

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082123\
 Data File : PQ063116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 14:44
 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: Aug 21 22:37:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 11 13:27:22 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...	3.454	2.783	239.2E6	175.3E6	44.524	42.497
2)	SA Decachlor...	8.686	7.592	186.1E6	178.9E6	48.064	41.357
Target Compounds							
3)	L1 AR-1016-1	4.565	3.795	87747671	69912373	450.974	438.690
4)	L1 AR-1016-2	4.585	3.811	126.9E6	93107882	457.359	435.750
5)	L1 AR-1016-3	4.643	3.973	78583965	53346936	459.546	446.205
6)	L1 AR-1016-4	4.736	4.022	64548537	42995009	458.672	443.127
7)	L1 AR-1016-5	5.026	4.218	64714973	55709196	470.334	442.700
8)	L2 AR-1221-1	3.652	2.987	9759119	8416701	143.419	153.388
9)	L2 AR-1221-2	3.735	3.064	11731255	9567391	245.880	253.650
10)	L2 AR-1221-3	3.806	3.134	47752009	36443001	309.416	302.874
11)	L3 AR-1232-1	3.806	3.134	47752009	36443001	369.595	374.022
12)	L3 AR-1232-2	4.304	3.811	66396426	93107882	952.001	957.183
13)	L3 AR-1232-3	4.585	3.973	126.9E6	53346936	1038.584	1004.703
14)	L3 AR-1232-4	4.736	4.059	64548537	48436932	1069.765	1055.313
15)	L3 AR-1232-5	4.834	4.218	50505610	55709196	1157.152	1027.415
16)	L4 AR-1242-1	4.565	3.795	87747671	69912373	519.901	484.097
17)	L4 AR-1242-2	4.585	3.811	126.9E6	93107882	526.231	490.098
18)	L4 AR-1242-3	4.643	3.973	78583965	53346936	536.477	494.277
19)	L4 AR-1242-4	4.736	4.059	64548537	48436932	521.654	486.173
20)	L4 AR-1242-5	5.458	4.557	17384170	55250545	131.541	408.642 #
21)	L5 AR-1248-1	4.565	3.795	87747671	69912373	659.012	625.848
22)	L5 AR-1248-2	4.834	4.022	50505610	42995009	289.011	272.265
23)	L5 AR-1248-3	5.026	4.059	64714973	48436932	306.021	317.620
24)	L5 AR-1248-4	5.422	4.218	23068197	55709196	96.819	292.957 #
25)	L5 AR-1248-5	5.458	4.595	17384170	15357928	74.809	79.406
26)	L6 AR-1254-1	5.394	4.557	58516709	55250545	267.193	205.919
27)	L6 AR-1254-2	5.614	4.705	51855213	41024540	153.125	174.785
28)	L6 AR-1254-3	5.970	5.090	25076451	18772355	69.945	49.640 #
29)	L6 AR-1254-4	6.254	5.317	17806681	8008485	65.722	32.781 #
30)	L6 AR-1254-5	6.669	5.726	166.8E6	165.9E6	603.405	480.752
31)	L7 AR-1260-1	6.135	5.220	121.3E6	119.6E6	474.514	479.174
32)	L7 AR-1260-2	6.397	5.410	145.1E6	146.6E6	477.908	476.172
33)	L7 AR-1260-3	6.753	5.553	108.7E6	136.6E6	515.691	440.980
34)	L7 AR-1260-4	6.971	6.019	126.2E6	109.2E6	526.484	445.129
35)	L7 AR-1260-5	7.283	6.265	250.3E6	240.4E6	533.613	439.876
36)	L8 AR-1262-1	6.753	5.820	108.7E6	58014811	336.617	406.310
37)	L8 AR-1262-2	7.283	6.019	250.3E6	109.2E6	461.317	349.290
38)	L8 AR-1262-3	7.563	6.545	155.6E6	57009903	430.903	226.150 #
39)	L8 AR-1262-4	7.635	6.604	96384476	178.9E6	343.875	382.755
40)	L8 AR-1262-5	8.143	7.102	61740621	62875529	328.483	286.148
41)	L9 AR-1268-1	7.563	6.545	155.6E6	57009903	240.676	76.392 #

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 Operator : YP\AJ
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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

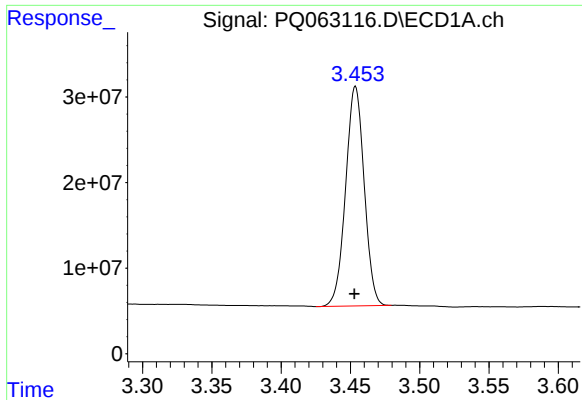
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:37:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080923.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	7.635	6.604	96384476	178.9E6	160.727	260.605 #
43) L9	AR-1268-3	7.818	6.811	3610062	4245731	7.332	7.234
44) L9	AR-1268-4	8.143	7.102	61740621	62875529	287.785	246.922
45) L9	AR-1268-5	8.444	7.372	16546206	17494634	10.736	9.876

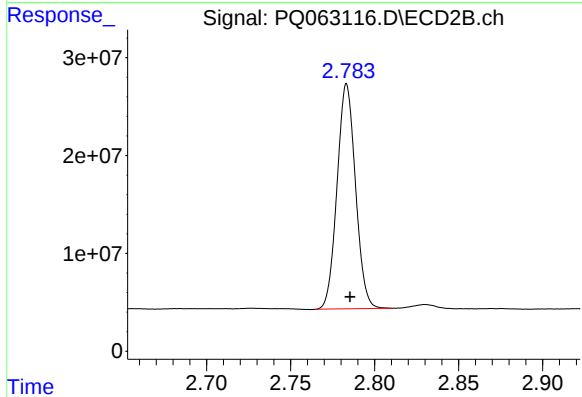
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

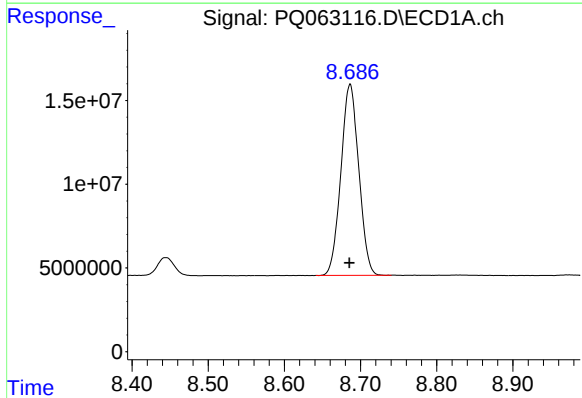
R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 239246936
Conc: 44.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



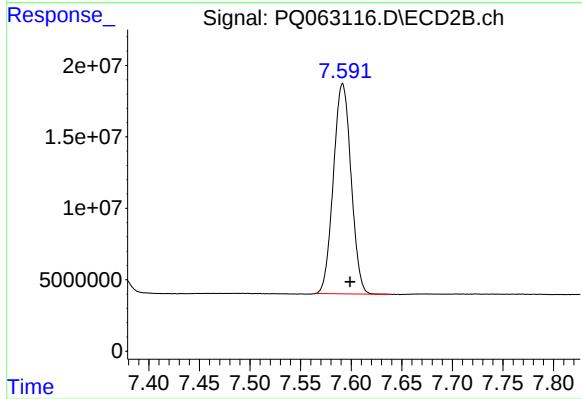
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.002 min
Response: 175270929
Conc: 42.50 ng/ml



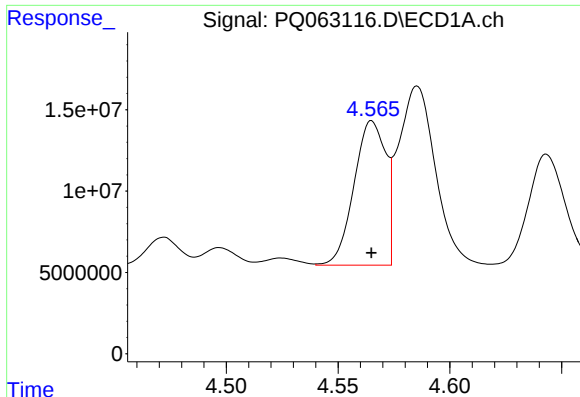
#2 Decachlorobiphenyl

R.T.: 8.686 min
Delta R.T.: 0.000 min
Response: 186093650
Conc: 48.06 ng/ml



#2 Decachlorobiphenyl

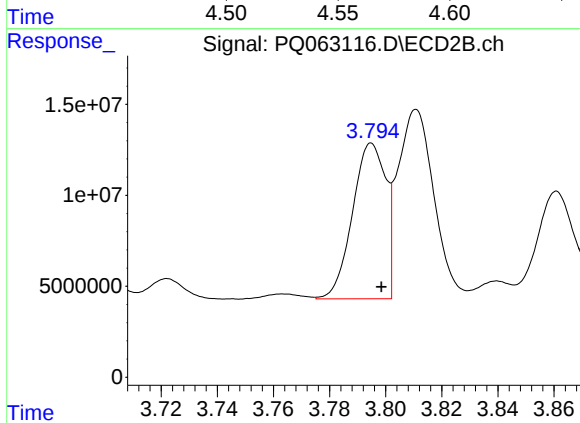
R.T.: 7.592 min
Delta R.T.: -0.007 min
Response: 178882365
Conc: 41.36 ng/ml



#3 AR-1016-1

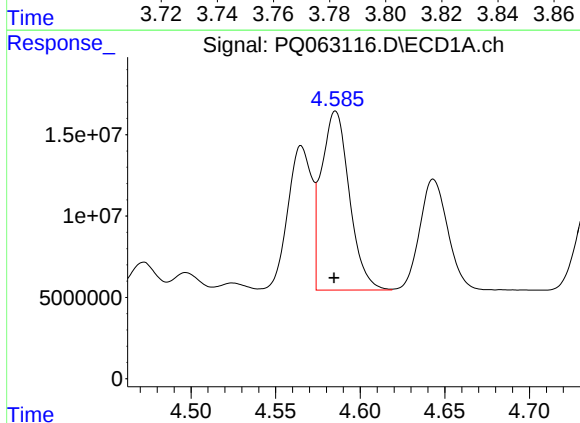
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 87747671
Conc: 450.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



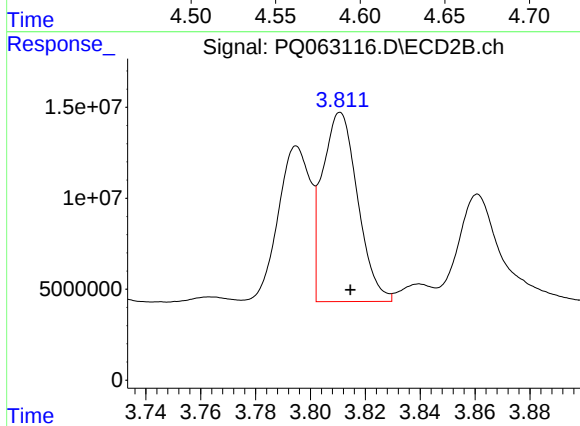
#3 AR-1016-1

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 69912373
Conc: 438.69 ng/ml



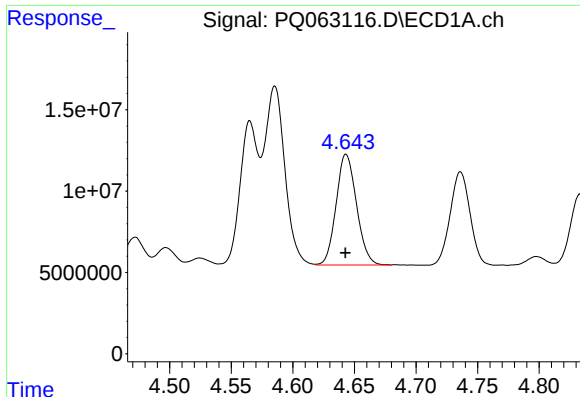
#4 AR-1016-2

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 126906345
Conc: 457.36 ng/ml



#4 AR-1016-2

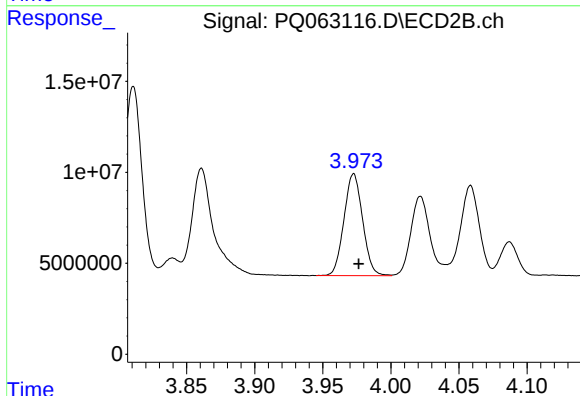
R.T.: 3.811 min
Delta R.T.: -0.004 min
Response: 93107882
Conc: 435.75 ng/ml



#5 AR-1016-3

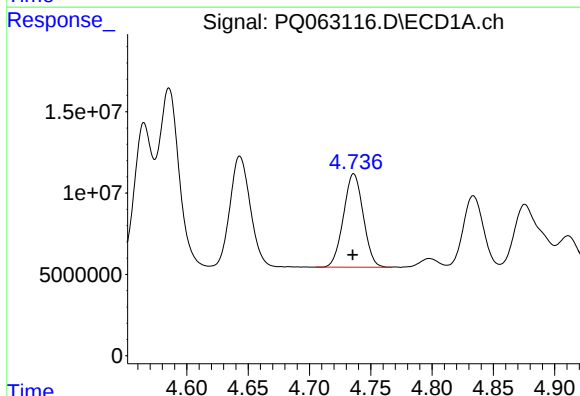
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 78583965
Conc: 459.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



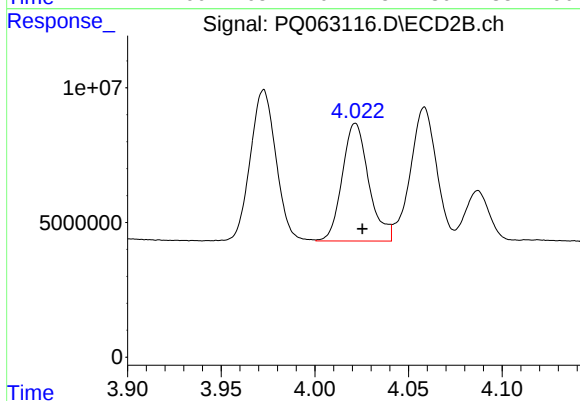
#5 AR-1016-3

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 53346936
Conc: 446.21 ng/ml



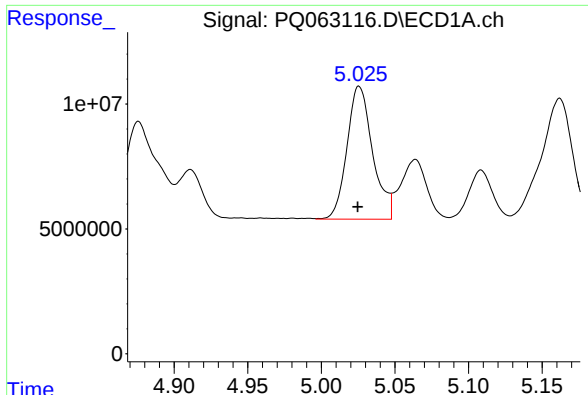
#6 AR-1016-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 64548537
Conc: 458.67 ng/ml



#6 AR-1016-4

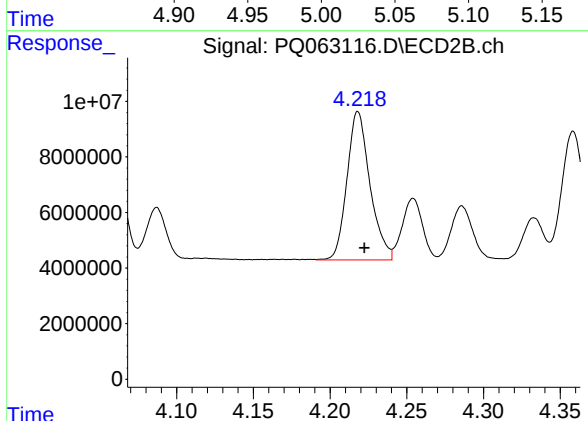
R.T.: 4.022 min
Delta R.T.: -0.004 min
Response: 42995009
Conc: 443.13 ng/ml



#7 AR-1016-5

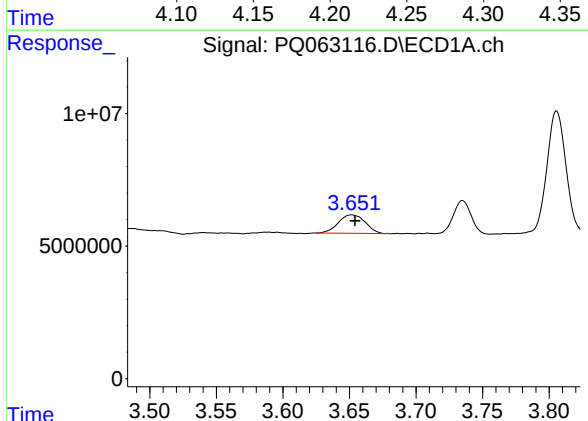
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64714973
Conc: 470.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



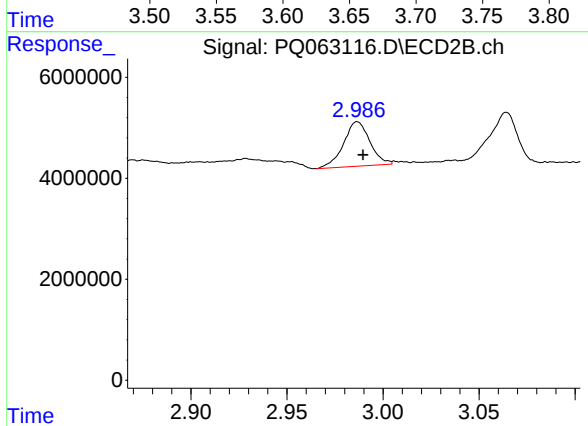
#7 AR-1016-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 55709196
Conc: 442.70 ng/ml



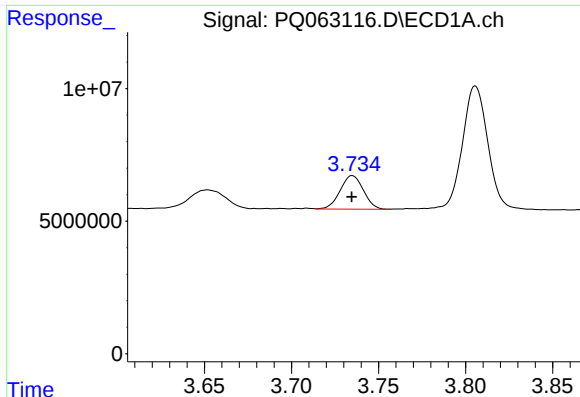
#8 AR-1221-1

R.T.: 3.652 min
Delta R.T.: -0.003 min
Response: 9759119
Conc: 143.42 ng/ml



#8 AR-1221-1

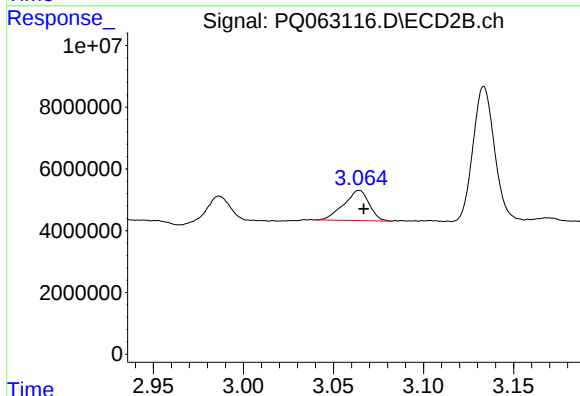
R.T.: 2.987 min
Delta R.T.: -0.003 min
Response: 8416701
Conc: 153.39 ng/ml



#9 AR-1221-2

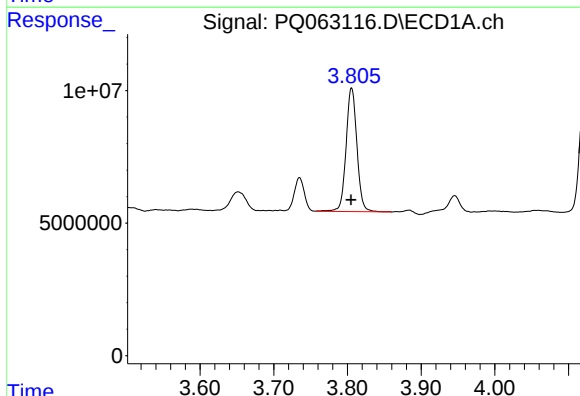
R.T.: 3.735 min
Delta R.T.: 0.000 min
Response: 11731255
Conc: 245.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



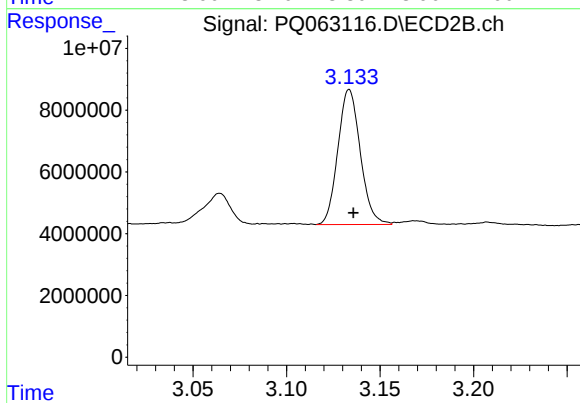
#9 AR-1221-2

R.T.: 3.064 min
Delta R.T.: -0.003 min
Response: 9567391
Conc: 253.65 ng/ml



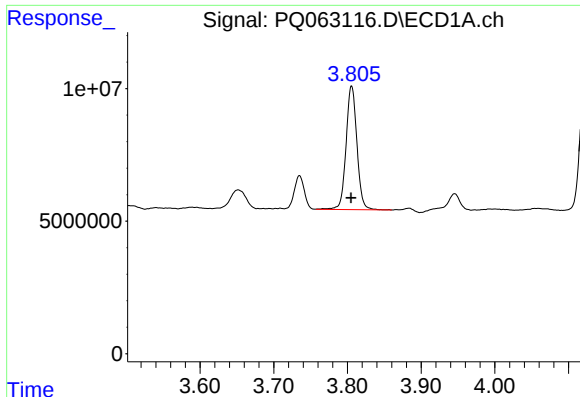
#10 AR-1221-3

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 47752009
Conc: 309.42 ng/ml



#10 AR-1221-3

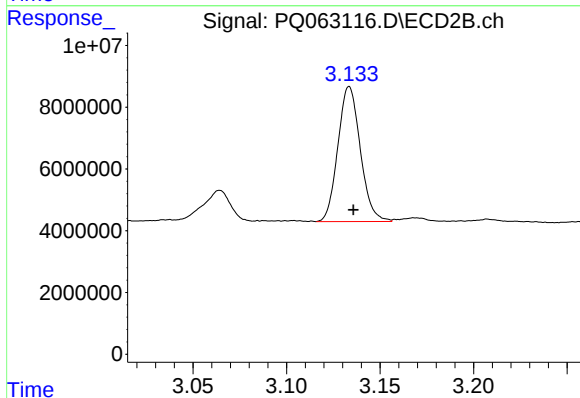
R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 36443001
Conc: 302.87 ng/ml



#11 AR-1232-1

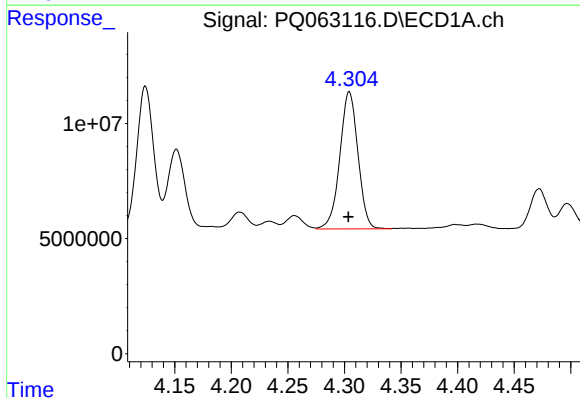
R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 47752009
Conc: 369.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



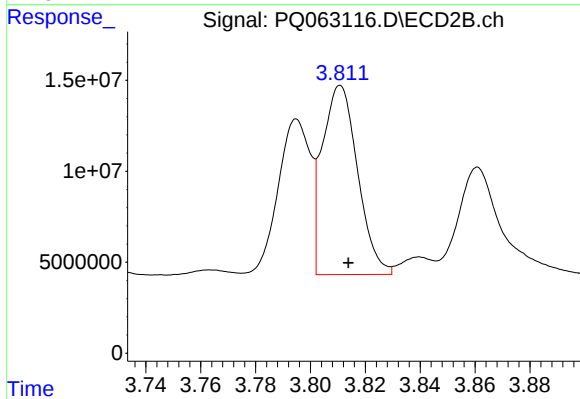
#11 AR-1232-1

R.T.: 3.134 min
Delta R.T.: -0.002 min
Response: 36443001
Conc: 374.02 ng/ml



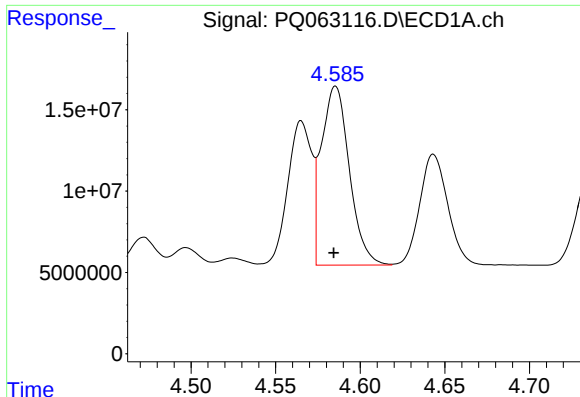
#12 AR-1232-2

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 66396426
Conc: 952.00 ng/ml



#12 AR-1232-2

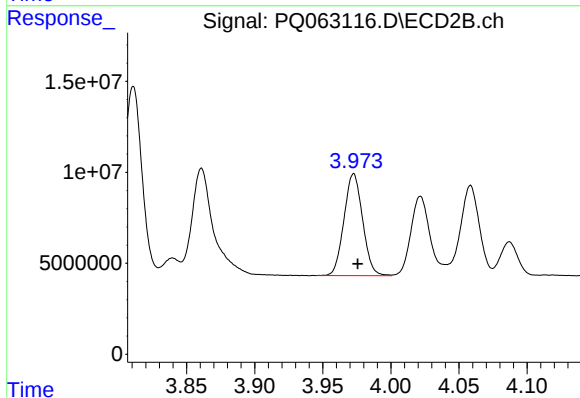
R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 93107882
Conc: 957.18 ng/ml



#13 AR-1232-3

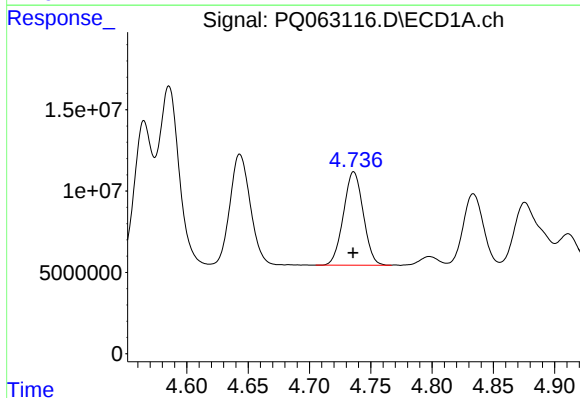
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 126906345
Conc: 1038.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



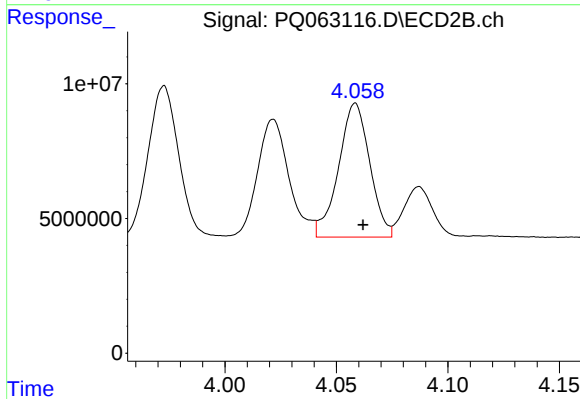
#13 AR-1232-3

R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 53346936
Conc: 1004.70 ng/ml



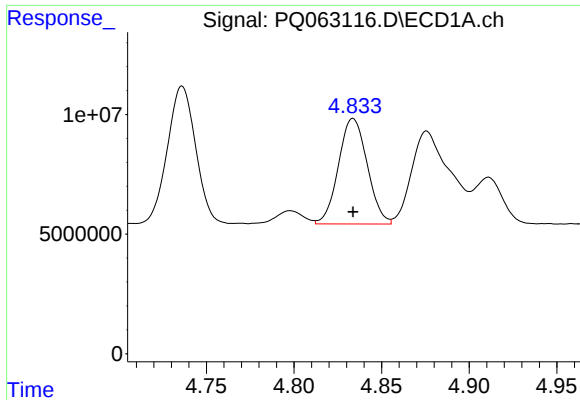
#14 AR-1232-4

R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 64548537
Conc: 1069.77 ng/ml



#14 AR-1232-4

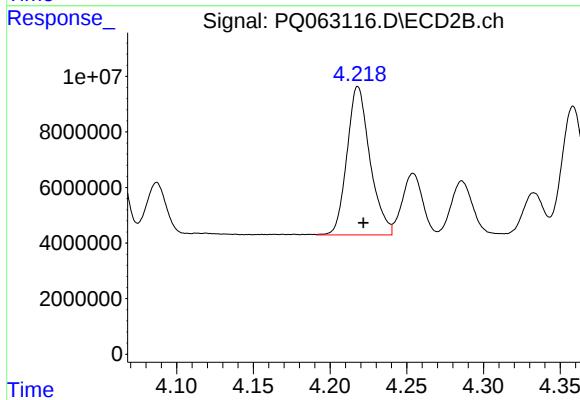
R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 48436932
Conc: 1055.31 ng/ml



#15 AR-1232-5

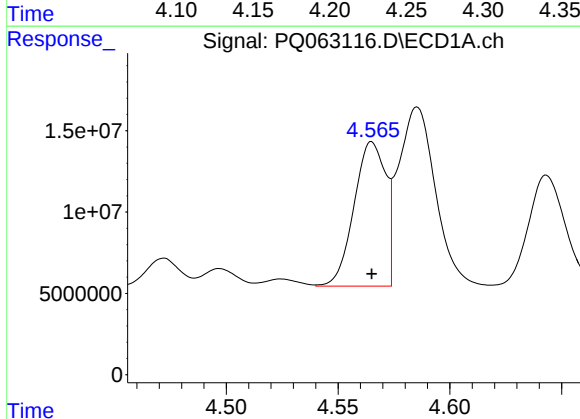
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 50505610
Conc: 1157.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



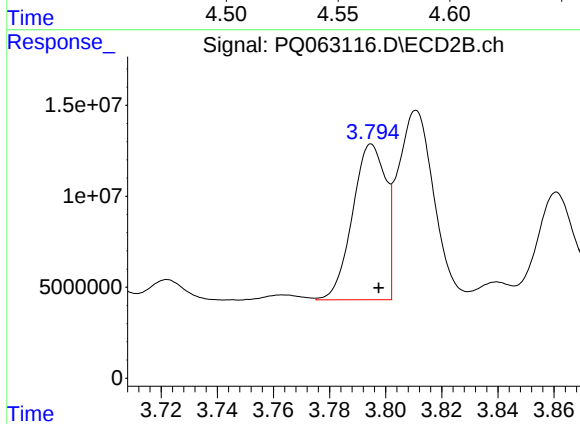
#15 AR-1232-5

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 55709196
Conc: 1027.42 ng/ml



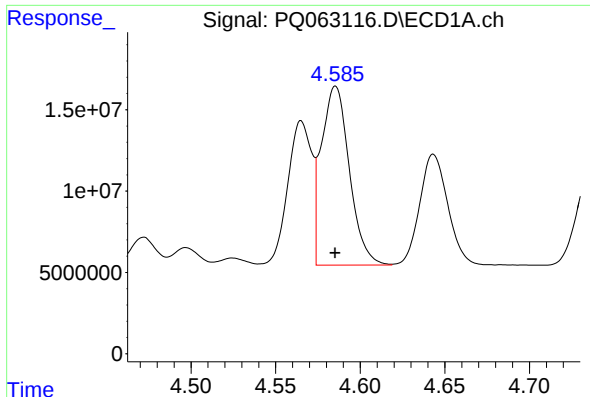
#16 AR-1242-1

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 87747671
Conc: 519.90 ng/ml



#16 AR-1242-1

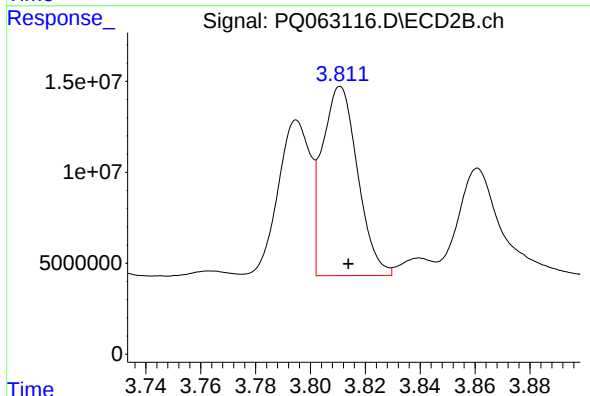
R.T.: 3.795 min
Delta R.T.: -0.003 min
Response: 69912373
Conc: 484.10 ng/ml



#17 AR-1242-2

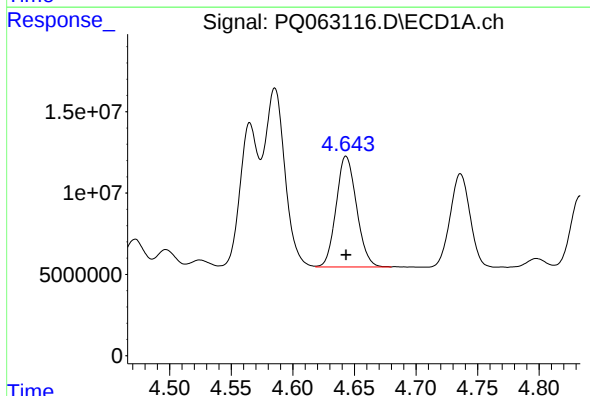
R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 126906345
Conc: 526.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



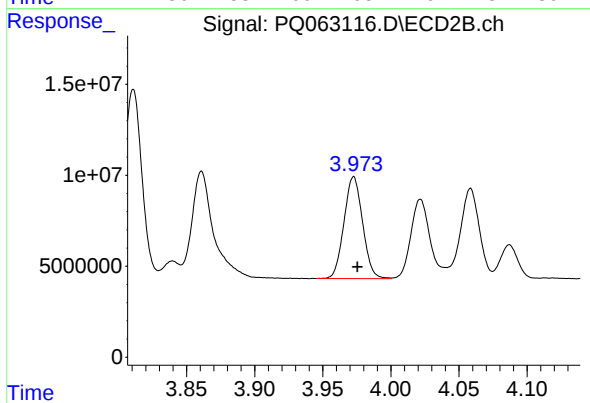
#17 AR-1242-2

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 93107882
Conc: 490.10 ng/ml



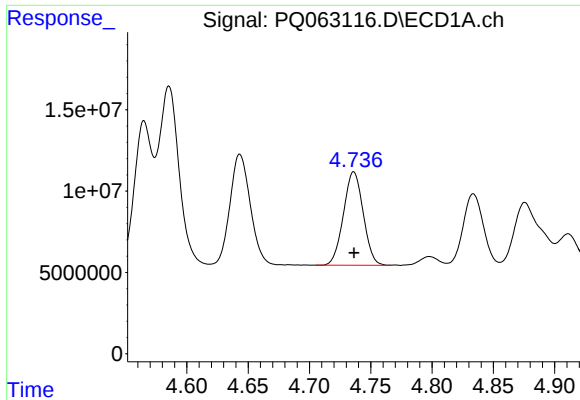
#18 AR-1242-3

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 78583965
Conc: 536.48 ng/ml



#18 AR-1242-3

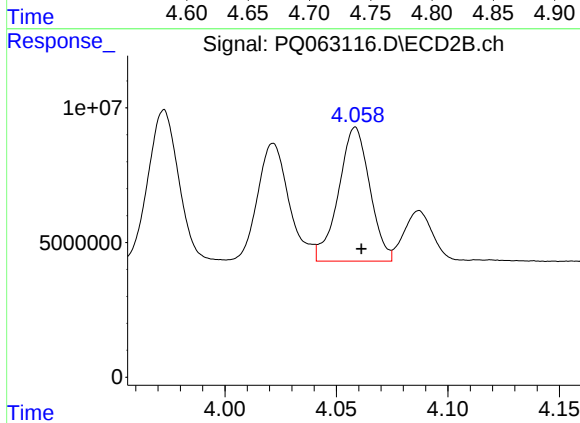
R.T.: 3.973 min
Delta R.T.: -0.003 min
Response: 53346936
Conc: 494.28 ng/ml



#19 AR-1242-4

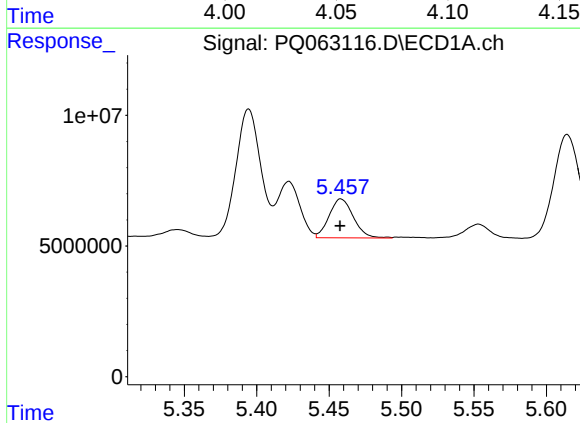
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 64548537
Conc: 521.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



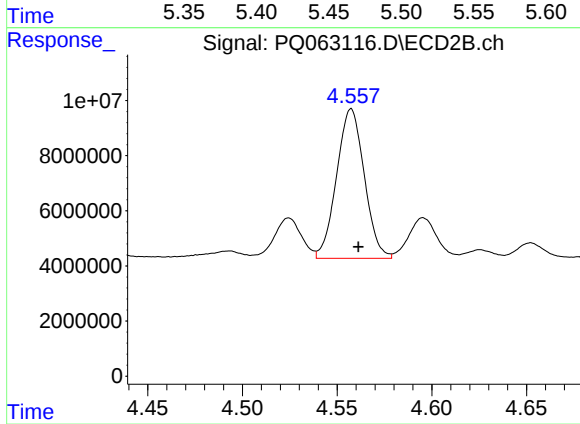
#19 AR-1242-4

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 48436932
Conc: 486.17 ng/ml



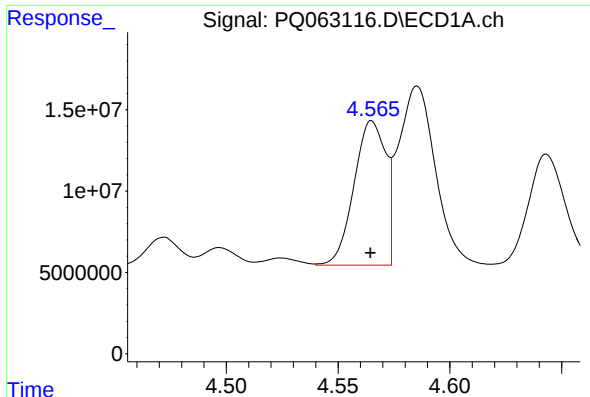
#20 AR-1242-5

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 17384170
Conc: 131.54 ng/ml



#20 AR-1242-5

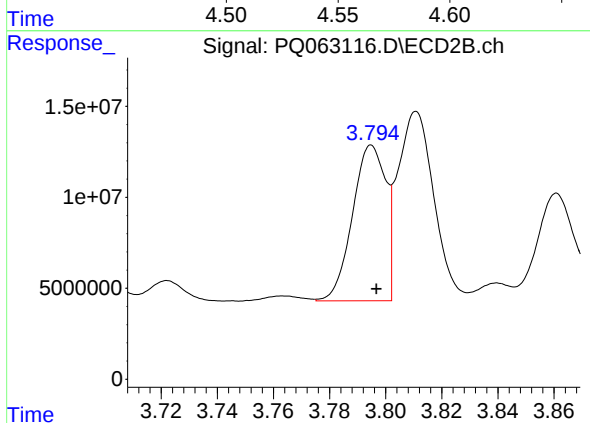
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 55250545
Conc: 408.64 ng/ml



#21 AR-1248-1

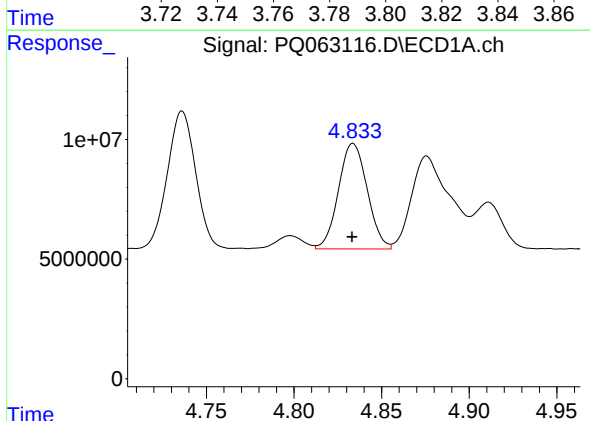
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 87747671
Conc: 659.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



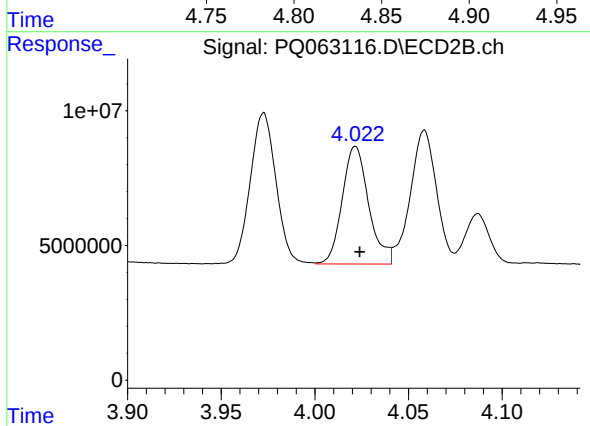
#21 AR-1248-1

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 69912373
Conc: 625.85 ng/ml



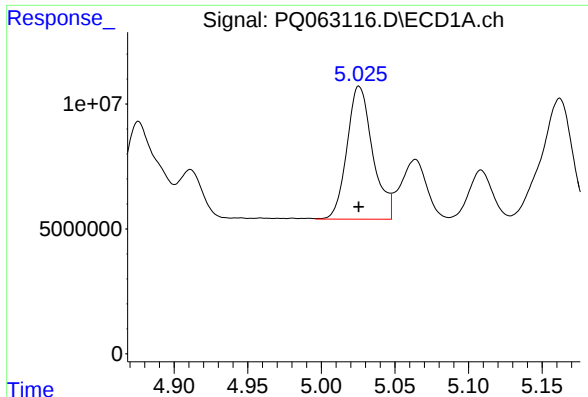
#22 AR-1248-2

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 50505610
Conc: 289.01 ng/ml



#22 AR-1248-2

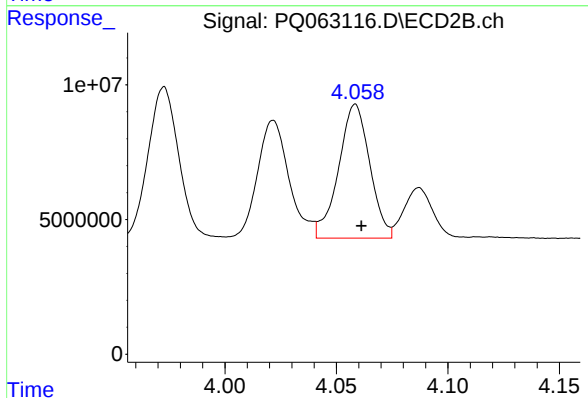
R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 42995009
Conc: 272.26 ng/ml



#23 AR-1248-3

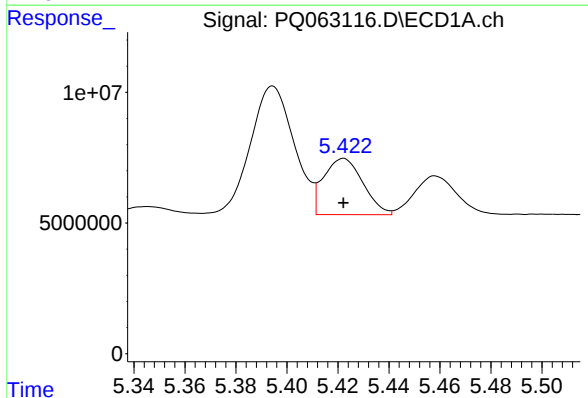
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 64714973
Conc: 306.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



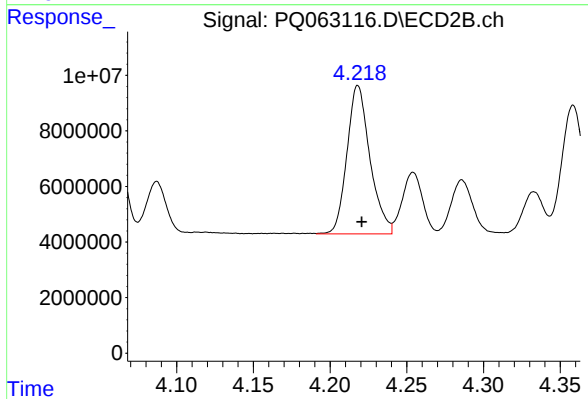
#23 AR-1248-3

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 48436932
Conc: 317.62 ng/ml



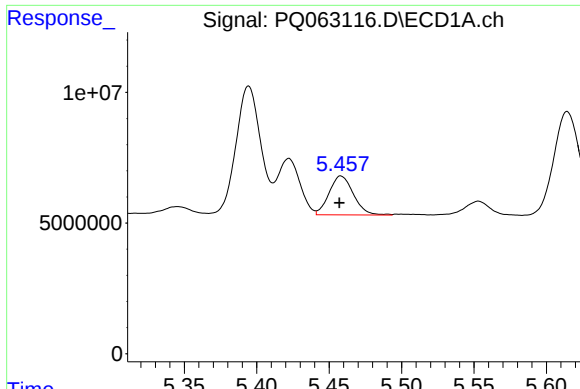
#24 AR-1248-4

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 23068197
Conc: 96.82 ng/ml



#24 AR-1248-4

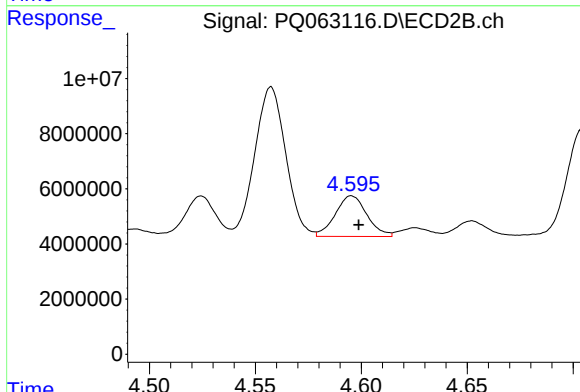
R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 55709196
Conc: 292.96 ng/ml



#25 AR-1248-5

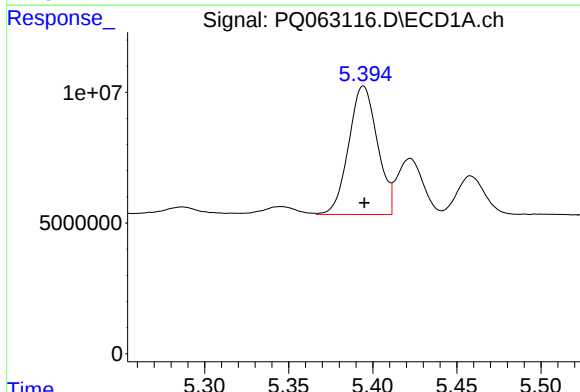
R.T.: 5.458 min
Delta R.T.: 0.001 min
Response: 17384170
Conc: 74.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



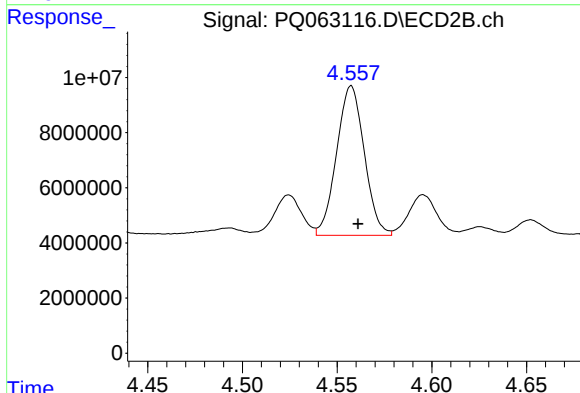
#25 AR-1248-5

R.T.: 4.595 min
Delta R.T.: -0.004 min
Response: 15357928
Conc: 79.41 ng/ml



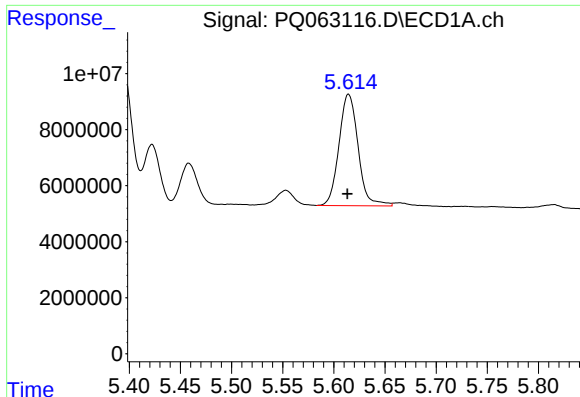
#26 AR-1254-1

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 58516709
Conc: 267.19 ng/ml



#26 AR-1254-1

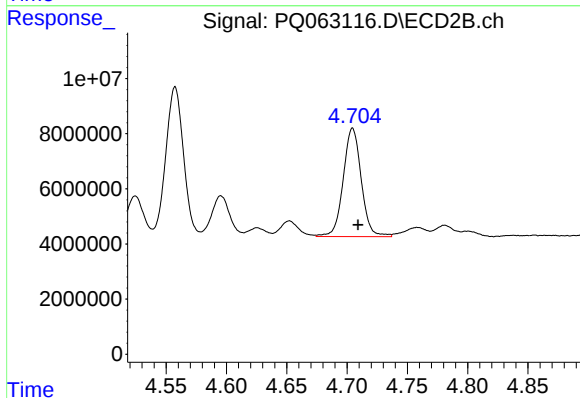
R.T.: 4.557 min
Delta R.T.: -0.004 min
Response: 55250545
Conc: 205.92 ng/ml



#27 AR-1254-2

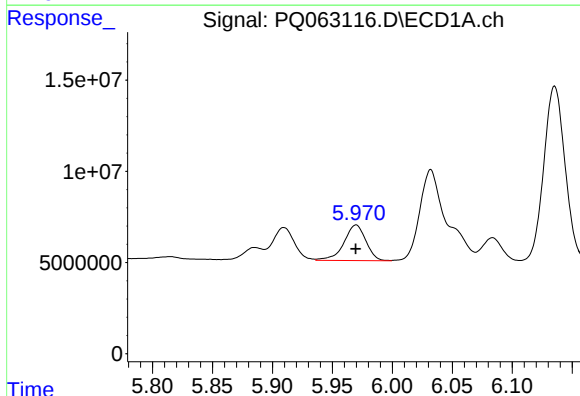
R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 51855213
Conc: 153.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



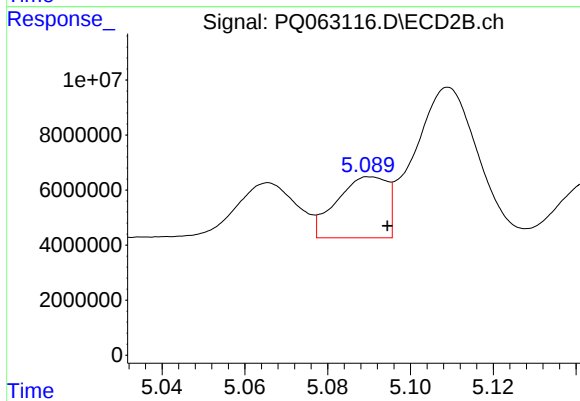
#27 AR-1254-2

R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 41024540
Conc: 174.79 ng/ml



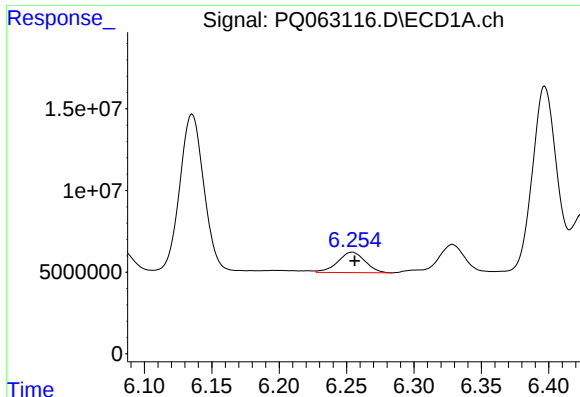
#28 AR-1254-3

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 25076451
Conc: 69.95 ng/ml



#28 AR-1254-3

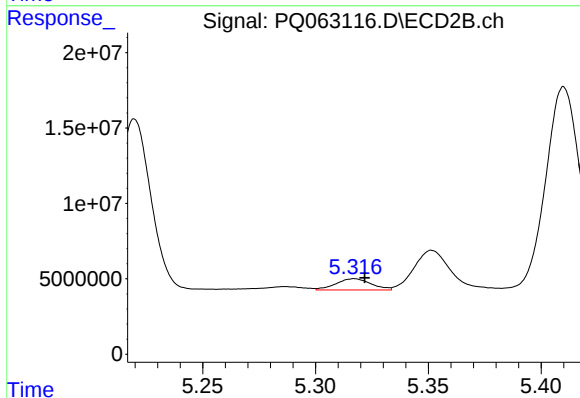
R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 18772355
Conc: 49.64 ng/ml



#29 AR-1254-4

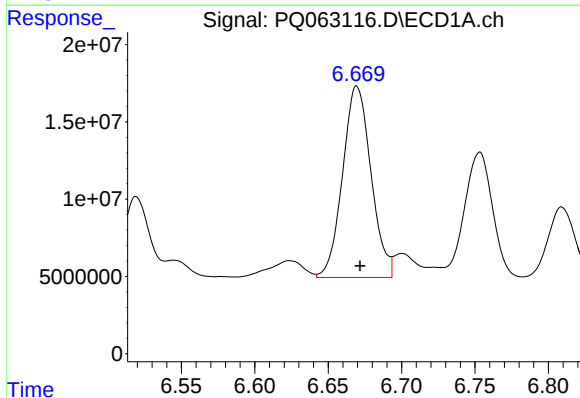
R.T.: 6.254 min
Delta R.T.: -0.002 min
Response: 17806681
Conc: 65.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



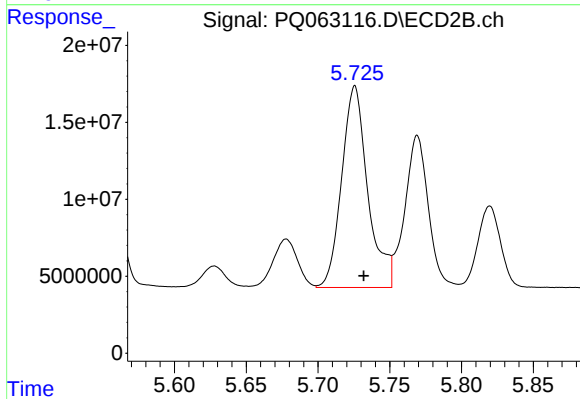
#29 AR-1254-4

R.T.: 5.317 min
Delta R.T.: -0.004 min
Response: 8008485
Conc: 32.78 ng/ml



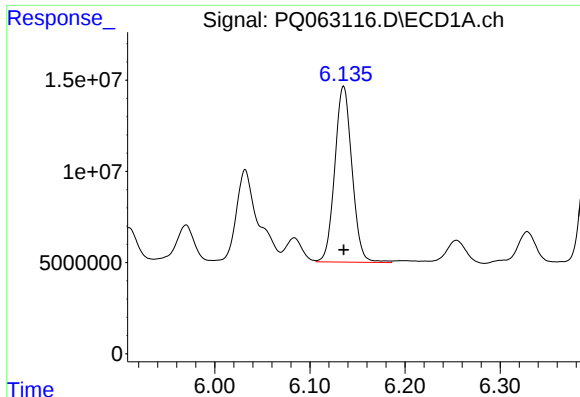
#30 AR-1254-5

R.T.: 6.669 min
Delta R.T.: -0.002 min
Response: 166800353
Conc: 603.41 ng/ml



#30 AR-1254-5

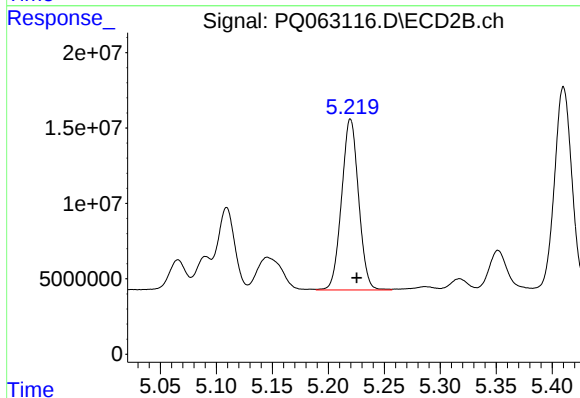
R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 165923966
Conc: 480.75 ng/ml



#31 AR-1260-1

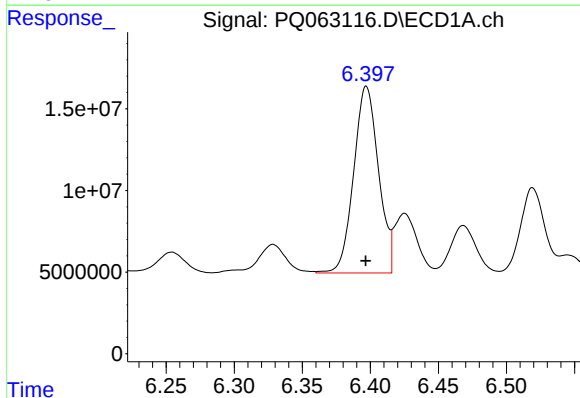
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 121303388
Conc: 474.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



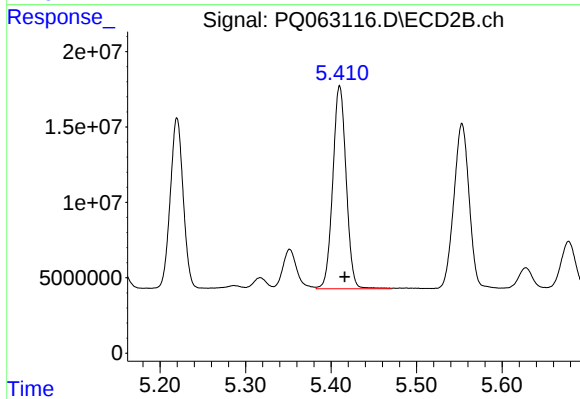
#31 AR-1260-1

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 119591076
Conc: 479.17 ng/ml



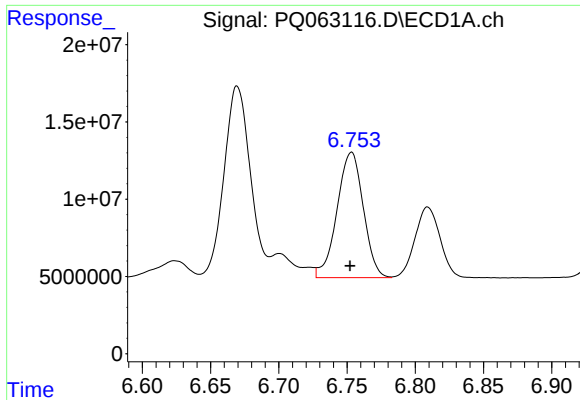
#32 AR-1260-2

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 145050879
Conc: 477.91 ng/ml



#32 AR-1260-2

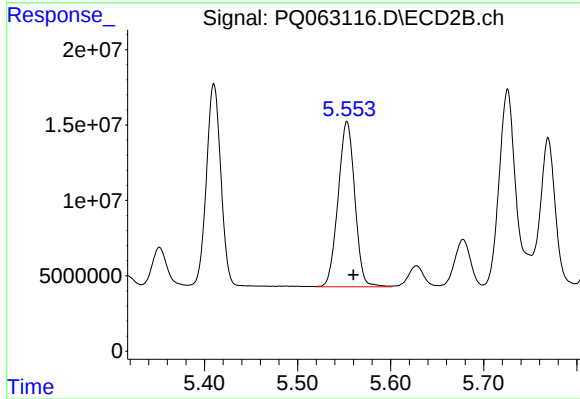
R.T.: 5.410 min
Delta R.T.: -0.006 min
Response: 146649449
Conc: 476.17 ng/ml



#33 AR-1260-3

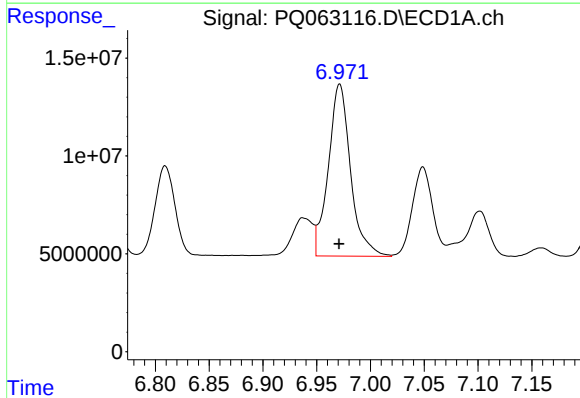
R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 108708940
Conc: 515.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



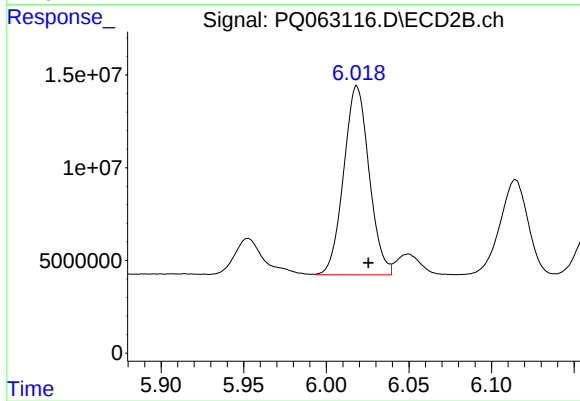
#33 AR-1260-3

R.T.: 5.553 min
Delta R.T.: -0.007 min
Response: 136646275
Conc: 440.98 ng/ml



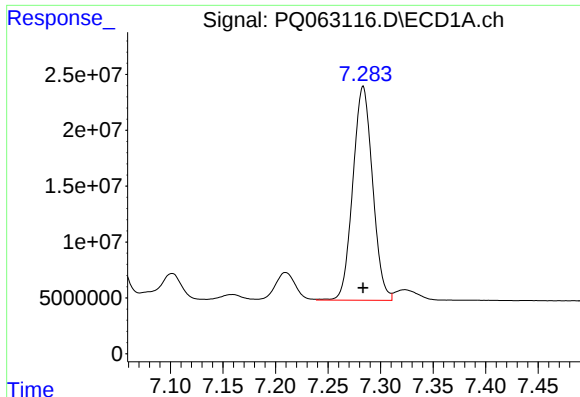
#34 AR-1260-4

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 126174711
Conc: 526.48 ng/ml



#34 AR-1260-4

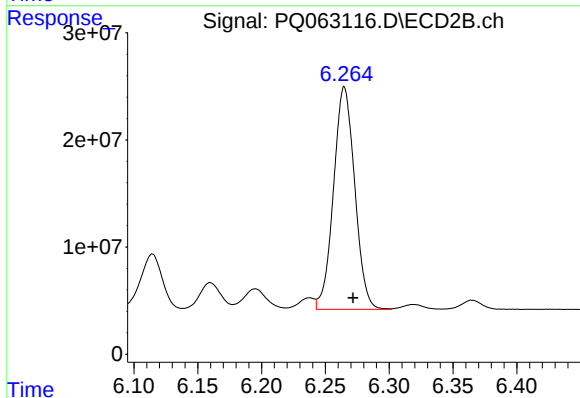
R.T.: 6.019 min
Delta R.T.: -0.007 min
Response: 109152028
Conc: 445.13 ng/ml



#35 AR-1260-5

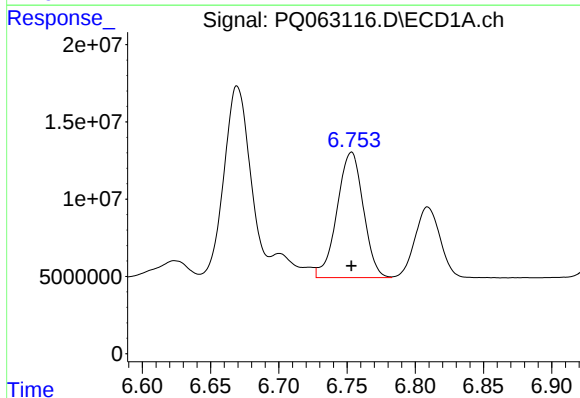
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 250346171
Conc: 533.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



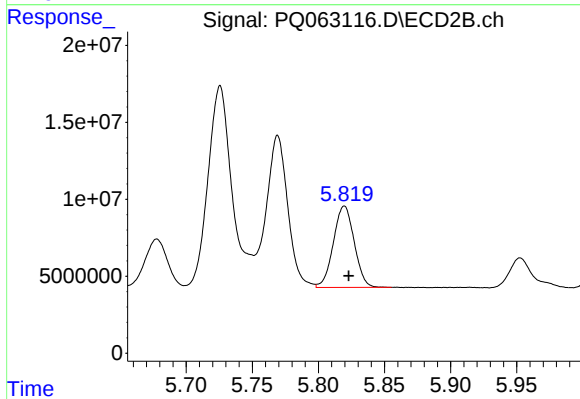
#35 AR-1260-5

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 240401574
Conc: 439.88 ng/ml



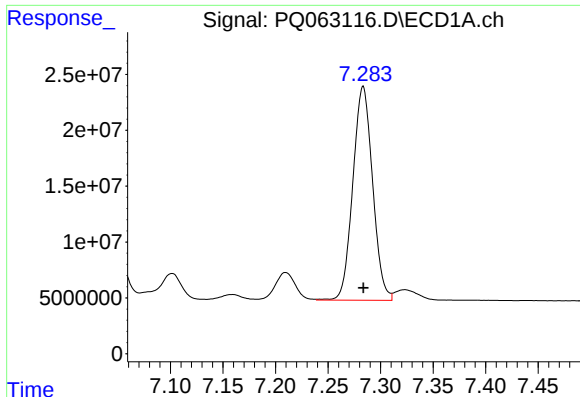
#36 AR-1262-1

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 108708940
Conc: 336.62 ng/ml



#36 AR-1262-1

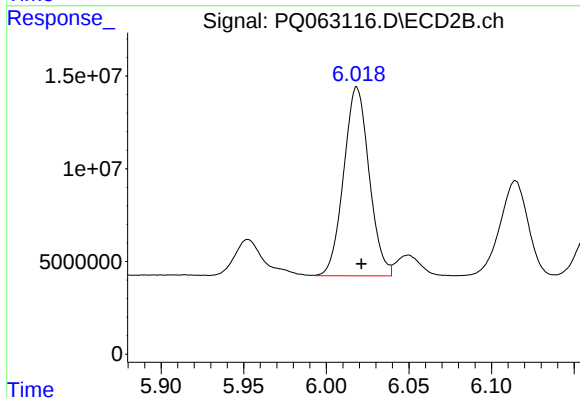
R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 58014811
Conc: 406.31 ng/ml



#37 AR-1262-2

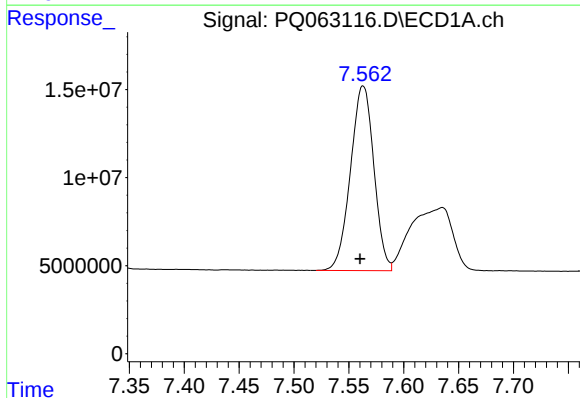
R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 250346171
Conc: 461.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



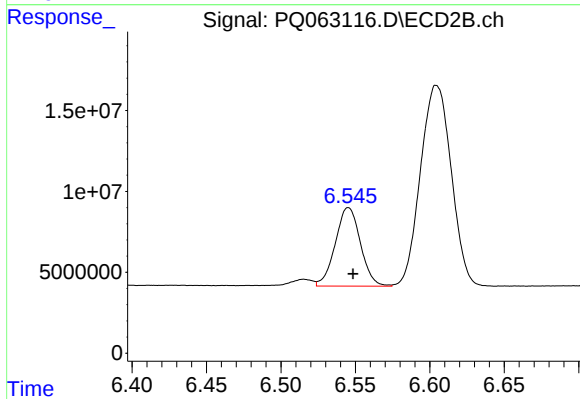
#37 AR-1262-2

R.T.: 6.019 min
Delta R.T.: -0.003 min
Response: 109152028
Conc: 349.29 ng/ml



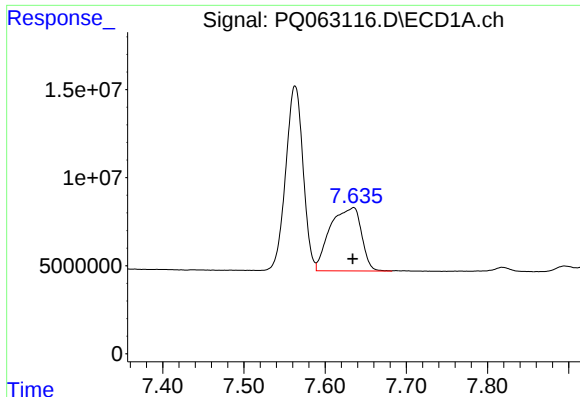
#38 AR-1262-3

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 155648648
Conc: 430.90 ng/ml



#38 AR-1262-3

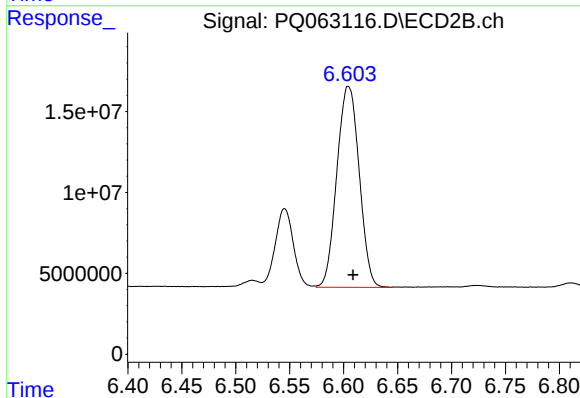
R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 57009903
Conc: 226.15 ng/ml



#39 AR-1262-4

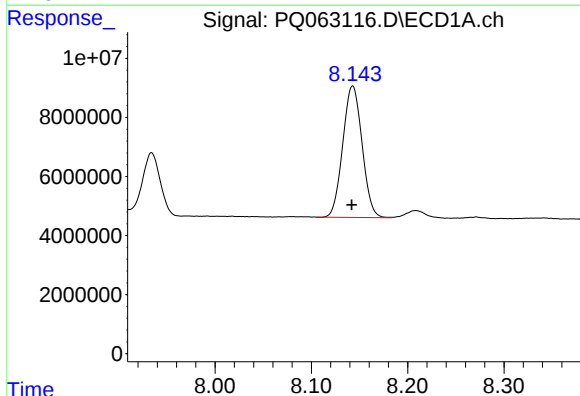
R.T.: 7.635 min
Delta R.T.: 0.001 min
Response: 96384476
Conc: 343.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



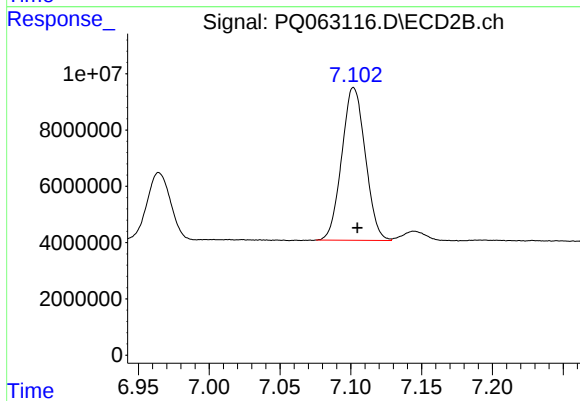
#39 AR-1262-4

R.T.: 6.604 min
Delta R.T.: -0.004 min
Response: 178941018
Conc: 382.75 ng/ml



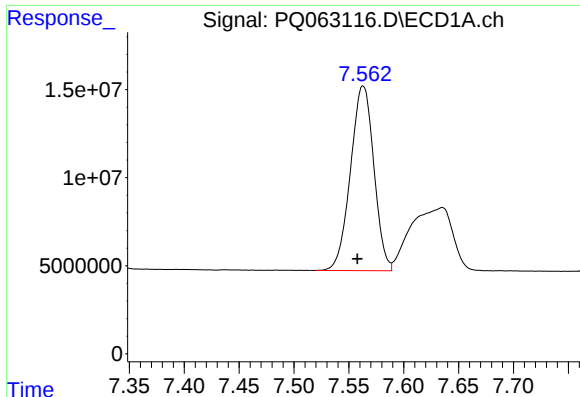
#40 AR-1262-5

R.T.: 8.143 min
Delta R.T.: 0.001 min
Response: 61740621
Conc: 328.48 ng/ml



#40 AR-1262-5

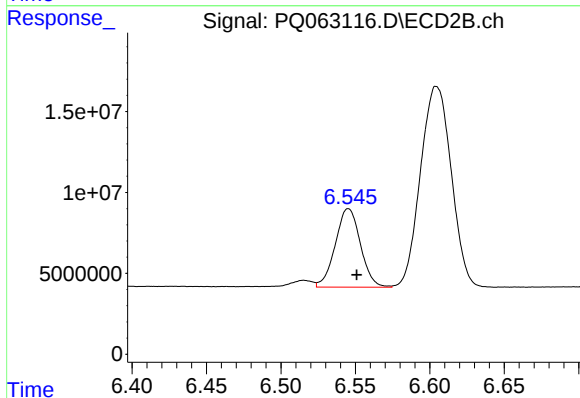
R.T.: 7.102 min
Delta R.T.: -0.003 min
Response: 62875529
Conc: 286.15 ng/ml



#41 AR-1268-1

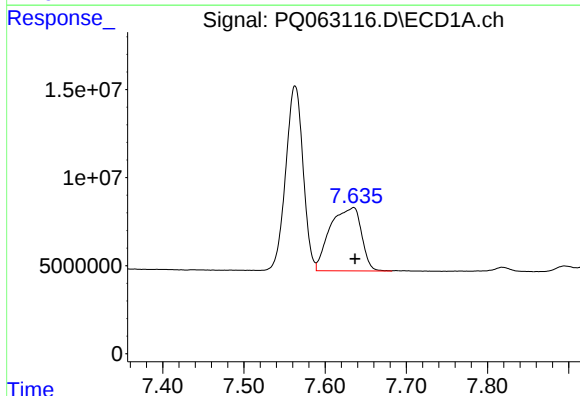
R.T.: 7.563 min
Delta R.T.: 0.005 min
Response: 155648648
Conc: 240.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



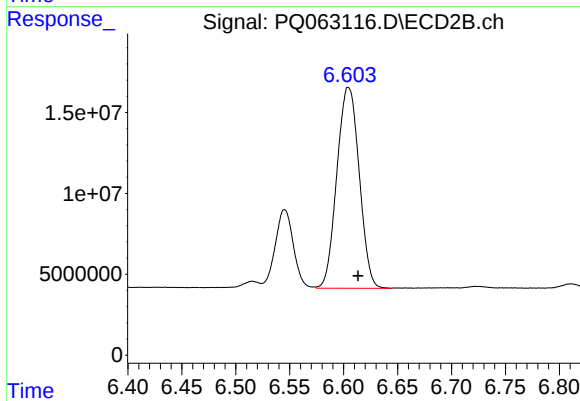
#41 AR-1268-1

R.T.: 6.545 min
Delta R.T.: -0.006 min
Response: 57009903
Conc: 76.39 ng/ml



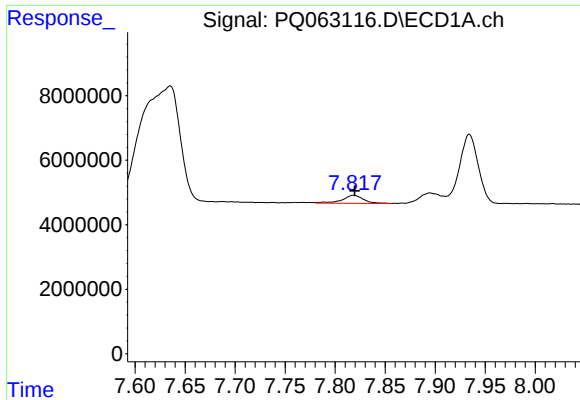
#42 AR-1268-2

R.T.: 7.635 min
Delta R.T.: -0.002 min
Response: 96384476
Conc: 160.73 ng/ml



#42 AR-1268-2

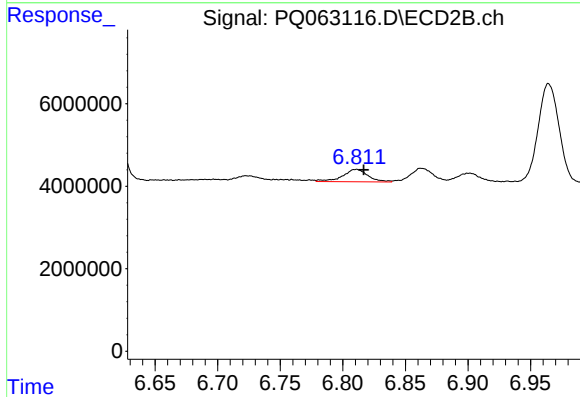
R.T.: 6.604 min
Delta R.T.: -0.009 min
Response: 178941018
Conc: 260.60 ng/ml



#43 AR-1268-3

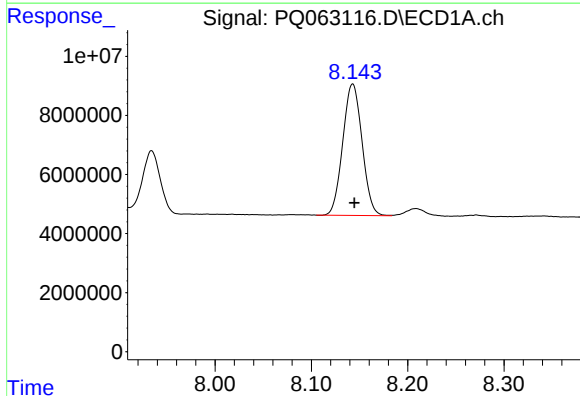
R.T.: 7.818 min
Delta R.T.: -0.002 min
Response: 3610062
Conc: 7.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



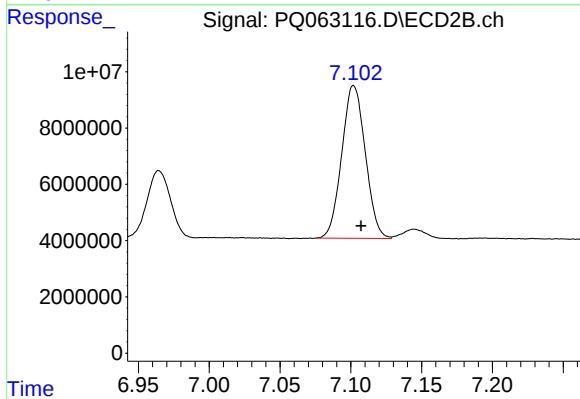
#43 AR-1268-3

R.T.: 6.811 min
Delta R.T.: -0.006 min
Response: 4245731
Conc: 7.23 ng/ml



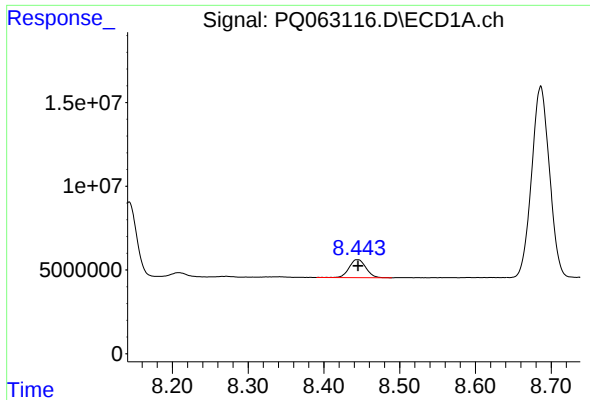
#44 AR-1268-4

R.T.: 8.143 min
Delta R.T.: -0.002 min
Response: 61740621
Conc: 287.79 ng/ml



#44 AR-1268-4

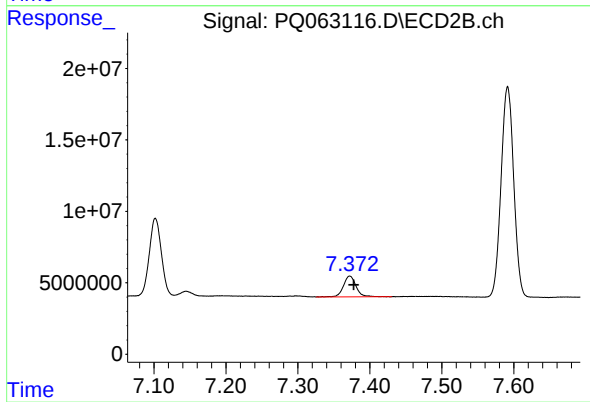
R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 62875529
Conc: 246.92 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 16546206
Conc: 10.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.372 min
Delta R.T.: -0.006 min
Response: 17494634
Conc: 9.88 ng/ml