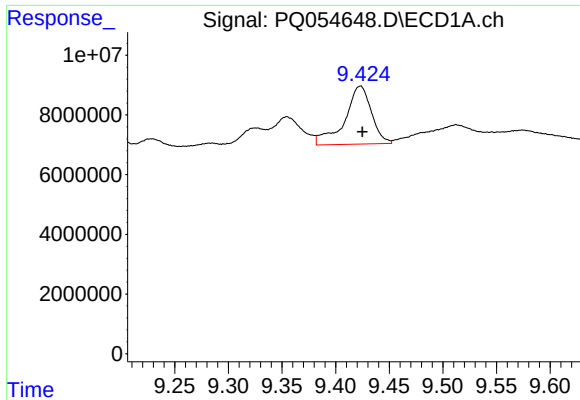
#34 AR-1260-4

R.T.: 9.075 min
Delta R.T.: -0.005 min
Response: 58454486
Conc: 62.58 ng/ml



#34 AR-1260-4

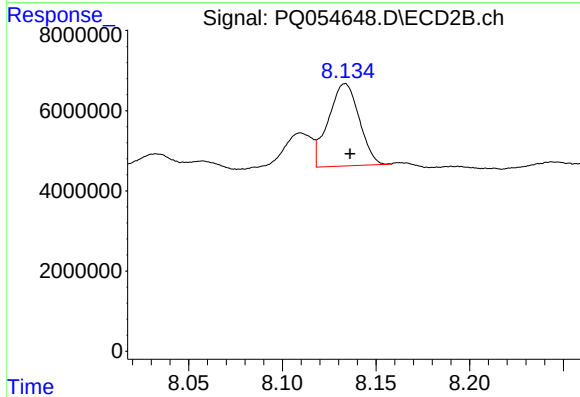
R.T.: 7.885 min
Delta R.T.: -0.004 min
Response: 22817856
Conc: 32.98 ng/ml



#35 AR-1260-5

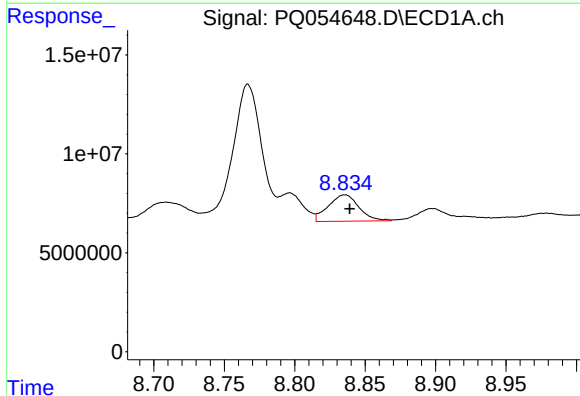
R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 33750541
Conc: 18.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



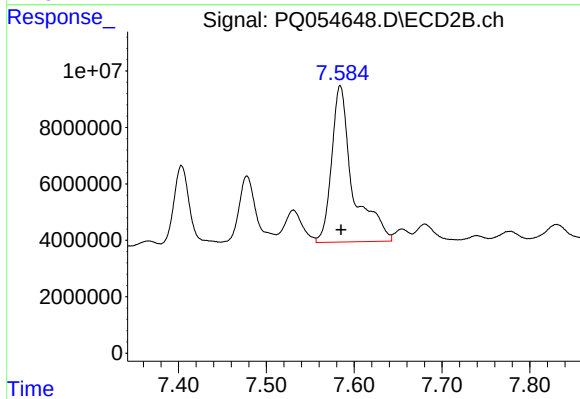
#35 AR-1260-5

R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 23547894
Conc: 12.32 ng/ml



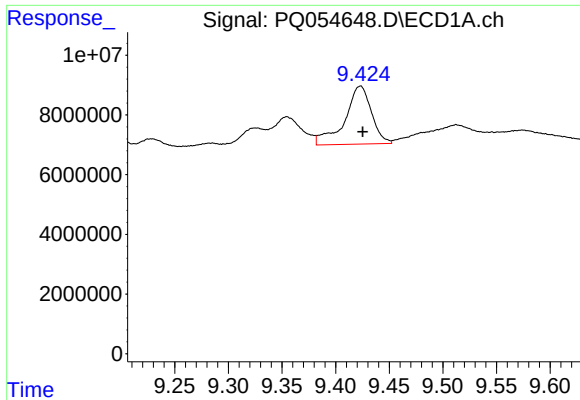
#36 AR-1262-1

R.T.: 8.836 min
Delta R.T.: -0.004 min
Response: 20357666
Conc: 17.33 ng/ml



#36 AR-1262-1

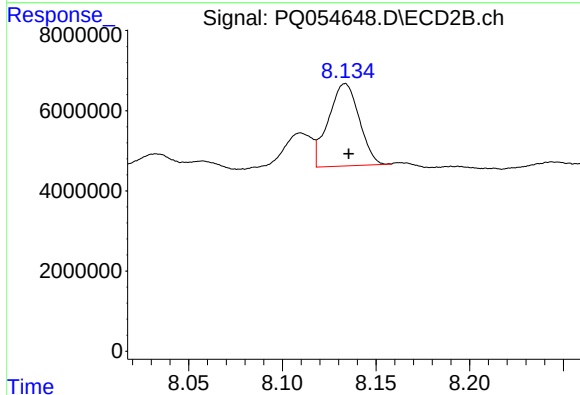
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 93426552
Conc: 180.82 ng/ml



#37 AR-1262-2

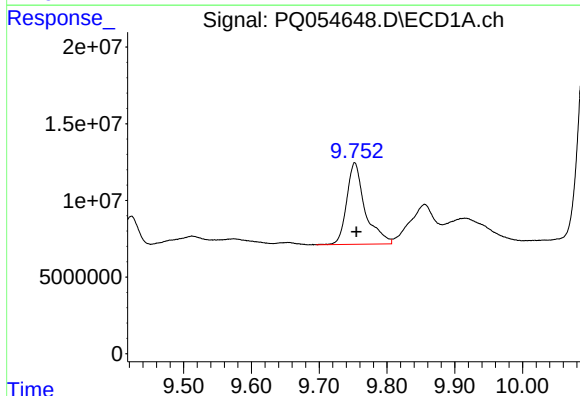
R.T.: 9.423 min
Delta R.T.: -0.002 min
Response: 33750541
Conc: 15.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



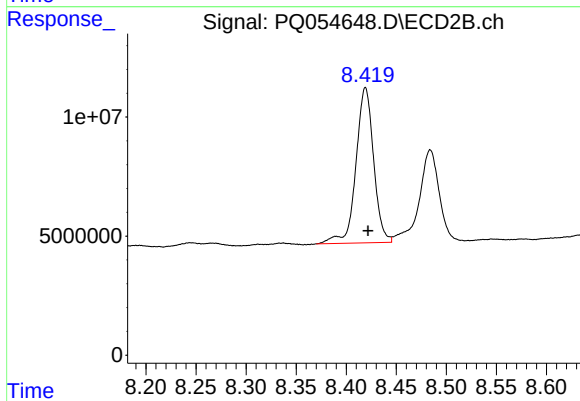
#37 AR-1262-2

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 23547894
Conc: 10.63 ng/ml



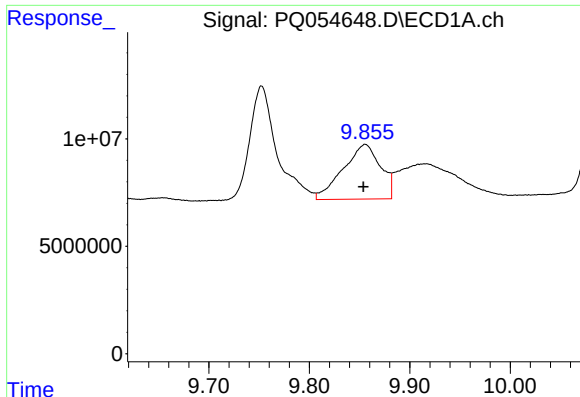
#38 AR-1262-3

R.T.: 9.752 min
Delta R.T.: -0.002 min
Response: 100375795
Conc: 112.69 ng/ml



#38 AR-1262-3

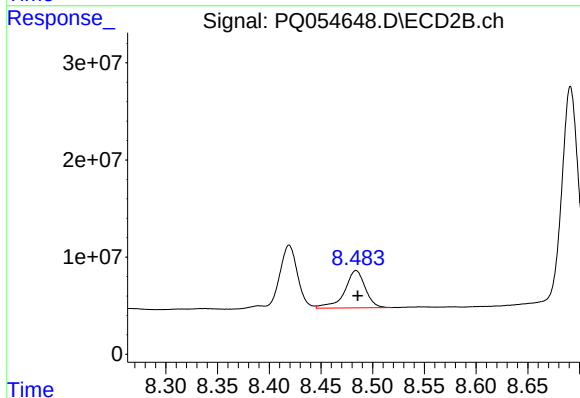
R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 80228943
Conc: 90.42 ng/ml



#39 AR-1262-4

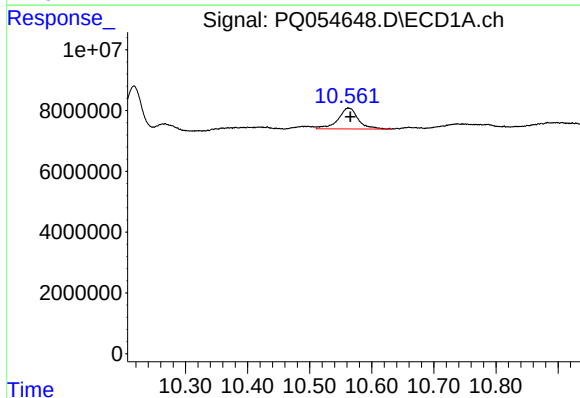
R.T.: 9.856 min
Delta R.T.: 0.002 min
Response: 65945576
Conc: 116.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



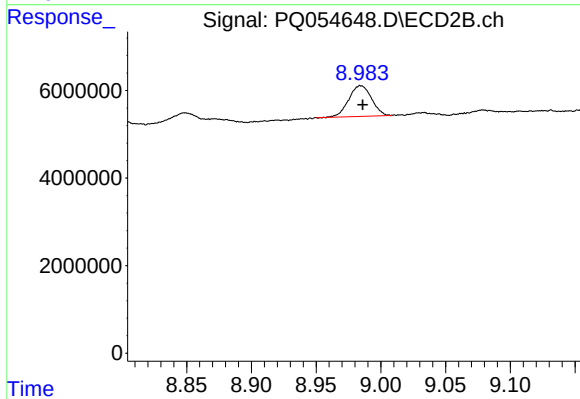
#39 AR-1262-4

R.T.: 8.484 min
Delta R.T.: -0.002 min
Response: 53457649
Conc: 35.15 ng/ml



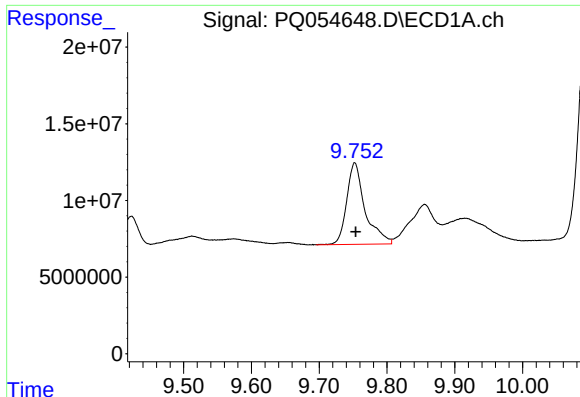
#40 AR-1262-5

R.T.: 10.563 min
Delta R.T.: -0.003 min
Response: 15640905
Conc: 20.35 ng/ml



#40 AR-1262-5

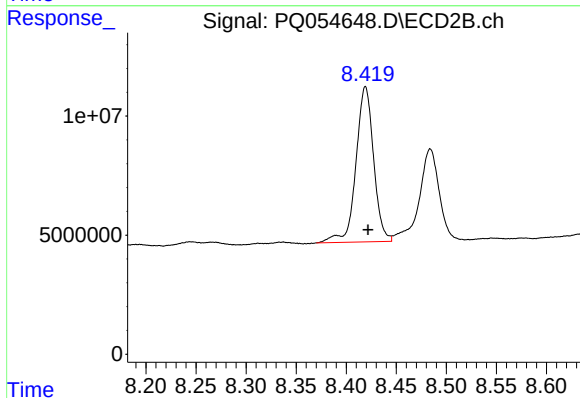
R.T.: 8.984 min
Delta R.T.: -0.002 min
Response: 8555271
Conc: 12.46 ng/ml



#41 AR-1268-1

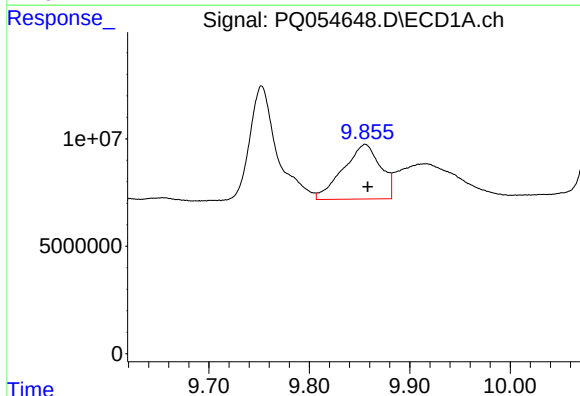
R.T.: 9.752 min
Delta R.T.: -0.001 min
Response: 100375795
Conc: 40.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



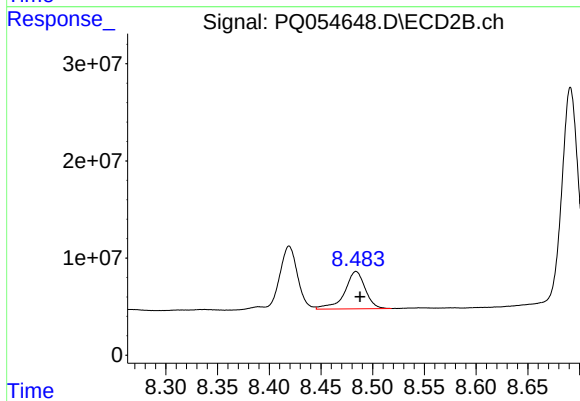
#41 AR-1268-1

R.T.: 8.419 min
Delta R.T.: -0.003 min
Response: 80228943
Conc: 29.56 ng/ml



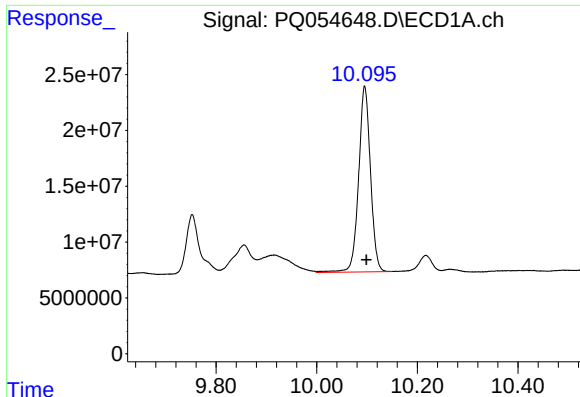
#42 AR-1268-2

R.T.: 9.856 min
Delta R.T.: -0.002 min
Response: 65945576
Conc: 28.83 ng/ml



#42 AR-1268-2

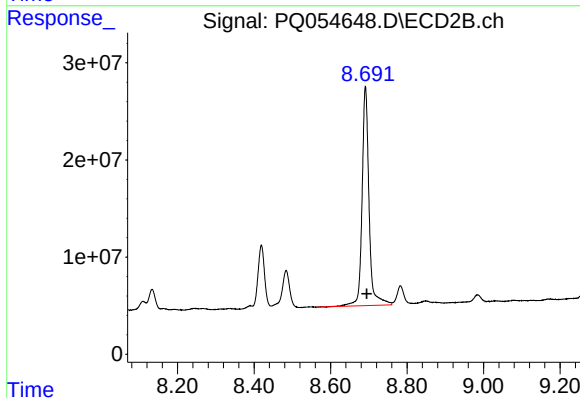
R.T.: 8.484 min
Delta R.T.: -0.004 min
Response: 53457649
Conc: 23.20 ng/ml



#43 AR-1268-3

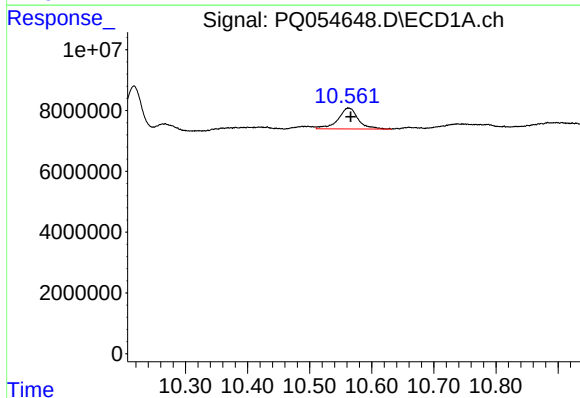
R.T.: 10.095 min
Delta R.T.: -0.003 min
Response: 271650053
Conc: 141.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



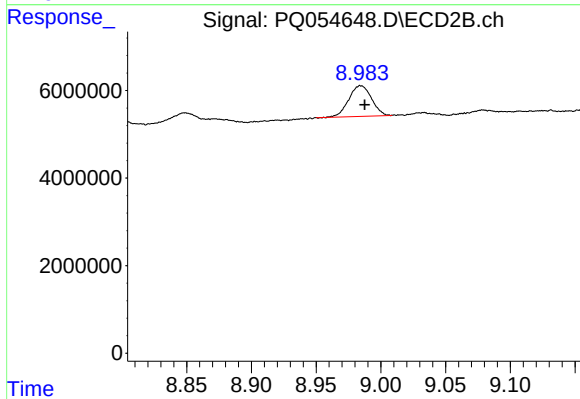
#43 AR-1268-3

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 284231359
Conc: 141.04 ng/ml



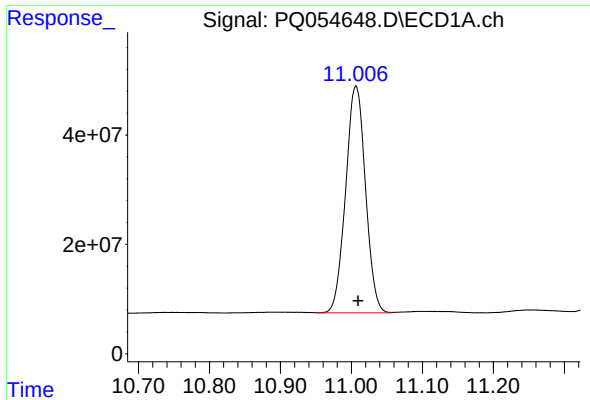
#44 AR-1268-4

R.T.: 10.563 min
Delta R.T.: -0.004 min
Response: 15640905
Conc: 18.33 ng/ml



#44 AR-1268-4

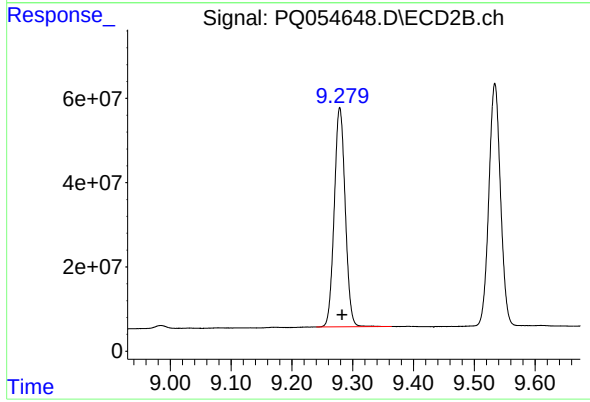
R.T.: 8.984 min
Delta R.T.: -0.003 min
Response: 8555271
Conc: 11.01 ng/ml



#45 AR-1268-5

R.T.: 11.006 min
Delta R.T.: -0.003 min
Response: 806324912
Conc: 127.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.279 min
Delta R.T.: -0.004 min
Response: 652576220
Conc: 113.47 ng/ml