

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100821\
 Data File : PQ054917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2021 17:22
 Operator : AJ\MA
 Sample : PB139760BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 04:45:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 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...	5.195	4.202	382.6E6	166.4E6	16.522	15.186
2)	SA Decachlor...	11.354	9.524	582.1E6	423.3E6	32.549	29.914
Target Compounds							
3)	L1 AR-1016-1	6.521	5.460	61833521	30799000	87.701	84.425
4)	L1 AR-1016-2	6.545	5.480	108.6E6	55783073	94.806	84.535
5)	L1 AR-1016-3	6.611	5.673	63853122	24696403	93.336	82.968
6)	L1 AR-1016-4	6.719	5.722	48358998	21310871	89.392	84.204
7)	L1 AR-1016-5	7.030	5.952	47316422	27115937	89.676	85.072
8)	L2 AR-1221-1	5.416	4.459	10055298	2065662	38.390	17.830 #
9)	L2 AR-1221-2	5.549	4.555	13435152	6965937	75.871	86.973
10)	L2 AR-1221-3	5.635	4.648	34337835	21458229	59.558	70.112
11)	L3 AR-1232-1	5.635	4.648	34337835	21458229	76.658	87.446
12)	L3 AR-1232-2	6.223	5.480	50642964	55783073	207.137	202.223
13)	L3 AR-1232-3	6.545	5.673	108.6E6	24696403	225.299	201.314
14)	L3 AR-1232-4	6.719	5.767	48358998	26015830	213.794	233.885
15)	L3 AR-1232-5	6.811	5.952	42070547	27115937	253.659	218.832
16)	L4 AR-1242-1	6.521	5.460	61833521	30799000	104.964	98.780
17)	L4 AR-1242-2	6.545	5.480	108.6E6	55783073	113.643	101.602
18)	L4 AR-1242-3	6.611	5.673	63853122	24696403	110.596	97.741
19)	L4 AR-1242-4	6.719	5.767	48358998	26015830	105.891	104.033
20)	L4 AR-1242-5	7.500	6.330	6894148	23353069	13.249	66.611 #
21)	L5 AR-1248-1	6.521	5.460	61833521	30799000	144.590	133.774
22)	L5 AR-1248-2	6.811	5.722	42070547	21310871	64.940	59.265
23)	L5 AR-1248-3	7.030	5.767	47316422	26015830	64.173	70.112
24)	L5 AR-1248-4	7.460	5.952	7017424	27115937	8.132	60.246 #
25)	L5 AR-1248-5	7.500	6.375	6894148	3089369	7.820	6.343
26)	L6 AR-1254-1	7.426	6.330	34887150	23353069	42.279	32.060
27)	L6 AR-1254-2	7.653	6.489	36631867	23709634	28.404	36.818 #
28)	L6 AR-1254-3	8.038	6.926	20309066	42750314	14.582	40.994 #
29)	L6 AR-1254-4	8.333	7.149	12350756	4029256	12.113	5.725 #
30)	L6 AR-1254-5	8.760	7.575	120.4E6	95311577	110.648	92.697
31)	L7 AR-1260-1	8.201	7.045	85526619	62110781	97.773	95.536
32)	L7 AR-1260-2	8.465	7.242	122.5E6	86339197	109.428	96.105
33)	L7 AR-1260-3	8.760	7.396	120.4E6	88016218	98.325	107.797
34)	L7 AR-1260-4	9.073	7.878	78883190	53247208	86.247	77.695
35)	L7 AR-1260-5	9.417	8.126	146.7E6	147.8E6	81.159	76.845
36)	L8 AR-1262-1	8.831	7.575	62750663	95311577	49.515	172.525 #
37)	L8 AR-1262-2	9.417	8.126	146.7E6	147.8E6	62.944	61.245
38)	L8 AR-1262-3	9.745	8.411	25720188	29870508	26.074	30.887
39)	L8 AR-1262-4	9.827	8.473	53043038	100.8E6	81.239	60.532 #
40)	L8 AR-1262-5	10.554	8.976	45555050	33410419	52.542	42.525
41)	L9 AR-1268-1	9.745	8.411	25720188	29870508	9.734	10.353

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 Acq On : 08 Oct 2021 17:22
 Operator : AJ\MA
 Sample : PB139760BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

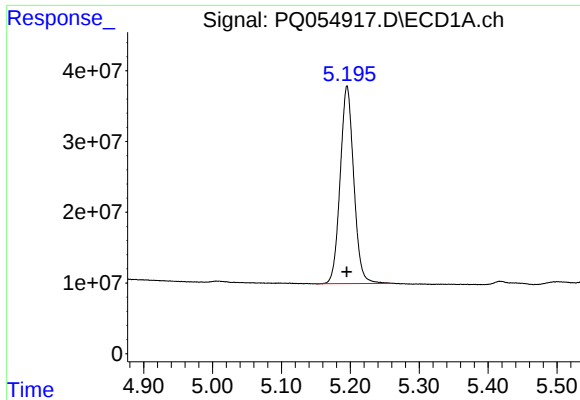
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 04:45:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ100421CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 05 07:08:29 2021
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 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
42) L9	AR-1268-2	9.827	8.473	53043038	100.8E6	21.478	40.687 #
43) L9	AR-1268-3	10.086	8.682	7747530	6122970	3.715	2.846
44) L9	AR-1268-4	10.554	8.976	45555050	33410419	48.432	38.690
45) L9	AR-1268-5	10.994	9.271	17198726	10823552	2.417	1.722 #

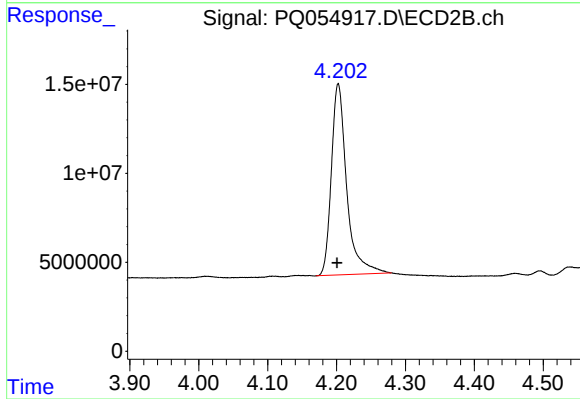
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

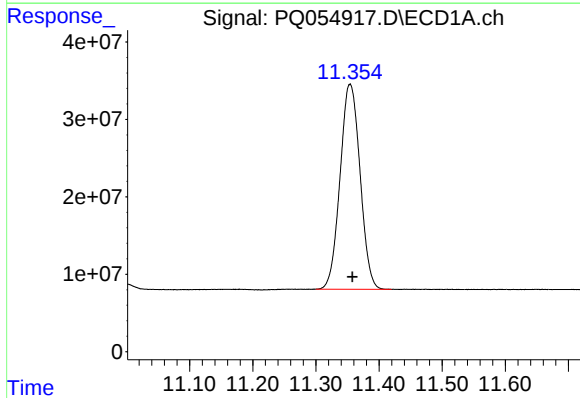
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 382632456
Conc: 16.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



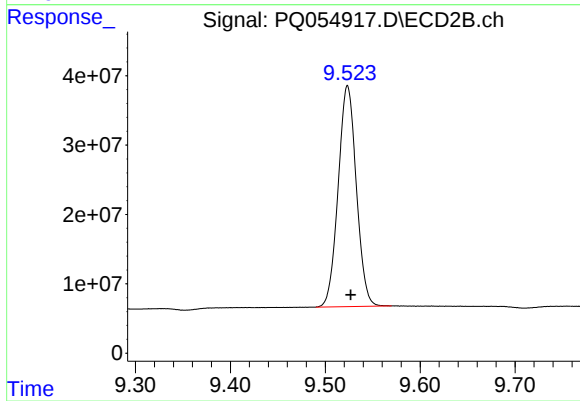
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: 0.002 min
Response: 166374607
Conc: 15.19 ng/ml



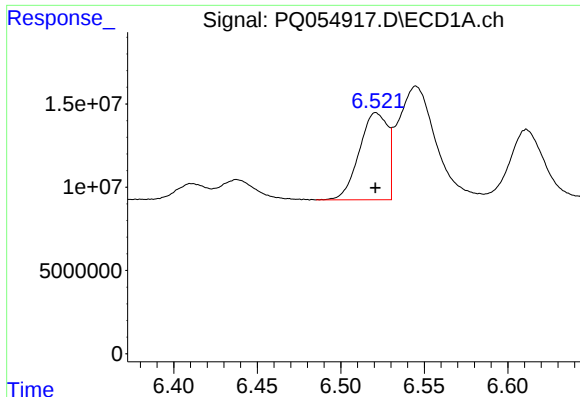
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.004 min
Response: 582140283
Conc: 32.55 ng/ml



#2 Decachlorobiphenyl

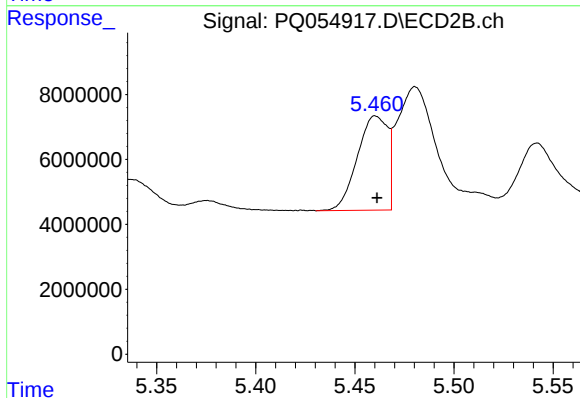
R.T.: 9.524 min
Delta R.T.: -0.003 min
Response: 423332232
Conc: 29.91 ng/ml



#3 AR-1016-1

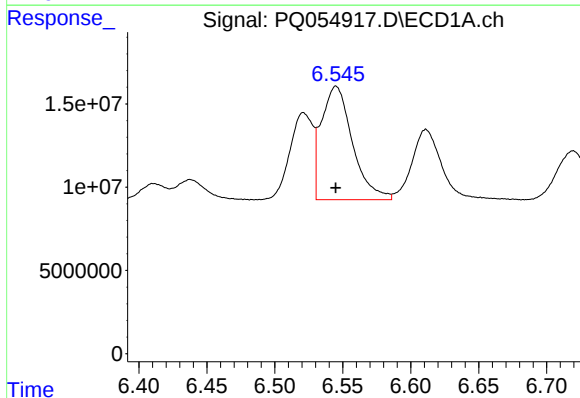
R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 61833521
Conc: 87.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



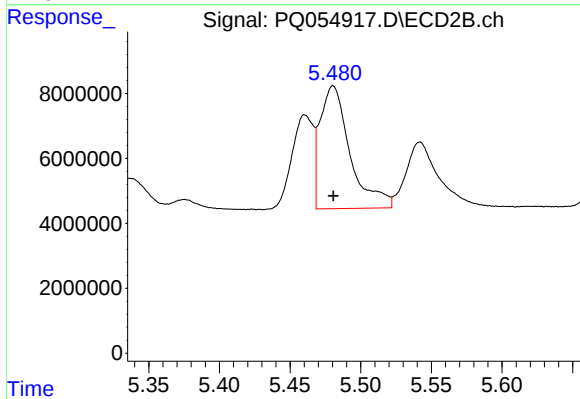
#3 AR-1016-1

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 30799000
Conc: 84.42 ng/ml



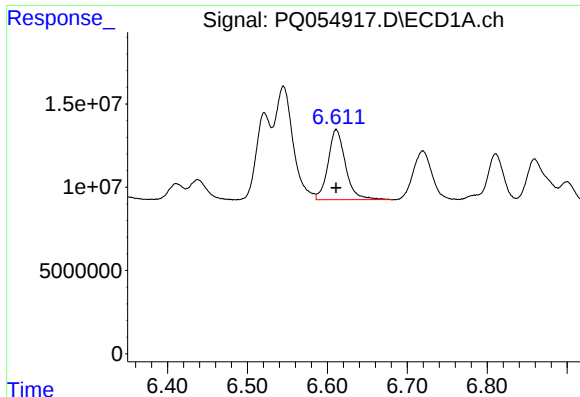
#4 AR-1016-2

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 108559490
Conc: 94.81 ng/ml



#4 AR-1016-2

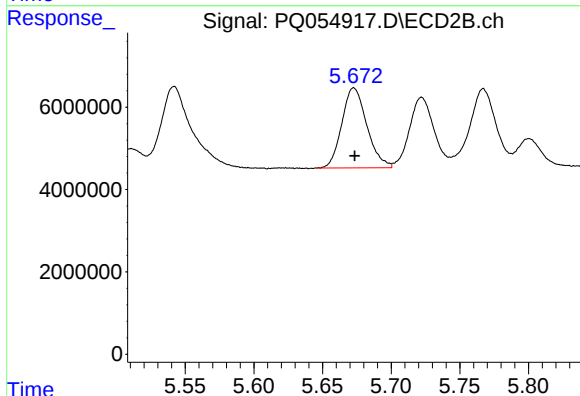
R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 55783073
Conc: 84.54 ng/ml



#5 AR-1016-3

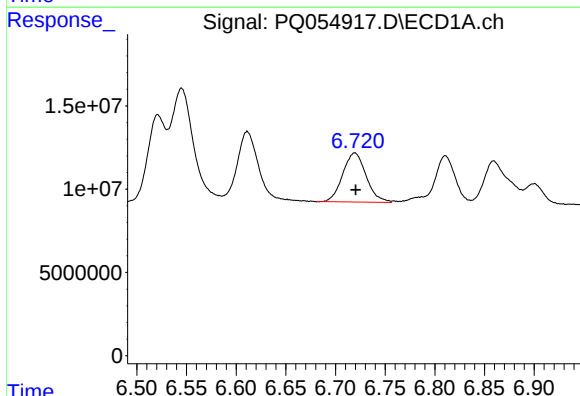
R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 63853122
Conc: 93.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



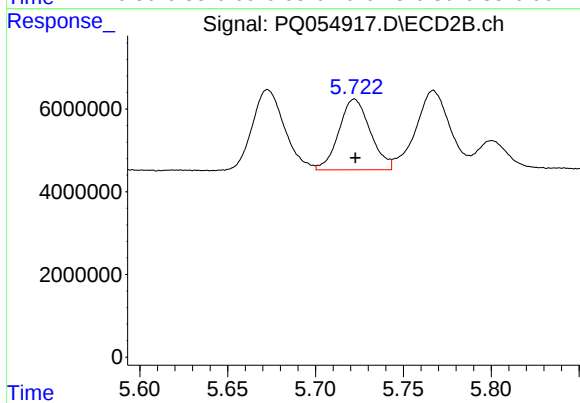
#5 AR-1016-3

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 24696403
Conc: 82.97 ng/ml



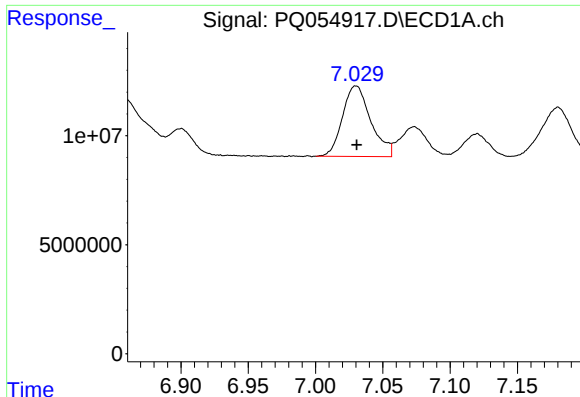
#6 AR-1016-4

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 48358998
Conc: 89.39 ng/ml



#6 AR-1016-4

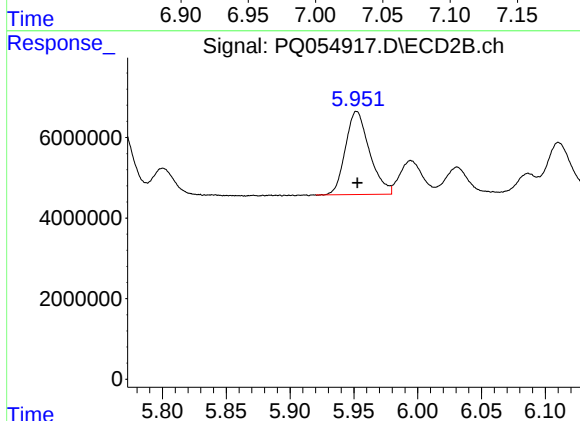
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 21310871
Conc: 84.20 ng/ml



#7 AR-1016-5

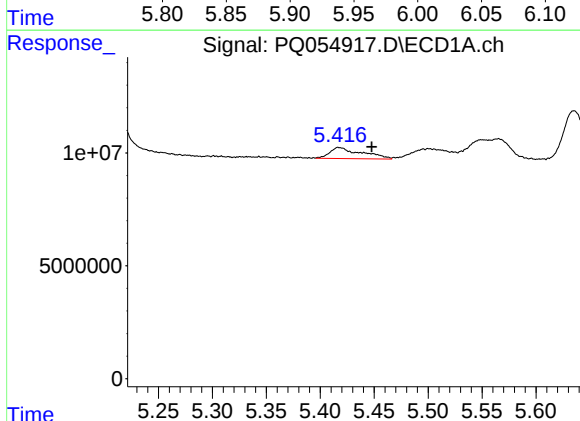
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 47316422
Conc: 89.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



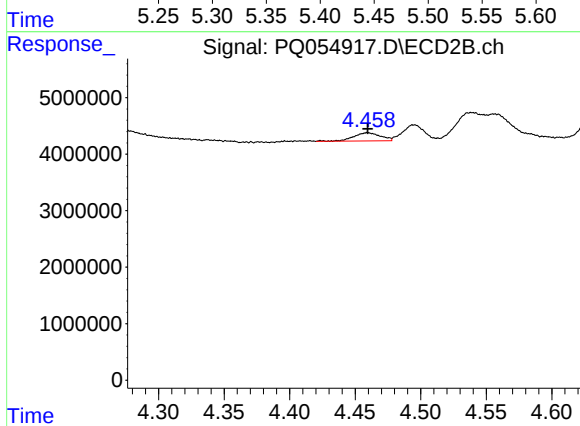
#7 AR-1016-5

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 27115937
Conc: 85.07 ng/ml



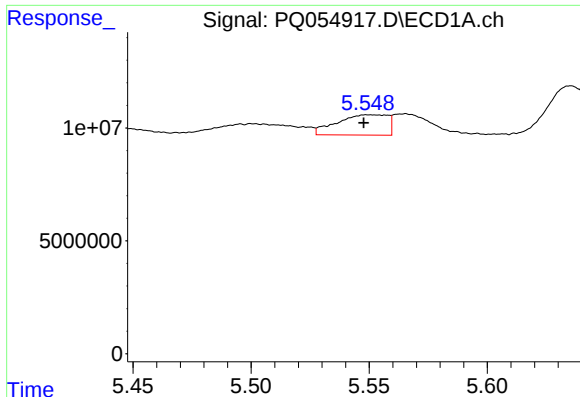
#8 AR-1221-1

R.T.: 5.416 min
Delta R.T.: -0.031 min
Response: 10055298
Conc: 38.39 ng/ml



#8 AR-1221-1

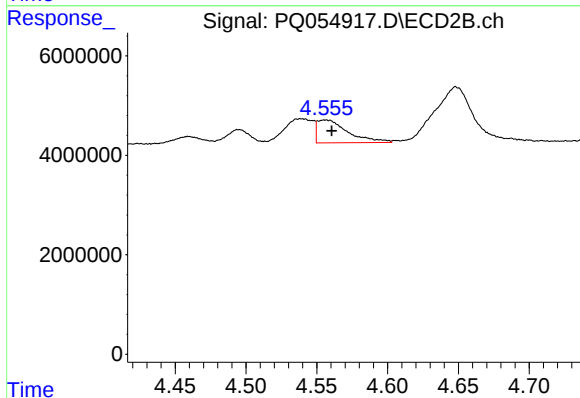
R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 2065662
Conc: 17.83 ng/ml



#9 AR-1221-2

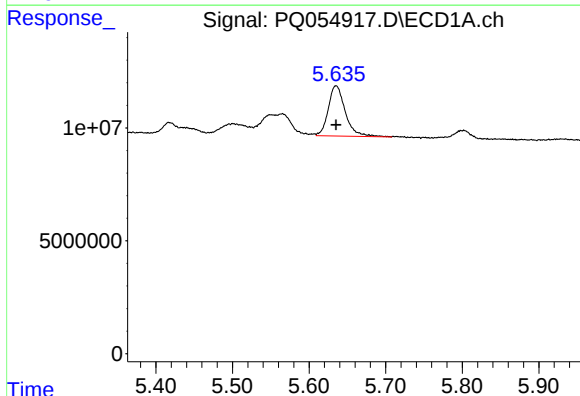
R.T.: 5.549 min
Delta R.T.: 0.001 min
Response: 13435152
Conc: 75.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



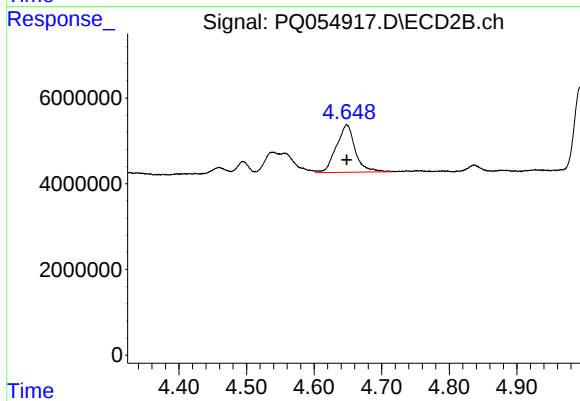
#9 AR-1221-2

R.T.: 4.555 min
Delta R.T.: -0.005 min
Response: 6965937
Conc: 86.97 ng/ml



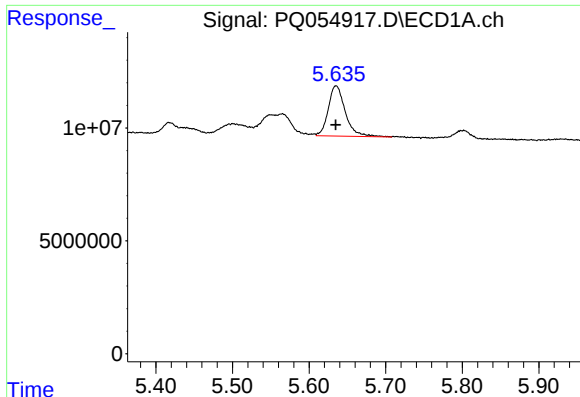
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 34337835
Conc: 59.56 ng/ml



#10 AR-1221-3

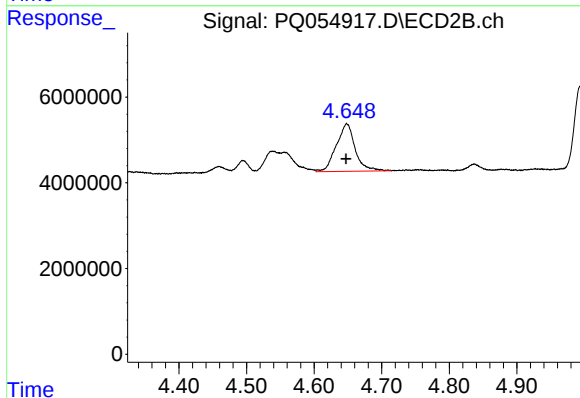
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 21458229
Conc: 70.11 ng/ml



#11 AR-1232-1

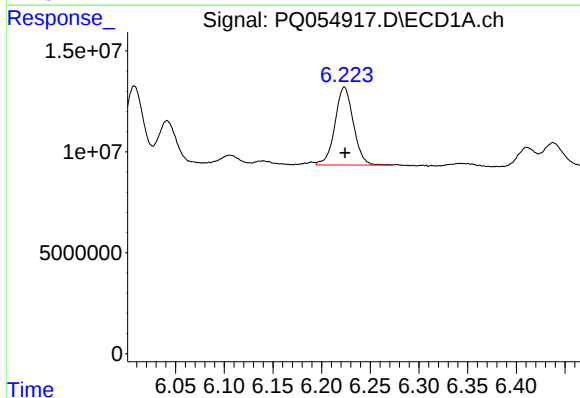
R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 34337835
Conc: 76.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



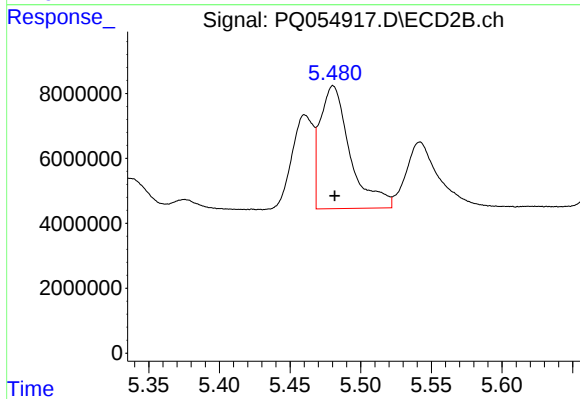
#11 AR-1232-1

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 21458229
Conc: 87.45 ng/ml



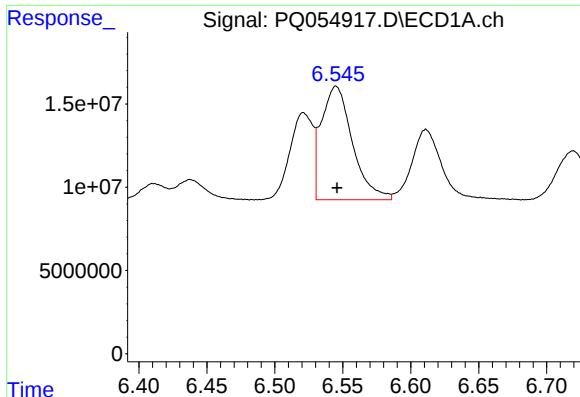
#12 AR-1232-2

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 50642964
Conc: 207.14 ng/ml



#12 AR-1232-2

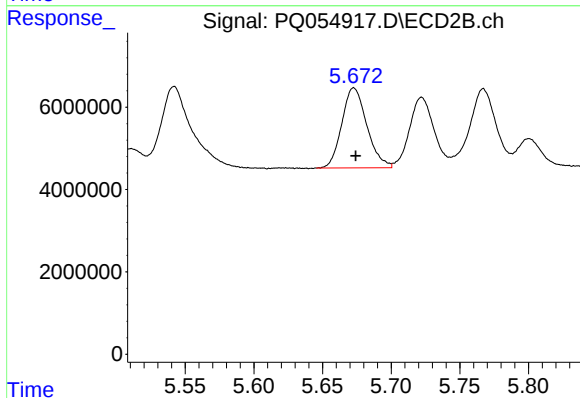
R.T.: 5.480 min
Delta R.T.: -0.001 min
Response: 55783073
Conc: 202.22 ng/ml



#13 AR-1232-3

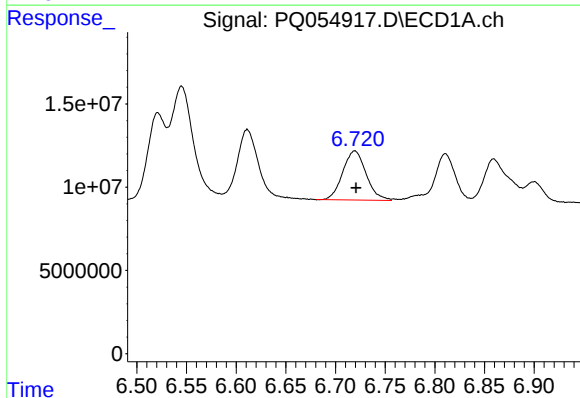
R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 108559490
Conc: 225.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



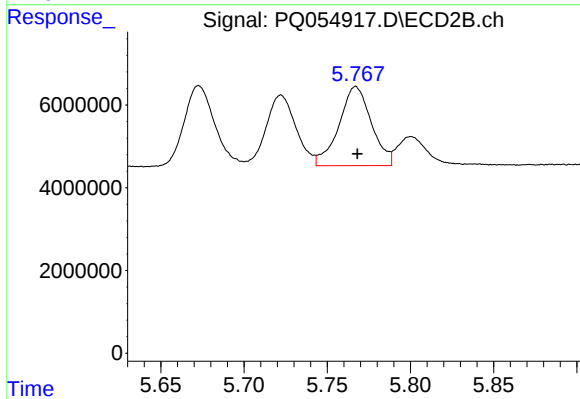
#13 AR-1232-3

R.T.: 5.673 min
Delta R.T.: -0.001 min
Response: 24696403
Conc: 201.31 ng/ml



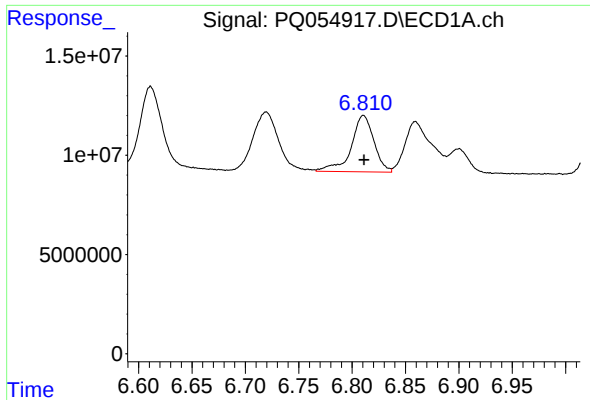
#14 AR-1232-4

R.T.: 6.719 min
Delta R.T.: -0.001 min
Response: 48358998
Conc: 213.79 ng/ml



#14 AR-1232-4

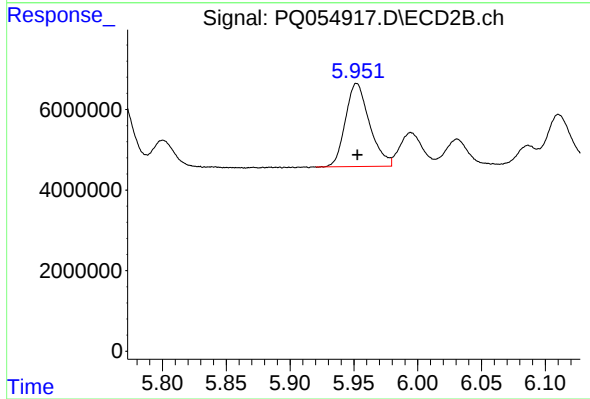
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 26015830
Conc: 233.89 ng/ml



#15 AR-1232-5

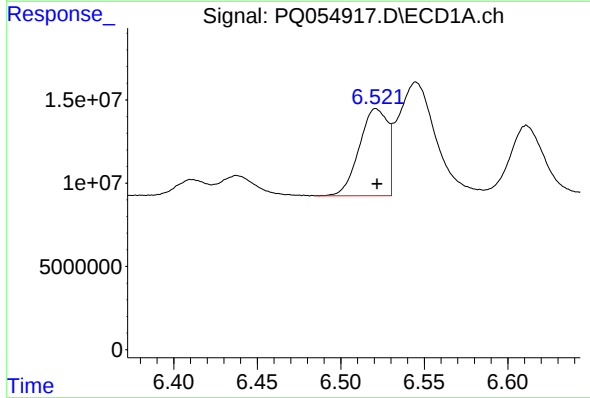
R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 42070547
Conc: 253.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



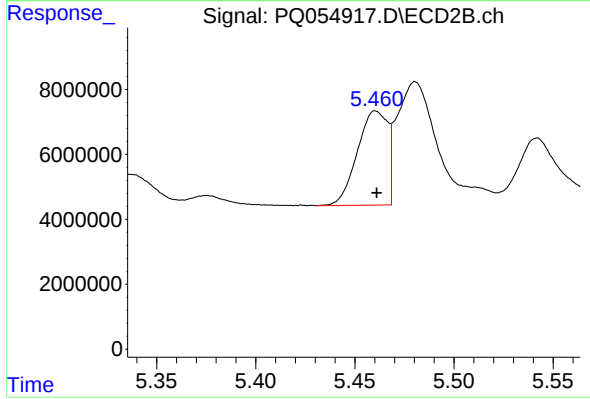
#15 AR-1232-5

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 27115937
Conc: 218.83 ng/ml



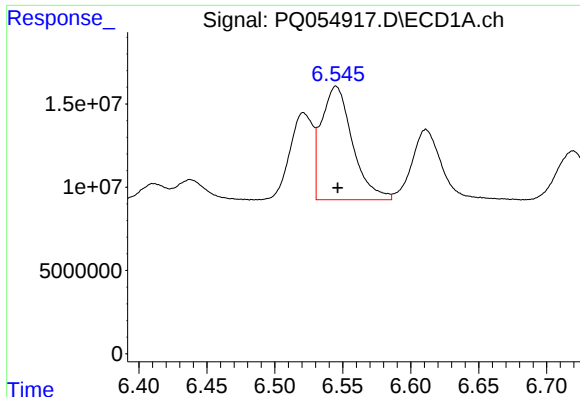
#16 AR-1242-1

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 61833521
Conc: 104.96 ng/ml



#16 AR-1242-1

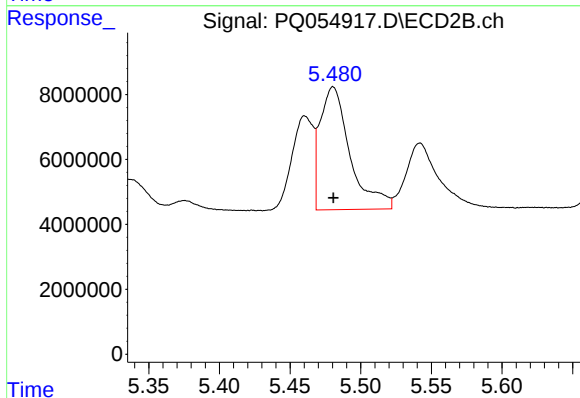
R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 30799000
Conc: 98.78 ng/ml



#17 AR-1242-2

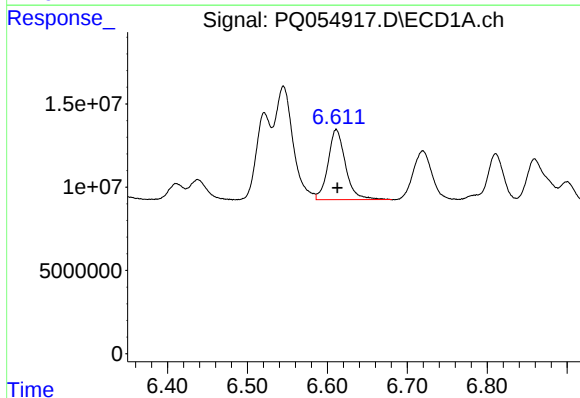
R.T.: 6.545 min
Delta R.T.: -0.001 min
Response: 108559490
Conc: 113.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



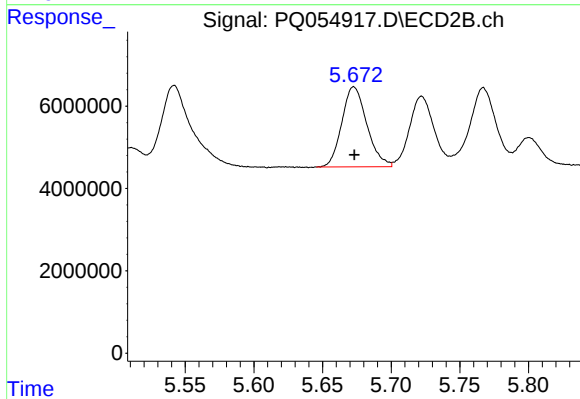
#17 AR-1242-2

R.T.: 5.480 min
Delta R.T.: 0.000 min
Response: 55783073
Conc: 101.60 ng/ml



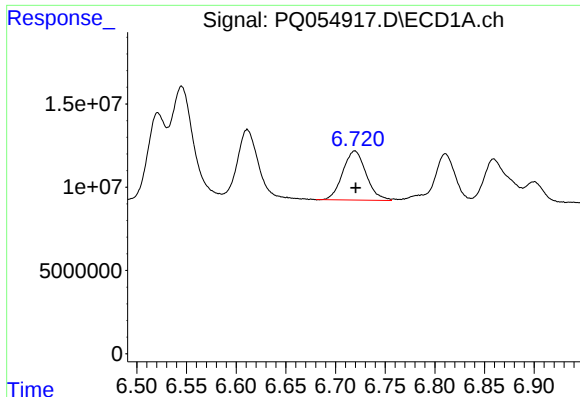
#18 AR-1242-3

R.T.: 6.611 min
Delta R.T.: -0.001 min
Response: 63853122
Conc: 110.60 ng/ml



#18 AR-1242-3

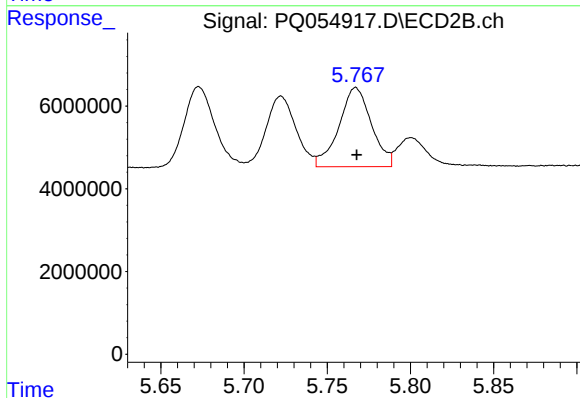
R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 24696403
Conc: 97.74 ng/ml



#19 AR-1242-4

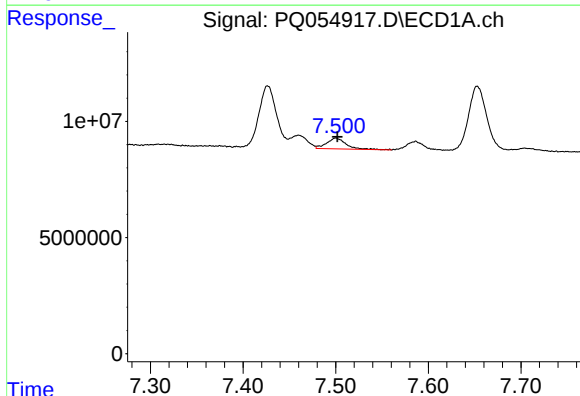
R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 48358998
Conc: 105.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



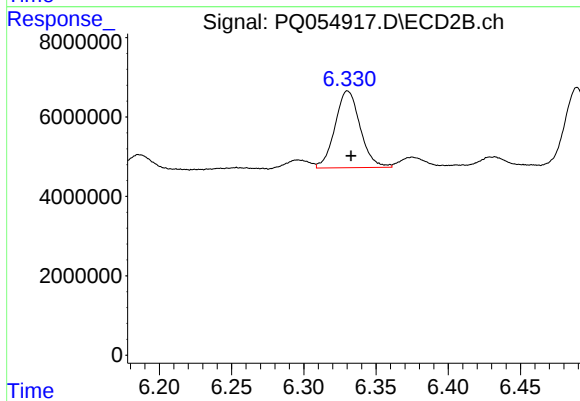
#19 AR-1242-4

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 26015830
Conc: 104.03 ng/ml



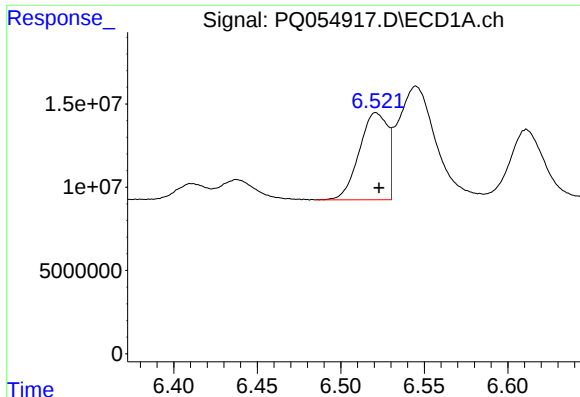
#20 AR-1242-5

R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 6894148
Conc: 13.25 ng/ml



#20 AR-1242-5

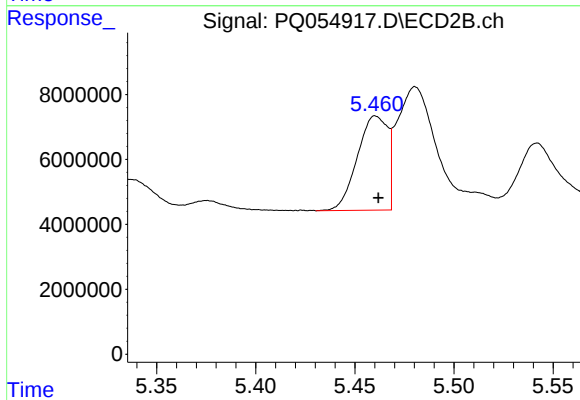
R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 23353069
Conc: 66.61 ng/ml



#21 AR-1248-1

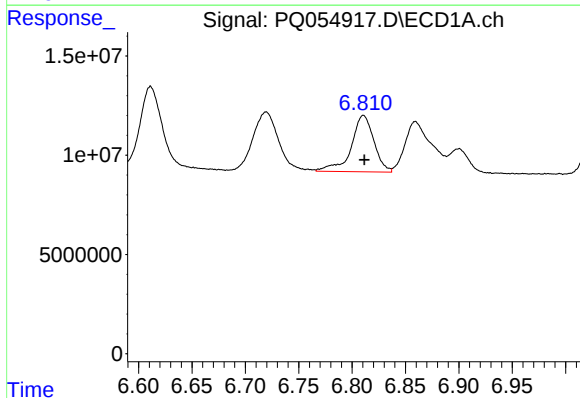
R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 61833521
Conc: 144.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



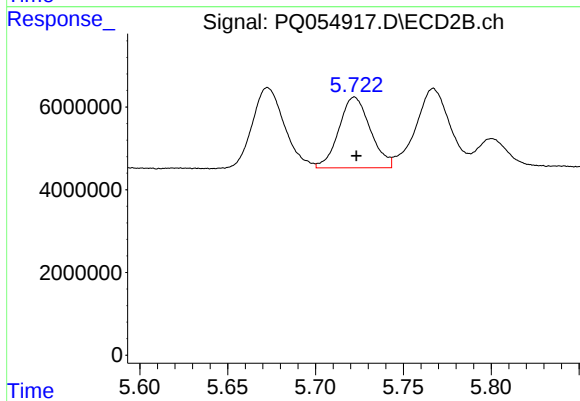
#21 AR-1248-1

R.T.: 5.460 min
Delta R.T.: -0.001 min
Response: 30799000
Conc: 133.77 ng/ml



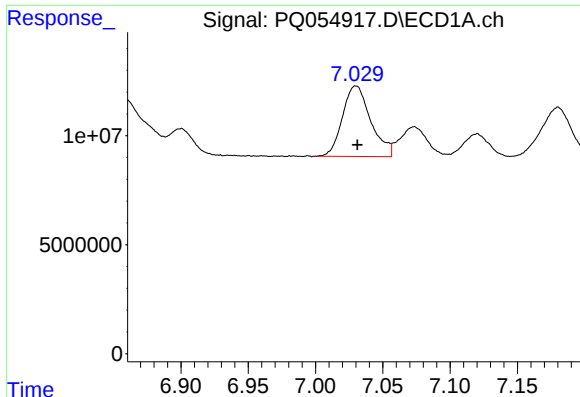
#22 AR-1248-2

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 42070547
Conc: 64.94 ng/ml



#22 AR-1248-2

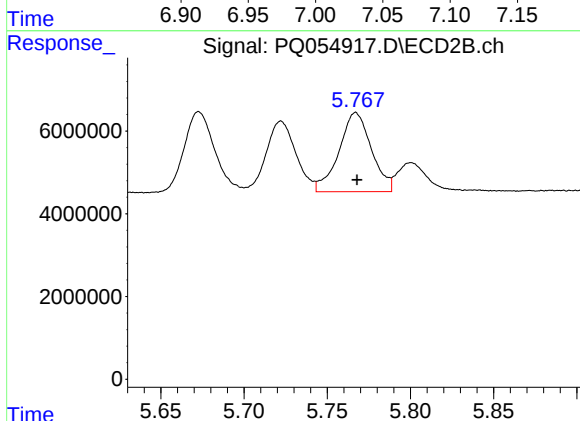
R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 21310871
Conc: 59.26 ng/ml



#23 AR-1248-3

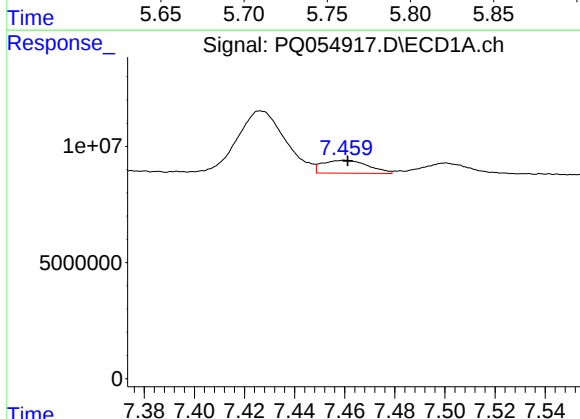
R.T.: 7.030 min
Delta R.T.: -0.001 min
Response: 47316422
Conc: 64.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



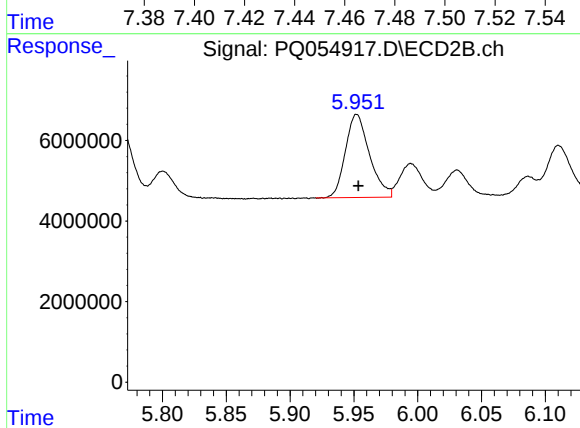
#23 AR-1248-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 26015830
Conc: 70.11 ng/ml



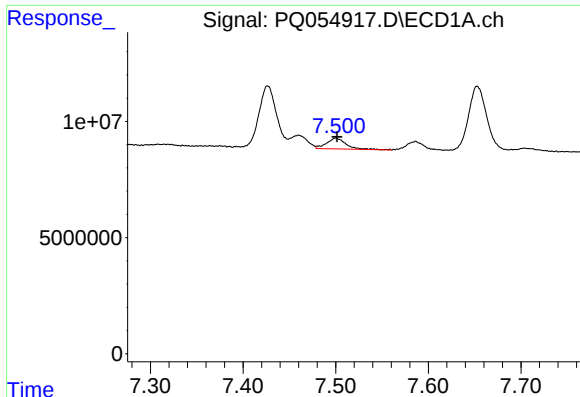
#24 AR-1248-4

R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 7017424
Conc: 8.13 ng/ml



#24 AR-1248-4

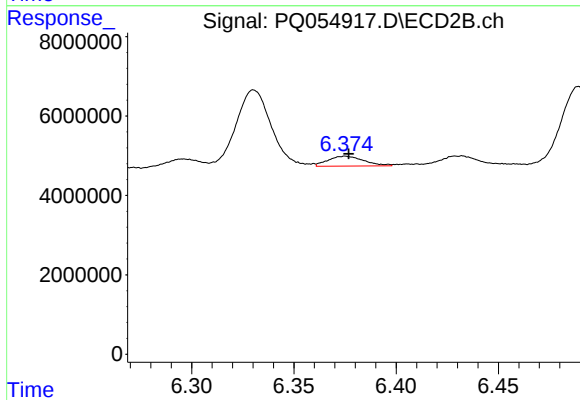
R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 27115937
Conc: 60.25 ng/ml



#25 AR-1248-5

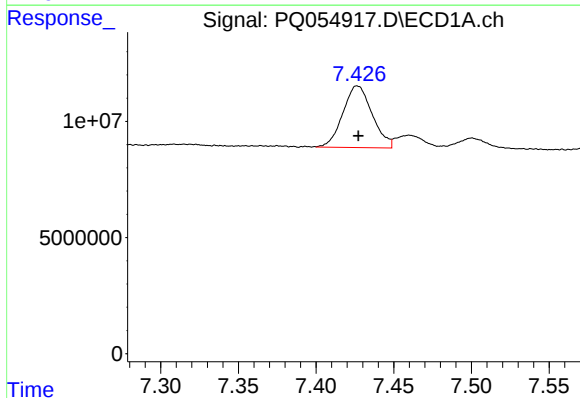
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 6894148
Conc: 7.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



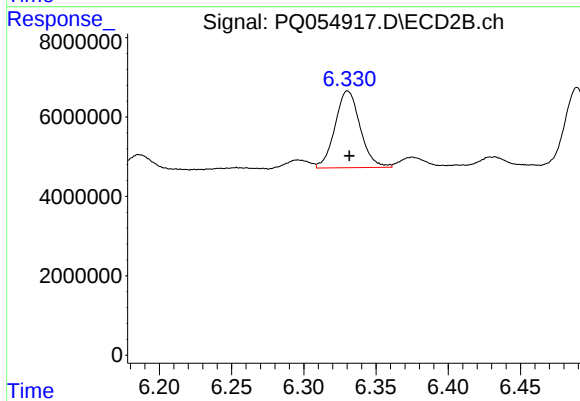
#25 AR-1248-5

R.T.: 6.375 min
Delta R.T.: -0.002 min
Response: 3089369
Conc: 6.34 ng/ml



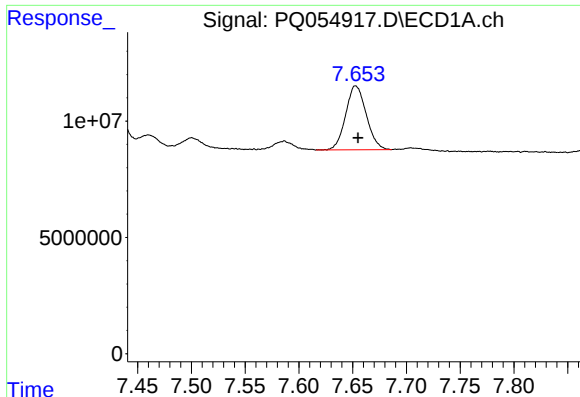
#26 AR-1254-1

R.T.: 7.426 min
Delta R.T.: 0.000 min
Response: 34887150
Conc: 42.28 ng/ml



#26 AR-1254-1

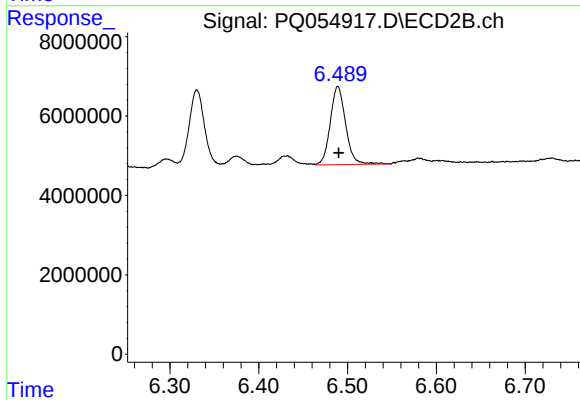
R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 23353069
Conc: 32.06 ng/ml



#27 AR-1254-2

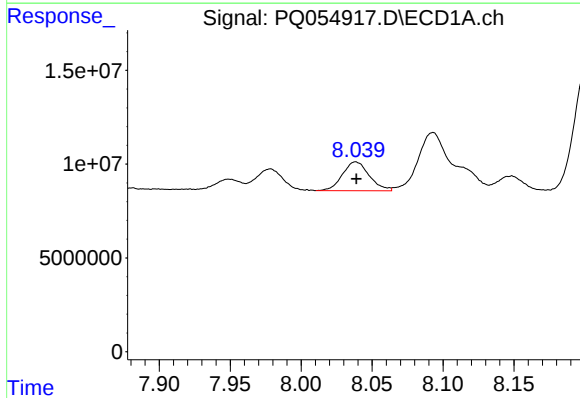
R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 36631867
Conc: 28.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



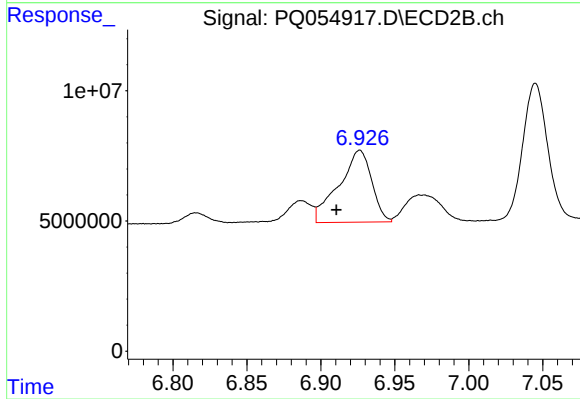
#27 AR-1254-2

R.T.: 6.489 min
Delta R.T.: -0.001 min
Response: 23709634
Conc: 36.82 ng/ml



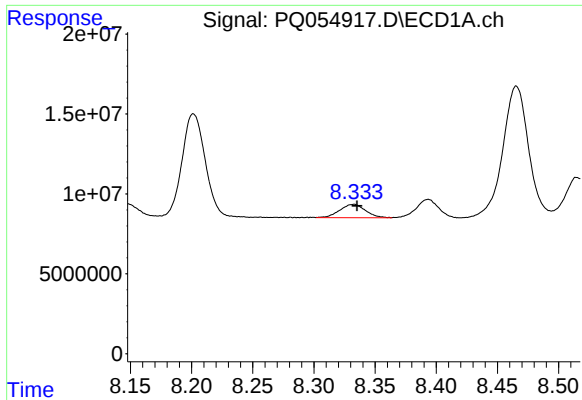
#28 AR-1254-3

R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 20309066
Conc: 14.58 ng/ml



#28 AR-1254-3

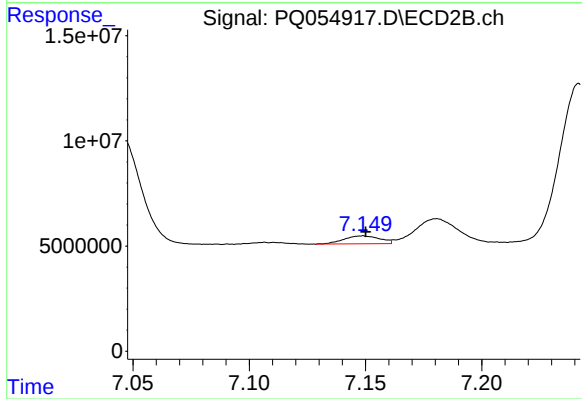
R.T.: 6.926 min
Delta R.T.: 0.016 min
Response: 42750314
Conc: 40.99 ng/ml



#29 AR-1254-4

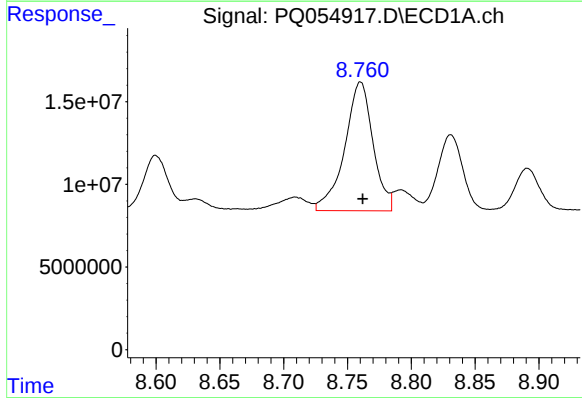
R.T.: 8.333 min
Delta R.T.: -0.002 min
Response: 12350756
Conc: 12.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



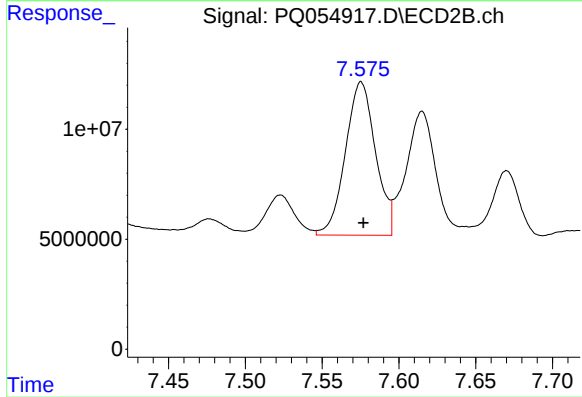
#29 AR-1254-4

R.T.: 7.149 min
Delta R.T.: -0.001 min
Response: 4029256
Conc: 5.73 ng/ml



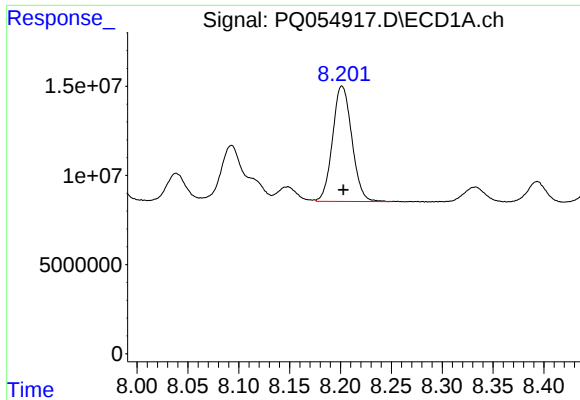
#30 AR-1254-5

R.T.: 8.760 min
Delta R.T.: -0.002 min
Response: 120357317
Conc: 110.65 ng/ml



#30 AR-1254-5

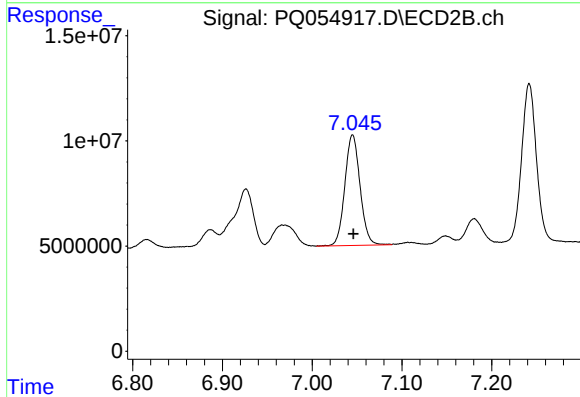
R.T.: 7.575 min
Delta R.T.: -0.001 min
Response: 95311577
Conc: 92.70 ng/ml



#31 AR-1260-1

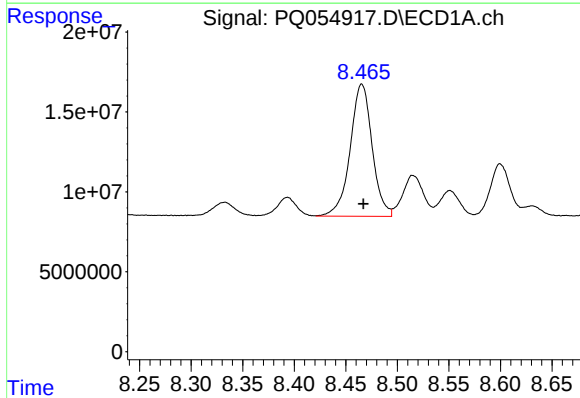
R.T.: 8.201 min
Delta R.T.: -0.002 min
Response: 85526619
Conc: 97.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



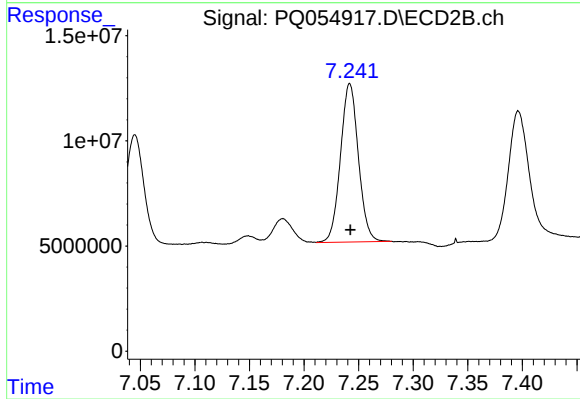
#31 AR-1260-1

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 62110781
Conc: 95.54 ng/ml



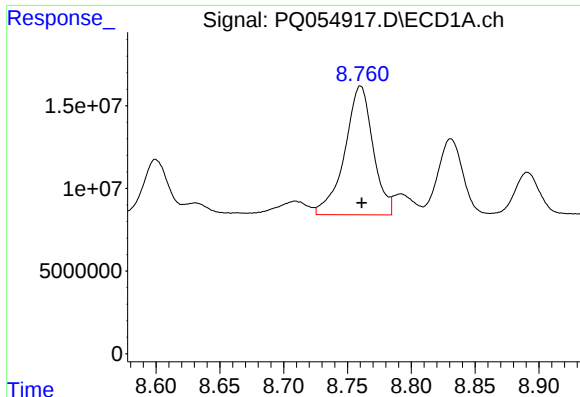
#32 AR-1260-2

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 122512004
Conc: 109.43 ng/ml



#32 AR-1260-2

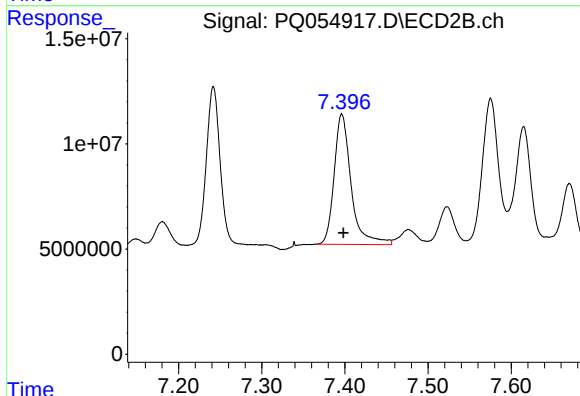
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 86339197
Conc: 96.10 ng/ml



#33 AR-1260-3

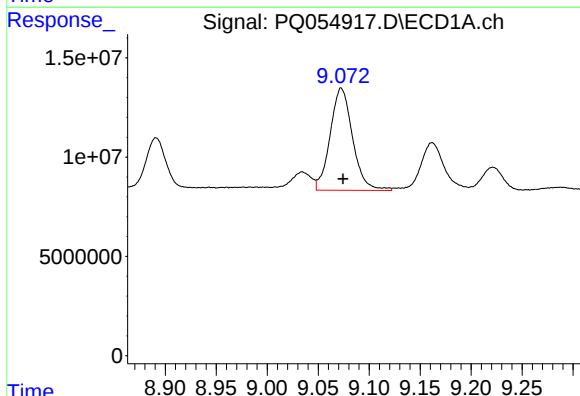
R.T.: 8.760 min
Delta R.T.: -0.001 min
Response: 120357317
Conc: 98.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



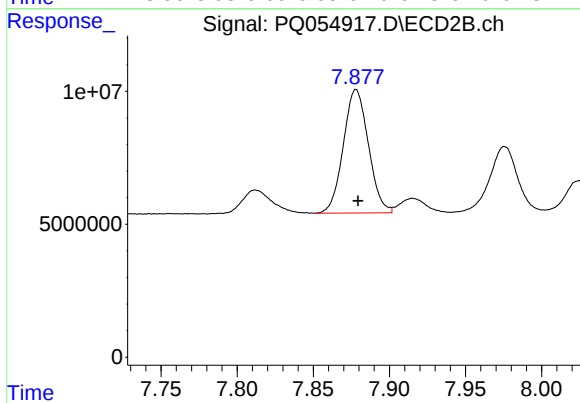
#33 AR-1260-3

R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 88016218
Conc: 107.80 ng/ml



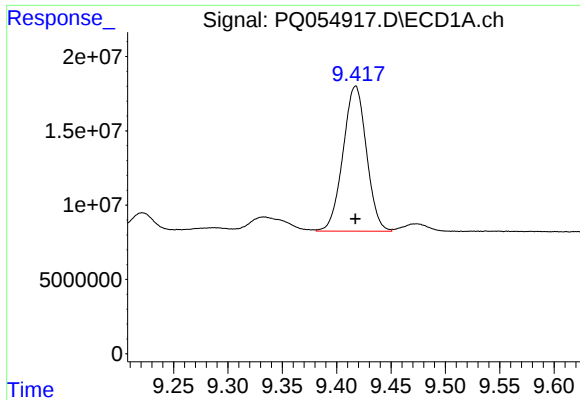
#34 AR-1260-4

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 78883190
Conc: 86.25 ng/ml



#34 AR-1260-4

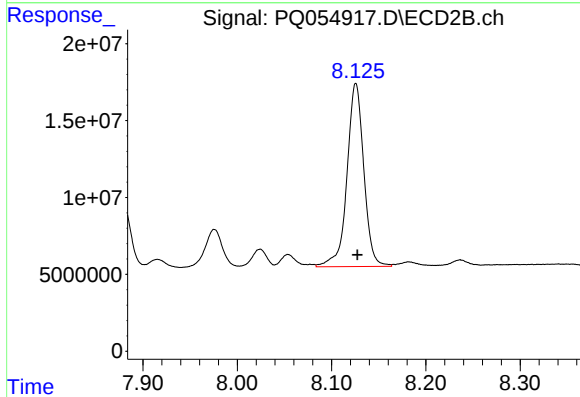
R.T.: 7.878 min
Delta R.T.: -0.001 min
Response: 53247208
Conc: 77.69 ng/ml



#35 AR-1260-5

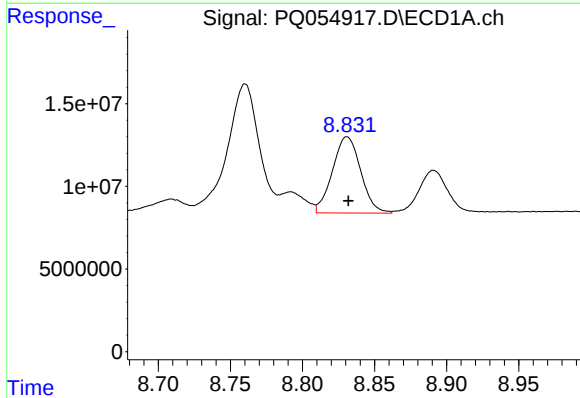
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 146666606
Conc: 81.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



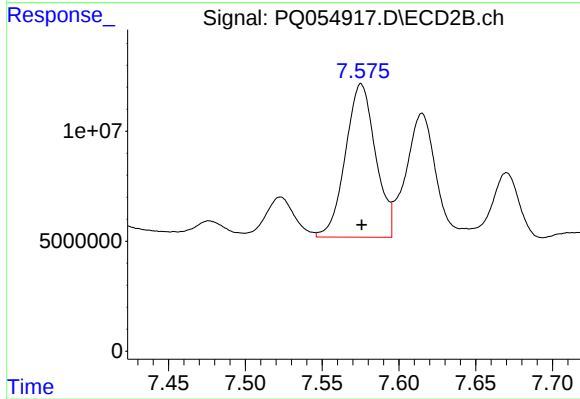
#35 AR-1260-5

R.T.: 8.126 min
Delta R.T.: -0.001 min
Response: 147814373
Conc: 76.85 ng/ml



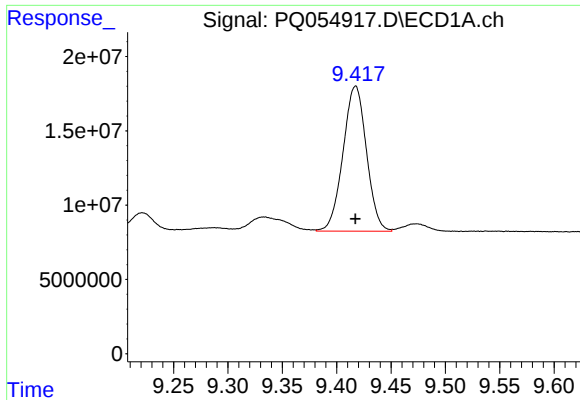
#36 AR-1262-1

R.T.: 8.831 min
Delta R.T.: 0.000 min
Response: 62750663
Conc: 49.51 ng/ml



#36 AR-1262-1

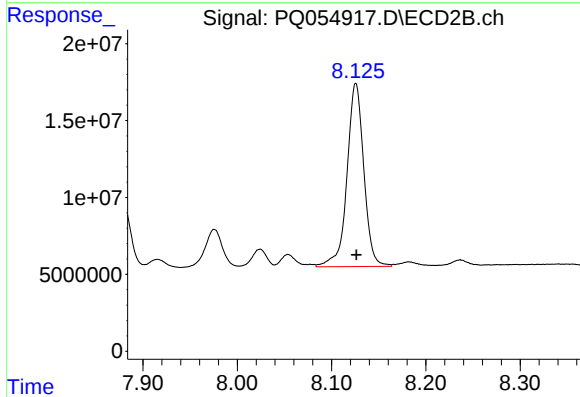
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 95311577
Conc: 172.52 ng/ml



#37 AR-1262-2

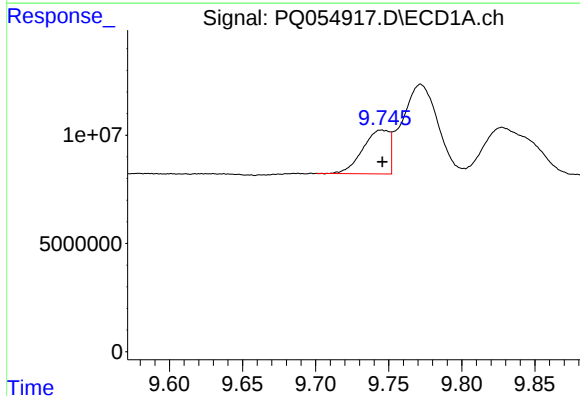
R.T.: 9.417 min
Delta R.T.: 0.000 min
Response: 146666606
Conc: 62.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



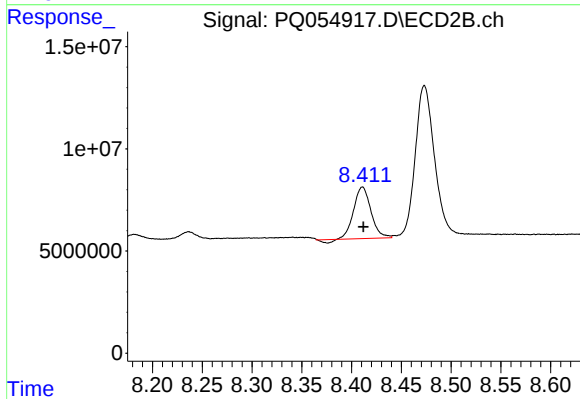
#37 AR-1262-2

R.T.: 8.126 min
Delta R.T.: 0.000 min
Response: 147814373
Conc: 61.25 ng/ml



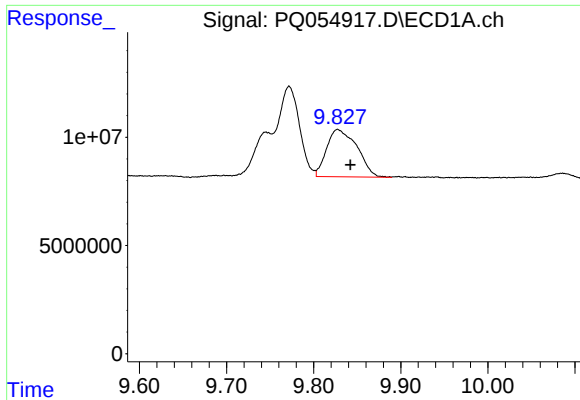
#38 AR-1262-3

R.T.: 9.745 min
Delta R.T.: 0.000 min
Response: 25720188
Conc: 26.07 ng/ml



#38 AR-1262-3

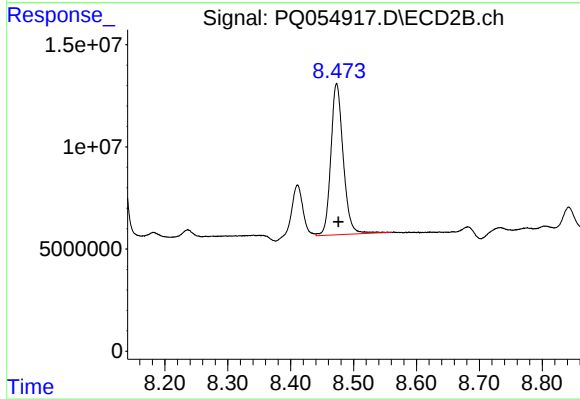
R.T.: 8.411 min
Delta R.T.: -0.001 min
Response: 29870508
Conc: 30.89 ng/ml



#39 AR-1262-4

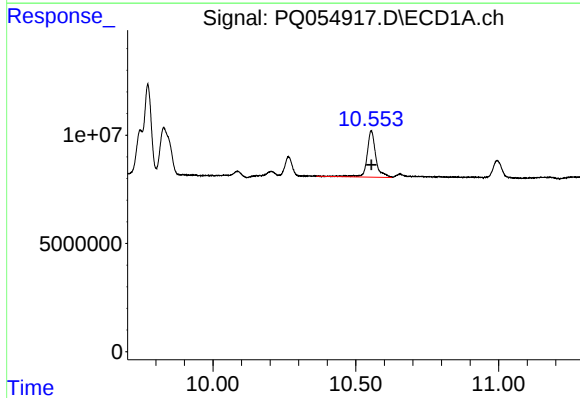
R.T.: 9.827 min
Delta R.T.: -0.015 min
Response: 53043038
Conc: 81.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



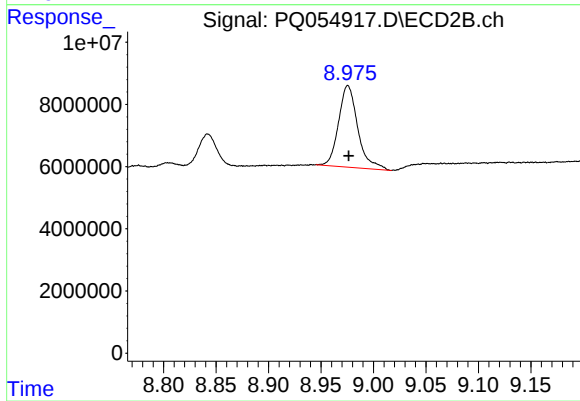
#39 AR-1262-4

R.T.: 8.473 min
Delta R.T.: -0.003 min
Response: 100847469
Conc: 60.53 ng/ml



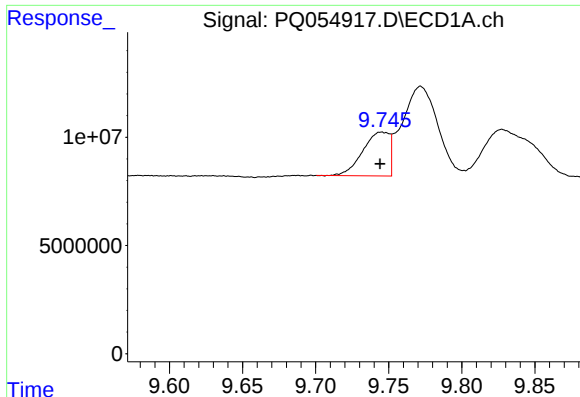
#40 AR-1262-5

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 45555050
Conc: 52.54 ng/ml



#40 AR-1262-5

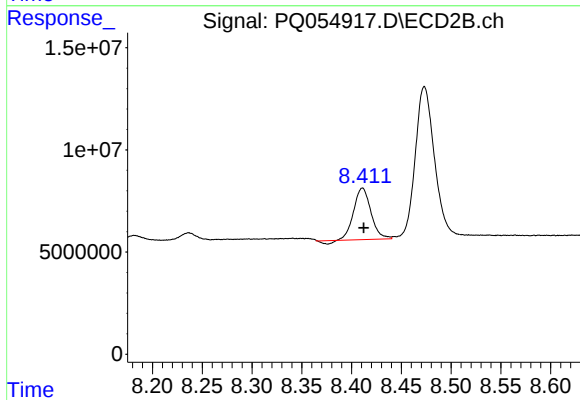
R.T.: 8.976 min
Delta R.T.: 0.000 min
Response: 33410419
Conc: 42.52 ng/ml



#41 AR-1268-1

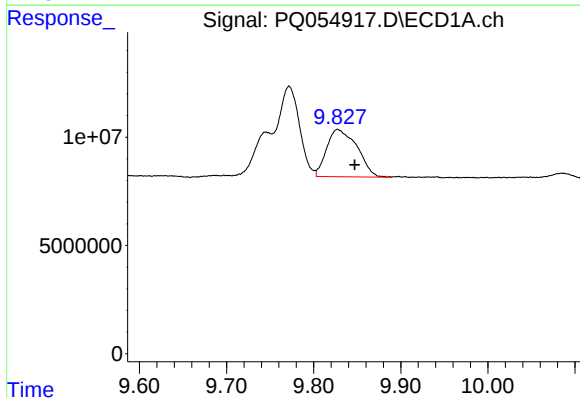
R.T.: 9.745 min
Delta R.T.: 0.001 min
Response: 25720188
Conc: 9.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



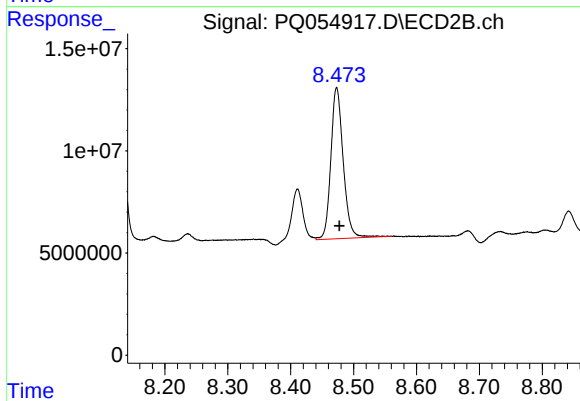
#41 AR-1268-1

R.T.: 8.411 min
Delta R.T.: -0.001 min
Response: 29870508
Conc: 10.35 ng/ml



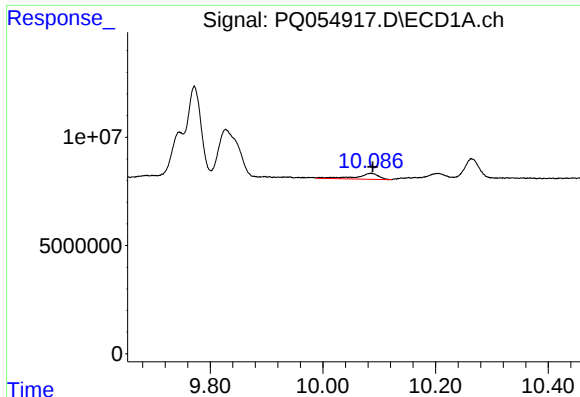
#42 AR-1268-2

R.T.: 9.827 min
Delta R.T.: -0.020 min
Response: 53043038
Conc: 21.48 ng/ml



#42 AR-1268-2

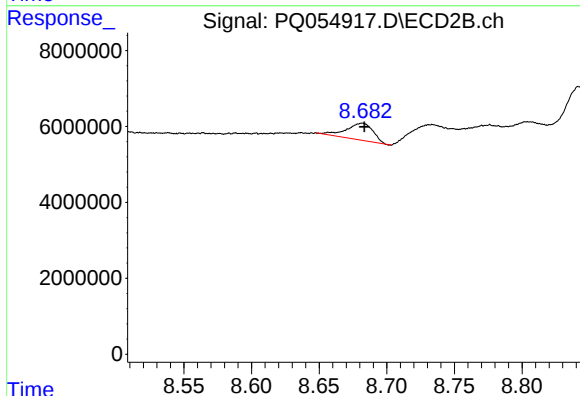
R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 100847469
Conc: 40.69 ng/ml



#43 AR-1268-3

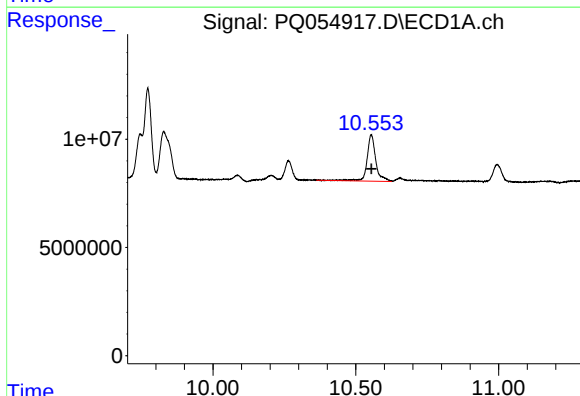
R.T.: 10.086 min
Delta R.T.: -0.003 min
Response: 7747530
Conc: 3.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



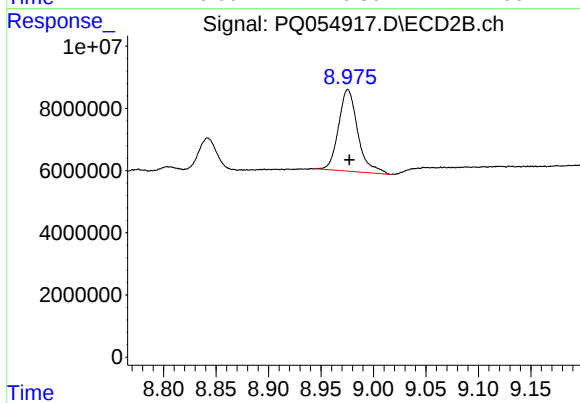
#43 AR-1268-3

R.T.: 8.682 min
Delta R.T.: -0.002 min
Response: 6122970
Conc: 2.85 ng/ml



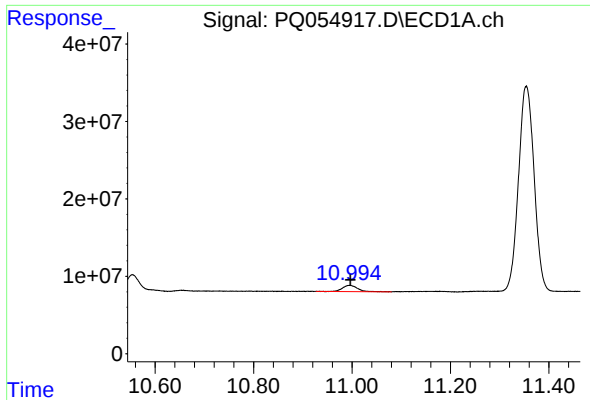
#44 AR-1268-4

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 45555050
Conc: 48.43 ng/ml



#44 AR-1268-4

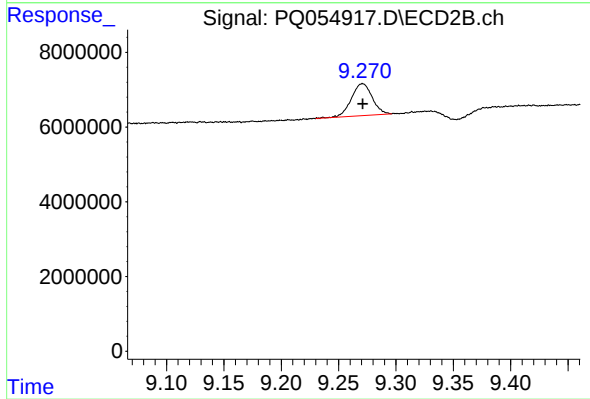
R.T.: 8.976 min
Delta R.T.: -0.001 min
Response: 33410419
Conc: 38.69 ng/ml



#45 AR-1268-5

R.T.: 10.994 min
Delta R.T.: -0.002 min
Response: 17198726
Conc: 2.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.271 min
Delta R.T.: 0.000 min
Response: 10823552
Conc: 1.72 ng/ml