

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052623\
 Data File : PQ061283.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 12:12
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:27:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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...	3.404	2.761	242.3E6	141.9E6	48.360	49.114
2)	SA Decachlor...	8.584	7.534	161.5E6	160.2E6	41.755	43.985
Target Compounds							
3)	L1 AR-1016-1	4.504	3.764	84770089	54564109	477.700	485.796
4)	L1 AR-1016-2	4.523	3.779	123.9E6	81501322	471.505	500.272
5)	L1 AR-1016-3	4.581	3.939	76630653	43486129	466.827	509.671
6)	L1 AR-1016-4	4.673	3.988	63595481	37996731	476.669	509.222
7)	L1 AR-1016-5	4.960	4.183	62115359	48536691	465.563	529.820
8)	L2 AR-1221-1	3.601	2.962	8622784	5603623	131.395	142.097
9)	L2 AR-1221-2	3.683	3.039	12306518	8051614	250.901	267.794
10)	L2 AR-1221-3	3.753	3.107	45409821	29246977	307.614	317.891
11)	L3 AR-1232-1	3.753	3.107	45409821	29246977	408.142	429.725
12)	L3 AR-1232-2	4.246	3.779	62760118	81501322	961.115	1060.108
13)	L3 AR-1232-3	4.523	3.939	123.9E6	43486129	1013.151	1085.183
14)	L3 AR-1232-4	4.673	4.025	63595481	41617466	1008.893	1182.204
15)	L3 AR-1232-5	4.770	4.183	49641160	48536691	1101.999	1172.291
16)	L4 AR-1242-1	4.504	3.764	84770089	54564109	600.573	615.751
17)	L4 AR-1242-2	4.523	3.779	123.9E6	81501322	601.925	646.823
18)	L4 AR-1242-3	4.581	3.939	76630653	43486129	589.209	642.738
19)	L4 AR-1242-4	4.673	4.025	63595481	41617466	581.947	633.254
20)	L4 AR-1242-5	5.394	4.519	3889671	39003814	35.341	425.516 #
21)	L5 AR-1248-1	4.504	3.764	84770089	54564109	692.438	704.712
22)	L5 AR-1248-2	4.770	3.988	49641160	37996731	301.267	329.280
23)	L5 AR-1248-3	4.960	4.025	62115359	41617466	309.246	376.262
24)	L5 AR-1248-4	5.354	4.183	12141261	48536691	53.461	354.592 #
25)	L5 AR-1248-5	5.394	4.557	3889671	8370859	17.608	60.341 #
26)	L6 AR-1254-1	5.327	4.519	54053661	39003814	268.325	215.523
27)	L6 AR-1254-2	5.545	4.666	54168093	38260490	172.442	232.167 #
28)	L6 AR-1254-3	5.897	5.048	30330717	20130073	93.124	78.056
29)	L6 AR-1254-4	6.180	5.274	28706179	7722172	118.316	47.247 #
30)	L6 AR-1254-5	6.594	5.679	161.8E6	138.9E6	586.852	545.255
31)	L7 AR-1260-1	6.063	5.177	117.8E6	90870880	469.385	487.929
32)	L7 AR-1260-2	6.322	5.367	147.0E6	111.7E6	486.270	490.176
33)	L7 AR-1260-3	6.676	5.508	82070149	104.0E6	435.633	489.992
34)	L7 AR-1260-4	6.893	5.971	100.7E6	79789647	447.484	505.397
35)	L7 AR-1260-5	7.205	6.217	189.6E6	181.3E6	433.105	498.917
36)	L8 AR-1262-1	6.676	5.722	82070149	78405497	260.462	315.335
37)	L8 AR-1262-2	7.205	6.217	189.6E6	181.3E6	346.816	397.348
38)	L8 AR-1262-3	7.484	6.494	121.1E6	37797138	332.260	202.270 #
39)	L8 AR-1262-4	7.554	6.552	32226821	136.4E6	115.165	392.534 #
40)	L8 AR-1262-5	8.059	7.049	42387191	41454314	227.789	246.119
41)	L9 AR-1268-1	7.484	6.494	121.1E6	37797138	197.334	71.010 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052623\
 Data File : PQ061283.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 12:12
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

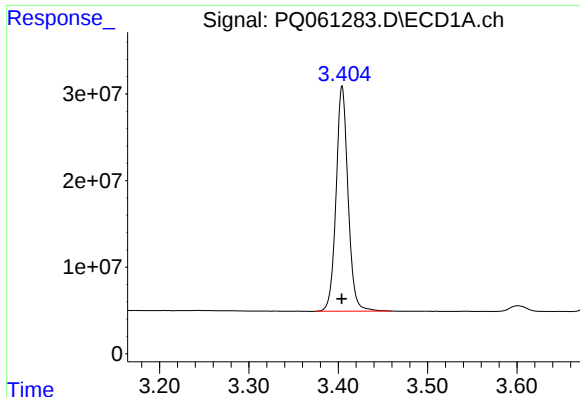
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 21:27:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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
42) L9	AR-1268-2	7.554	6.552	32226821	136.4E6	58.036	282.122 #
43) L9	AR-1268-3	7.737	6.758	3099146	3488067	6.692	8.332
44) L9	AR-1268-4	8.059	7.049	42387191	41454314	208.822	223.912
45) L9	AR-1268-5	8.352	7.318	13523466	19417906	9.919	14.411 #

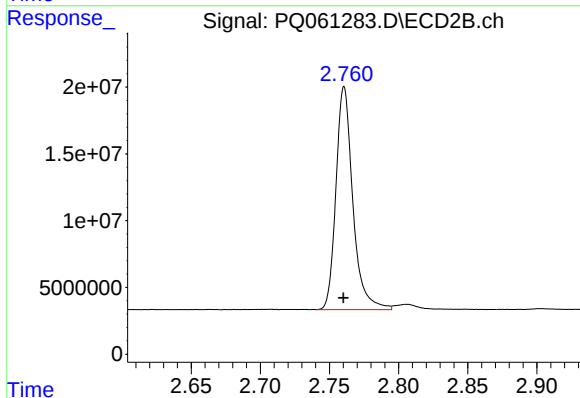
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

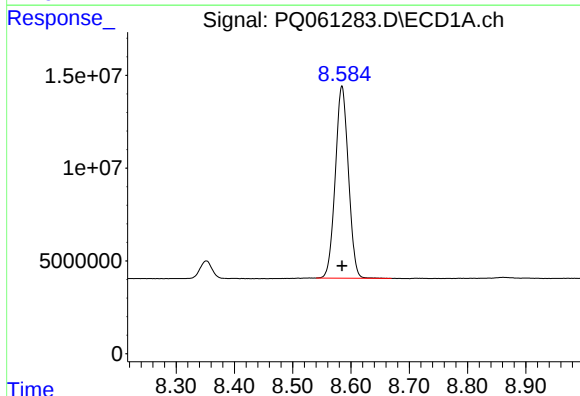
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 242315608
Conc: 48.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



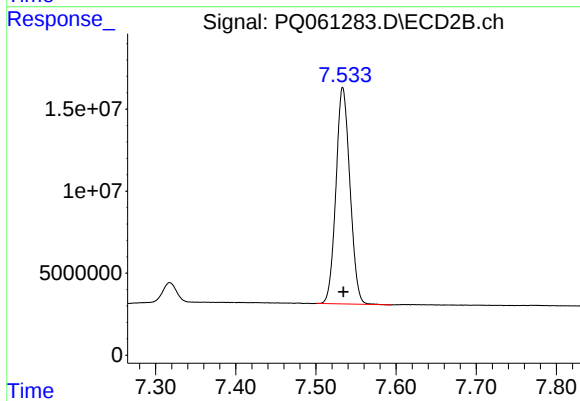
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 141887412
Conc: 49.11 ng/ml



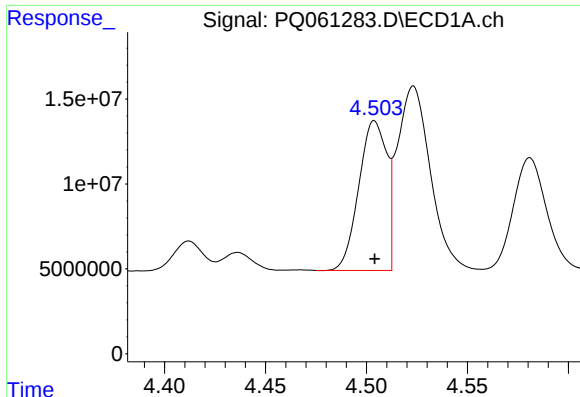
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: 0.000 min
Response: 161512688
Conc: 41.76 ng/ml



#2 Decachlorobiphenyl

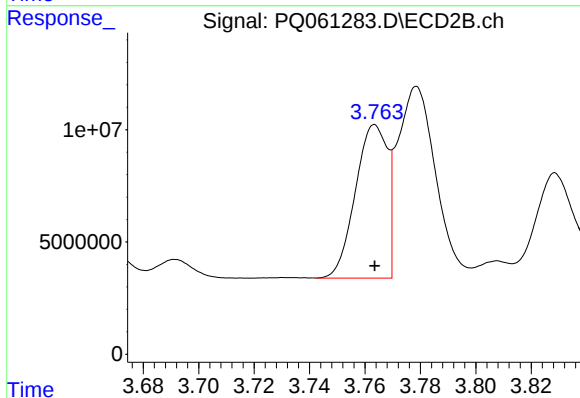
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 160169978
Conc: 43.99 ng/ml



#3 AR-1016-1

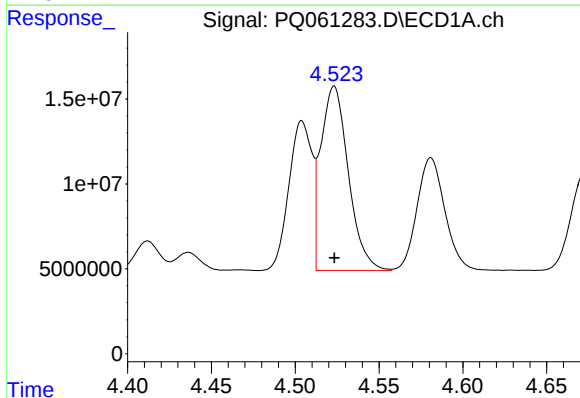
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 84770089
Conc: 477.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



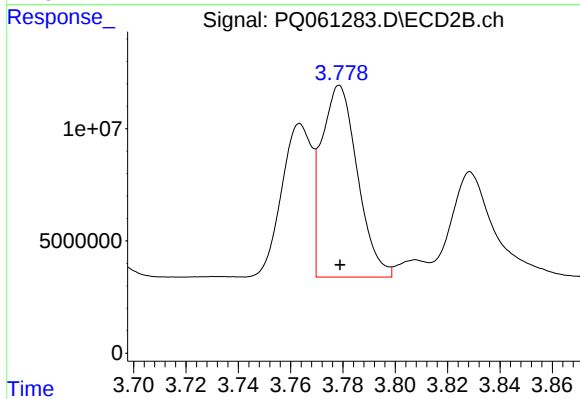
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 54564109
Conc: 485.80 ng/ml



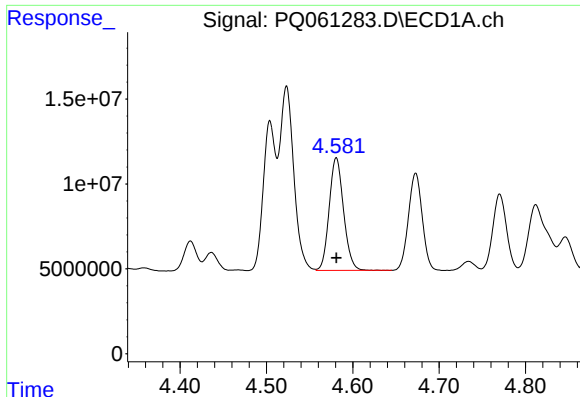
#4 AR-1016-2

R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 123853867
Conc: 471.50 ng/ml



#4 AR-1016-2

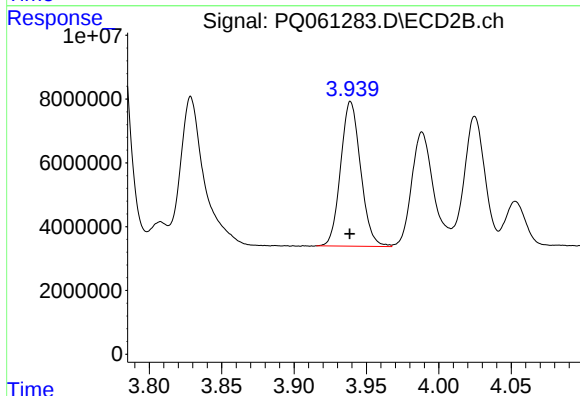
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 81501322
Conc: 500.27 ng/ml



#5 AR-1016-3

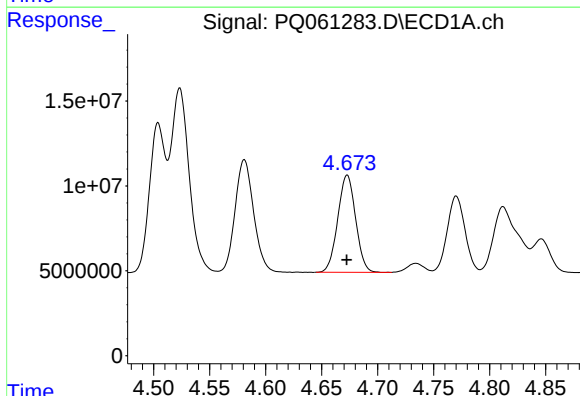
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 76630653
Conc: 466.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



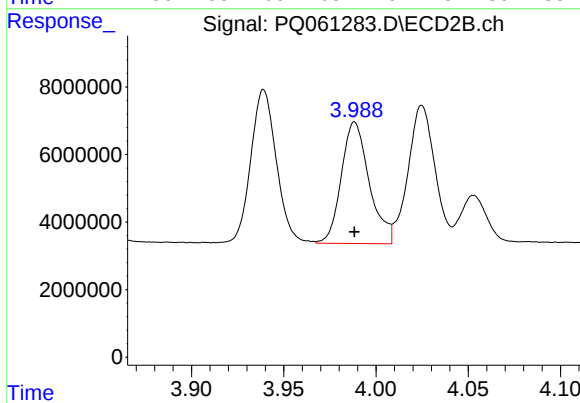
#5 AR-1016-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43486129
Conc: 509.67 ng/ml



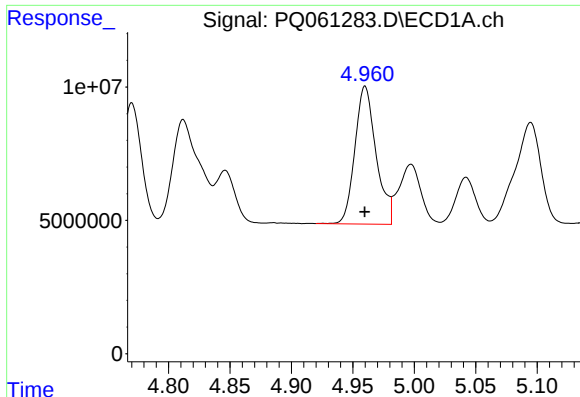
#6 AR-1016-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63595481
Conc: 476.67 ng/ml



#6 AR-1016-4

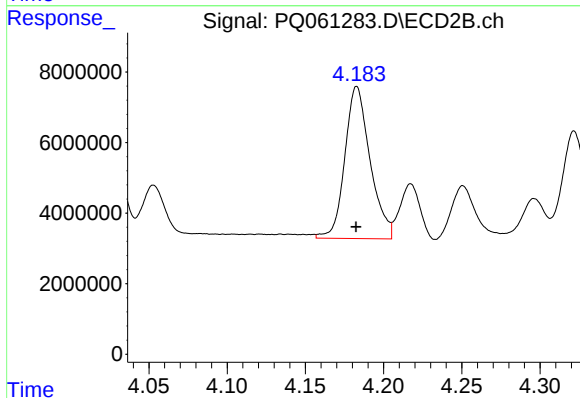
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 37996731
Conc: 509.22 ng/ml



#7 AR-1016-5

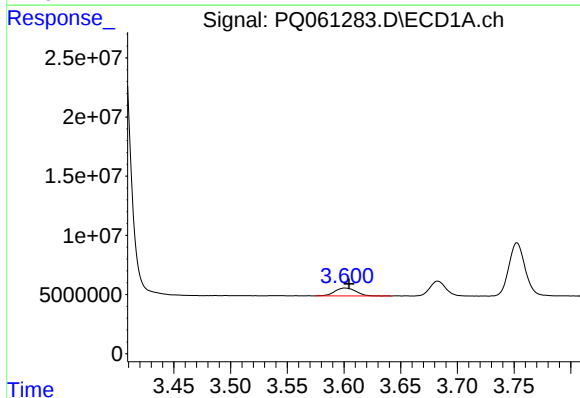
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62115359
Conc: 465.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



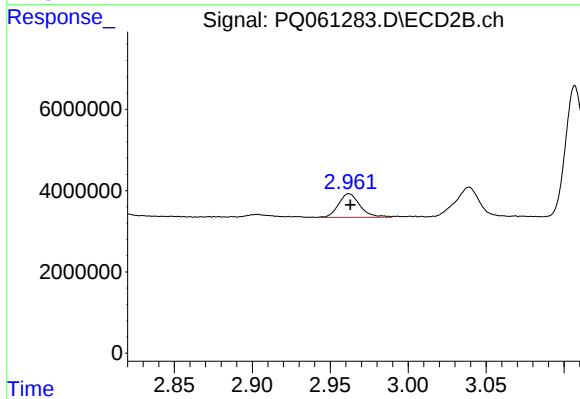
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 48536691
Conc: 529.82 ng/ml



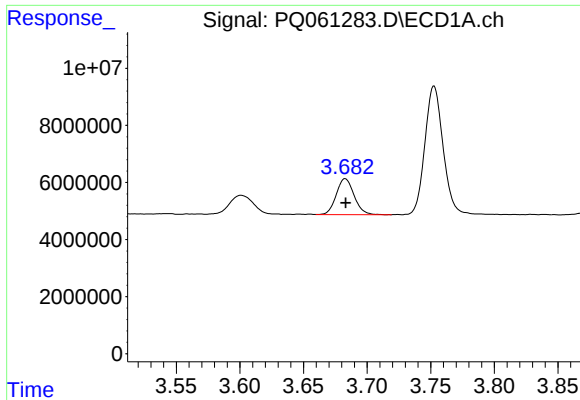
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 8622784
Conc: 131.39 ng/ml



#8 AR-1221-1

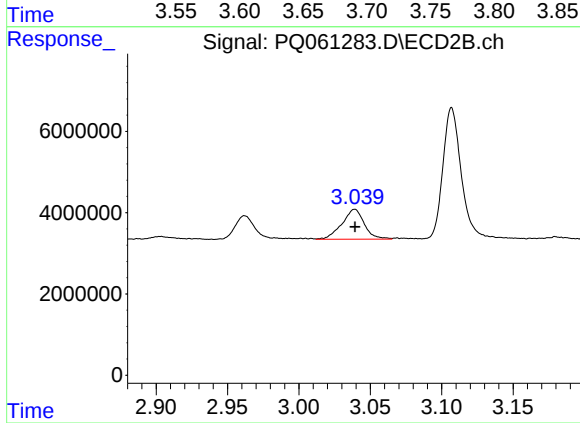
R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 5603623
Conc: 142.10 ng/ml



#9 AR-1221-2

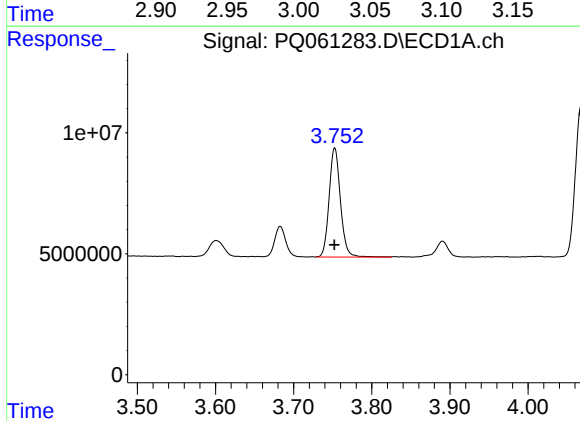
R.T.: 3.683 min
Delta R.T.: 0.000 min
Response: 12306518
Conc: 250.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



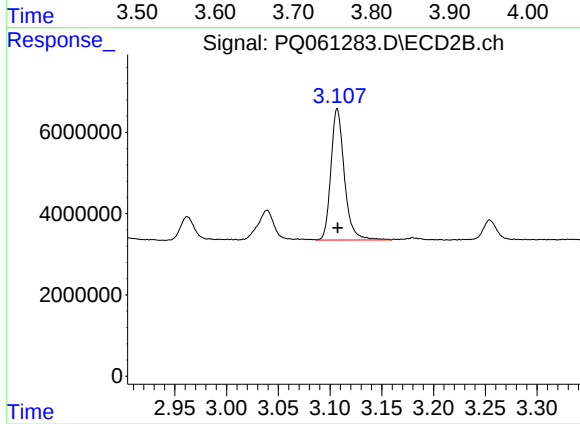
#9 AR-1221-2

R.T.: 3.039 min
Delta R.T.: 0.000 min
Response: 8051614
Conc: 267.79 ng/ml



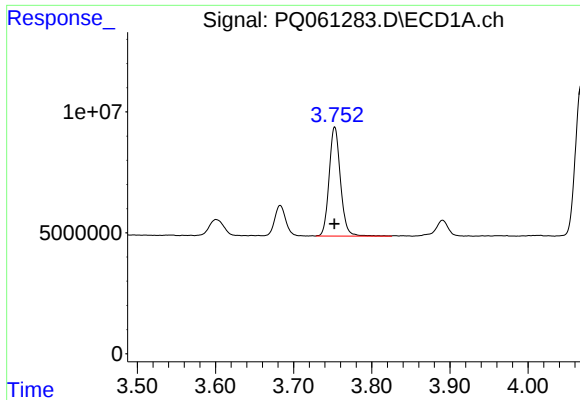
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 45409821
Conc: 307.61 ng/ml



#10 AR-1221-3

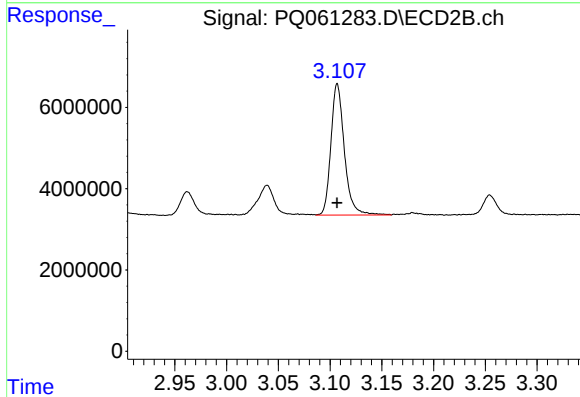
R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 29246977
Conc: 317.89 ng/ml



#11 AR-1232-1

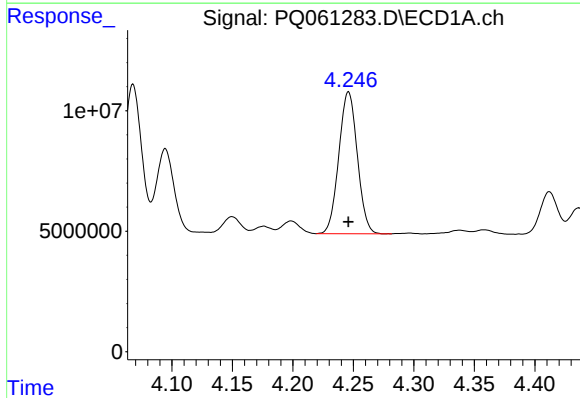
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 45409821
Conc: 408.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



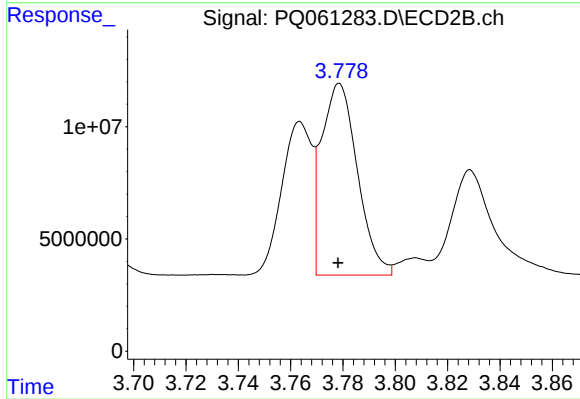
#11 AR-1232-1

R.T.: 3.107 min
Delta R.T.: 0.000 min
Response: 29246977
Conc: 429.73 ng/ml



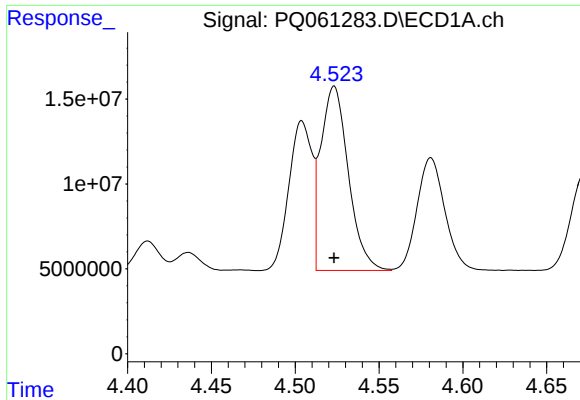
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 62760118
Conc: 961.11 ng/ml



#12 AR-1232-2

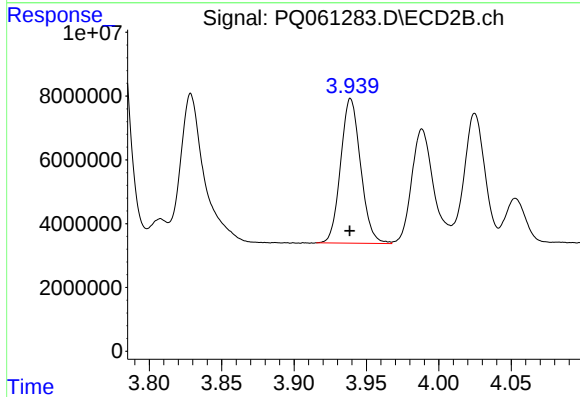
R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 81501322
Conc: 1060.11 ng/ml



#13 AR-1232-3

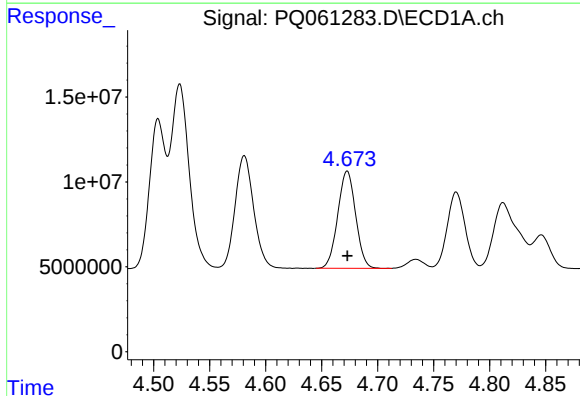
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 123853867
Conc: 1013.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



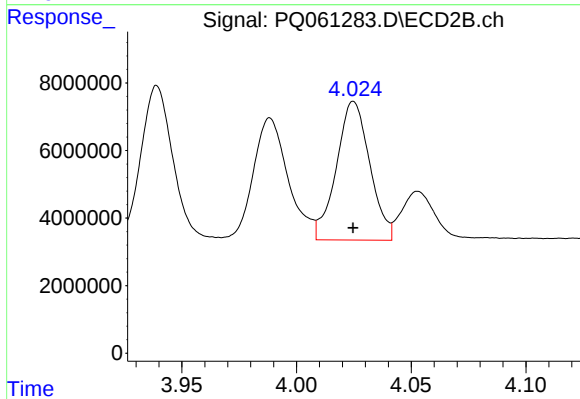
#13 AR-1232-3

R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43486129
Conc: 1085.18 ng/ml



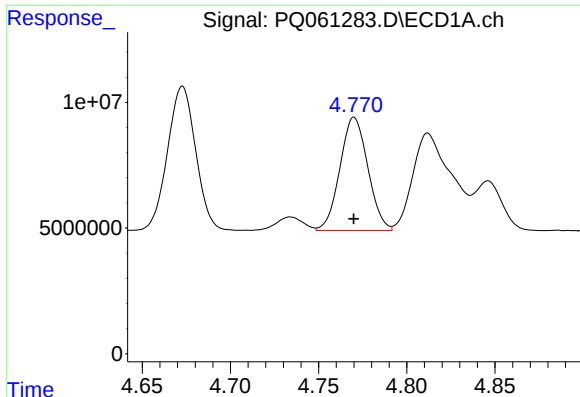
#14 AR-1232-4

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63595481
Conc: 1008.89 ng/ml



#14 AR-1232-4

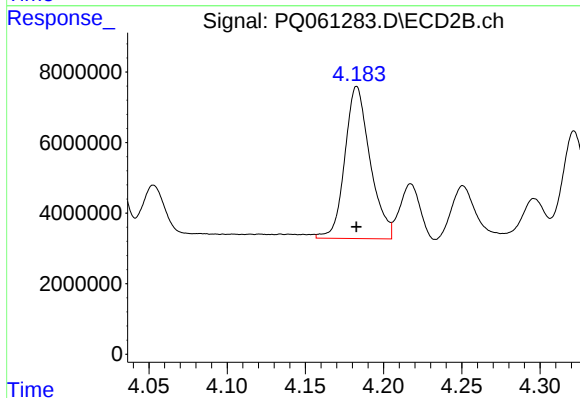
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 41617466
Conc: 1182.20 ng/ml



#15 AR-1232-5

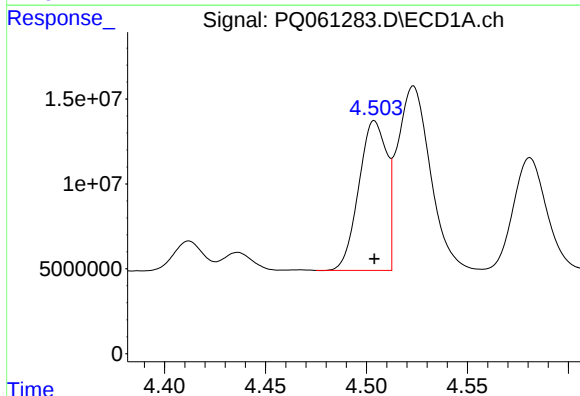
R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 49641160
Conc: 1102.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



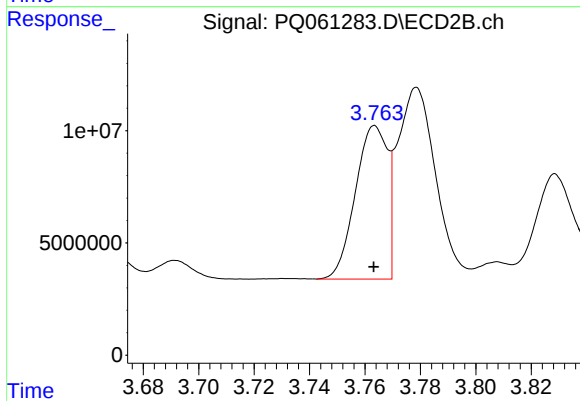
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 48536691
Conc: 1172.29 ng/ml



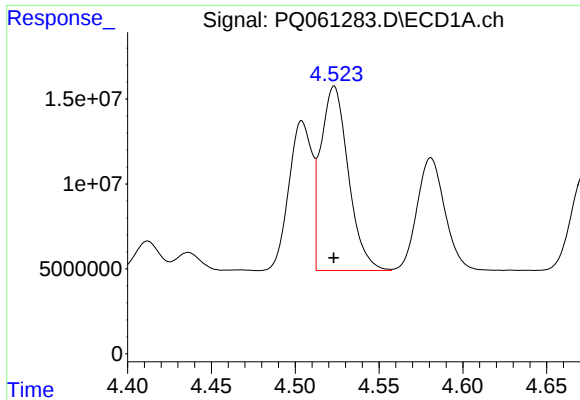
#16 AR-1242-1

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 84770089
Conc: 600.57 ng/ml



#16 AR-1242-1

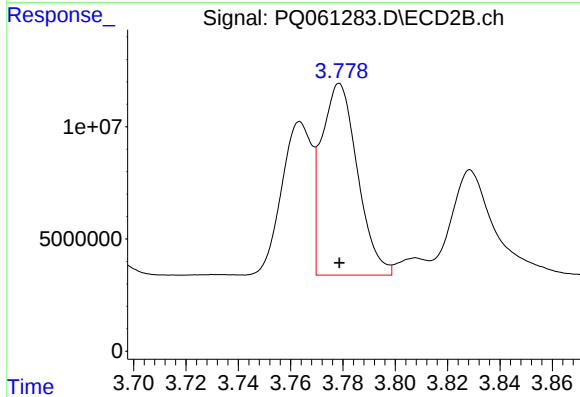
R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 54564109
Conc: 615.75 ng/ml



#17 AR-1242-2

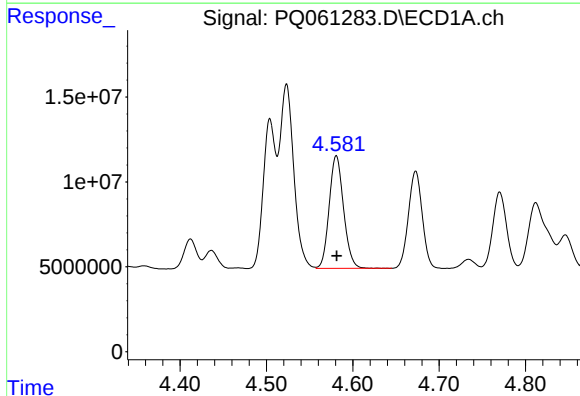
R.T.: 4.523 min
Delta R.T.: 0.000 min
Response: 123853867
Conc: 601.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



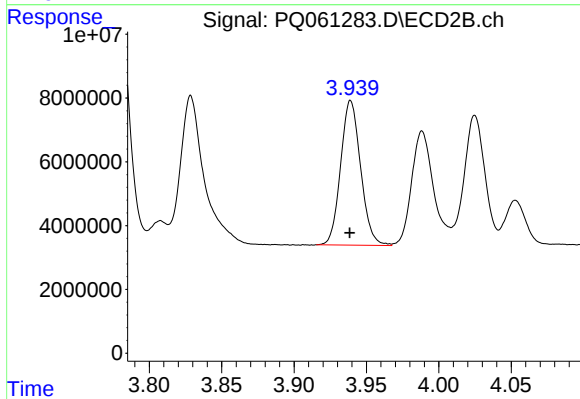
#17 AR-1242-2

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 81501322
Conc: 646.82 ng/ml



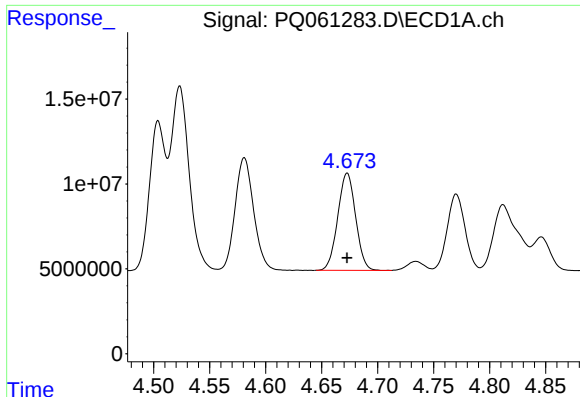
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 76630653
Conc: 589.21 ng/ml



#18 AR-1242-3

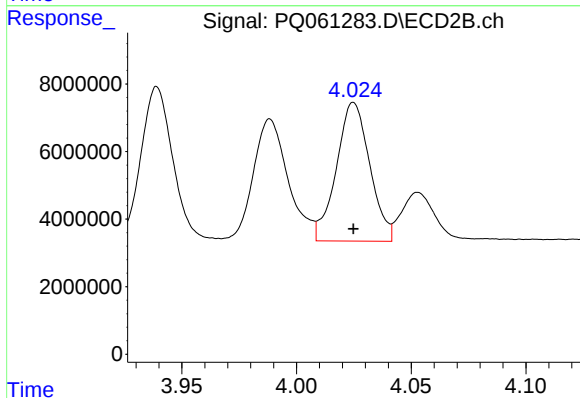
R.T.: 3.939 min
Delta R.T.: 0.000 min
Response: 43486129
Conc: 642.74 ng/ml



#19 AR-1242-4

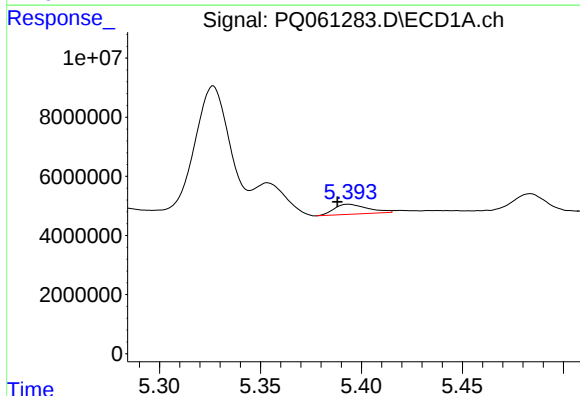
R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 63595481
Conc: 581.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



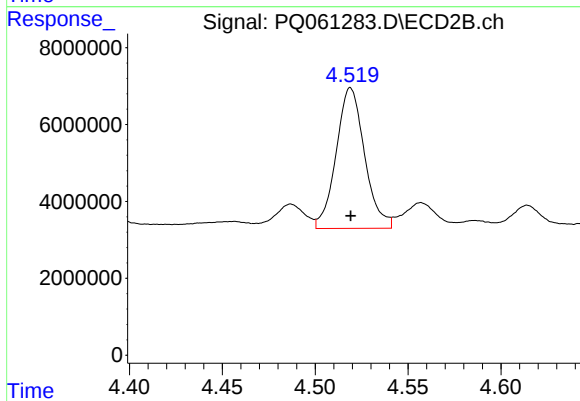
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 41617466
Conc: 633.25 ng/ml



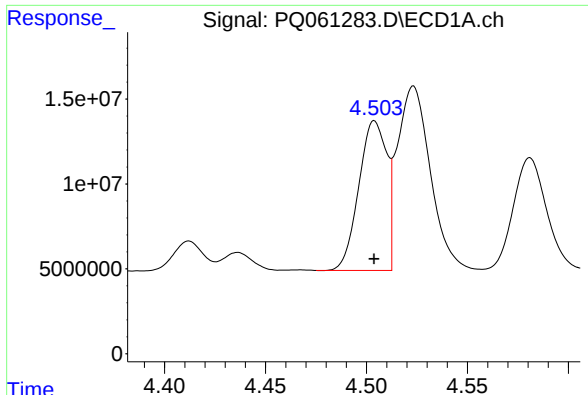
#20 AR-1242-5

R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 3889671
Conc: 35.34 ng/ml



#20 AR-1242-5

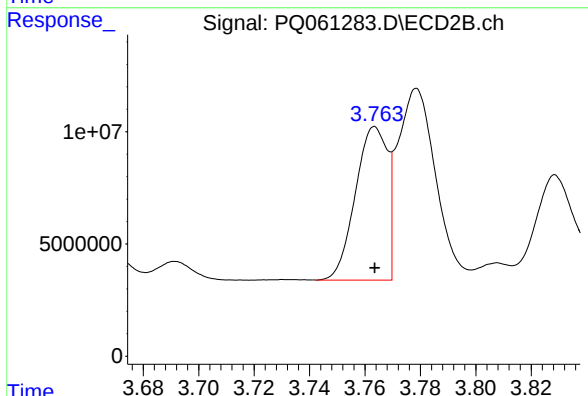
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 39003814
Conc: 425.52 ng/ml



#21 AR-1248-1

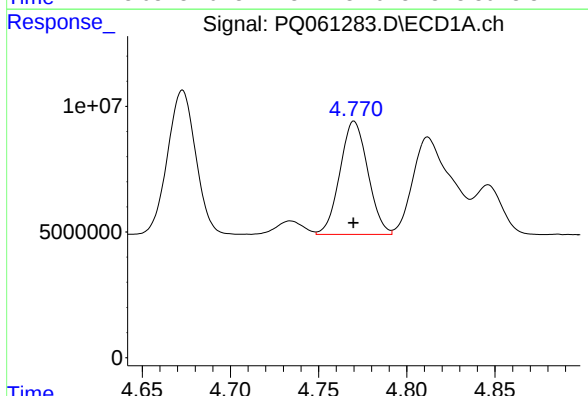
R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 84770089
Conc: 692.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



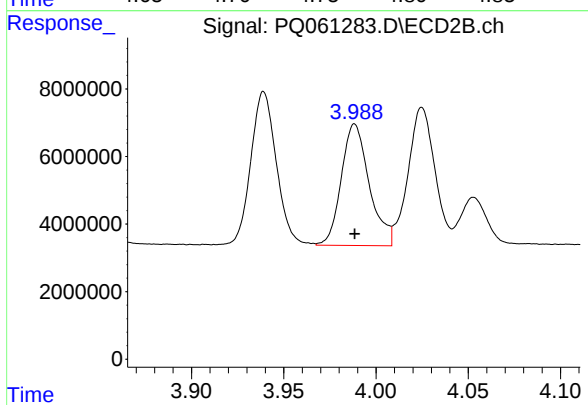
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: 0.000 min
Response: 54564109
Conc: 704.71 ng/ml



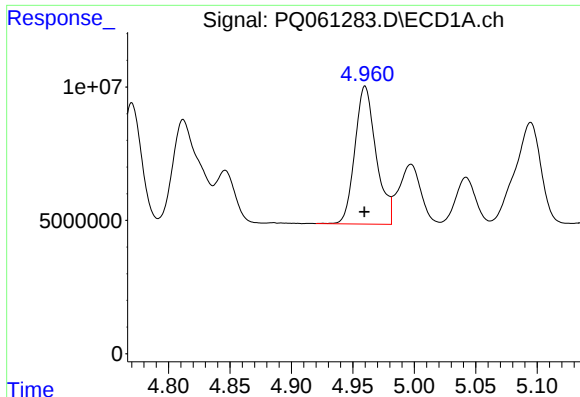
#22 AR-1248-2

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 49641160
Conc: 301.27 ng/ml



#22 AR-1248-2

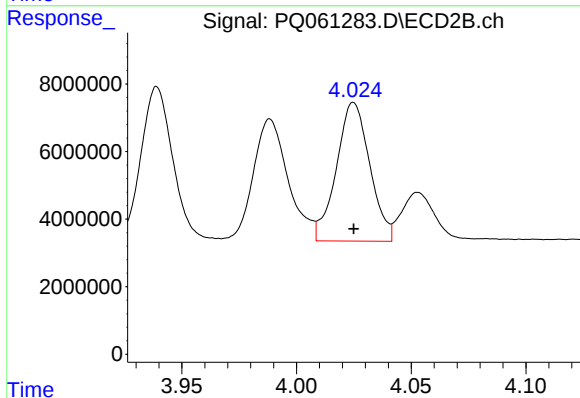
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 37996731
Conc: 329.28 ng/ml



#23 AR-1248-3

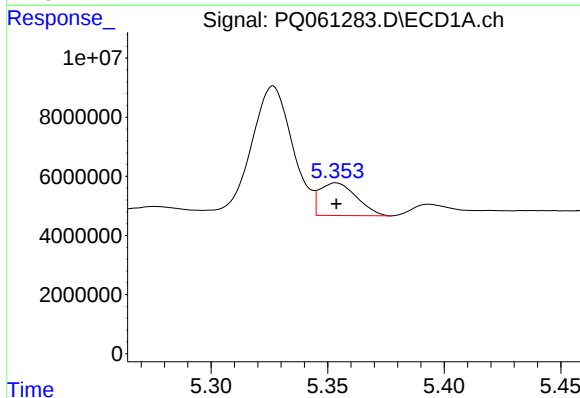
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 62115359
Conc: 309.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



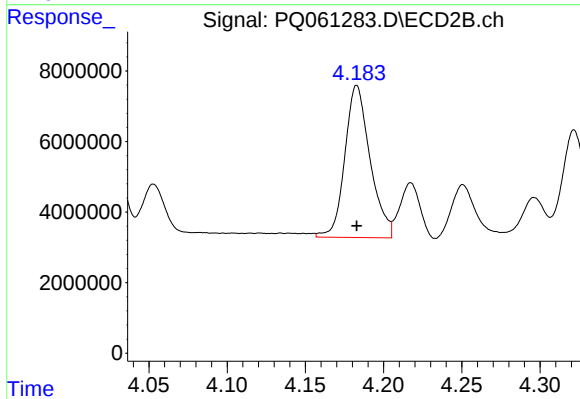
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 41617466
Conc: 376.26 ng/ml



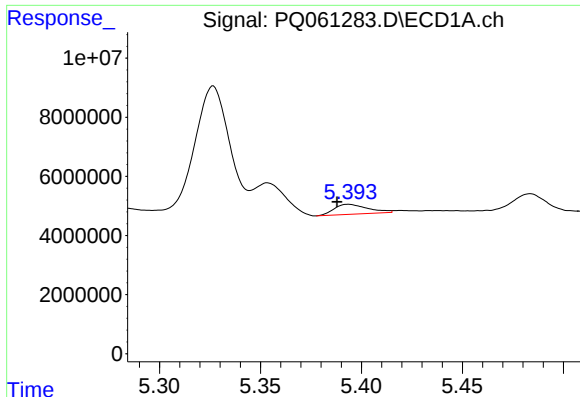
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 12141261
Conc: 53.46 ng/ml



#24 AR-1248-4

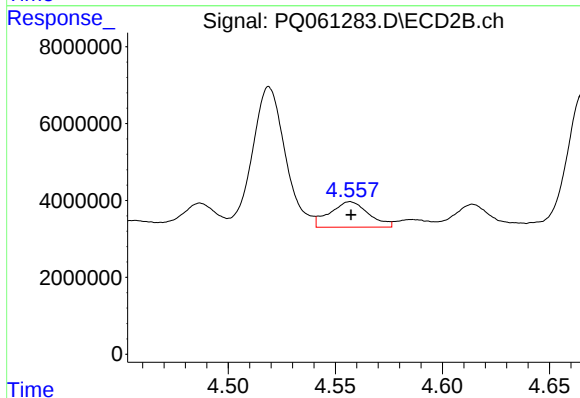
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 48536691
Conc: 354.59 ng/ml



#25 AR-1248-5

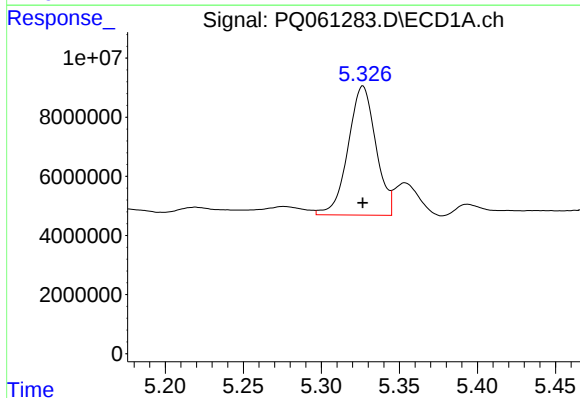
R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 3889671
Conc: 17.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



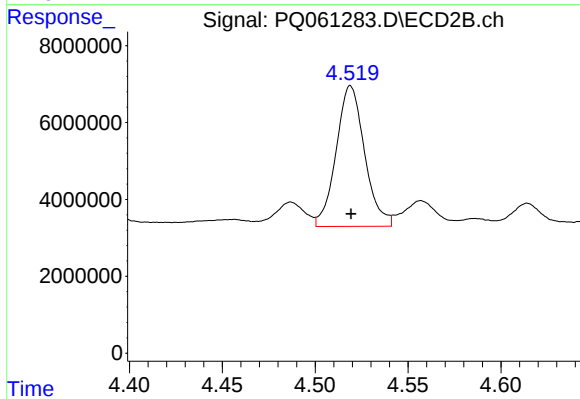
#25 AR-1248-5

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 8370859
Conc: 60.34 ng/ml



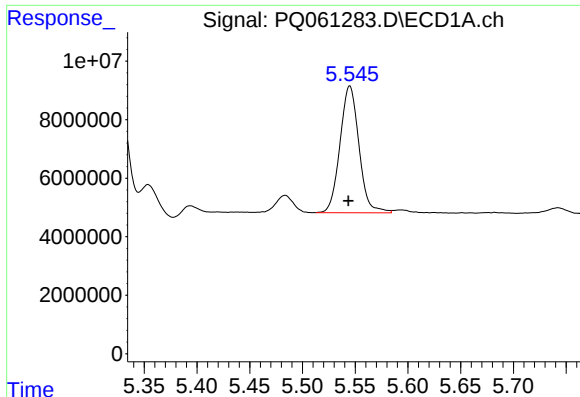
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 54053661
Conc: 268.33 ng/ml



#26 AR-1254-1

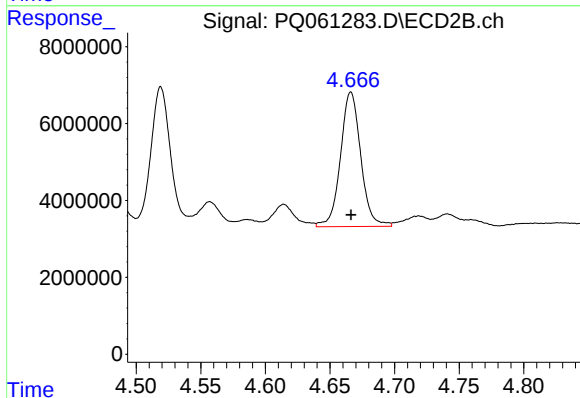
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 39003814
Conc: 215.52 ng/ml



#27 AR-1254-2

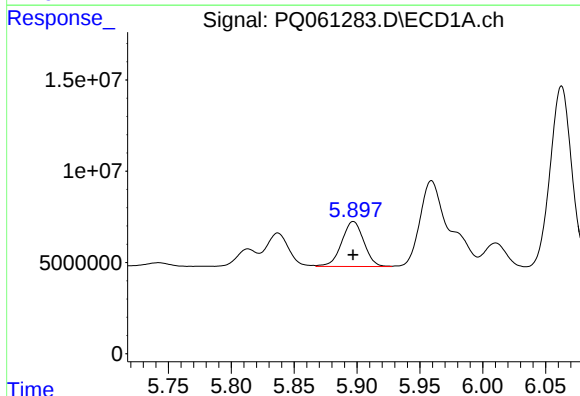
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 54168093
Conc: 172.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



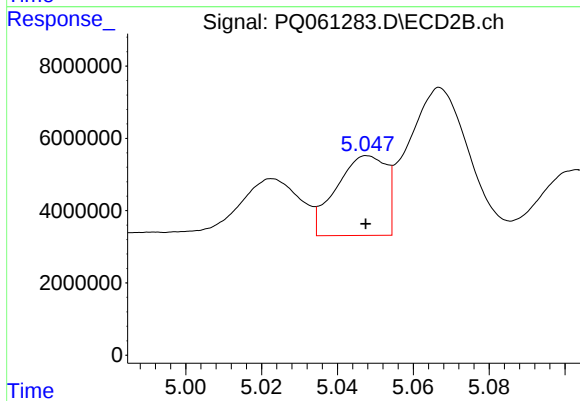
#27 AR-1254-2

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 38260490
Conc: 232.17 ng/ml



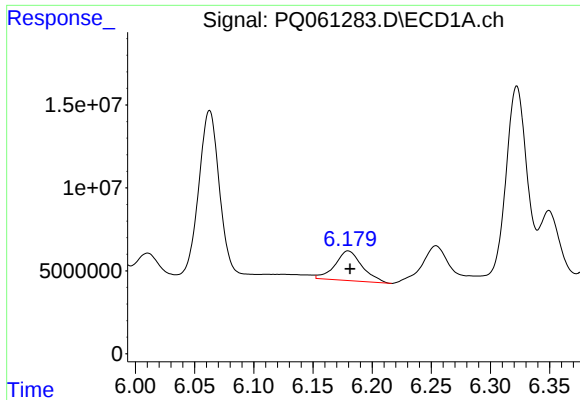
#28 AR-1254-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 30330717
Conc: 93.12 ng/ml



#28 AR-1254-3

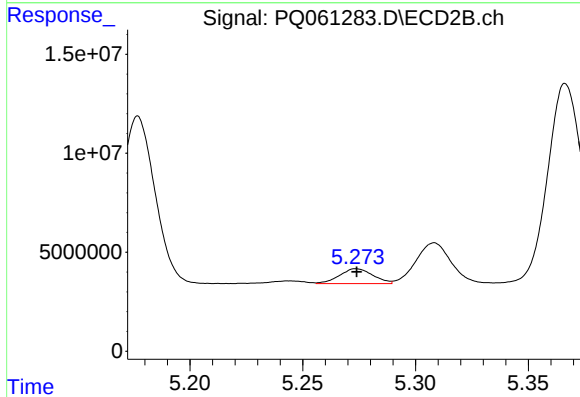
R.T.: 5.048 min
Delta R.T.: 0.000 min
Response: 20130073
Conc: 78.06 ng/ml



#29 AR-1254-4

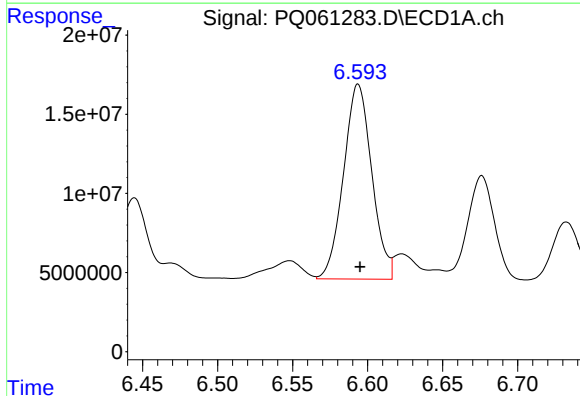
R.T.: 6.180 min
Delta R.T.: -0.002 min
Response: 28706179
Conc: 118.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



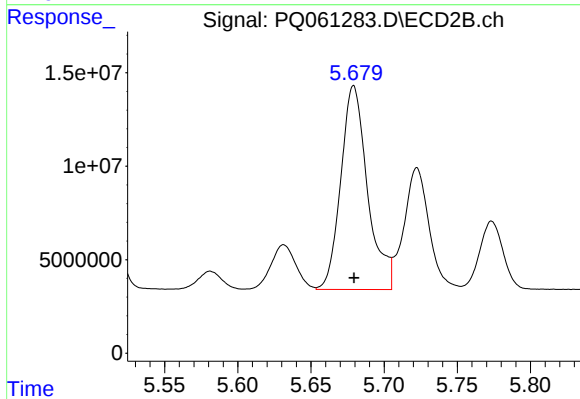
#29 AR-1254-4

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 7722172
Conc: 47.25 ng/ml



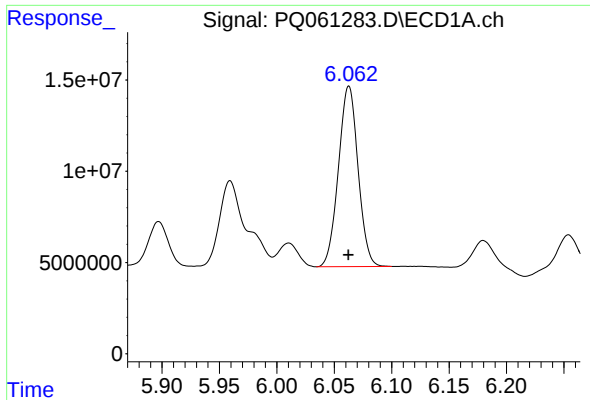
#30 AR-1254-5

R.T.: 6.594 min
Delta R.T.: -0.001 min
Response: 161845257
Conc: 586.85 ng/ml



#30 AR-1254-5

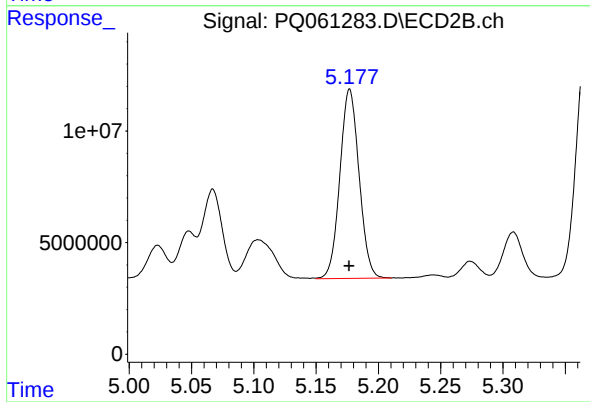
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 138924629
Conc: 545.25 ng/ml



#31 AR-1260-1

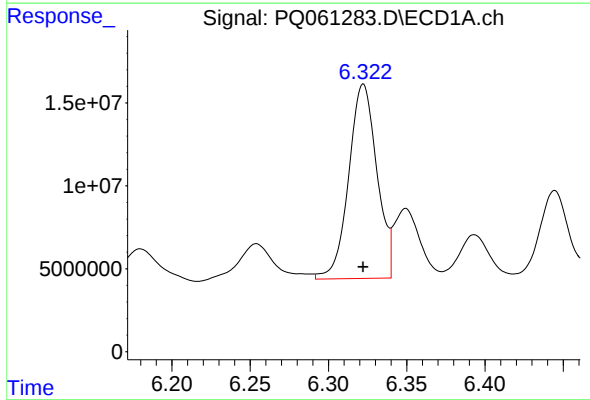
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 117767387
Conc: 469.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



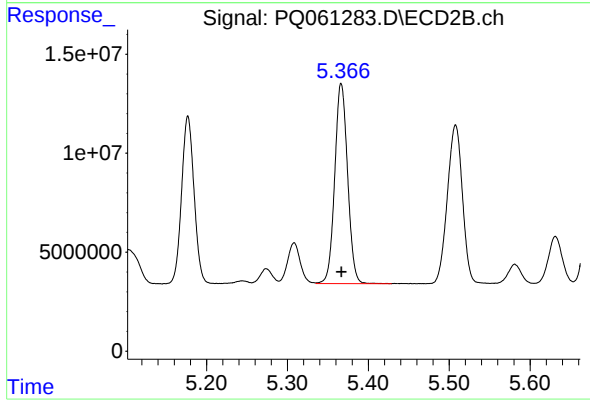
#31 AR-1260-1

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 90870880
Conc: 487.93 ng/ml



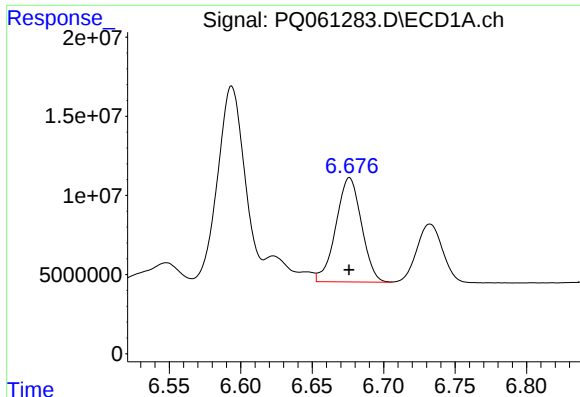
#32 AR-1260-2

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 147028315
Conc: 486.27 ng/ml



#32 AR-1260-2

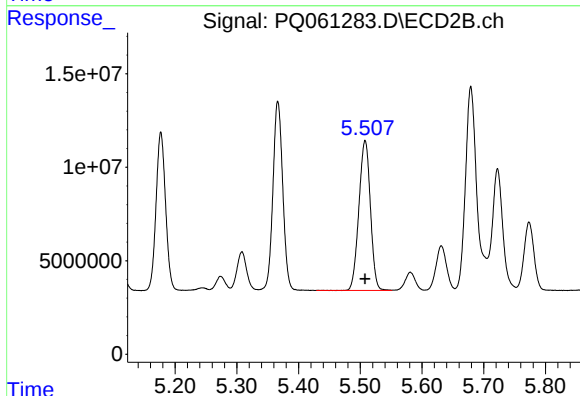
R.T.: 5.367 min
Delta R.T.: 0.000 min
Response: 111679313
Conc: 490.18 ng/ml



#33 AR-1260-3

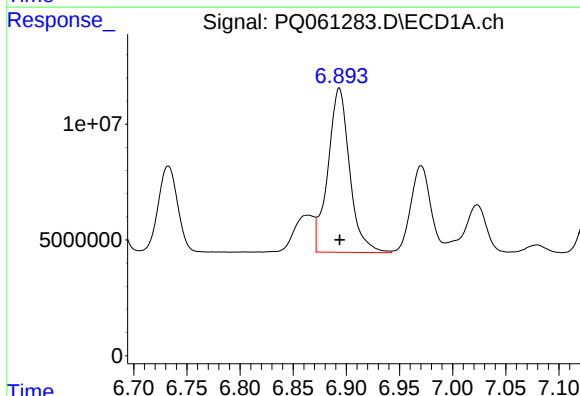
R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 82070149
Conc: 435.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



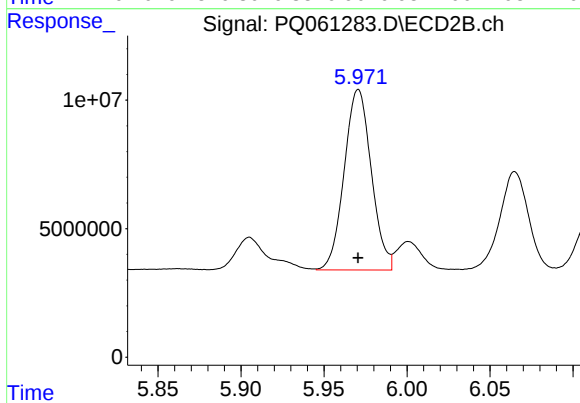
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 104007756
Conc: 489.99 ng/ml



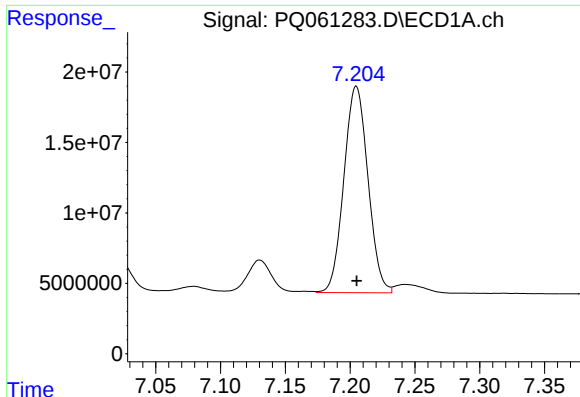
#34 AR-1260-4

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 100700132
Conc: 447.48 ng/ml



#34 AR-1260-4

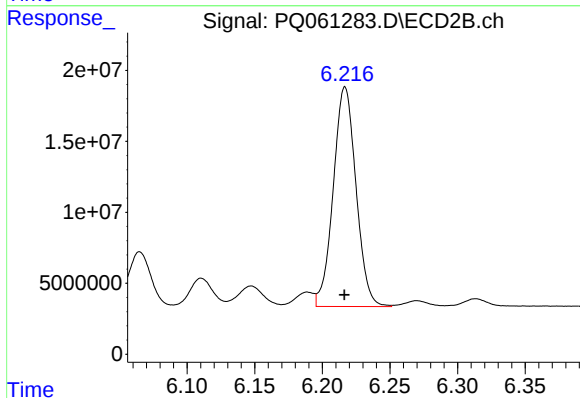
R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 79789647
Conc: 505.40 ng/ml



#35 AR-1260-5

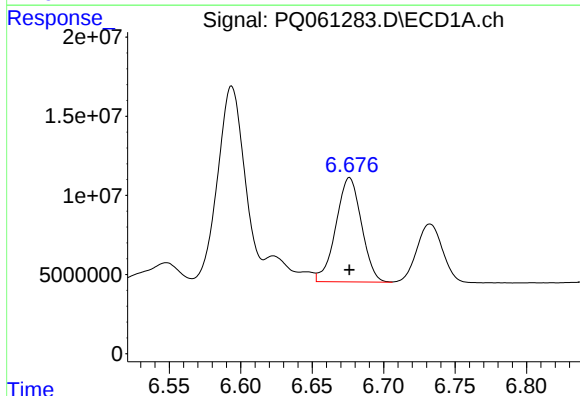
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 189623162
Conc: 433.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



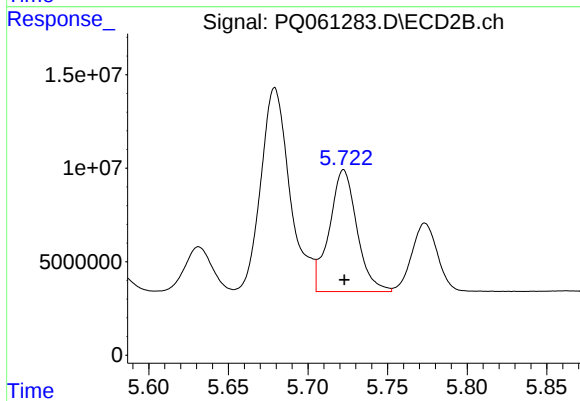
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 181275716
Conc: 498.92 ng/ml



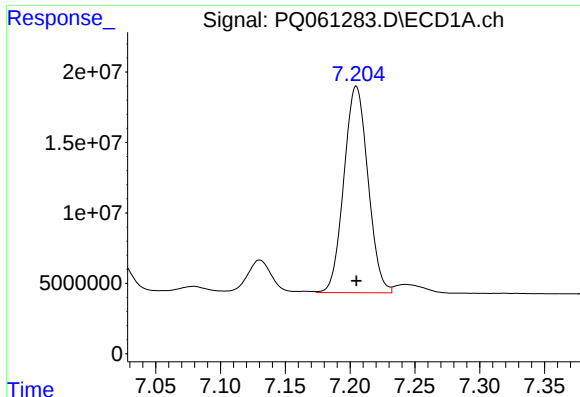
#36 AR-1262-1

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 82070149
Conc: 260.46 ng/ml



#36 AR-1262-1

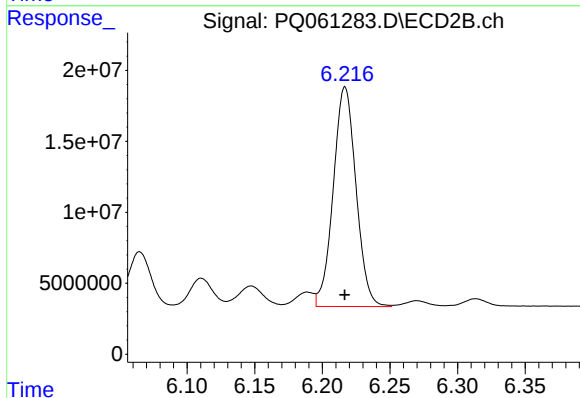
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 78405497
Conc: 315.33 ng/ml



#37 AR-1262-2

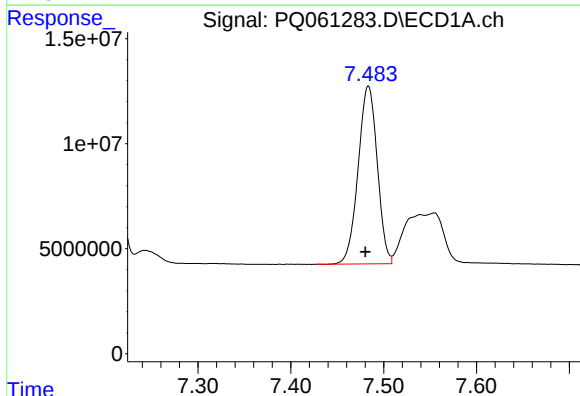
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 189623162
Conc: 346.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



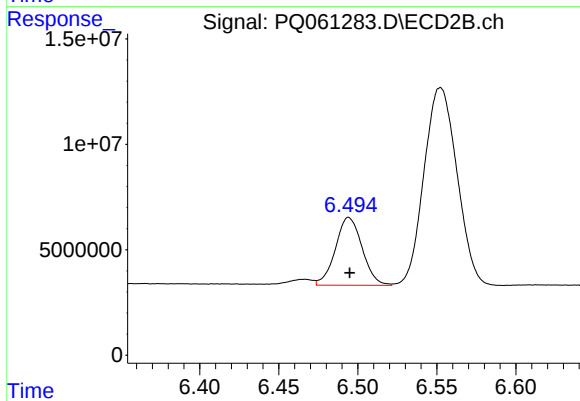
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 181275716
Conc: 397.35 ng/ml



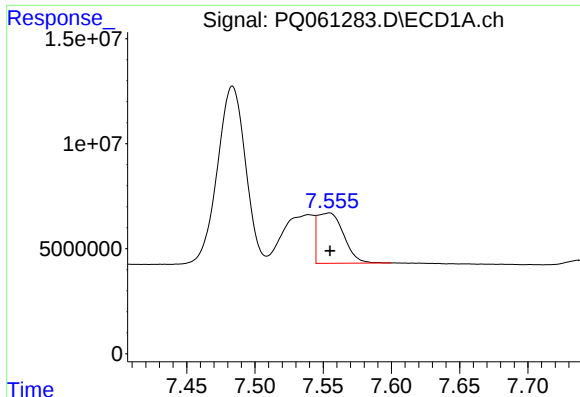
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.003 min
Response: 121141073
Conc: 332.26 ng/ml



#38 AR-1262-3

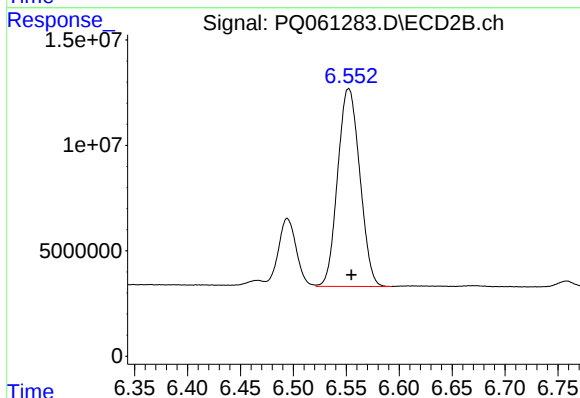
R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 37797138
Conc: 202.27 ng/ml



#39 AR-1262-4

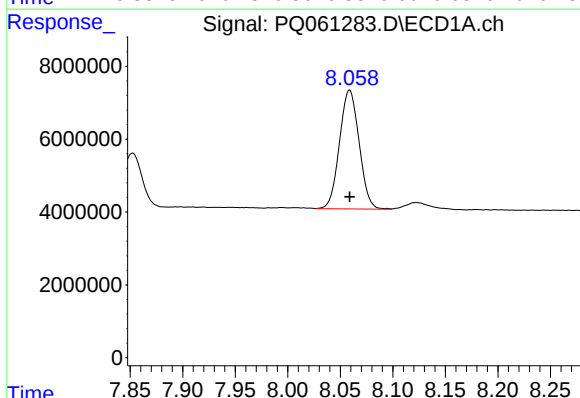
R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 32226821
Conc: 115.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



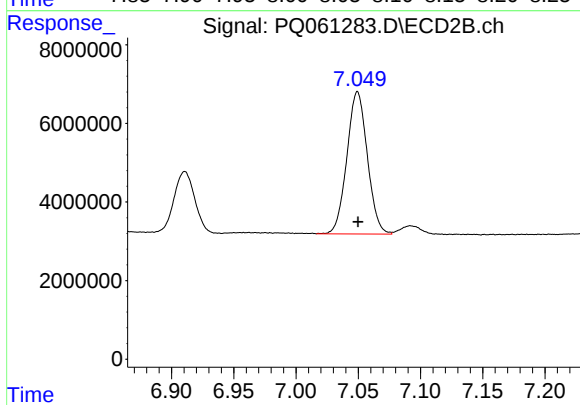
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 136379272
Conc: 392.53 ng/ml



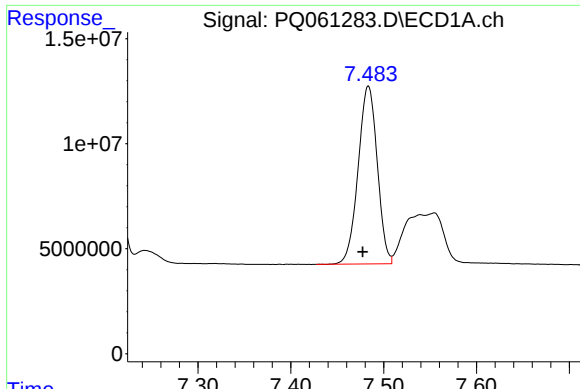
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 42387191
Conc: 227.79 ng/ml



#40 AR-1262-5

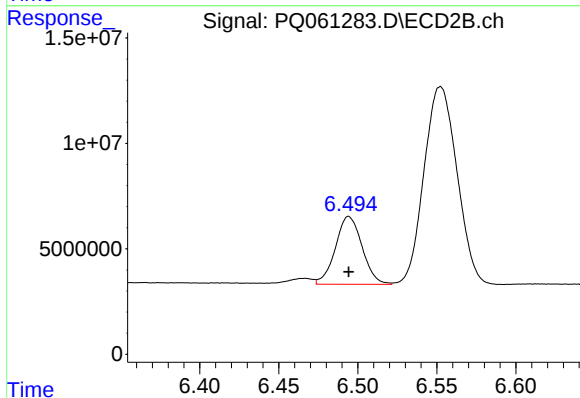
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 41454314
Conc: 246.12 ng/ml



#41 AR-1268-1

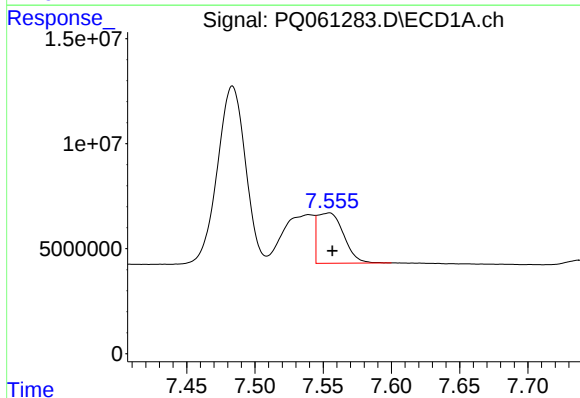
R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 121141073
Conc: 197.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



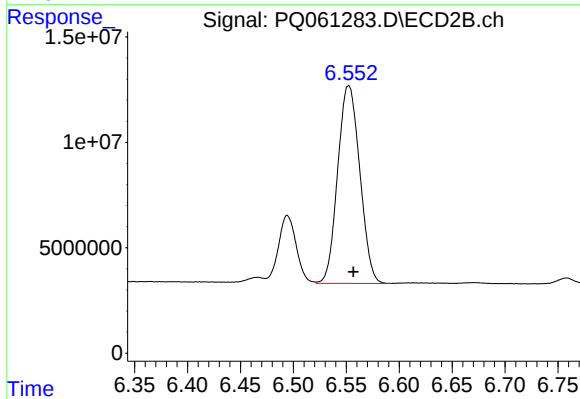
#41 AR-1268-1

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 37797138
Conc: 71.01 ng/ml



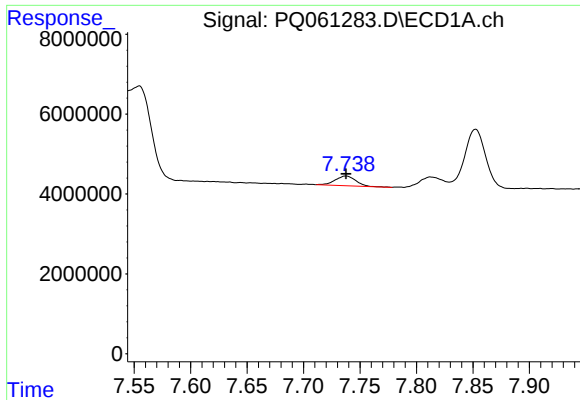
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 32226821
Conc: 58.04 ng/ml



#42 AR-1268-2

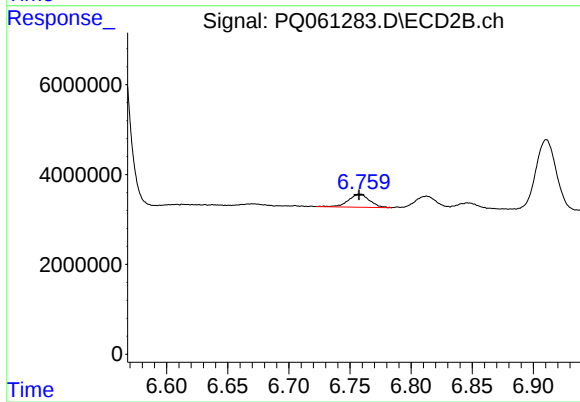
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 136379272
Conc: 282.12 ng/ml



#43 AR-1268-3

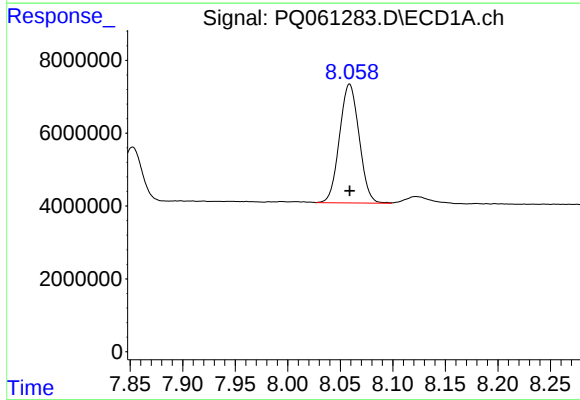
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 3099146
Conc: 6.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



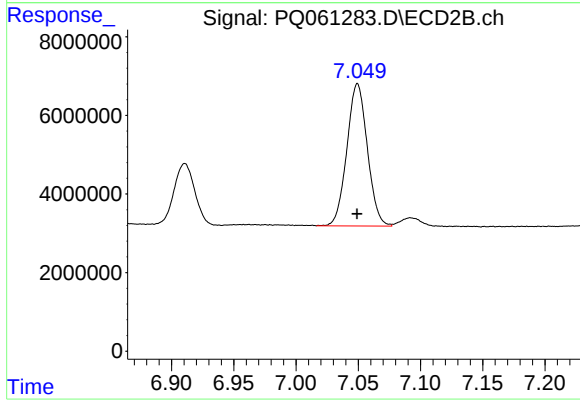
#43 AR-1268-3

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 3488067
Conc: 8.33 ng/ml



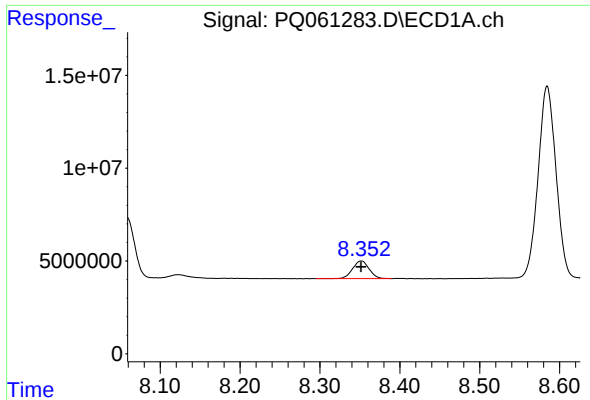
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 42387191
Conc: 208.82 ng/ml



#44 AR-1268-4

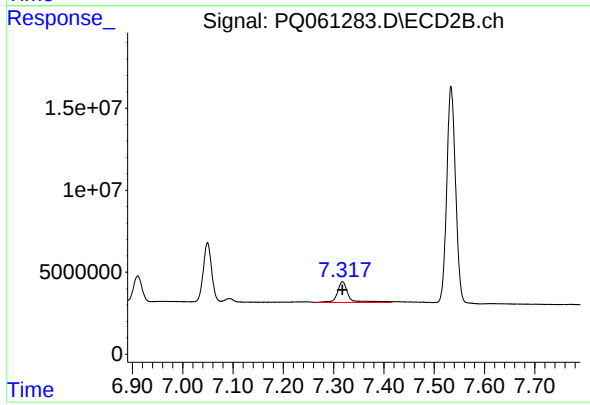
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 41454314
Conc: 223.91 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 13523466
Conc: 9.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 19417906
Conc: 14.41 ng/ml