

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100223\
 Data File : PQ063513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2023 22:27
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 00:46:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ092523CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 26 06:41:31 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.462	2.780	108.2E6	85376295	20.630	21.126
2)	SA Decachlor...	8.694	7.579	147.8E6	153.1E6	40.012	41.409
Target Compounds							
3)	L1 AR-1016-1	4.576	3.791	55668249	44797947	337.041	336.991
4)	L1 AR-1016-2	4.596	3.807	84651431	63856527	335.988	332.879
5)	L1 AR-1016-3	4.654	3.968	53438871	34522057	341.058	328.870
6)	L1 AR-1016-4	4.747	4.017	43184298	28598954	336.919	323.250
7)	L1 AR-1016-5	5.037	4.213	43727073	36952042	346.845	344.088
8)	L2 AR-1221-1	3.662	2.984	6719795	5367590	107.191	110.856
9)	L2 AR-1221-2	3.744	3.062	7869680	6867370	190.638	206.074
10)	L2 AR-1221-3	3.815	3.131	32086712	27018915	233.946	238.108
11)	L3 AR-1232-1	3.815	3.131	32086712	27018915	288.266	287.781
12)	L3 AR-1232-2	4.315	3.807	44589497	63856527	754.485	734.356
13)	L3 AR-1232-3	4.596	3.968	84651431	34522057	743.075	752.105
14)	L3 AR-1232-4	4.747	4.054	43184298	32979375	746.965	843.178
15)	L3 AR-1232-5	4.845	4.213	33607507	36952042	830.198	818.529
16)	L4 AR-1242-1	4.576	3.791	55668249	44797947	399.769	397.675
17)	L4 AR-1242-2	4.596	3.807	84651431	63856527	394.891	393.240
18)	L4 AR-1242-3	4.654	3.968	53438871	34522057	401.971	393.814
19)	L4 AR-1242-4	4.747	4.054	43184298	32979375	396.010	402.398
20)	L4 AR-1242-5	5.469	4.553	44682999	42757149	385.251	401.338
21)	L5 AR-1248-1	4.576	3.791	55668249	44797947	521.590	517.525
22)	L5 AR-1248-2	4.845	4.017	33607507	28598954	219.539	222.085
23)	L5 AR-1248-3	5.037	4.054	43727073	32979375	237.970	266.170
24)	L5 AR-1248-4	5.433	4.213	42607276	36952042	209.676	243.523
25)	L5 AR-1248-5	5.469	4.590	44682999	35933670	222.814	236.739
26)	L6 AR-1254-1	5.405	4.553	33338925	42757149	166.608	193.776
27)	L6 AR-1254-2	5.621	4.700	38635919	9827648	123.399	50.657 #
28)	L6 AR-1254-3	5.980	5.083	15996079	14504037	49.291	47.543
29)	L6 AR-1254-4	6.267	5.311	12221222	10444184	51.974	53.578
30)	L6 AR-1254-5	6.682	5.719	3309576	3356017	12.792	12.148
31)	L7 AR-1260-1	6.147	5.217	1964771	6490400	7.942	30.340 #
32)	L7 AR-1260-2	6.406	5.404	2294687	1139726	7.690	4.493 #
33)	L7 AR-1260-3	6.710f	5.541	447948	1853285	2.049	7.654 #
34)	L7 AR-1260-4	6.982	6.041	747362	1605294	3.039	7.922 #
35)	L7 AR-1260-5	7.292	6.257	673694	721483	1.414	1.555
36)	L8 AR-1262-1	6.710f	5.719f	447948	3356017	1.357	11.649 #
37)	L8 AR-1262-2	7.292	6.257	673694	721483	1.236	1.392
38)	L8 AR-1262-3	7.577	6.595f	676002	811844	1.871	3.784 #
39)	L8 AR-1262-4	0.000	6.595	0	811844	N.D.	2.077 #
40)	L8 AR-1262-5	8.157	7.092	553964	1476780	2.994	7.935 #
41)	L9 AR-1268-1	7.577	6.595f	676002	811844	1.073	1.346 #

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Integration File signal 1: autoint1.e
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

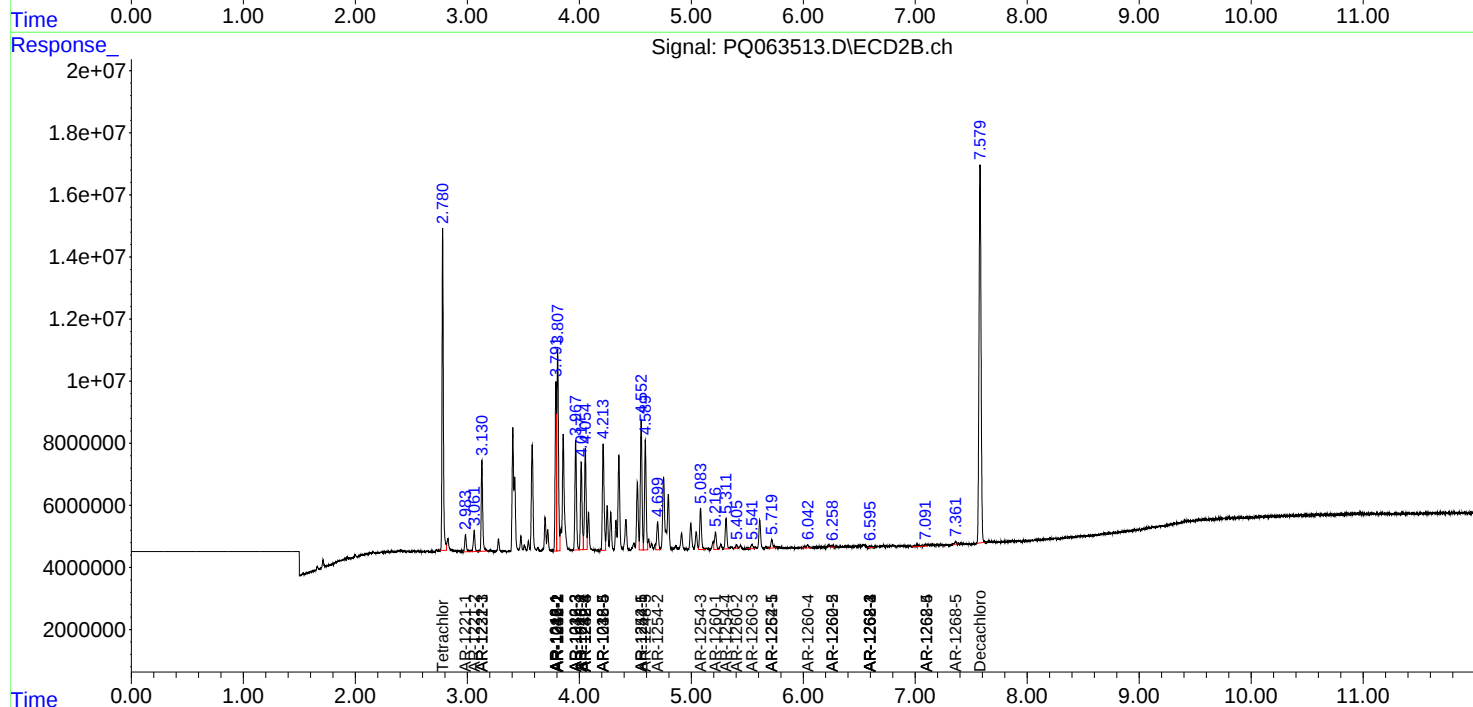
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

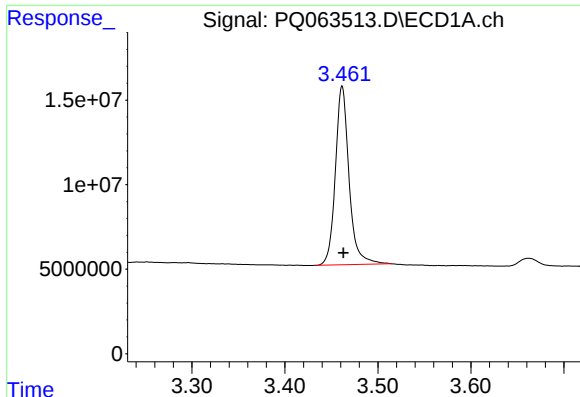
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	6.595	0	811844	N.D.	1.496 #
44) L9	AR-1268-4	8.157	7.092	553964	1476780	2.733	7.248 #
45) L9	AR-1268-5	8.452	7.362	1259607	911781	0.878	0.638 #

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

Instrument :
ECD_Q
ClientSampleId :

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

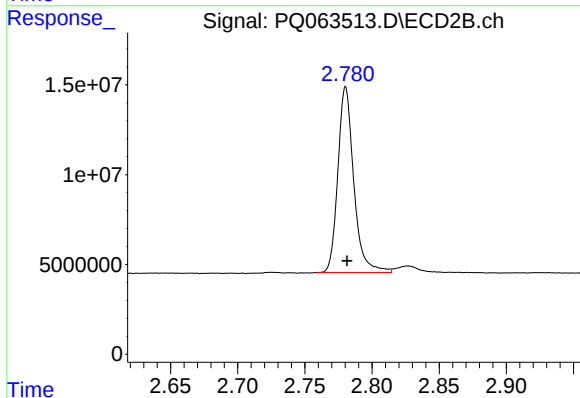




#1 Tetrachloro-m-xylene

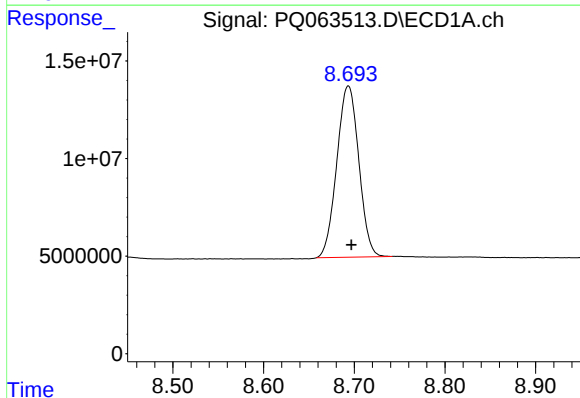
R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 108237104
Conc: 20.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



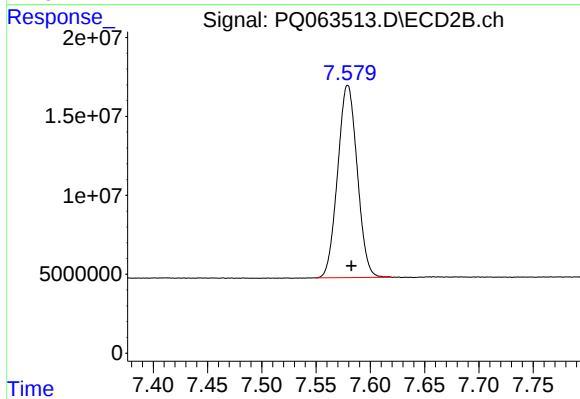
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: 0.000 min
Response: 85376295
Conc: 21.13 ng/ml



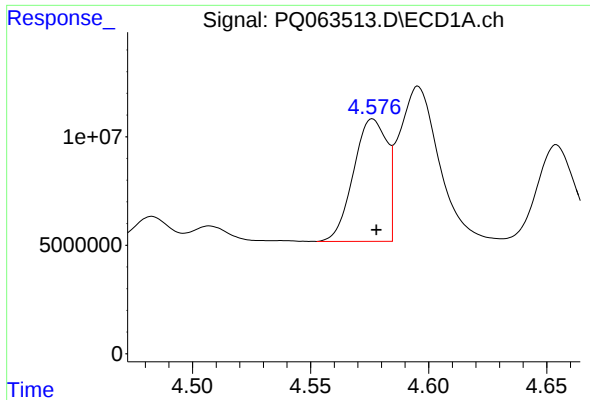
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.003 min
Response: 147836073
Conc: 40.01 ng/ml



#2 Decachlorobiphenyl

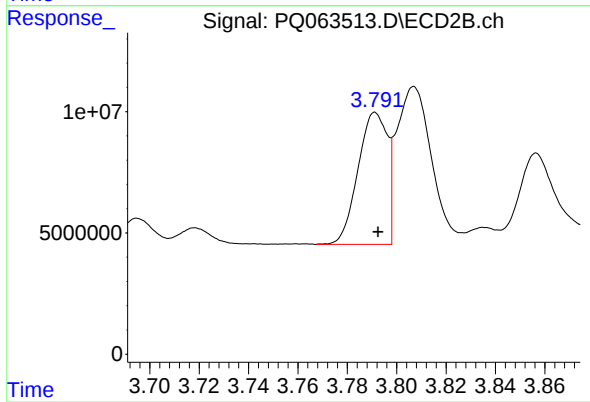
R.T.: 7.579 min
Delta R.T.: -0.003 min
Response: 153107839
Conc: 41.41 ng/ml



#3 AR-1016-1

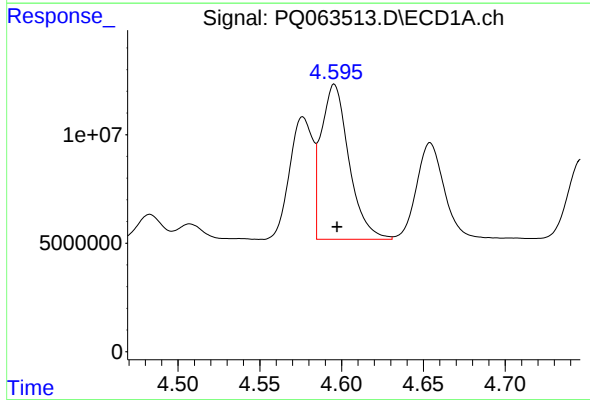
R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 55668249
Conc: 337.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



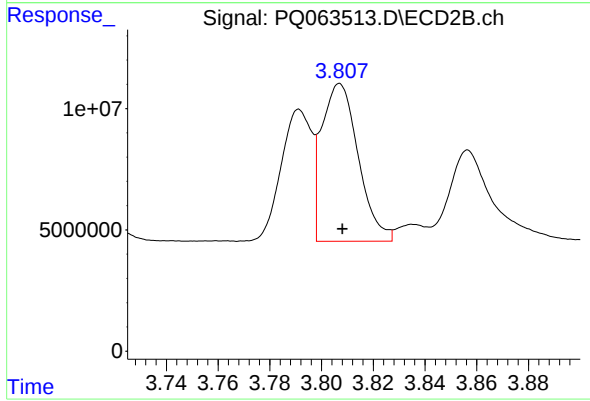
#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.001 min
Response: 44797947
Conc: 336.99 ng/ml



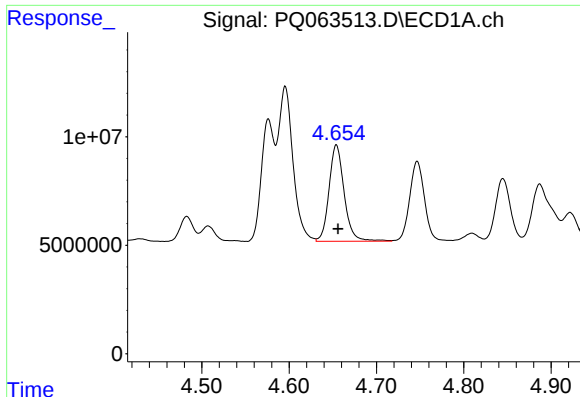
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 84651431
Conc: 335.99 ng/ml



#4 AR-1016-2

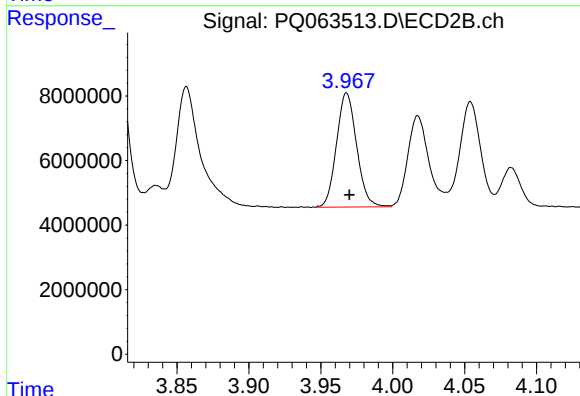
R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 63856527
Conc: 332.88 ng/ml



#5 AR-1016-3

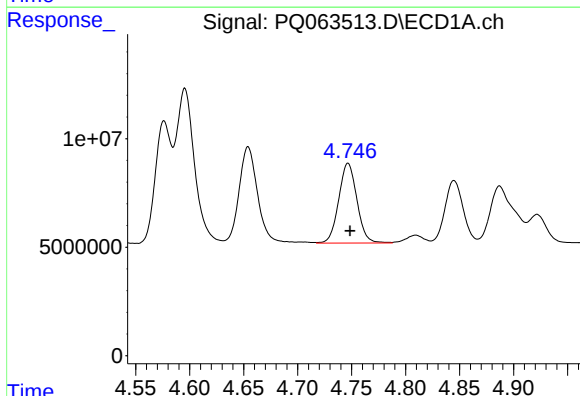
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 53438871
Conc: 341.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



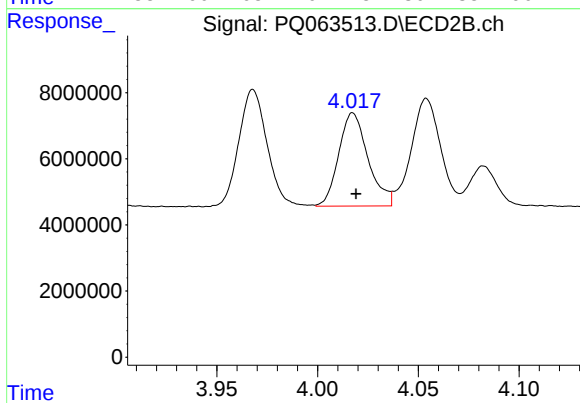
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 34522057
Conc: 328.87 ng/ml



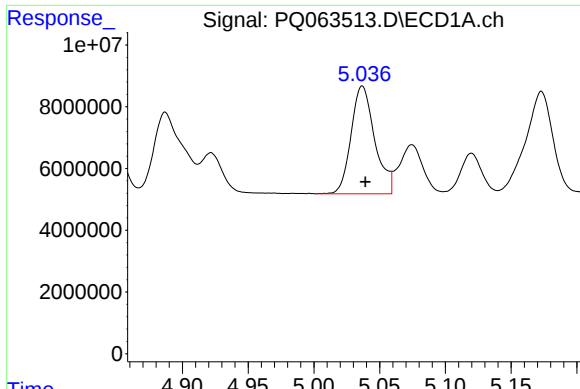
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 43184298
Conc: 336.92 ng/ml



#6 AR-1016-4

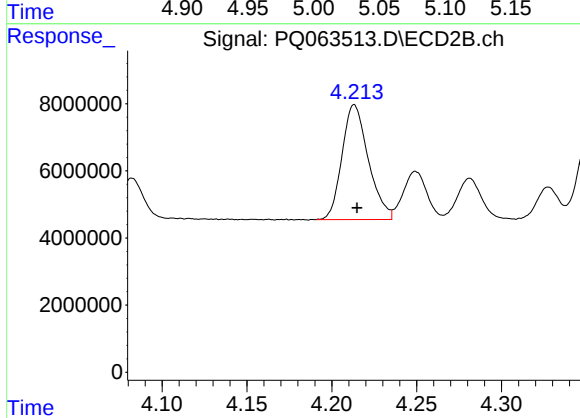
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 28598954
Conc: 323.25 ng/ml



#7 AR-1016-5

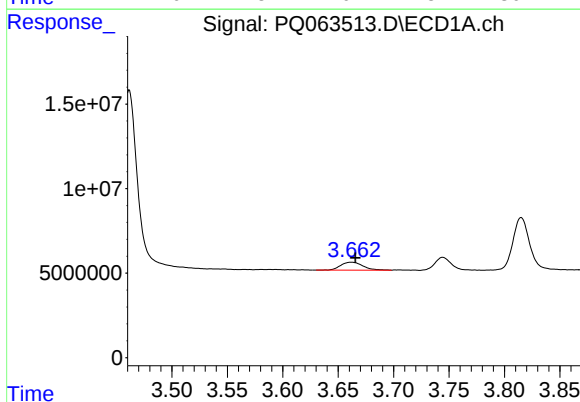
R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 43727073
Conc: 346.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



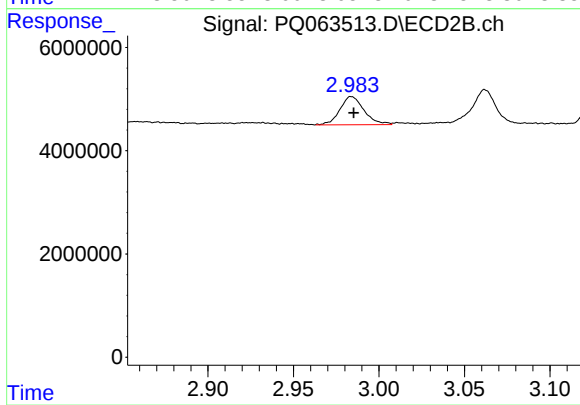
#7 AR-1016-5

R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 36952042
Conc: 344.09 ng/ml



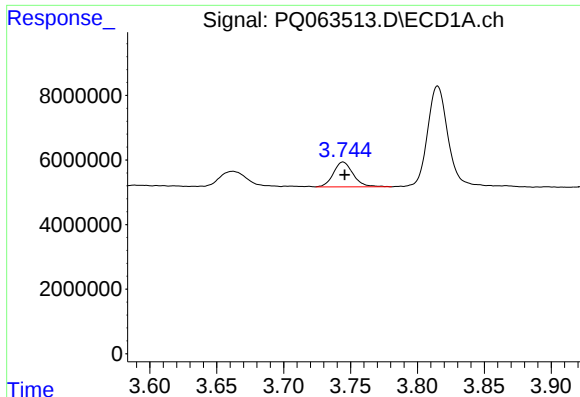
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: -0.004 min
Response: 6719795
Conc: 107.19 ng/ml



#8 AR-1221-1

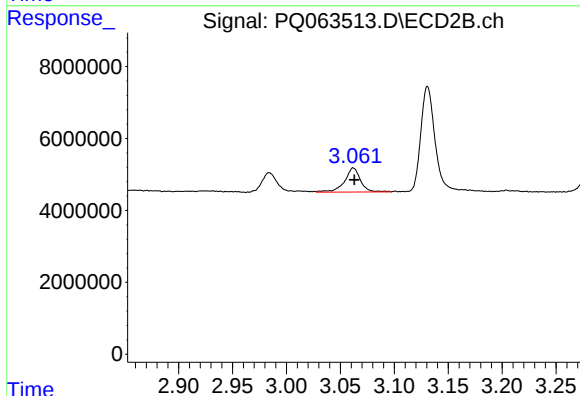
R.T.: 2.984 min
Delta R.T.: -0.001 min
Response: 5367590
Conc: 110.86 ng/ml



#9 AR-1221-2

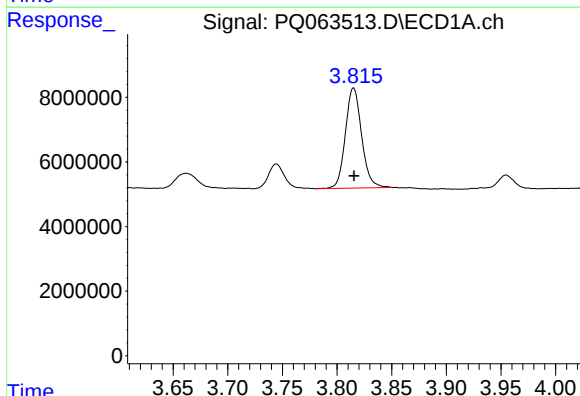
R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 7869680
Conc: 190.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



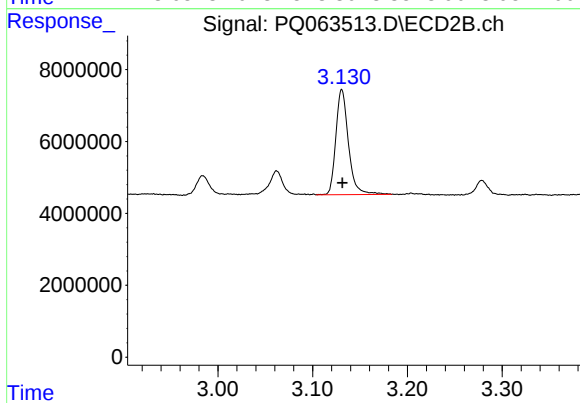
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 6867370
Conc: 206.07 ng/ml



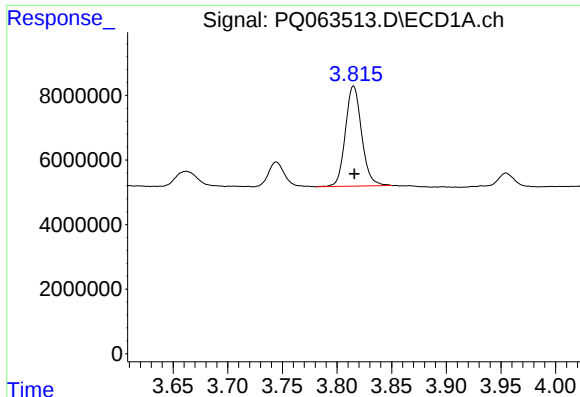
#10 AR-1221-3

R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 32086712
Conc: 233.95 ng/ml



#10 AR-1221-3

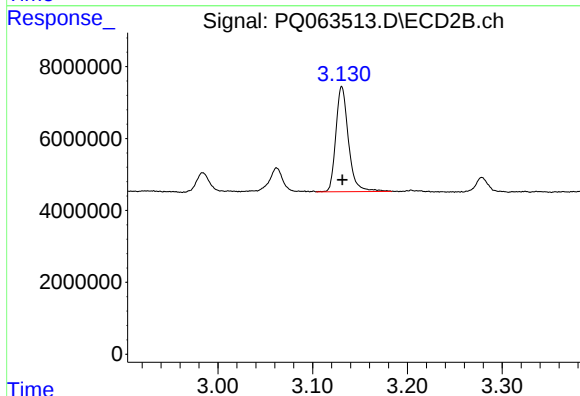
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 27018915
Conc: 238.11 ng/ml



#11 AR-1232-1

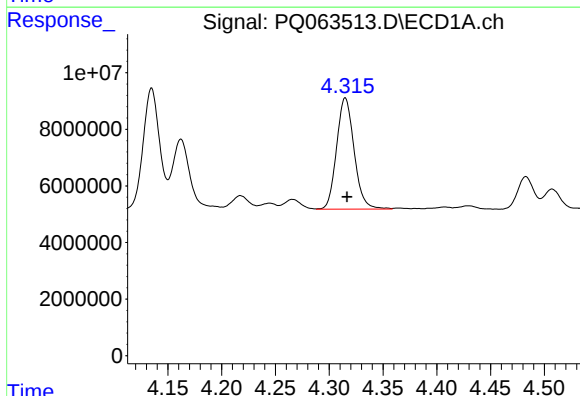
R.T.: 3.815 min
Delta R.T.: 0.000 min
Response: 32086712
Conc: 288.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



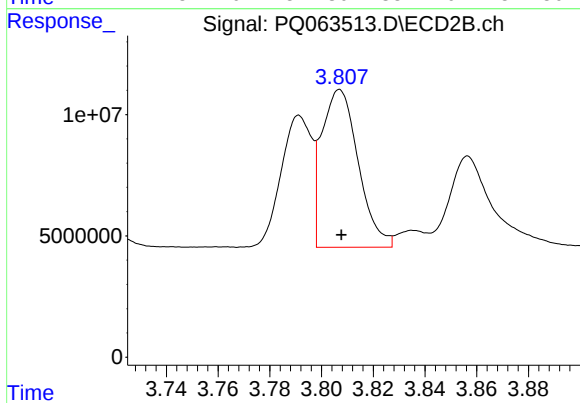
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 27018915
Conc: 287.78 ng/ml



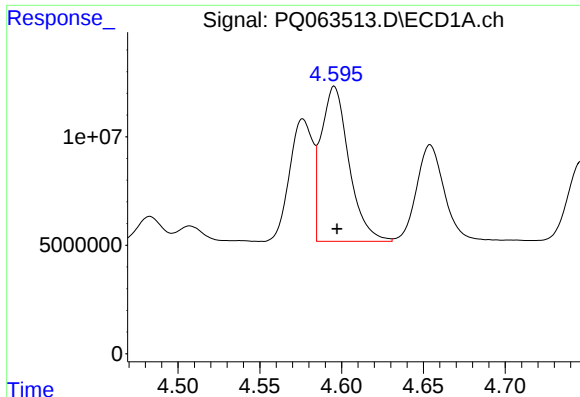
#12 AR-1232-2

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 44589497
Conc: 754.49 ng/ml



#12 AR-1232-2

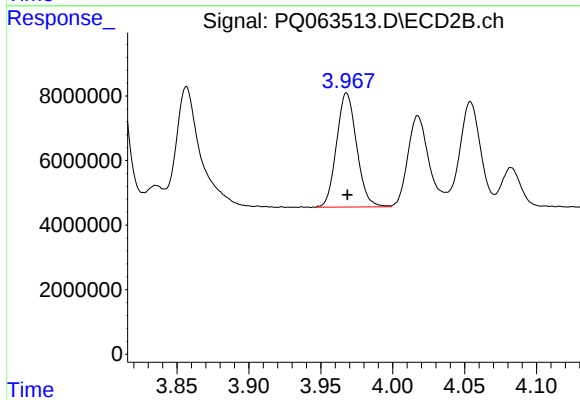
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 63856527
Conc: 734.36 ng/ml



#13 AR-1232-3

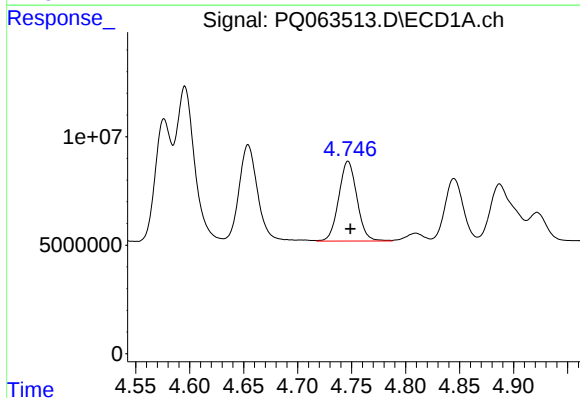
R.T.: 4.596 min
Delta R.T.: -0.002 min
Response: 84651431
Conc: 743.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



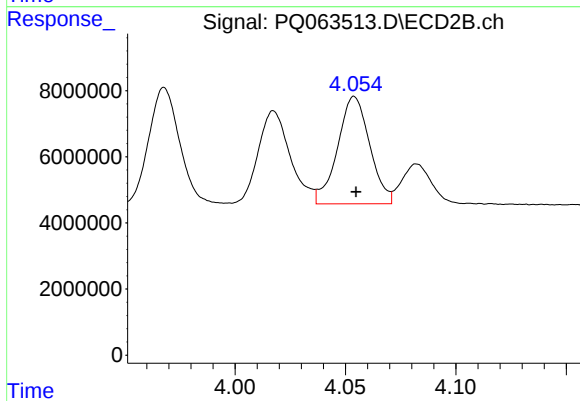
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 34522057
Conc: 752.10 ng/ml



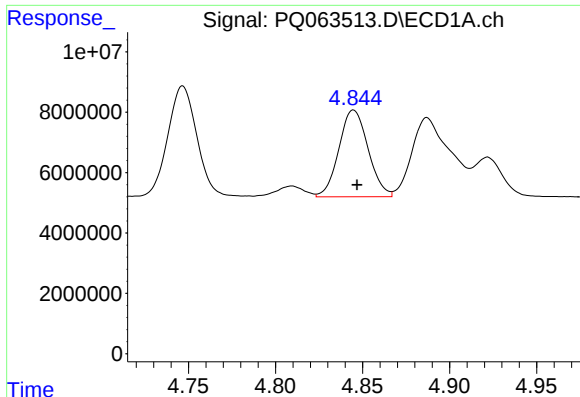
#14 AR-1232-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 43184298
Conc: 746.96 ng/ml



#14 AR-1232-4

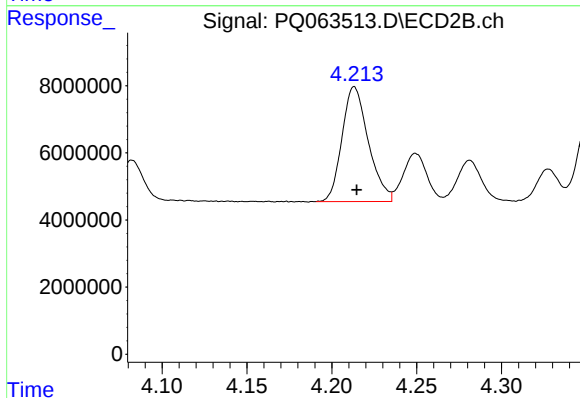
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 32979375
Conc: 843.18 ng/ml



#15 AR-1232-5

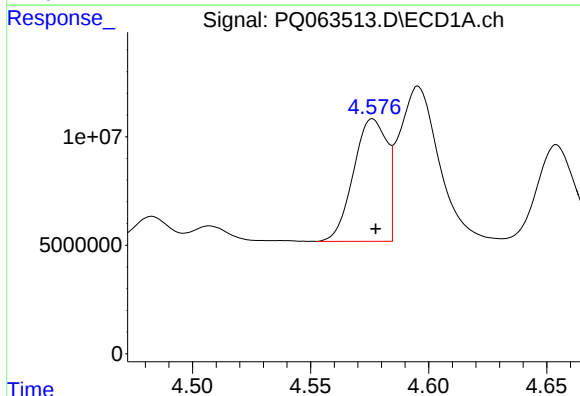
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 33607507
Conc: 830.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



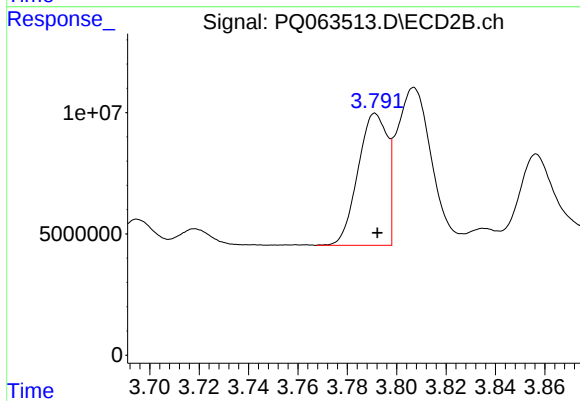
#15 AR-1232-5

R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 36952042
Conc: 818.53 ng/ml



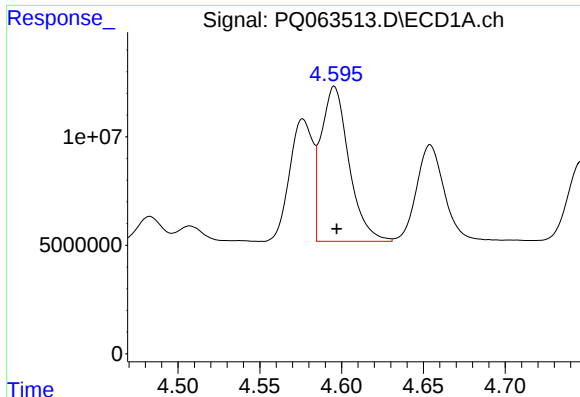
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: -0.001 min
Response: 55668249
Conc: 399.77 ng/ml



#16 AR-1242-1

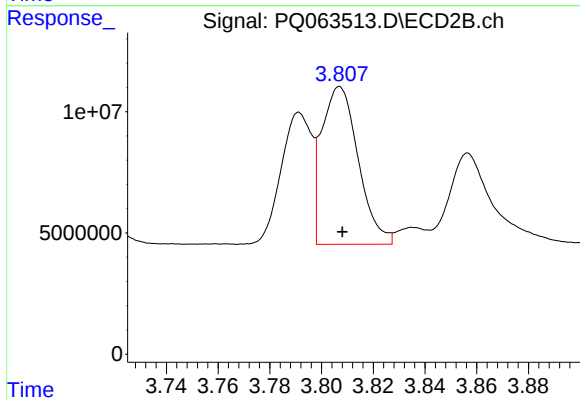
R.T.: 3.791 min
Delta R.T.: 0.000 min
Response: 44797947
Conc: 397.67 ng/ml



#17 AR-1242-2

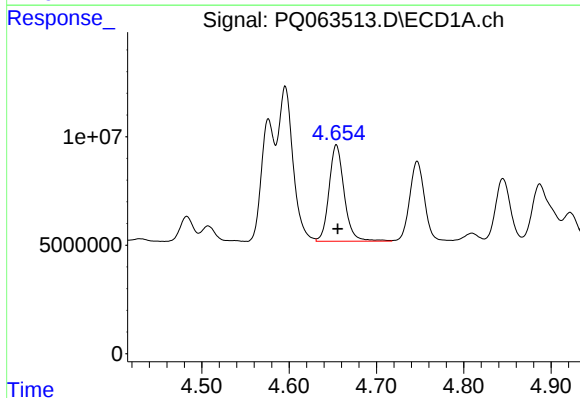
R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 84651431
Conc: 394.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



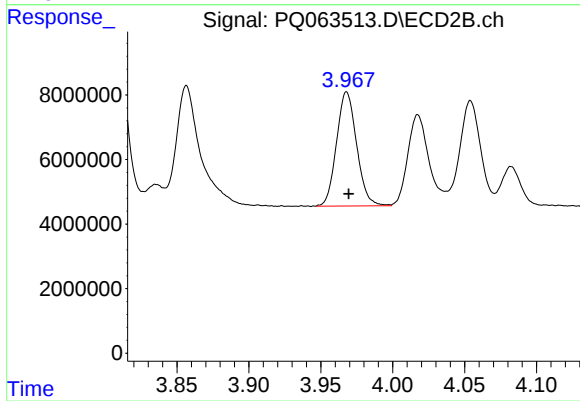
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 63856527
Conc: 393.24 ng/ml



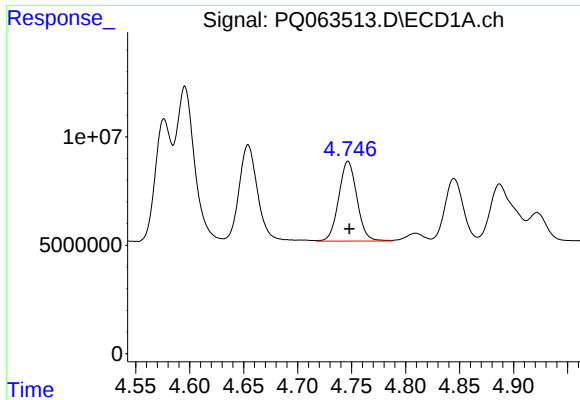
#18 AR-1242-3

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 53438871
Conc: 401.97 ng/ml



#18 AR-1242-3

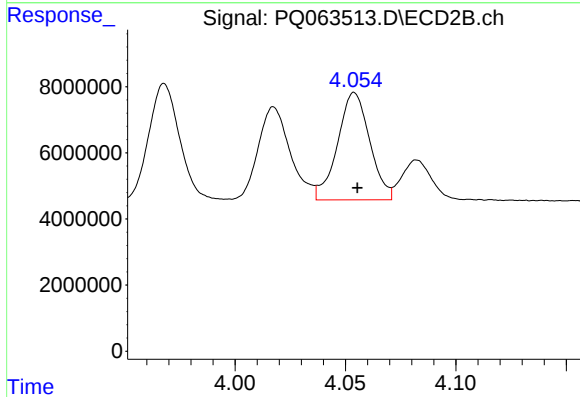
R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 34522057
Conc: 393.81 ng/ml



#19 AR-1242-4

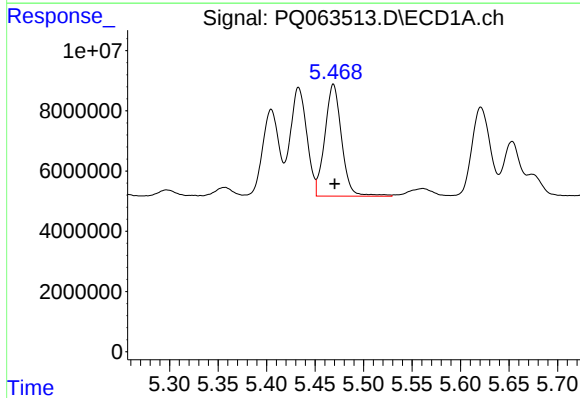
R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 43184298
Conc: 396.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



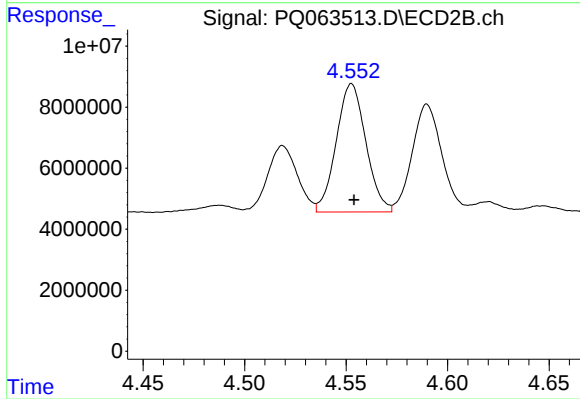
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 32979375
Conc: 402.40 ng/ml



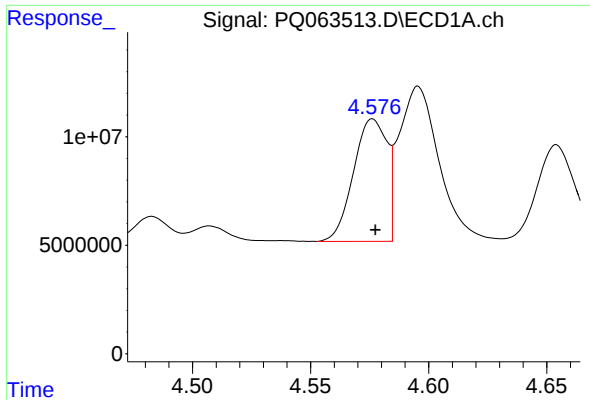
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: -0.001 min
Response: 44682999
Conc: 385.25 ng/ml



#20 AR-1242-5

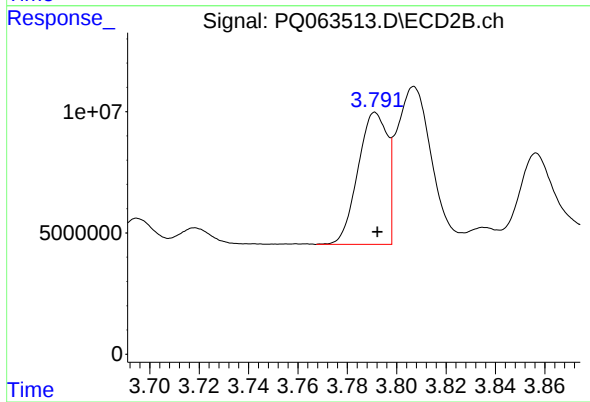
R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 42757149
Conc: 401.34 ng/ml



#21 AR-1248-1

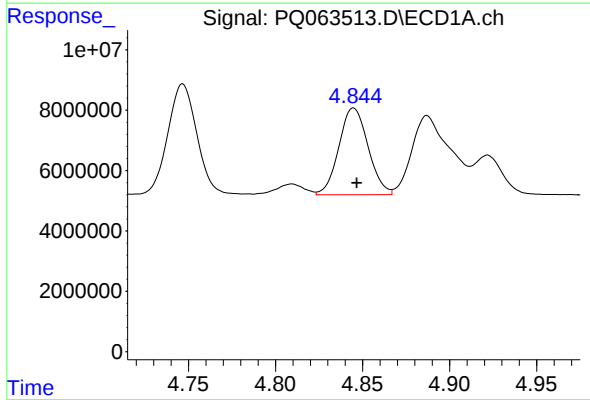
R.T.: 4.576 min
Delta R.T.: -0.001 min
Response: 55668249
Conc: 521.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



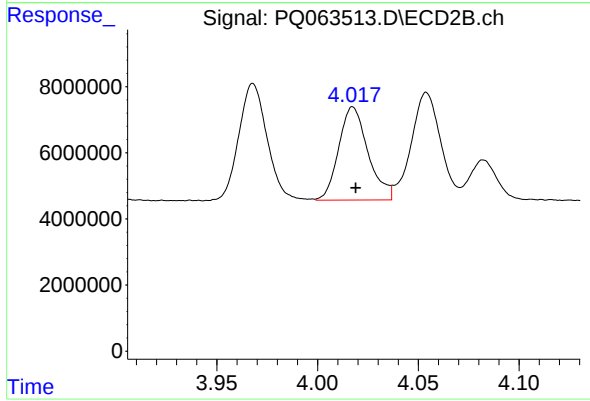
#21 AR-1248-1

R.T.: 3.791 min
Delta R.T.: 0.000 min
Response: 44797947
Conc: 517.52 ng/ml



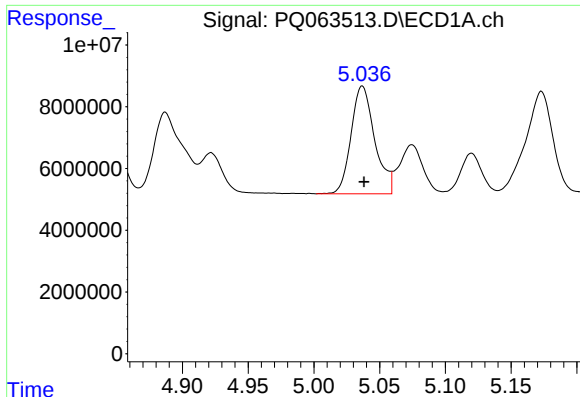
#22 AR-1248-2

R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 33607507
Conc: 219.54 ng/ml



#22 AR-1248-2

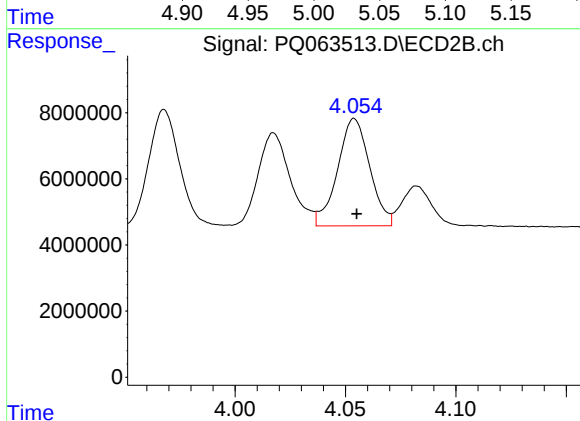
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 28598954
Conc: 222.08 ng/ml



#23 AR-1248-3

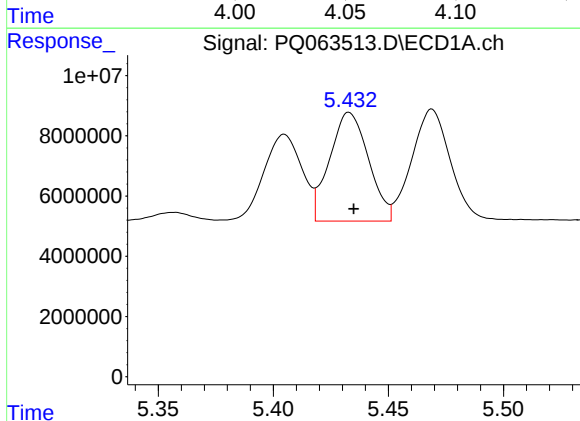
R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 43727073
Conc: 237.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



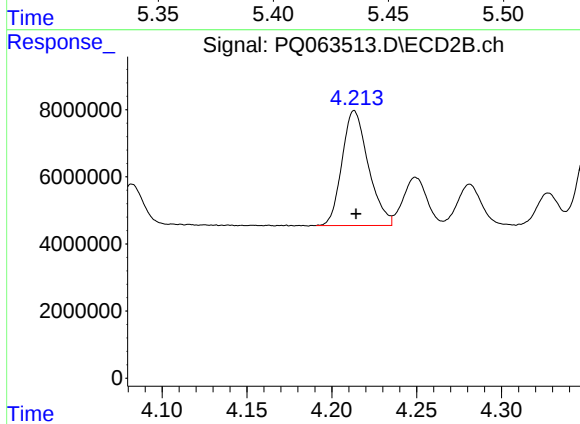
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 32979375
Conc: 266.17 ng/ml



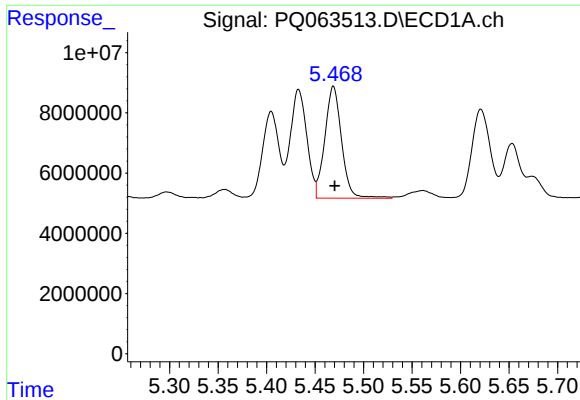
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 42607276
Conc: 209.68 ng/ml



#24 AR-1248-4

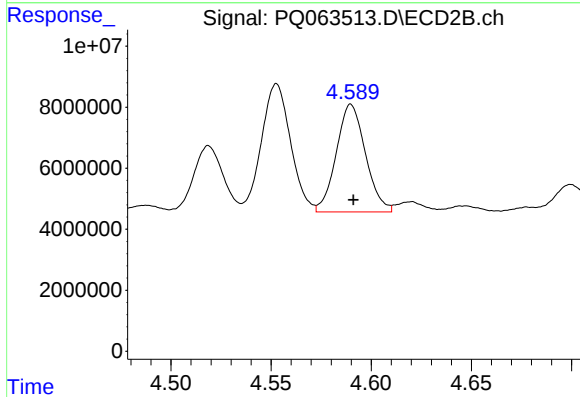
R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 36952042
Conc: 243.52 ng/ml



#25 AR-1248-5

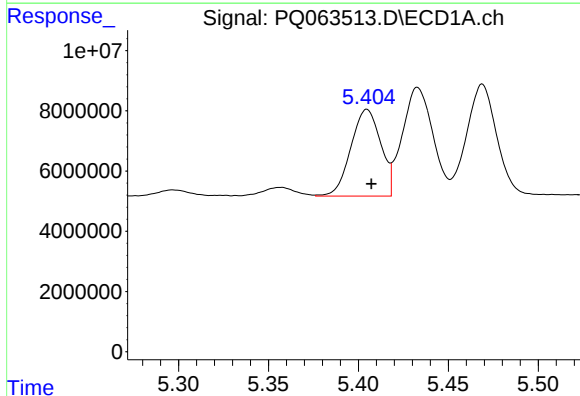
R.T.: 5.469 min
Delta R.T.: -0.001 min
Response: 44682999
Conc: 222.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



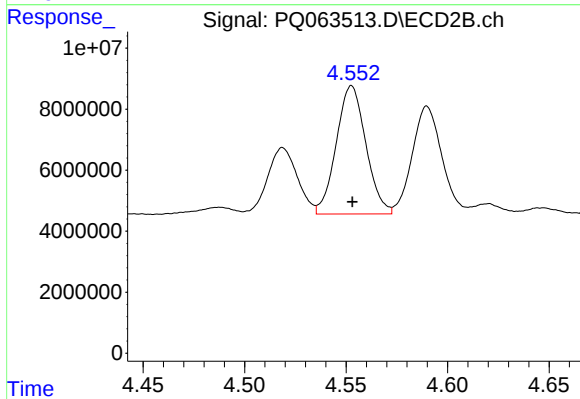
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 35933670
Conc: 236.74 ng/ml



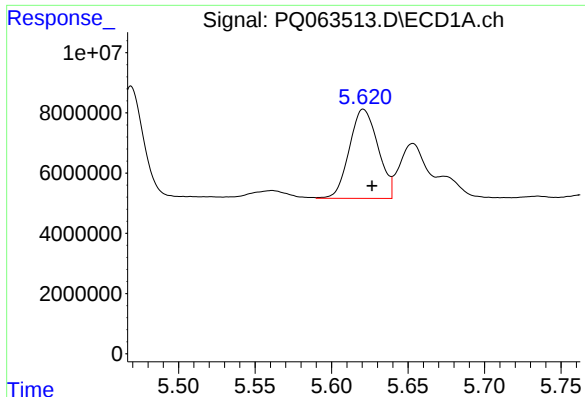
#26 AR-1254-1

R.T.: 5.405 min
Delta R.T.: -0.003 min
Response: 33338925
Conc: 166.61 ng/ml



#26 AR-1254-1

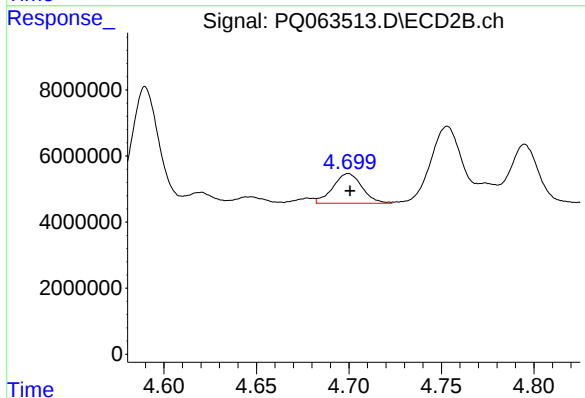
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 42757149
Conc: 193.78 ng/ml



#27 AR-1254-2

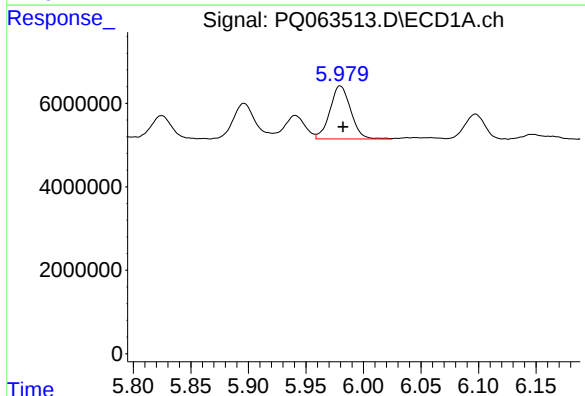
R.T.: 5.621 min
Delta R.T.: -0.006 min
Response: 38635919
Conc: 123.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



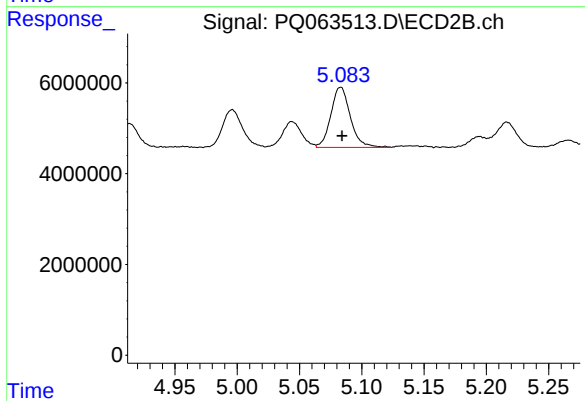
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 9827648
Conc: 50.66 ng/ml



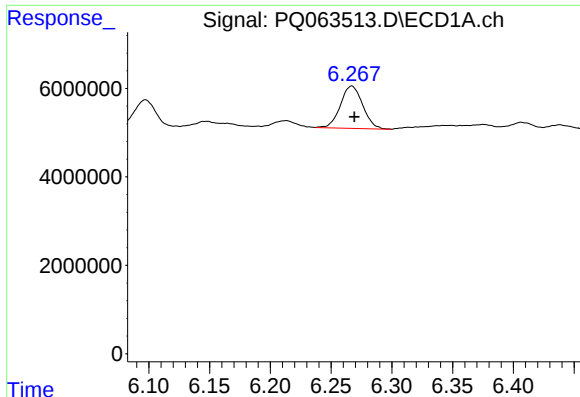
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 15996079
Conc: 49.29 ng/ml



#28 AR-1254-3

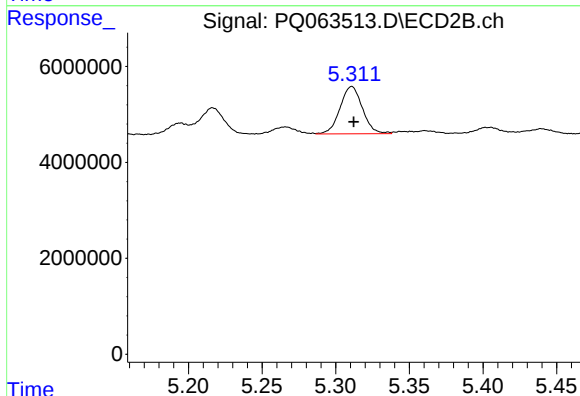
R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 14504037
Conc: 47.54 ng/ml



#29 AR-1254-4

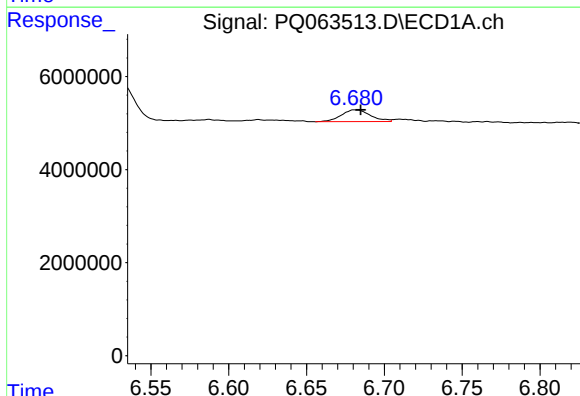
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 12221222
Conc: 51.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



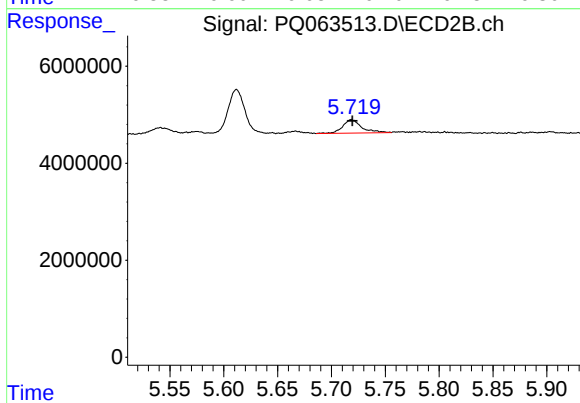
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 10444184
Conc: 53.58 ng/ml



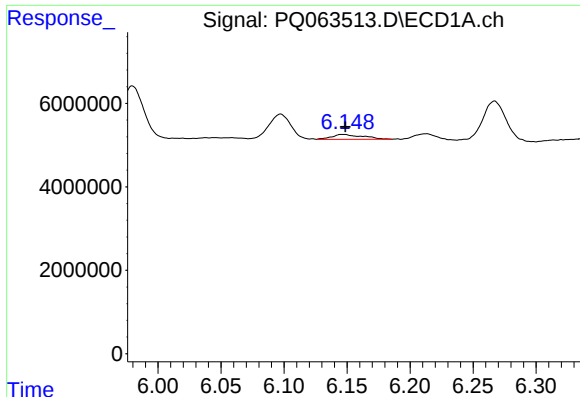
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 3309576
Conc: 12.79 ng/ml



#30 AR-1254-5

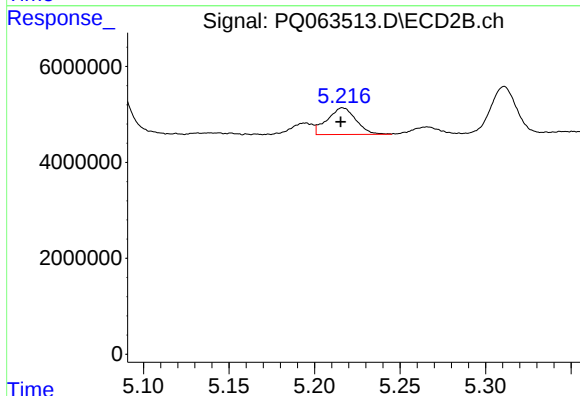
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 3356017
Conc: 12.15 ng/ml



#31 AR-1260-1

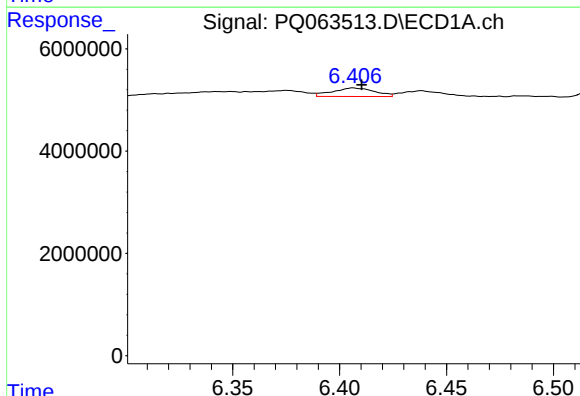
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 1964771
Conc: 7.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



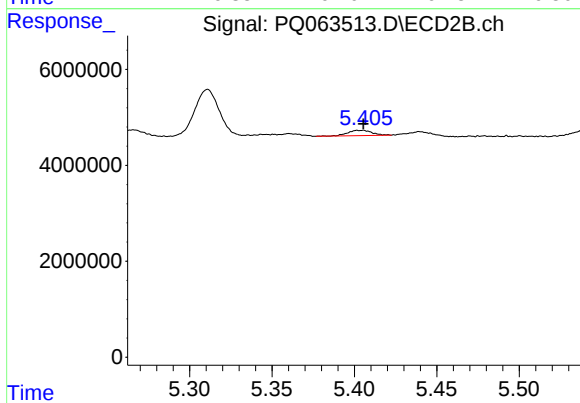
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 6490400
Conc: 30.34 ng/ml



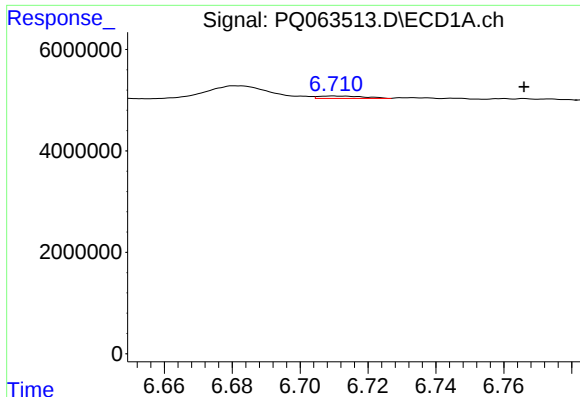
#32 AR-1260-2

R.T.: 6.406 min
Delta R.T.: -0.004 min
Response: 2294687
Conc: 7.69 ng/ml



#32 AR-1260-2

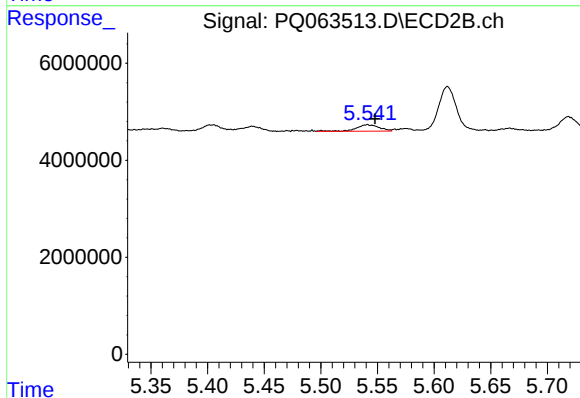
R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 1139726
Conc: 4.49 ng/ml



#33 AR-1260-3

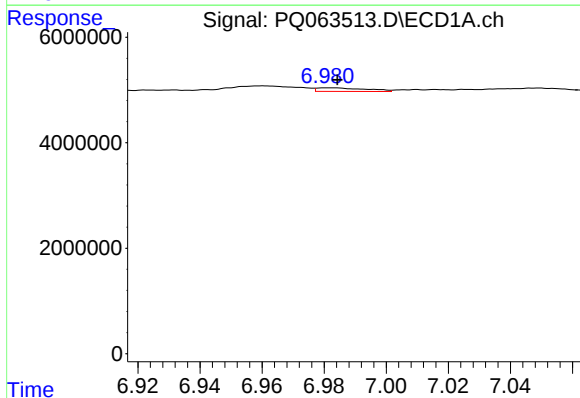
R.T.: 6.710 min
Delta R.T.: -0.056 min
Response: 447948
Conc: 2.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



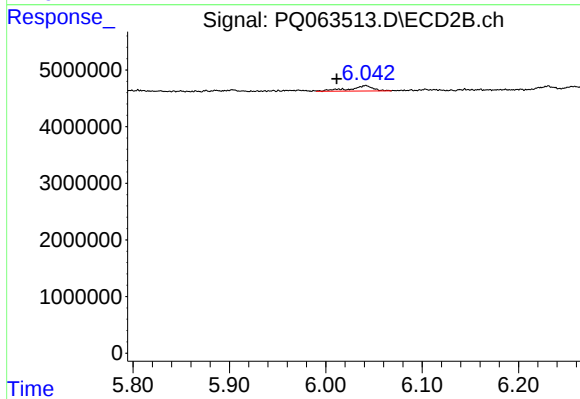
#33 AR-1260-3

R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 1853285
Conc: 7.65 ng/ml



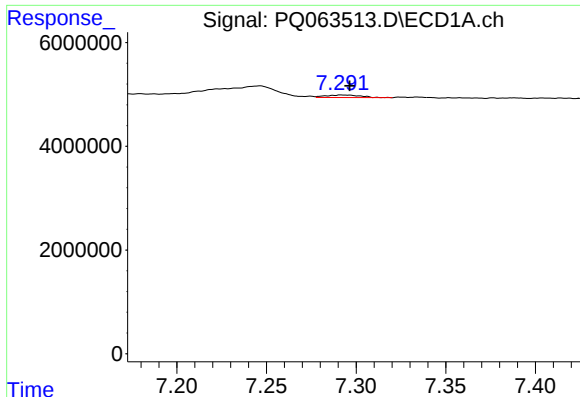
#34 AR-1260-4

R.T.: 6.982 min
Delta R.T.: -0.002 min
Response: 747362
Conc: 3.04 ng/ml



#34 AR-1260-4

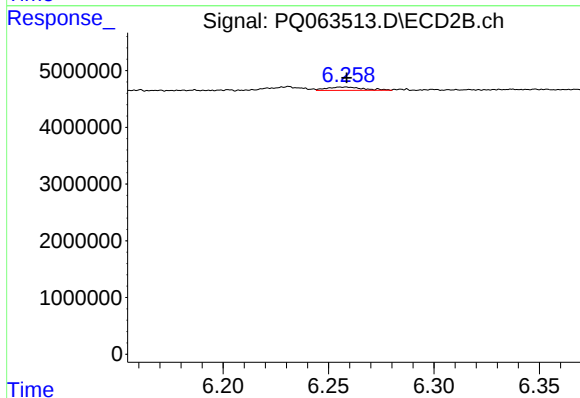
R.T.: 6.041 min
Delta R.T.: 0.030 min
Response: 1605294
Conc: 7.92 ng/ml



#35 AR-1260-5

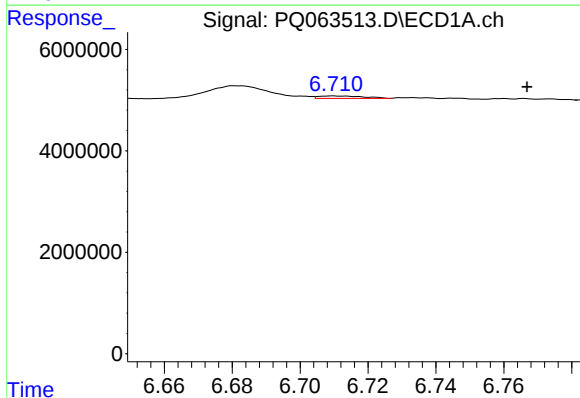
R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 673694
Conc: 1.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



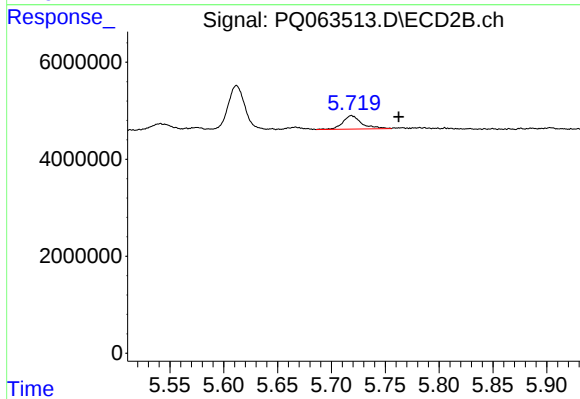
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.001 min
Response: 721483
Conc: 1.56 ng/ml



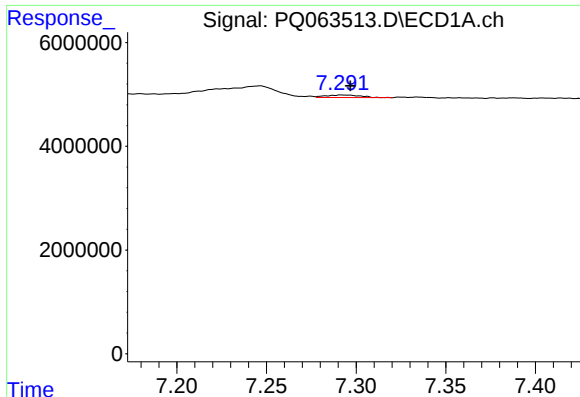
#36 AR-1262-1

R.T.: 6.710 min
Delta R.T.: -0.057 min
Response: 447948
Conc: 1.36 ng/ml



#36 AR-1262-1

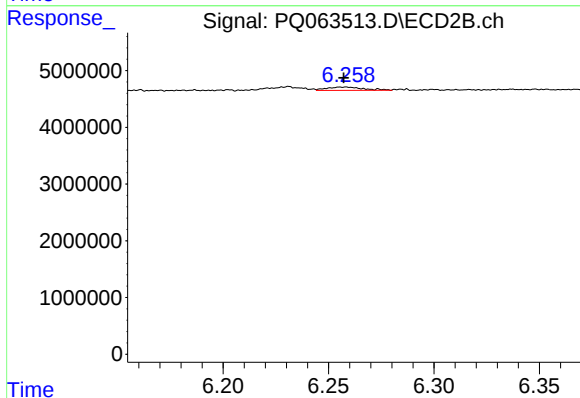
R.T.: 5.719 min
Delta R.T.: -0.044 min
Response: 3356017
Conc: 11.65 ng/ml



#37 AR-1262-2

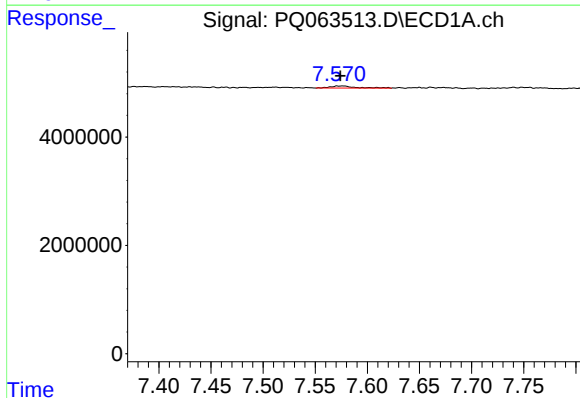
R.T.: 7.292 min
Delta R.T.: -0.004 min
Response: 673694
Conc: 1.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



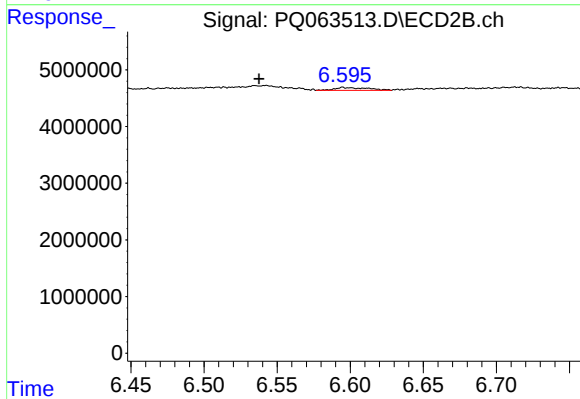
#37 AR-1262-2

R.T.: 6.257 min
Delta R.T.: 0.000 min
Response: 721483
Conc: 1.39 ng/ml



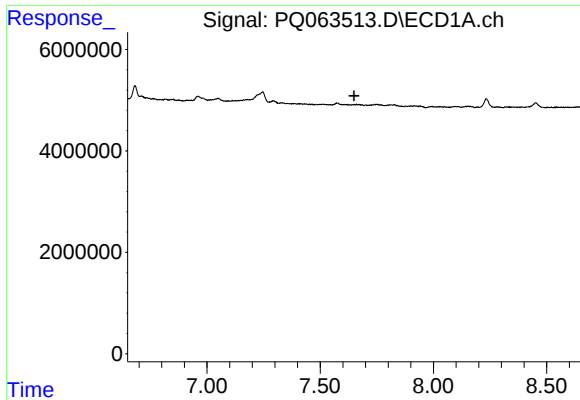
#38 AR-1262-3

R.T.: 7.577 min
Delta R.T.: 0.002 min
Response: 676002
Conc: 1.87 ng/ml



#38 AR-1262-3

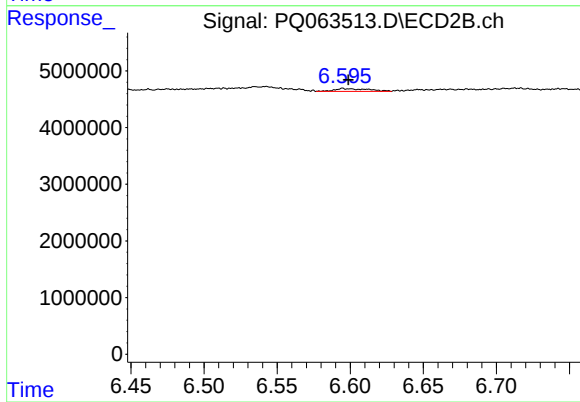
R.T.: 6.595 min
Delta R.T.: 0.057 min
Response: 811844
Conc: 3.78 ng/ml



#39 AR-1262-4

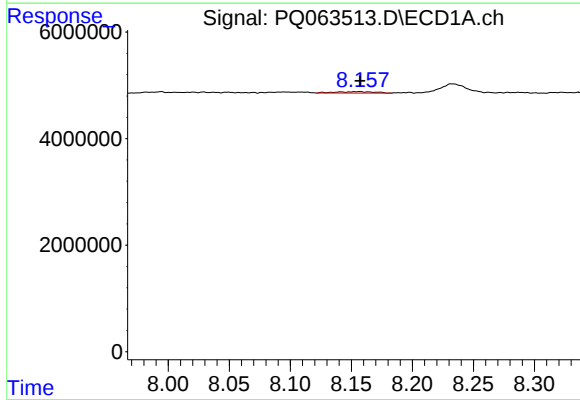
R.T.: 0.000 min
Exp R.T.: 7.649 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



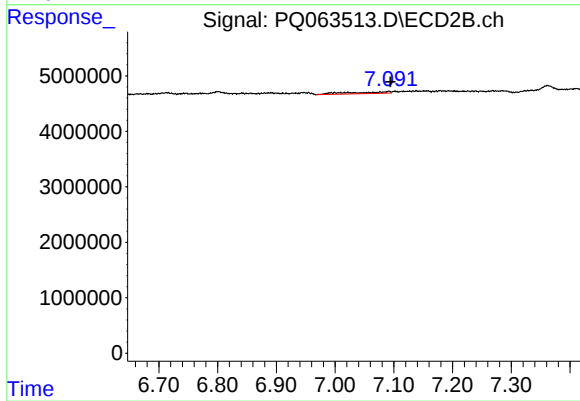
#39 AR-1262-4

R.T.: 6.595 min
Delta R.T.: -0.004 min
Response: 811844
Conc: 2.08 ng/ml



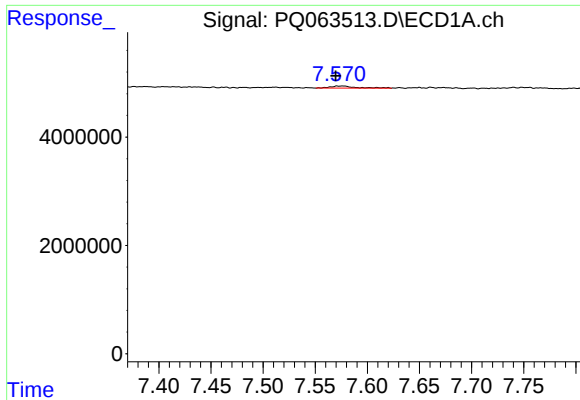
#40 AR-1262-5

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 553964
Conc: 2.99 ng/ml



#40 AR-1262-5

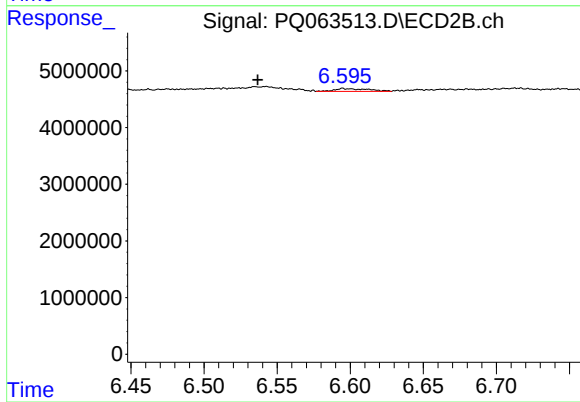
R.T.: 7.092 min
Delta R.T.: -0.002 min
Response: 1476780
Conc: 7.94 ng/ml



#41 AR-1268-1

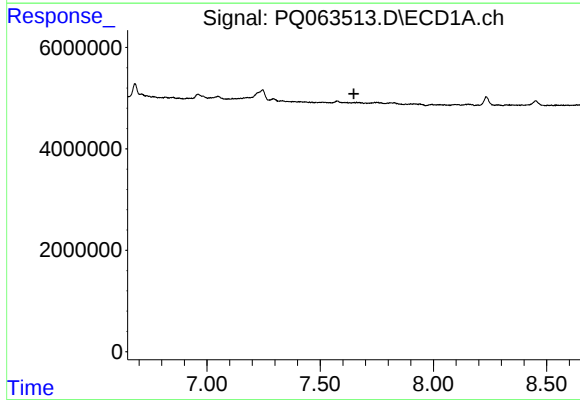
R.T.: 7.577 min
Delta R.T.: 0.007 min
Response: 676002
Conc: 1.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



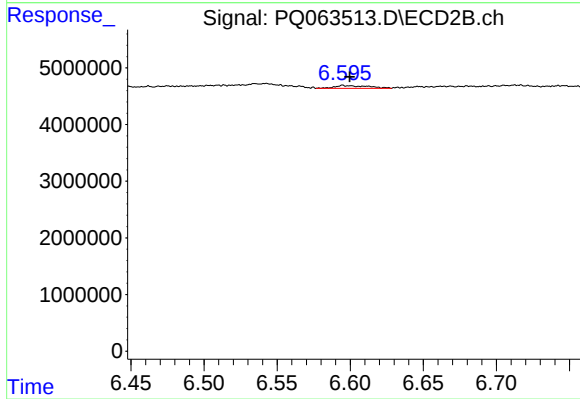
#41 AR-1268-1

R.T.: 6.595 min
Delta R.T.: 0.058 min
Response: 811844
Conc: 1.35 ng/ml



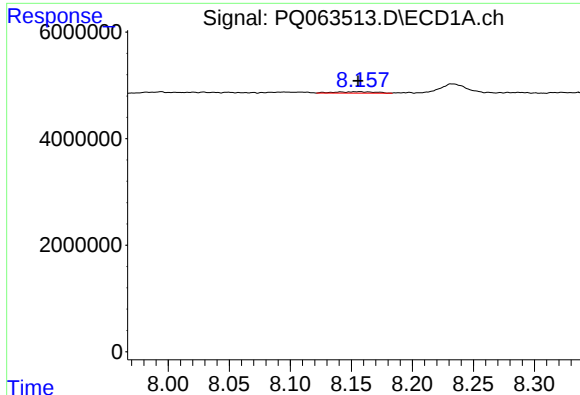
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.649 min
Response: 0
Conc: N.D.



#42 AR-1268-2

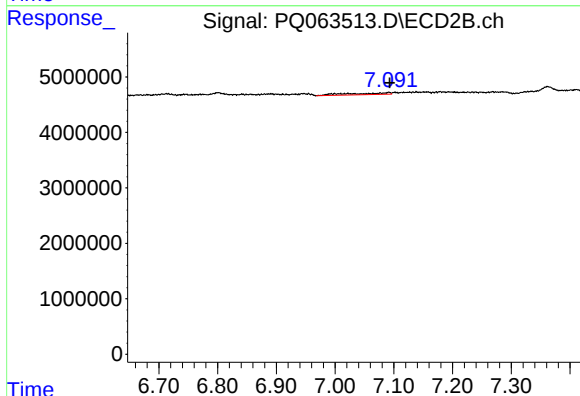
R.T.: 6.595 min
Delta R.T.: -0.005 min
Response: 811844
Conc: 1.50 ng/ml



#44 AR-1268-4

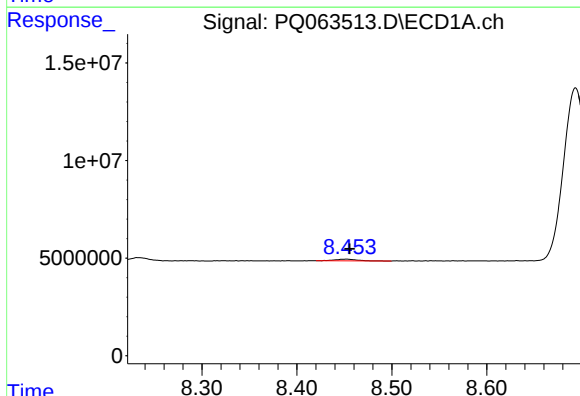
R.T.: 8.157 min
Delta R.T.: 0.001 min
Response: 553964
Conc: 2.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



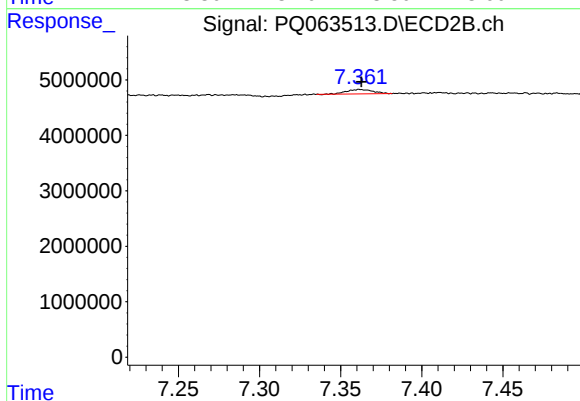
#44 AR-1268-4

R.T.: 7.092 min
Delta R.T.: -0.001 min
Response: 1476780
Conc: 7.25 ng/ml



#45 AR-1268-5

R.T.: 8.452 min
Delta R.T.: -0.003 min
Response: 1259607
Conc: 0.88 ng/ml



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 911781
Conc: 0.64 ng/ml