

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
 Data File : PQ064603.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 18:01
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 18:14:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 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...	3.456	2.772	192.0E6	233.5E6	46.287	55.614
2)	SA Decachlor...	8.691	7.568	142.7E6	213.7E6	48.667	52.940
Target Compounds							
3)	L1 AR-1016-1	4.571	3.782	48563349	55124532	381.167	453.551
4)	L1 AR-1016-2	4.590	3.797	73890153	82100042	384.964	447.887
5)	L1 AR-1016-3	4.649	3.958	46096982	45147229	388.499	463.969
6)	L1 AR-1016-4	4.742	4.008	35815463	37420128	385.603	448.077
7)	L1 AR-1016-5	5.032	4.204	38095256	46049644	391.015	454.860
8)	L2 AR-1221-1	3.656	2.975	5824513	7147647	114.716	126.224
9)	L2 AR-1221-2	3.739	3.052	7921992	10295006	216.219	244.393
10)	L2 AR-1221-3	3.810	3.122	28746832	37576637	254.203	295.074
11)	L3 AR-1232-1	3.810	3.122	28746832	37576637	333.085	390.108
12)	L3 AR-1232-2	4.310	3.797	40108806	82100042	822.196	982.157
13)	L3 AR-1232-3	4.590	3.958	73890153	45147229	865.604	1014.035
14)	L3 AR-1232-4	4.742	4.045	35815463	42055352	869.358	1100.865 #
15)	L3 AR-1232-5	4.840	4.204	29523194	46049644	965.580	1082.041
16)	L4 AR-1242-1	4.571	3.782	48563349	55124532	468.580	531.232
17)	L4 AR-1242-2	4.590	3.797	73890153	82100042	476.285	531.423
18)	L4 AR-1242-3	4.649	3.958	46096982	45147229	475.920	550.507
19)	L4 AR-1242-4	4.742	4.045	35815463	42055352	471.124	538.984
20)	L4 AR-1242-5	5.464	4.543	37790451	50544838	455.224	524.138
21)	L5 AR-1248-1	4.571	3.782	48563349	55124532	623.599	681.300
22)	L5 AR-1248-2	4.840	4.008	29523194	37420128	264.547	305.254
23)	L5 AR-1248-3	5.032	4.045	38095256	42055352	286.249	360.402 #
24)	L5 AR-1248-4	5.429	4.204	36653991	46049644	256.100	328.495 #
25)	L5 AR-1248-5	5.464	4.580	37790451	42740407	269.513	321.188
26)	L6 AR-1254-1	5.400	4.543	28258842	50544838	184.496	241.397 #
27)	L6 AR-1254-2	5.617	4.689	32875397	13852298	140.788	74.885 #
28)	L6 AR-1254-3	5.976	5.073	15238679	16773495	61.998	59.289
29)	L6 AR-1254-4	6.262	5.301	10530685	13284693	60.608	71.559
30)	L6 AR-1254-5	6.679	5.708	2646070	4301037	13.710	16.565
31)	L7 AR-1260-1	6.144	5.206	1821489	7455206	9.726	38.550 #
32)	L7 AR-1260-2	6.403	5.393	1603843	1980091	7.398	8.508
33)	L7 AR-1260-3	0.000	5.531	0	2141957	N.D.	9.854 #
34)	L7 AR-1260-4	6.957	6.029f	836114	2706822	4.874	14.695 #
35)	L7 AR-1260-5	7.294	6.245	190739	427743	0.565	0.986 #
36)	L8 AR-1262-1	0.000	5.802	0	173286	N.D.	1.521 #
37)	L8 AR-1262-2	7.294	6.029f	190739	2706822	0.476	10.626 #
38)	L8 AR-1262-3	7.569	6.537	484196	550473	1.790	2.444 #
39)	L8 AR-1262-4	7.657	6.581	398388	866975	1.888	2.003
41)	L9 AR-1268-1	7.569	6.537	484196	550473	1.012	0.836
42)	L9 AR-1268-2	7.657	6.581	398388	866975	0.916	1.396 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 09 05:18:21 2023
 Response via : Initial Calibration
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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
43) L9	AR-1268-3	7.825	6.791	761231	1936320	2.014	3.025 #
45) L9	AR-1268-5	8.448	7.351	818567	1461300	0.753	0.774

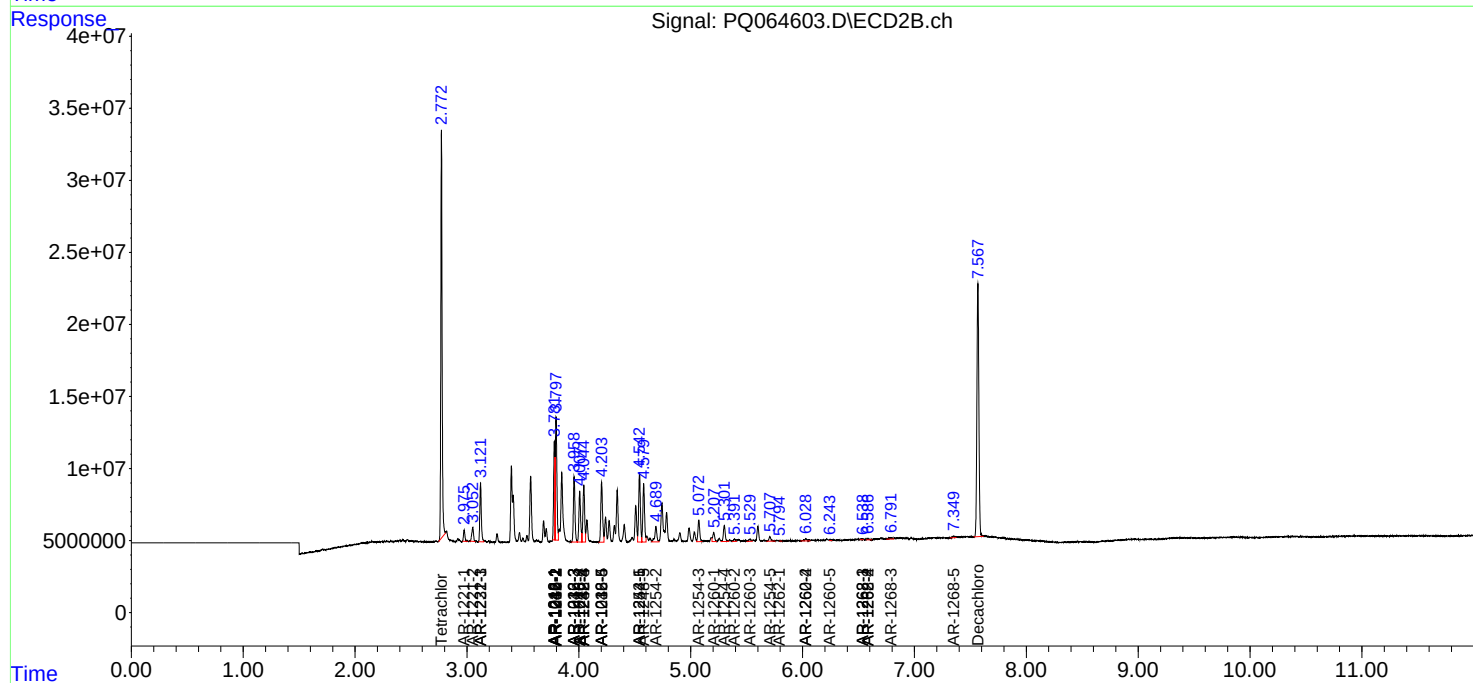
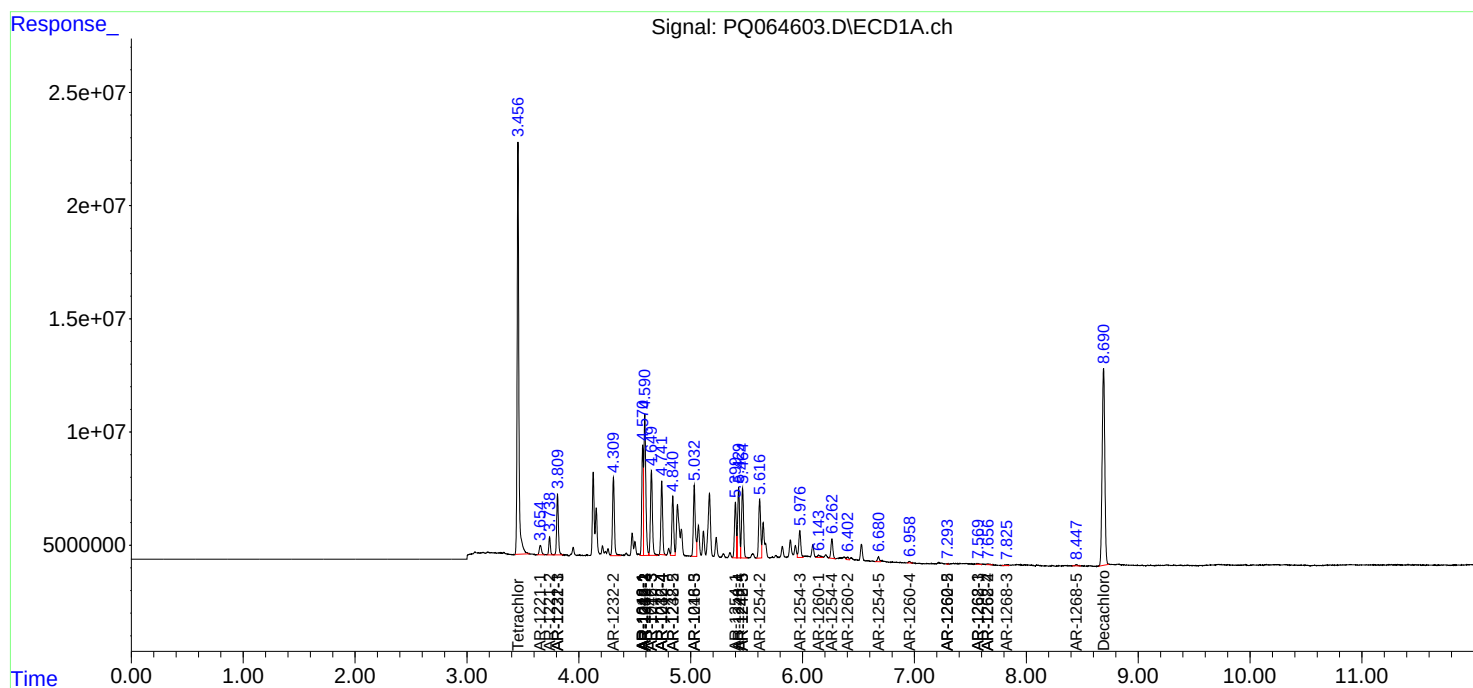
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

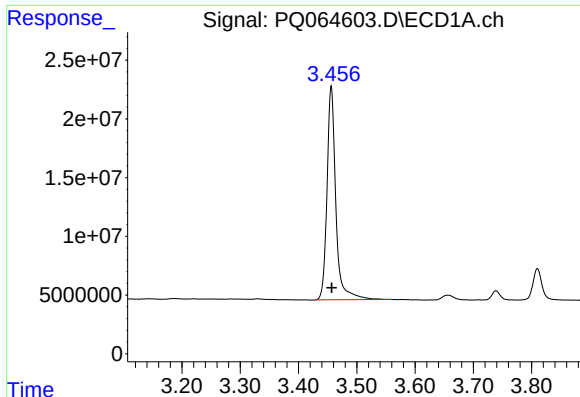
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121923\
Data File : PQ064603.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

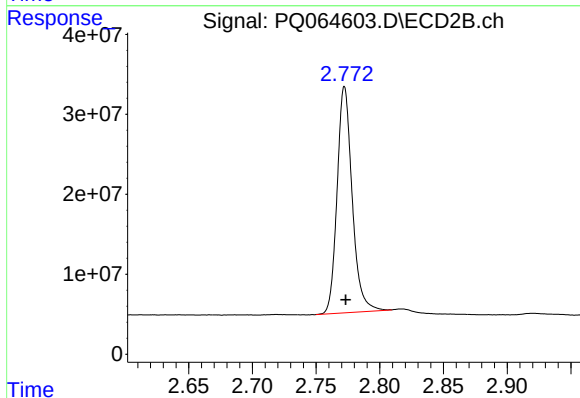




#1 Tetrachloro-m-xylene

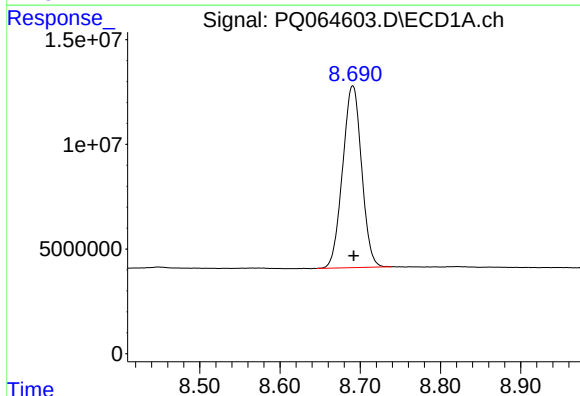
R.T.: 3.456 min
Delta R.T.: 0.000 min
Response: 192027036
Conc: 46.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



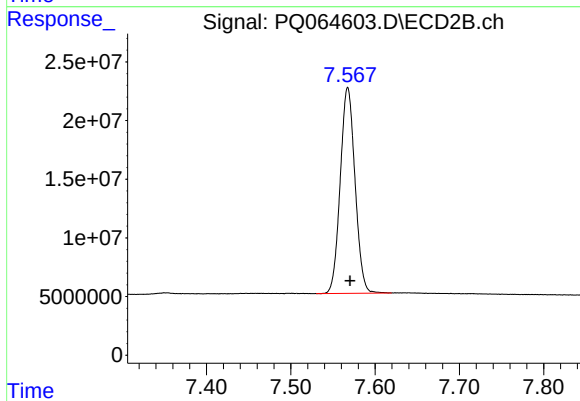
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 233491383
Conc: 55.61 ng/ml



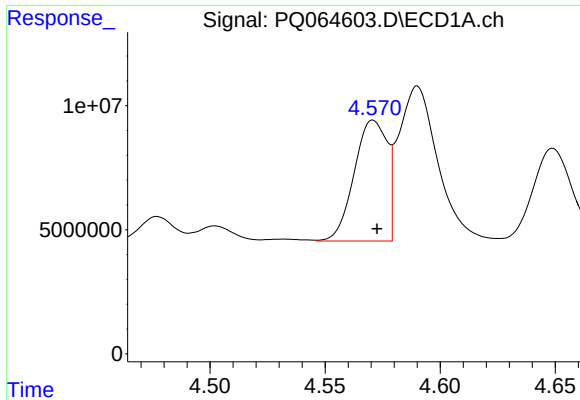
#2 Decachlorobiphenyl

R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 142665487
Conc: 48.67 ng/ml



#2 Decachlorobiphenyl

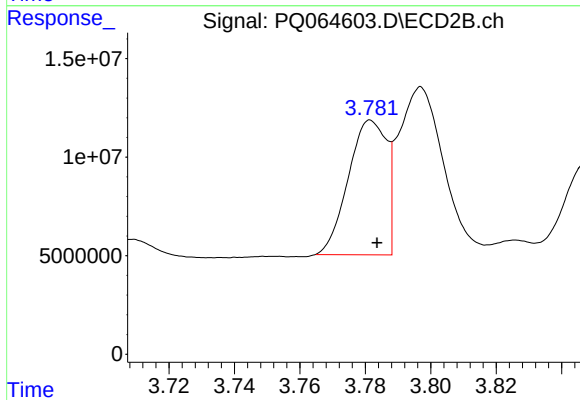
R.T.: 7.568 min
Delta R.T.: -0.003 min
Response: 213677625
Conc: 52.94 ng/ml



#3 AR-1016-1

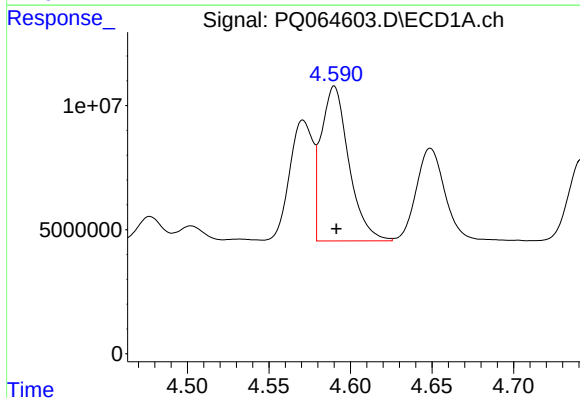
R.T.: 4.571 min
Delta R.T.: -0.002 min
Response: 48563349
Conc: 381.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



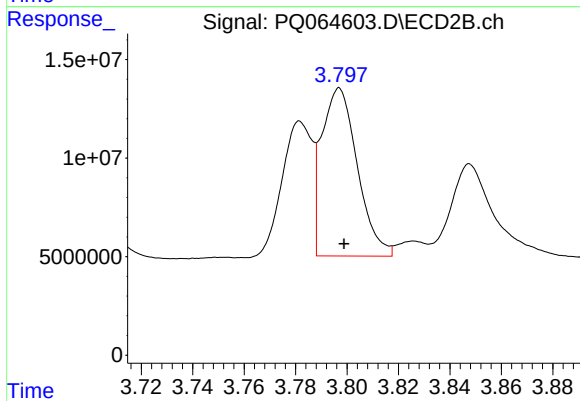
#3 AR-1016-1

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 55124532
Conc: 453.55 ng/ml



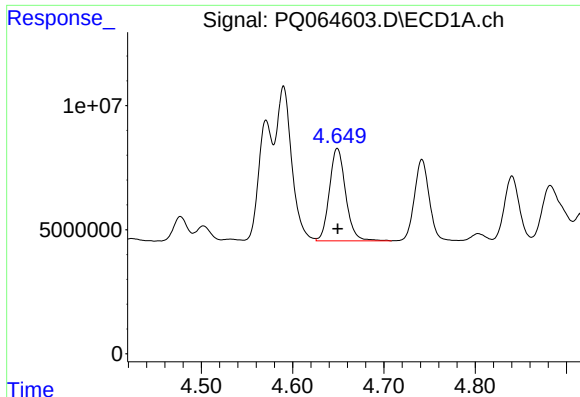
#4 AR-1016-2

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 73890153
Conc: 384.96 ng/ml



#4 AR-1016-2

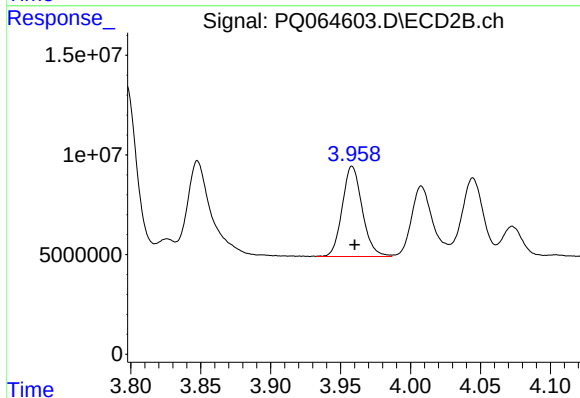
R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 82100042
Conc: 447.89 ng/ml



#5 AR-1016-3

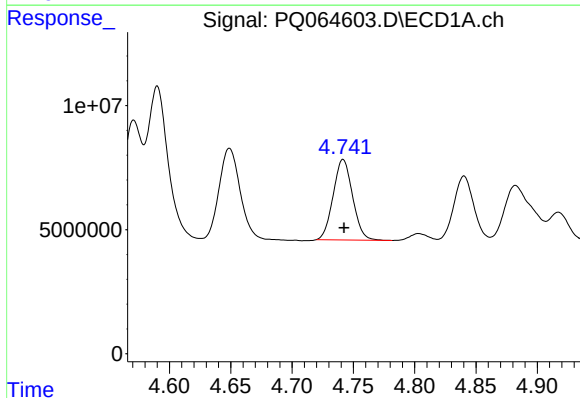
R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 46096982
Conc: 388.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



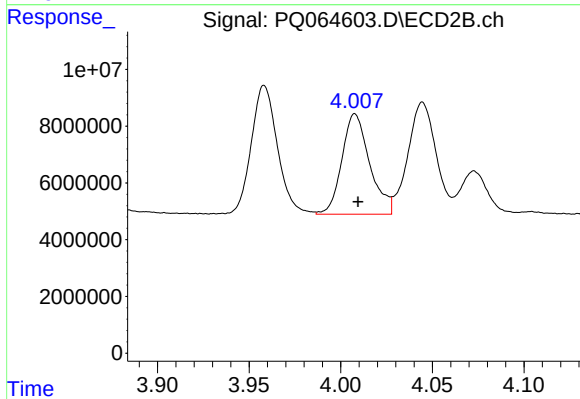
#5 AR-1016-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 45147229
Conc: 463.97 ng/ml



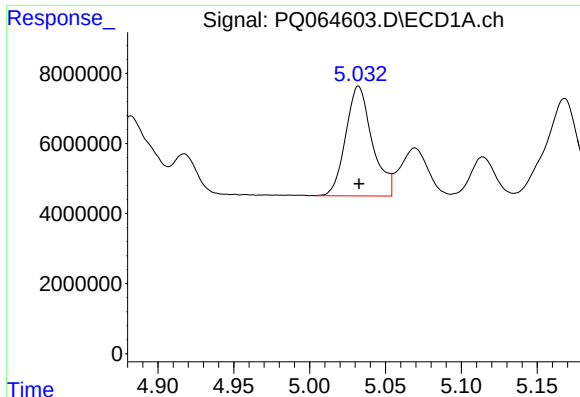
#6 AR-1016-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 35815463
Conc: 385.60 ng/ml



#6 AR-1016-4

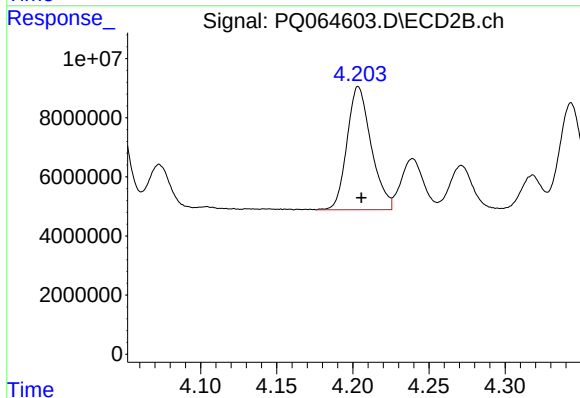
R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 37420128
Conc: 448.08 ng/ml



#7 AR-1016-5

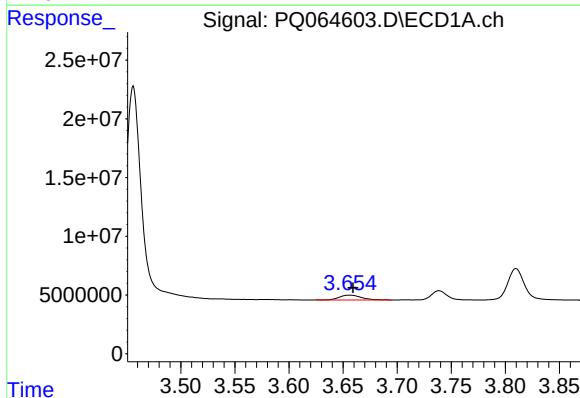
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 38095256
Conc: 391.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



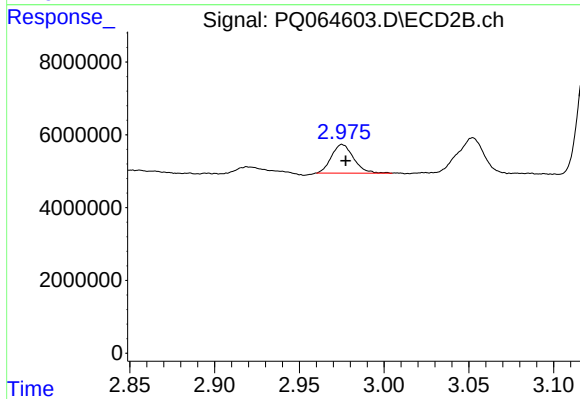
#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 46049644
Conc: 454.86 ng/ml



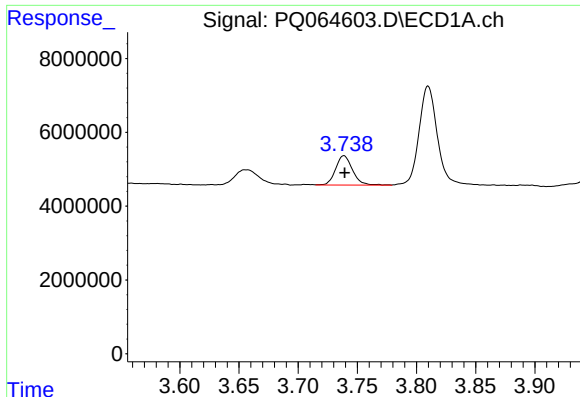
#8 AR-1221-1

R.T.: 3.656 min
Delta R.T.: -0.003 min
Response: 5824513
Conc: 114.72 ng/ml



#8 AR-1221-1

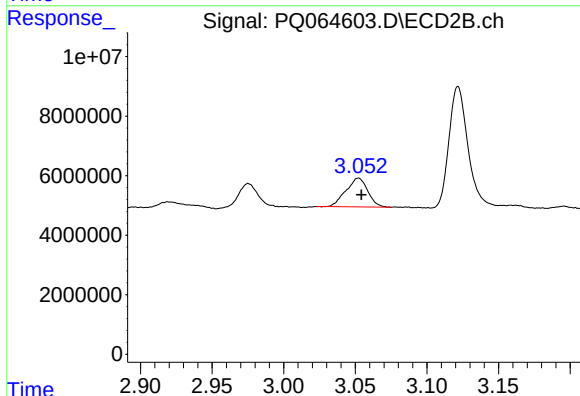
R.T.: 2.975 min
Delta R.T.: -0.002 min
Response: 7147647
Conc: 126.22 ng/ml



#9 AR-1221-2

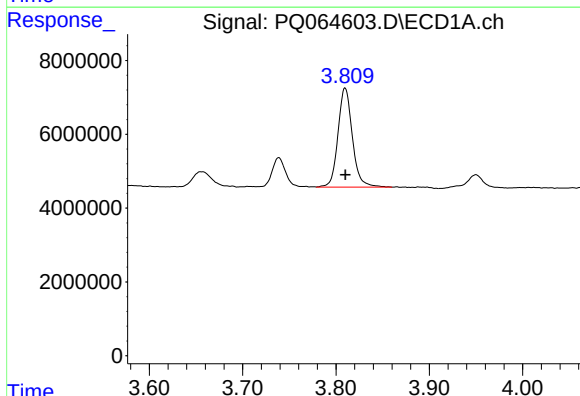
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 7921992
Conc: 216.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



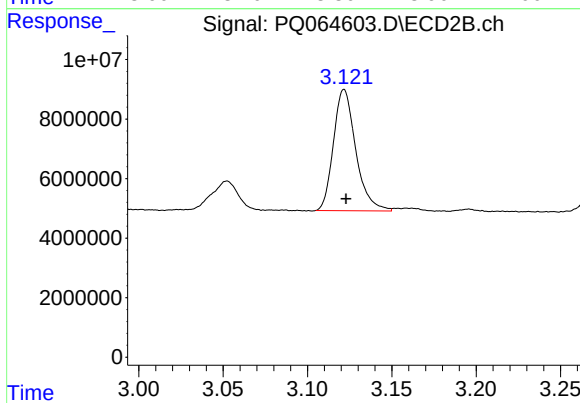
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.002 min
Response: 10295006
Conc: 244.39 ng/ml



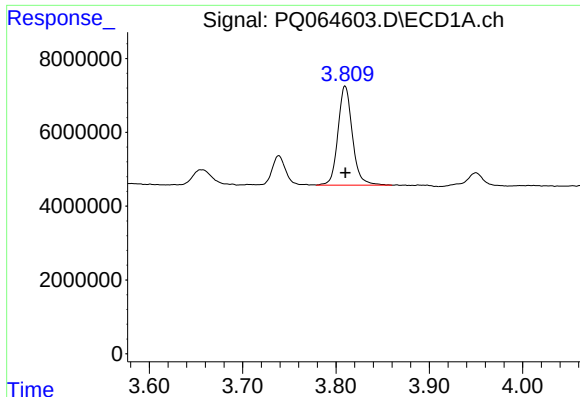
#10 AR-1221-3

R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 28746832
Conc: 254.20 ng/ml



#10 AR-1221-3

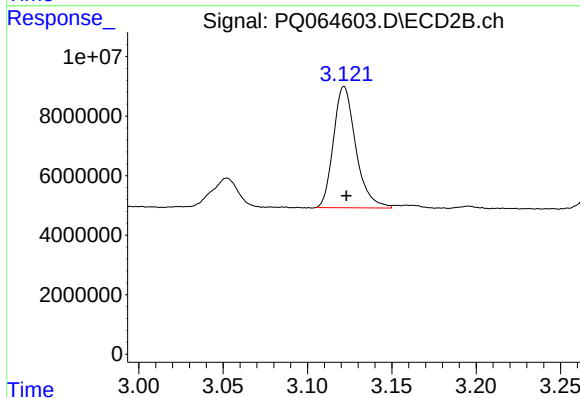
R.T.: 3.122 min
Delta R.T.: -0.001 min
Response: 37576637
Conc: 295.07 ng/ml



#11 AR-1232-1

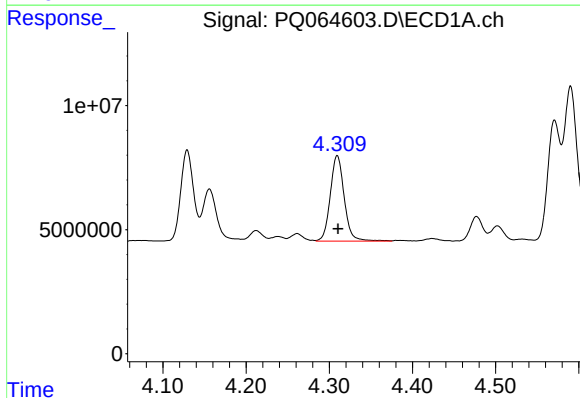
R.T.: 3.810 min
Delta R.T.: 0.000 min
Response: 28746832
Conc: 333.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



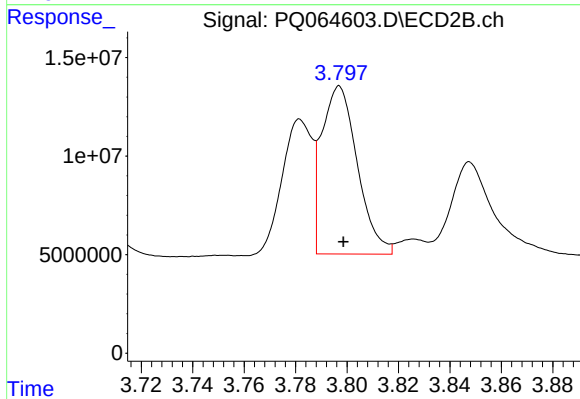
#11 AR-1232-1

R.T.: 3.122 min
Delta R.T.: -0.001 min
Response: 37576637
Conc: 390.11 ng/ml



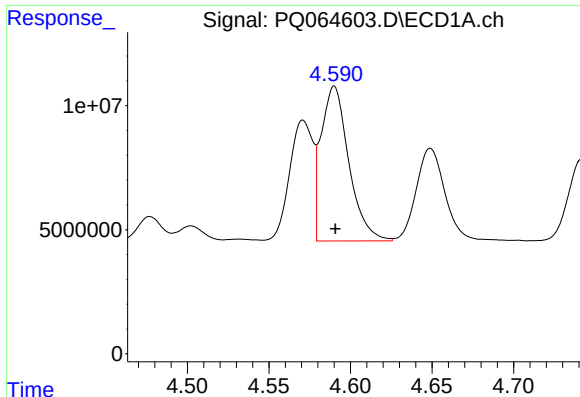
#12 AR-1232-2

R.T.: 4.310 min
Delta R.T.: -0.001 min
Response: 40108806
Conc: 822.20 ng/ml



#12 AR-1232-2

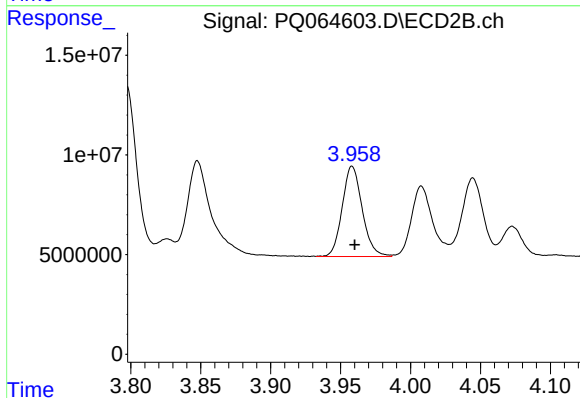
R.T.: 3.797 min
Delta R.T.: -0.001 min
Response: 82100042
Conc: 982.16 ng/ml



#13 AR-1232-3

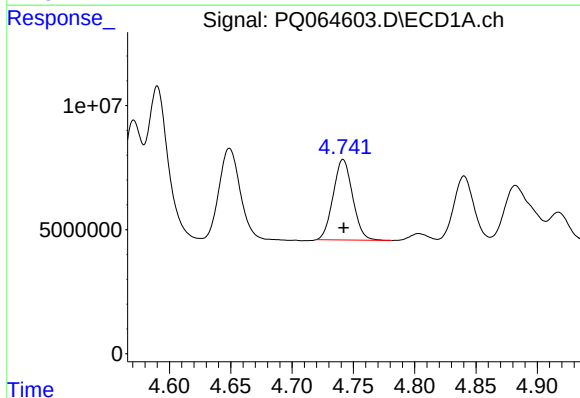
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 73890153
Conc: 865.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



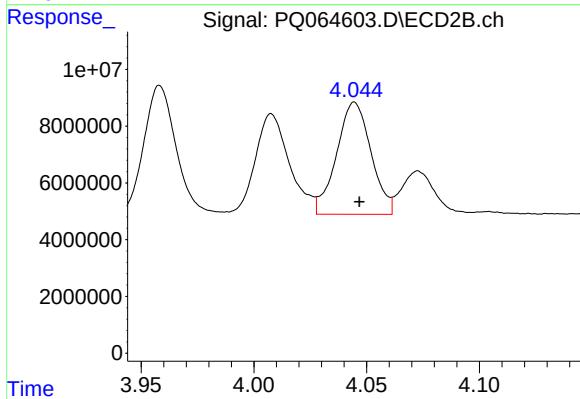
#13 AR-1232-3

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 45147229
Conc: 1014.04 ng/ml



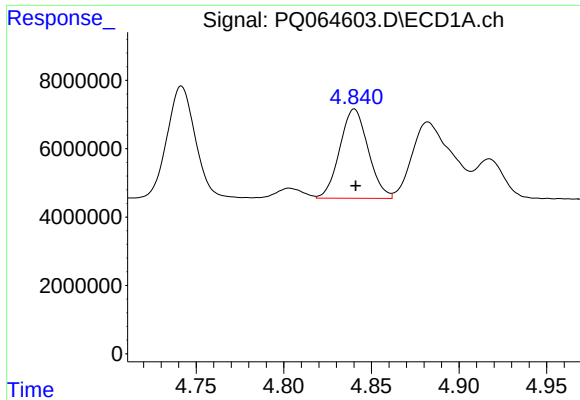
#14 AR-1232-4

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 35815463
Conc: 869.36 ng/ml



#14 AR-1232-4

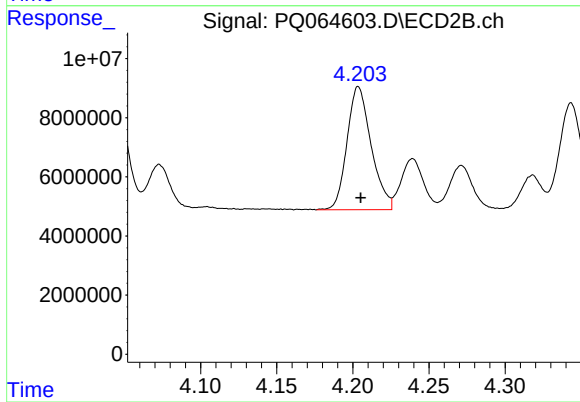
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 42055352
Conc: 1100.86 ng/ml



#15 AR-1232-5

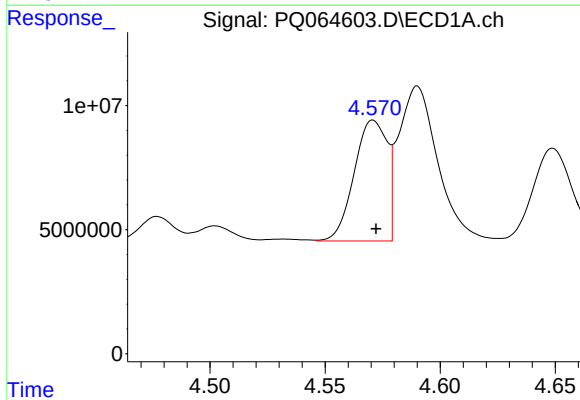
R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 29523194
Conc: 965.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



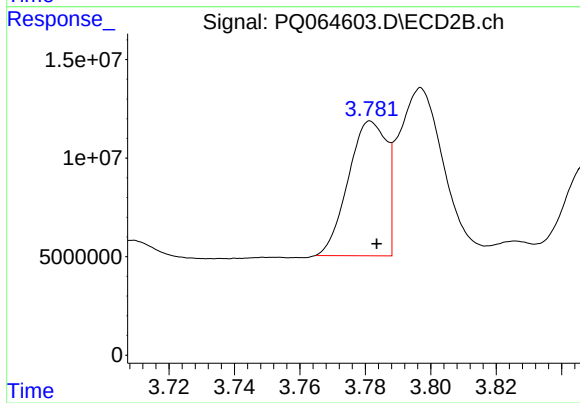
#15 AR-1232-5

R.T.: 4.204 min
Delta R.T.: -0.002 min
Response: 46049644
Conc: 1082.04 ng/ml



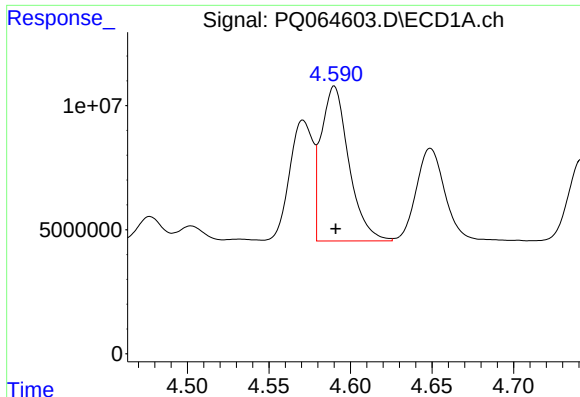
#16 AR-1242-1

R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 48563349
Conc: 468.58 ng/ml



#16 AR-1242-1

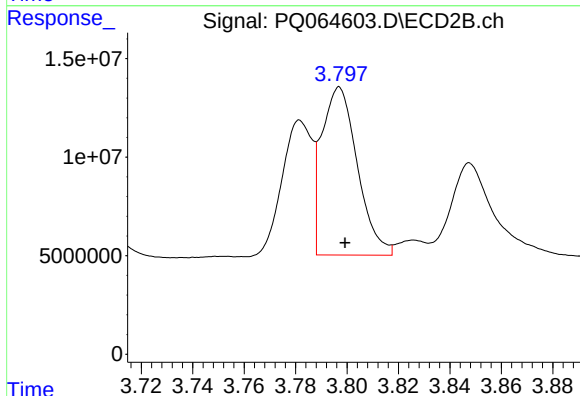
R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 55124532
Conc: 531.23 ng/ml



#17 AR-1242-2

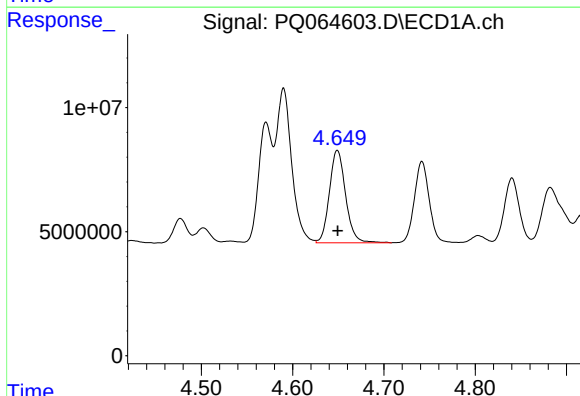
R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 73890153
Conc: 476.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



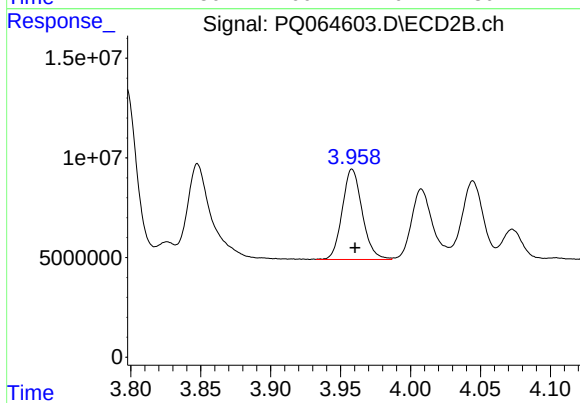
#17 AR-1242-2

R.T.: 3.797 min
Delta R.T.: -0.002 min
Response: 82100042
Conc: 531.42 ng/ml



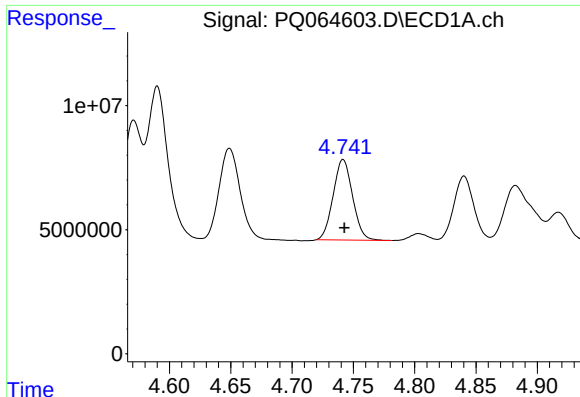
#18 AR-1242-3

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 46096982
Conc: 475.92 ng/ml



#18 AR-1242-3

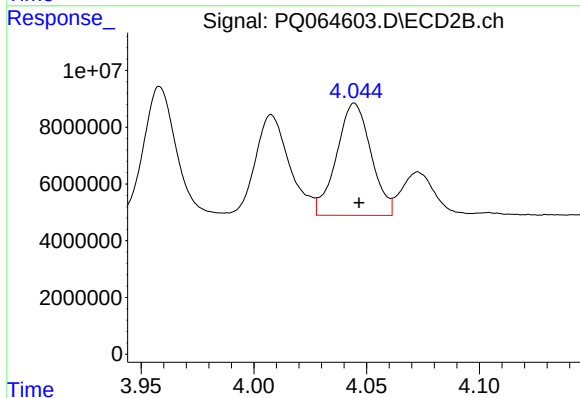
R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 45147229
Conc: 550.51 ng/ml



#19 AR-1242-4

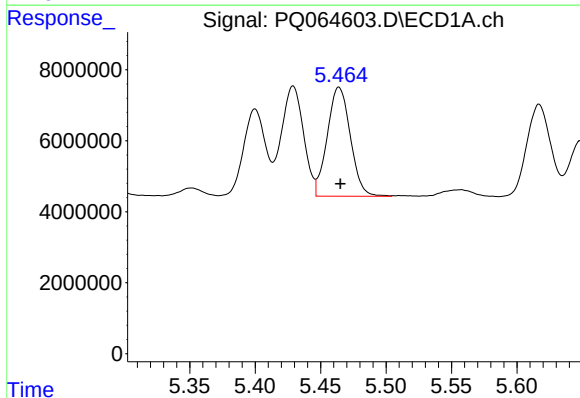
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 35815463
Conc: 471.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



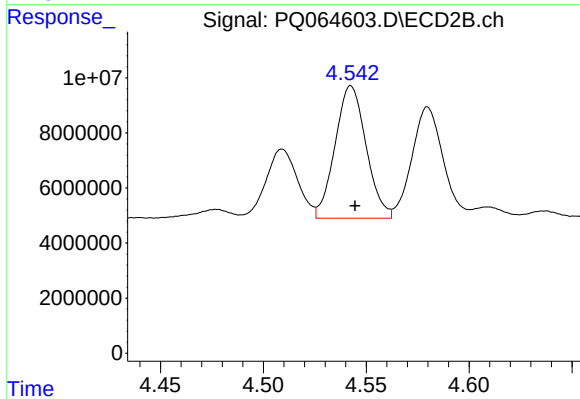
#19 AR-1242-4

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 42055352
Conc: 538.98 ng/ml



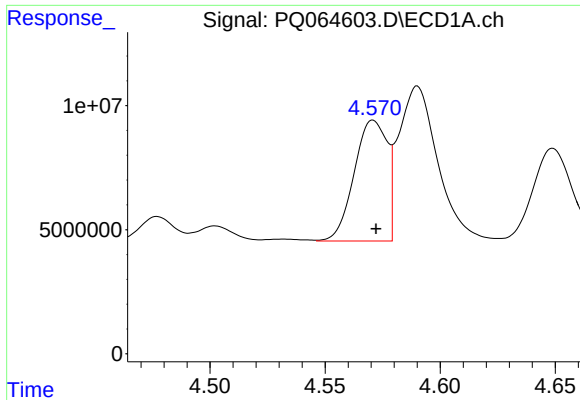
#20 AR-1242-5

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 37790451
Conc: 455.22 ng/ml



#20 AR-1242-5

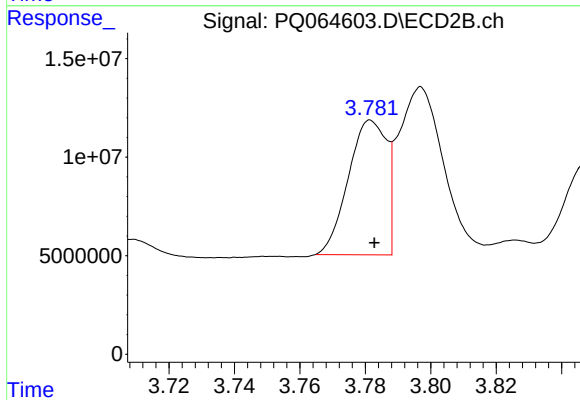
R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 50544838
Conc: 524.14 ng/ml



#21 AR-1248-1

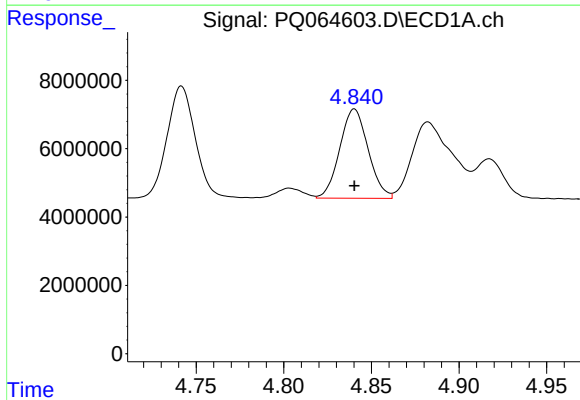
R.T.: 4.571 min
Delta R.T.: -0.001 min
Response: 48563349
Conc: 623.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



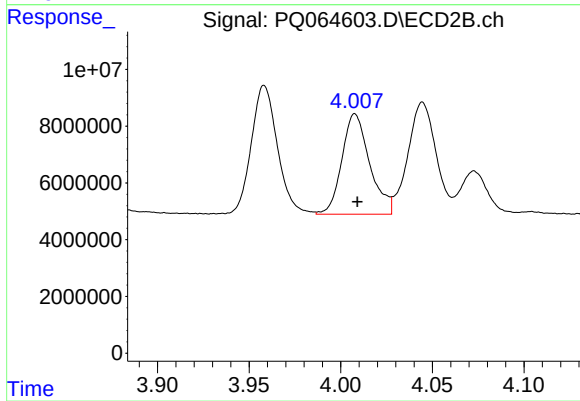
#21 AR-1248-1

R.T.: 3.782 min
Delta R.T.: -0.001 min
Response: 55124532
Conc: 681.30 ng/ml



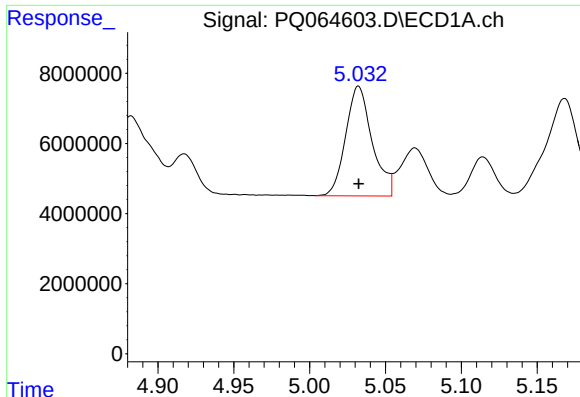
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 29523194
Conc: 264.55 ng/ml



#22 AR-1248-2

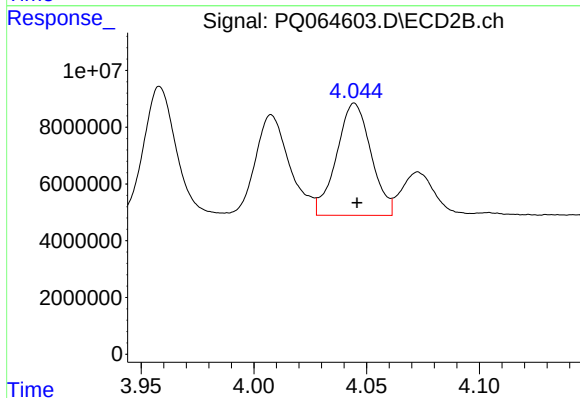
R.T.: 4.008 min
Delta R.T.: -0.001 min
Response: 37420128
Conc: 305.25 ng/ml



#23 AR-1248-3

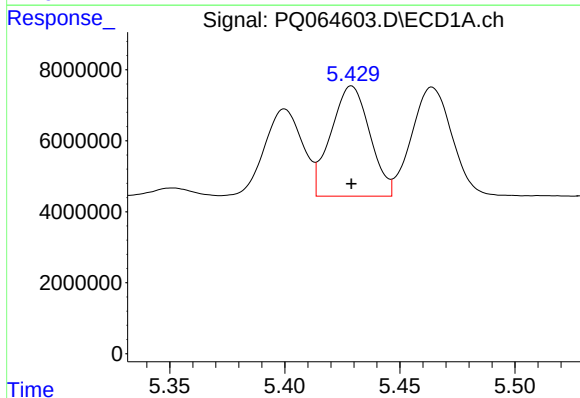
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 38095256
Conc: 286.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



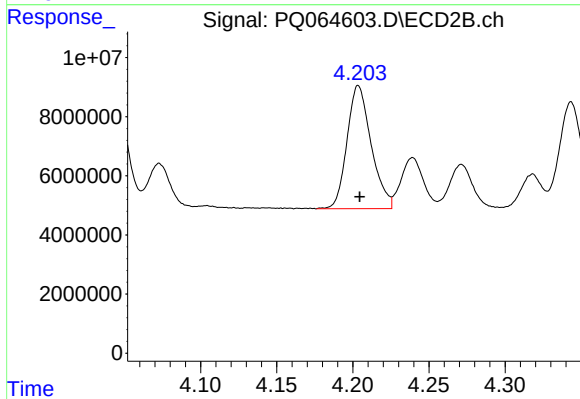
#23 AR-1248-3

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 42055352
Conc: 360.40 ng/ml



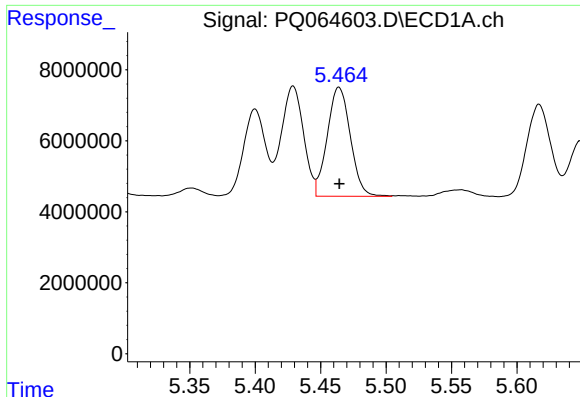
#24 AR-1248-4

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 36653991
Conc: 256.10 ng/ml



#24 AR-1248-4

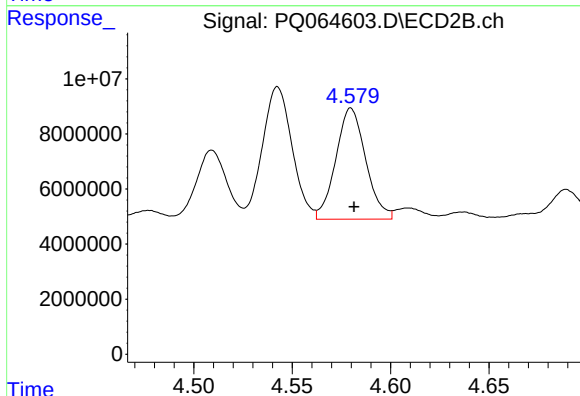
R.T.: 4.204 min
Delta R.T.: -0.001 min
Response: 46049644
Conc: 328.50 ng/ml



#25 AR-1248-5

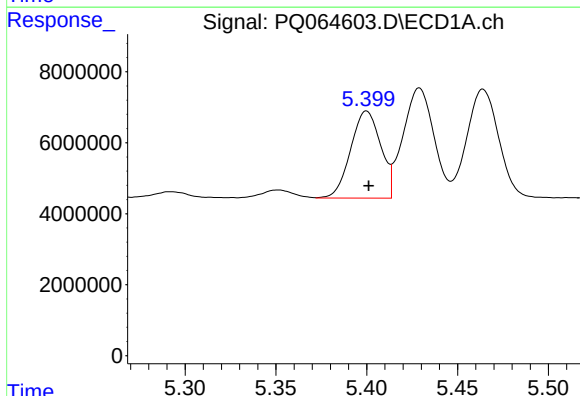
R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 37790451
Conc: 269.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



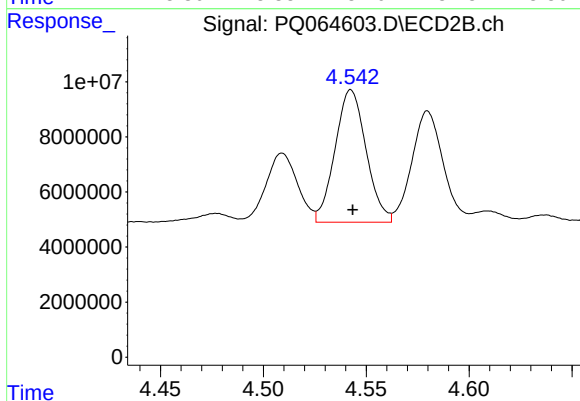
#25 AR-1248-5

R.T.: 4.580 min
Delta R.T.: -0.002 min
Response: 42740407
Conc: 321.19 ng/ml



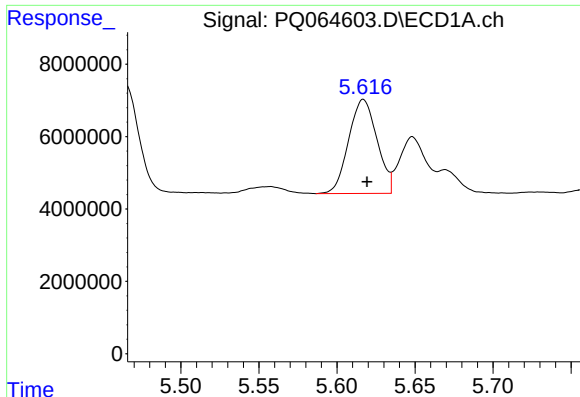
#26 AR-1254-1

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 28258842
Conc: 184.50 ng/ml



#26 AR-1254-1

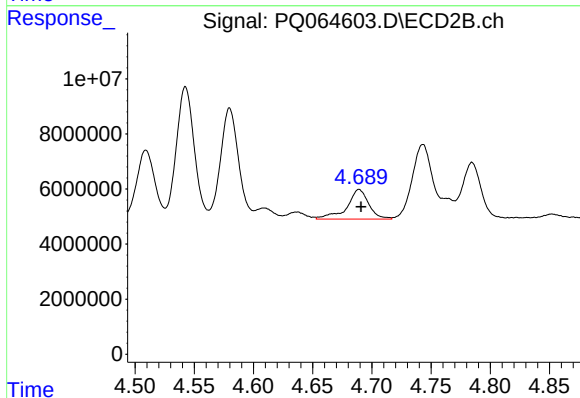
R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 50544838
Conc: 241.40 ng/ml



#27 AR-1254-2

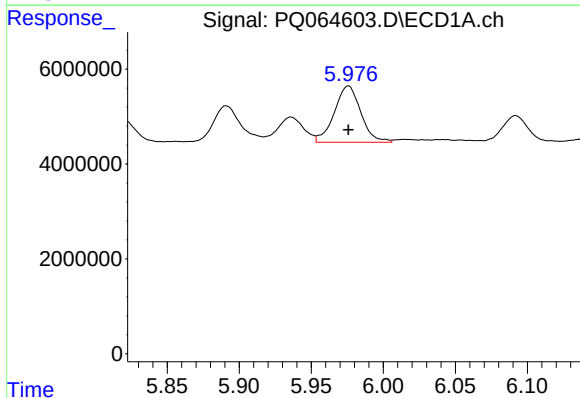
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 32875397
Conc: 140.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



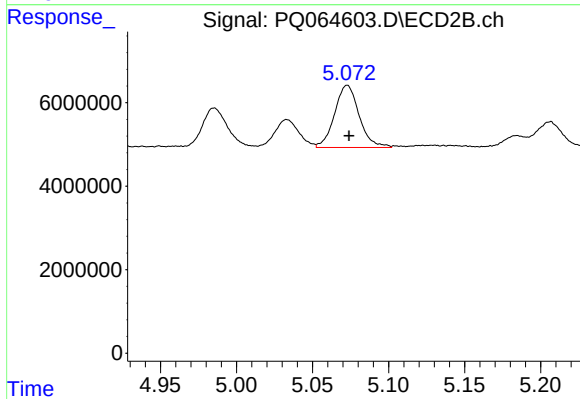
#27 AR-1254-2

R.T.: 4.689 min
Delta R.T.: -0.002 min
Response: 13852298
Conc: 74.88 ng/ml



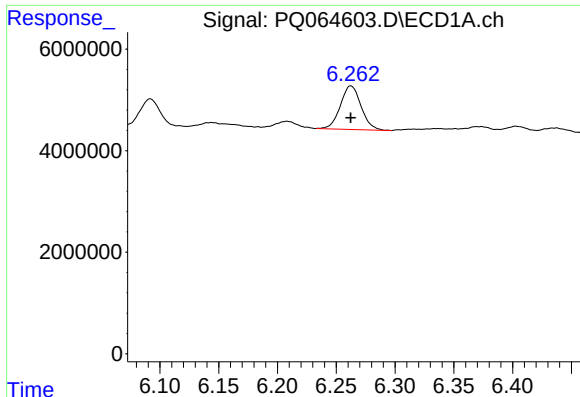
#28 AR-1254-3

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 15238679
Conc: 62.00 ng/ml



#28 AR-1254-3

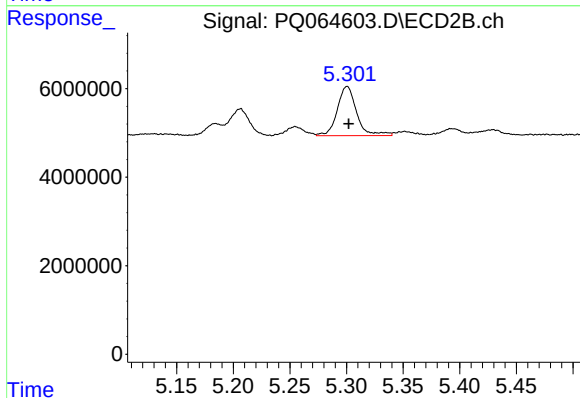
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 16773495
Conc: 59.29 ng/ml



#29 AR-1254-4

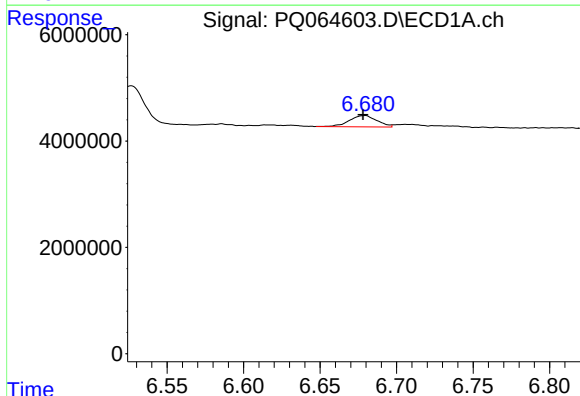
R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 10530685
Conc: 60.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



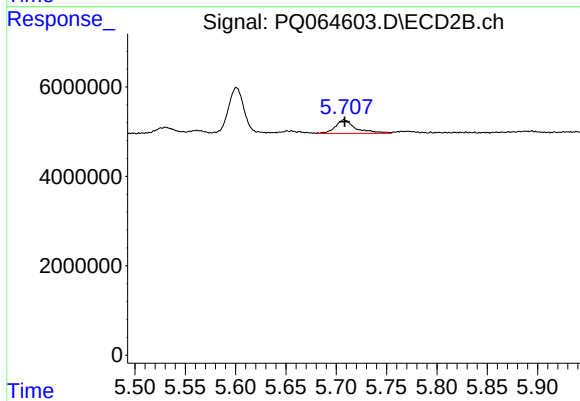
#29 AR-1254-4

R.T.: 5.301 min
Delta R.T.: -0.001 min
Response: 13284693
Conc: 71.56 ng/ml



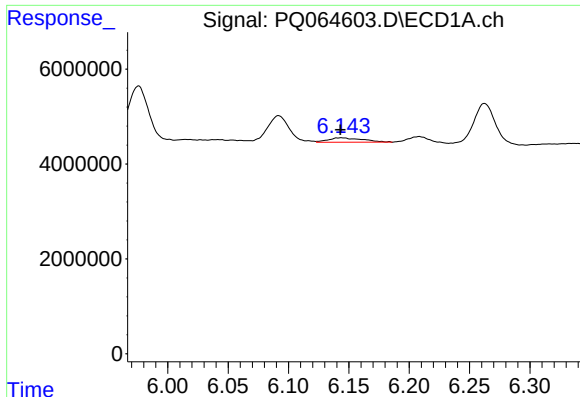
#30 AR-1254-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 2646070
Conc: 13.71 ng/ml



#30 AR-1254-5

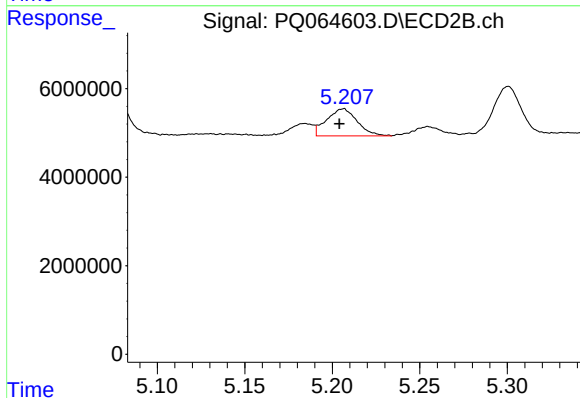
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 4301037
Conc: 16.56 ng/ml



#31 AR-1260-1

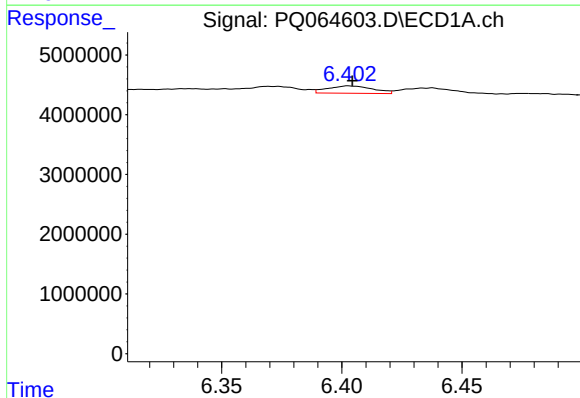
R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 1821489
Conc: 9.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



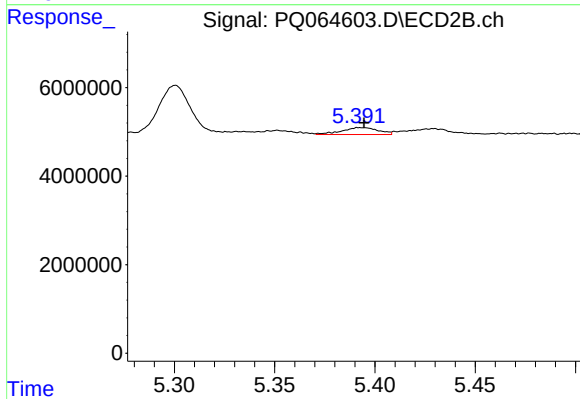
#31 AR-1260-1

R.T.: 5.206 min
Delta R.T.: 0.002 min
Response: 7455206
Conc: 38.55 ng/ml



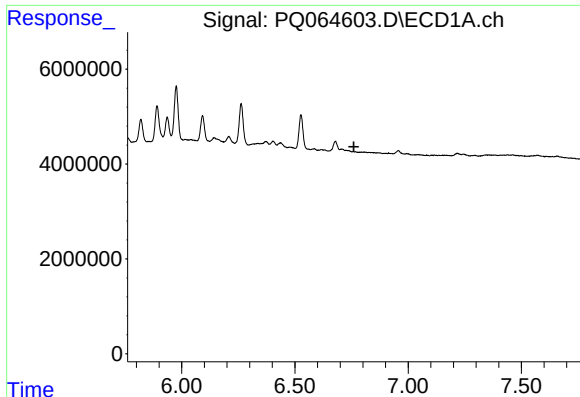
#32 AR-1260-2

R.T.: 6.403 min
Delta R.T.: -0.001 min
Response: 1603843
Conc: 7.40 ng/ml



#32 AR-1260-2

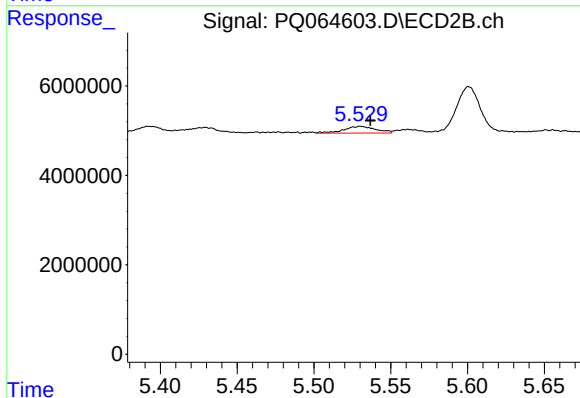
R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 1980091
Conc: 8.51 ng/ml



#33 AR-1260-3

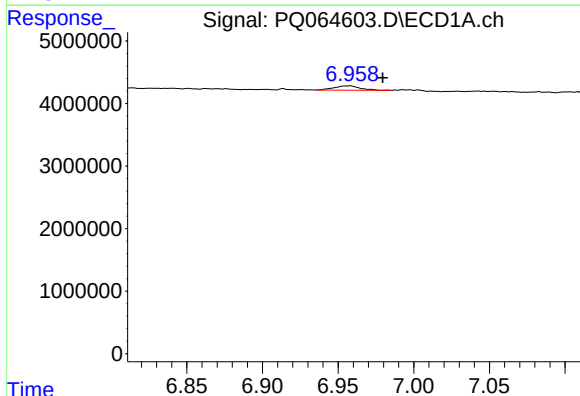
R.T.: 0.000 min
Exp R.T.: 6.760 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



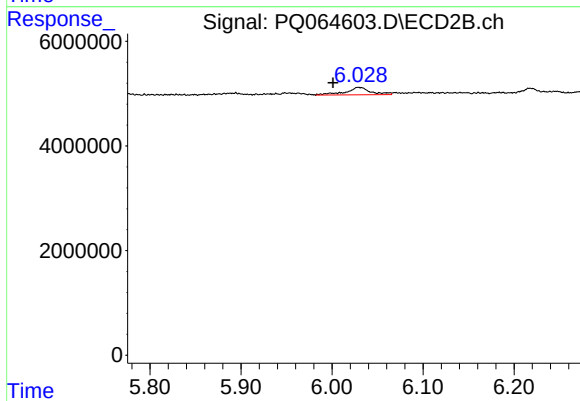
#33 AR-1260-3

R.T.: 5.531 min
Delta R.T.: -0.006 min
Response: 2141957
Conc: 9.85 ng/ml



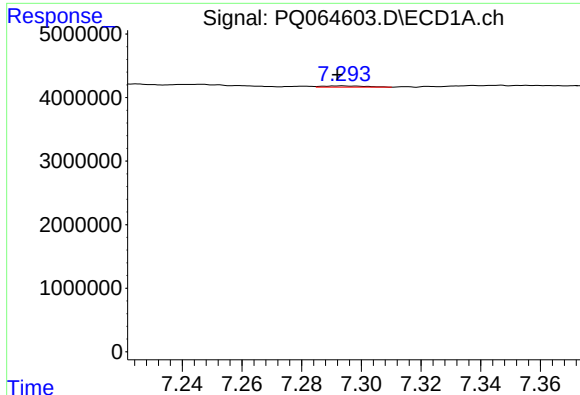
#34 AR-1260-4

R.T.: 6.957 min
Delta R.T.: -0.022 min
Response: 836114
Conc: 4.87 ng/ml



#34 AR-1260-4

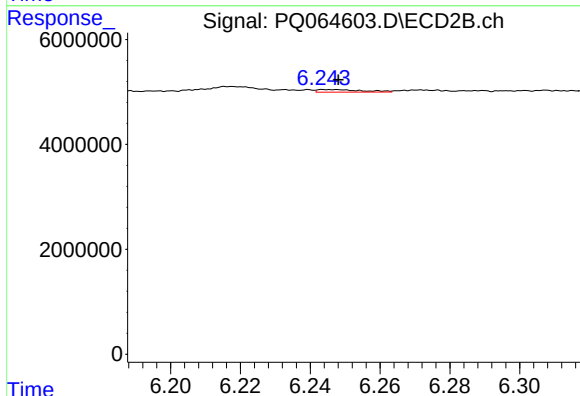
R.T.: 6.029 min
Delta R.T.: 0.028 min
Response: 2706822
Conc: 14.70 ng/ml



#35 AR-1260-5

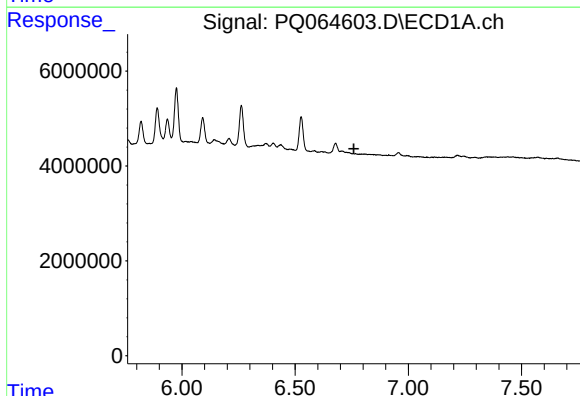
R.T.: 7.294 min
Delta R.T.: 0.002 min
Response: 190739
Conc: 0.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



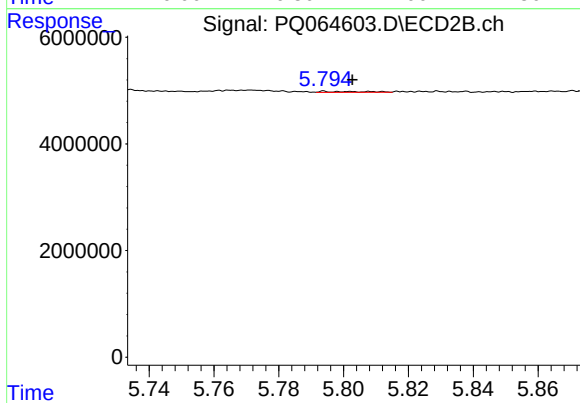
#35 AR-1260-5

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 427743
Conc: 0.99 ng/ml



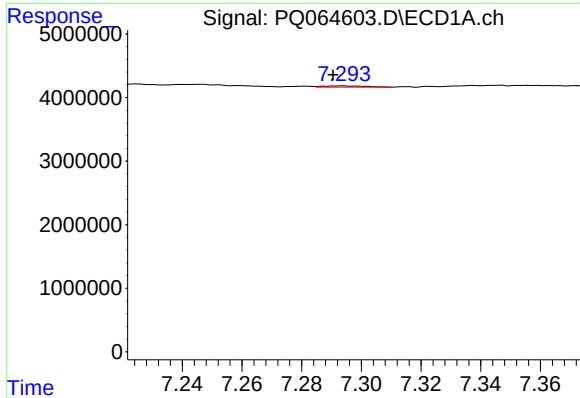
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.760 min
Response: 0
Conc: N.D.



#36 AR-1262-1

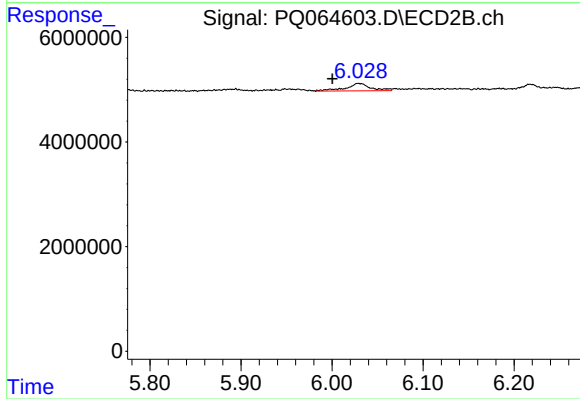
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 173286
Conc: 1.52 ng/ml



#37 AR-1262-2

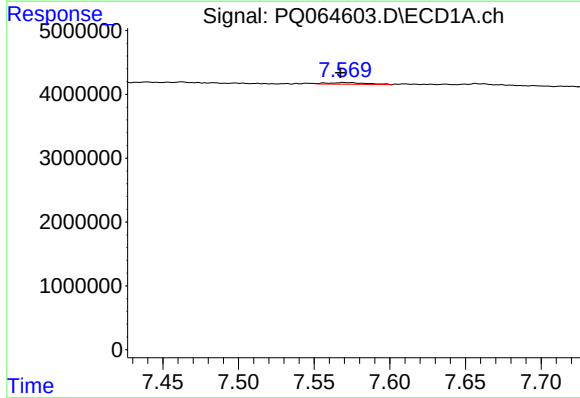
R.T.: 7.294 min
Delta R.T.: 0.003 min
Response: 190739
Conc: 0.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



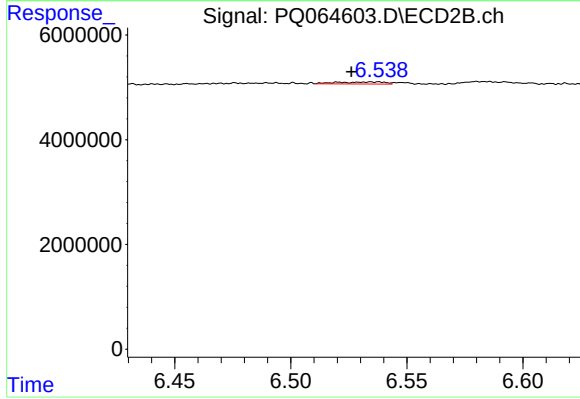
#37 AR-1262-2

R.T.: 6.029 min
Delta R.T.: 0.029 min
Response: 2706822
Conc: 10.63 ng/ml



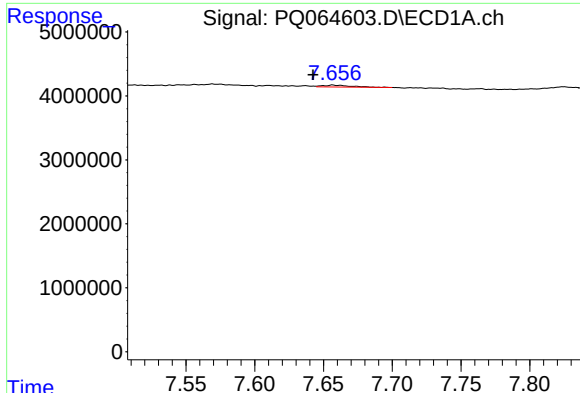
#38 AR-1262-3

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 484196
Conc: 1.79 ng/ml



#38 AR-1262-3

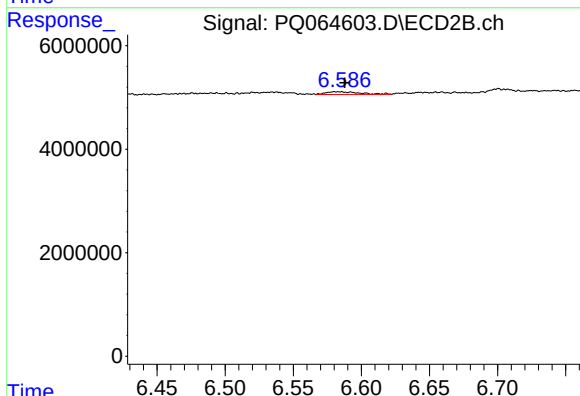
R.T.: 6.537 min
Delta R.T.: 0.011 min
Response: 550473
Conc: 2.44 ng/ml



#39 AR-1262-4

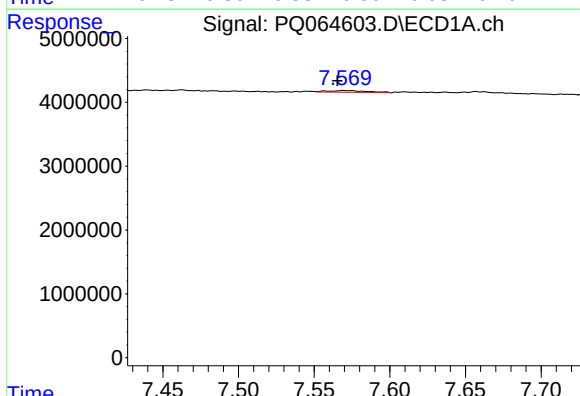
R.T.: 7.657 min
Delta R.T.: 0.014 min
Response: 398388
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



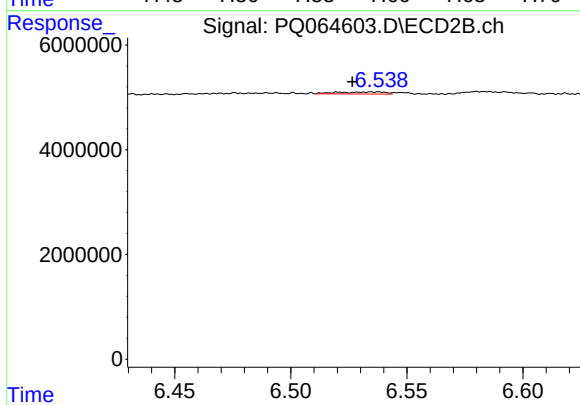
#39 AR-1262-4

R.T.: 6.581 min
Delta R.T.: -0.007 min
Response: 866975
Conc: 2.00 ng/ml



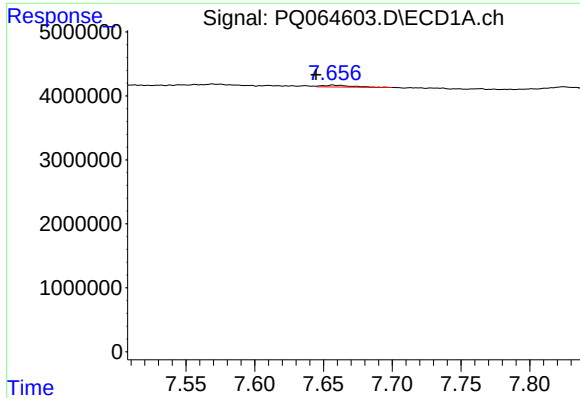
#41 AR-1268-1

R.T.: 7.569 min
Delta R.T.: 0.004 min
Response: 484196
Conc: 1.01 ng/ml



#41 AR-1268-1

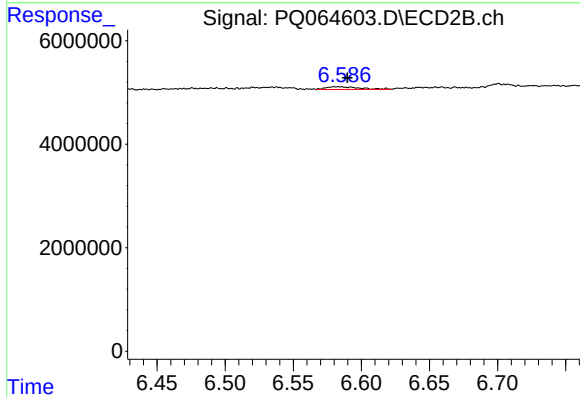
R.T.: 6.537 min
Delta R.T.: 0.011 min
Response: 550473
Conc: 0.84 ng/ml



#42 AR-1268-2

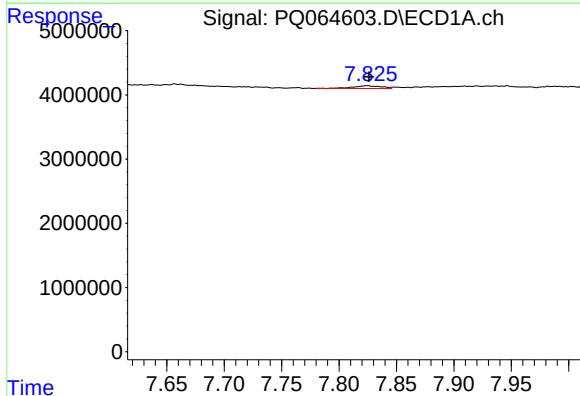
R.T.: 7.657 min
Delta R.T.: 0.012 min
Response: 398388
Conc: 0.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



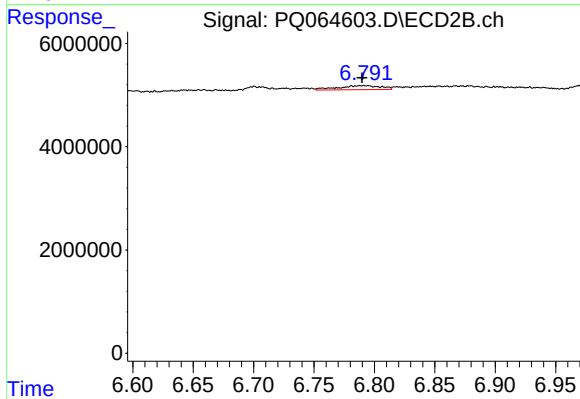
#42 AR-1268-2

R.T.: 6.581 min
Delta R.T.: -0.009 min
Response: 866975
Conc: 1.40 ng/ml



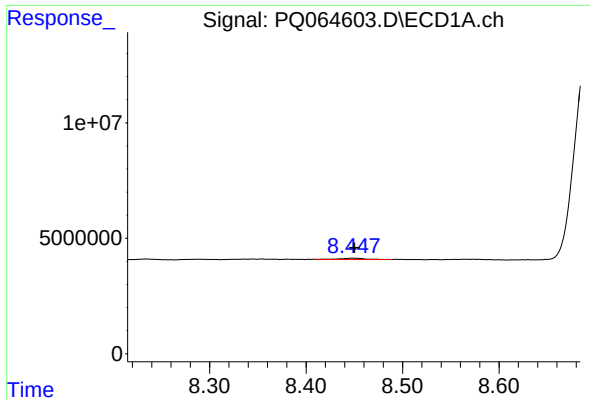
#43 AR-1268-3

R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 761231
Conc: 2.01 ng/ml



#43 AR-1268-3

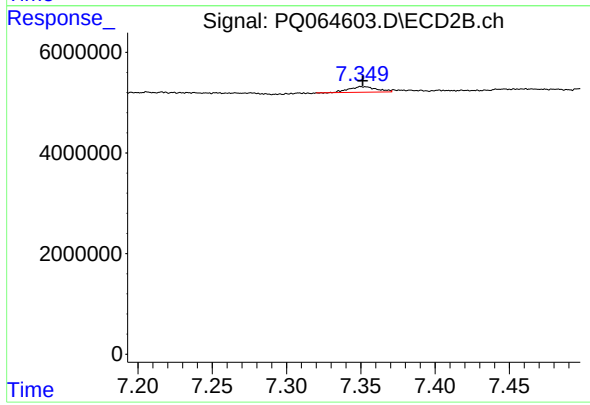
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 1936320
Conc: 3.02 ng/ml



#45 AR-1268-5

R.T.: 8.448 min
Delta R.T.: -0.002 min
Response: 818567
Conc: 0.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 1461300
Conc: 0.77 ng/ml