

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111623\
 Data File : PQ064142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2023 12:15
 Operator : YP\AJ
 Sample : 05381-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 19:56:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 11 06:14:57 2023
 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...	3.452	2.824f	2477751	2451105	0.541	0.546
2)	SA Decachlor...	8.699	7.575	1158954	1859940	0.351	0.347
Target Compounds							
3)	L1 AR-1016-1	4.577	3.787	58235040	53611101	406.083	397.074
4)	L1 AR-1016-2	4.597	3.803	87576977	80061554	399.802	406.868
5)	L1 AR-1016-3	4.655	3.964	52863906	40219989	386.399	382.001
6)	L1 AR-1016-4	4.747	4.013	43714558	33410733	387.808	376.280
7)	L1 AR-1016-5	5.037	4.209	43104307	41990379	386.540	388.298
8)	L2 AR-1221-1	3.662	2.981	5537442	5492931	100.161	101.167
9)	L2 AR-1221-2	3.745	3.060	6098823	6035251	167.349	162.496
10)	L2 AR-1221-3	3.816	3.128	28705649	28548819	232.718	228.874
11)	L3 AR-1232-1	3.816	3.128	28705649	28548819	282.843	274.241
12)	L3 AR-1232-2	4.316	3.803	44210946	80061554	872.572	873.808
13)	L3 AR-1232-3	4.597	3.964	87576977	40219989	901.629	845.385
14)	L3 AR-1232-4	4.747	4.050	43714558	36869967	870.729	913.558
15)	L3 AR-1232-5	4.846	4.209	33974130	41990379	940.636	902.006
16)	L4 AR-1242-1	4.577	3.787	58235040	53611101	485.478	468.191
17)	L4 AR-1242-2	4.597	3.803	87576977	80061554	486.224	481.280
18)	L4 AR-1242-3	4.655	3.964	52863906	40219989	471.078	456.119
19)	L4 AR-1242-4	4.747	4.050	43714558	36869967	474.906	448.184
20)	L4 AR-1242-5	5.476	4.547	13195145	36087496	138.051	339.362 #
21)	L5 AR-1248-1	4.577	3.787	58235040	53611101	627.720	600.464
22)	L5 AR-1248-2	4.846	4.013	33974130	33410733	256.982	255.966
23)	L5 AR-1248-3	5.037	4.050	43104307	36869967	274.792	296.429
24)	L5 AR-1248-4	5.434	4.209	10399326	41990379	60.577	277.443 #
25)	L5 AR-1248-5	5.476	4.584	13195145	8150077	78.614	55.068 #
26)	L6 AR-1254-1	5.407	4.547	43756072	36087496	252.141	164.911 #
27)	L6 AR-1254-2	5.627	4.695	49969225	35055499	185.907	183.982
28)	L6 AR-1254-3	5.981	5.079	26974816	15909663	98.152	53.561 #
29)	L6 AR-1254-4	6.266	5.305	15777834	6240593	79.037	33.061 #
30)	L6 AR-1254-5	6.683	5.712	122.5E6	124.7E6	560.037	458.234
31)	L7 AR-1260-1	6.148	5.207	84697172	82145347	387.289	390.908
32)	L7 AR-1260-2	6.409	5.398	106.0E6	99121230	407.170	397.996
33)	L7 AR-1260-3	6.766	5.540	63669903	93824938	331.908	395.137
34)	L7 AR-1260-4	6.985	6.005	75161864	71883198	349.958	355.317
35)	L7 AR-1260-5	7.297	6.251	147.7E6	168.8E6	364.910	361.513
36)	L8 AR-1262-1	6.766	5.756	63669903	70601607	225.238	243.626
37)	L8 AR-1262-2	7.297	6.251	147.7E6	168.8E6	321.201	322.839
38)	L8 AR-1262-3	7.577	6.530	92660747	31371954	299.337	145.959 #
39)	L8 AR-1262-4	7.649	6.588	21285846	123.2E6	89.274	309.274 #
40)	L8 AR-1262-5	8.158	7.087	33146546	54300576	211.085	271.085 #
41)	L9 AR-1268-1	7.577	6.530	92660747	31371954	173.101	51.151 #

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 Acq On : 16 Nov 2023 12:15
 Operator : YP\AJ
 Sample : 05381-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

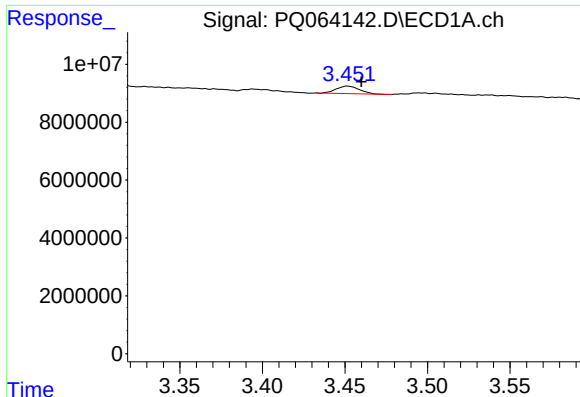
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 19:56:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ111123CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.649	6.588	21285846	123.2E6	43.954	221.291 #
43) L9	AR-1268-3	7.832	6.795	3067940	2722104	7.345	5.561
44) L9	AR-1268-4	8.158	7.087	33146546	54300576	190.866	255.674 #
45) L9	AR-1268-5	8.457	7.357	11310424	17335386	9.198	9.571

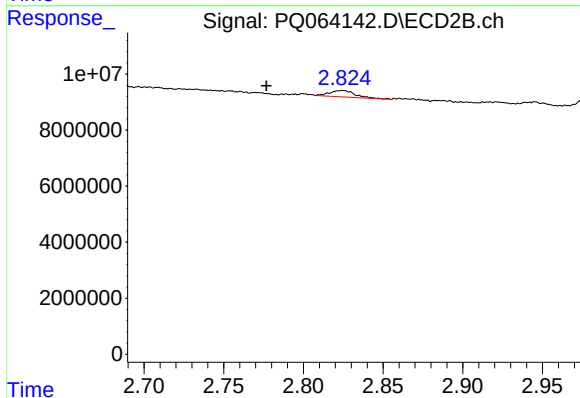
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

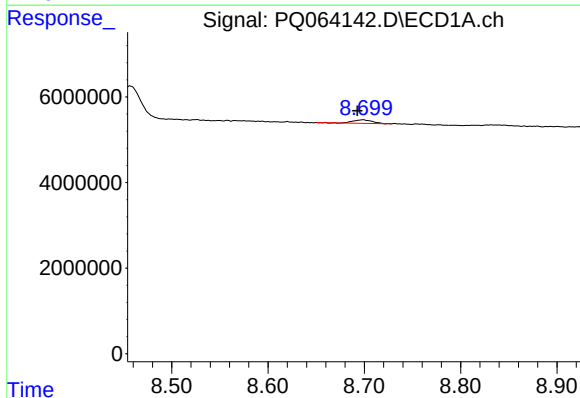
R.T.: 3.452 min
Delta R.T.: -0.008 min
Response: 2477751
Conc: 0.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



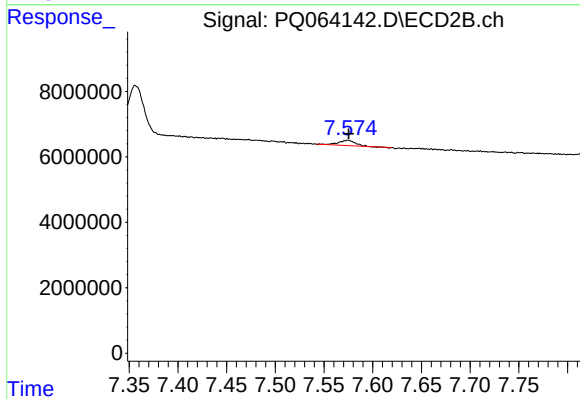
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.047 min
Response: 2451105
Conc: 0.55 ng/ml



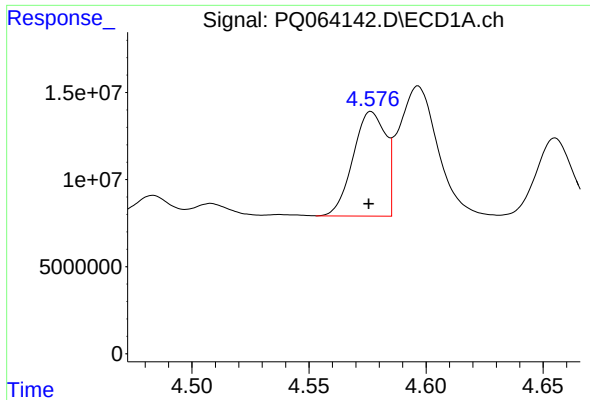
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.006 min
Response: 1158954
Conc: 0.35 ng/ml



#2 Decachlorobiphenyl

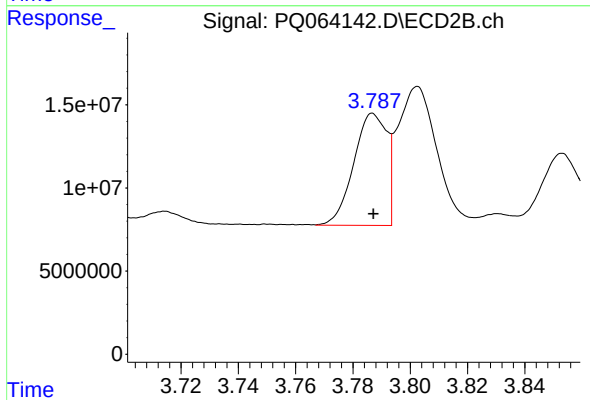
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 1859940
Conc: 0.35 ng/ml



#3 AR-1016-1

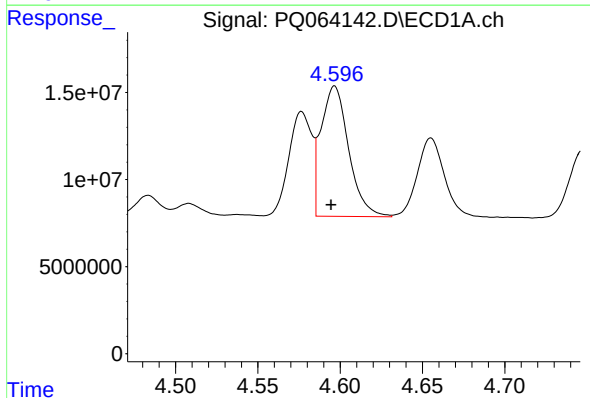
R.T.: 4.577 min
Delta R.T.: 0.001 min
Response: 58235040
Conc: 406.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



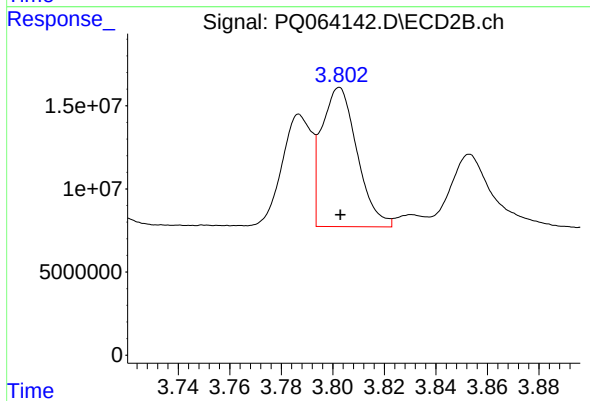
#3 AR-1016-1

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 53611101
Conc: 397.07 ng/ml



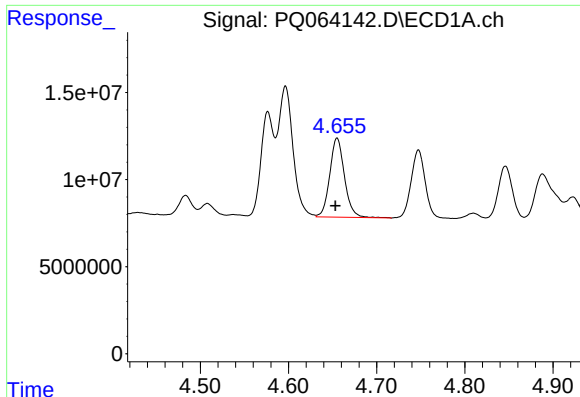
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.002 min
Response: 87576977
Conc: 399.80 ng/ml



#4 AR-1016-2

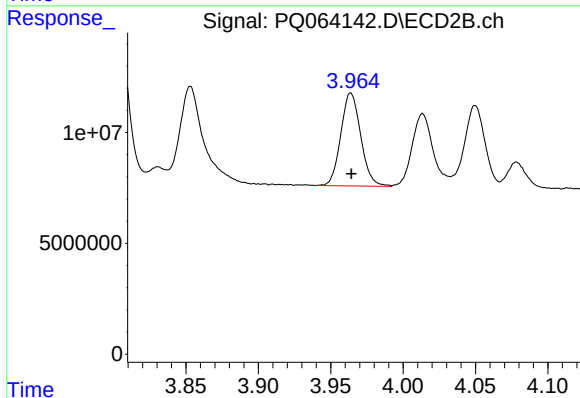
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 80061554
Conc: 406.87 ng/ml



#5 AR-1016-3

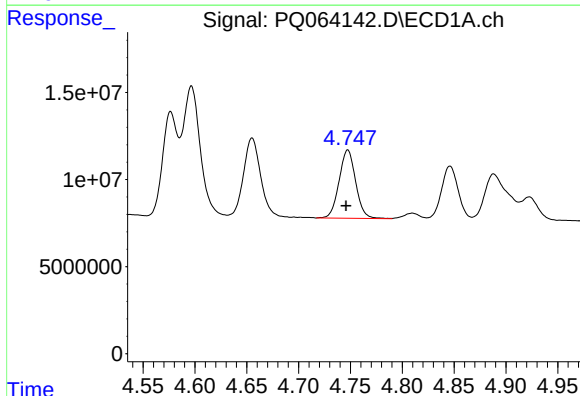
R.T.: 4.655 min
Delta R.T.: 0.002 min
Response: 52863906
Conc: 386.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



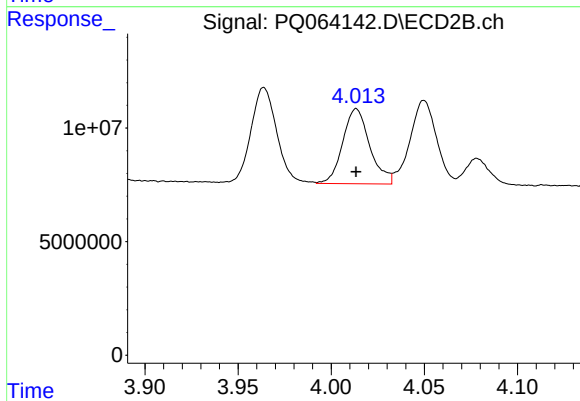
#5 AR-1016-3

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 40219989
Conc: 382.00 ng/ml



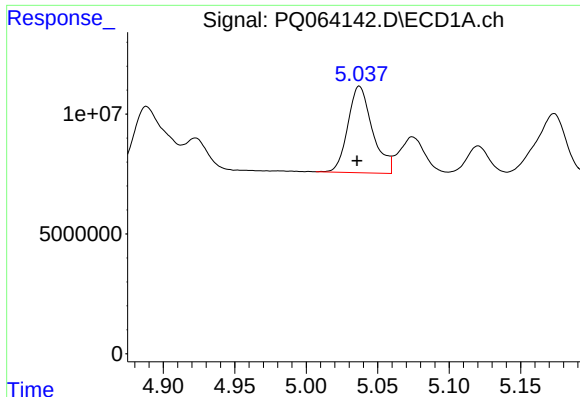
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: 0.002 min
Response: 43714558
Conc: 387.81 ng/ml



#6 AR-1016-4

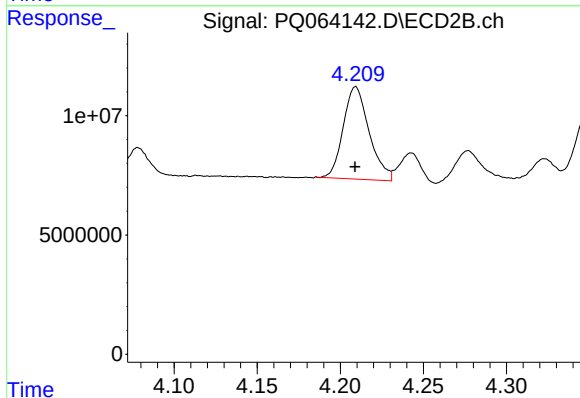
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 33410733
Conc: 376.28 ng/ml



#7 AR-1016-5

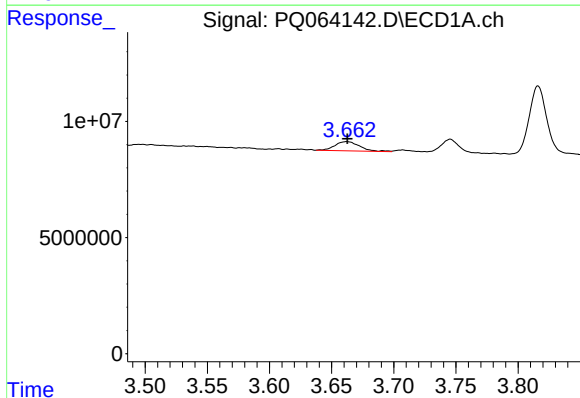
R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 43104307
Conc: 386.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



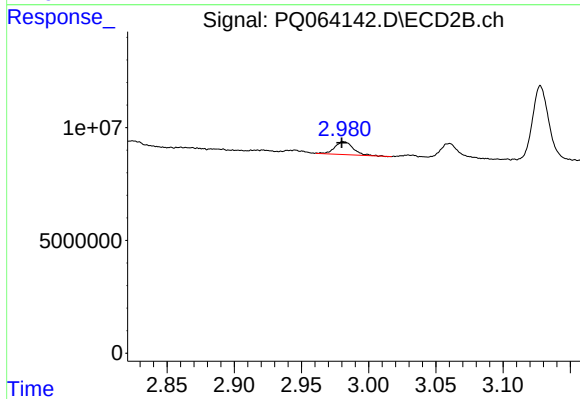
#7 AR-1016-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 41990379
Conc: 388.30 ng/ml



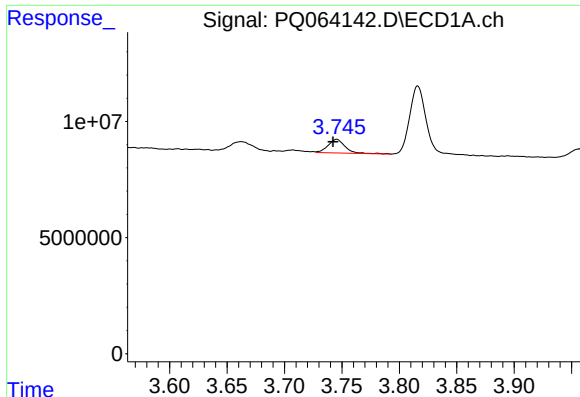
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: 0.000 min
Response: 5537442
Conc: 100.16 ng/ml



#8 AR-1221-1

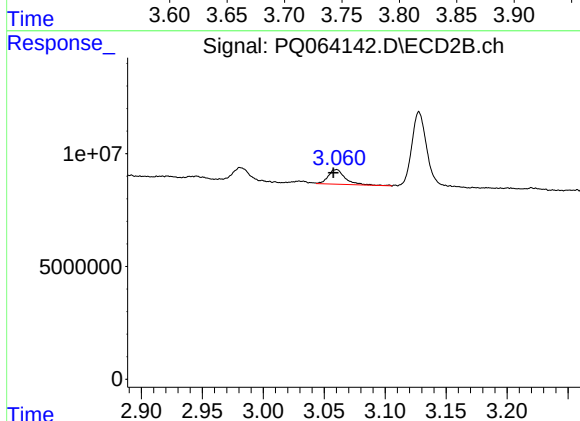
R.T.: 2.981 min
Delta R.T.: 0.001 min
Response: 5492931
Conc: 101.17 ng/ml



#9 AR-1221-2

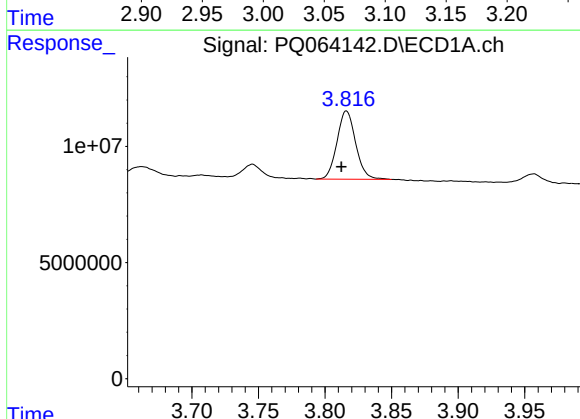
R.T.: 3.745 min
Delta R.T.: 0.003 min
Response: 6098823
Conc: 167.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



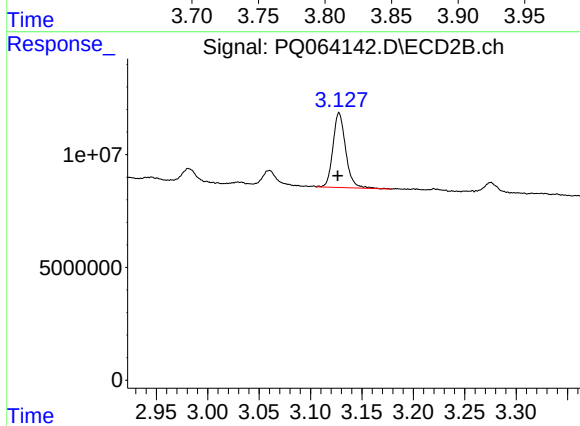
#9 AR-1221-2

R.T.: 3.060 min
Delta R.T.: 0.002 min
Response: 6035251
Conc: 162.50 ng/ml



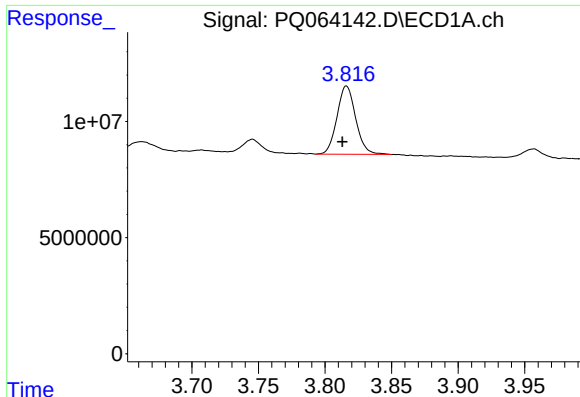
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.004 min
Response: 28705649
Conc: 232.72 ng/ml



#10 AR-1221-3

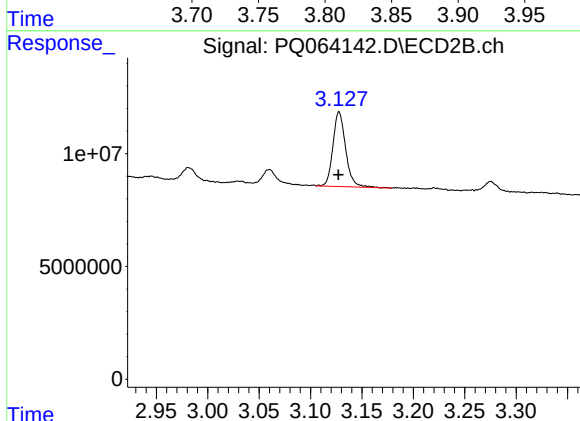
R.T.: 3.128 min
Delta R.T.: 0.001 min
Response: 28548819
Conc: 228.87 ng/ml



#11 AR-1232-1

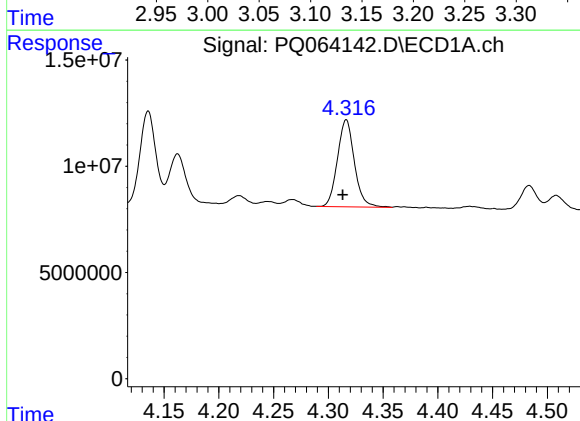
R.T.: 3.816 min
Delta R.T.: 0.003 min
Response: 28705649
Conc: 282.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



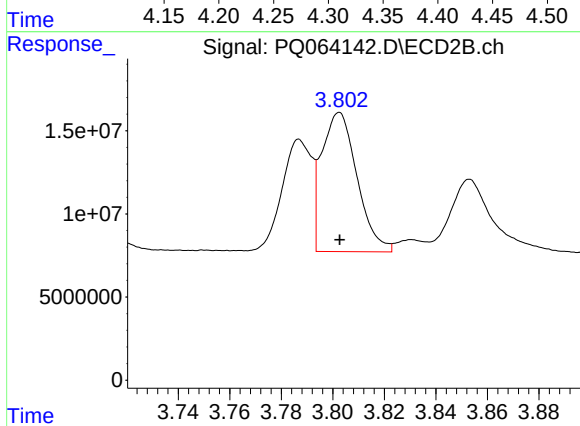
#11 AR-1232-1

R.T.: 3.128 min
Delta R.T.: 0.000 min
Response: 28548819
Conc: 274.24 ng/ml



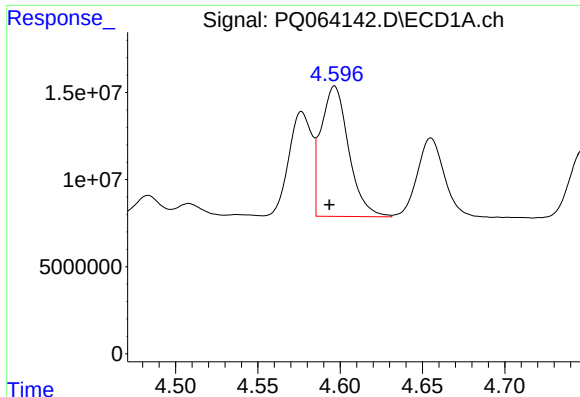
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.003 min
Response: 44210946
Conc: 872.57 ng/ml



#12 AR-1232-2

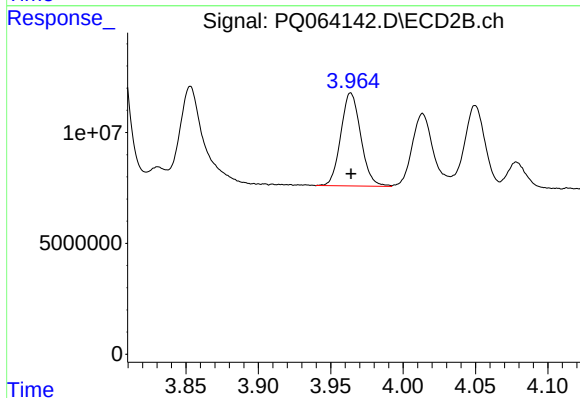
R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 80061554
Conc: 873.81 ng/ml



#13 AR-1232-3

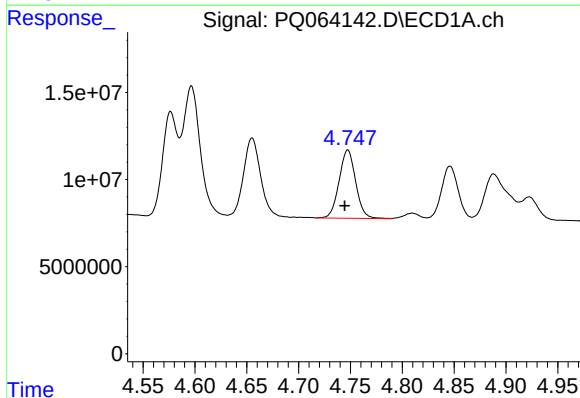
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 87576977
Conc: 901.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



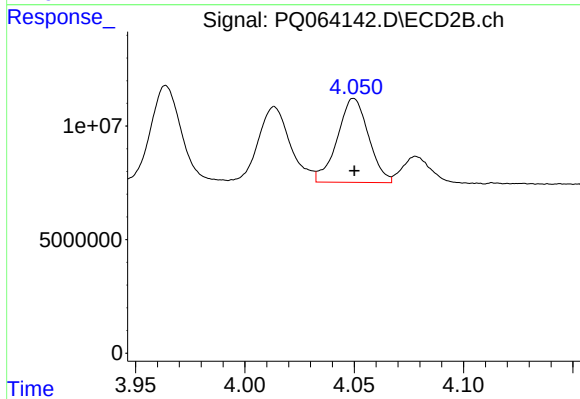
#13 AR-1232-3

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 40219989
Conc: 845.39 ng/ml



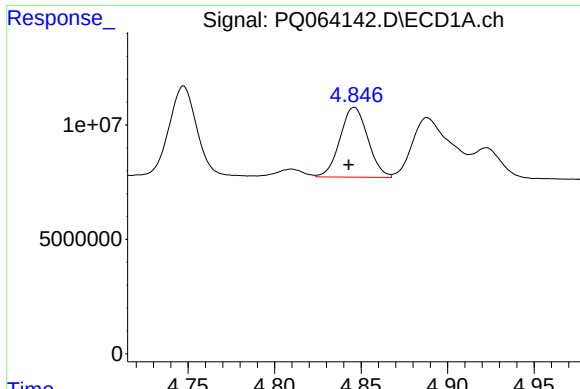
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: 0.003 min
Response: 43714558
Conc: 870.73 ng/ml



#14 AR-1232-4

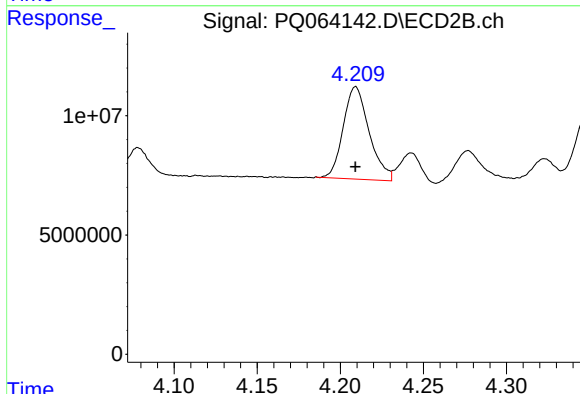
R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 36869967
Conc: 913.56 ng/ml



#15 AR-1232-5

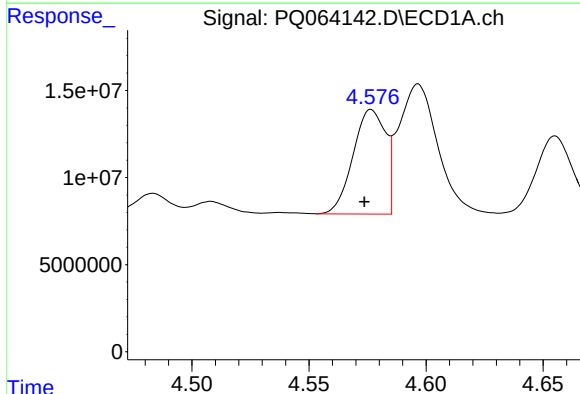
R.T.: 4.846 min
Delta R.T.: 0.003 min
Response: 33974130
Conc: 940.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



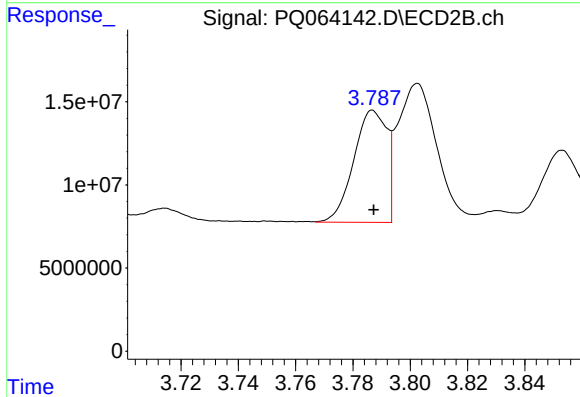
#15 AR-1232-5

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 41990379
Conc: 902.01 ng/ml



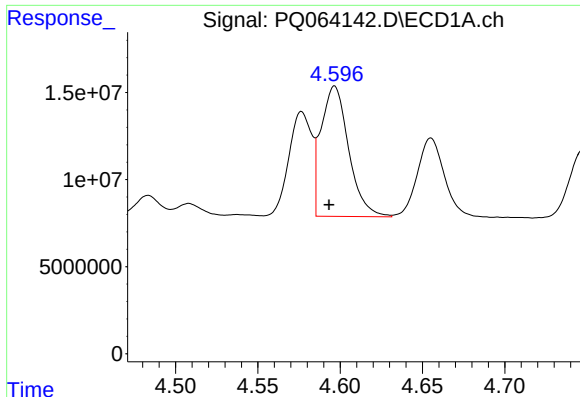
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 58235040
Conc: 485.48 ng/ml



#16 AR-1242-1

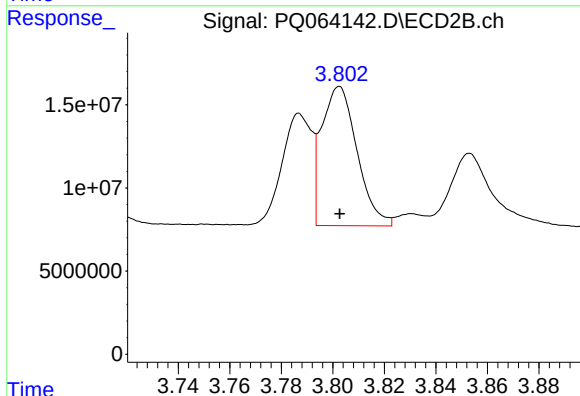
R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 53611101
Conc: 468.19 ng/ml



#17 AR-1242-2

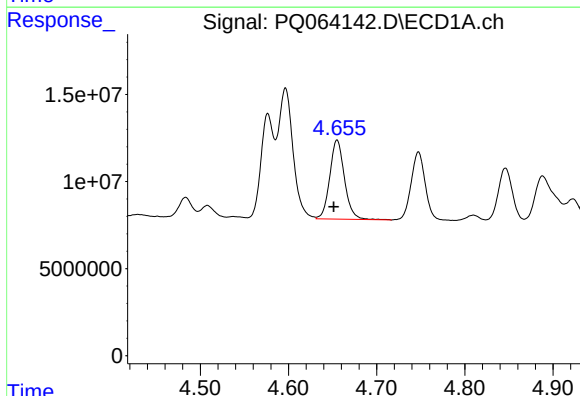
R.T.: 4.597 min
Delta R.T.: 0.003 min
Response: 87576977
Conc: 486.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



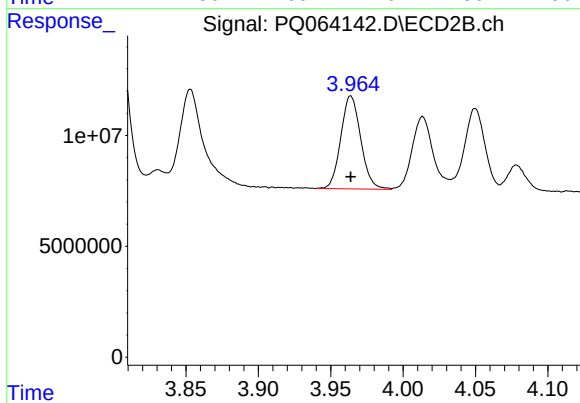
#17 AR-1242-2

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 80061554
Conc: 481.28 ng/ml



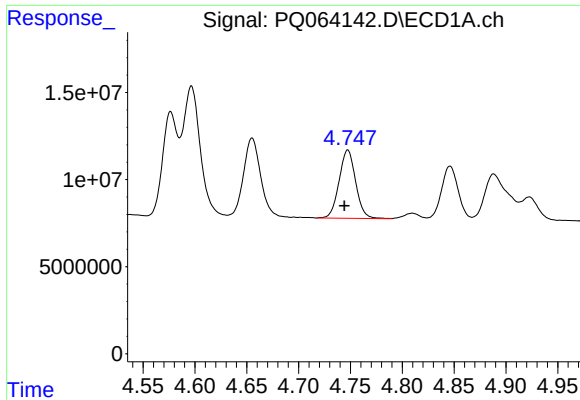
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.004 min
Response: 52863906
Conc: 471.08 ng/ml



#18 AR-1242-3

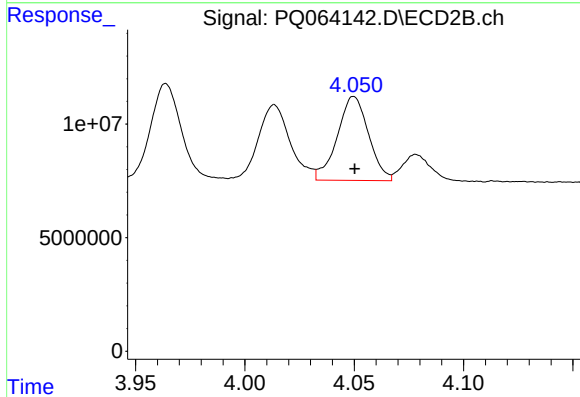
R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 40219989
Conc: 456.12 ng/ml



#19 AR-1242-4

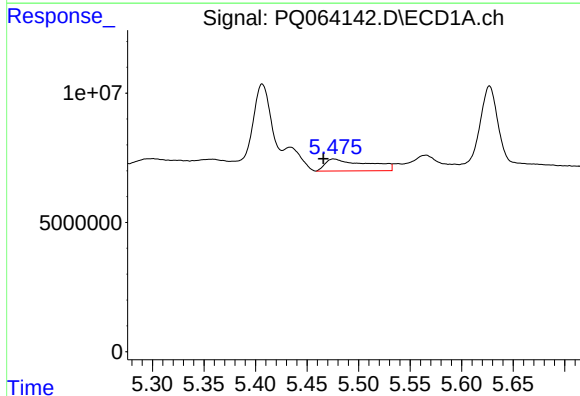
R.T.: 4.747 min
Delta R.T.: 0.003 min
Response: 43714558
Conc: 474.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



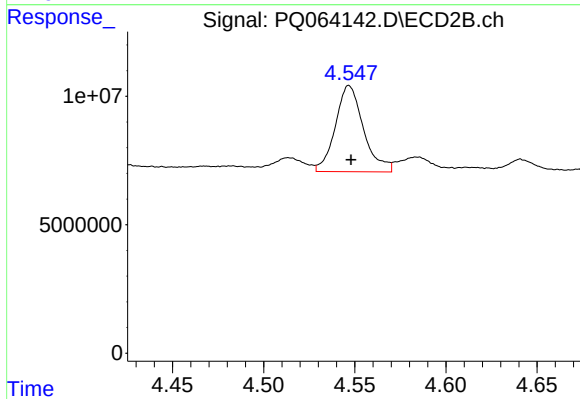
#19 AR-1242-4

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 36869967
Conc: 448.18 ng/ml



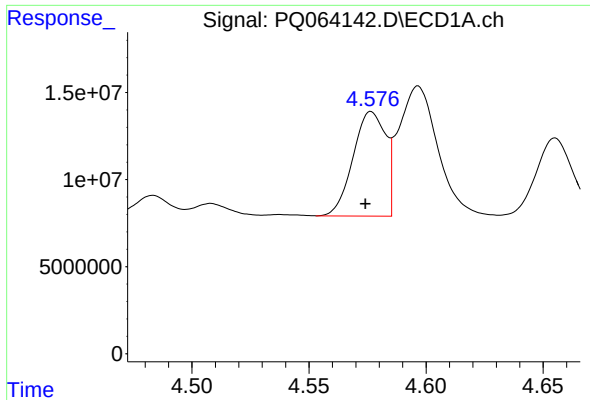
#20 AR-1242-5

R.T.: 5.476 min
Delta R.T.: 0.010 min
Response: 13195145
Conc: 138.05 ng/ml



#20 AR-1242-5

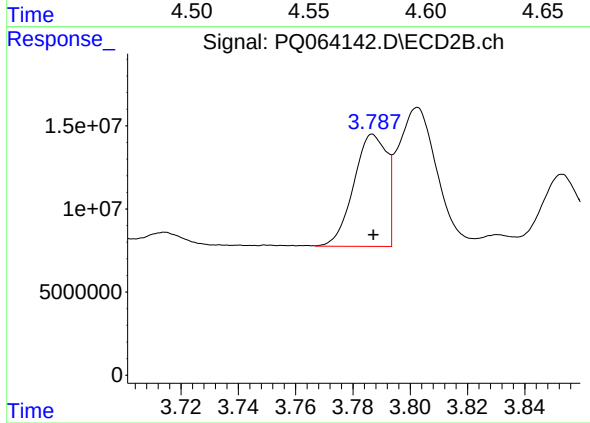
R.T.: 4.547 min
Delta R.T.: -0.001 min
Response: 36087496
Conc: 339.36 ng/ml



#21 AR-1248-1

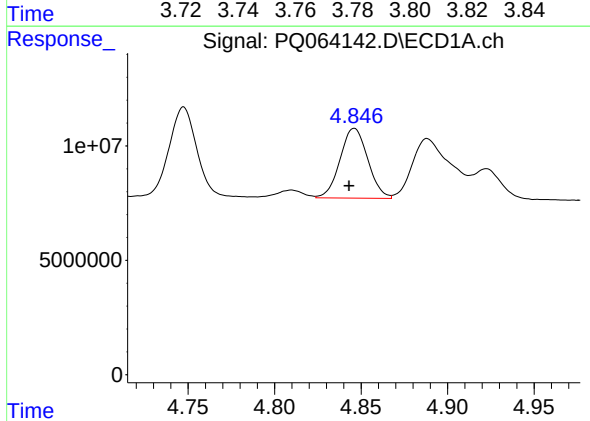
R.T.: 4.577 min
Delta R.T.: 0.003 min
Response: 58235040
Conc: 627.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



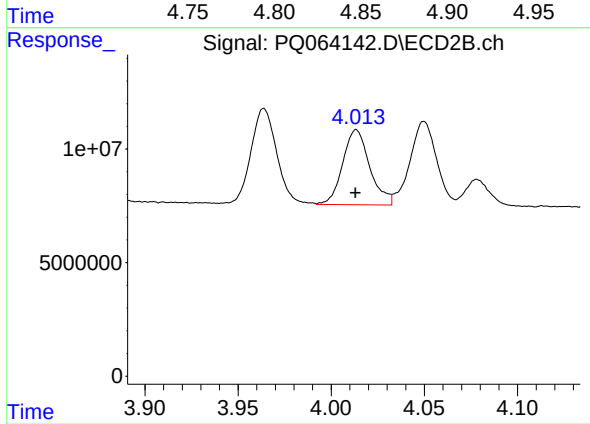
#21 AR-1248-1

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 53611101
Conc: 600.46 ng/ml



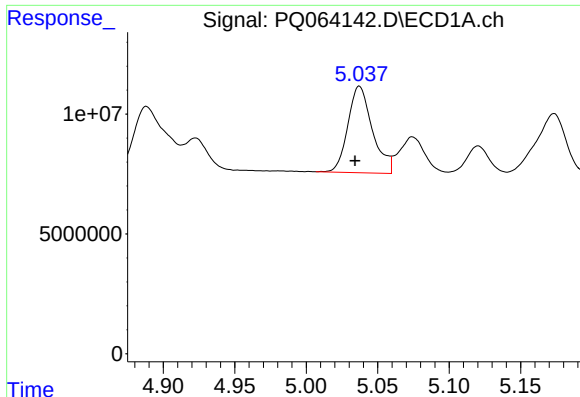
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.003 min
Response: 33974130
Conc: 256.98 ng/ml



#22 AR-1248-2

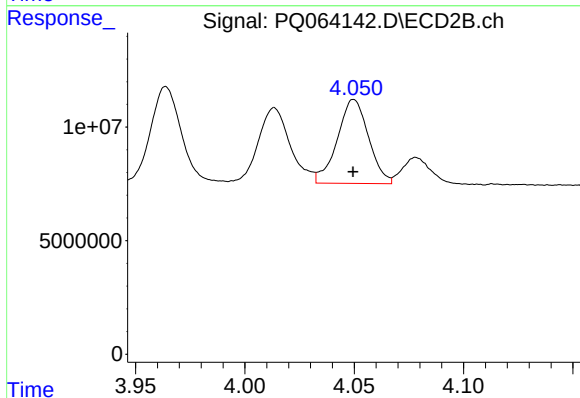
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 33410733
Conc: 255.97 ng/ml



#23 AR-1248-3

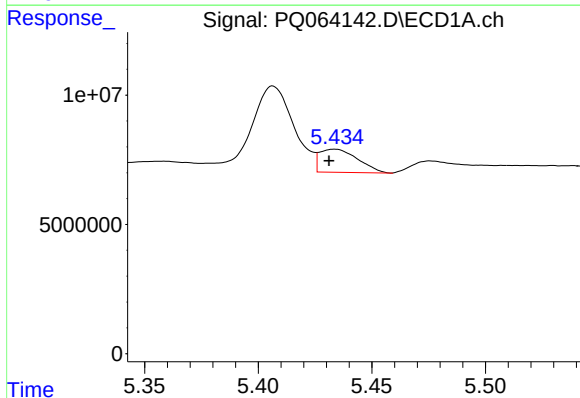
R.T.: 5.037 min
Delta R.T.: 0.003 min
Response: 43104307
Conc: 274.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



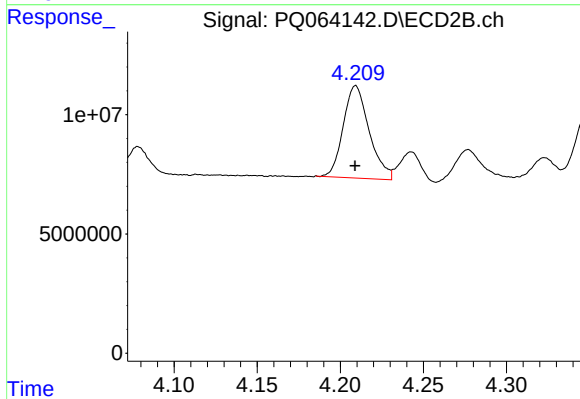
#23 AR-1248-3

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 36869967
Conc: 296.43 ng/ml



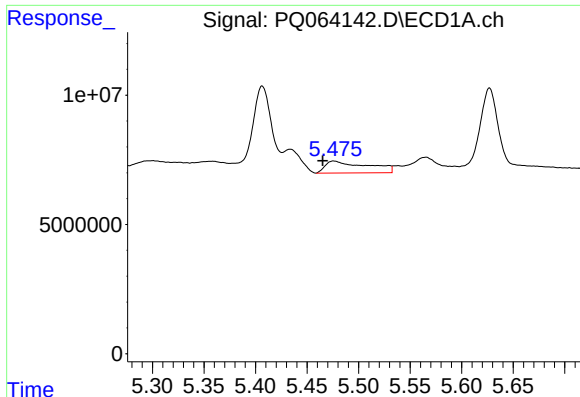
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: 0.002 min
Response: 10399326
Conc: 60.58 ng/ml



#24 AR-1248-4

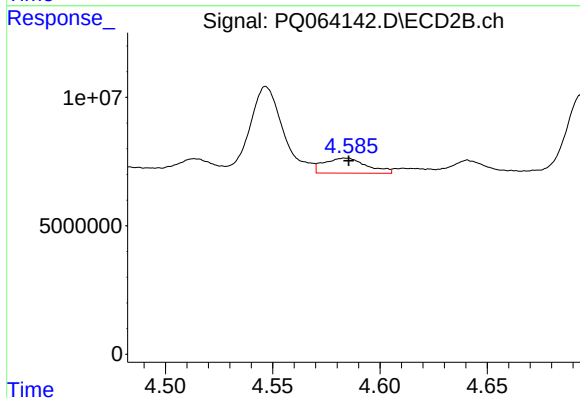
R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 41990379
Conc: 277.44 ng/ml



#25 AR-1248-5

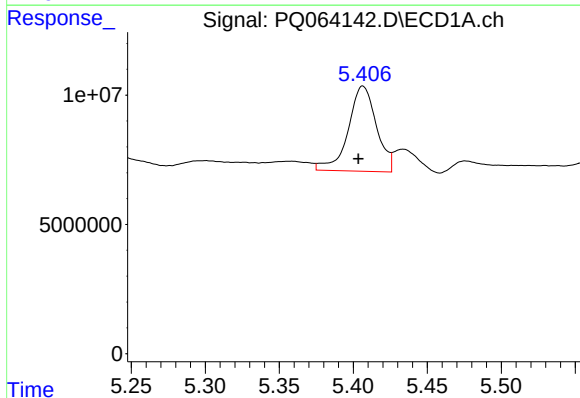
R.T.: 5.476 min
Delta R.T.: 0.011 min
Response: 13195145
Conc: 78.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



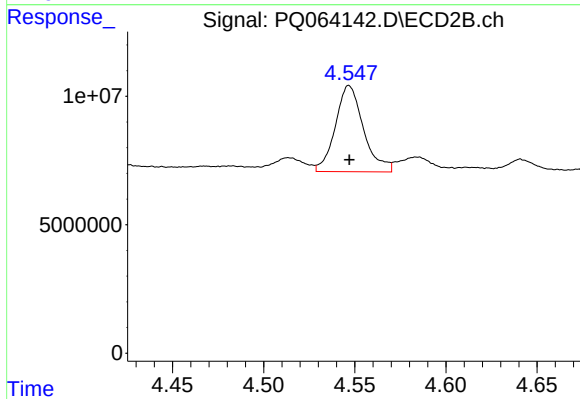
#25 AR-1248-5

R.T.: 4.584 min
Delta R.T.: -0.001 min
Response: 8150077
Conc: 55.07 ng/ml



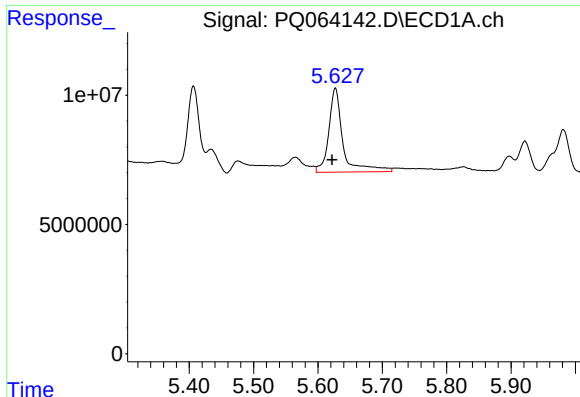
#26 AR-1254-1

R.T.: 5.407 min
Delta R.T.: 0.003 min
Response: 43756072
Conc: 252.14 ng/ml



#26 AR-1254-1

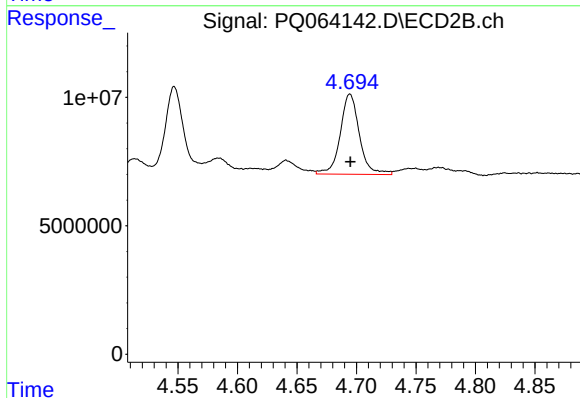
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 36087496
Conc: 164.91 ng/ml



#27 AR-1254-2

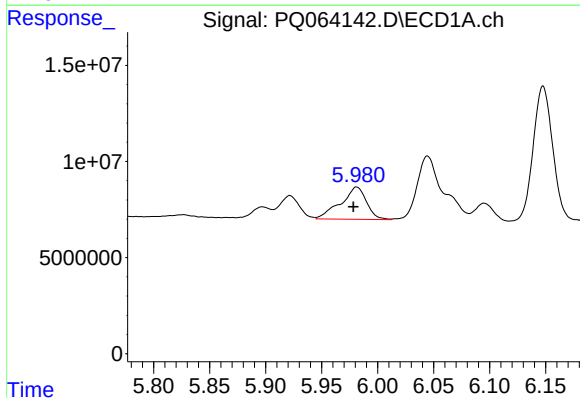
R.T.: 5.627 min
Delta R.T.: 0.005 min
Response: 49969225
Conc: 185.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



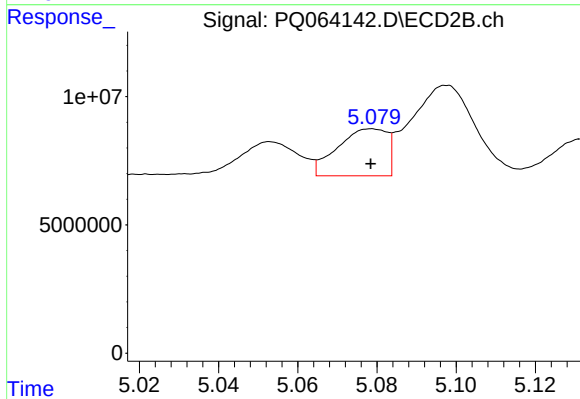
#27 AR-1254-2

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 35055499
Conc: 183.98 ng/ml



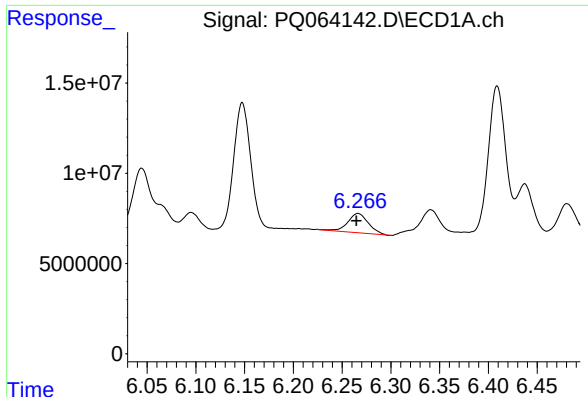
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: 0.003 min
Response: 26974816
Conc: 98.15 ng/ml



#28 AR-1254-3

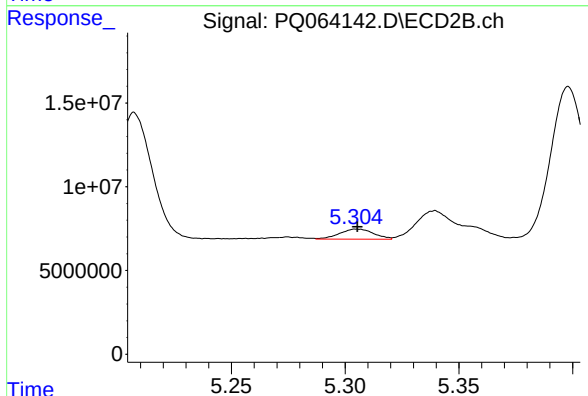
R.T.: 5.079 min
Delta R.T.: 0.000 min
Response: 15909663
Conc: 53.56 ng/ml



#29 AR-1254-4

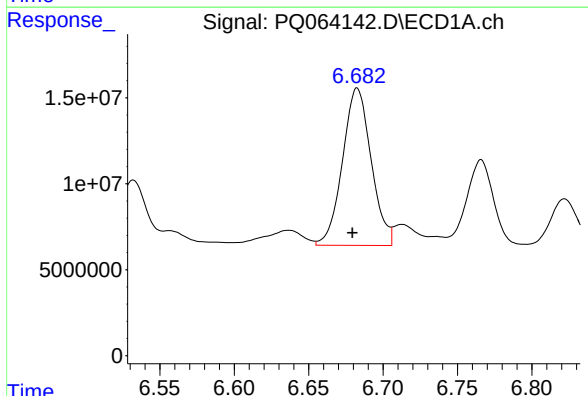
R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 15777834
Conc: 79.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



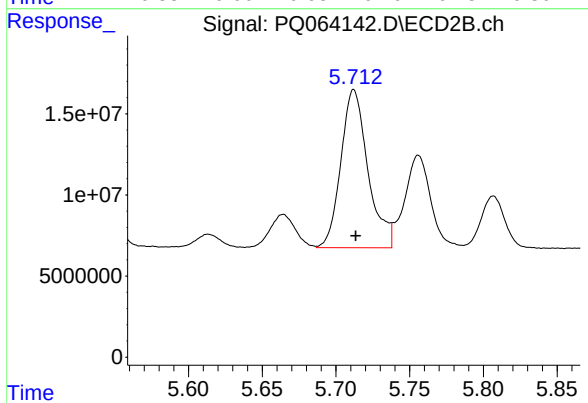
#29 AR-1254-4

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 6240593
Conc: 33.06 ng/ml



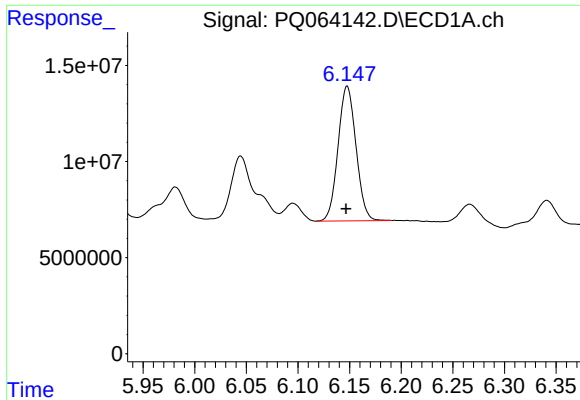
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: 0.003 min
Response: 122539971
Conc: 560.04 ng/ml



#30 AR-1254-5

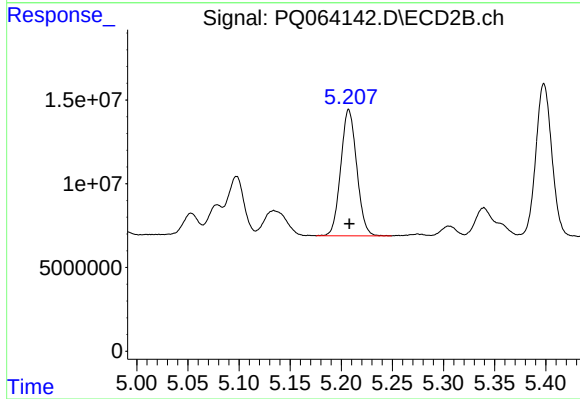
R.T.: 5.712 min
Delta R.T.: -0.001 min
Response: 124660215
Conc: 458.23 ng/ml



#31 AR-1260-1

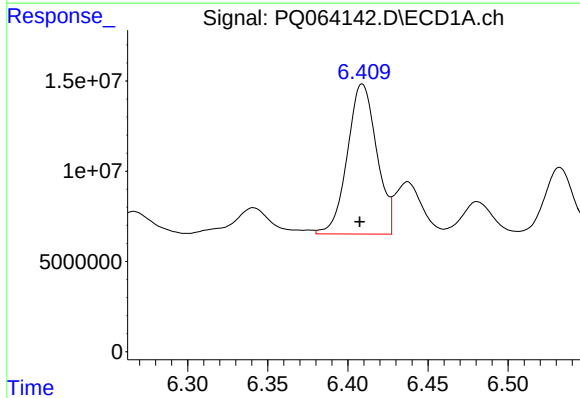
R.T.: 6.148 min
Delta R.T.: 0.001 min
Response: 84697172
Conc: 387.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



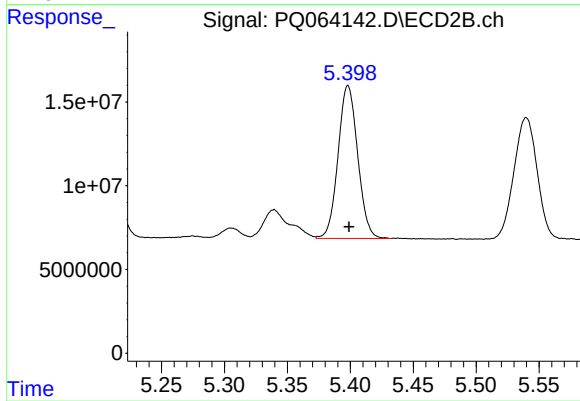
#31 AR-1260-1

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 82145347
Conc: 390.91 ng/ml



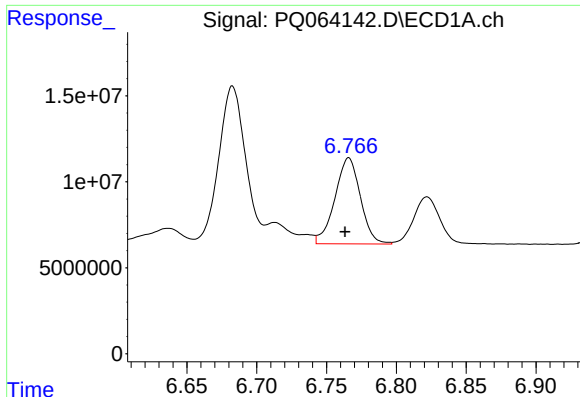
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.002 min
Response: 106030137
Conc: 407.17 ng/ml



#32 AR-1260-2

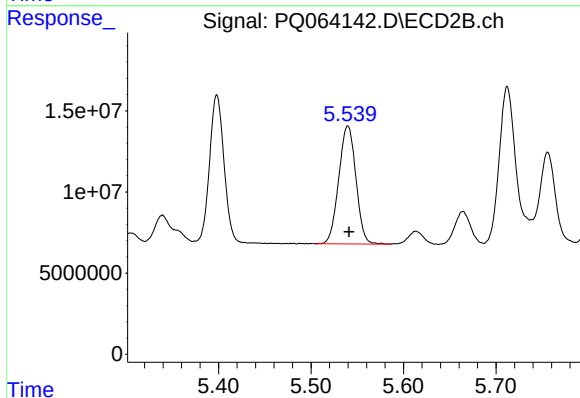
R.T.: 5.398 min
Delta R.T.: 0.000 min
Response: 99121230
Conc: 398.00 ng/ml



#33 AR-1260-3

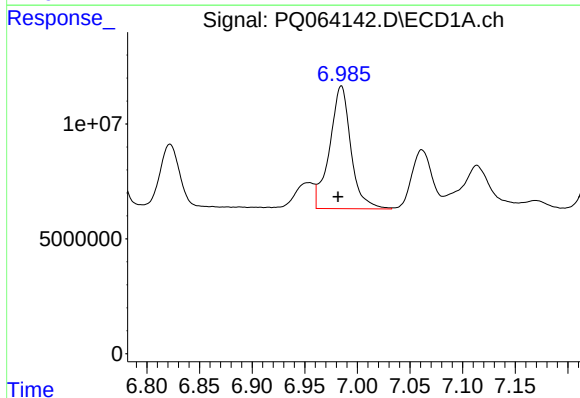
R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 63669903
Conc: 331.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



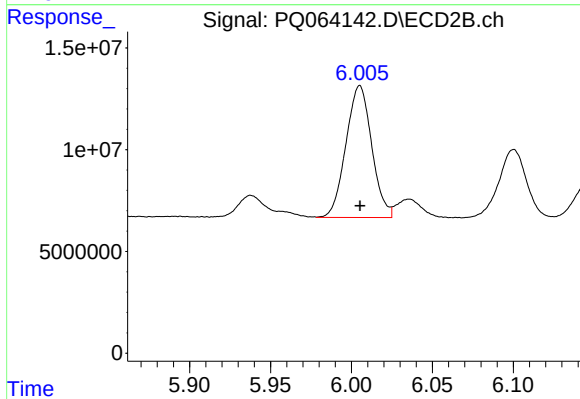
#33 AR-1260-3

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 93824938
Conc: 395.14 ng/ml



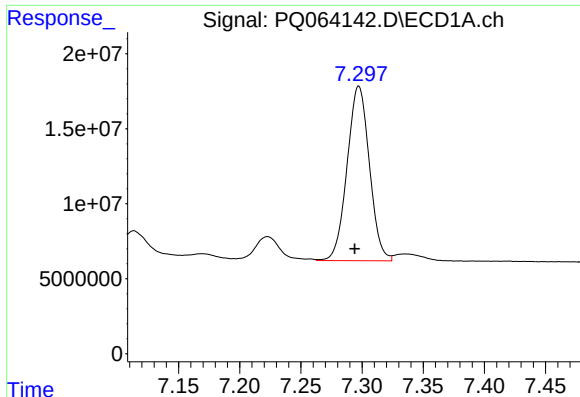
#34 AR-1260-4

R.T.: 6.985 min
Delta R.T.: 0.003 min
Response: 75161864
Conc: 349.96 ng/ml



#34 AR-1260-4

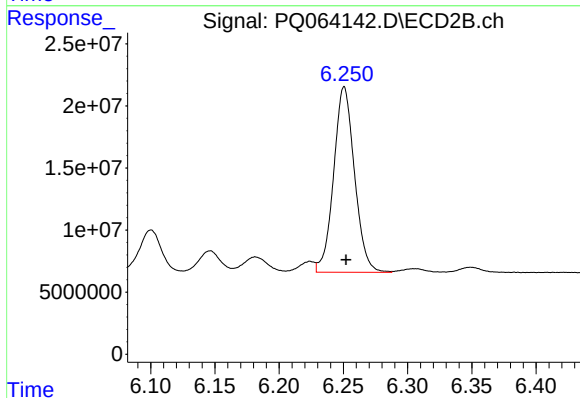
R.T.: 6.005 min
Delta R.T.: 0.000 min
Response: 71883198
Conc: 355.32 ng/ml



#35 AR-1260-5

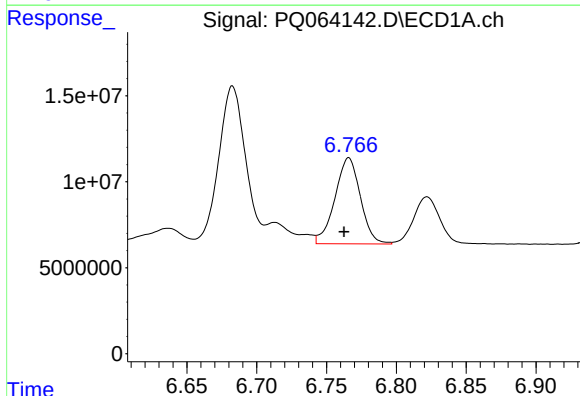
R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 147666547
Conc: 364.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



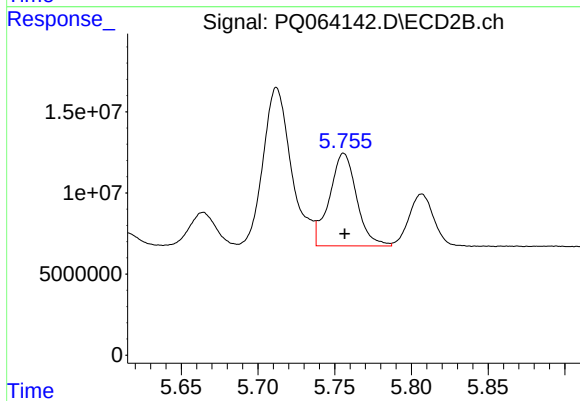
#35 AR-1260-5

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 168812096
Conc: 361.51 ng/ml



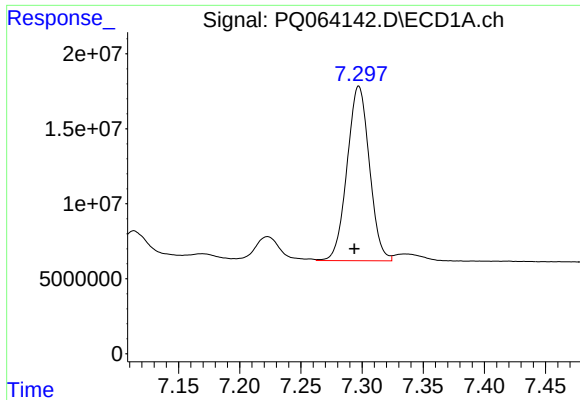
#36 AR-1262-1

R.T.: 6.766 min
Delta R.T.: 0.003 min
Response: 63669903
Conc: 225.24 ng/ml



#36 AR-1262-1

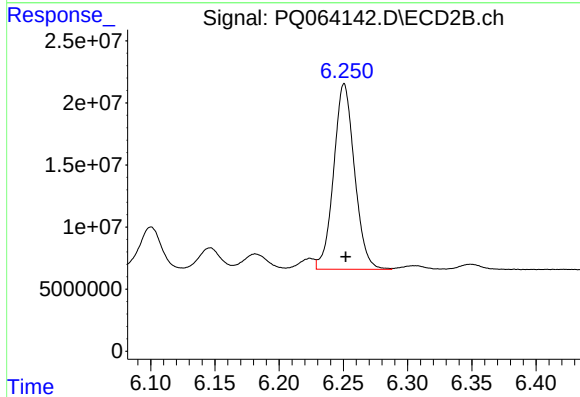
R.T.: 5.756 min
Delta R.T.: 0.000 min
Response: 70601607
Conc: 243.63 ng/ml



#37 AR-1262-2

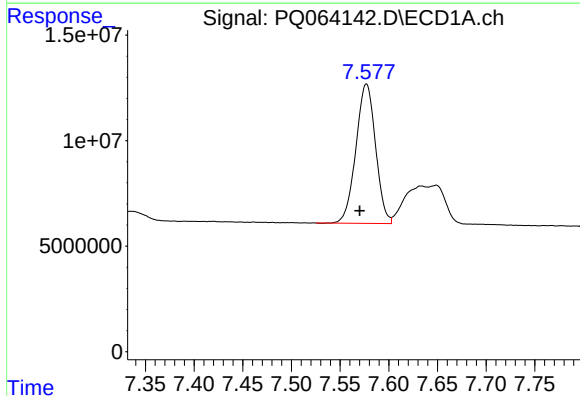
R.T.: 7.297 min
Delta R.T.: 0.003 min
Response: 147666547
Conc: 321.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



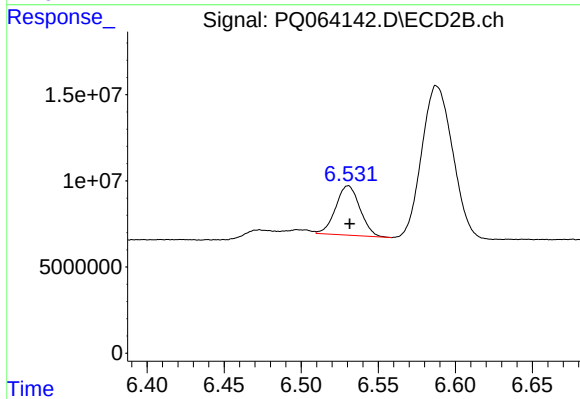
#37 AR-1262-2

R.T.: 6.251 min
Delta R.T.: -0.001 min
Response: 168812096
Conc: 322.84 ng/ml



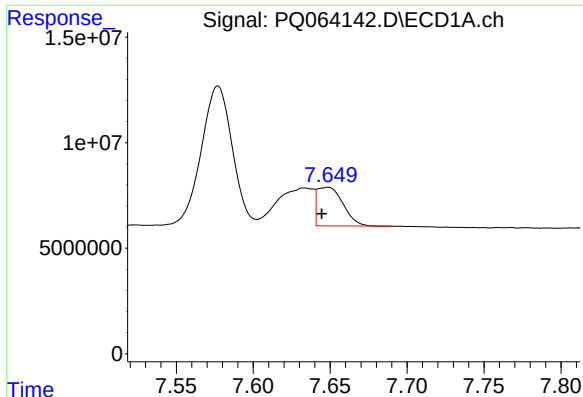
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.007 min
Response: 92660747
Conc: 299.34 ng/ml



#38 AR-1262-3

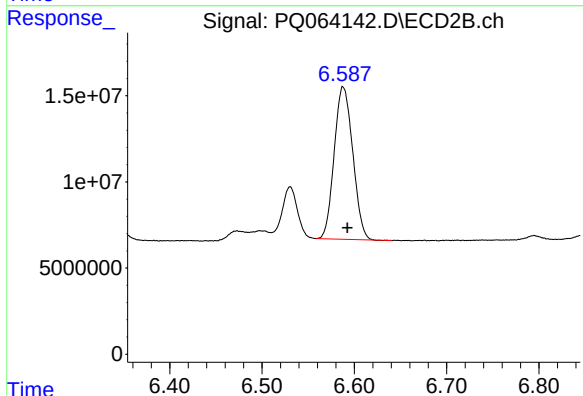
R.T.: 6.530 min
Delta R.T.: -0.001 min
Response: 31371954
Conc: 145.96 ng/ml



#39 AR-1262-4

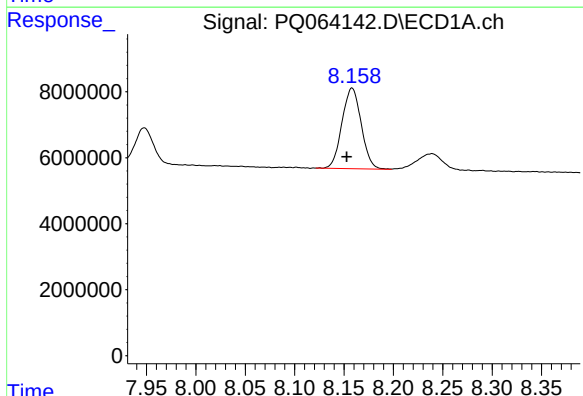
R.T.: 7.649 min
Delta R.T.: 0.004 min
Response: 21285846
Conc: 89.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



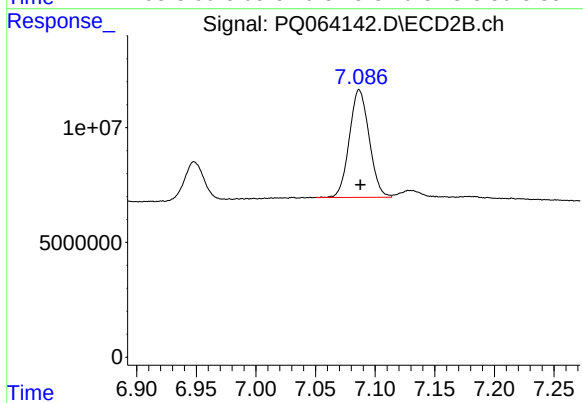
#39 AR-1262-4

R.T.: 6.588 min
Delta R.T.: -0.005 min
Response: 123235427
Conc: 309.27 ng/ml



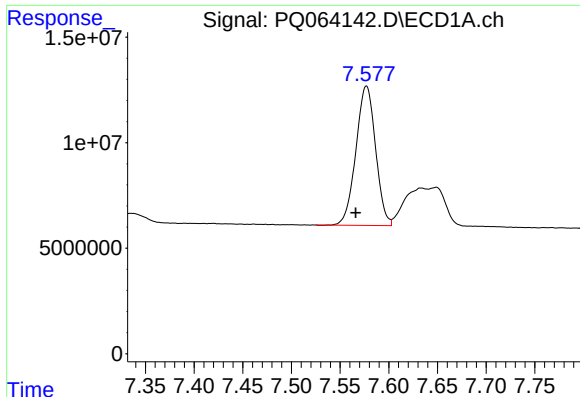
#40 AR-1262-5

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 33146546
Conc: 211.09 ng/ml



#40 AR-1262-5

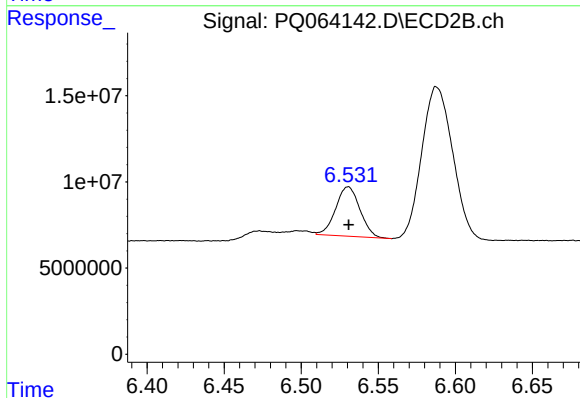
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 54300576
Conc: 271.09 ng/ml



#41 AR-1268-1

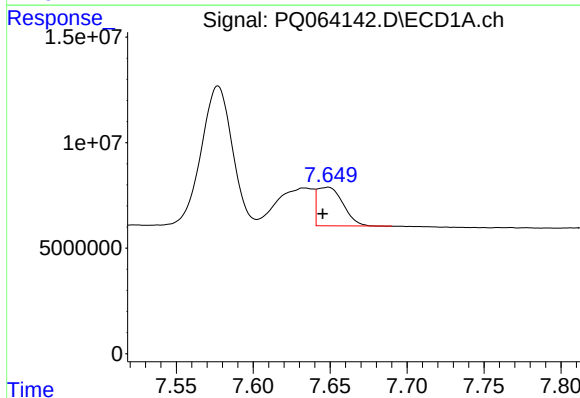
R.T.: 7.577 min
Delta R.T.: 0.011 min
Response: 92660747
Conc: 173.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



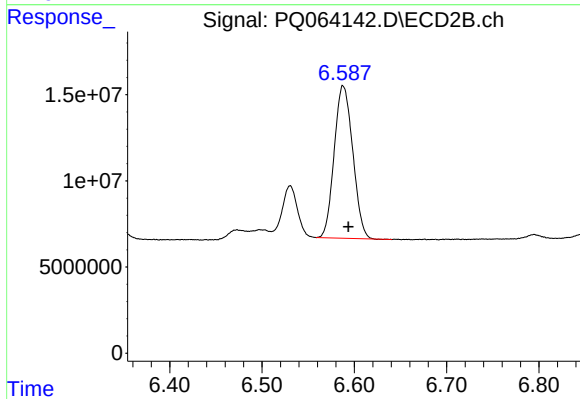
#41 AR-1268-1

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 31371954
Conc: 51.15 ng/ml



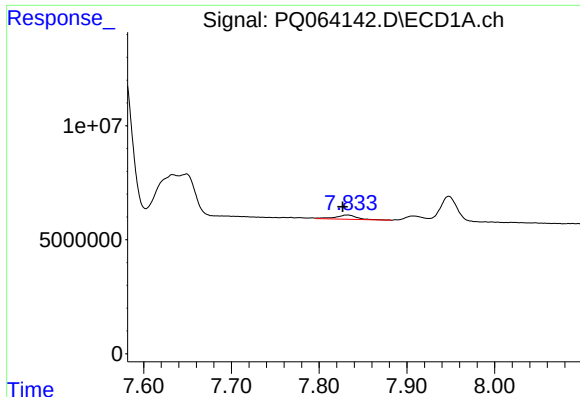
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: 0.003 min
Response: 21285846
Conc: 43.95 ng/ml



#42 AR-1268-2

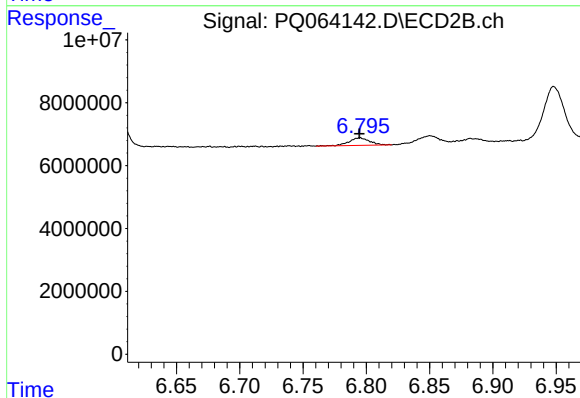
R.T.: 6.588 min
Delta R.T.: -0.006 min
Response: 123235427
Conc: 221.29 ng/ml



#43 AR-1268-3

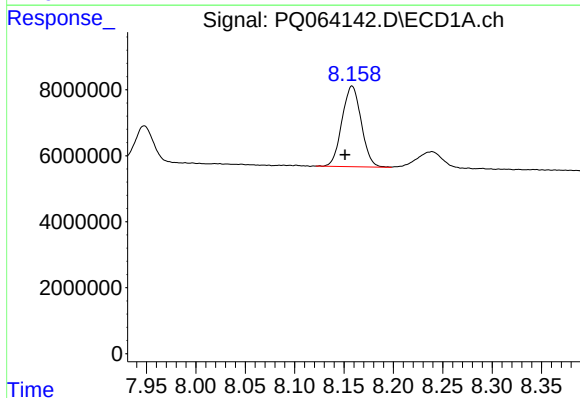
R.T.: 7.832 min
Delta R.T.: 0.005 min
Response: 3067940
Conc: 7.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



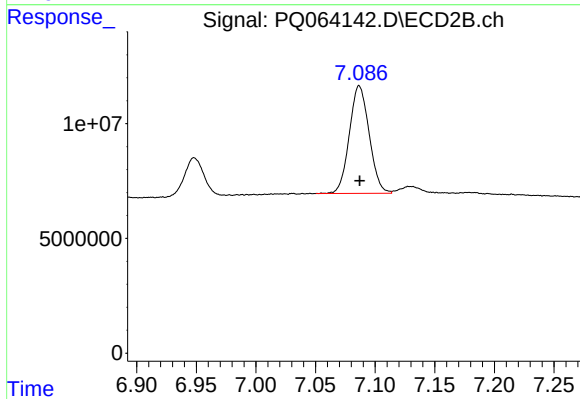
#43 AR-1268-3

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 2722104
Conc: 5.56 ng/ml



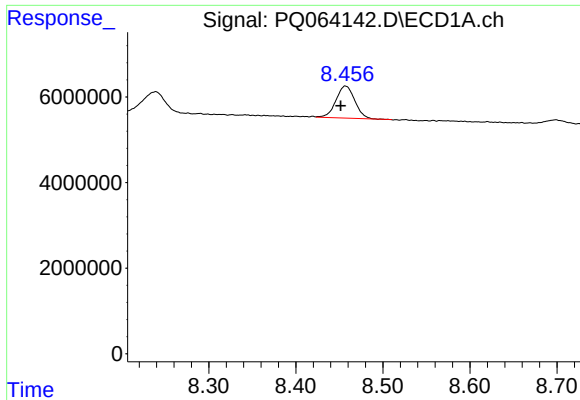
#44 AR-1268-4

R.T.: 8.158 min
Delta R.T.: 0.007 min
Response: 33146546
Conc: 190.87 ng/ml



#44 AR-1268-4

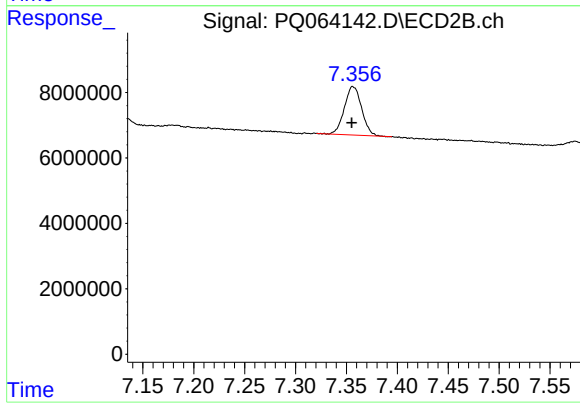
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 54300576
Conc: 255.67 ng/ml



#45 AR-1268-5

R.T.: 8.457 min
Delta R.T.: 0.006 min
Response: 11310424
Conc: 9.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.357 min
Delta R.T.: 0.001 min
Response: 17335386
Conc: 9.57 ng/ml