

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100323\
 Data File : PQ063521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2023 10:57
 Operator : YP\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 21:21:19 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...	3.461	2.780	110.1E6	87046782	20.983	21.540
2)	SA Decachlor...	8.693	7.580	161.4E6	150.5E6	43.685	40.702
Target Compounds							
3)	L1 AR-1016-1	4.576	3.792	1957508	1693119	11.852	12.736
4)	L1 AR-1016-2	4.597	3.807	3320456	1449510	13.179	7.556 #
5)	L1 AR-1016-3	4.654	3.968	1626334	929629	10.380	8.856
6)	L1 AR-1016-4	4.746	4.017	1633043	36446502	12.741	411.950 #
7)	L1 AR-1016-5	5.036	4.213	29013474	22001196	230.136	204.869
8)	L2 AR-1221-1	0.000	3.052f	0	1251999	N.D.	25.857 #
9)	L2 AR-1221-2	3.743	3.052	1565602	1251999	37.926	37.570
10)	L2 AR-1221-3	3.814	3.130	649356	764737	4.734	6.739 #
11)	L3 AR-1232-1	3.814	3.130	649356	764737	5.834	8.145 #
12)	L3 AR-1232-2	4.316	3.807	1344952	1449510	22.758	16.670 #
13)	L3 AR-1232-3	4.597	3.968	3320456	929629	29.147	20.253 #
14)	L3 AR-1232-4	4.746	4.054	1633043	11106011	28.247	283.945 #
15)	L3 AR-1232-5	4.845	4.213	48924803	22001196	1208.577	487.351 #
16)	L4 AR-1242-1	4.576	3.792	1957508	1693119	14.057	15.030
17)	L4 AR-1242-2	4.597	3.807	3320456	1449510	15.490	8.926 #
18)	L4 AR-1242-3	4.654	3.968	1626334	929629	12.233	10.605
19)	L4 AR-1242-4	4.746	4.054	1633043	11106011	14.975	135.510 #
20)	L4 AR-1242-5	5.472	4.552	25749893	86557511	222.012	812.467 #
21)	L5 AR-1248-1	4.576	3.792	1957508	1693119	18.341	19.560
22)	L5 AR-1248-2	4.845	4.017	48924803	36446502	319.599	283.025
23)	L5 AR-1248-3	5.036	4.054	29013474	11106011	157.896	89.634 #
24)	L5 AR-1248-4	5.433	4.213	41807996	22001196	205.743	144.993 #
25)	L5 AR-1248-5	5.472	4.590	25749893	11030694	128.403	72.673 #
26)	L6 AR-1254-1	5.406	4.552	86430081	86557511	431.926	392.281
27)	L6 AR-1254-2	5.624	4.699	132.9E6	75960007	424.435	391.539
28)	L6 AR-1254-3	5.980	5.083	135.6E6	118.6E6	417.841	388.762
29)	L6 AR-1254-4	6.267	5.311	98037011	73751804	416.927	378.341
30)	L6 AR-1254-5	6.682	5.718	107.8E6	106.7E6	416.840	386.160
31)	L7 AR-1260-1	6.147	5.214	54636884	57920224	220.849	270.756
32)	L7 AR-1260-2	6.407	5.403	58053223	44885280	194.561	176.929
33)	L7 AR-1260-3	6.763	5.542	4863971	49821886	22.247	205.770 #
34)	L7 AR-1260-4	6.960	6.010	43868612	5299565	178.390	26.153 #
35)	L7 AR-1260-5	7.295	6.256	14439656	12735045	30.310	27.455
36)	L8 AR-1262-1	6.763	5.781	4863971	8619859	14.730	29.921 #
37)	L8 AR-1262-2	7.295	6.256	14439656	12735045	26.494	24.578
38)	L8 AR-1262-3	7.576	6.537	11734144	1574702	32.473	7.339 #
39)	L8 AR-1262-4	7.618	6.591	3104913	12651333	11.332	32.359 #
40)	L8 AR-1262-5	8.154	7.094	1160666	817223	6.272	4.391 #
41)	L9 AR-1268-1	7.576	6.537	11734144	1574702	18.627	2.610 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100323\
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Acq On : 03 Oct 2023 10:57
Operator : YP\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 6 Sample Multiplier: 1

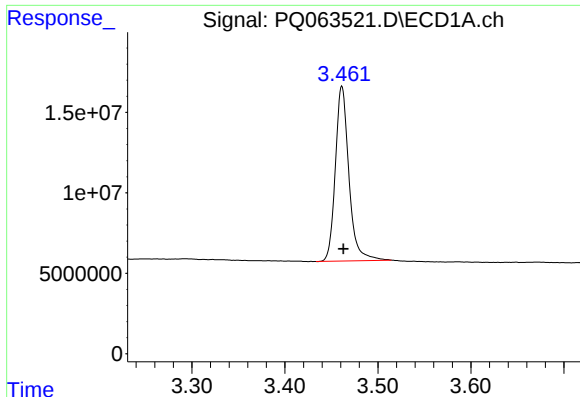
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 21:21:19 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
42)	L9 AR-1268-2	7.618	6.591	3104913	12651333	5.487	23.318 #
43)	L9 AR-1268-3	7.831	6.855f	1036275	717796	2.116	1.525 #
44)	L9 AR-1268-4	8.154	7.094	1160666	817223	5.727	4.011 #
45)	L9 AR-1268-5	8.451	7.364	1306221	1134777	0.910	0.794

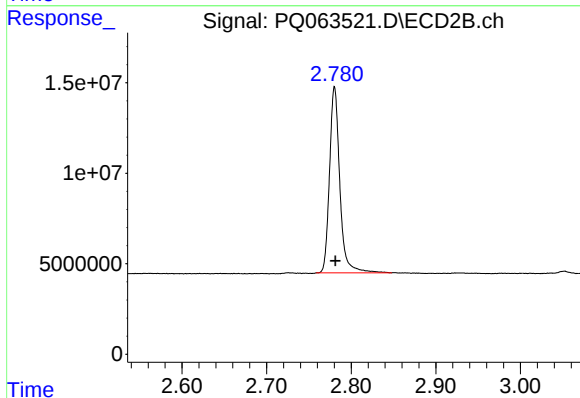
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

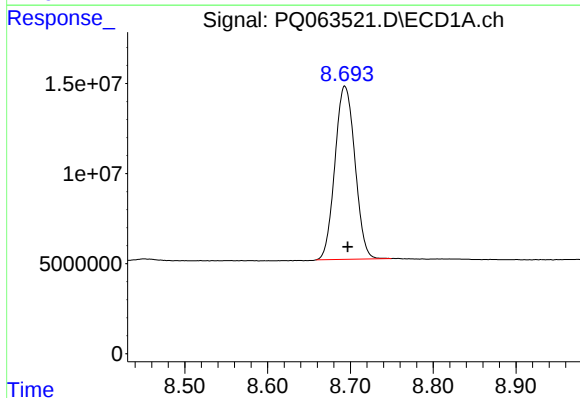
R.T.: 3.461 min
Delta R.T.: -0.002 min
Response: 110088386
Conc: 20.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



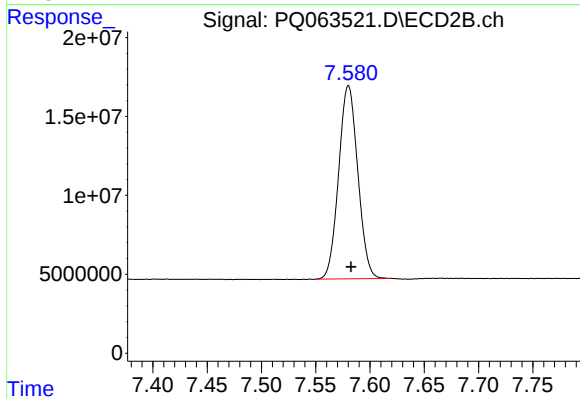
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.001 min
Response: 87046782
Conc: 21.54 ng/ml



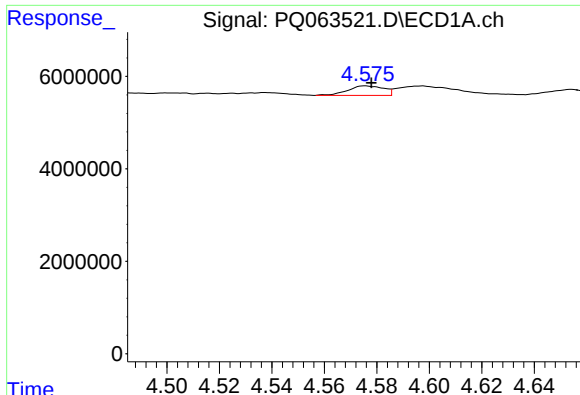
#2 Decachlorobiphenyl

R.T.: 8.693 min
Delta R.T.: -0.004 min
Response: 161408740
Conc: 43.68 ng/ml



#2 Decachlorobiphenyl

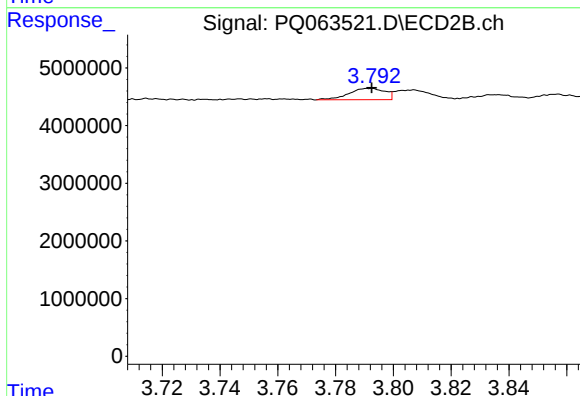
R.T.: 7.580 min
Delta R.T.: -0.002 min
Response: 150492011
Conc: 40.70 ng/ml



#3 AR-1016-1

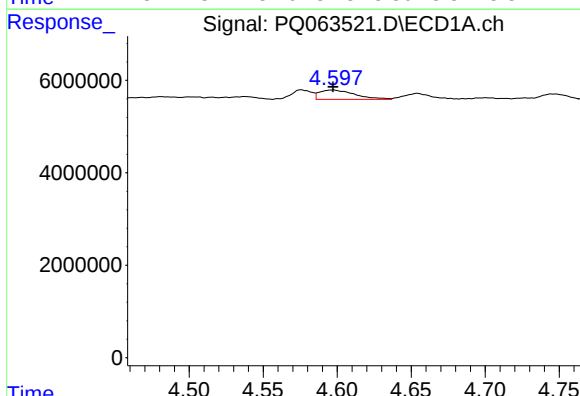
R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 1957508
Conc: 11.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



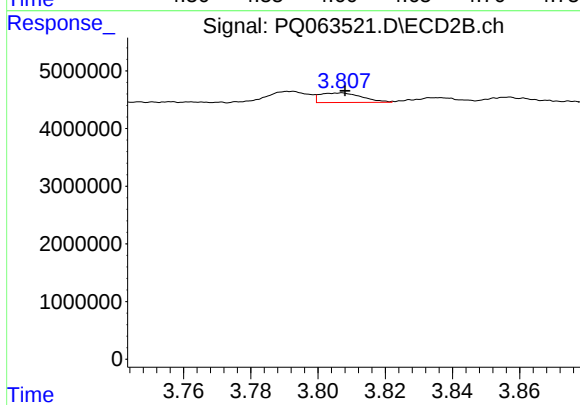
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 1693119
Conc: 12.74 ng/ml



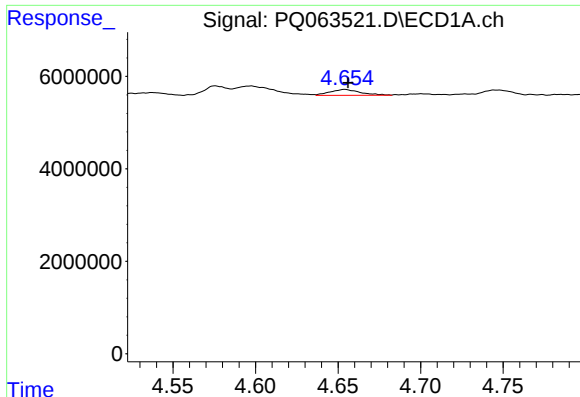
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 3320456
Conc: 13.18 ng/ml



#4 AR-1016-2

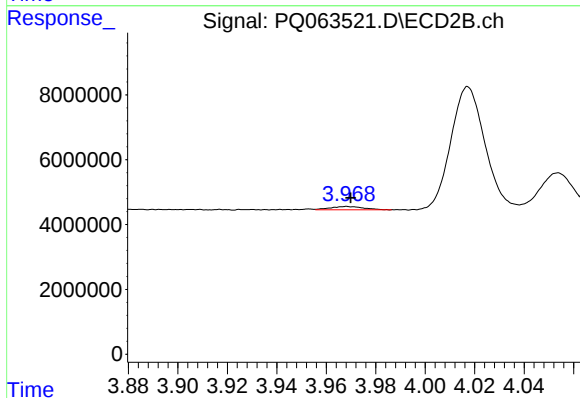
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 1449510
Conc: 7.56 ng/ml



#5 AR-1016-3

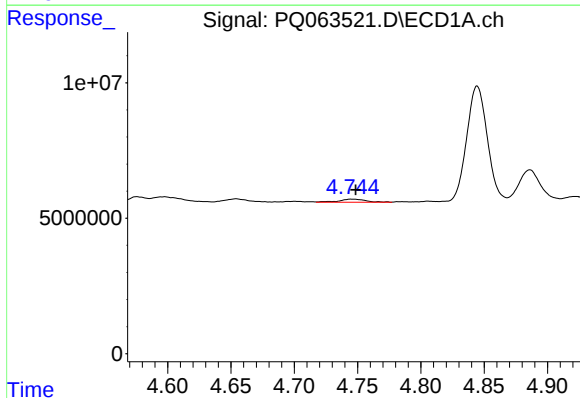
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 1626334
Conc: 10.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



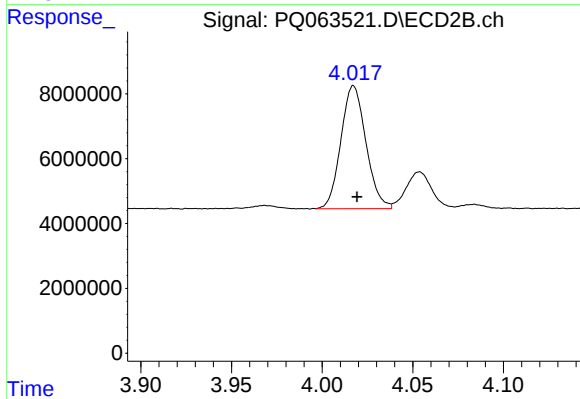
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 929629
Conc: 8.86 ng/ml



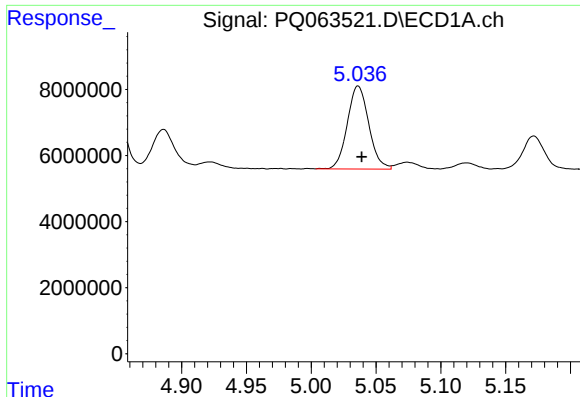
#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 1633043
Conc: 12.74 ng/ml



#6 AR-1016-4

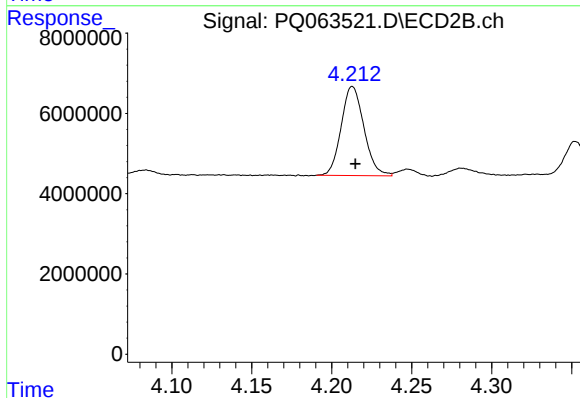
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 36446502
Conc: 411.95 ng/ml



#7 AR-1016-5

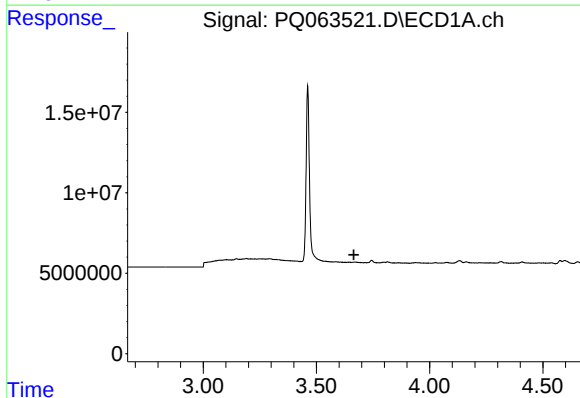
R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 29013474
Conc: 230.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



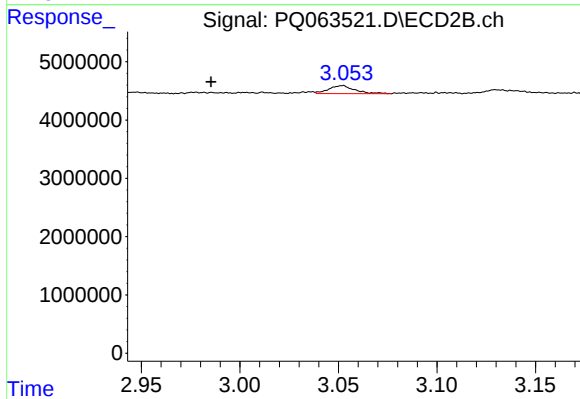
#7 AR-1016-5

R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 22001196
Conc: 204.87 ng/ml



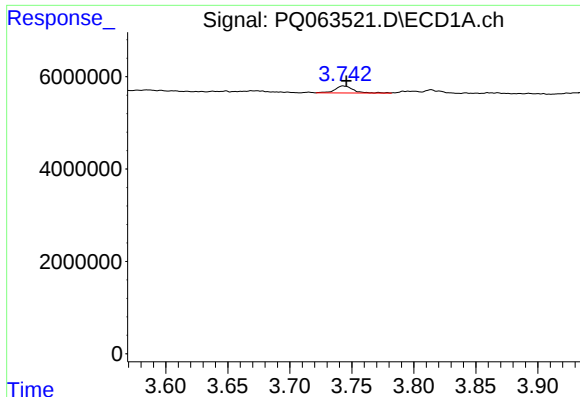
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.665 min
Response: 0
Conc: N.D.



#8 AR-1221-1

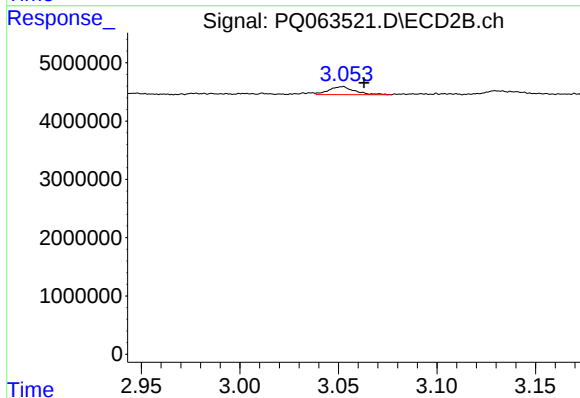
R.T.: 3.052 min
Delta R.T.: 0.067 min
Response: 1251999
Conc: 25.86 ng/ml



#9 AR-1221-2

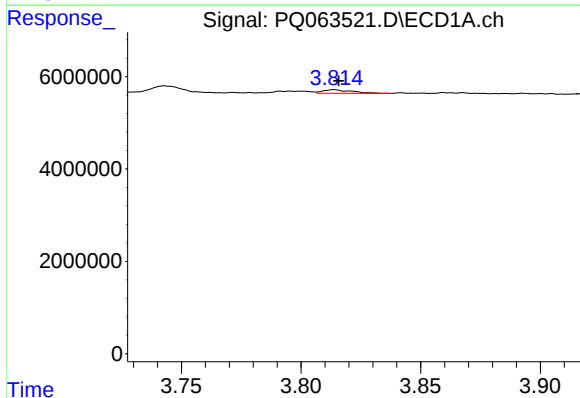
R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 1565602
Conc: 37.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



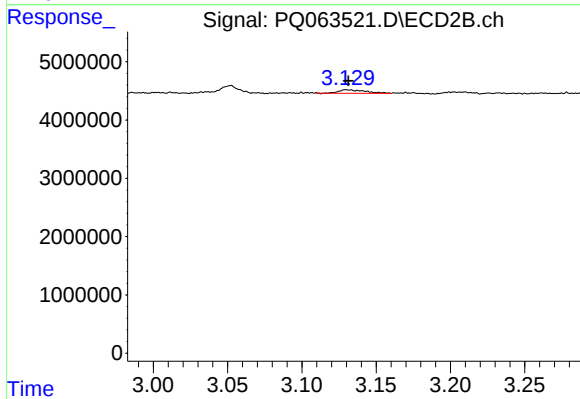
#9 AR-1221-2

R.T.: 3.052 min
Delta R.T.: -0.011 min
Response: 1251999
Conc: 37.57 ng/ml



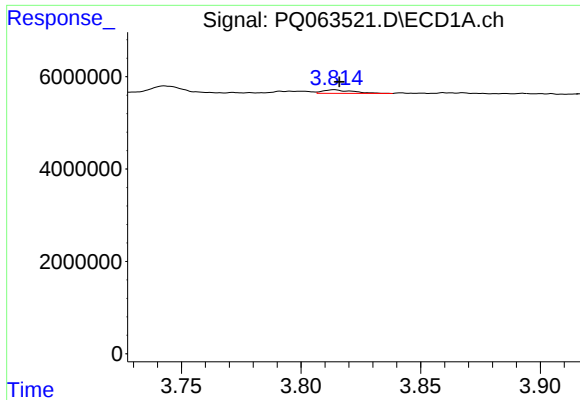
#10 AR-1221-3

R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 649356
Conc: 4.73 ng/ml



#10 AR-1221-3

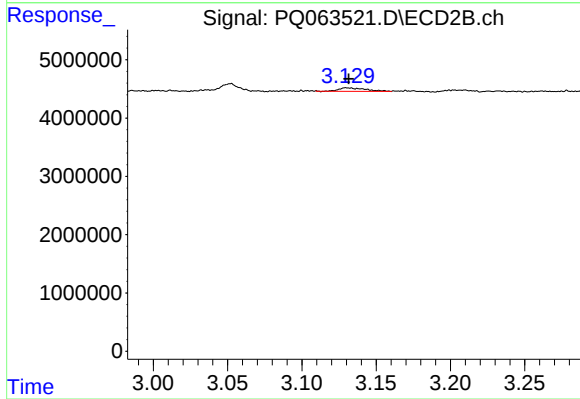
R.T.: 3.130 min
Delta R.T.: -0.002 min
Response: 764737
Conc: 6.74 ng/ml



#11 AR-1232-1

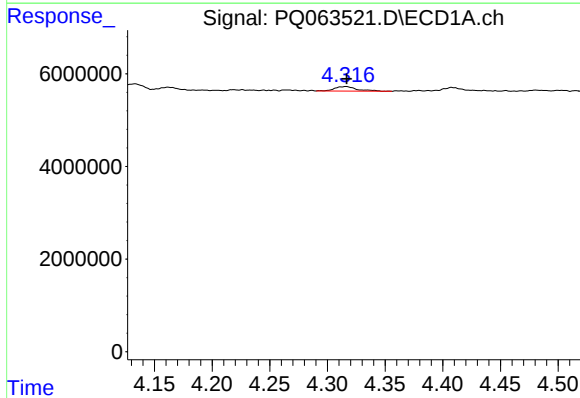
R.T.: 3.814 min
Delta R.T.: -0.002 min
Response: 649356
Conc: 5.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



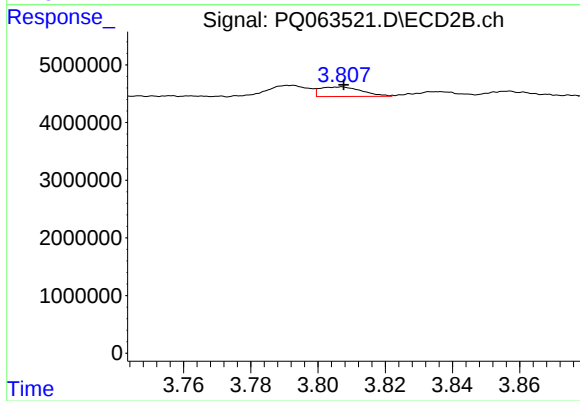
#11 AR-1232-1

R.T.: 3.130 min
Delta R.T.: -0.002 min
Response: 764737
Conc: 8.15 ng/ml



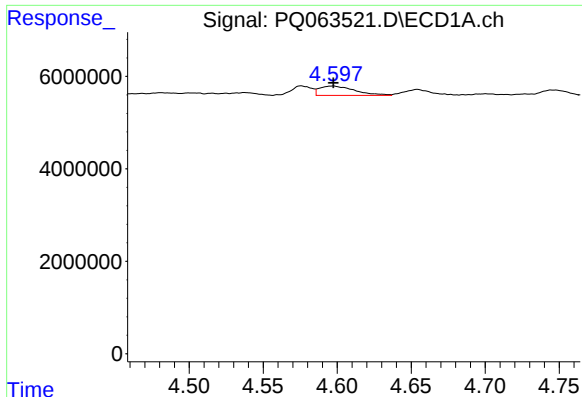
#12 AR-1232-2

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 1344952
Conc: 22.76 ng/ml



#12 AR-1232-2

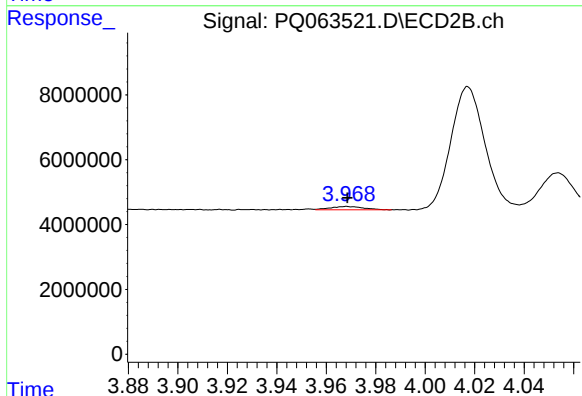
R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 1449510
Conc: 16.67 ng/ml



#13 AR-1232-3

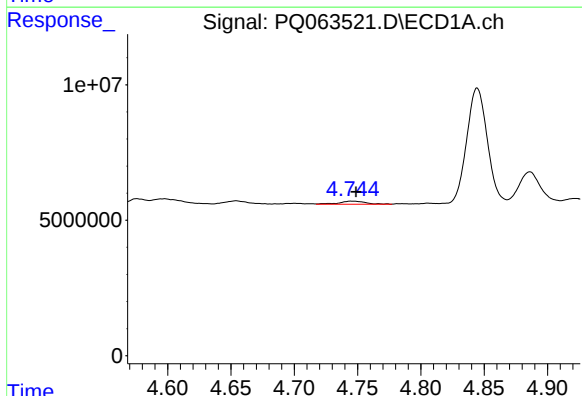
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 3320456
Conc: 29.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



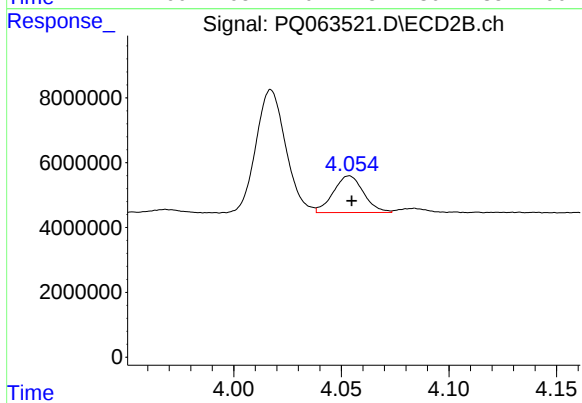
#13 AR-1232-3

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 929629
Conc: 20.25 ng/ml



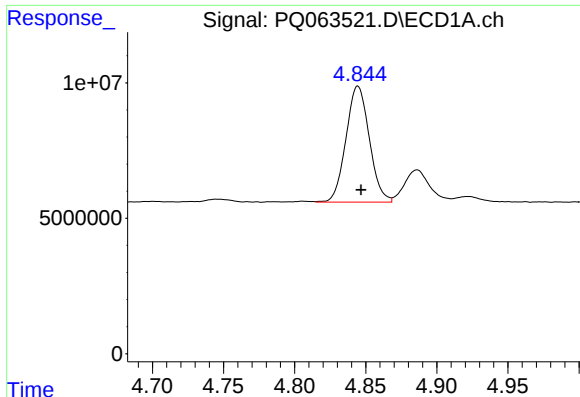
#14 AR-1232-4

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 1633043
Conc: 28.25 ng/ml



#14 AR-1232-4

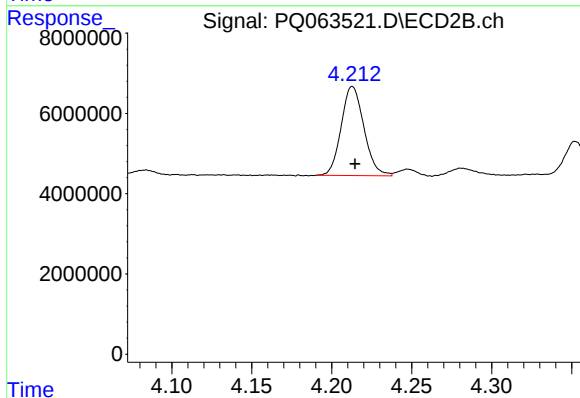
R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 11106011
Conc: 283.95 ng/ml



#15 AR-1232-5

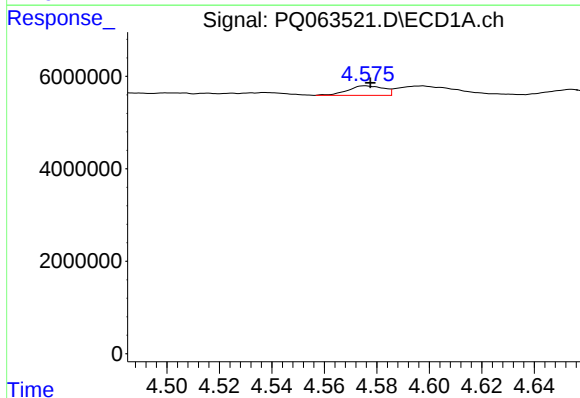
R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 48924803
Conc: 1208.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



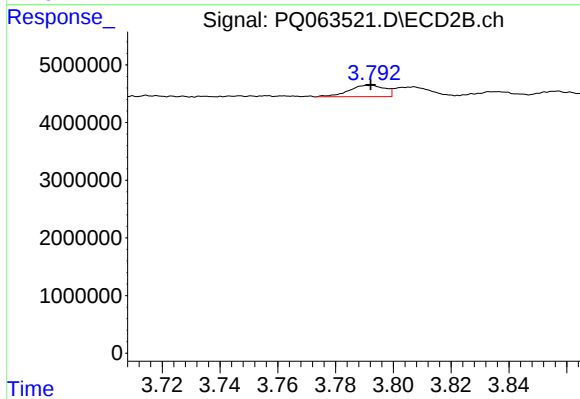
#15 AR-1232-5

R.T.: 4.213 min
Delta R.T.: -0.002 min
Response: 22001196
Conc: 487.35 ng/ml



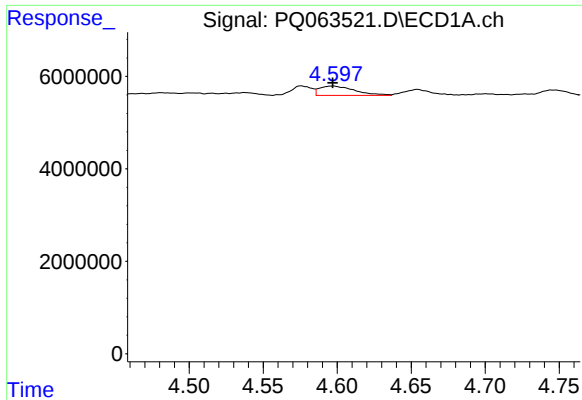
#16 AR-1242-1

R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 1957508
Conc: 14.06 ng/ml



#16 AR-1242-1

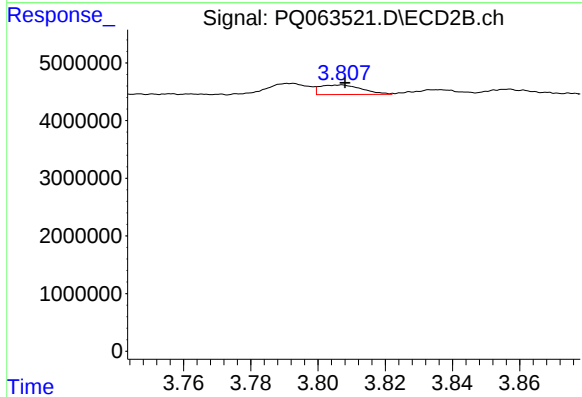
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 1693119
Conc: 15.03 ng/ml



#17 AR-1242-2

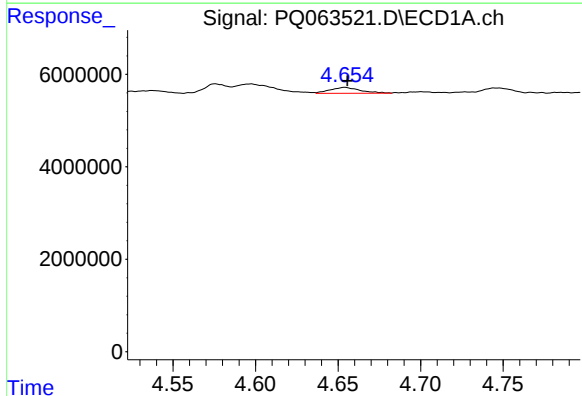
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 3320456
Conc: 15.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



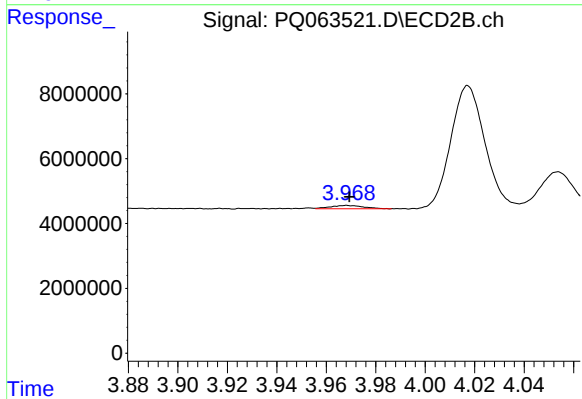
#17 AR-1242-2

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 1449510
Conc: 8.93 ng/ml



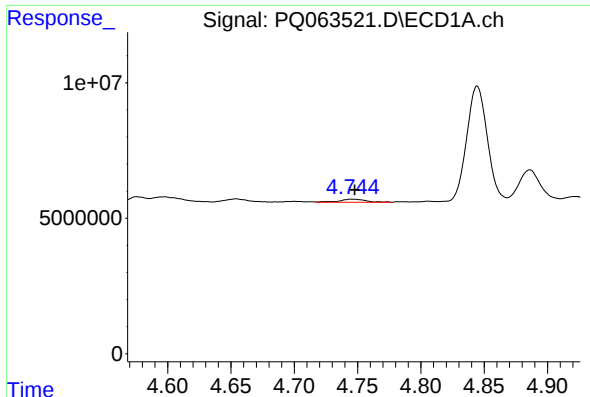
#18 AR-1242-3

R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 1626334
Conc: 12.23 ng/ml



#18 AR-1242-3

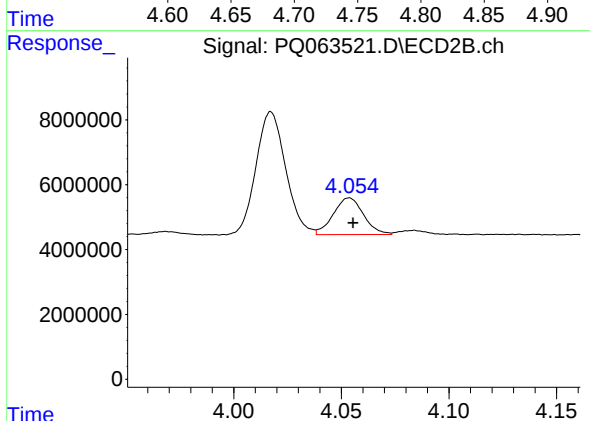
R.T.: 3.968 min
Delta R.T.: -0.001 min
Response: 929629
Conc: 10.60 ng/ml



#19 AR-1242-4

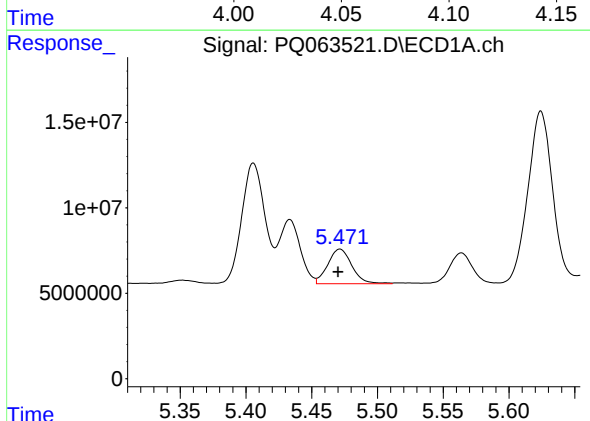
R.T.: 4.746 min
Delta R.T.: -0.002 min
Response: 1633043
Conc: 14.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



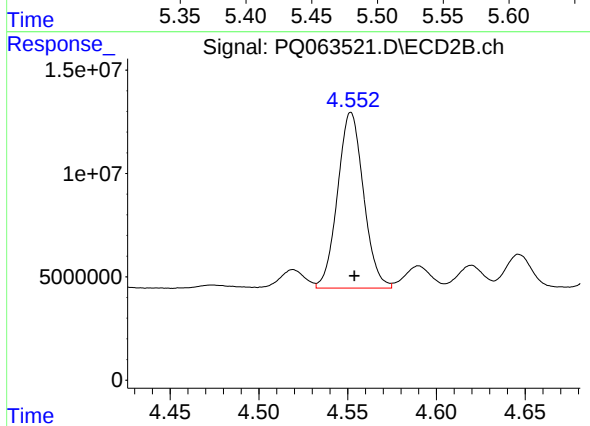
#19 AR-1242-4

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 11106011
Conc: 135.51 ng/ml



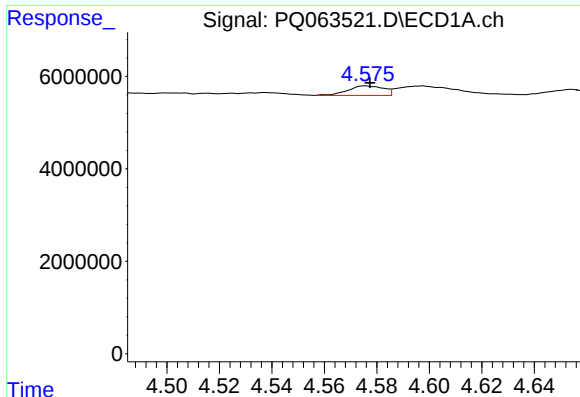
#20 AR-1242-5

R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 25749893
Conc: 222.01 ng/ml



#20 AR-1242-5

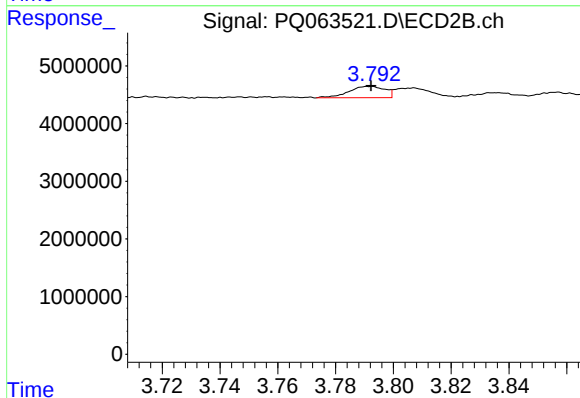
R.T.: 4.552 min
Delta R.T.: -0.002 min
Response: 86557511
Conc: 812.47 ng/ml



#21 AR-1248-1

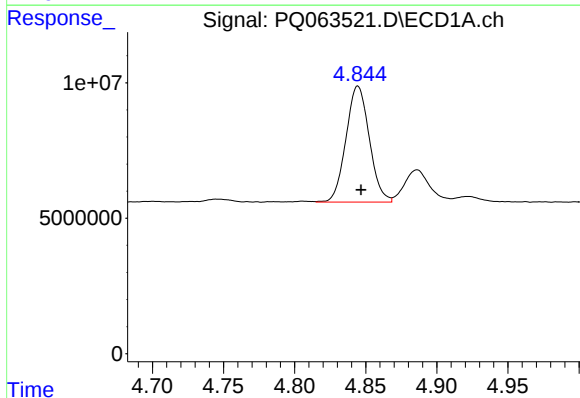
R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 1957508
Conc: 18.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



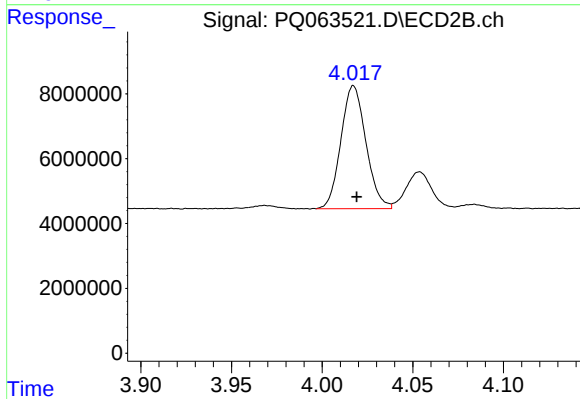
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 1693119
Conc: 19.56 ng/ml



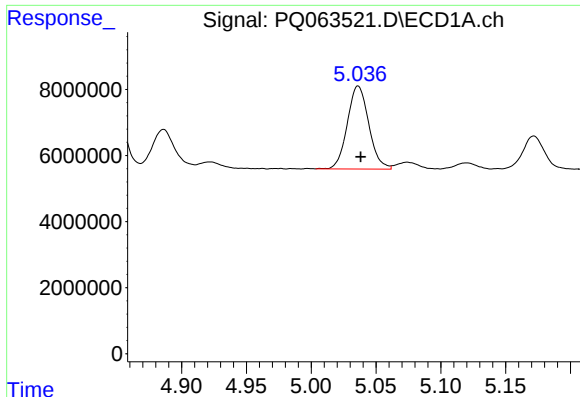
#22 AR-1248-2

R.T.: 4.845 min
Delta R.T.: -0.002 min
Response: 48924803
Conc: 319.60 ng/ml



#22 AR-1248-2

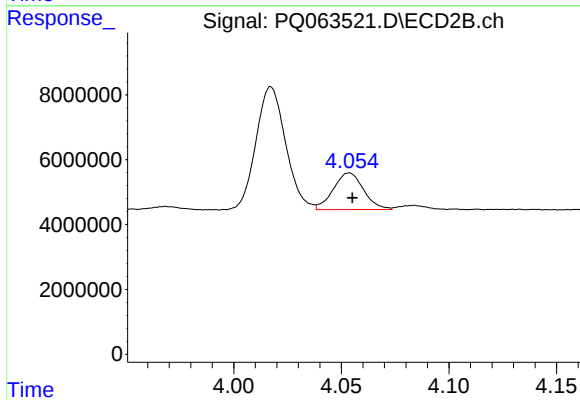
R.T.: 4.017 min
Delta R.T.: -0.002 min
Response: 36446502
Conc: 283.02 ng/ml



#23 AR-1248-3

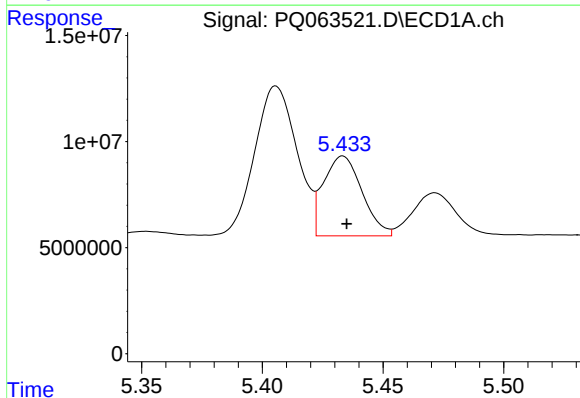
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 29013474
Conc: 157.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



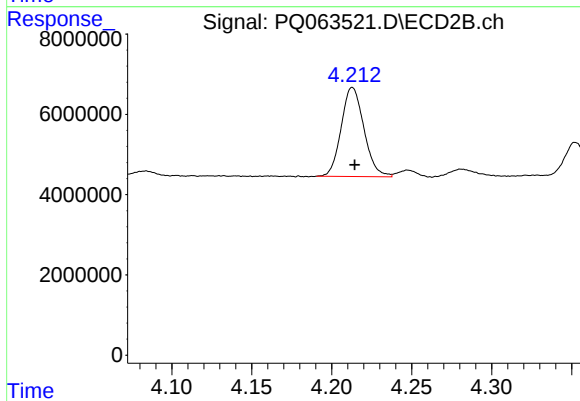
#23 AR-1248-3

R.T.: 4.054 min
Delta R.T.: -0.001 min
Response: 11106011
Conc: 89.63 ng/ml



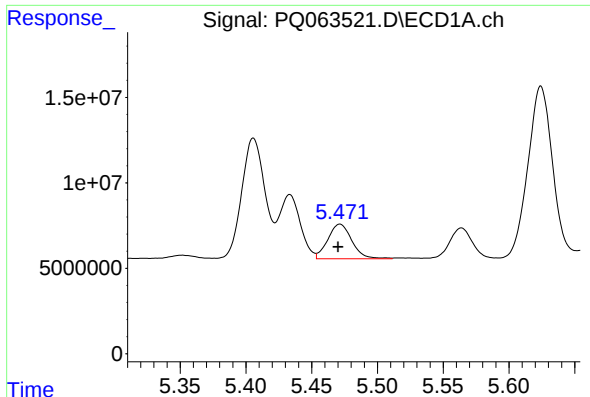
#24 AR-1248-4

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 41807996
Conc: 205.74 ng/ml



#24 AR-1248-4

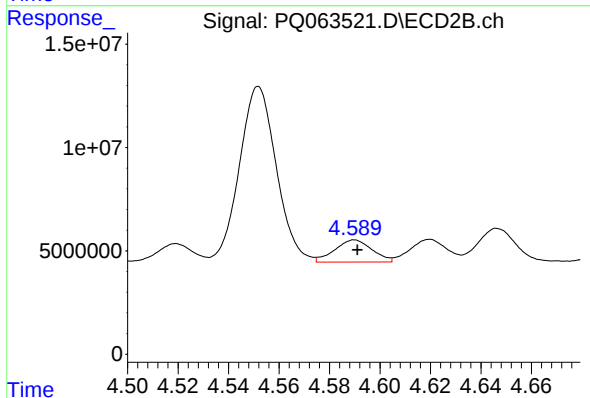
R.T.: 4.213 min
Delta R.T.: -0.001 min
Response: 22001196
Conc: 144.99 ng/ml



#25 AR-1248-5

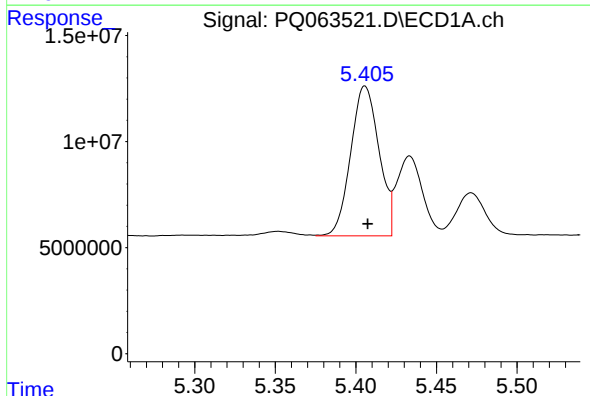
R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 25749893
Conc: 128.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



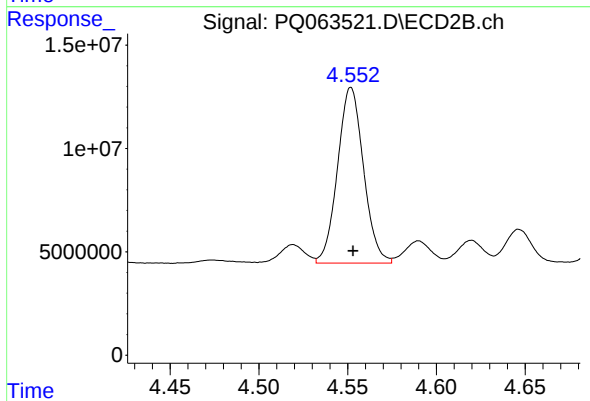
#25 AR-1248-5

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 11030694
Conc: 72.67 ng/ml



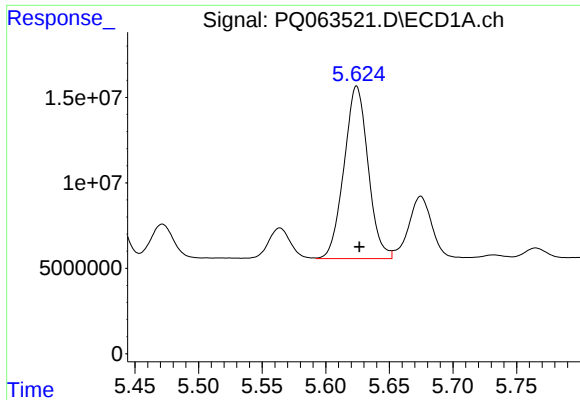
#26 AR-1254-1

R.T.: 5.406 min
Delta R.T.: -0.002 min
Response: 86430081
Conc: 431.93 ng/ml



#26 AR-1254-1

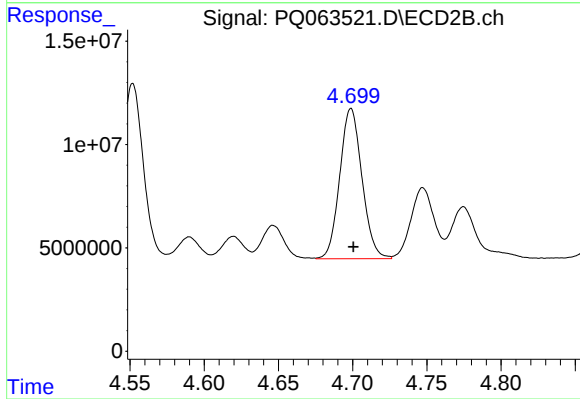
R.T.: 4.552 min
Delta R.T.: -0.001 min
Response: 86557511
Conc: 392.28 ng/ml



#27 AR-1254-2

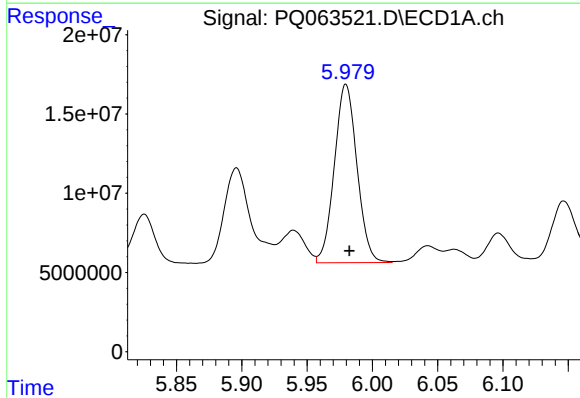
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 132889412
Conc: 424.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



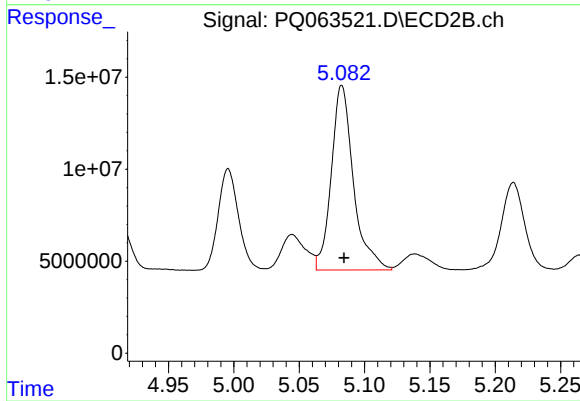
#27 AR-1254-2

R.T.: 4.699 min
Delta R.T.: -0.002 min
Response: 75960007
Conc: 391.54 ng/ml



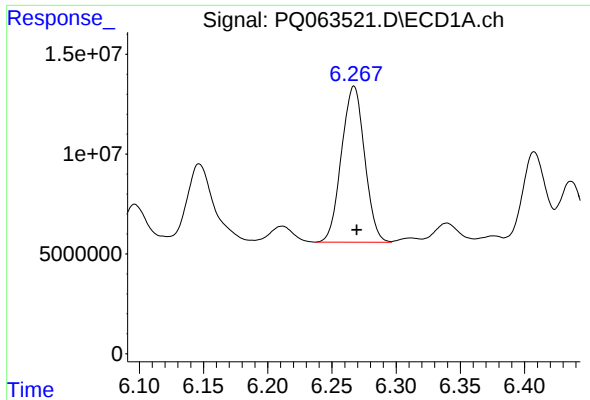
#28 AR-1254-3

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 135599236
Conc: 417.84 ng/ml



#28 AR-1254-3

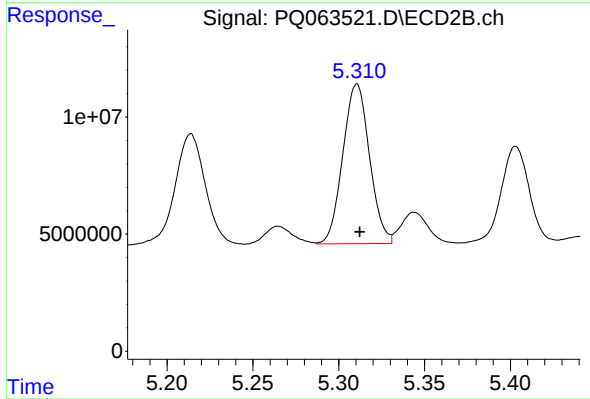
R.T.: 5.083 min
Delta R.T.: -0.002 min
Response: 118600951
Conc: 388.76 ng/ml



#29 AR-1254-4

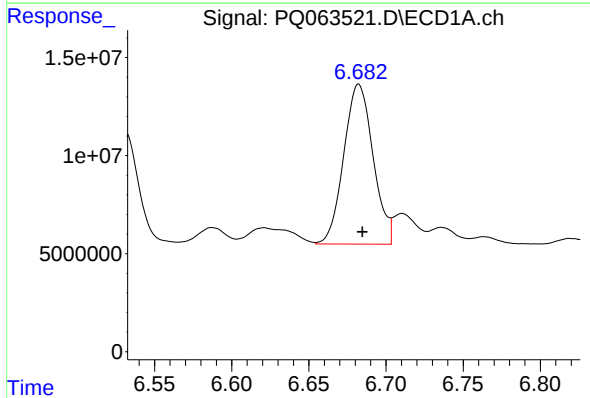
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 98037011
Conc: 416.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



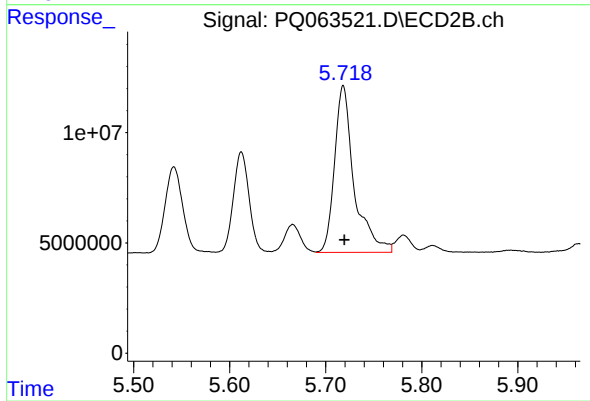
#29 AR-1254-4

R.T.: 5.311 min
Delta R.T.: -0.002 min
Response: 73751804
Conc: 378.34 ng/ml



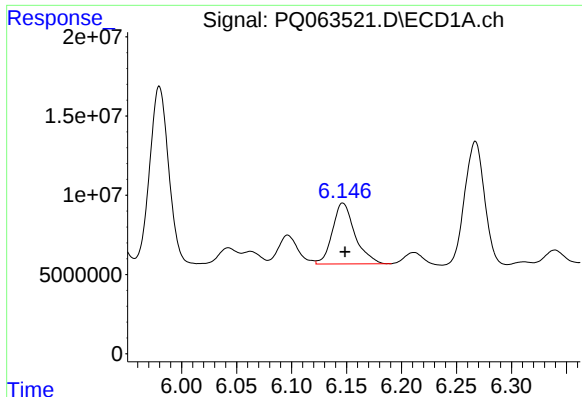
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 107847392
Conc: 416.84 ng/ml



#30 AR-1254-5

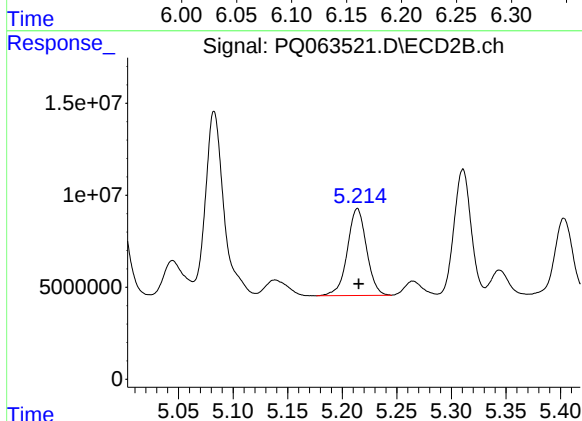
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 106684779
Conc: 386.16 ng/ml



#31 AR-1260-1

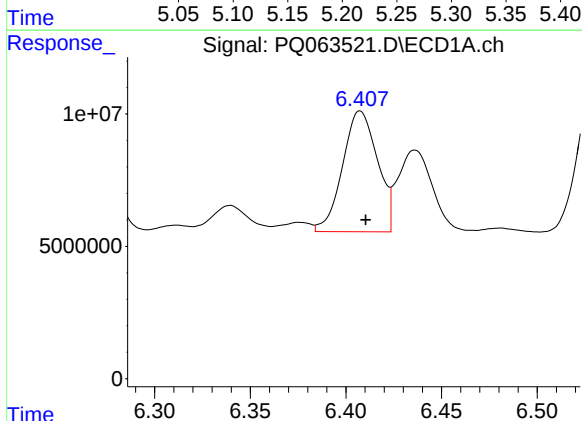
R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 54636884
Conc: 220.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



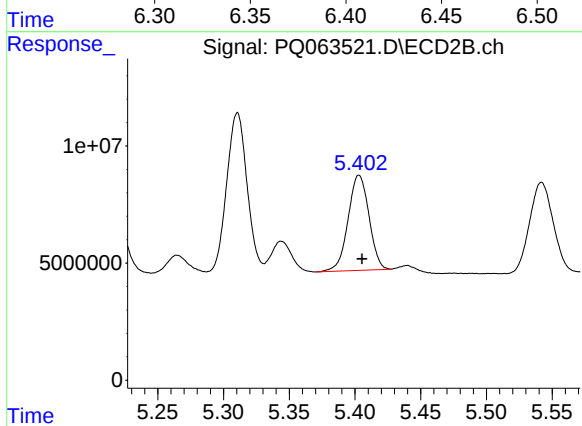
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 57920224
Conc: 270.76 ng/ml



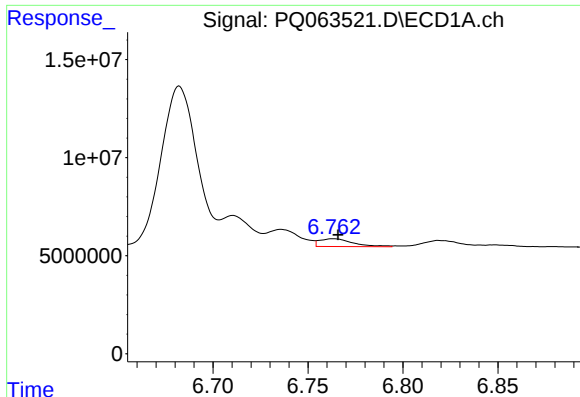
#32 AR-1260-2

R.T.: 6.407 min
Delta R.T.: -0.003 min
Response: 58053223
Conc: 194.56 ng/ml



#32 AR-1260-2

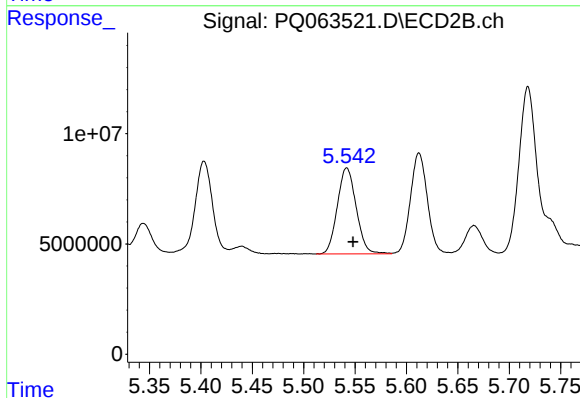
R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 44885280
Conc: 176.93 ng/ml



#33 AR-1260-3

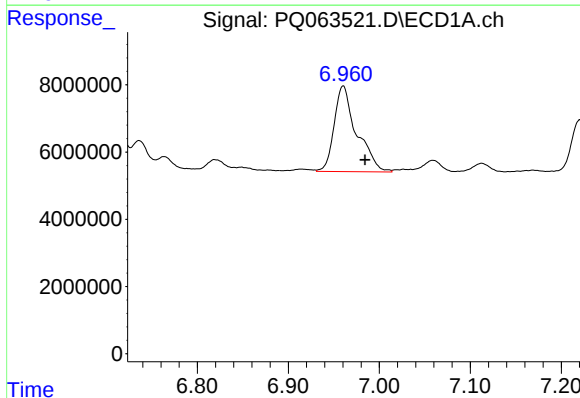
R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 4863971
Conc: 22.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



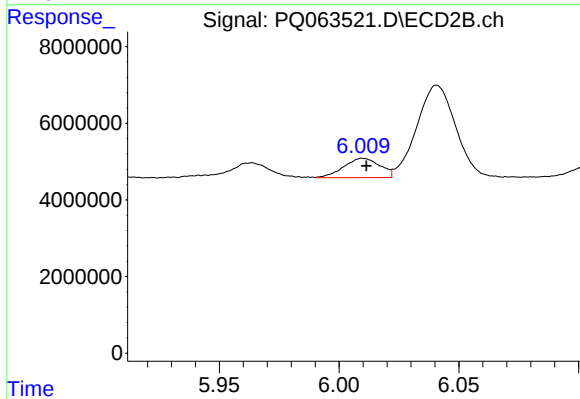
#33 AR-1260-3

R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 49821886
Conc: 205.77 ng/ml



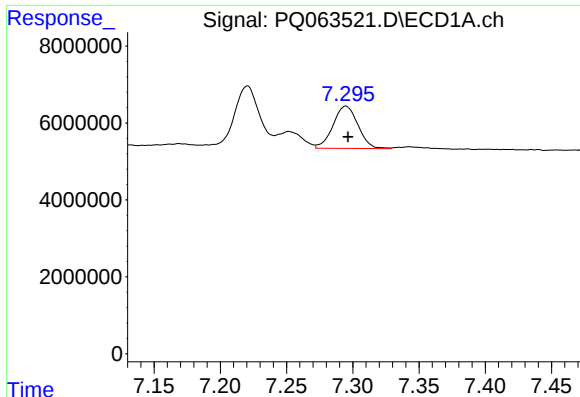
#34 AR-1260-4

R.T.: 6.960 min
Delta R.T.: -0.024 min
Response: 43868612
Conc: 178.39 ng/ml



#34 AR-1260-4

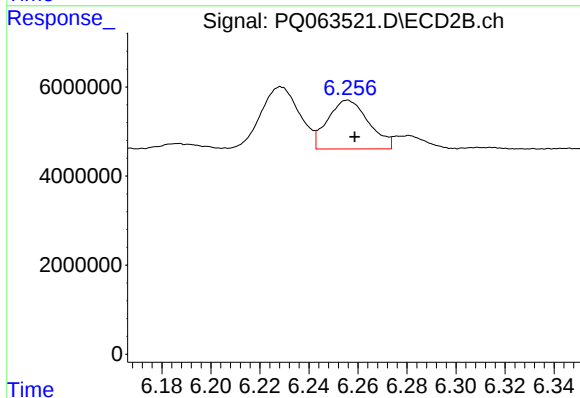
R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 5299565
Conc: 26.15 ng/ml



#35 AR-1260-5

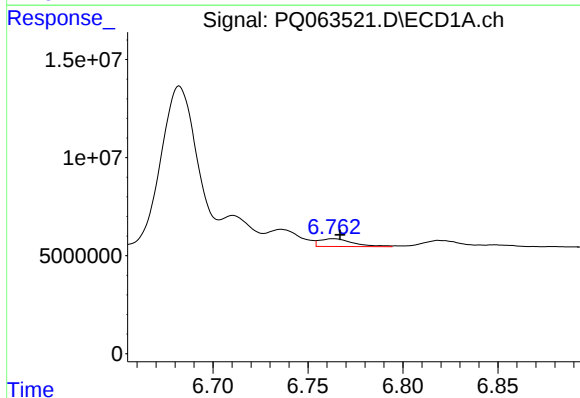
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 14439656
Conc: 30.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



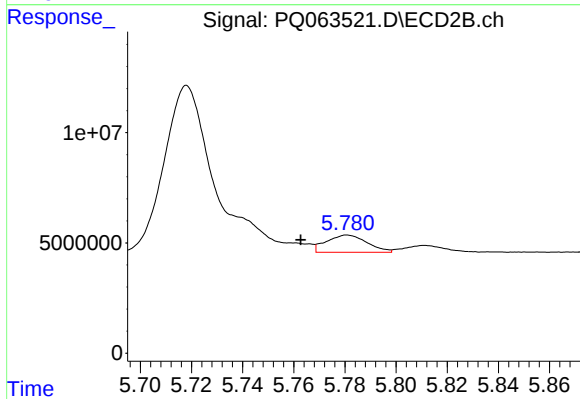
#35 AR-1260-5

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 12735045
Conc: 27.45 ng/ml



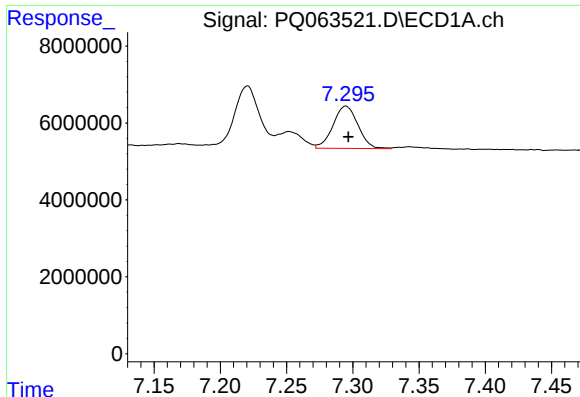
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 4863971
Conc: 14.73 ng/ml



#36 AR-1262-1

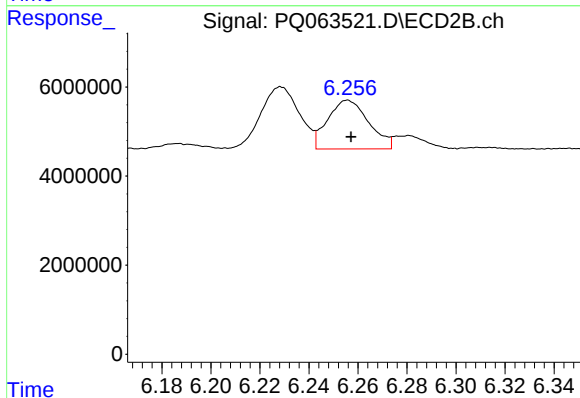
R.T.: 5.781 min
Delta R.T.: 0.018 min
Response: 8619859
Conc: 29.92 ng/ml



#37 AR-1262-2

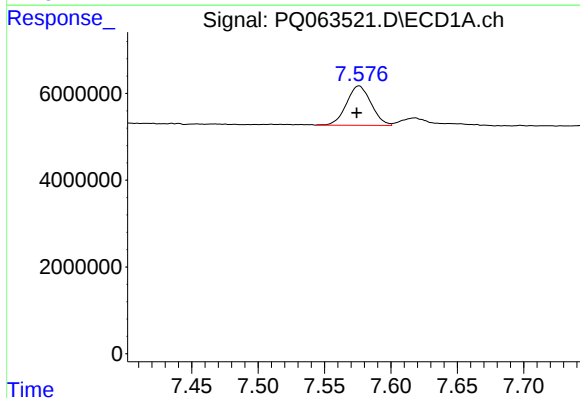
R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 14439656
Conc: 26.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



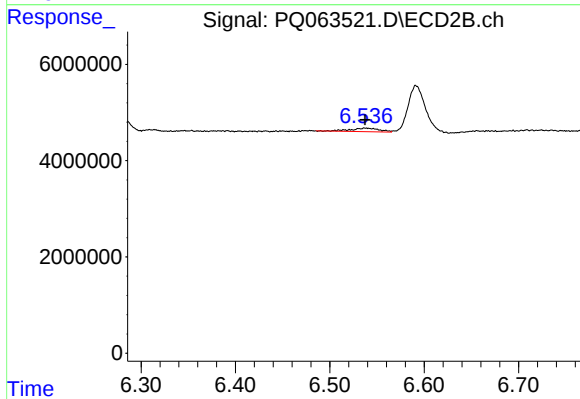
#37 AR-1262-2

R.T.: 6.256 min
Delta R.T.: -0.001 min
Response: 12735045
Conc: 24.58 ng/ml



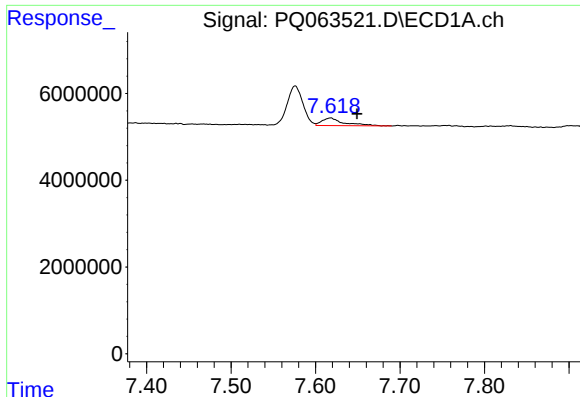
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 11734144
Conc: 32.47 ng/ml



#38 AR-1262-3

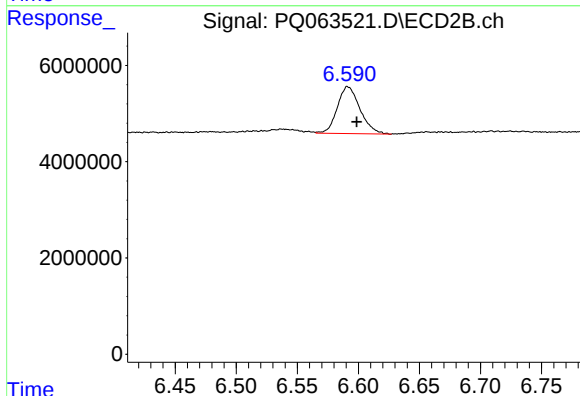
R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 1574702
Conc: 7.34 ng/ml



#39 AR-1262-4

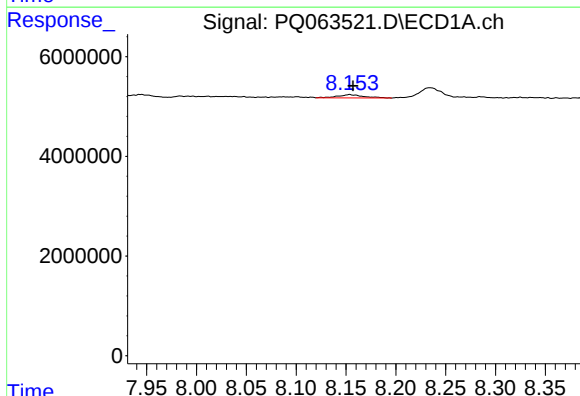
R.T.: 7.618 min
Delta R.T.: -0.031 min
Response: 3104913
Conc: 11.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



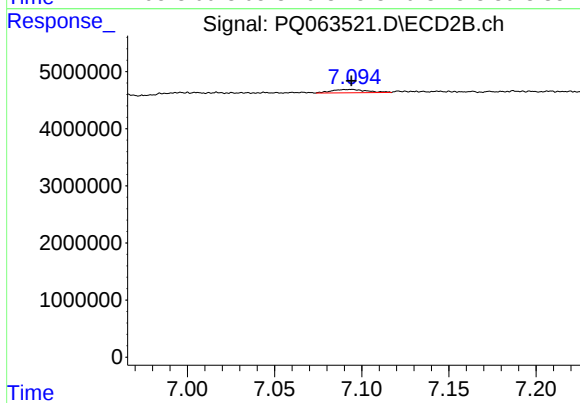
#39 AR-1262-4

R.T.: 6.591 min
Delta R.T.: -0.007 min
Response: 12651333
Conc: 32.36 ng/ml



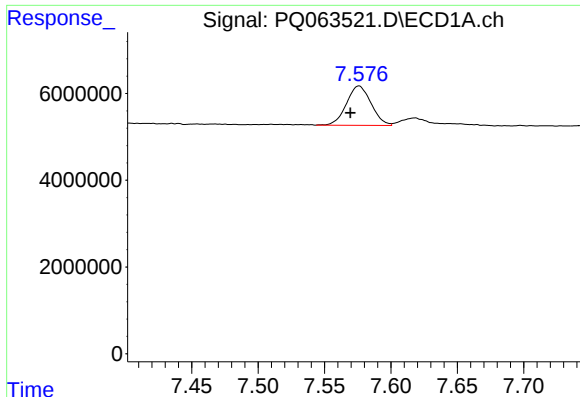
#40 AR-1262-5

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 1160666
Conc: 6.27 ng/ml



#40 AR-1262-5

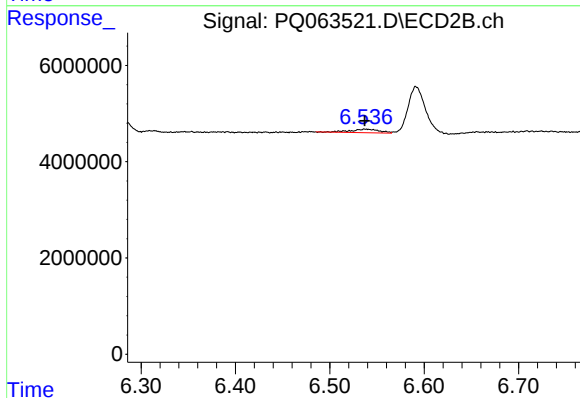
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 817223
Conc: 4.39 ng/ml



#41 AR-1268-1

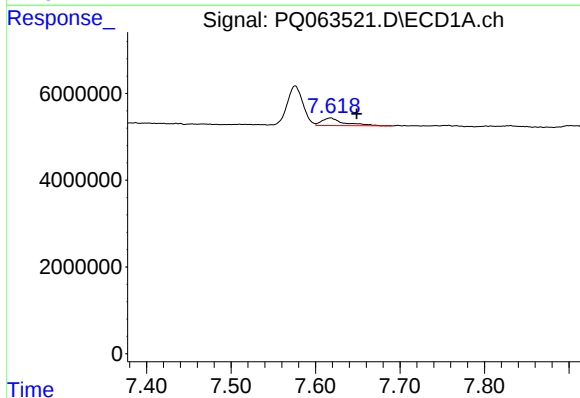
R.T.: 7.576 min
Delta R.T.: 0.006 min
Response: 11734144
Conc: 18.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



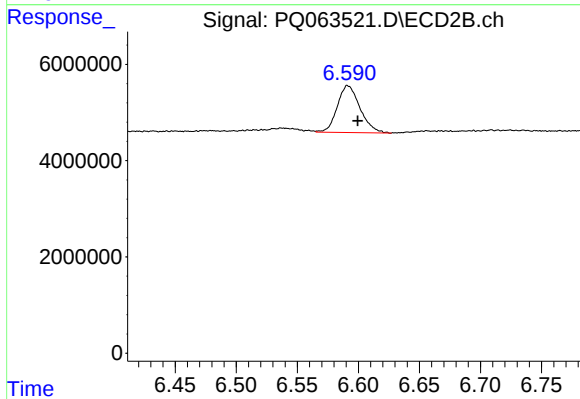
#41 AR-1268-1

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 1574702
Conc: 2.61 ng/ml



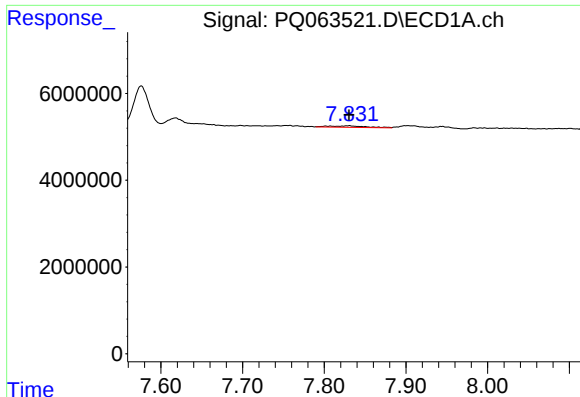
#42 AR-1268-2

R.T.: 7.618 min
Delta R.T.: -0.031 min
Response: 3104913
Conc: 5.49 ng/ml



#42 AR-1268-2

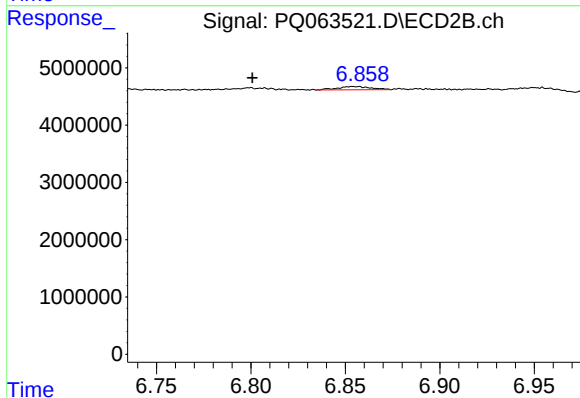
R.T.: 6.591 min
Delta R.T.: -0.008 min
Response: 12651333
Conc: 23.32 ng/ml



#43 AR-1268-3

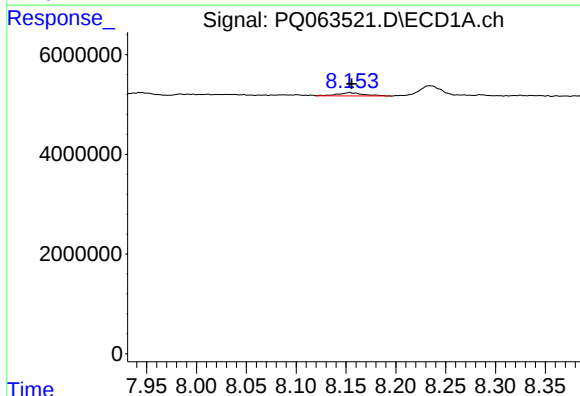
R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 1036275
Conc: 2.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



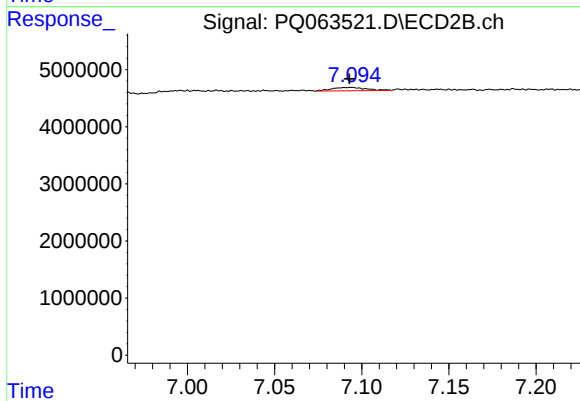
#43 AR-1268-3

R.T.: 6.855 min
Delta R.T.: 0.054 min
Response: 717796
Conc: 1.53 ng/ml



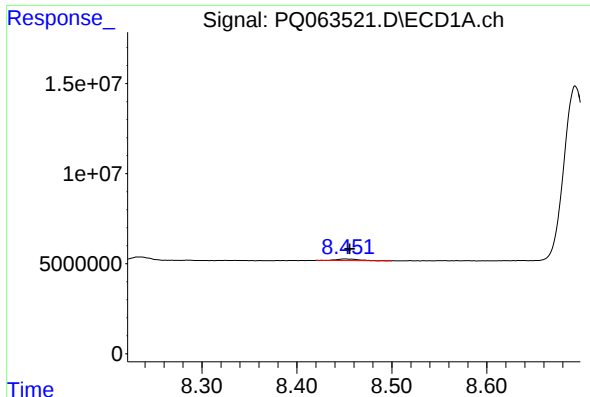
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 1160666
Conc: 5.73 ng/ml



#44 AR-1268-4

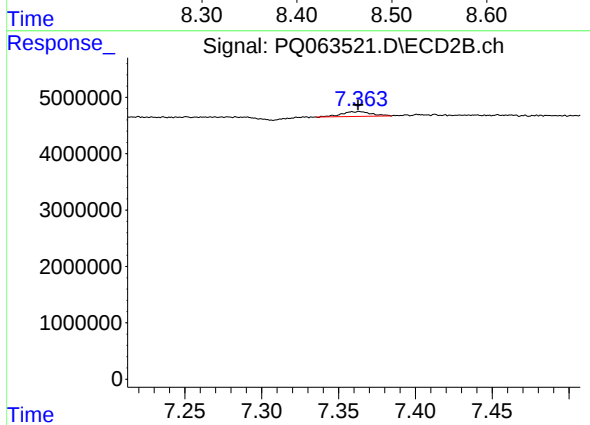
R.T.: 7.094 min
Delta R.T.: 0.001 min
Response: 817223
Conc: 4.01 ng/ml



#45 AR-1268-5

R.T.: 8.451 min
Delta R.T.: -0.005 min
Response: 1306221
Conc: 0.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 1134777
Conc: 0.79 ng/ml