

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032723\
 Data File : PQ060704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2023 19:35
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 21:12:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 27 17:20:15 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...	3.406	2.763	398.4E6	207.0E6	50.753	52.666
2)	SA Decachlor...	8.584	7.543	284.2E6	245.7E6	50.363	52.141
Target Compounds							
3)	L1 AR-1016-1	4.505	3.768	141.9E6	74654465	510.150	521.503
4)	L1 AR-1016-2	4.524	3.784	210.9E6	110.1E6	507.435	522.884
5)	L1 AR-1016-3	4.582	3.945	133.0E6	58644077	509.741	528.864
6)	L1 AR-1016-4	4.675	3.994	111.0E6	49764359	513.013	528.299
7)	L1 AR-1016-5	4.962	4.189	107.6E6	60318730	483.589	511.706
8)	L2 AR-1221-1	3.602	2.966	14891877	7731595	149.332	158.816
9)	L2 AR-1221-2	3.684	3.043	22066310	10874949	293.059	292.751
10)	L2 AR-1221-3	3.754	3.111	78808892	40032133	354.263	352.385
11)	L3 AR-1232-1	3.754	3.111	78808892	40032133	461.094	462.500
12)	L3 AR-1232-2	4.247	3.784	108.3E6	110.1E6	1092.747	1158.316
13)	L3 AR-1232-3	4.524	3.945	210.9E6	58644077	1124.410	1175.283
14)	L3 AR-1232-4	4.675	4.030	111.0E6	54971271	1123.470	1290.876
15)	L3 AR-1232-5	4.771	4.189	85692474	60318730	1261.670	1172.915
16)	L4 AR-1242-1	4.505	3.768	141.9E6	74654465	670.172	670.211
17)	L4 AR-1242-2	4.524	3.784	210.9E6	110.1E6	669.507	680.124
18)	L4 AR-1242-3	4.582	3.945	133.0E6	58644077	659.657	693.373
19)	L4 AR-1242-4	4.675	4.030	111.0E6	54971271	648.520	663.887
20)	L4 AR-1242-5	5.390	4.525	15237342	48901826	89.987	428.715 #
21)	L5 AR-1248-1	4.505	3.768	141.9E6	74654465	840.796	846.373
22)	L5 AR-1248-2	4.771	3.994	85692474	49764359	374.384	381.723
23)	L5 AR-1248-3	4.962	4.030	107.6E6	54971271	384.084	437.865
24)	L5 AR-1248-4	5.354	4.189	18237558	60318730	58.582	387.171 #
25)	L5 AR-1248-5	5.390	4.564	15237342	7779710	50.822	50.717
26)	L6 AR-1254-1	5.327	4.525	84107637	48901826	264.243	210.688
27)	L6 AR-1254-2	5.546	4.672	93818328	47723101	190.475	227.351
28)	L6 AR-1254-3	5.898	5.055	50177088	24345556	99.255	73.748 #
29)	L6 AR-1254-4	6.181	5.281	34511027	9064123	92.164	43.303 #
30)	L6 AR-1254-5	6.595	5.686	277.6E6	185.1E6	656.505	566.048
31)	L7 AR-1260-1	6.063	5.184	194.8E6	120.5E6	506.711	520.018
32)	L7 AR-1260-2	6.323	5.373	231.2E6	147.2E6	504.839	513.667
33)	L7 AR-1260-3	6.677	5.515	148.2E6	142.0E6	511.920	521.067
34)	L7 AR-1260-4	6.894	5.978	173.9E6	104.9E6	505.052	518.978
35)	L7 AR-1260-5	7.205	6.223	328.0E6	240.6E6	501.864	519.946
36)	L8 AR-1262-1	6.677	5.729	148.2E6	102.6E6	311.397	323.038
37)	L8 AR-1262-2	7.205	6.223	328.0E6	240.6E6	419.585	412.718
38)	L8 AR-1262-3	7.483	6.502	213.8E6	50028287	406.291	210.378 #
39)	L8 AR-1262-4	7.553	6.560	124.6E6	187.0E6	302.263	422.800 #
40)	L8 AR-1262-5	8.057	7.057	78742896	60433388	291.093	285.693
41)	L9 AR-1268-1	7.483	6.502	213.8E6	50028287	245.775	74.413 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032723\
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 Acq On : 27 Mar 2023 19:35
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

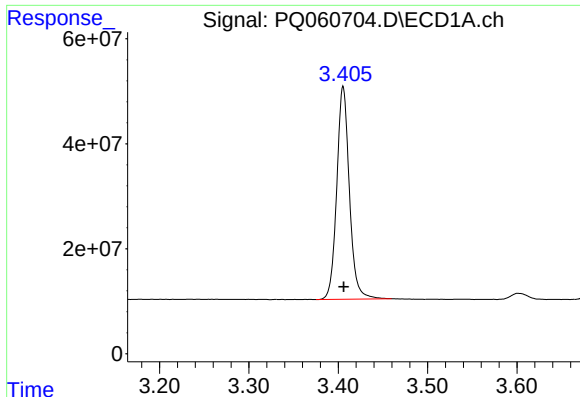
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 21:12:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032723.M
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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
42) L9	AR-1268-2	7.553	6.560	124.6E6	187.0E6	157.166	302.457 #
43) L9	AR-1268-3	7.736	6.766	6814791	5045987	10.269	9.314
44) L9	AR-1268-4	8.057	7.057	78742896	60433388	267.022	259.169
45) L9	AR-1268-5	8.351	7.325	26062238	22457517	13.806	12.849

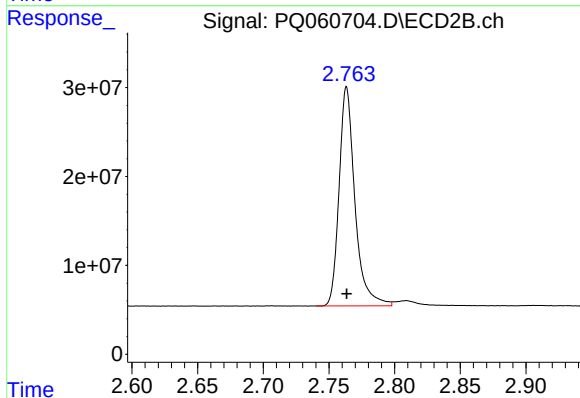
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

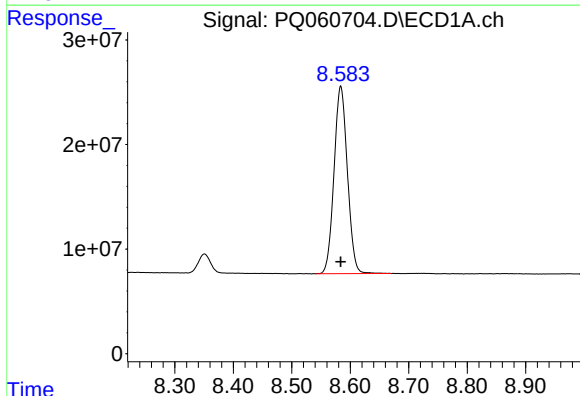
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 398421157
Conc: 50.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



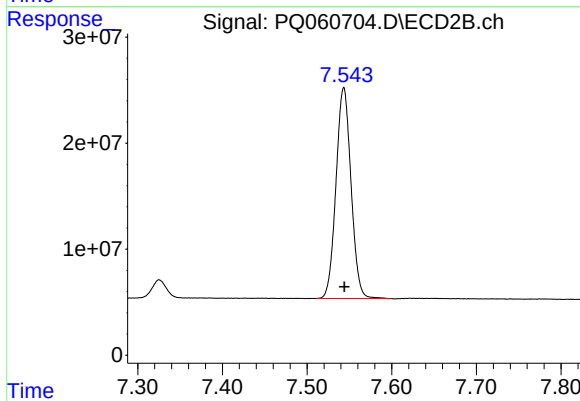
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.000 min
Response: 207007081
Conc: 52.67 ng/ml



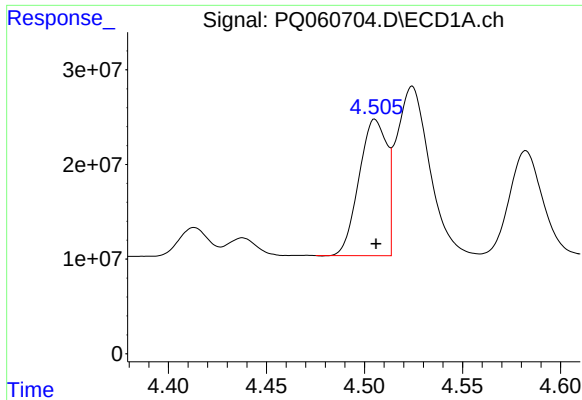
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 284202226
Conc: 50.36 ng/ml



#2 Decachlorobiphenyl

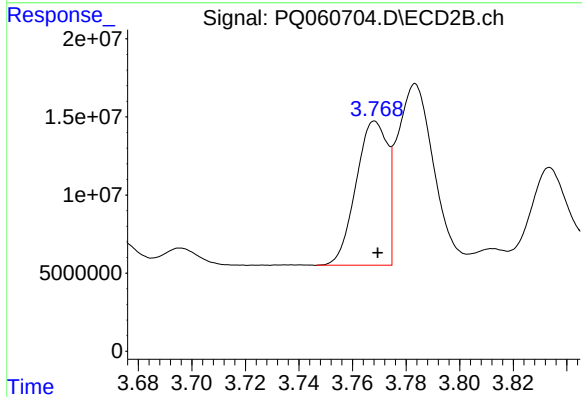
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 245735825
Conc: 52.14 ng/ml



#3 AR-1016-1

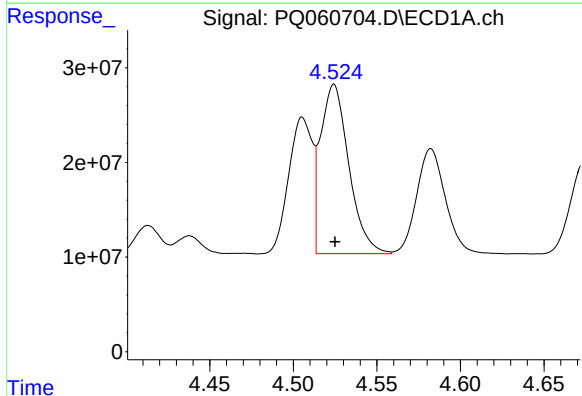
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 141947542
Conc: 510.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



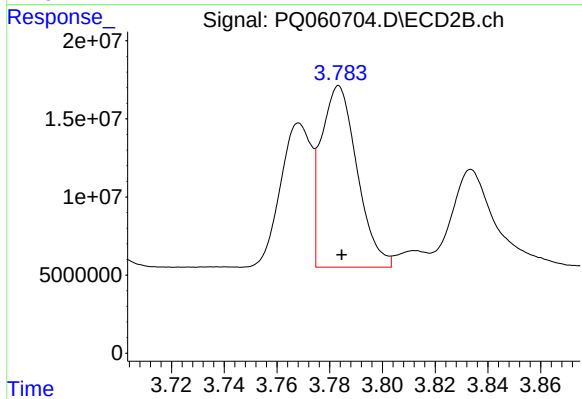
#3 AR-1016-1

R.T.: 3.768 min
Delta R.T.: -0.001 min
Response: 74654465
Conc: 521.50 ng/ml



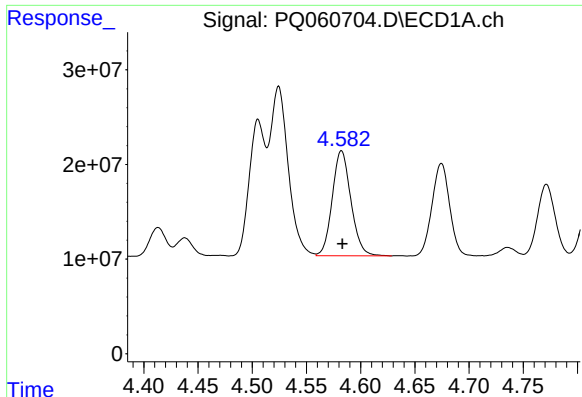
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 210888671
Conc: 507.43 ng/ml



#4 AR-1016-2

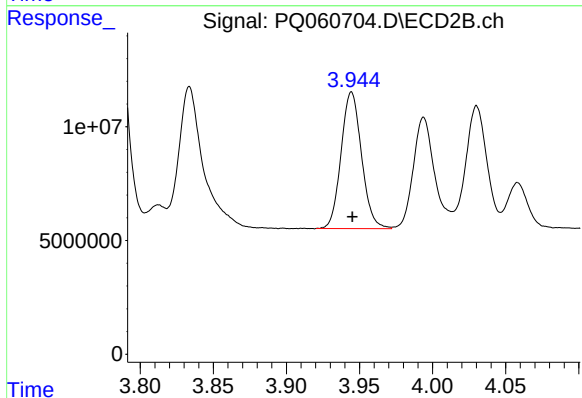
R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 110068196
Conc: 522.88 ng/ml



#5 AR-1016-3

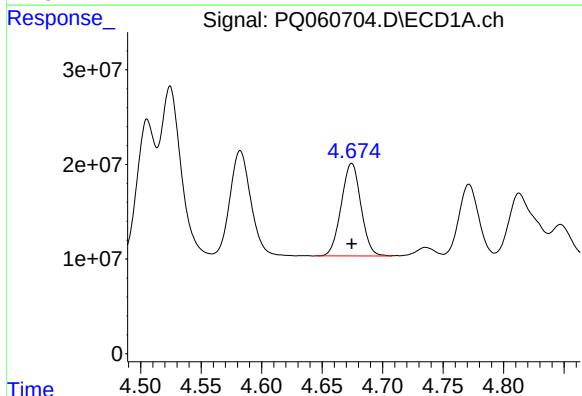
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 132968952
Conc: 509.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



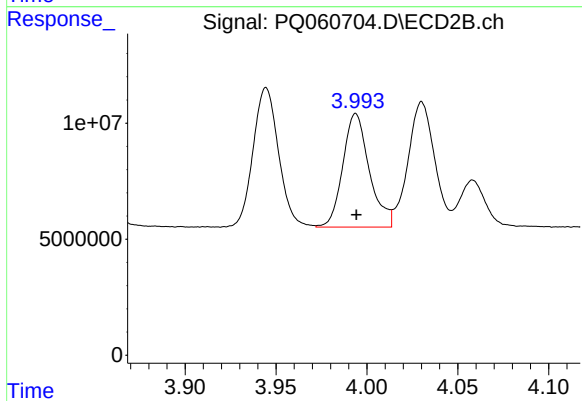
#5 AR-1016-3

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 58644077
Conc: 528.86 ng/ml



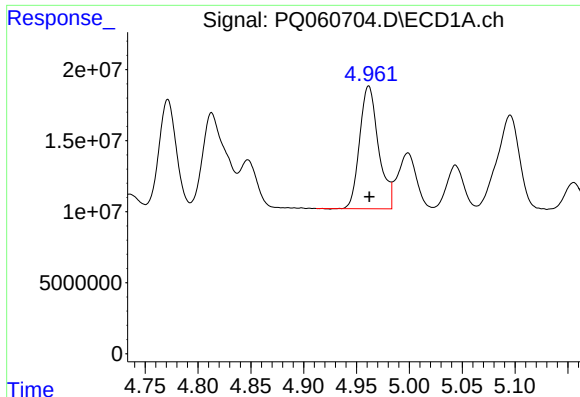
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 110950919
Conc: 513.01 ng/ml



#6 AR-1016-4

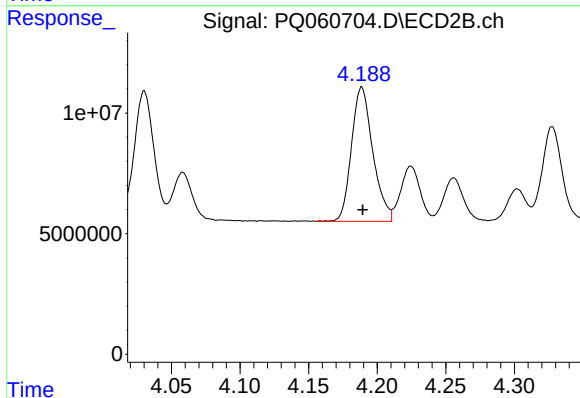
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 49764359
Conc: 528.30 ng/ml



#7 AR-1016-5

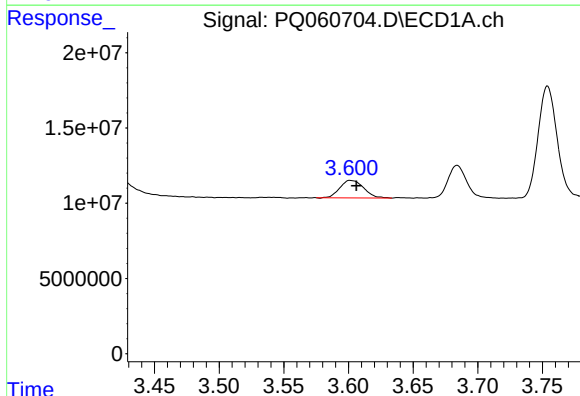
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 107625327
Conc: 483.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



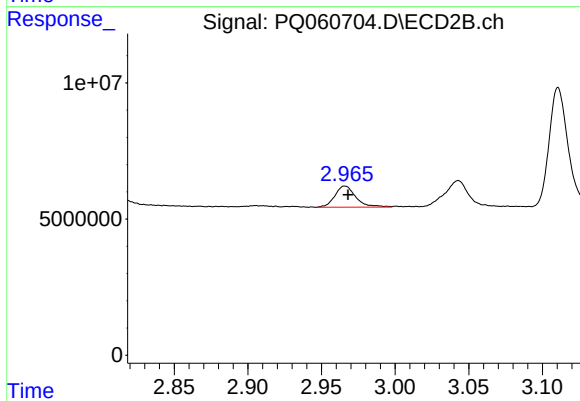
#7 AR-1016-5

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 60318730
Conc: 511.71 ng/ml



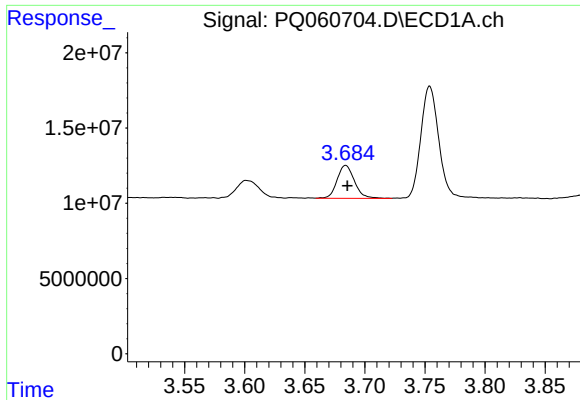
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.005 min
Response: 14891877
Conc: 149.33 ng/ml



#8 AR-1221-1

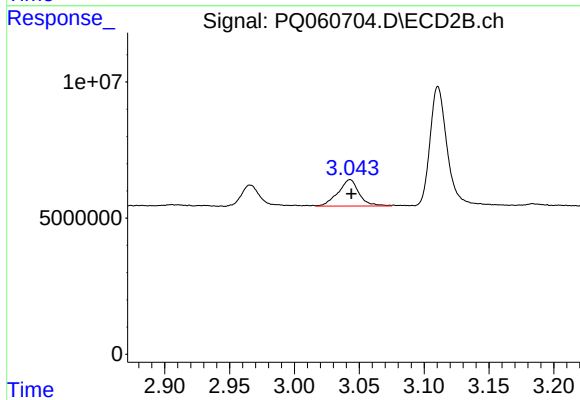
R.T.: 2.966 min
Delta R.T.: -0.002 min
Response: 7731595
Conc: 158.82 ng/ml



#9 AR-1221-2

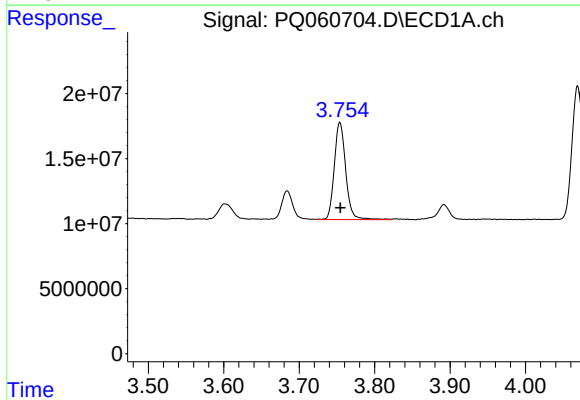
R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 22066310
Conc: 293.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



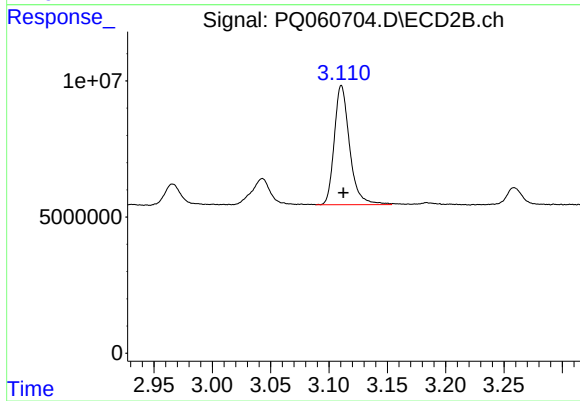
#9 AR-1221-2

R.T.: 3.043 min
Delta R.T.: -0.001 min
Response: 10874949
Conc: 292.75 ng/ml



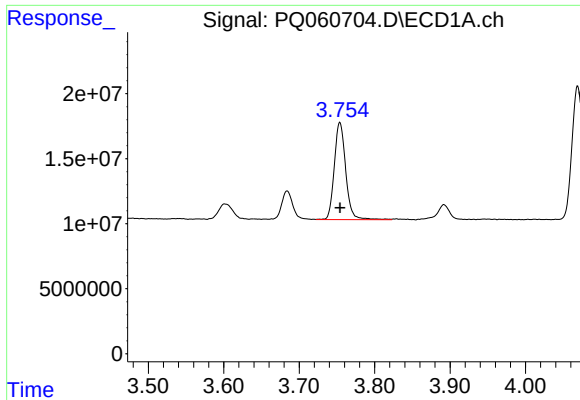
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 78808892
Conc: 354.26 ng/ml



#10 AR-1221-3

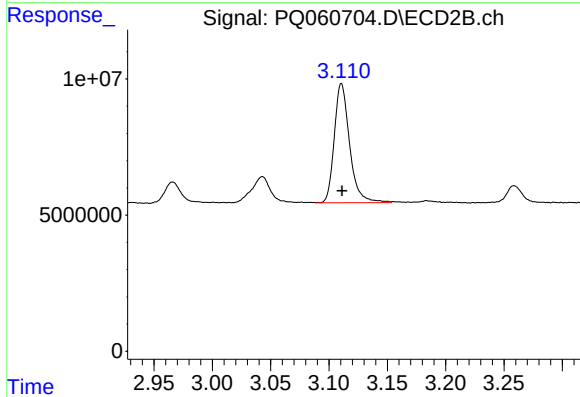
R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 40032133
Conc: 352.38 ng/ml



#11 AR-1232-1

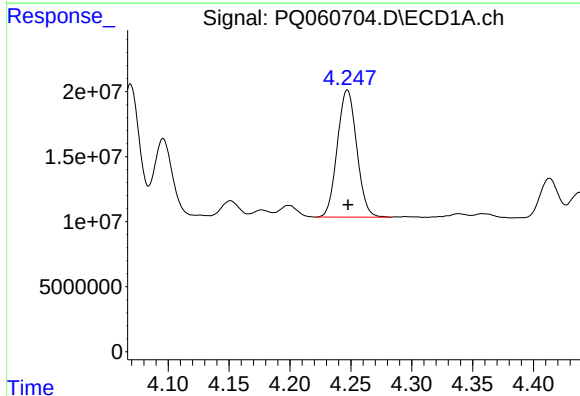
R.T.: 3.754 min
Delta R.T.: 0.000 min
Response: 78808892
Conc: 461.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



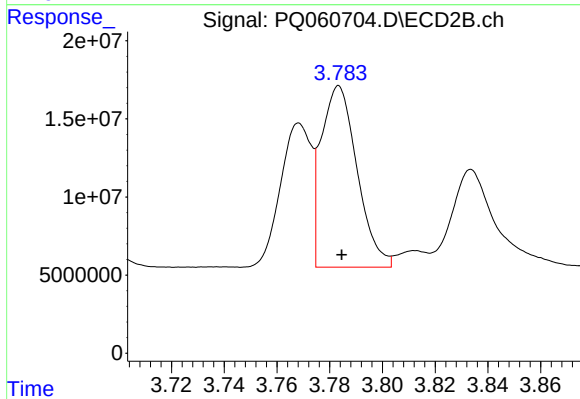
#11 AR-1232-1

R.T.: 3.111 min
Delta R.T.: 0.000 min
Response: 40032133
Conc: 462.50 ng/ml



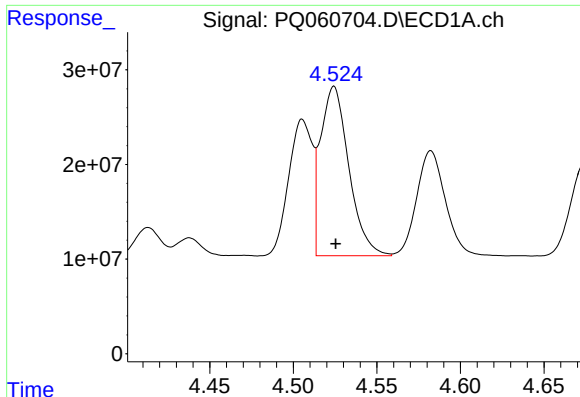
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 108324070
Conc: 1092.75 ng/ml



#12 AR-1232-2

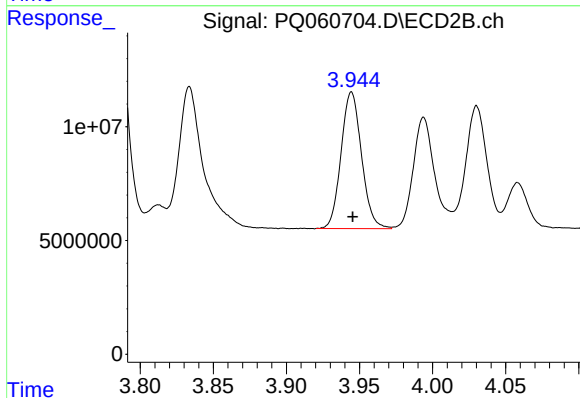
R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 110068196
Conc: 1158.32 ng/ml



#13 AR-1232-3

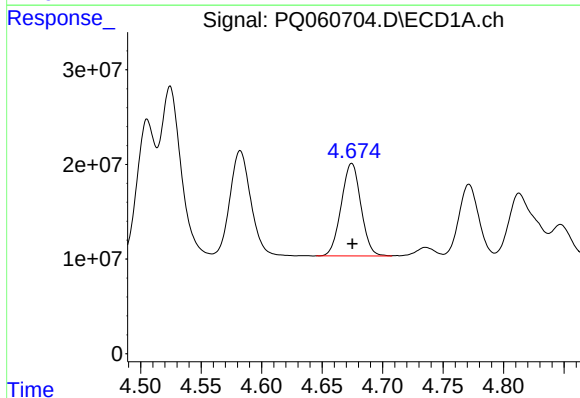
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 210888671
Conc: 1124.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



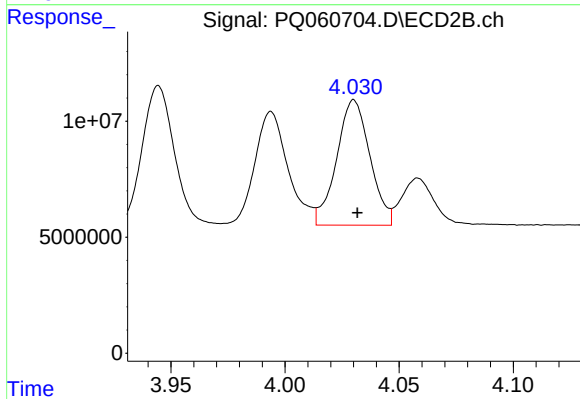
#13 AR-1232-3

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 58644077
Conc: 1175.28 ng/ml



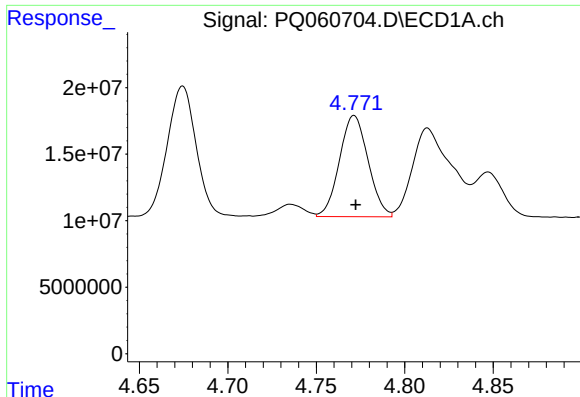
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 110950919
Conc: 1123.47 ng/ml



#14 AR-1232-4

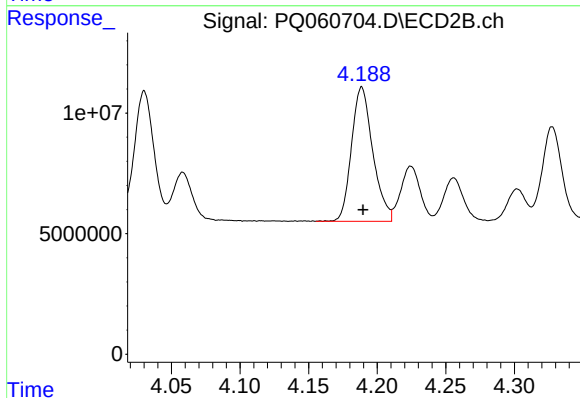
R.T.: 4.030 min
Delta R.T.: -0.001 min
Response: 54971271
Conc: 1290.88 ng/ml



#15 AR-1232-5

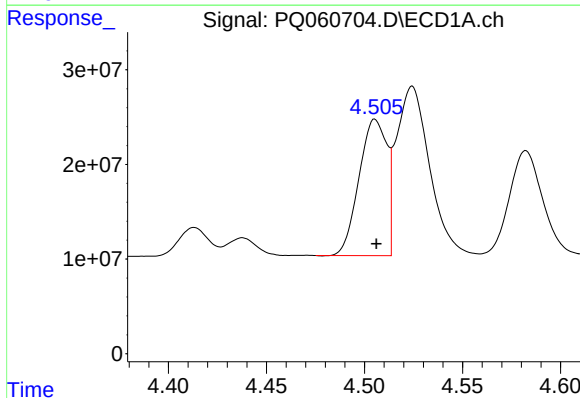
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 85692474
Conc: 1261.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



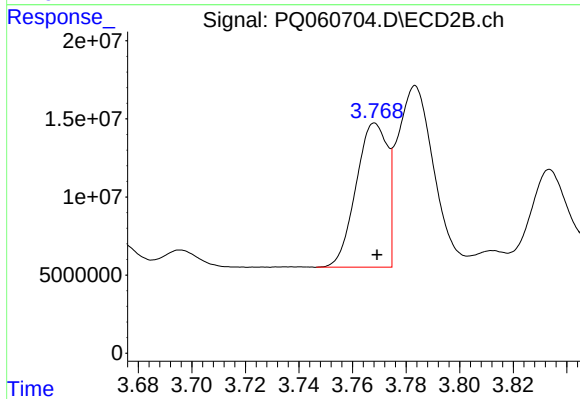
#15 AR-1232-5

R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 60318730
Conc: 1172.91 ng/ml



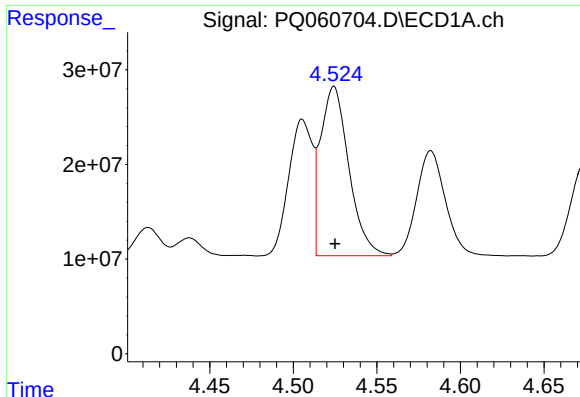
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 141947542
Conc: 670.17 ng/ml



#16 AR-1242-1

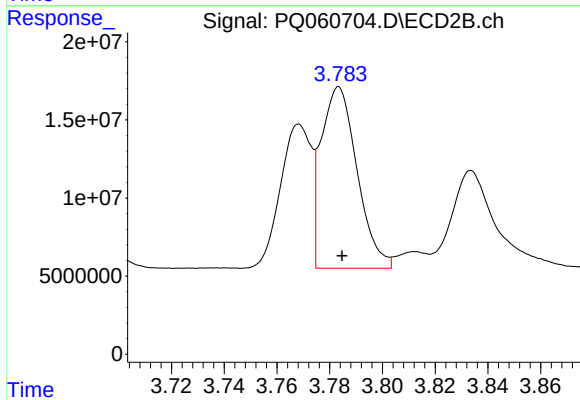
R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 74654465
Conc: 670.21 ng/ml



#17 AR-1242-2

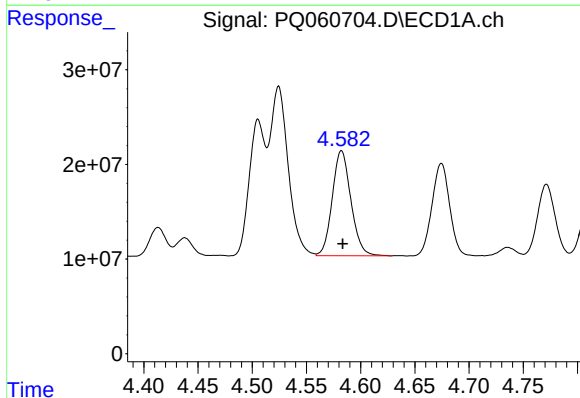
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 210888671
Conc: 669.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



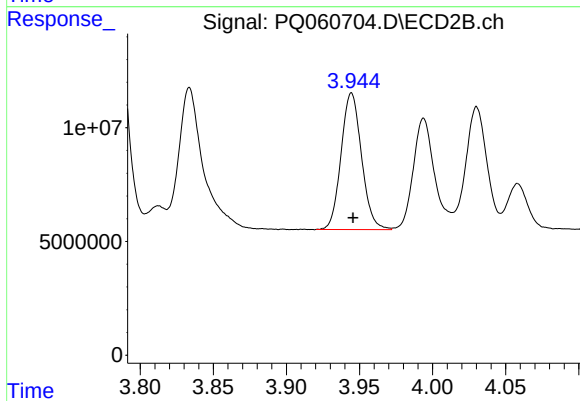
#17 AR-1242-2

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 110068196
Conc: 680.12 ng/ml



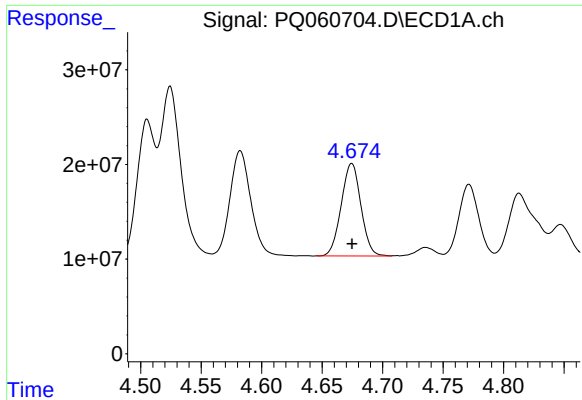
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: -0.001 min
Response: 132968952
Conc: 659.66 ng/ml



#18 AR-1242-3

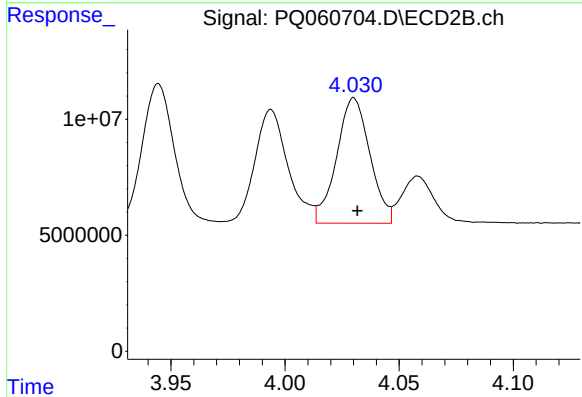
R.T.: 3.945 min
Delta R.T.: -0.001 min
Response: 58644077
Conc: 693.37 ng/ml



#19 AR-1242-4

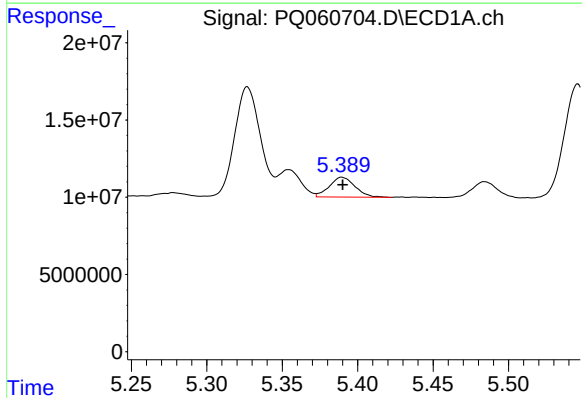
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 110950919
Conc: 648.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



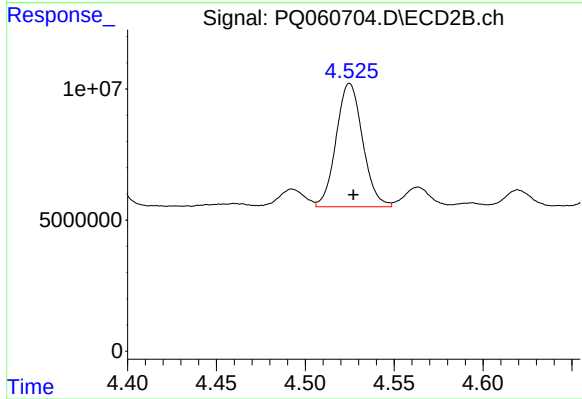
#19 AR-1242-4

R.T.: 4.030 min
Delta R.T.: -0.001 min
Response: 54971271
Conc: 663.89 ng/ml



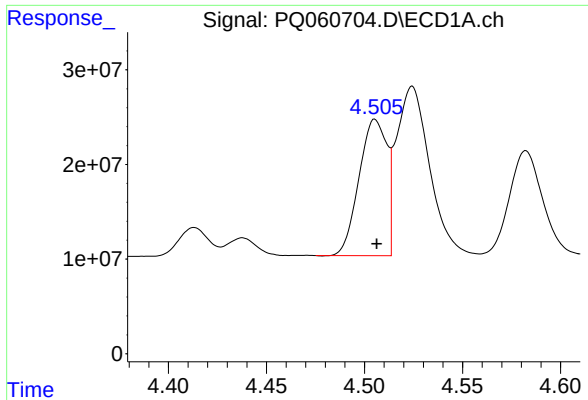
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 15237342
Conc: 89.99 ng/ml



#20 AR-1242-5

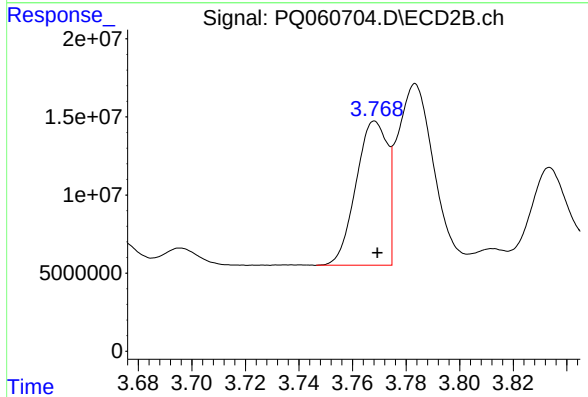
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 48901826
Conc: 428.71 ng/ml



#21 AR-1248-1

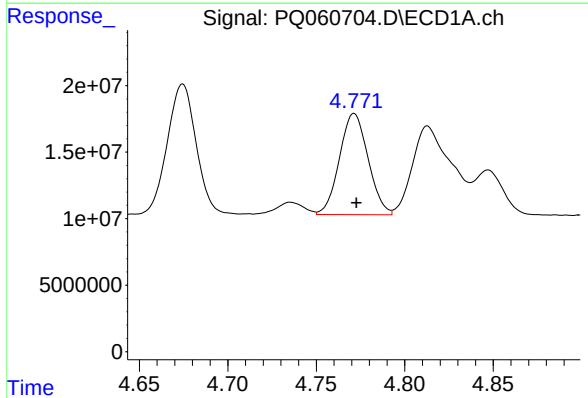
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 141947542
Conc: 840.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



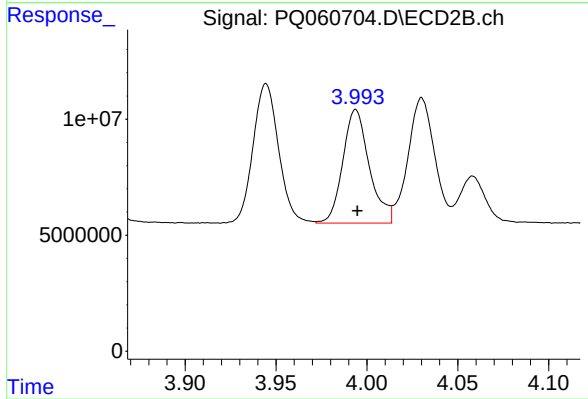
#21 AR-1248-1

R.T.: 3.768 min
Delta R.T.: 0.000 min
Response: 74654465
Conc: 846.37 ng/ml



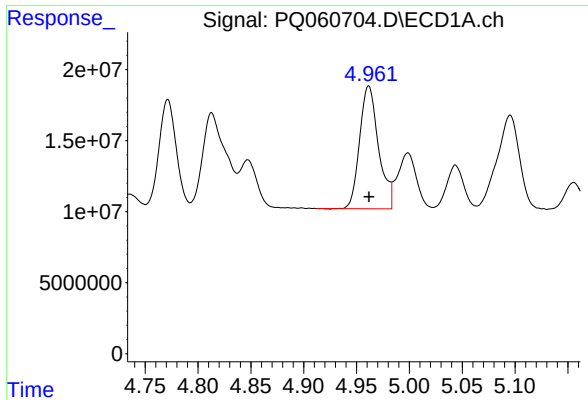
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: -0.001 min
Response: 85692474
Conc: 374.38 ng/ml



#22 AR-1248-2

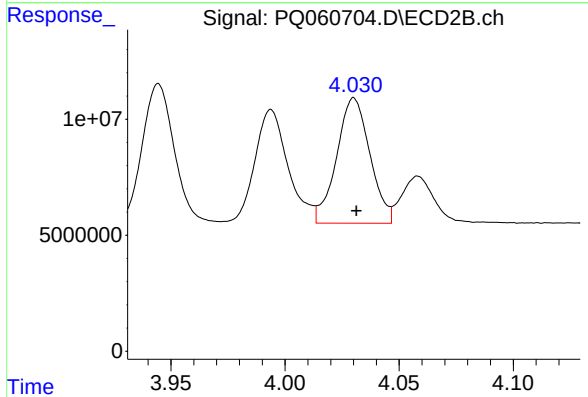
R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 49764359
Conc: 381.72 ng/ml



#23 AR-1248-3

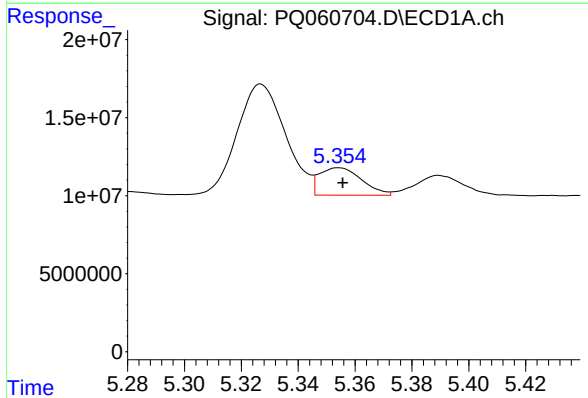
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 107625327
Conc: 384.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



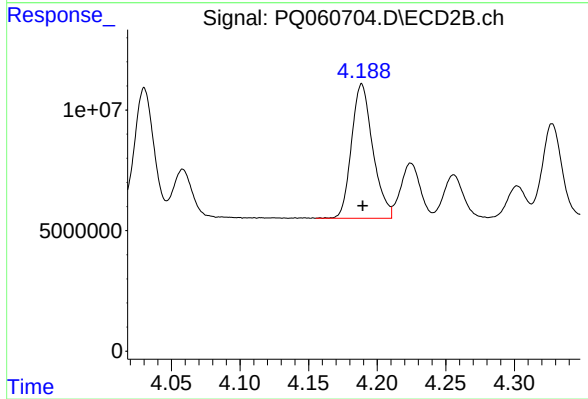
#23 AR-1248-3

R.T.: 4.030 min
Delta R.T.: -0.001 min
Response: 54971271
Conc: 437.86 ng/ml



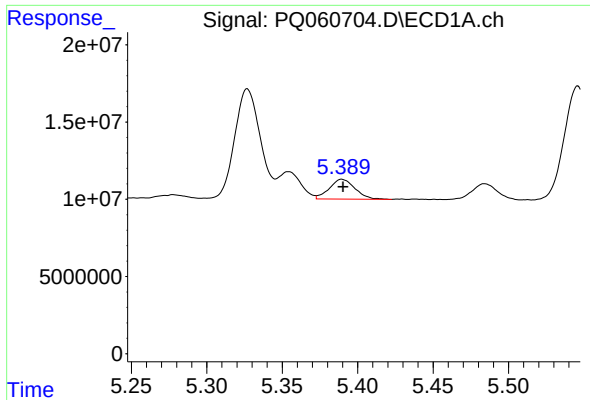
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: -0.001 min
Response: 18237558
Conc: 58.58 ng/ml



#24 AR-1248-4

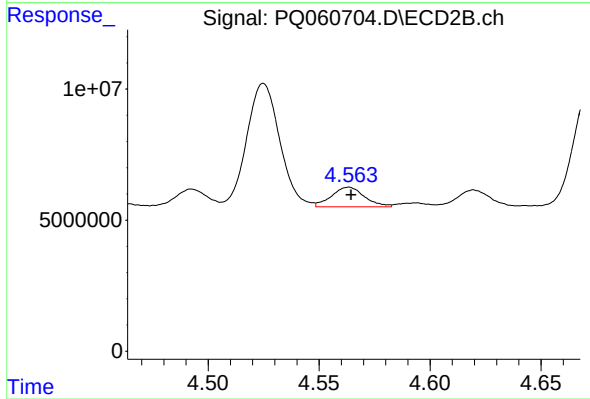
R.T.: 4.189 min
Delta R.T.: 0.000 min
Response: 60318730
Conc: 387.17 ng/ml



#25 AR-1248-5

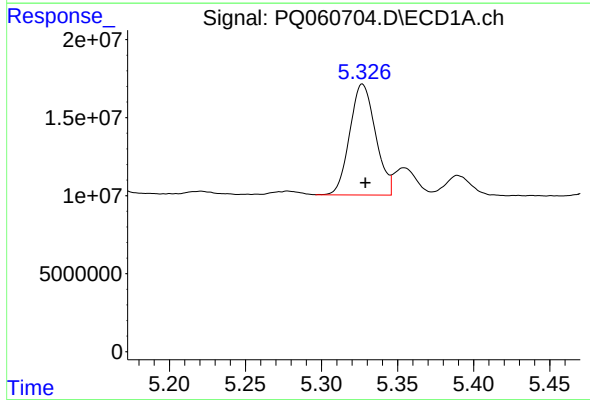
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 15237342
Conc: 50.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



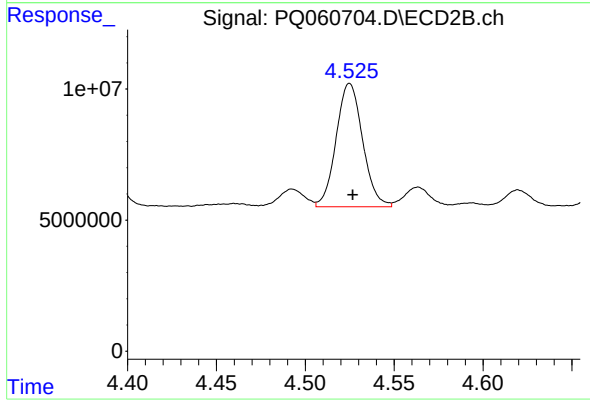
#25 AR-1248-5

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 7779710
Conc: 50.72 ng/ml



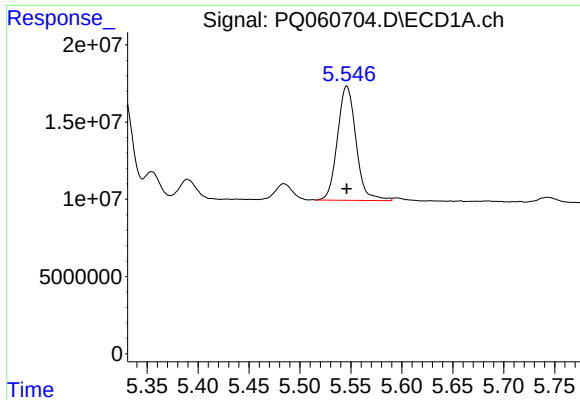
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 84107637
Conc: 264.24 ng/ml



#26 AR-1254-1

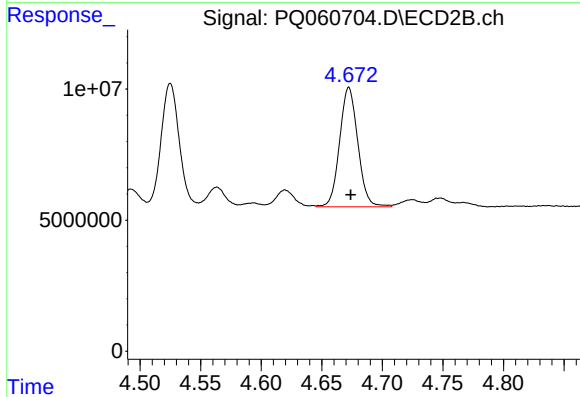
R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 48901826
Conc: 210.69 ng/ml



#27 AR-1254-2

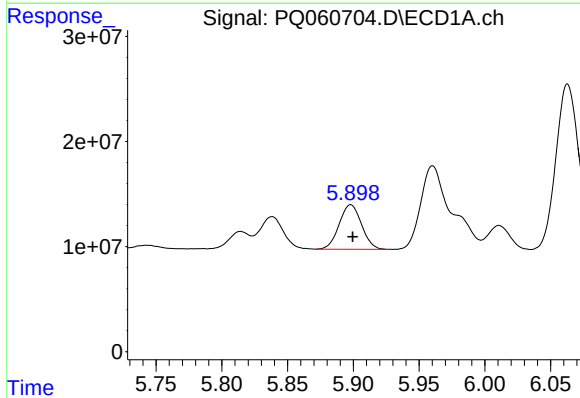
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 93818328
Conc: 190.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



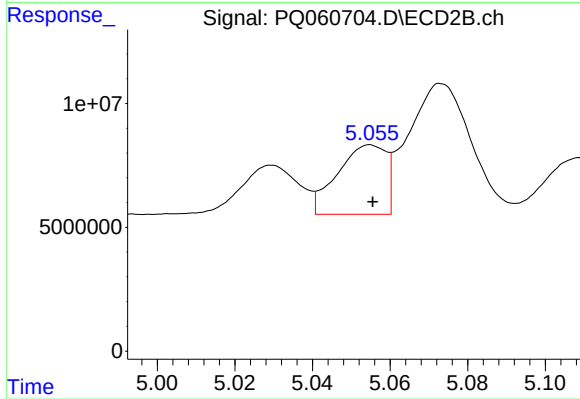
#27 AR-1254-2

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 47723101
Conc: 227.35 ng/ml



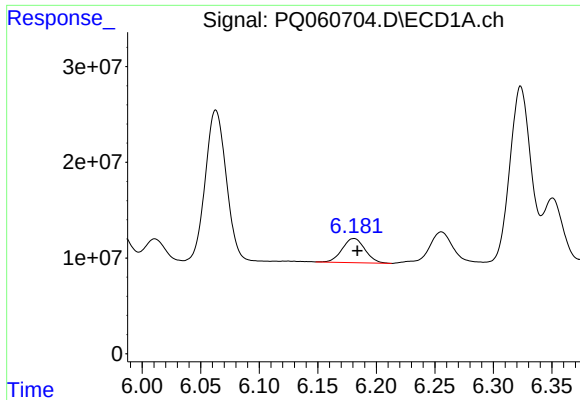
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 50177088
Conc: 99.25 ng/ml



#28 AR-1254-3

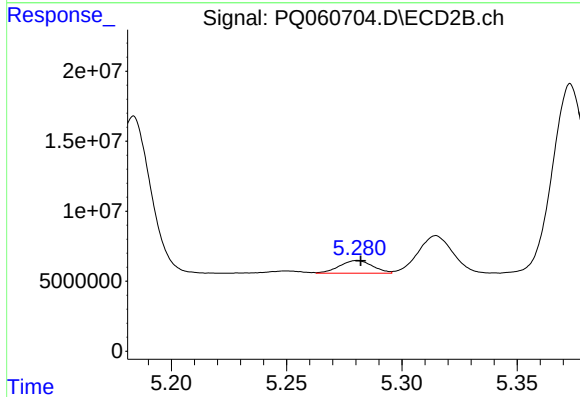
R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 24345556
Conc: 73.75 ng/ml



#29 AR-1254-4

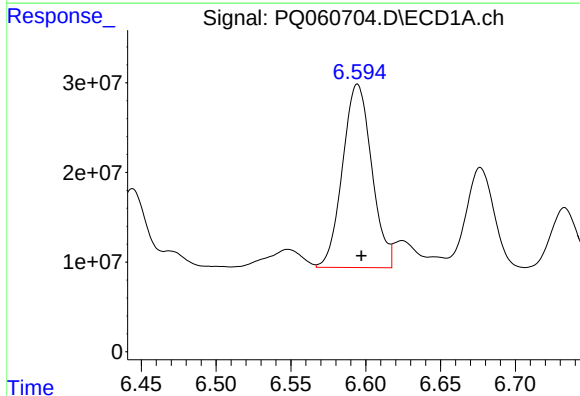
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 34511027
Conc: 92.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



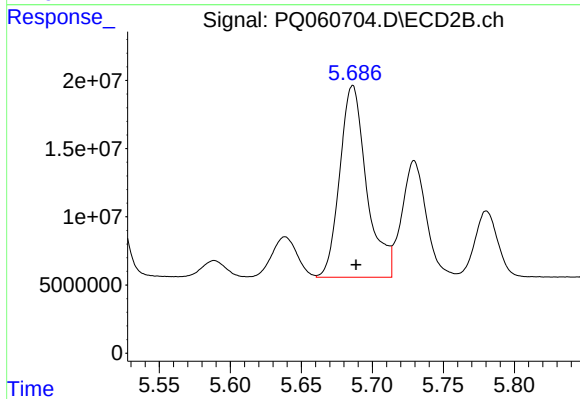
#29 AR-1254-4

R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 9064123
Conc: 43.30 ng/ml



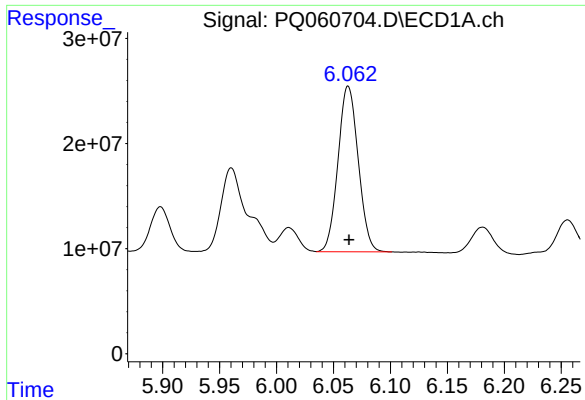
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.003 min
Response: 277611557
Conc: 656.51 ng/ml



#30 AR-1254-5

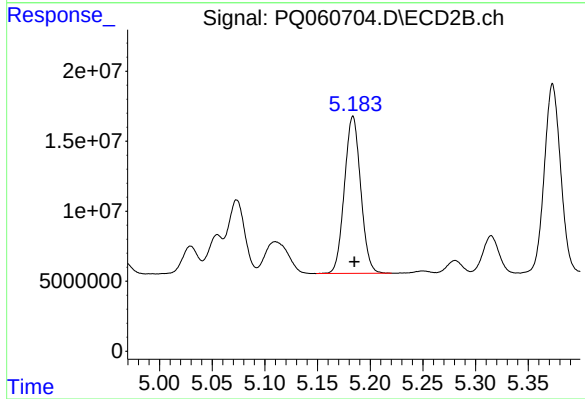
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 185129902
Conc: 566.05 ng/ml



#31 AR-1260-1

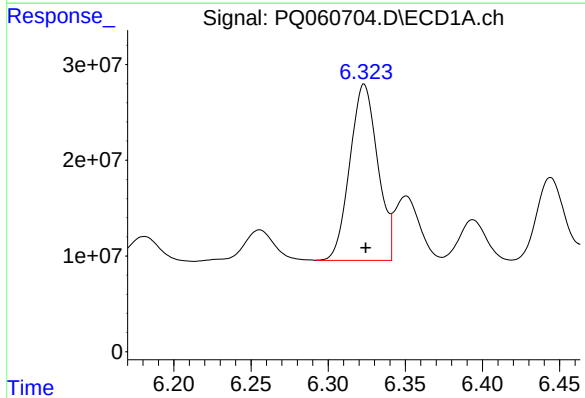
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 194814110
Conc: 506.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



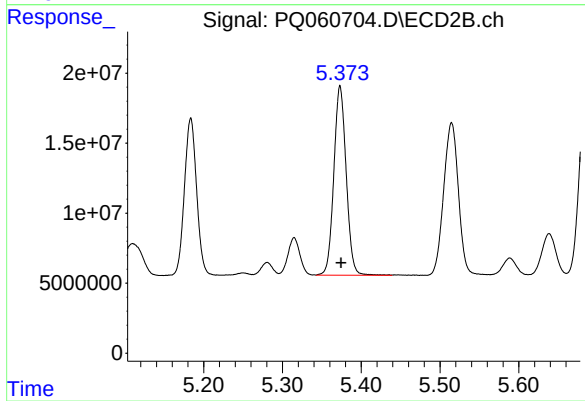
#31 AR-1260-1

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 120469203
Conc: 520.02 ng/ml



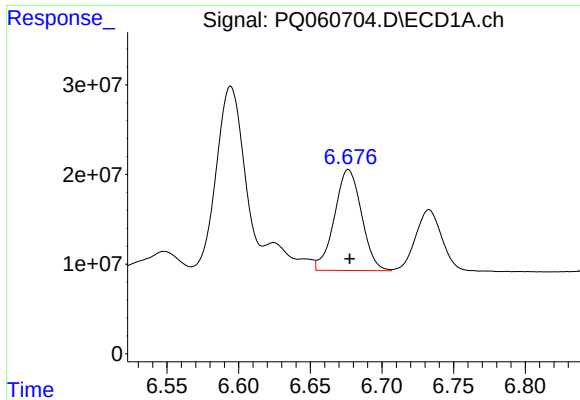
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 231218491
Conc: 504.84 ng/ml



#32 AR-1260-2

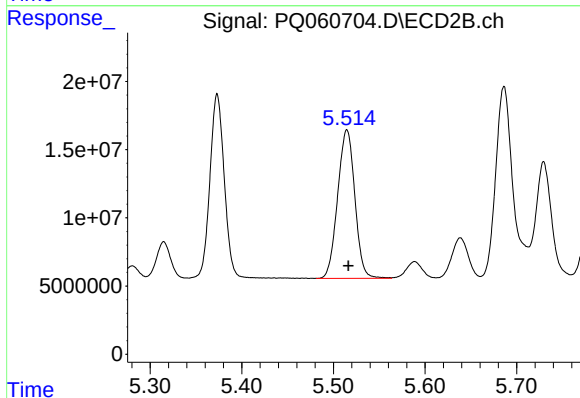
R.T.: 5.373 min
Delta R.T.: -0.001 min
Response: 147204132
Conc: 513.67 ng/ml



#33 AR-1260-3

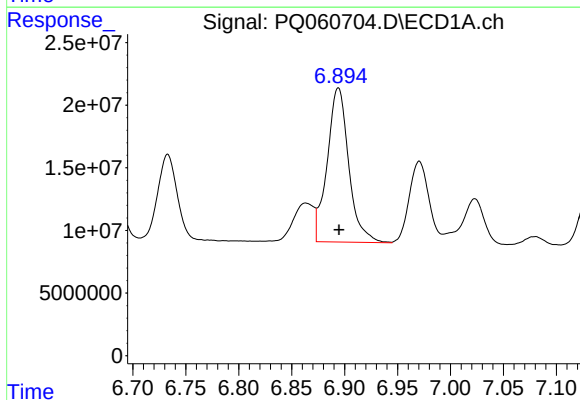
R.T.: 6.677 min
Delta R.T.: -0.001 min
Response: 148209157
Conc: 511.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



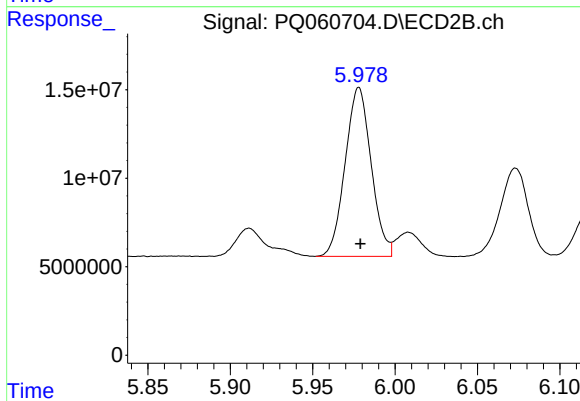
#33 AR-1260-3

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 142031514
Conc: 521.07 ng/ml



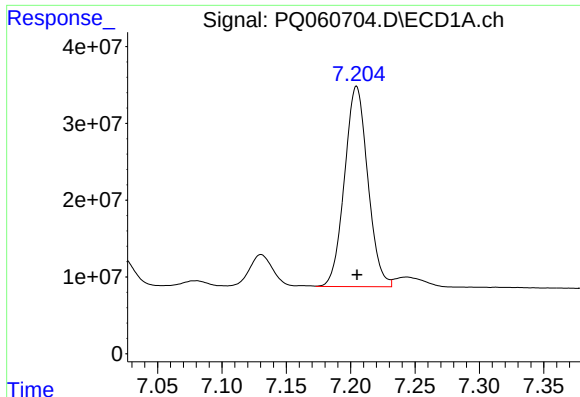
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 173911802
Conc: 505.05 ng/ml



#34 AR-1260-4

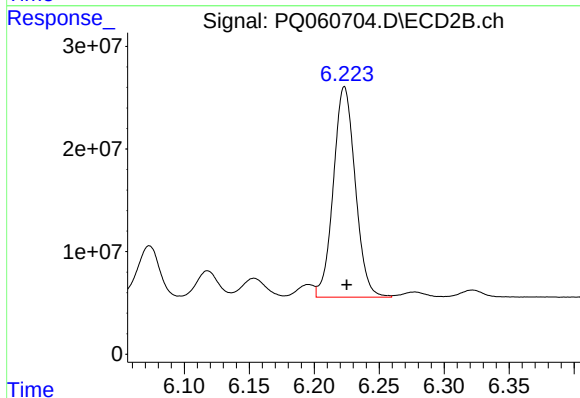
R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 104947337
Conc: 518.98 ng/ml



#35 AR-1260-5

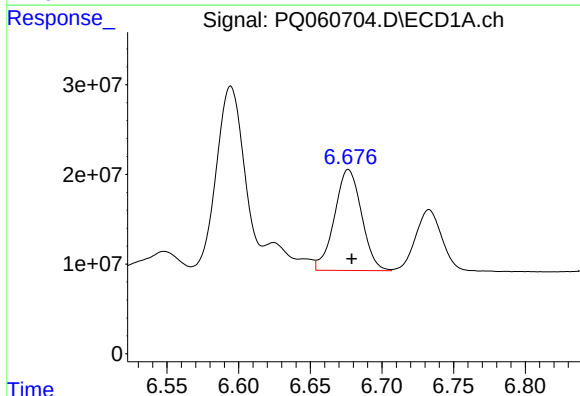
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 328001646
Conc: 501.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



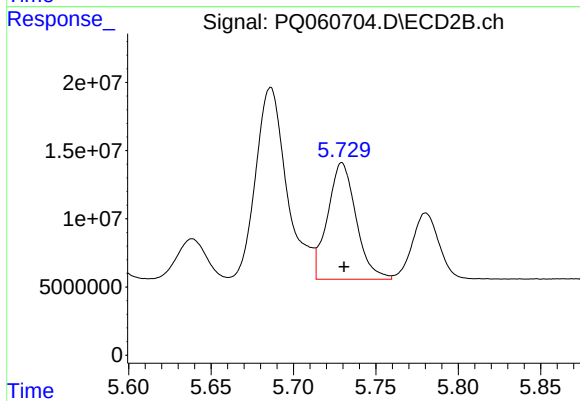
#35 AR-1260-5

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 240601342
Conc: 519.95 ng/ml



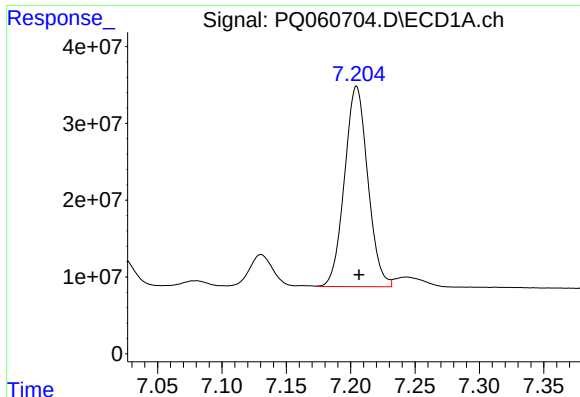
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 148209157
Conc: 311.40 ng/ml



#36 AR-1262-1

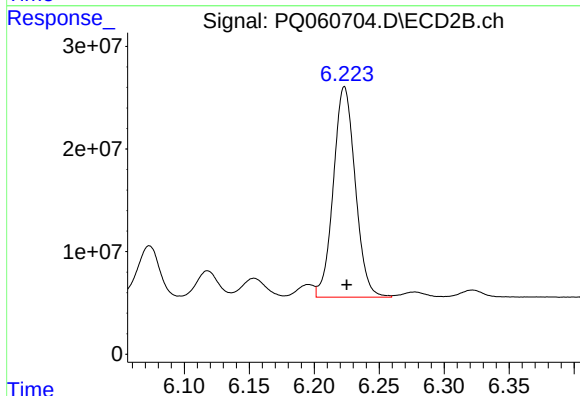
R.T.: 5.729 min
Delta R.T.: -0.001 min
Response: 102609907
Conc: 323.04 ng/ml



#37 AR-1262-2

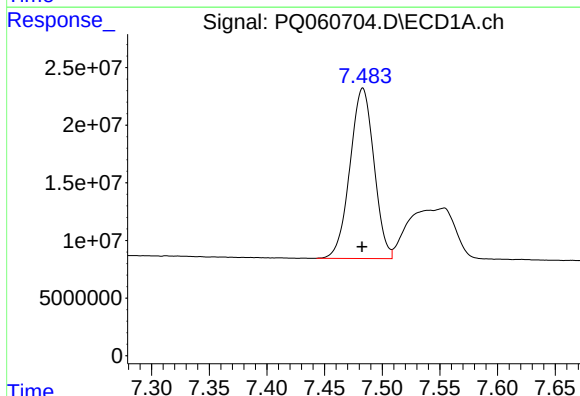
R.T.: 7.205 min
Delta R.T.: -0.002 min
Response: 328001646
Conc: 419.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



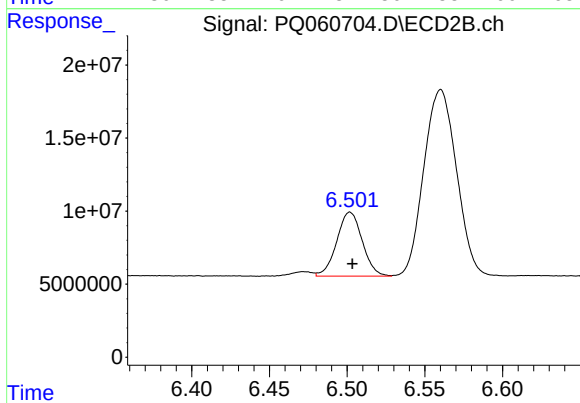
#37 AR-1262-2

R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 240601342
Conc: 412.72 ng/ml



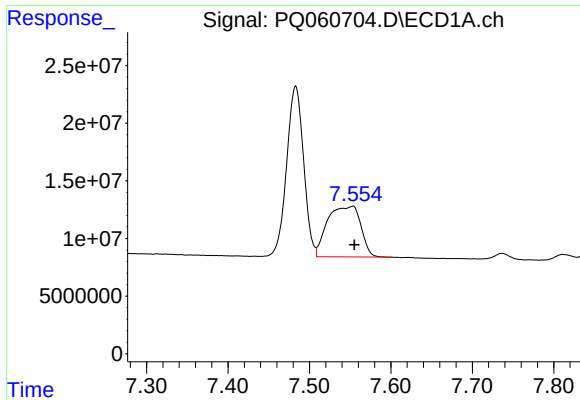
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 213828117
Conc: 406.29 ng/ml



#38 AR-1262-3

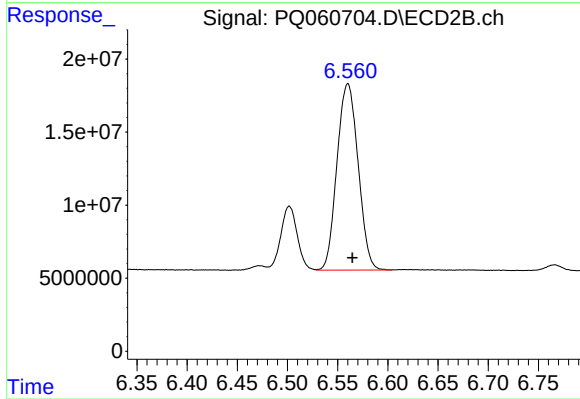
R.T.: 6.502 min
Delta R.T.: -0.001 min
Response: 50028287
Conc: 210.38 ng/ml



#39 AR-1262-4

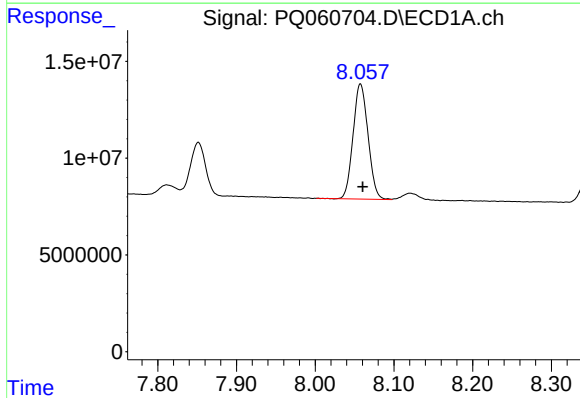
R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 124551898
Conc: 302.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



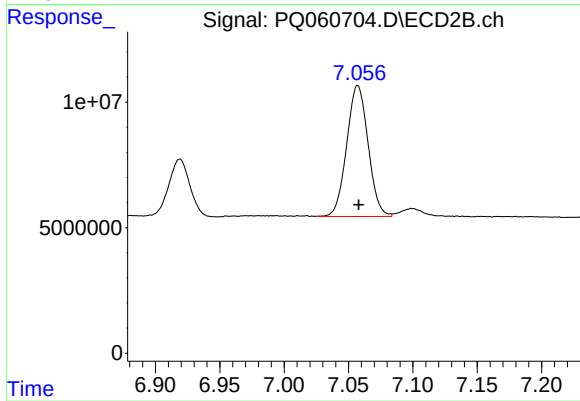
#39 AR-1262-4

R.T.: 6.560 min
Delta R.T.: -0.004 min
Response: 186966657
Conc: 422.80 ng/ml



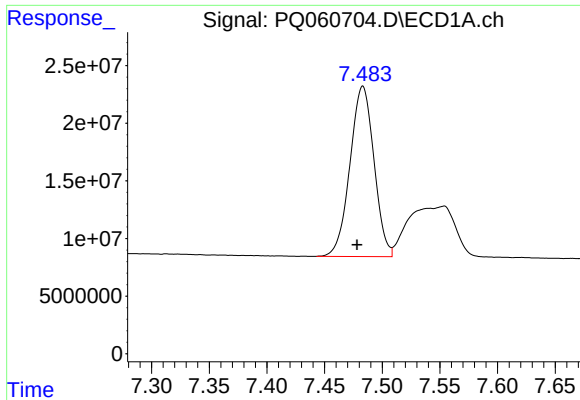
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.003 min
Response: 78742896
Conc: 291.09 ng/ml



#40 AR-1262-5

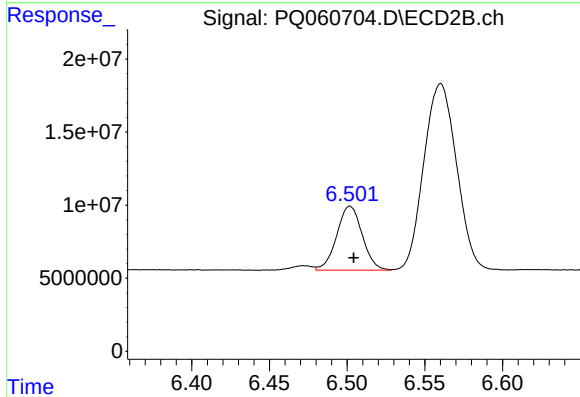
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 60433388
Conc: 285.69 ng/ml



#41 AR-1268-1

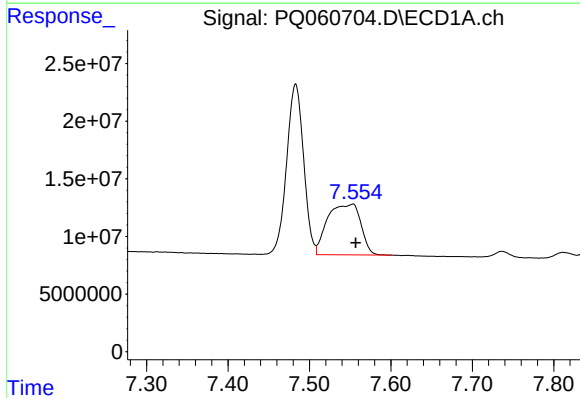
R.T.: 7.483 min
Delta R.T.: 0.005 min
Response: 213828117
Conc: 245.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



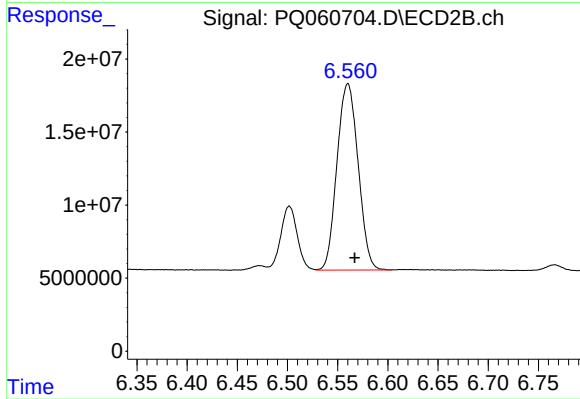
#41 AR-1268-1

R.T.: 6.502 min
Delta R.T.: -0.002 min
Response: 50028287
Conc: 74.41 ng/ml



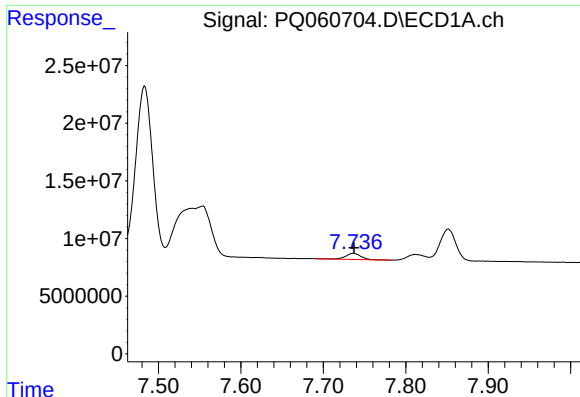
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 124551898
Conc: 157.17 ng/ml



#42 AR-1268-2

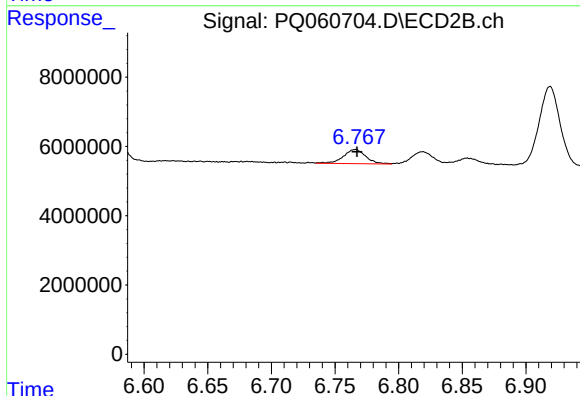
R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 186966657
Conc: 302.46 ng/ml



#43 AR-1268-3

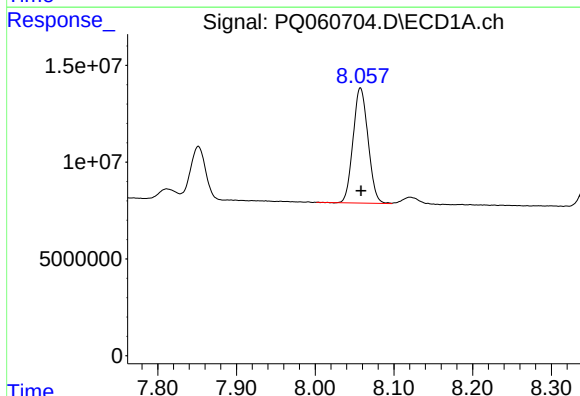
R.T.: 7.736 min
Delta R.T.: -0.001 min
Response: 6814791
Conc: 10.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



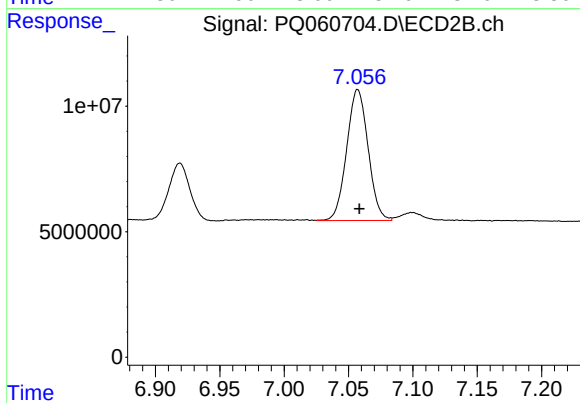
#43 AR-1268-3

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 5045987
Conc: 9.31 ng/ml



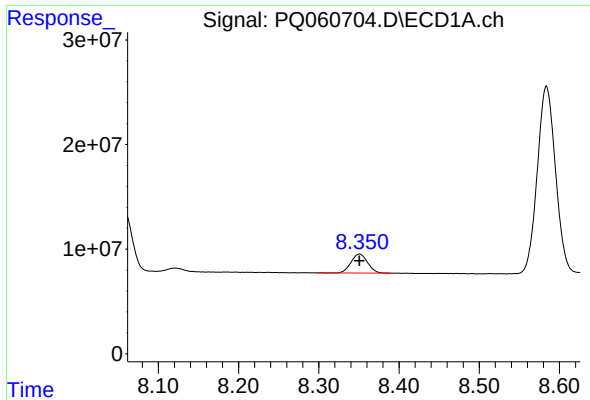
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 78742896
Conc: 267.02 ng/ml



#44 AR-1268-4

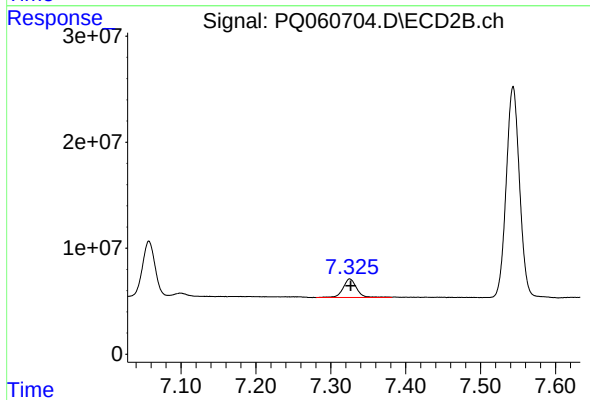
R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 60433388
Conc: 259.17 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 26062238
Conc: 13.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.325 min
Delta R.T.: -0.001 min
Response: 22457517
Conc: 12.85 ng/ml