

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 20:51
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:31:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.405	2.759	250.2E6	144.7E6	51.290	57.651
2)	SA Decachlor...	8.584	7.527	171.2E6	177.7E6	47.140	53.342
Target Compounds							
3)	L1 AR-1016-1	4.505	3.760	83272520	53394600	505.546	539.473
4)	L1 AR-1016-2	4.524	3.775	123.6E6	78798645	499.724	546.458
5)	L1 AR-1016-3	4.582	3.935	75895778	42167339	497.985	558.932
6)	L1 AR-1016-4	4.673	3.984	62595937	36946261	499.388	562.527
7)	L1 AR-1016-5	4.960	4.178	61782756	45056980	507.594	549.599
8)	L2 AR-1221-1	3.601	2.960	8773871	5582869	145.969	169.196
9)	L2 AR-1221-2	3.683	3.036	12030509	8300877	267.745	326.805
10)	L2 AR-1221-3	3.753	3.105	47056978	29119240	334.882	377.726
11)	L3 AR-1232-1	3.753	3.105	47056978	29119240	445.610	508.201
12)	L3 AR-1232-2	4.246	3.775	62994475	78798645	1064.975	1183.964
13)	L3 AR-1232-3	4.524	3.935	123.6E6	42167339	1092.724	1220.297
14)	L3 AR-1232-4	4.673	4.021	62595937	40365447	1104.639	1357.286
15)	L3 AR-1232-5	4.771	4.178	49621186	45056980	1238.981	1263.486
16)	L4 AR-1242-1	4.505	3.760	83272520	53394600	637.107	690.396
17)	L4 AR-1242-2	4.524	3.775	123.6E6	78798645	636.483	708.884
18)	L4 AR-1242-3	4.582	3.935	75895778	42167339	628.047	719.873
19)	L4 AR-1242-4	4.673	4.021	62595937	40365447	642.103	688.499
20)	L4 AR-1242-5	5.394	4.515	3104156	37080425	32.426	447.331 #
21)	L5 AR-1248-1	4.505	3.760	83272520	53394600	800.862	854.035
22)	L5 AR-1248-2	4.771	3.984	49621186	36946261	345.402	394.015
23)	L5 AR-1248-3	4.960	4.021	61782756	40365447	355.660	445.812 #
24)	L5 AR-1248-4	5.354	4.178	10469623	45056980	54.549	399.302 #
25)	L5 AR-1248-5	5.394	4.552	3104156	6608729	17.138	58.989 #
26)	L6 AR-1254-1	5.327	4.515	51329877	37080425	276.232	229.653
27)	L6 AR-1254-2	5.545	4.661	54042399	37249784	185.896	253.013 #
28)	L6 AR-1254-3	5.897	5.043	30847575	19008509	100.435	81.337
29)	L6 AR-1254-4	6.180	5.269	27915834	7609281	120.227	49.925 #
30)	L6 AR-1254-5	6.595	5.674	170.6E6	138.3E6	664.265	599.211
31)	L7 AR-1260-1	6.063	5.171	119.2E6	91301703	505.190	548.183
32)	L7 AR-1260-2	6.323	5.361	150.9E6	111.7E6	522.396	537.398
33)	L7 AR-1260-3	6.676	5.502	88101391	104.2E6	498.942	535.792
34)	L7 AR-1260-4	6.893	5.964	108.8E6	79437347	516.552	544.608
35)	L7 AR-1260-5	7.205	6.211	206.2E6	179.2E6	502.085	539.584
36)	L8 AR-1262-1	6.676	5.717	88101391	78182591	288.912	336.310
37)	L8 AR-1262-2	7.205	5.964	206.2E6	79437347	391.409	367.413
38)	L8 AR-1262-3	7.484	6.488	130.3E6	38386925	369.734	220.200 #
39)	L8 AR-1262-4	7.554	6.546	31864438	140.0E6	119.468	434.319 #
40)	L8 AR-1262-5	8.059	7.044	45687599	45971113	257.382	296.368
41)	L9 AR-1268-1	7.484	6.488	130.3E6	38386925	229.539	81.581 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071723\
 Data File : PQ062301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jul 2023 20:51
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

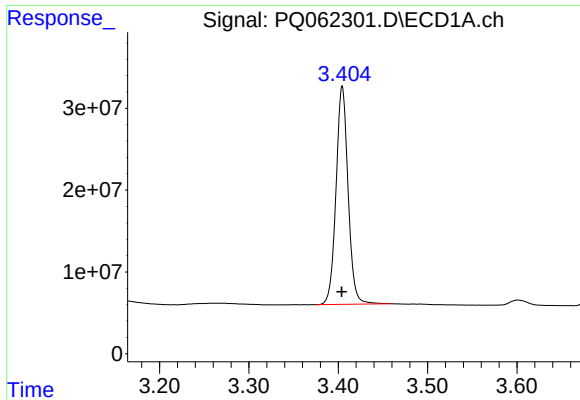
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 02:31:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
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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	7.554	6.546	31864438	140.0E6	62.495	330.370 #
43) L9	AR-1268-3	7.737	6.750	3497239	4039845	8.195	10.968 #
44) L9	AR-1268-4	8.059	7.044	45687599	45971113	249.679	287.434
45) L9	AR-1268-5	8.351	7.311	15203874	17230517	12.059	14.765

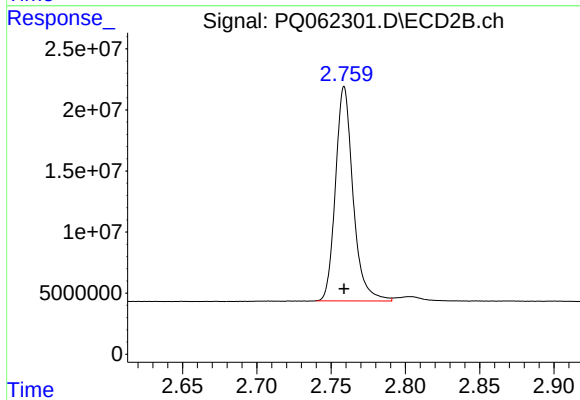
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

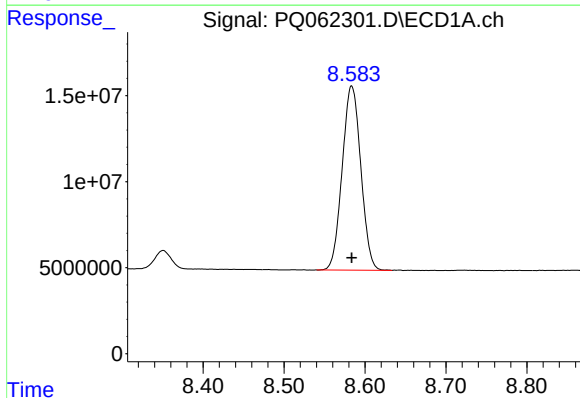
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 250200453
Conc: 51.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



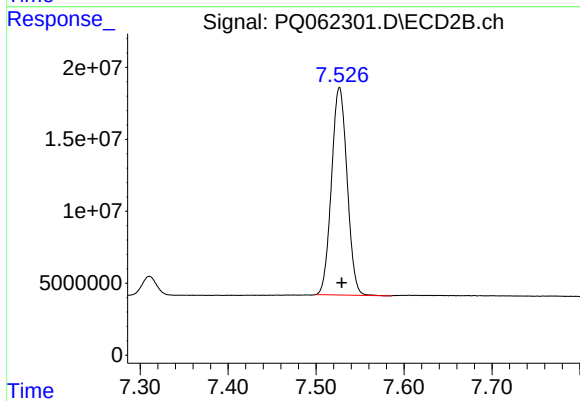
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 144651452
Conc: 57.65 ng/ml



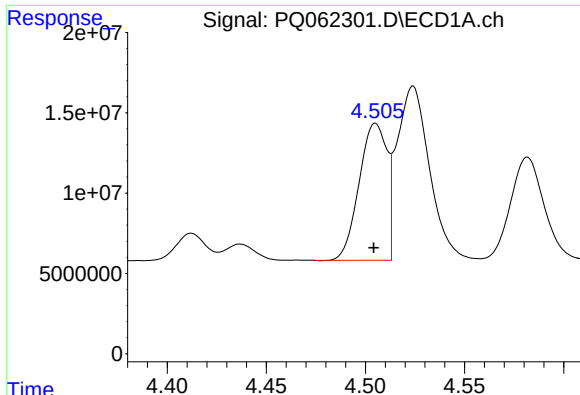
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 171248068
Conc: 47.14 ng/ml



#2 Decachlorobiphenyl

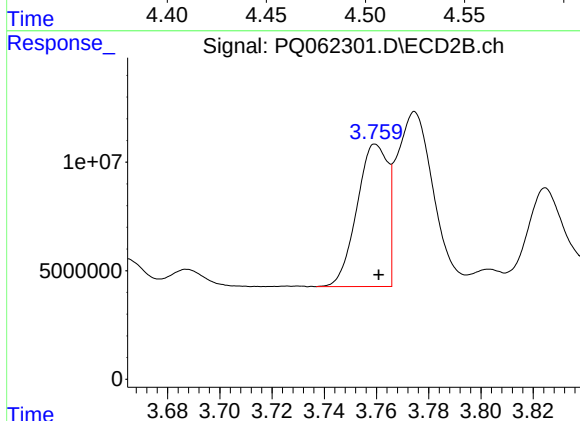
R.T.: 7.527 min
Delta R.T.: -0.003 min
Response: 177744282
Conc: 53.34 ng/ml



#3 AR-1016-1

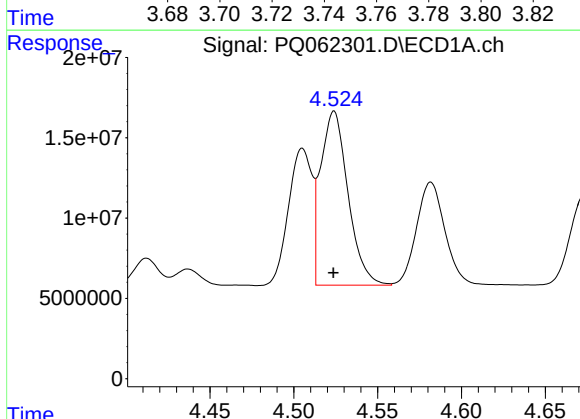
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83272520
Conc: 505.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



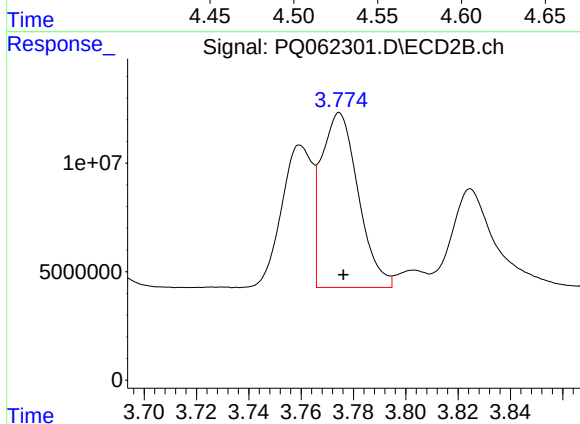
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.001 min
Response: 53394600
Conc: 539.47 ng/ml



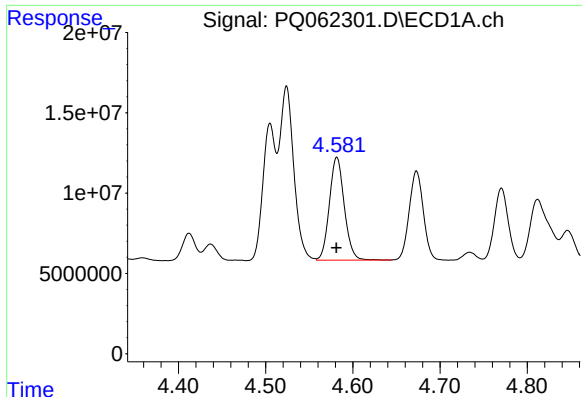
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123565824
Conc: 499.72 ng/ml



#4 AR-1016-2

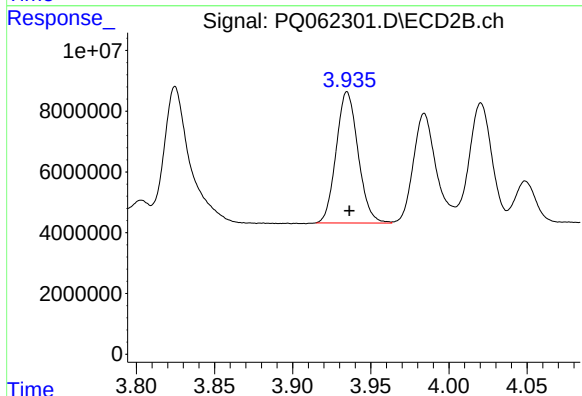
R.T.: 3.775 min
Delta R.T.: -0.002 min
Response: 78798645
Conc: 546.46 ng/ml



#5 AR-1016-3

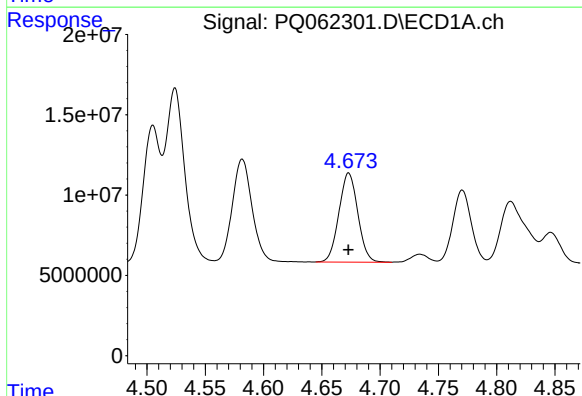
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 75895778
Conc: 497.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



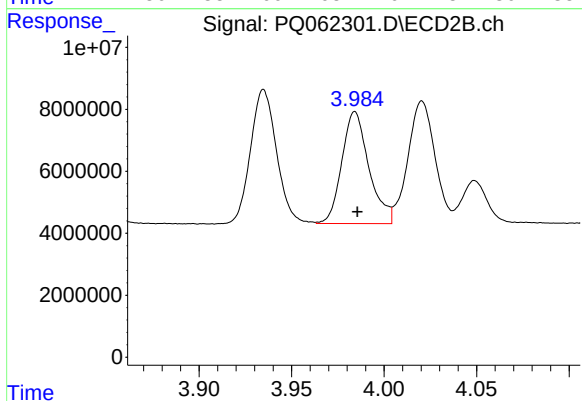
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 42167339
Conc: 558.93 ng/ml



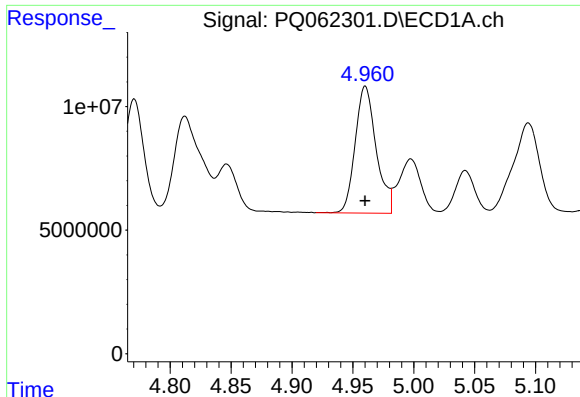
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 62595937
Conc: 499.39 ng/ml



#6 AR-1016-4

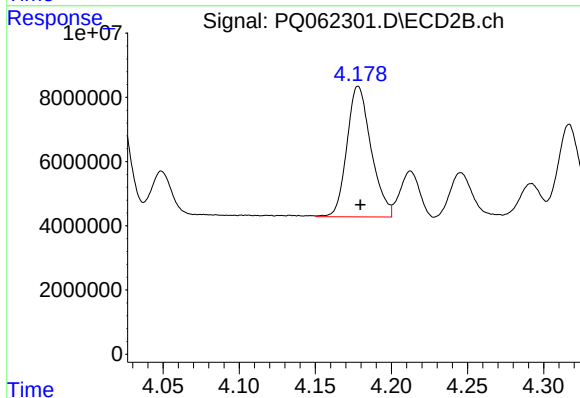
R.T.: 3.984 min
Delta R.T.: -0.001 min
Response: 36946261
Conc: 562.53 ng/ml



#7 AR-1016-5

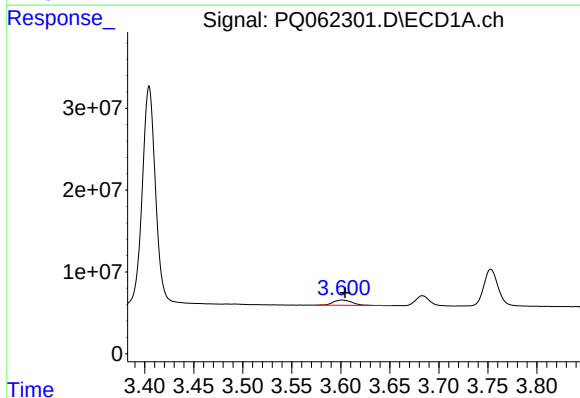
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61782756
Conc: 507.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



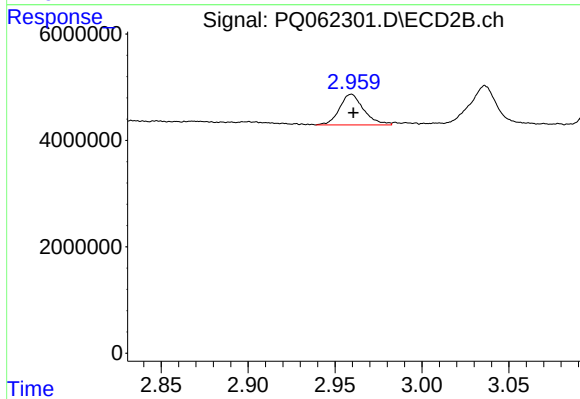
#7 AR-1016-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 45056980
Conc: 549.60 ng/ml



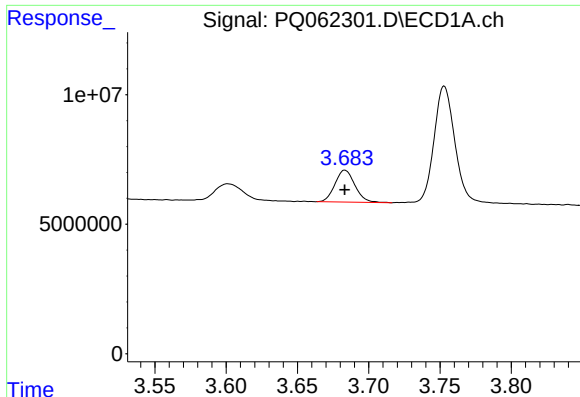
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8773871
Conc: 145.97 ng/ml



#8 AR-1221-1

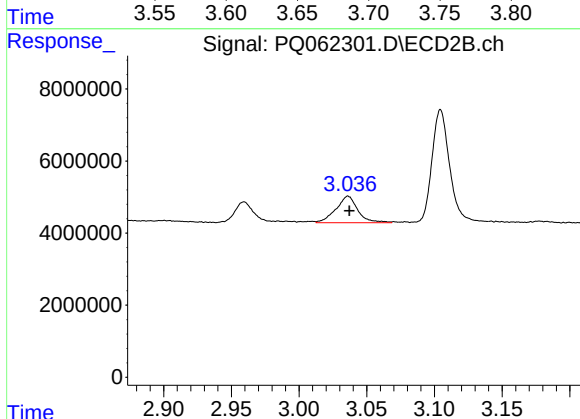
R.T.: 2.960 min
Delta R.T.: -0.001 min
Response: 5582869
Conc: 169.20 ng/ml



#9 AR-1221-2

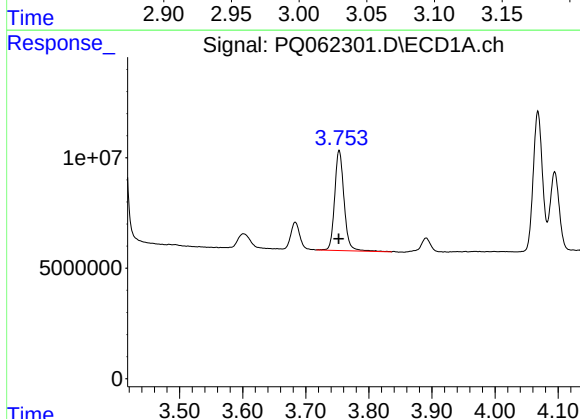
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 12030509
Conc: 267.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



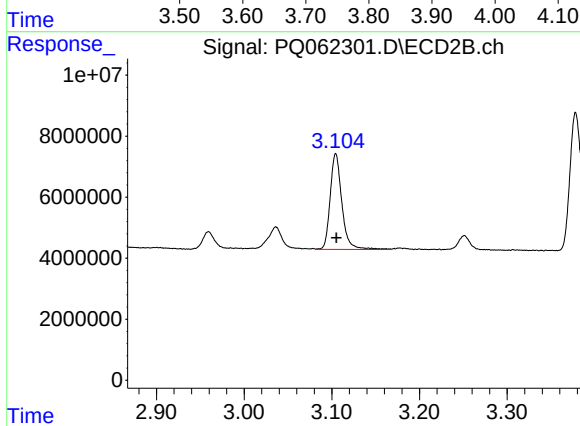
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: 0.000 min
Response: 8300877
Conc: 326.81 ng/ml



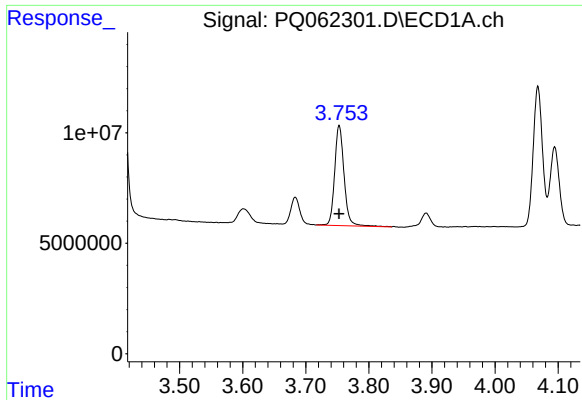
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47056978
Conc: 334.88 ng/ml



#10 AR-1221-3

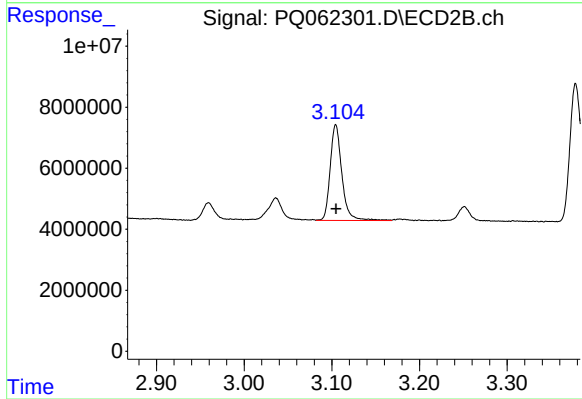
R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 29119240
Conc: 377.73 ng/ml



#11 AR-1232-1

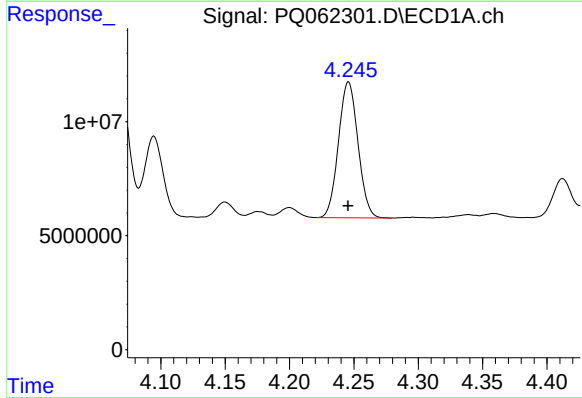
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 47056978
Conc: 445.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



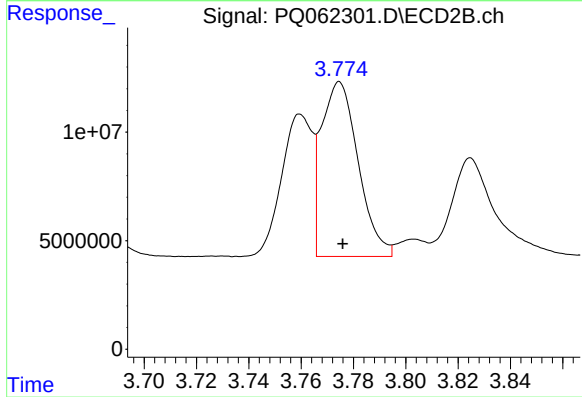
#11 AR-1232-1

R.T.: 3.105 min
Delta R.T.: 0.000 min
Response: 29119240
Conc: 508.20 ng/ml



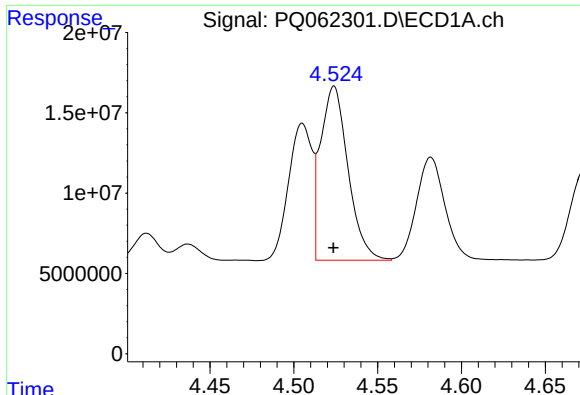
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 62994475
Conc: 1064.97 ng/ml



#12 AR-1232-2

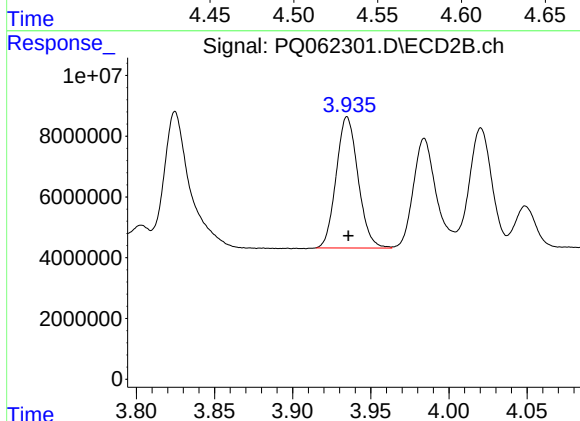
R.T.: 3.775 min
Delta R.T.: -0.001 min
Response: 78798645
Conc: 1183.96 ng/ml



#13 AR-1232-3

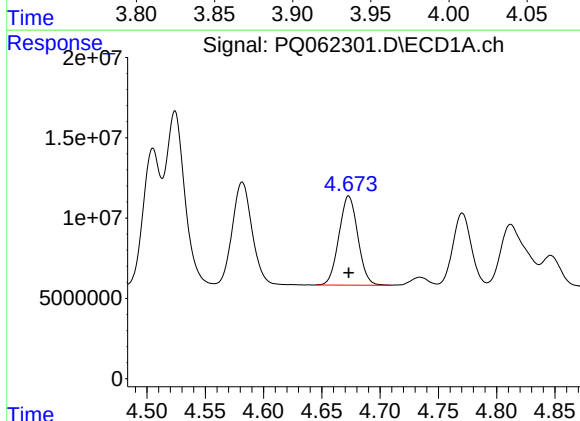
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123565824
Conc: 1092.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



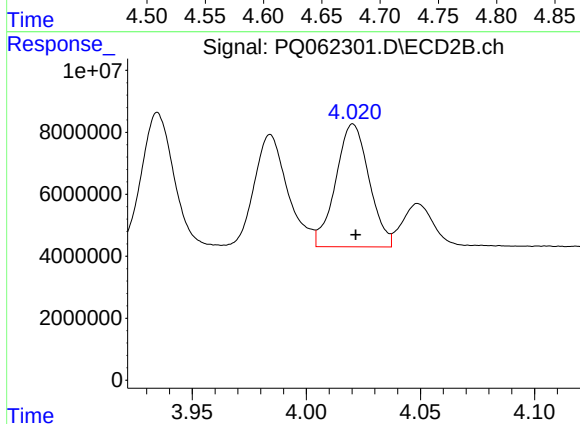
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 42167339
Conc: 1220.30 ng/ml



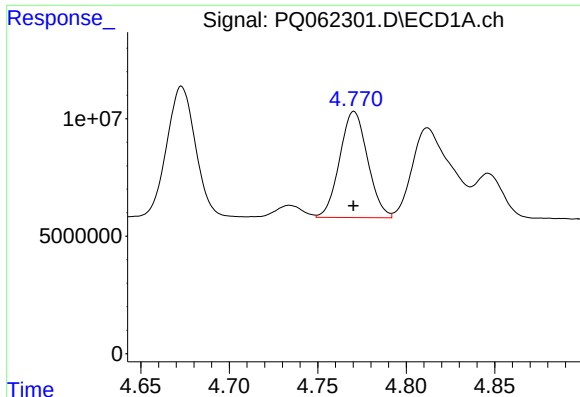
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 62595937
Conc: 1104.64 ng/ml



#14 AR-1232-4

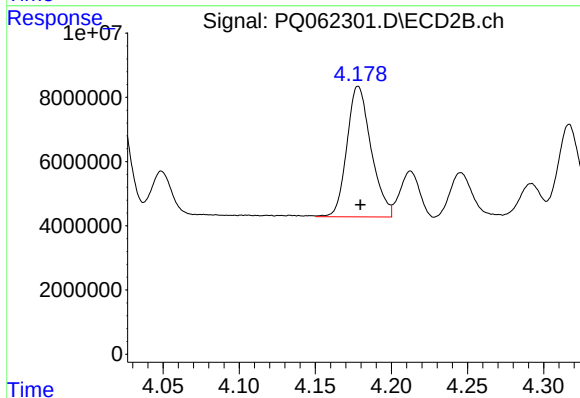
R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 40365447
Conc: 1357.29 ng/ml



#15 AR-1232-5

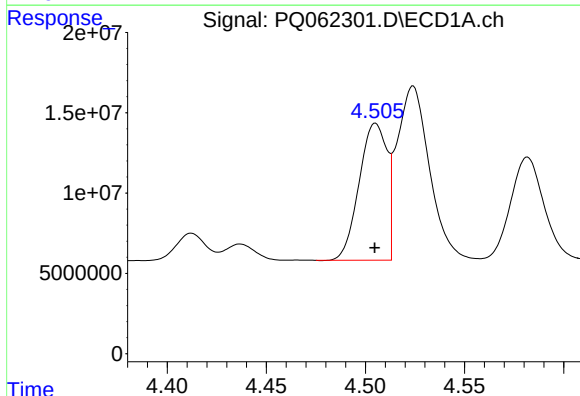
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49621186
Conc: 1238.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



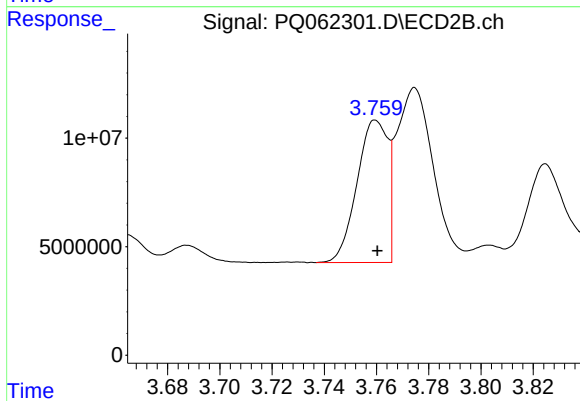
#15 AR-1232-5

R.T.: 4.178 min
Delta R.T.: -0.001 min
Response: 45056980
Conc: 1263.49 ng/ml



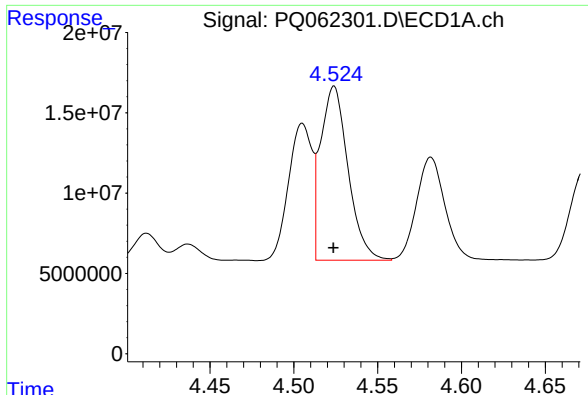
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83272520
Conc: 637.11 ng/ml



#16 AR-1242-1

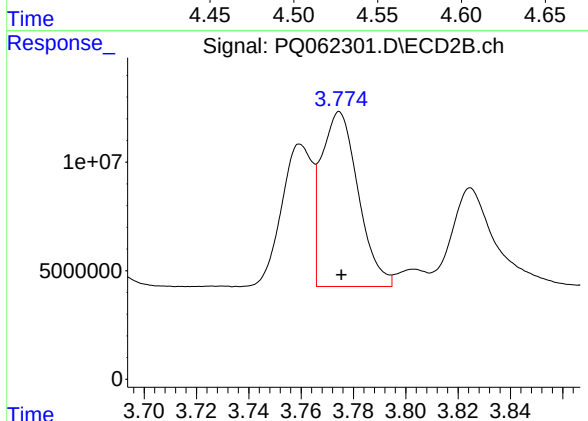
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 53394600
Conc: 690.40 ng/ml



#17 AR-1242-2

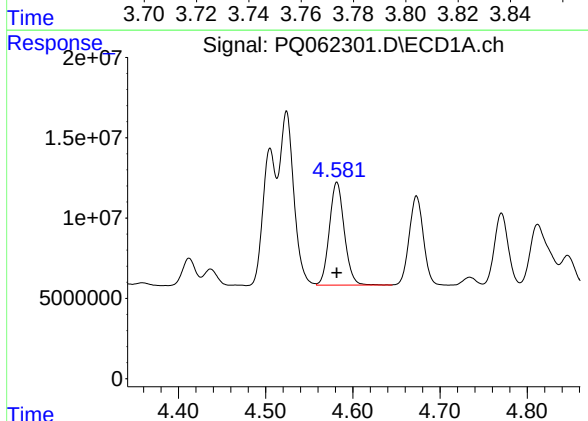
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 123565824
Conc: 636.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



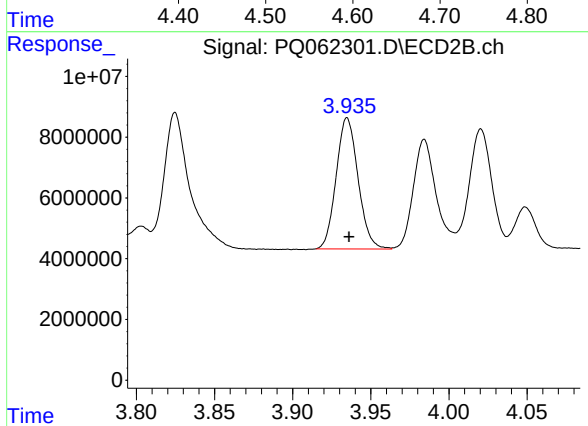
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 78798645
Conc: 708.88 ng/ml



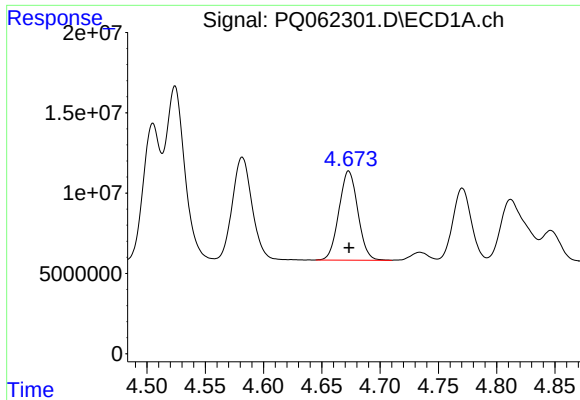
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 75895778
Conc: 628.05 ng/ml



#18 AR-1242-3

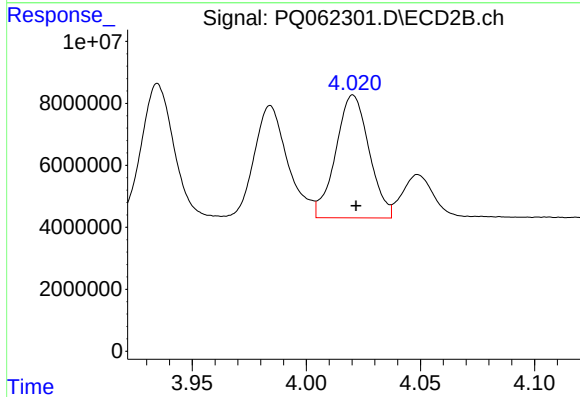
R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 42167339
Conc: 719.87 ng/ml



#19 AR-1242-4

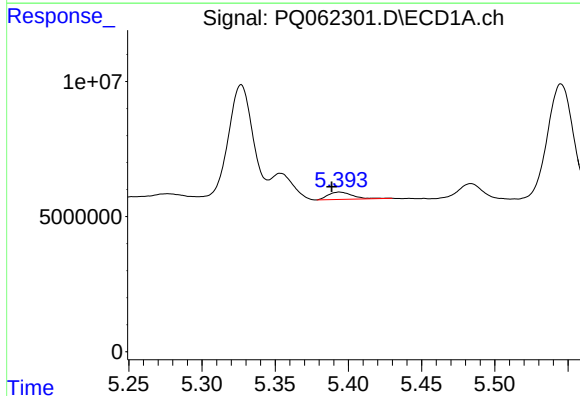
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 62595937
Conc: 642.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



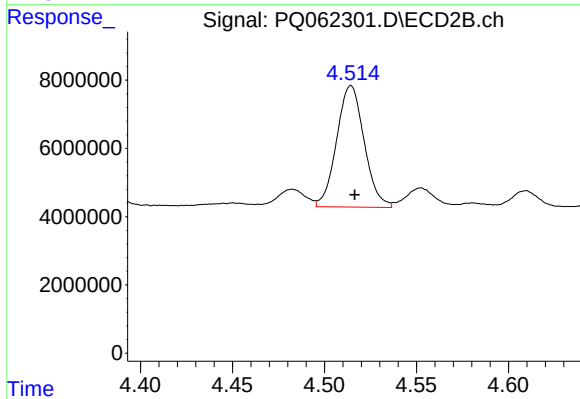
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 40365447
Conc: 688.50 ng/ml



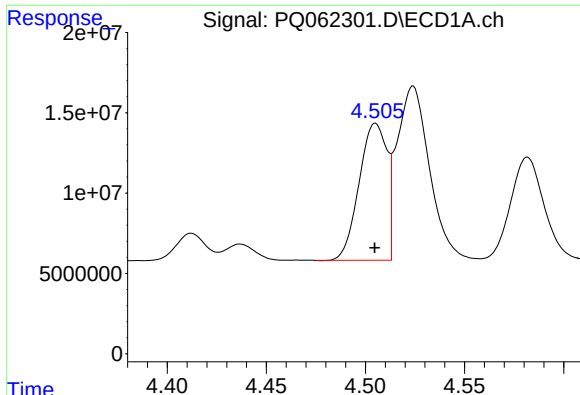
#20 AR-1242-5

R.T.: 5.394 min
Delta R.T.: 0.005 min
Response: 3104156
Conc: 32.43 ng/ml



#20 AR-1242-5

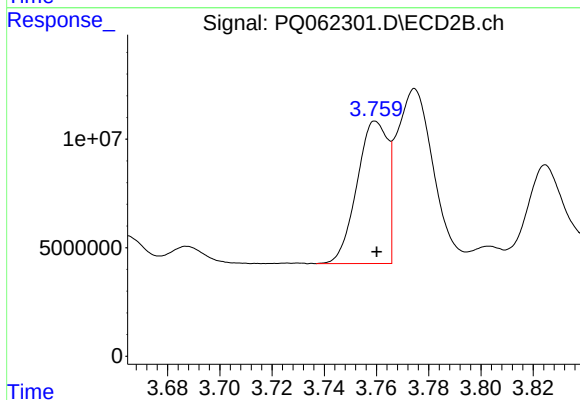
R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 37080425
Conc: 447.33 ng/ml



#21 AR-1248-1

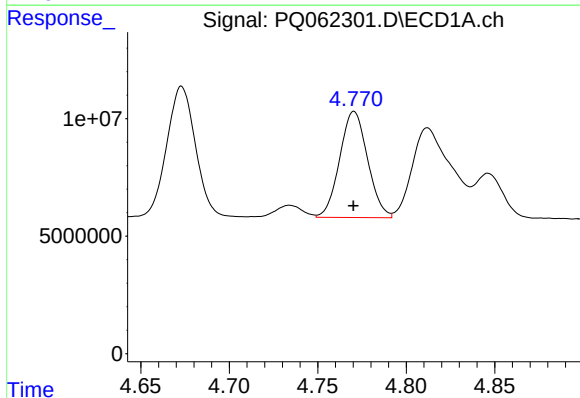
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 83272520
Conc: 800.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



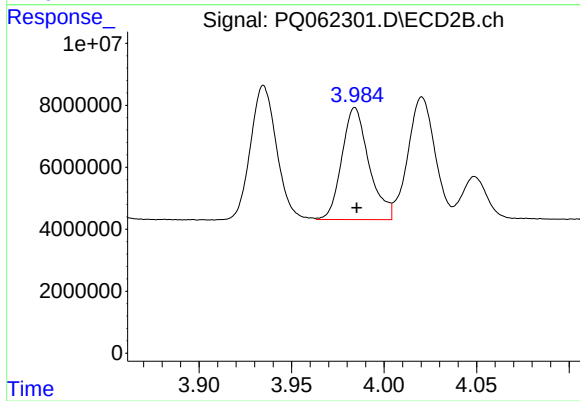
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 53394600
Conc: 854.04 ng/ml



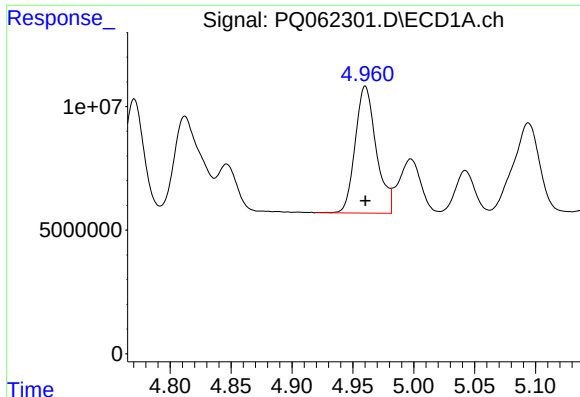
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 49621186
Conc: 345.40 ng/ml



#22 AR-1248-2

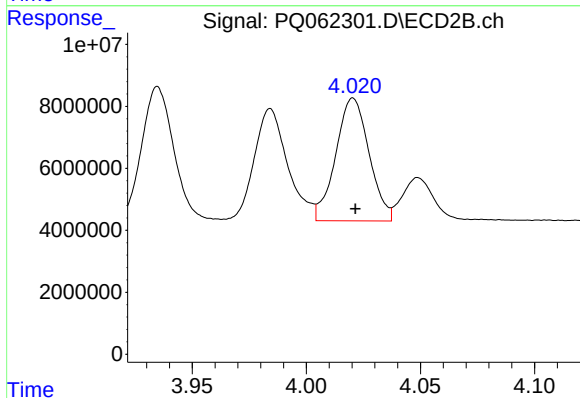
R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 36946261
Conc: 394.01 ng/ml



#23 AR-1248-3

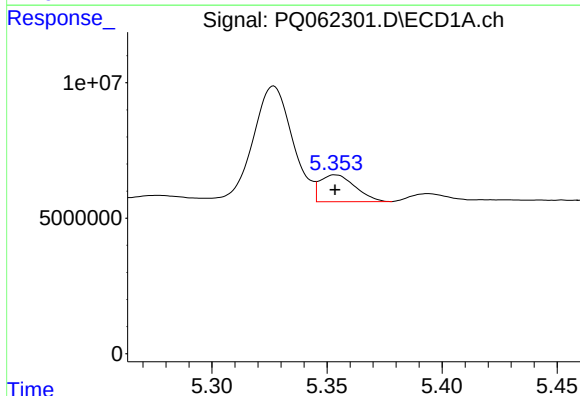
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 61782756
Conc: 355.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



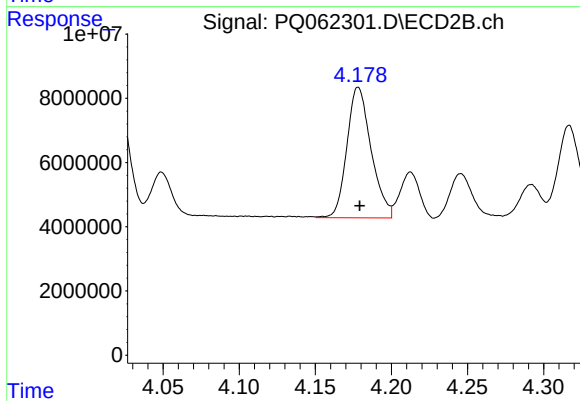
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 40365447
Conc: 445.81 ng/ml



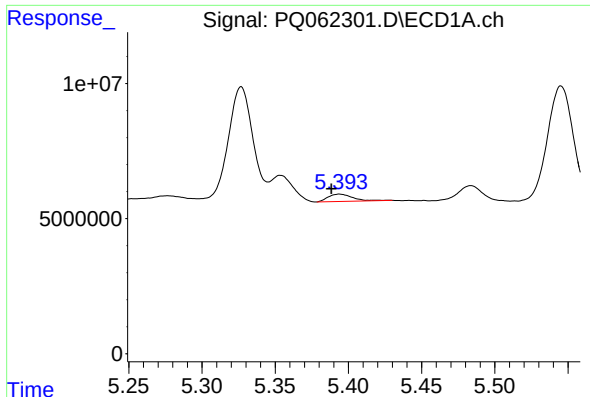
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 10469623
Conc: 54.55 ng/ml



#24 AR-1248-4

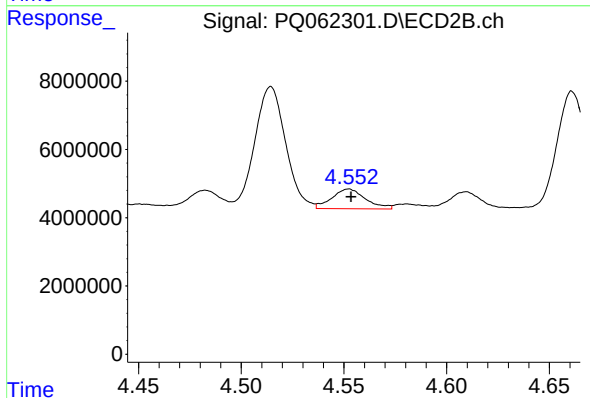
R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 45056980
Conc: 399.30 ng/ml



#25 AR-1248-5

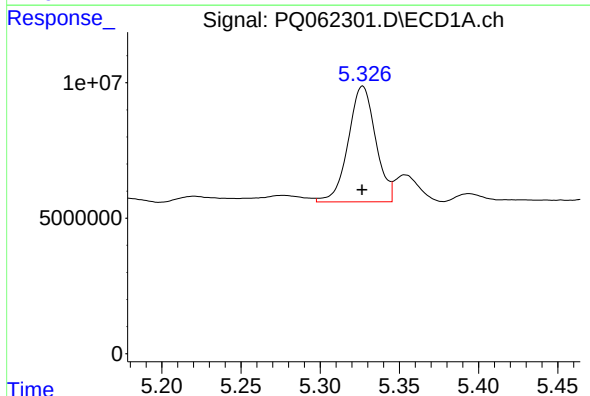
R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 3104156
Conc: 17.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



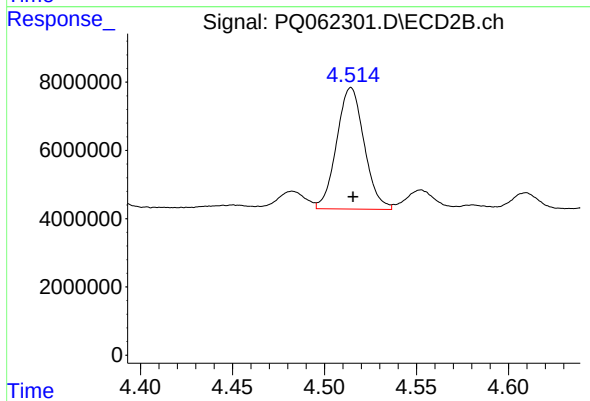
#25 AR-1248-5

R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 6608729
Conc: 58.99 ng/ml



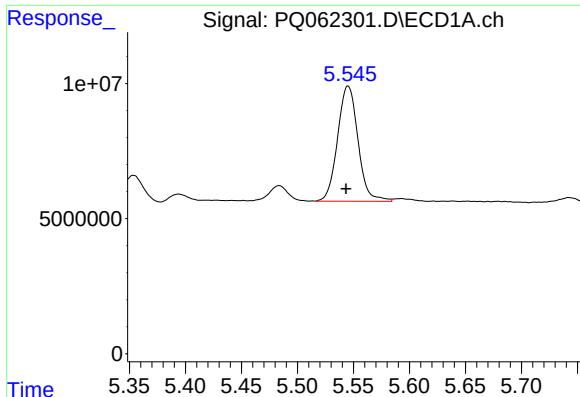
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 51329877
Conc: 276.23 ng/ml



#26 AR-1254-1

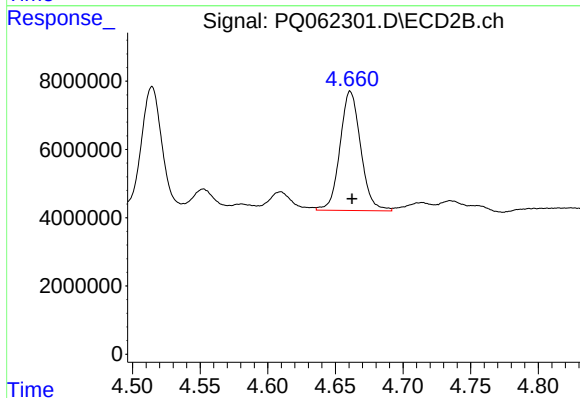
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 37080425
Conc: 229.65 ng/ml



#27 AR-1254-2

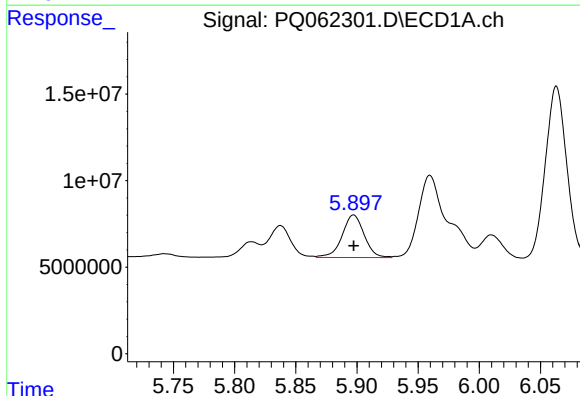
R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 54042399
Conc: 185.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



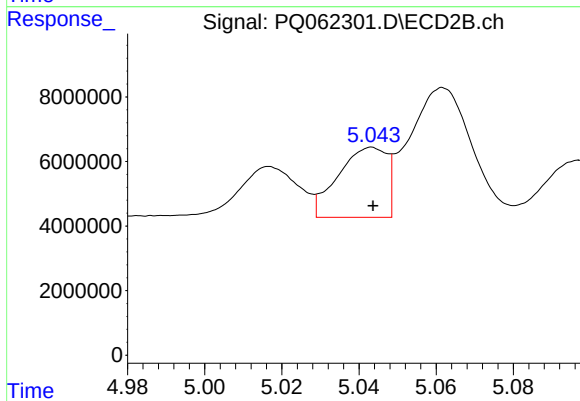
#27 AR-1254-2

R.T.: 4.661 min
Delta R.T.: -0.001 min
Response: 37249784
Conc: 253.01 ng/ml



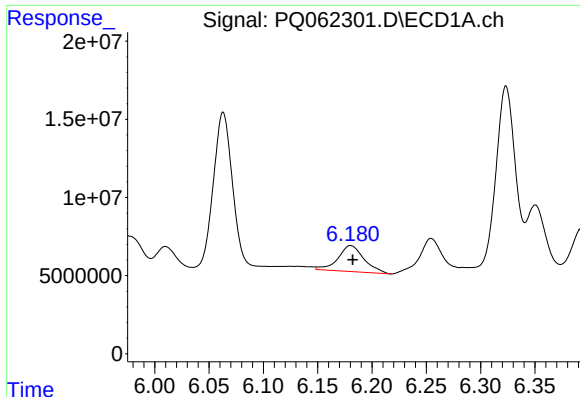
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 30847575
Conc: 100.43 ng/ml



#28 AR-1254-3

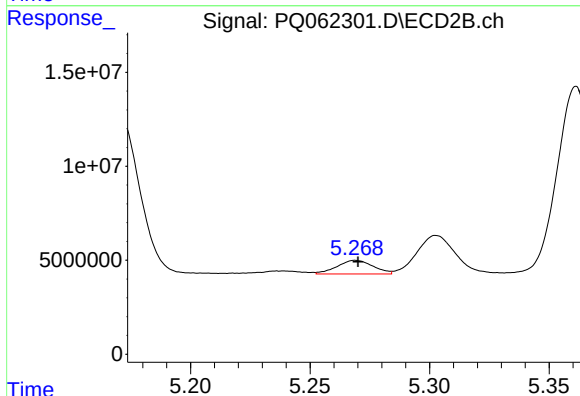
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 19008509
Conc: 81.34 ng/ml



#29 AR-1254-4

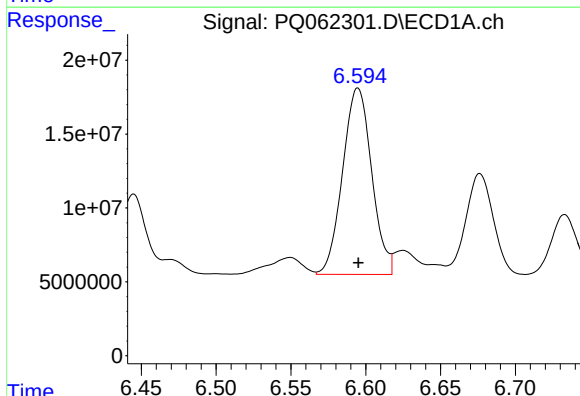
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 27915834
Conc: 120.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



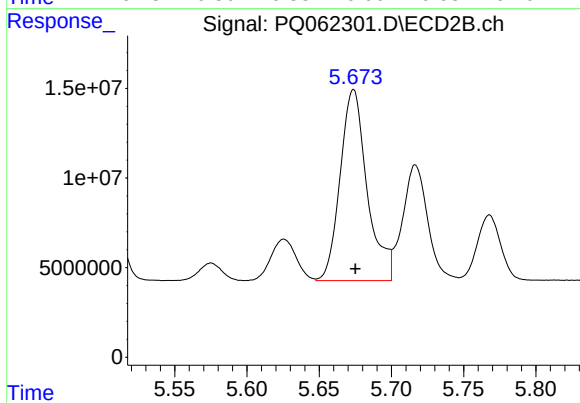
#29 AR-1254-4

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 7609281
Conc: 49.92 ng/ml



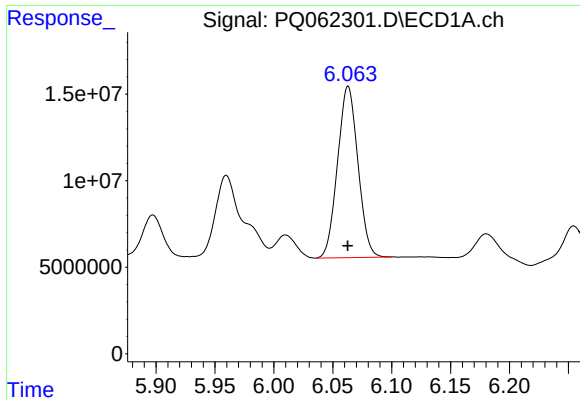
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 170629809
Conc: 664.26 ng/ml



#30 AR-1254-5

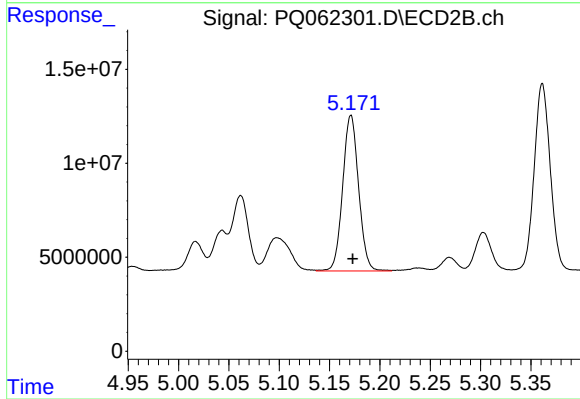
R.T.: 5.674 min
Delta R.T.: -0.001 min
Response: 138295771
Conc: 599.21 ng/ml



#31 AR-1260-1

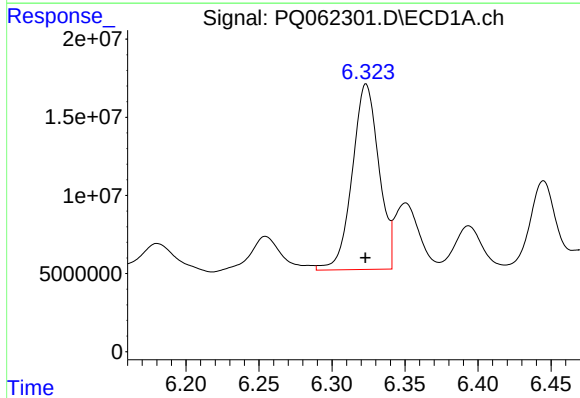
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 119190337
Conc: 505.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



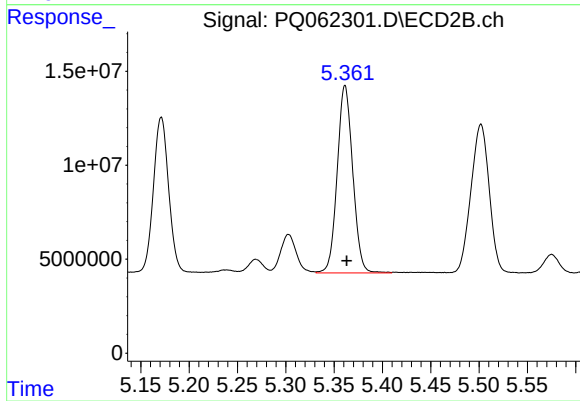
#31 AR-1260-1

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 91301703
Conc: 548.18 ng/ml



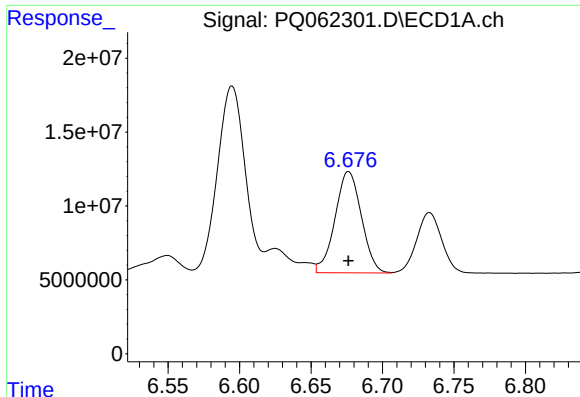
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 150874442
Conc: 522.40 ng/ml



#32 AR-1260-2

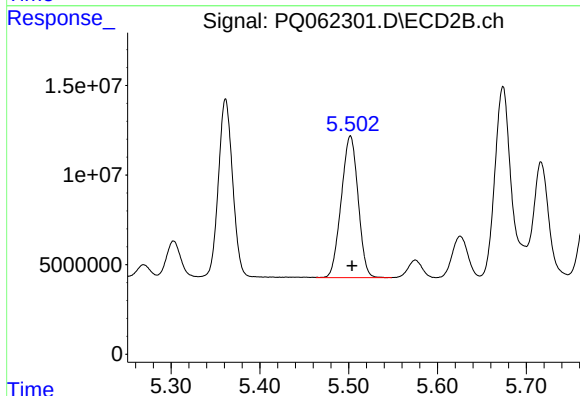
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 111749770
Conc: 537.40 ng/ml



#33 AR-1260-3

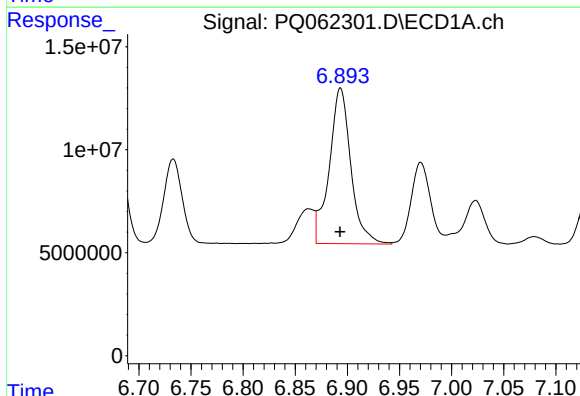
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 88101391
Conc: 498.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



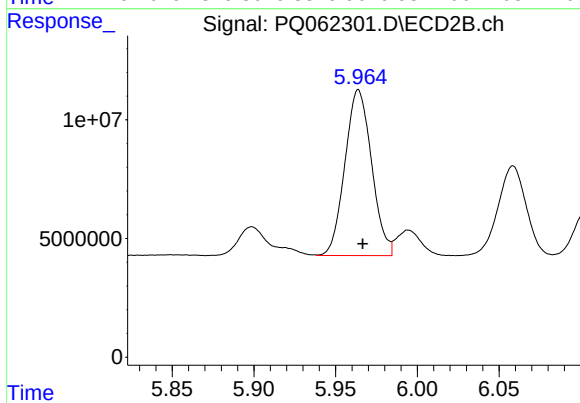
#33 AR-1260-3

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 104242943
Conc: 535.79 ng/ml



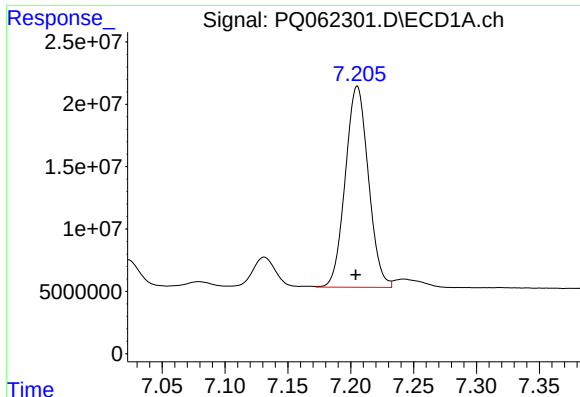
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 108811623
Conc: 516.55 ng/ml



#34 AR-1260-4

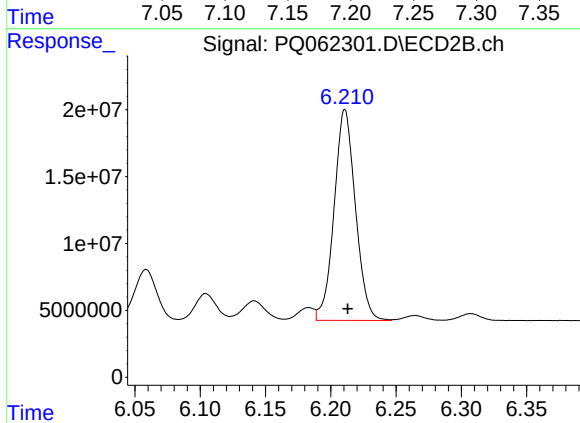
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 79437347
Conc: 544.61 ng/ml



#35 AR-1260-5

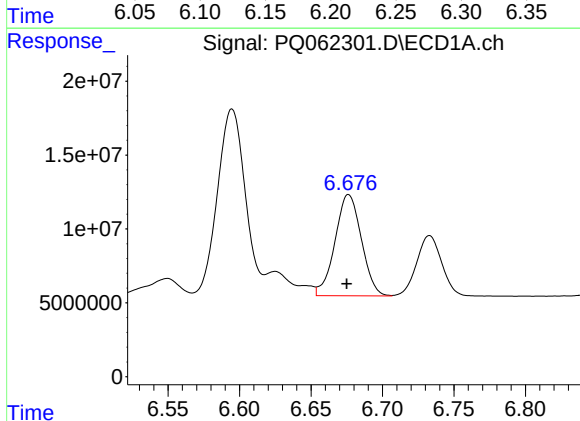
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 206160565
Conc: 502.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



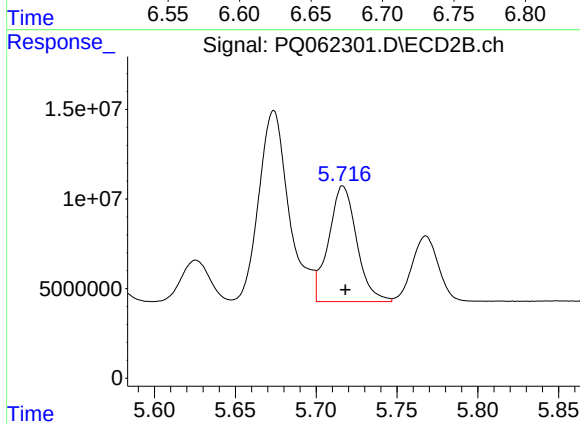
#35 AR-1260-5

R.T.: 6.211 min
Delta R.T.: -0.002 min
Response: 179173759
Conc: 539.58 ng/ml



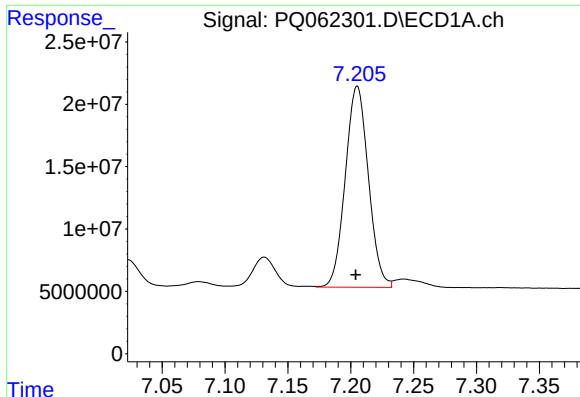
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.001 min
Response: 88101391
Conc: 288.91 ng/ml



#36 AR-1262-1

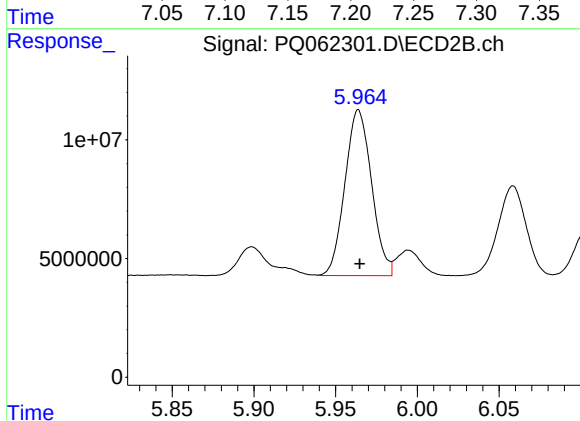
R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 78182591
Conc: 336.31 ng/ml



#37 AR-1262-2

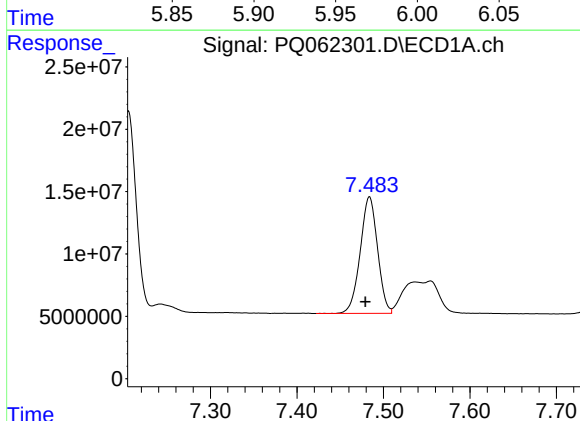
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 206160565
Conc: 391.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



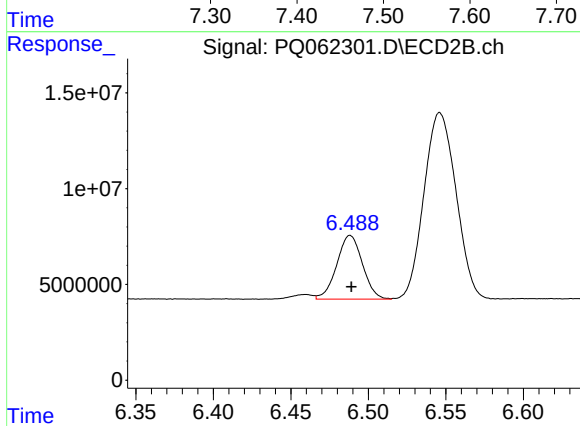
#37 AR-1262-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 79437347
Conc: 367.41 ng/ml



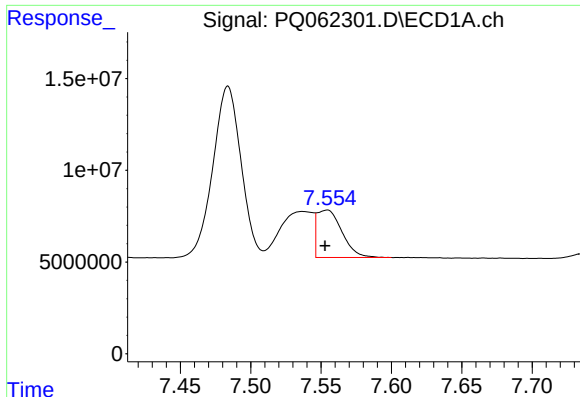
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 130258571
Conc: 369.73 ng/ml



#38 AR-1262-3

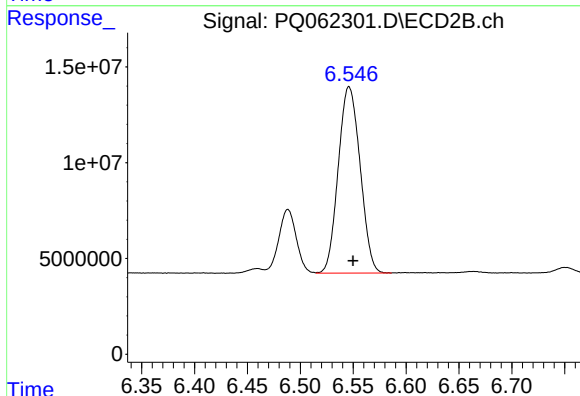
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 38386925
Conc: 220.20 ng/ml



#39 AR-1262-4

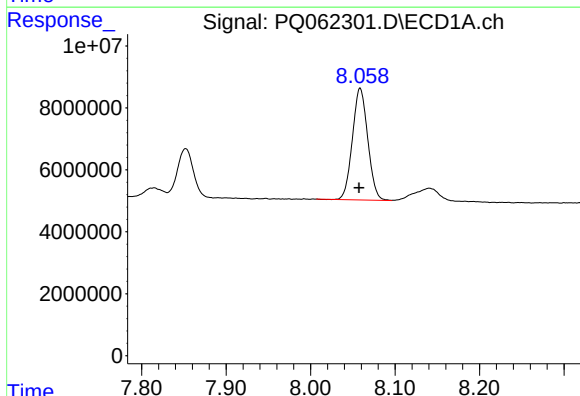
R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 31864438
Conc: 119.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



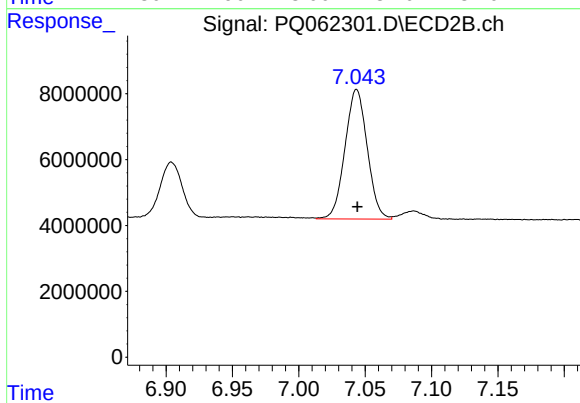
#39 AR-1262-4

R.T.: 6.546 min
Delta R.T.: -0.004 min
Response: 139978478
Conc: 434.32 ng/ml



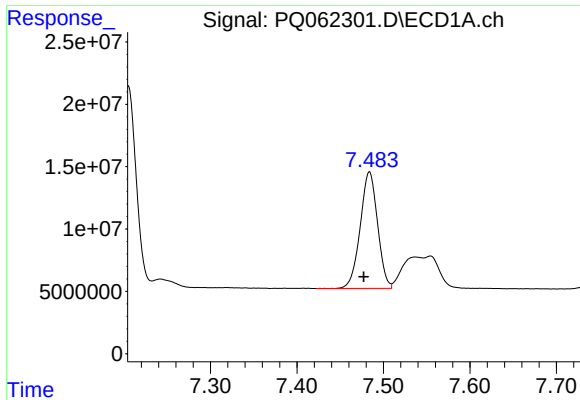
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 45687599
Conc: 257.38 ng/ml



#40 AR-1262-5

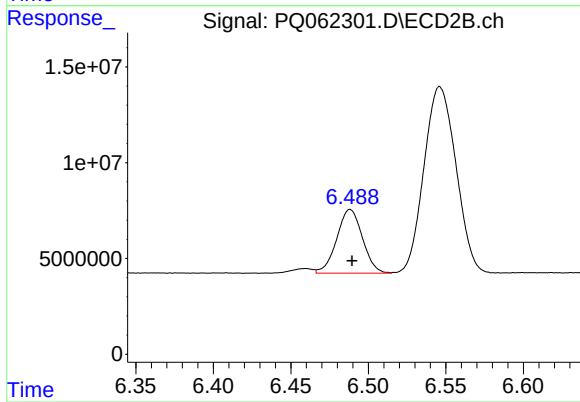
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 45971113
Conc: 296.37 ng/ml



#41 AR-1268-1

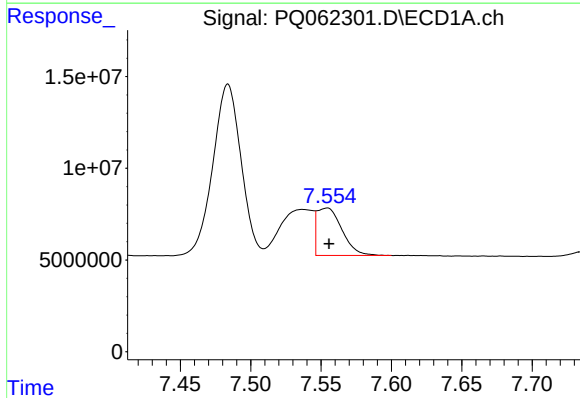
R.T.: 7.484 min
Delta R.T.: 0.007 min
Response: 130258571
Conc: 229.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



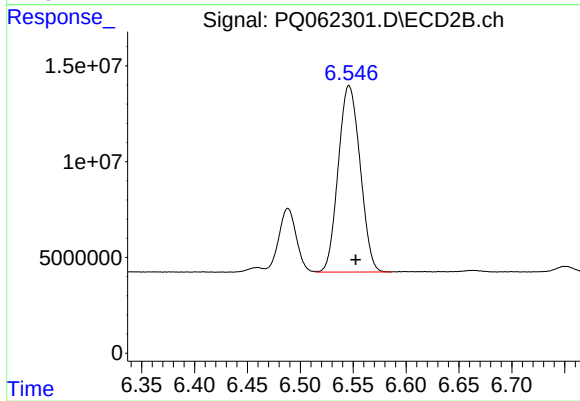
#41 AR-1268-1

R.T.: 6.488 min
Delta R.T.: -0.001 min
Response: 38386925
Conc: 81.58 ng/ml



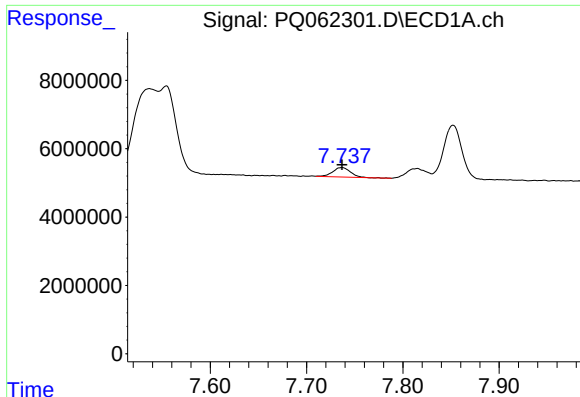
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.001 min
Response: 31864438
Conc: 62.49 ng/ml



#42 AR-1268-2

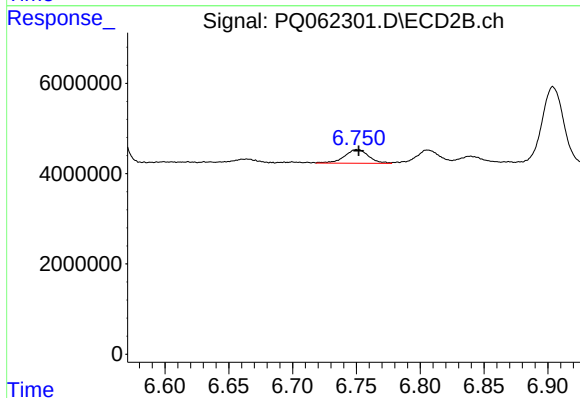
R.T.: 6.546 min
Delta R.T.: -0.006 min
Response: 139978478
Conc: 330.37 ng/ml



#43 AR-1268-3

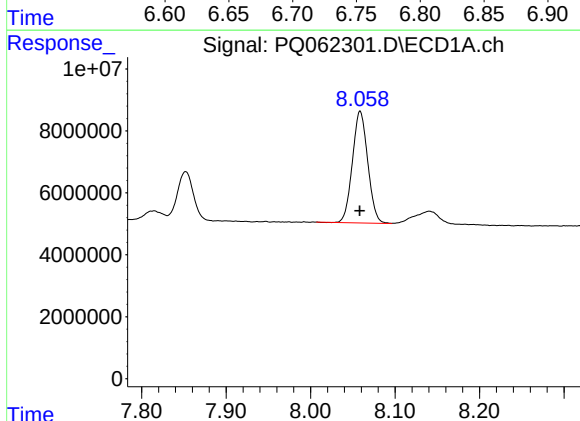
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3497239
Conc: 8.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



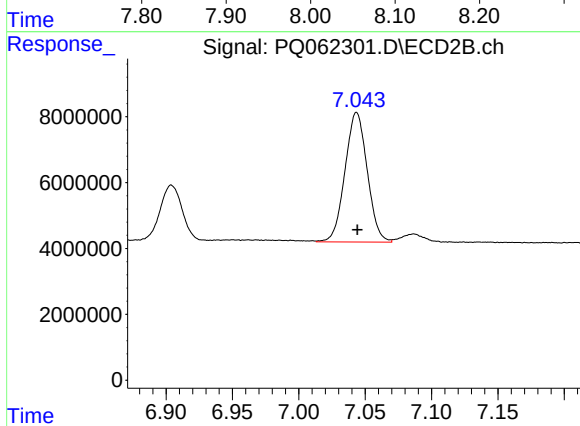
#43 AR-1268-3

R.T.: 6.750 min
Delta R.T.: -0.001 min
Response: 4039845
Conc: 10.97 ng/ml



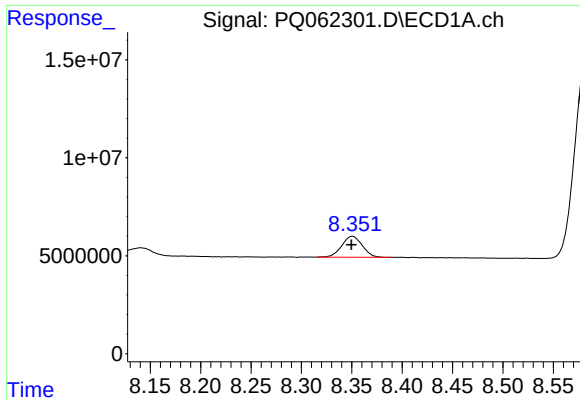
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 45687599
Conc: 249.68 ng/ml



#44 AR-1268-4

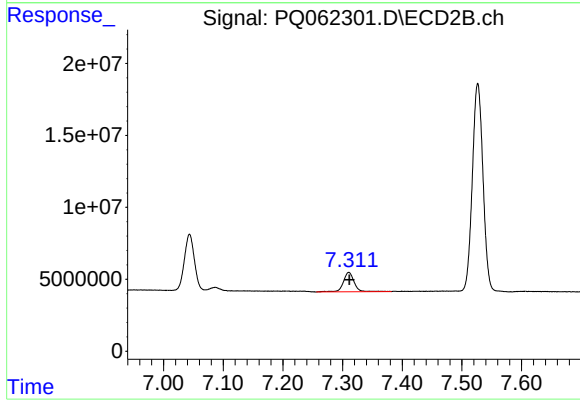
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 45971113
Conc: 287.43 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 15203874
Conc: 12.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 17230517
Conc: 14.77 ng/ml