

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100323\
 Data File : PQ063519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 10:28
 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 21:20:07 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...	3.463	2.780	109.5E6	82644636	20.873	20.450
2)	SA Decachlor...	8.695	7.580	153.9E6	142.9E6	41.657	38.659
Target Compounds							
3)	L1 AR-1016-1	4.577	3.792	56353653	42286586	341.190	318.099
4)	L1 AR-1016-2	4.597	3.807	86605183	60137256	343.743	313.491
5)	L1 AR-1016-3	4.655	3.968	54196309	33204423	345.892	316.318
6)	L1 AR-1016-4	4.748	4.017	44186596	28126745	344.738	317.913
7)	L1 AR-1016-5	5.038	4.213	44826176	35369064	355.564	329.347
8)	L2 AR-1221-1	3.663	2.984	6919735	5065639	110.381	104.620
9)	L2 AR-1221-2	3.745	3.062	7656245	6599976	185.468	198.050
10)	L2 AR-1221-3	3.816	3.131	32219400	25844009	234.913	227.754
11)	L3 AR-1232-1	3.816	3.131	32219400	25844009	289.458	275.267
12)	L3 AR-1232-2	4.316	3.807	45695706	60137256	773.203	691.584
13)	L3 AR-1232-3	4.597	3.968	86605183	33204423	760.225	723.399
14)	L3 AR-1232-4	4.748	4.054	44186596	31583953	764.301	807.501
15)	L3 AR-1232-5	4.846	4.213	34131025	35369064	843.130	783.464
16)	L4 AR-1242-1	4.577	3.792	56353653	42286586	404.691	375.381
17)	L4 AR-1242-2	4.597	3.807	86605183	60137256	404.005	370.336
18)	L4 AR-1242-3	4.655	3.968	54196309	33204423	407.668	378.783
19)	L4 AR-1242-4	4.748	4.054	44186596	31583953	405.201	385.372
20)	L4 AR-1242-5	5.469	4.553	44445850	40563021	383.206	380.743
21)	L5 AR-1248-1	4.577	3.792	56353653	42286586	528.012	488.513
22)	L5 AR-1248-2	4.846	4.017	34131025	28126745	222.959	218.418
23)	L5 AR-1248-3	5.038	4.054	44826176	31583953	243.951	254.908
24)	L5 AR-1248-4	5.434	4.213	43394807	35369064	213.551	233.090
25)	L5 AR-1248-5	5.469	4.590	44445850	34221400	221.632	225.458
26)	L6 AR-1254-1	5.406	4.553	34405452	40563021	171.938	183.833
27)	L6 AR-1254-2	5.622	4.700	39771103	10599229	127.025	54.634 #
28)	L6 AR-1254-3	5.981	5.083	16489037	13670238	50.810	44.810
29)	L6 AR-1254-4	6.268	5.311	12891602	9716410	54.825	49.844
30)	L6 AR-1254-5	6.684	5.718	3403377	3161340	13.154	11.443
31)	L7 AR-1260-1	6.149	5.217	2174322	5970281	8.789	27.909 #
32)	L7 AR-1260-2	6.408	5.402	2750815	1122094	9.219	4.423 #
33)	L7 AR-1260-3	6.712f	5.543	558908	1985450	2.556	8.200 #
34)	L7 AR-1260-4	6.960	6.042	2263232	2324757	9.203	11.473
35)	L7 AR-1260-5	7.295	6.256	741182	869384	1.556	1.874
36)	L8 AR-1262-1	6.712f	5.718f	558908	3161340	1.693	10.974 #
37)	L8 AR-1262-2	7.295	6.256	741182	869384	1.360	1.678
38)	L8 AR-1262-3	7.576	0.000	304083	0	0.842	N.D. #
40)	L8 AR-1262-5	0.000	7.108	0	529315	N.D.	2.844 #
41)	L9 AR-1268-1	7.576	0.000	304083	0	0.483	N.D. #
44)	L9 AR-1268-4	0.000	7.108	0	529315	N.D.	2.598 #

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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
45) L9	AR-1268-5	8.454	7.362	1271735	1086015	0.886	0.760

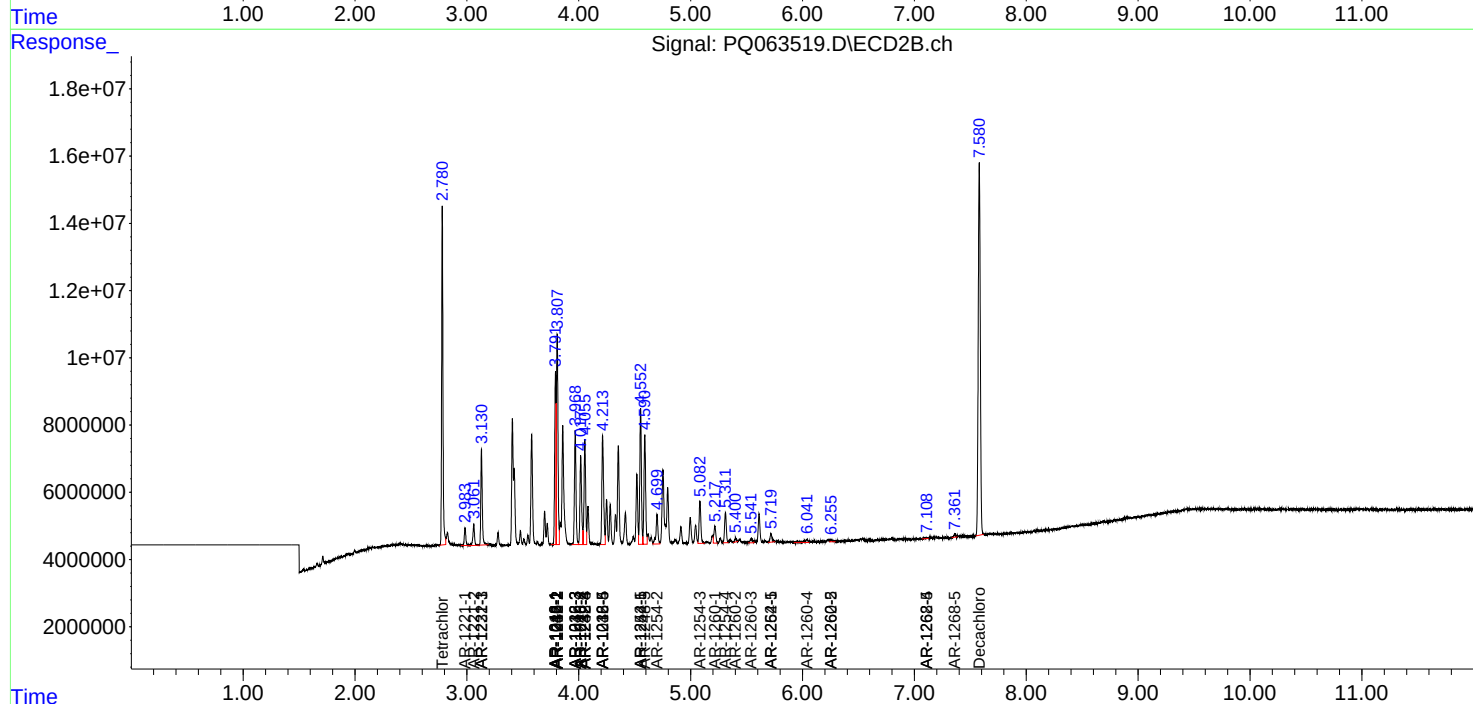
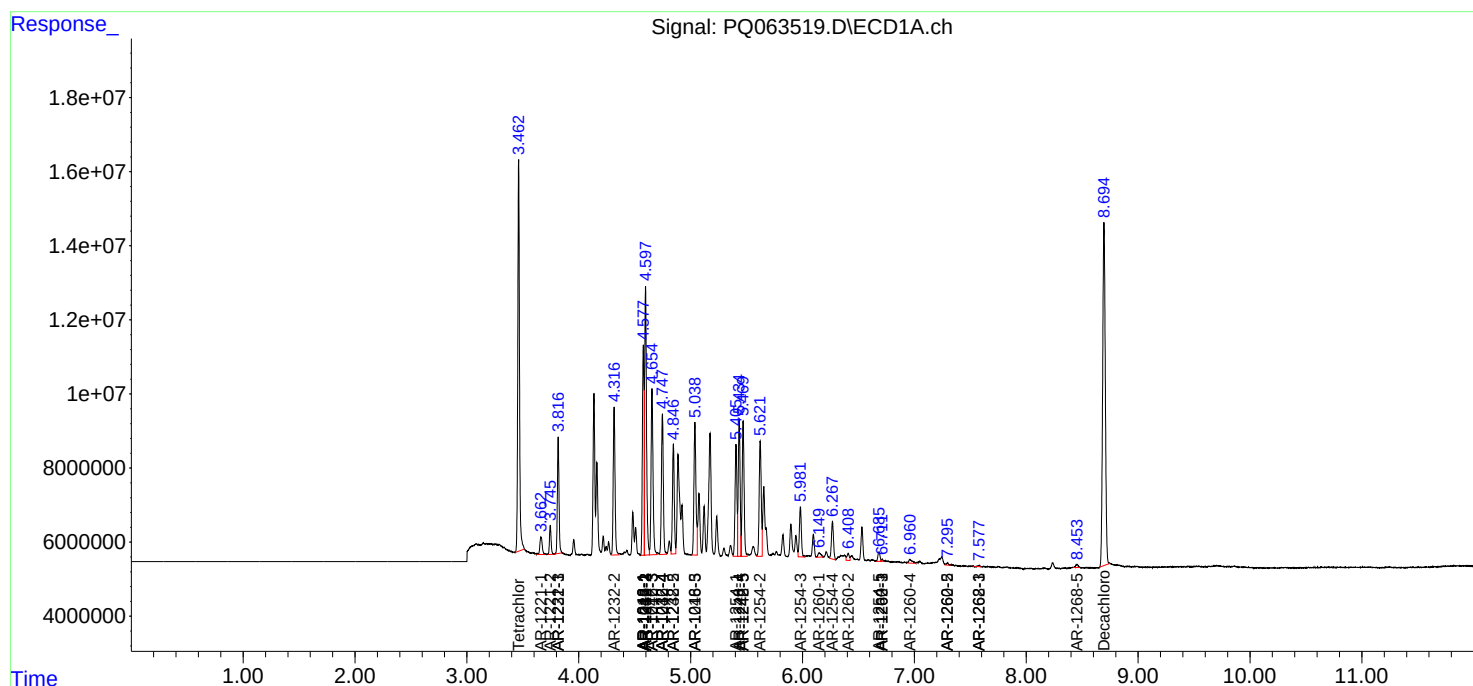
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

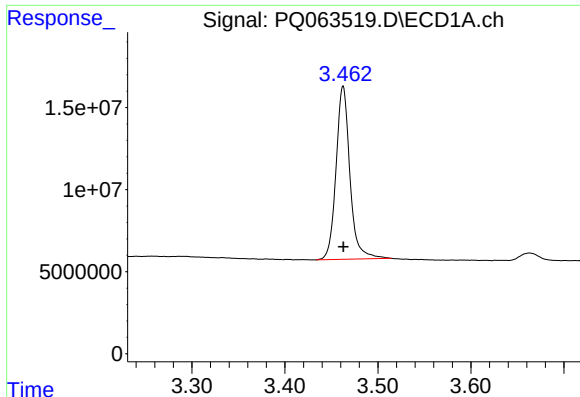
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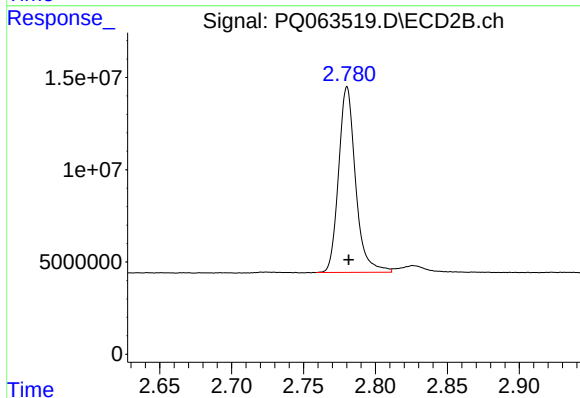




#1 Tetrachloro-m-xylene

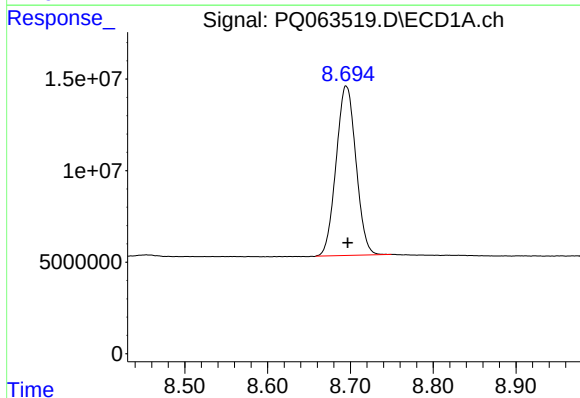
R.T.: 3.463 min
Delta R.T.: 0.000 min
Response: 109516004
Conc: 20.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



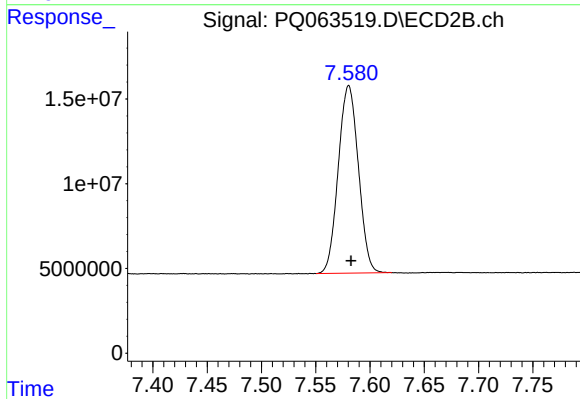
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 82644636
Conc: 20.45 ng/ml



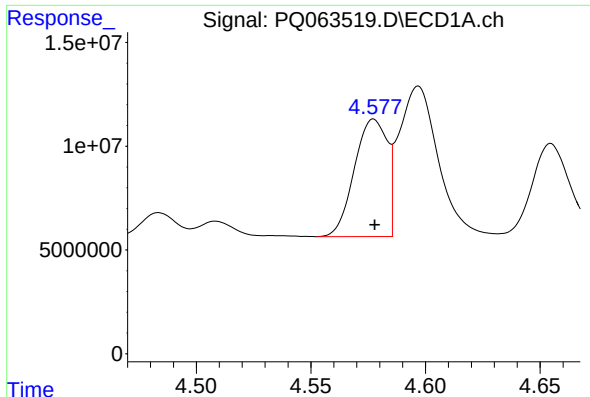
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 153916932
Conc: 41.66 ng/ml



#2 Decachlorobiphenyl

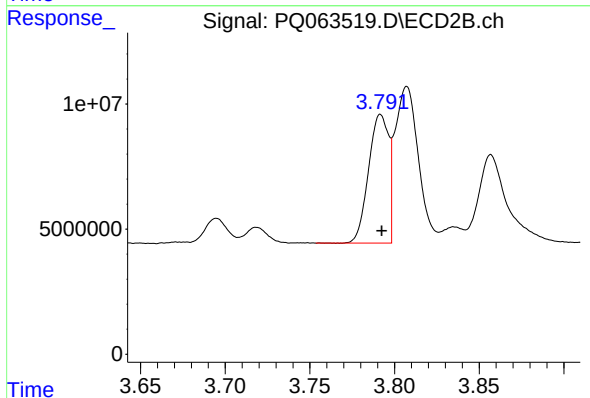
R.T.: 7.580 min
Delta R.T.: -0.002 min
Response: 142938702
Conc: 38.66 ng/ml



#3 AR-1016-1

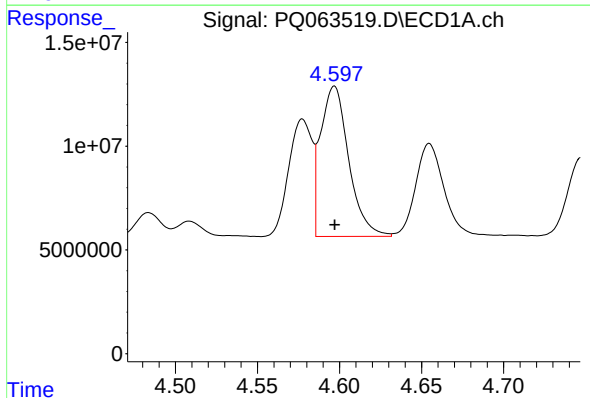
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 56353653
Conc: 341.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



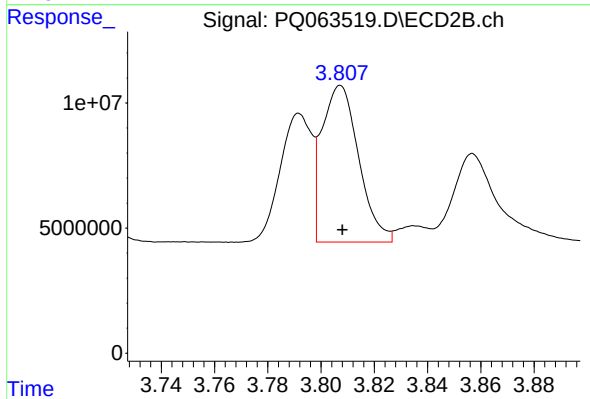
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 42286586
Conc: 318.10 ng/ml



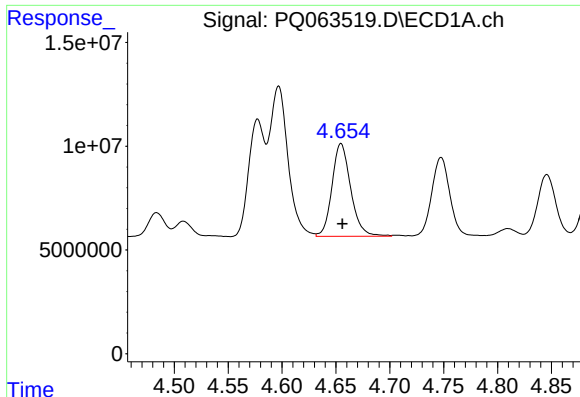
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 86605183
Conc: 343.74 ng/ml



#4 AR-1016-2

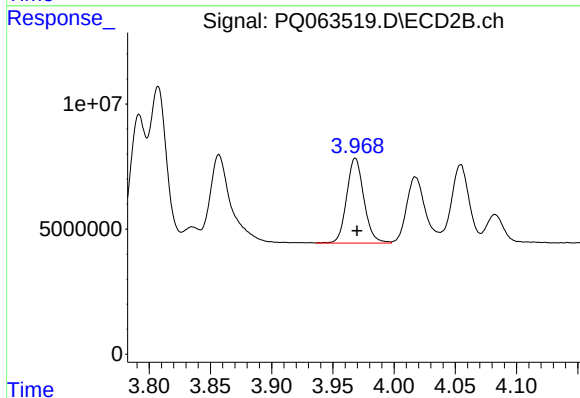
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 60137256
Conc: 313.49 ng/ml



#5 AR-1016-3

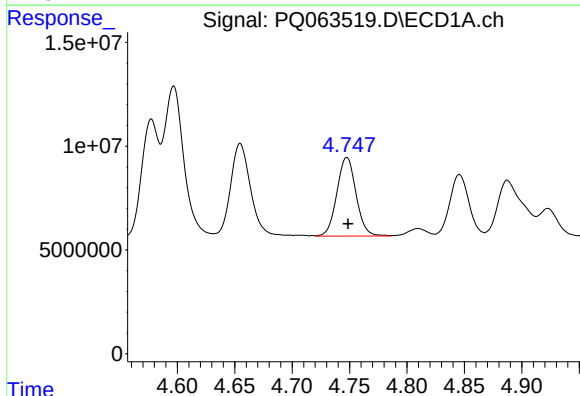
R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 54196309
Conc: 345.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



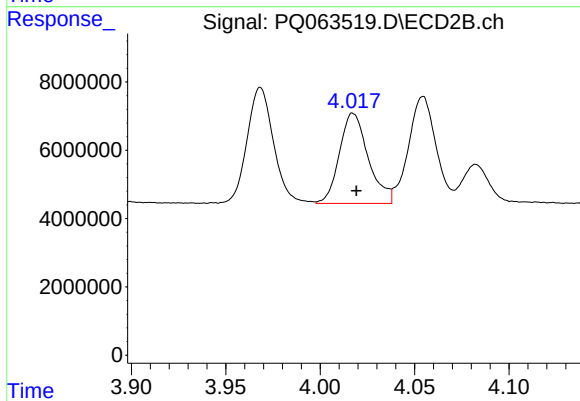
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 33204423
Conc: 316.32 ng/ml



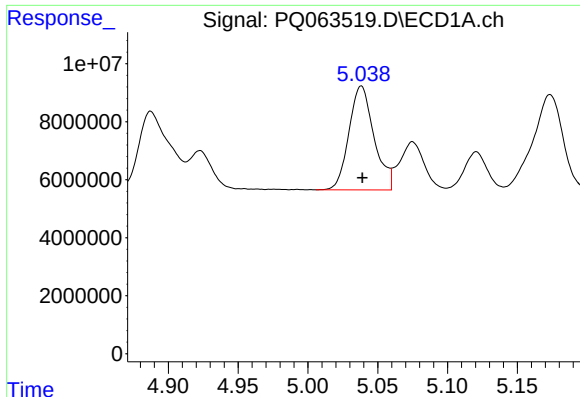
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 44186596
Conc: 344.74 ng/ml



#6 AR-1016-4

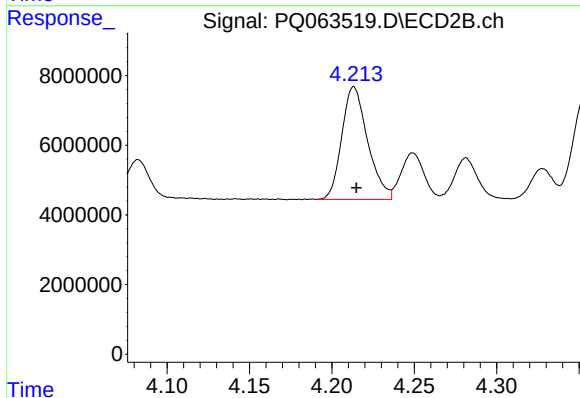
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 28126745
Conc: 317.91 ng/ml



#7 AR-1016-5

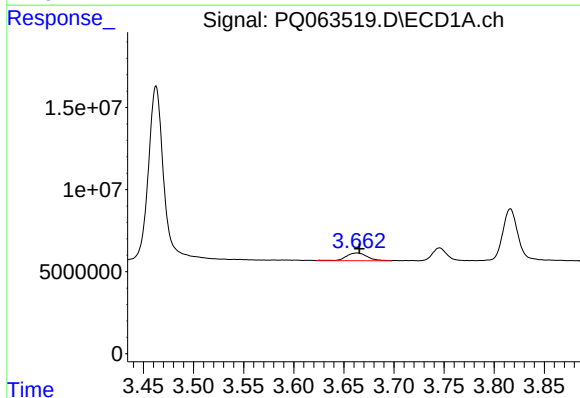
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 44826176
Conc: 355.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



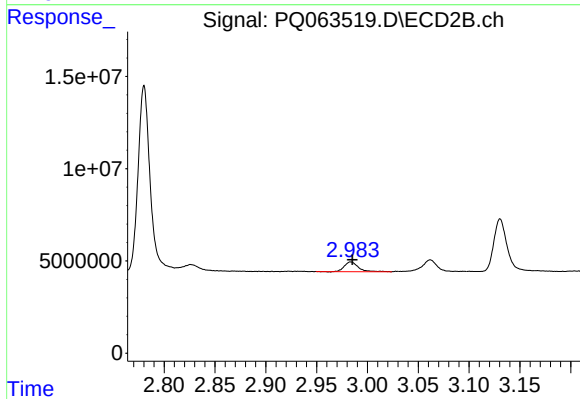
#7 AR-1016-5

R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 35369064
Conc: 329.35 ng/ml



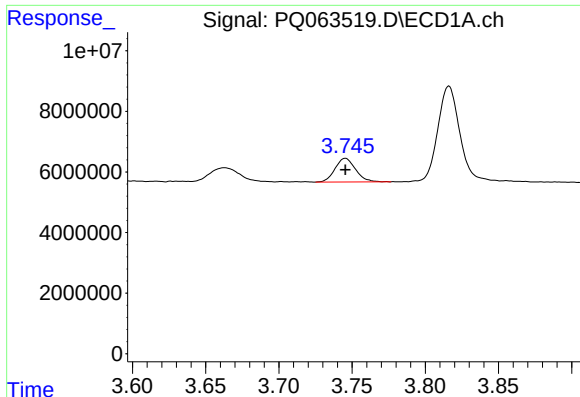
#8 AR-1221-1

R.T.: 3.663 min
Delta R.T.: -0.003 min
Response: 6919735
Conc: 110.38 ng/ml



#8 AR-1221-1

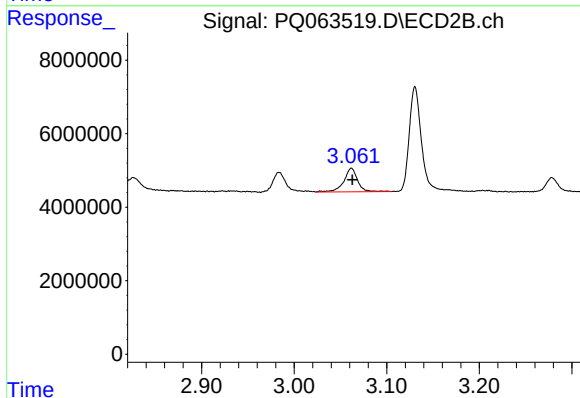
R.T.: 2.984 min
Delta R.T.: -0.002 min
Response: 5065639
Conc: 104.62 ng/ml



#9 AR-1221-2

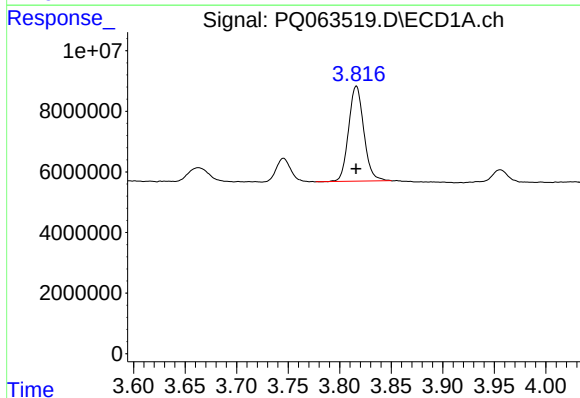
R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 7656245
Conc: 185.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



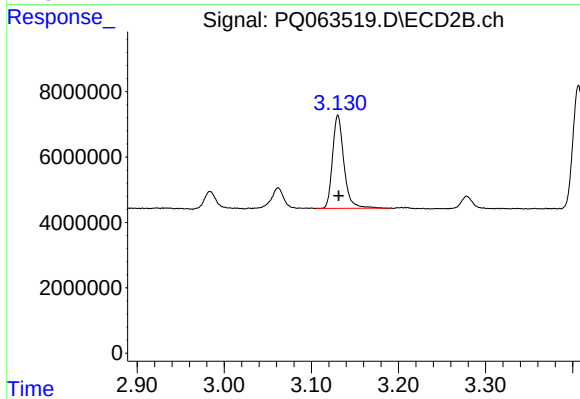
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 6599976
Conc: 198.05 ng/ml



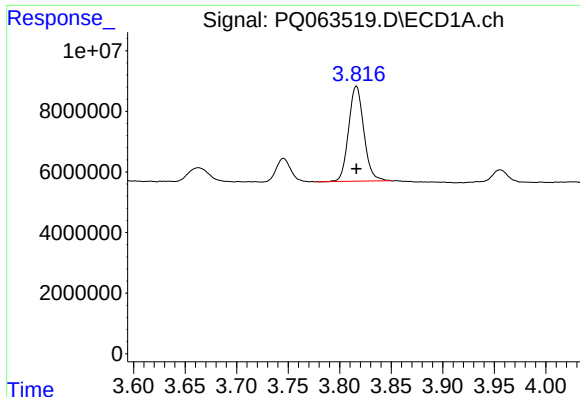
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 32219400
Conc: 234.91 ng/ml



#10 AR-1221-3

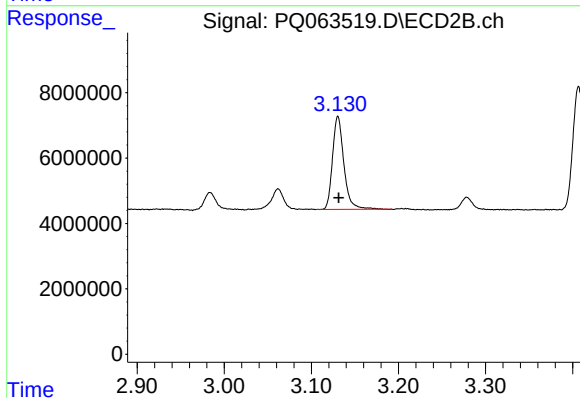
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 25844009
Conc: 227.75 ng/ml



#11 AR-1232-1

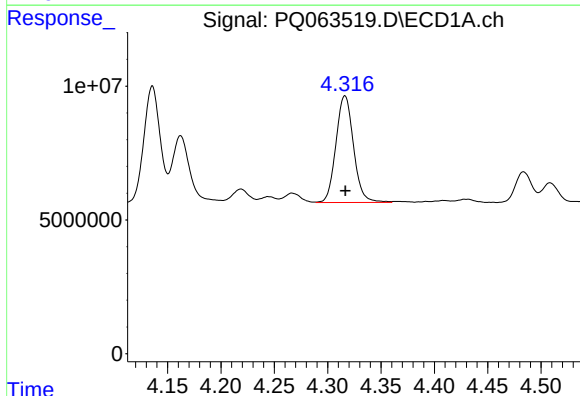
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 32219400
Conc: 289.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



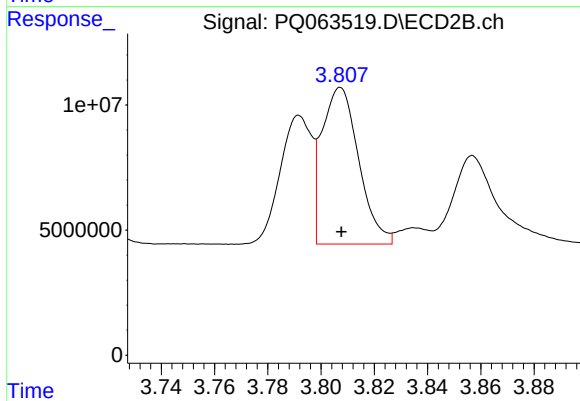
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 25844009
Conc: 275.27 ng/ml



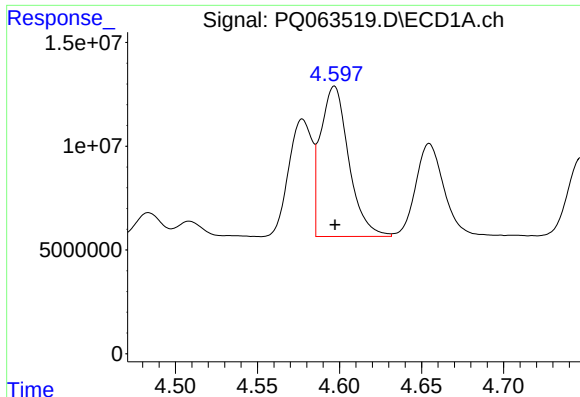
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 45695706
Conc: 773.20 ng/ml



#12 AR-1232-2

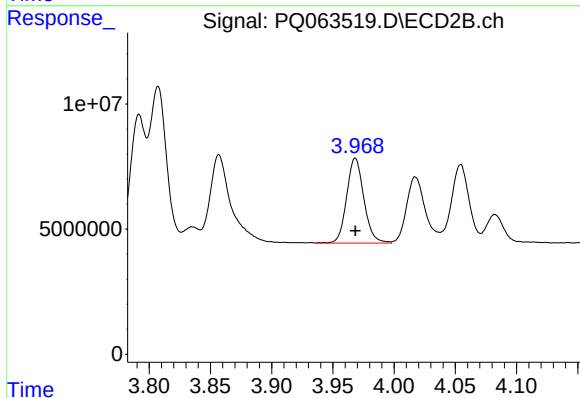
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 60137256
Conc: 691.58 ng/ml



#13 AR-1232-3

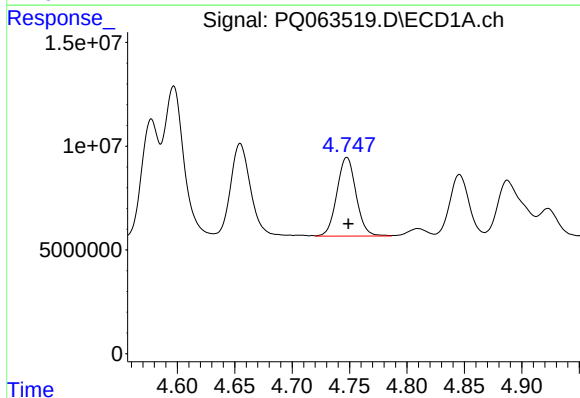
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 86605183
Conc: 760.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



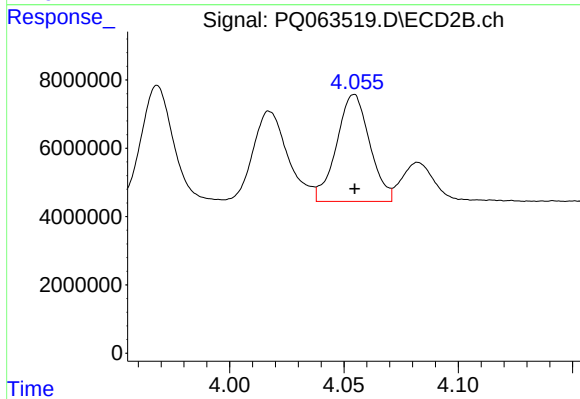
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 33204423
Conc: 723.40 ng/ml



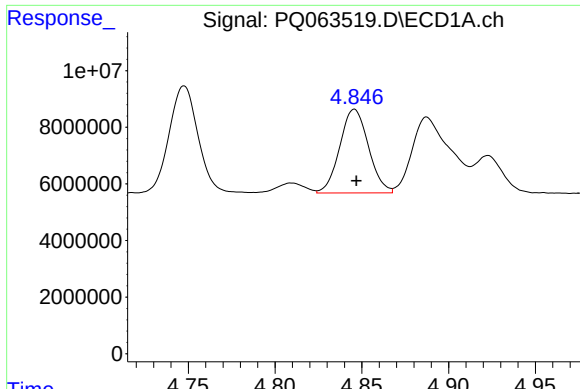
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 44186596
Conc: 764.30 ng/ml



#14 AR-1232-4

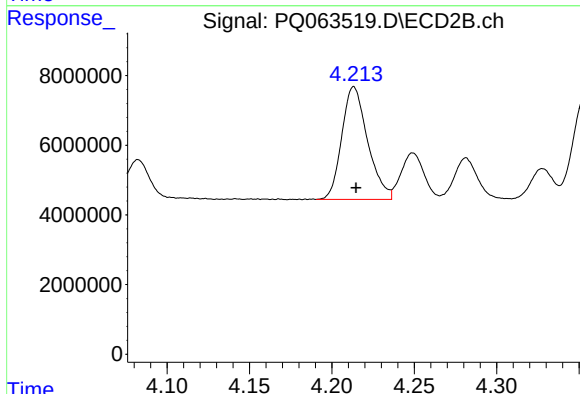
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 31583953
Conc: 807.50 ng/ml



#15 AR-1232-5

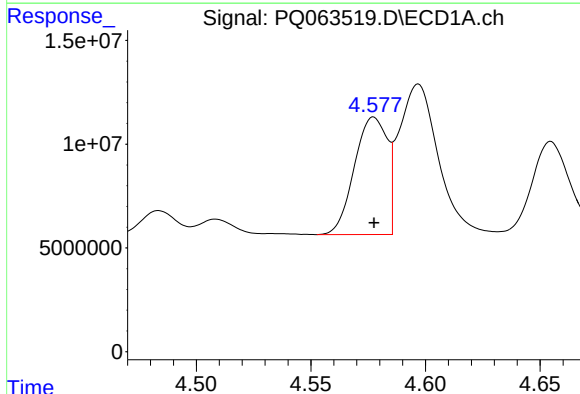
R.T.: 4.846 min
Delta R.T.: -0.001 min
Response: 34131025
Conc: 843.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



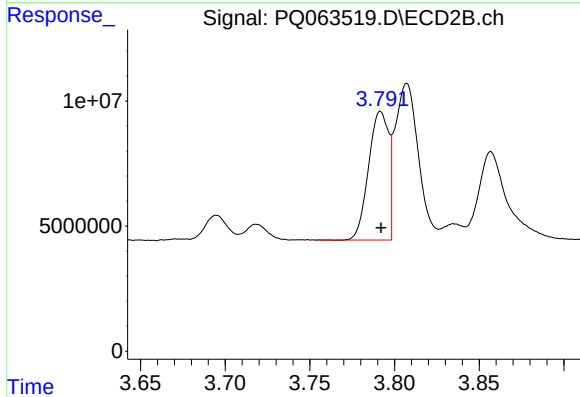
#15 AR-1232-5

R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 35369064
Conc: 783.46 ng/ml



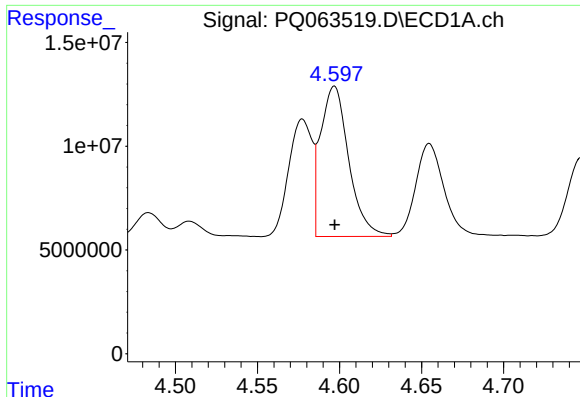
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 56353653
Conc: 404.69 ng/ml



#16 AR-1242-1

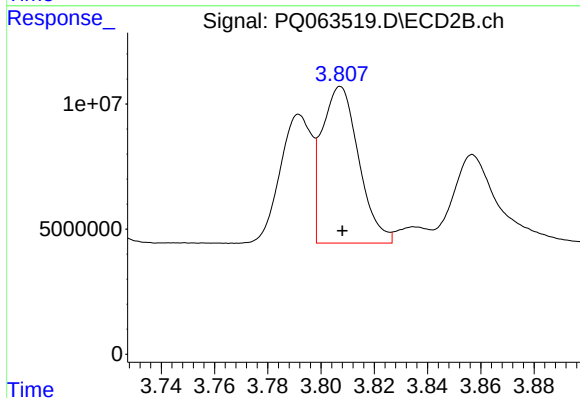
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 42286586
Conc: 375.38 ng/ml



#17 AR-1242-2

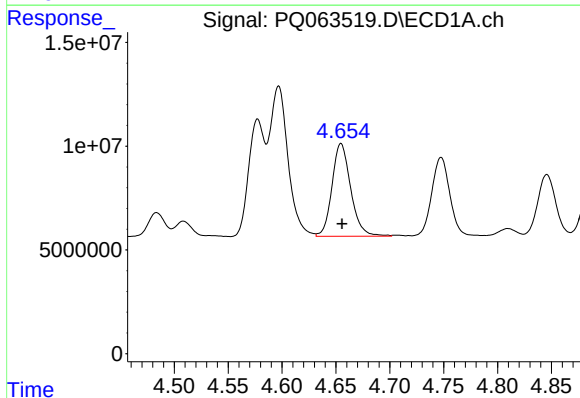
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 86605183
Conc: 404.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



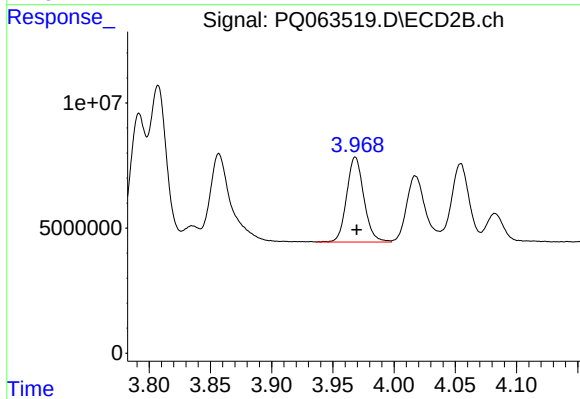
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 60137256
Conc: 370.34 ng/ml



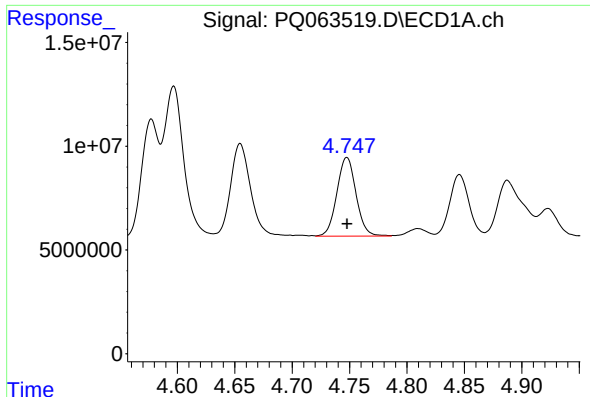
#18 AR-1242-3

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 54196309
Conc: 407.67 ng/ml



#18 AR-1242-3

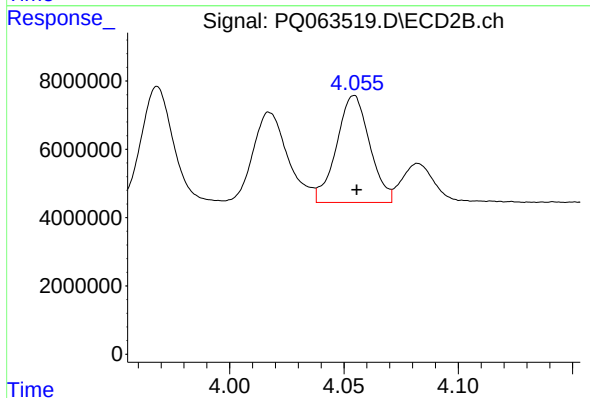
R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 33204423
Conc: 378.78 ng/ml



#19 AR-1242-4

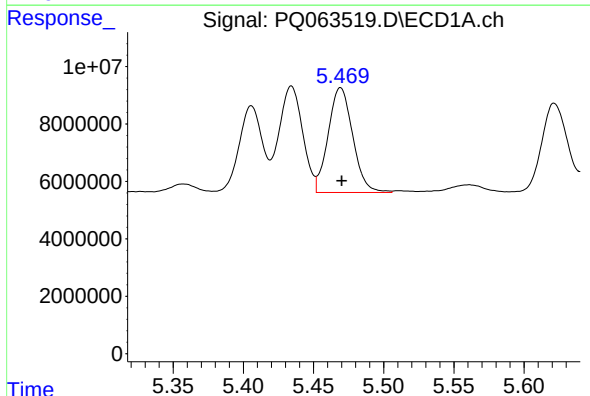
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 44186596
Conc: 405.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



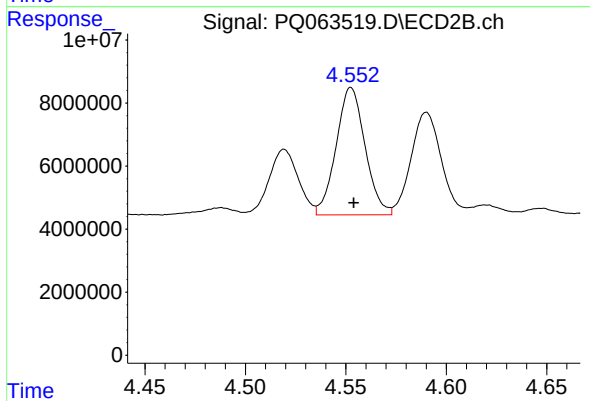
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 31583953
Conc: 385.37 ng/ml



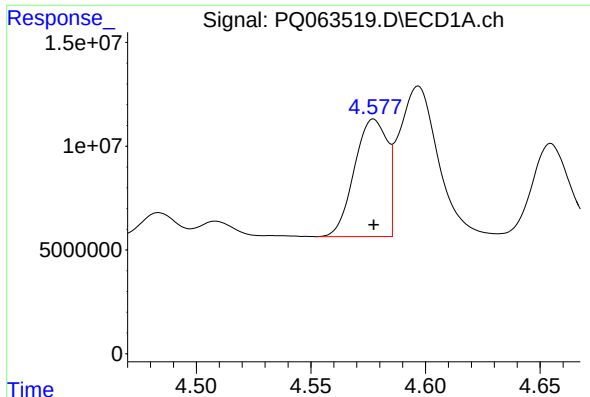
#20 AR-1242-5

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 44445850
Conc: 383.21 ng/ml



#20 AR-1242-5

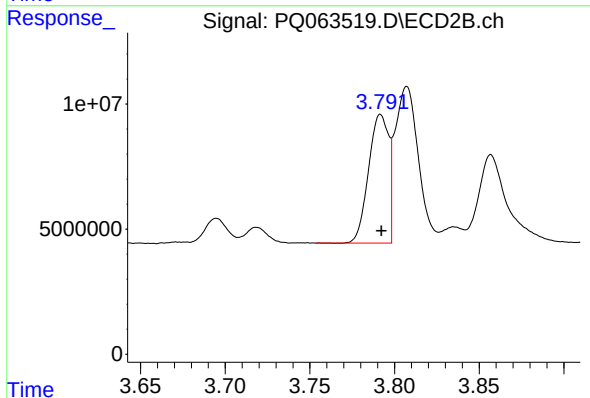
R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 40563021
Conc: 380.74 ng/ml



#21 AR-1248-1

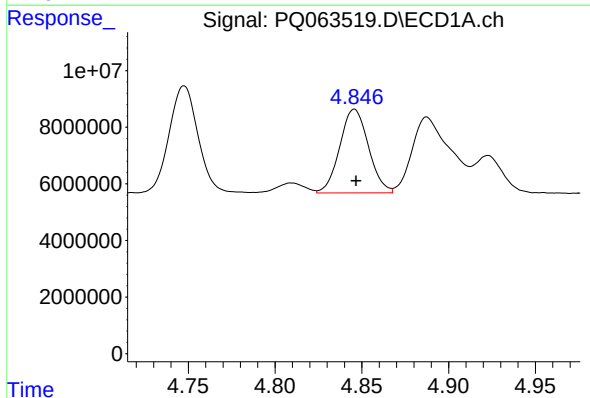
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 56353653
Conc: 528.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



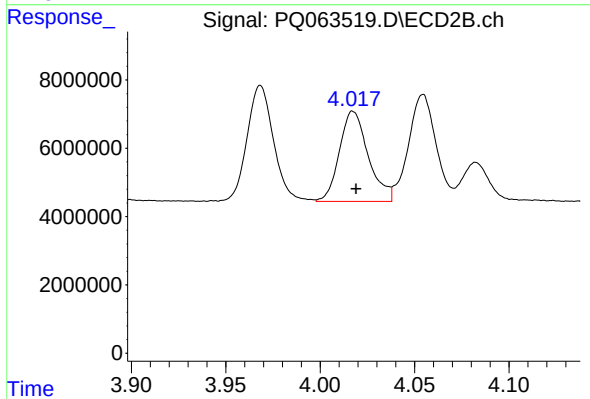
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 42286586
Conc: 488.51 ng/ml



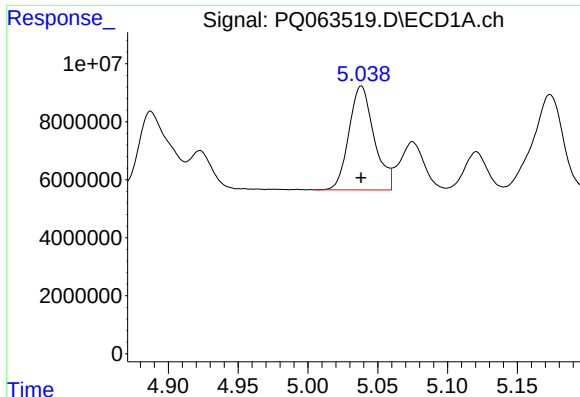
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 34131025
Conc: 222.96 ng/ml



#22 AR-1248-2

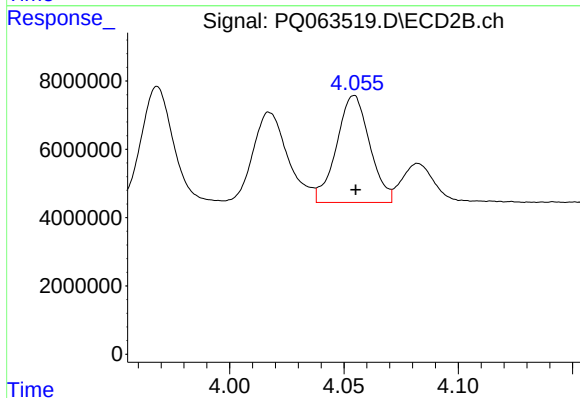
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 28126745
Conc: 218.42 ng/ml



#23 AR-1248-3

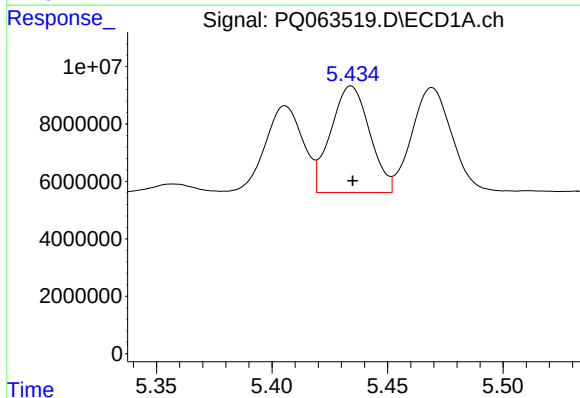
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 44826176
Conc: 243.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



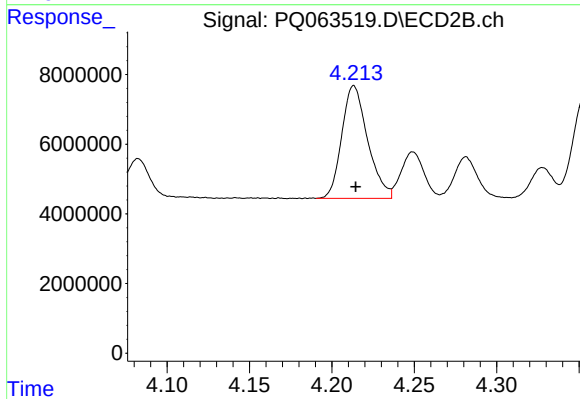
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 31583953
Conc: 254.91 ng/ml



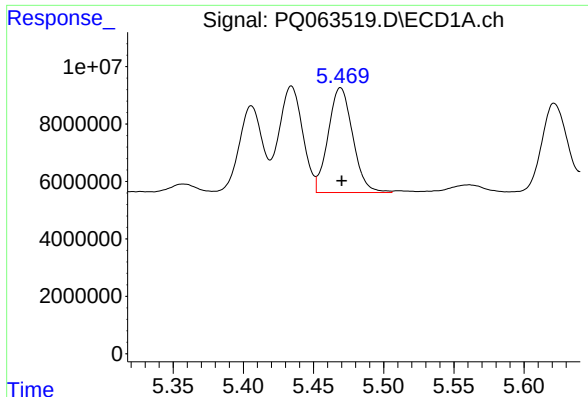
#24 AR-1248-4

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 43394807
Conc: 213.55 ng/ml



#24 AR-1248-4

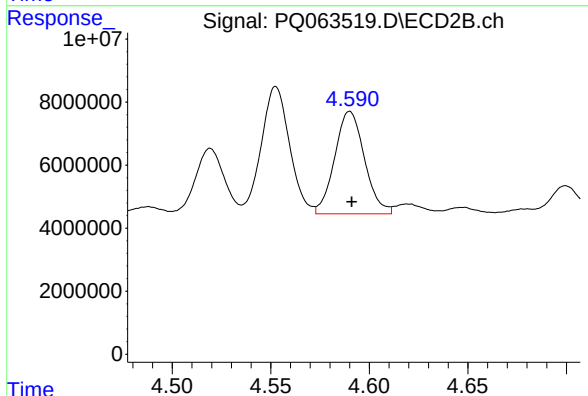
R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 35369064
Conc: 233.09 ng/ml



#25 AR-1248-5

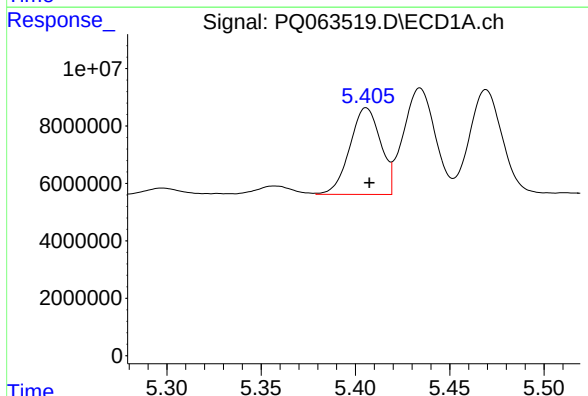
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 44445850
Conc: 221.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



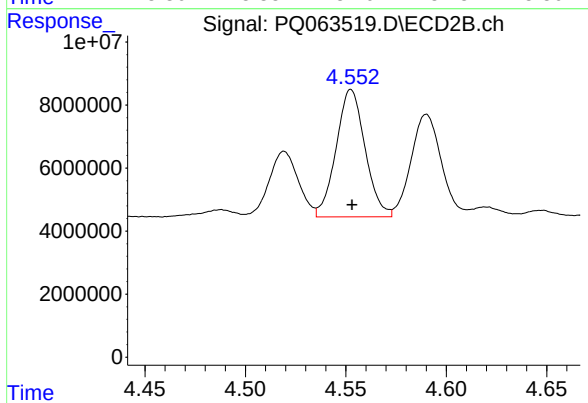
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 34221400
Conc: 225.46 ng/ml



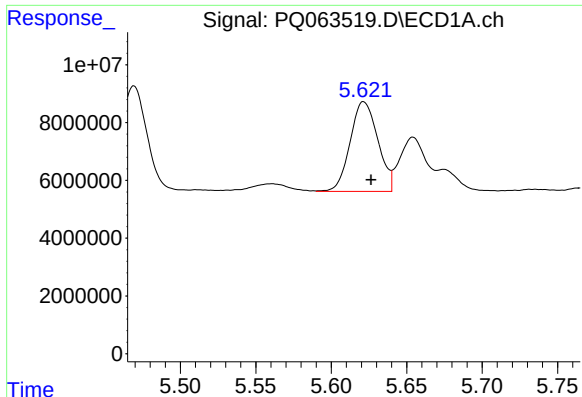
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.002 min
Response: 34405452
Conc: 171.94 ng/ml



#26 AR-1254-1

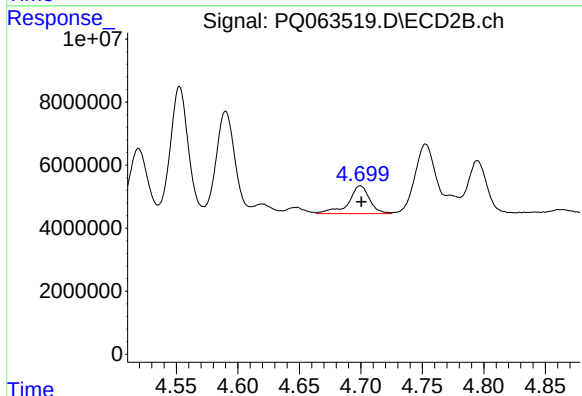
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 40563021
Conc: 183.83 ng/ml



#27 AR-1254-2

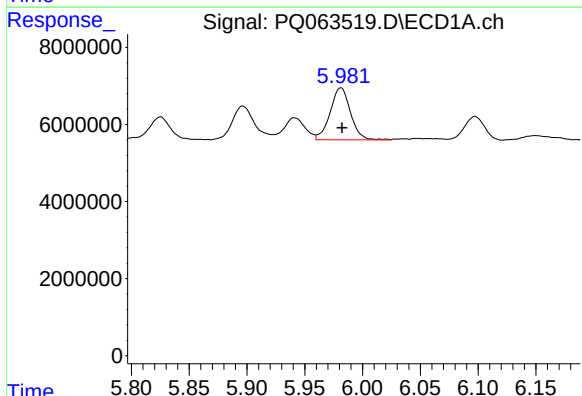
R.T.: 5.622 min
Delta R.T.: -0.005 min
Response: 39771103
Conc: 127.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



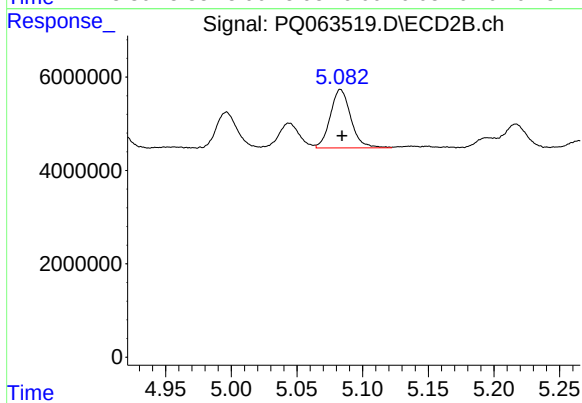
#27 AR-1254-2

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 10599229
Conc: 54.63 ng/ml



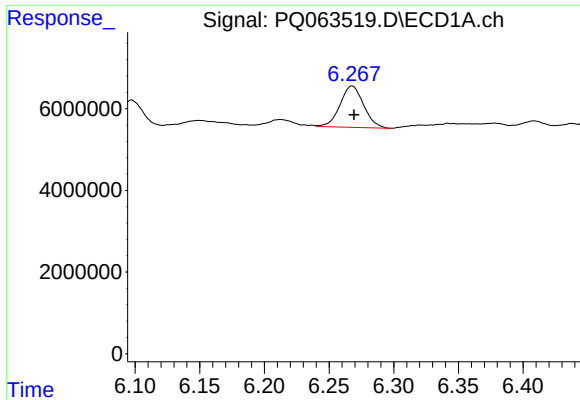
#28 AR-1254-3

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 16489037
Conc: 50.81 ng/ml



#28 AR-1254-3

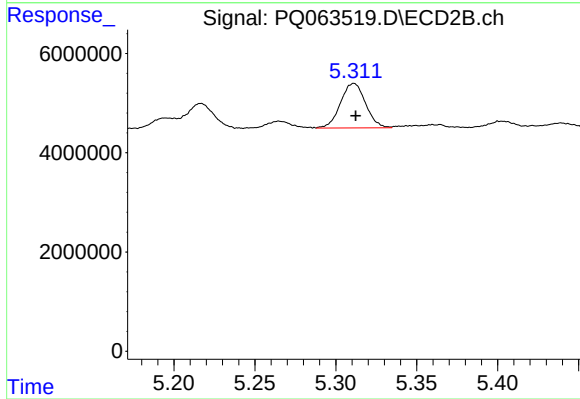
R.T.: 5.083 min
Delta R.T.: -0.001 min
Response: 13670238
Conc: 44.81 ng/ml



#29 AR-1254-4

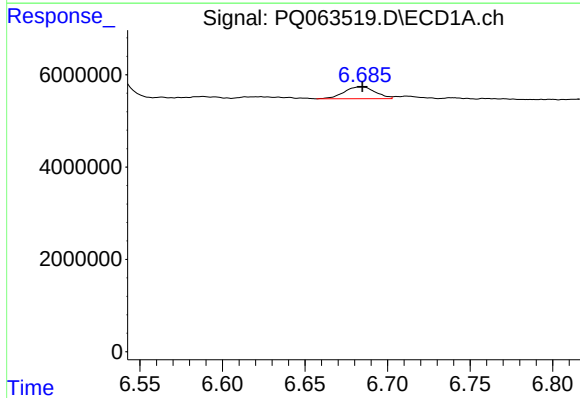
R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 12891602
Conc: 54.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



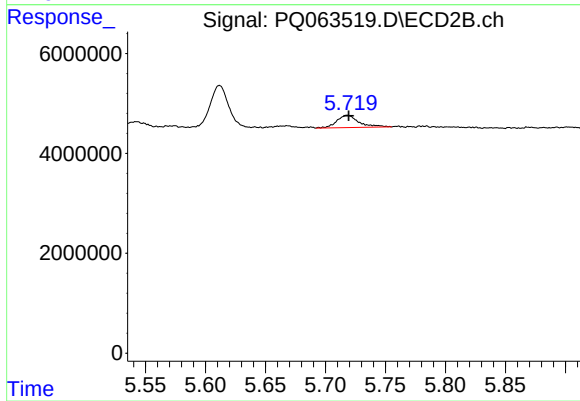
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.001 min
Response: 9716410
Conc: 49.84 ng/ml



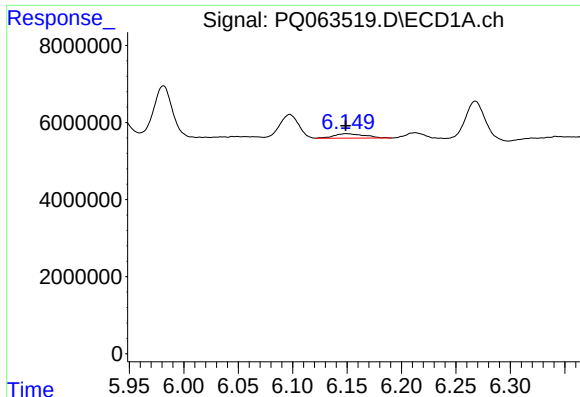
#30 AR-1254-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 3403377
Conc: 13.15 ng/ml



#30 AR-1254-5

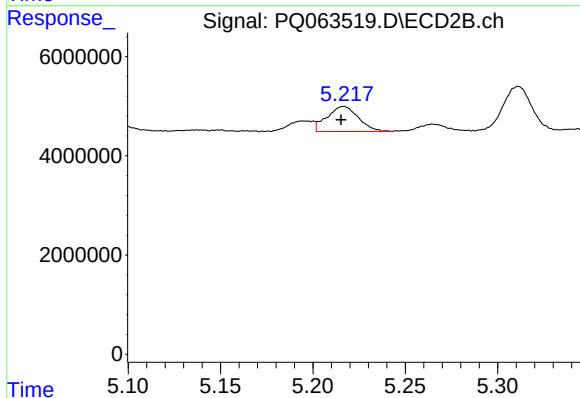
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 3161340
Conc: 11.44 ng/ml



#31 AR-1260-1

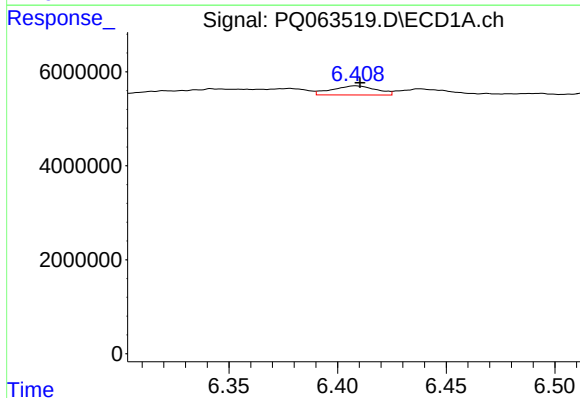
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 2174322
Conc: 8.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



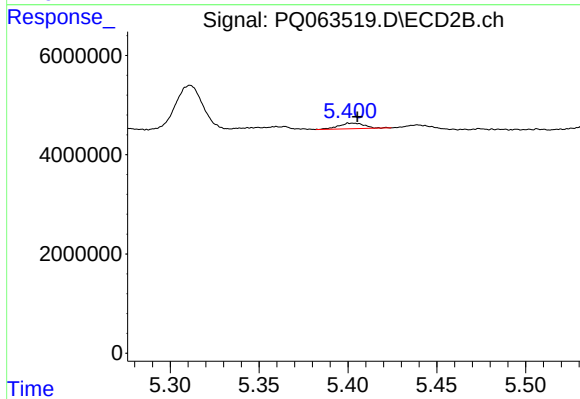
#31 AR-1260-1

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 5970281
Conc: 27.91 ng/ml



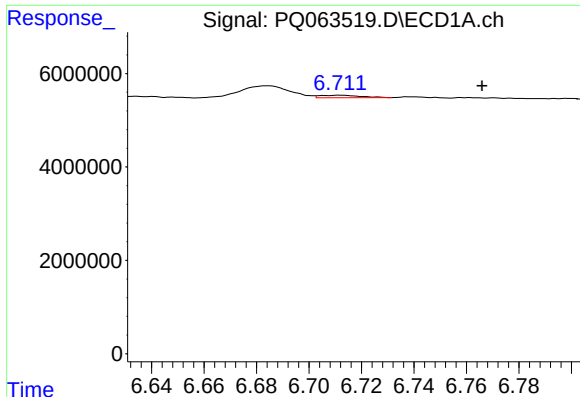
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: -0.002 min
Response: 2750815
Conc: 9.22 ng/ml



#32 AR-1260-2

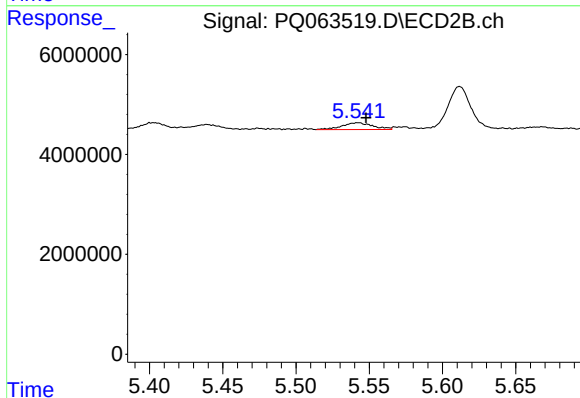
R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 1122094
Conc: 4.42 ng/ml



#33 AR-1260-3

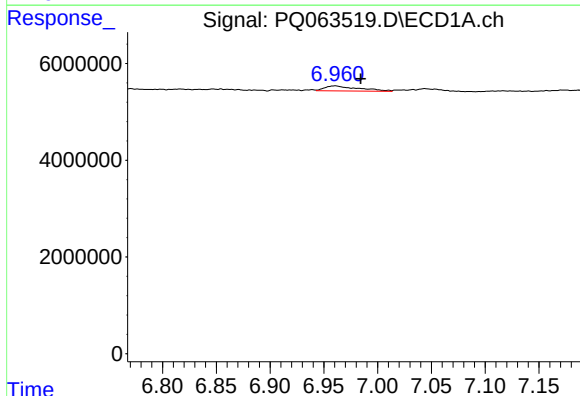
R.T.: 6.712 min
Delta R.T.: -0.054 min
Response: 558908
Conc: 2.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



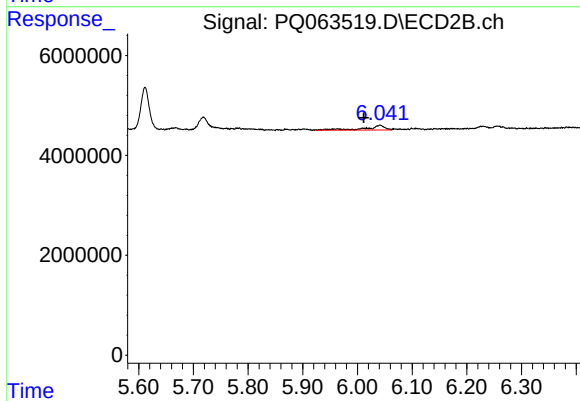
#33 AR-1260-3

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 1985450
Conc: 8.20 ng/ml



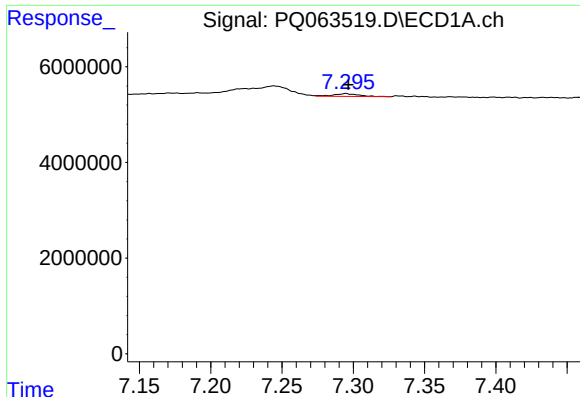
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.024 min
Response: 2263232
Conc: 9.20 ng/ml



#34 AR-1260-4

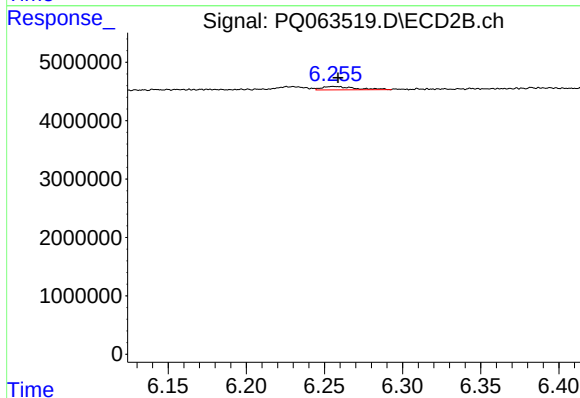
R.T.: 6.042 min
Delta R.T.: 0.030 min
Response: 2324757
Conc: 11.47 ng/ml



#35 AR-1260-5

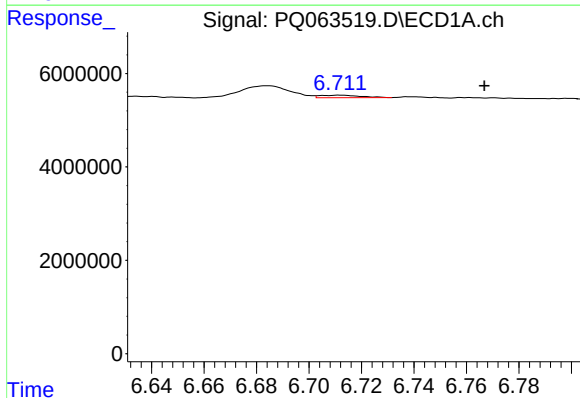
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 741182
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



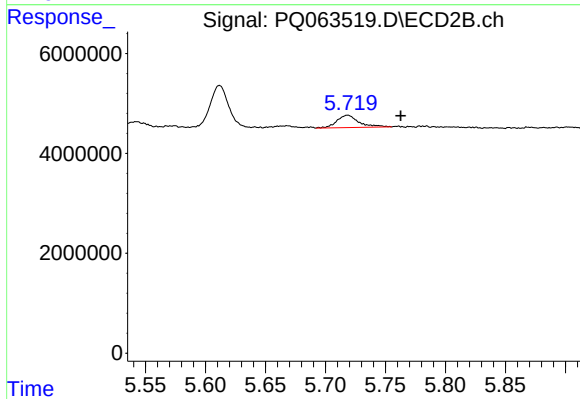
#35 AR-1260-5

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 869384
Conc: 1.87 ng/ml



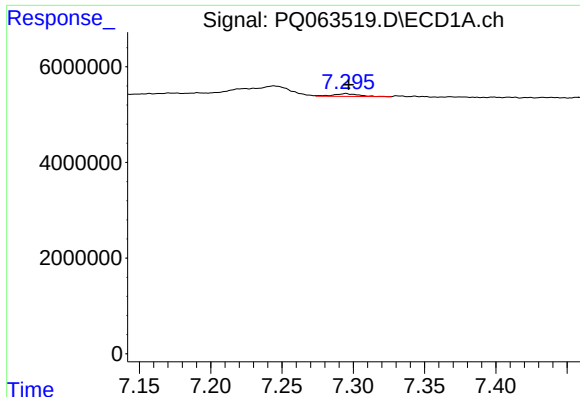
#36 AR-1262-1

R.T.: 6.712 min
Delta R.T.: -0.055 min
Response: 558908
Conc: 1.69 ng/ml



#36 AR-1262-1

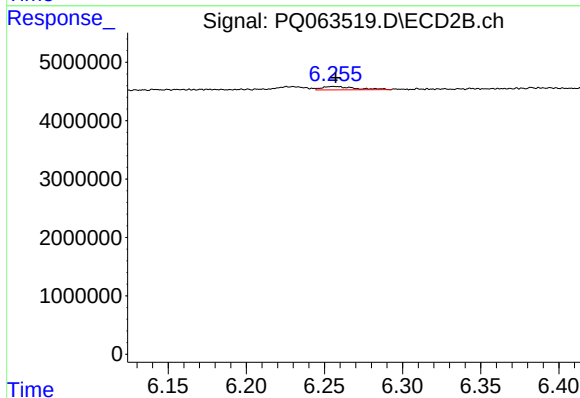
R.T.: 5.718 min
Delta R.T.: -0.044 min
Response: 3161340
Conc: 10.97 ng/ml



#37 AR-1262-2

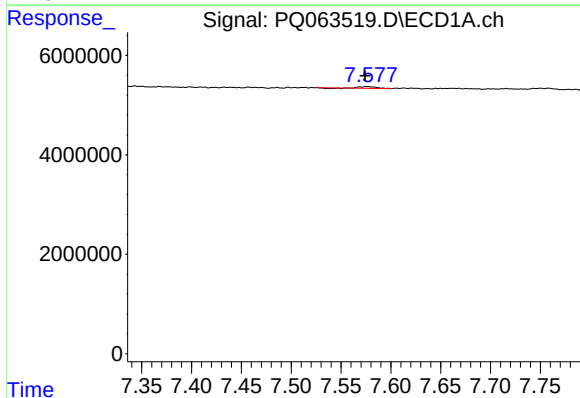
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 741182
Conc: 1.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



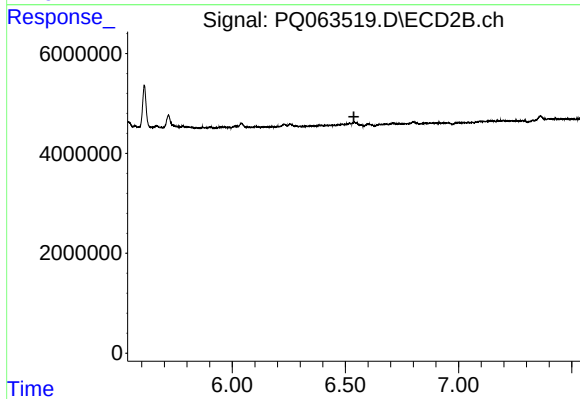
#37 AR-1262-2

R.T.: 6.256 min
Delta R.T.: -0.001 min
Response: 869384
Conc: 1.68 ng/ml



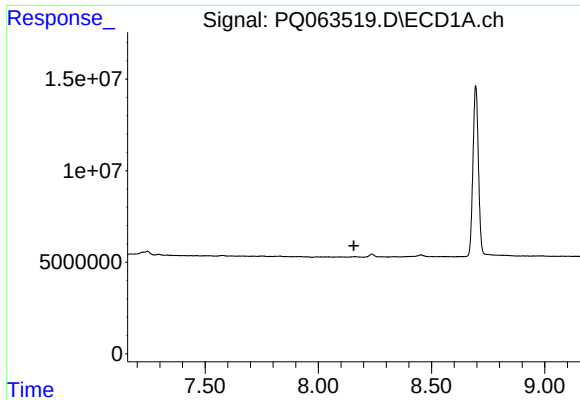
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 304083
Conc: 0.84 ng/ml



#38 AR-1262-3

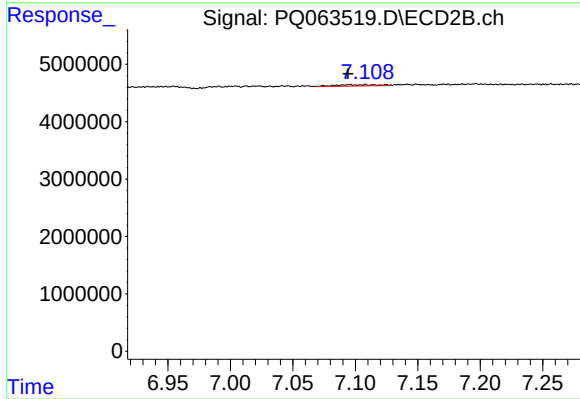
R.T.: 0.000 min
Exp R.T.: 6.538 min
Response: 0
Conc: N.D.



#40 AR-1262-5

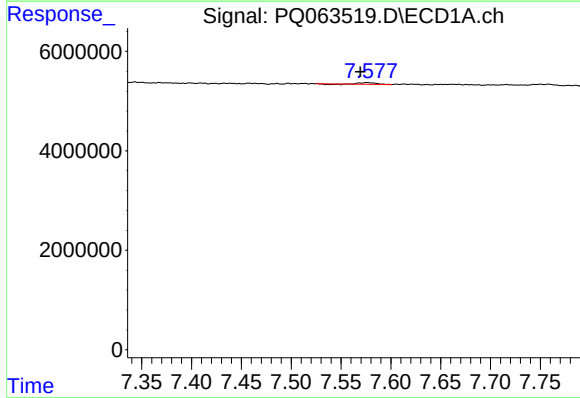
R.T.: 0.000 min
Exp R.T.: 8.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



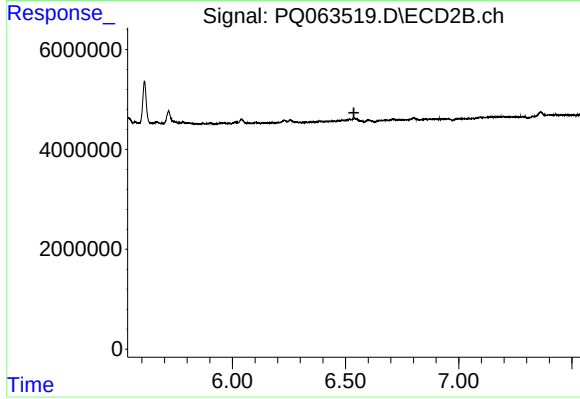
#40 AR-1262-5

R.T.: 7.108 min
Delta R.T.: 0.014 min
Response: 529315
Conc: 2.84 ng/ml



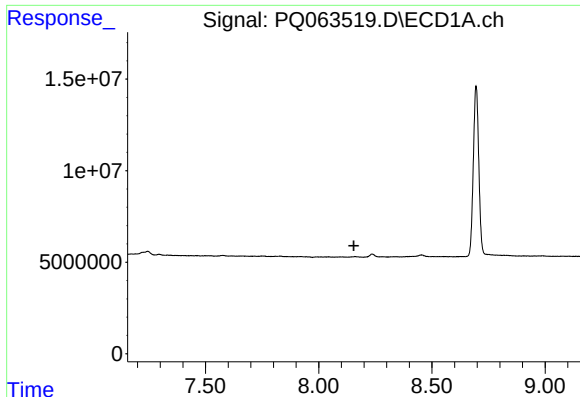
#41 AR-1268-1

R.T.: 7.576 min
Delta R.T.: 0.007 min
Response: 304083
Conc: 0.48 ng/ml



#41 AR-1268-1

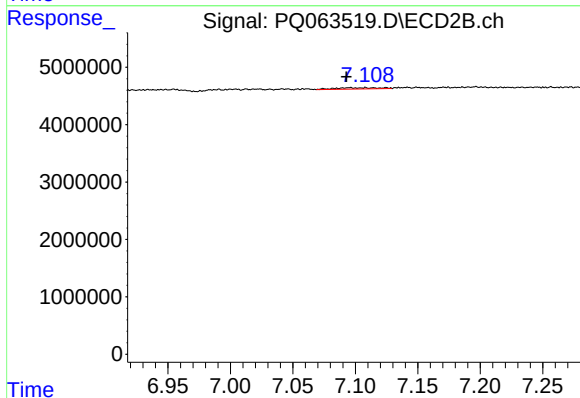
R.T.: 0.000 min
Exp R.T.: 6.537 min
Response: 0
Conc: N.D.



#44 AR-1268-4

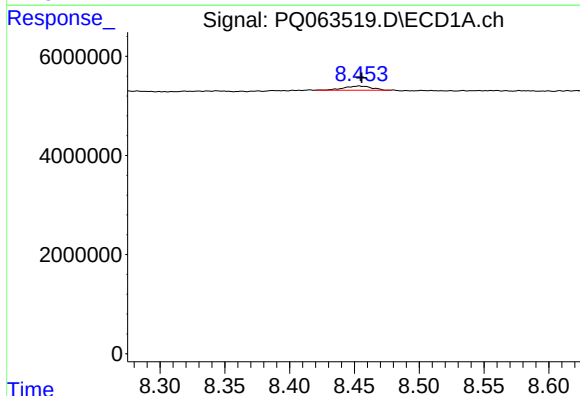
R.T.: 0.000 min
Exp R.T.: 8.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



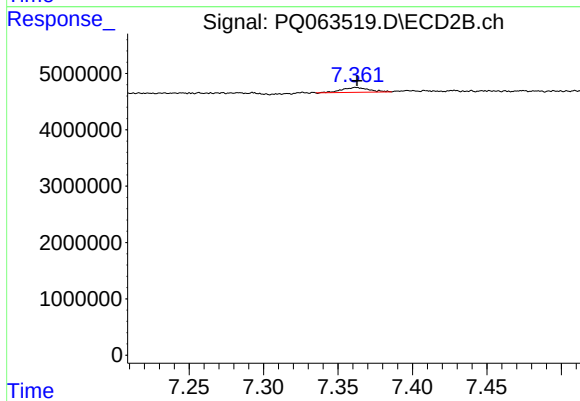
#44 AR-1268-4

R.T.: 7.108 min
Delta R.T.: 0.015 min
Response: 529315
Conc: 2.60 ng/ml



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: -0.002 min
Response: 1271735
Conc: 0.89 ng/ml



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 1086015
Conc: 0.76 ng/ml