

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092623\
 Data File : PQ063369.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2023 16:39
 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: Sep 27 01:24:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 20 05:26:41 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...	3.462	2.781	227.8E6	155.0E6	48.643	44.850
2)	SA Decachlor...	8.696	7.581	169.6E6	157.6E6	48.539	43.833
Target Compounds							
3)	L1 AR-1016-1	4.577	3.792	68255242	56282783	469.445	451.844
4)	L1 AR-1016-2	4.597	3.808	109.8E6	79976409	470.075	449.915
5)	L1 AR-1016-3	4.656	3.969	67830337	43714109	472.039	453.034
6)	L1 AR-1016-4	4.748	4.018	53806676	37007709	471.709	456.533
7)	L1 AR-1016-5	5.038	4.214	55171409	45970219	469.511	456.668
8)	L2 AR-1221-1	3.662	2.985	8647376	7051687	151.145	151.619
9)	L2 AR-1221-2	3.745	3.062	9526108	7511731	251.980	242.902
10)	L2 AR-1221-3	3.816	3.131	40666622	32005315	322.202	300.395
11)	L3 AR-1232-1	3.816	3.131	40666622	32005315	390.516	368.095
12)	L3 AR-1232-2	4.317	3.808	60758167	79976409	955.204	988.967
13)	L3 AR-1232-3	4.597	3.969	109.8E6	43714109	1048.037	1030.517
14)	L3 AR-1232-4	4.748	4.055	53806676	40318516	1082.753	1099.566
15)	L3 AR-1232-5	4.846	4.214	43467979	45970219	1144.444	1065.657
16)	L4 AR-1242-1	4.577	3.792	68255242	56282783	517.580	515.803
17)	L4 AR-1242-2	4.597	3.808	109.8E6	79976409	530.748	514.582
18)	L4 AR-1242-3	4.656	3.969	67830337	43714109	535.044	521.168
19)	L4 AR-1242-4	4.748	4.055	53806676	40318516	521.683	503.130
20)	L4 AR-1242-5	5.471	4.553	14789652	44511902	135.239	425.328 #
21)	L5 AR-1248-1	4.577	3.792	68255242	56282783	694.564	701.379
22)	L5 AR-1248-2	4.846	4.018	43467979	37007709	303.927	309.093
23)	L5 AR-1248-3	5.038	4.055	55171409	40318516	320.711	351.668
24)	L5 AR-1248-4	5.435	4.214	17652748	45970219	92.331	326.023 #
25)	L5 AR-1248-5	5.471	4.591	14789652	11648157	79.498	84.296
26)	L6 AR-1254-1	5.408	4.553	49231713	44511902	244.802	211.106
27)	L6 AR-1254-2	5.627	4.701	44204989	32718467	144.981	176.778
28)	L6 AR-1254-3	5.982	5.086	20184104	13069434	61.529	45.677 #
29)	L6 AR-1254-4	6.266	5.313	13281632	5244782	54.836	28.330 #
30)	L6 AR-1254-5	6.682	5.718	144.5E6	121.3E6	562.519	469.380
31)	L7 AR-1260-1	6.148	5.214	112.4E6	89655280	467.134	444.007
32)	L7 AR-1260-2	6.409	5.404	130.2E6	106.9E6	459.499	437.001
33)	L7 AR-1260-3	6.765	5.547	95646504	101.6E6	470.519	429.613
34)	L7 AR-1260-4	6.984	6.011	108.2E6	83407538	453.888	436.864
35)	L7 AR-1260-5	7.296	6.257	210.3E6	190.1E6	469.673	434.037
36)	L8 AR-1262-1	6.765	5.813	95646504	43006505	307.204	408.785 #
37)	L8 AR-1262-2	7.296	6.011	210.3E6	83407538	404.998	359.239
38)	L8 AR-1262-3	7.576	6.537	130.4E6	47050942	376.683	244.959 #
39)	L8 AR-1262-4	7.647	6.595	83499434	143.9E6	306.713	411.388 #
40)	L8 AR-1262-5	8.156	7.094	51946757	50555584	302.865	305.210
41)	L9 AR-1268-1	7.576	6.537	130.4E6	47050942	211.112	83.915 #

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 ALS Vial : 3 Sample Multiplier: 1

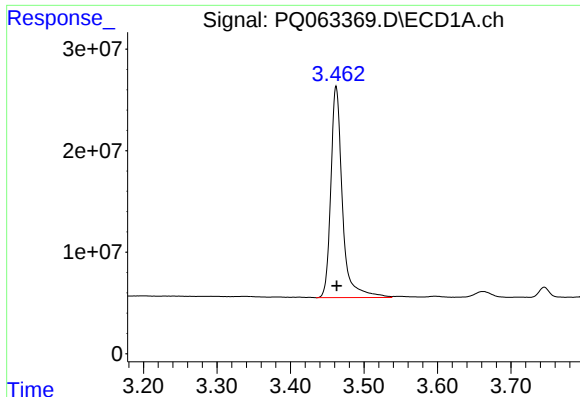
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 01:24:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
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 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	7.647	6.595	83499434	143.9E6	145.839	289.226 #
43) L9	AR-1268-3	7.829	6.801	3610116	3581718	7.403	8.402
44) L9	AR-1268-4	8.156	7.094	51946757	50555584	270.022	273.021
45) L9	AR-1268-5	8.456	7.362	16031814	14367783	11.225	10.927

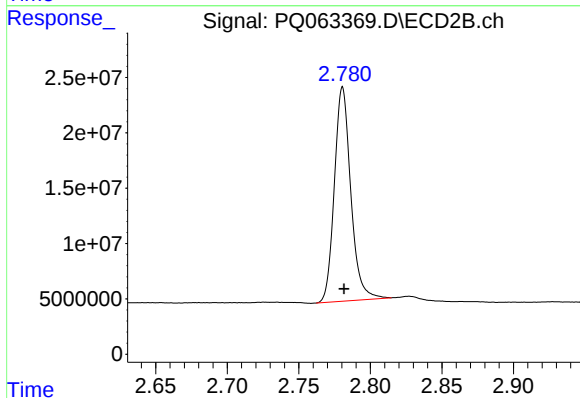
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

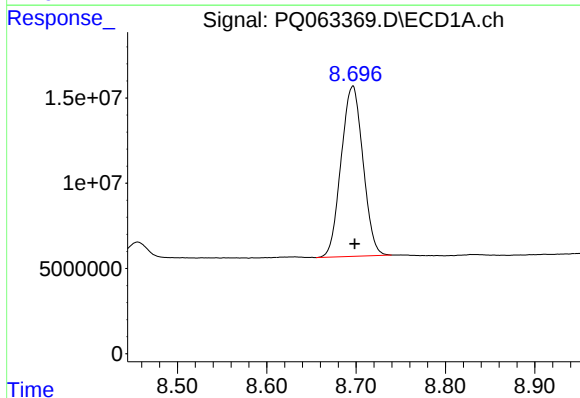
R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 227823225
Conc: 48.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



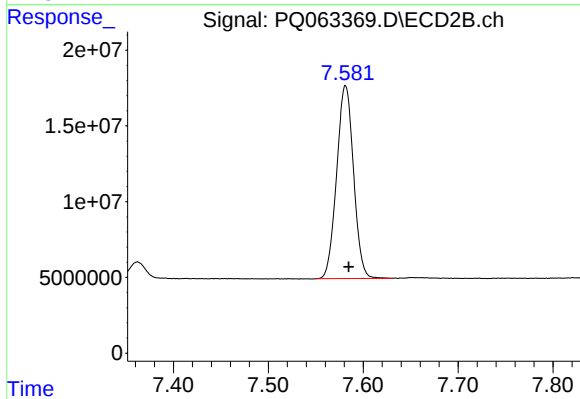
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 155001930
Conc: 44.85 ng/ml



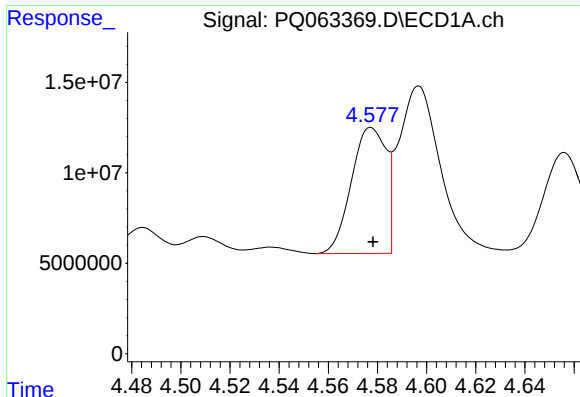
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.002 min
Response: 169621953
Conc: 48.54 ng/ml



#2 Decachlorobiphenyl

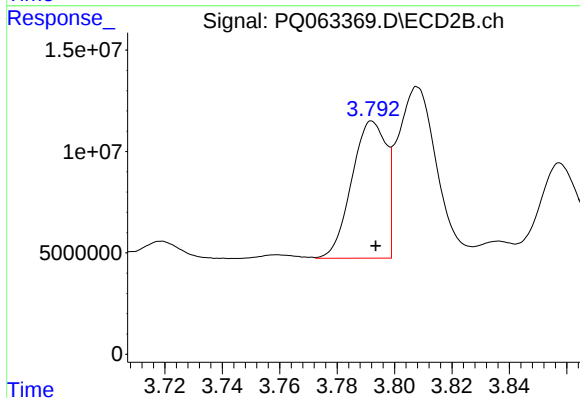
R.T.: 7.581 min
Delta R.T.: -0.003 min
Response: 157567060
Conc: 43.83 ng/ml



#3 AR-1016-1

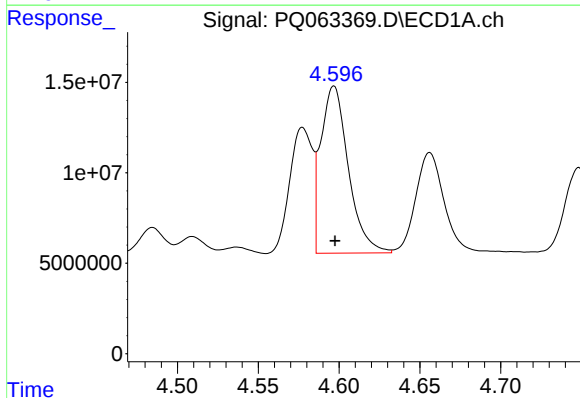
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 68255242
Conc: 469.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



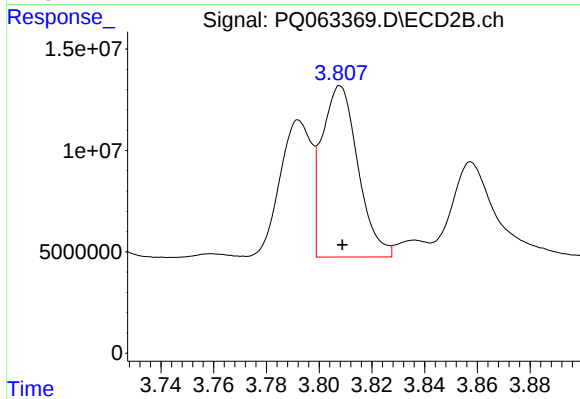
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 56282783
Conc: 451.84 ng/ml



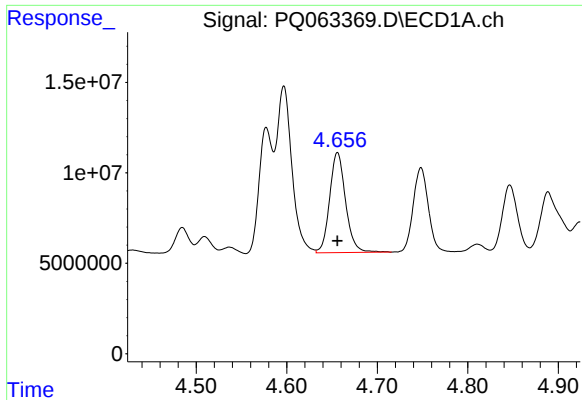
#4 AR-1016-2

R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 109828519
Conc: 470.08 ng/ml



#4 AR-1016-2

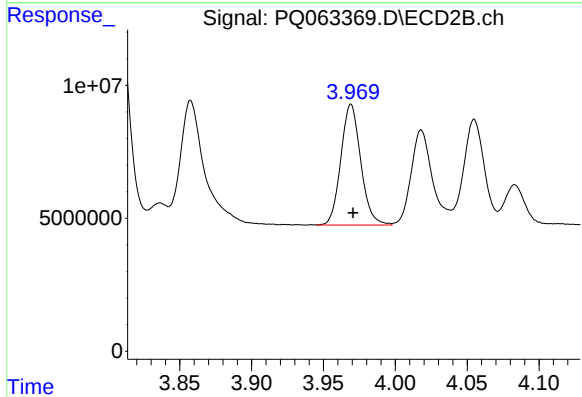
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 79976409
Conc: 449.91 ng/ml



#5 AR-1016-3

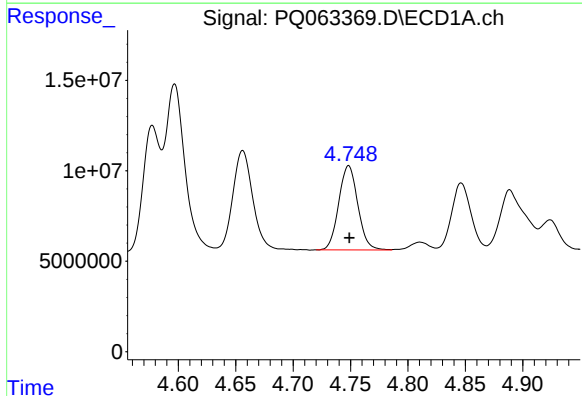
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 67830337
Conc: 472.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



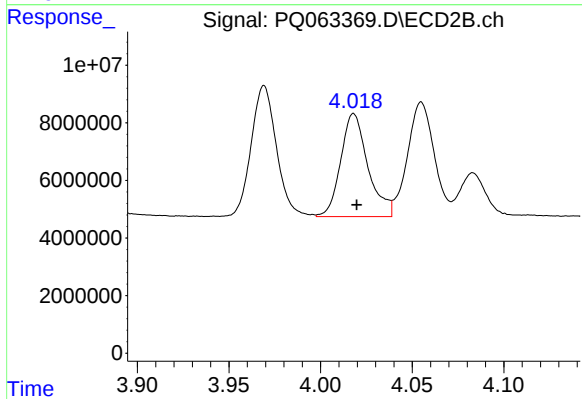
#5 AR-1016-3

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 43714109
Conc: 453.03 ng/ml



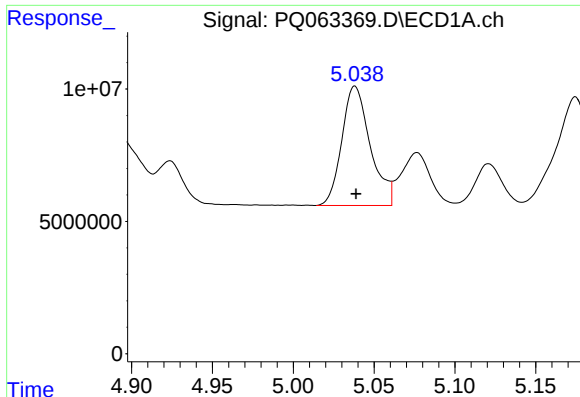
#6 AR-1016-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 53806676
Conc: 471.71 ng/ml



#6 AR-1016-4

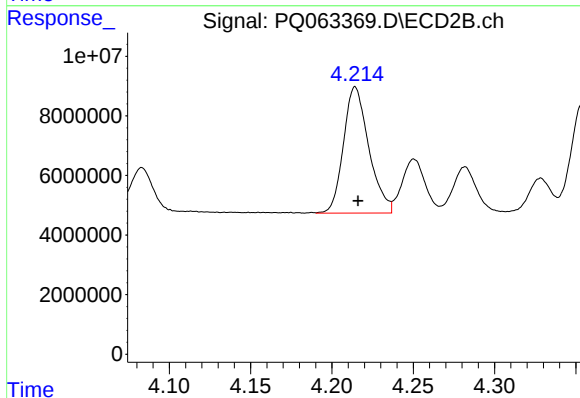
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 37007709
Conc: 456.53 ng/ml



#7 AR-1016-5

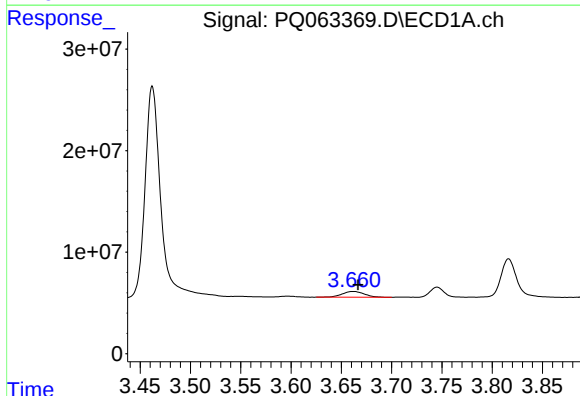
R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 55171409
Conc: 469.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



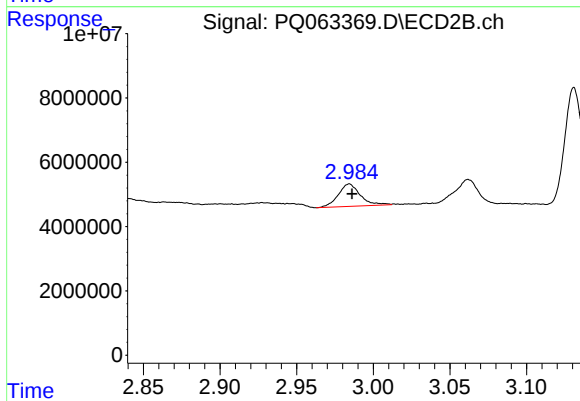
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 45970219
Conc: 456.67 ng/ml



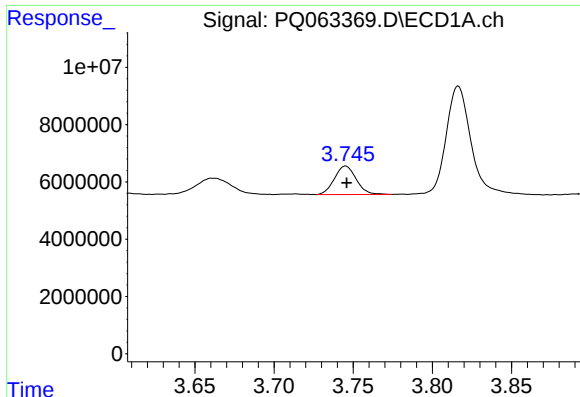
#8 AR-1221-1

R.T.: 3.662 min
Delta R.T.: -0.005 min
Response: 8647376
Conc: 151.15 ng/ml



#8 AR-1221-1

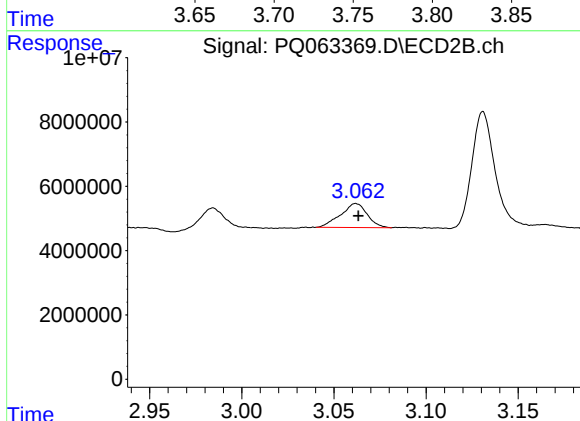
R.T.: 2.985 min
Delta R.T.: -0.002 min
Response: 7051687
Conc: 151.62 ng/ml



#9 AR-1221-2

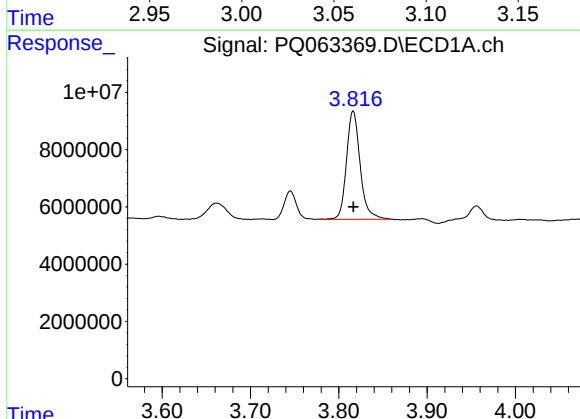
R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 9526108
Conc: 251.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



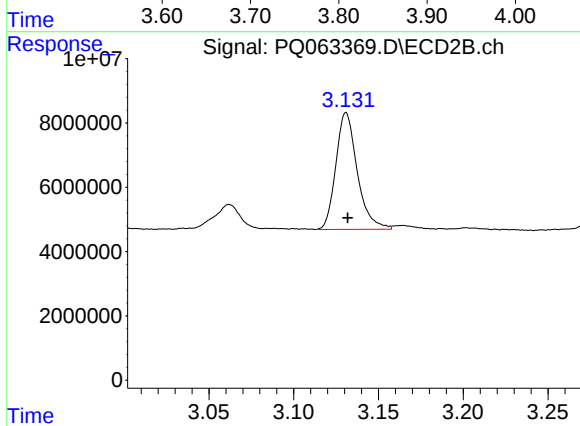
#9 AR-1221-2

R.T.: 3.062 min
Delta R.T.: -0.001 min
Response: 7511731
Conc: 242.90 ng/ml



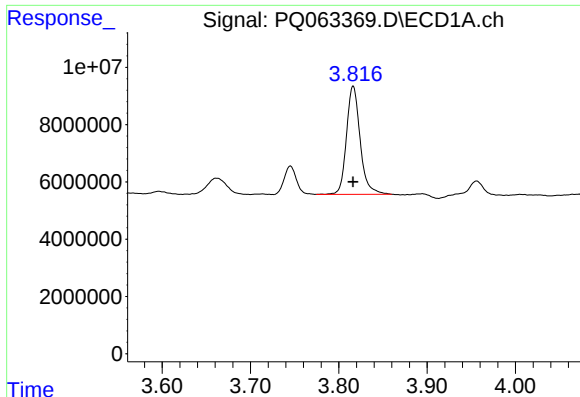
#10 AR-1221-3

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 40666622
Conc: 322.20 ng/ml



#10 AR-1221-3

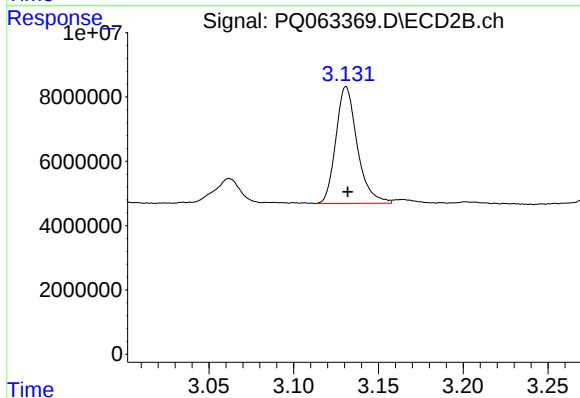
R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 32005315
Conc: 300.39 ng/ml



#11 AR-1232-1

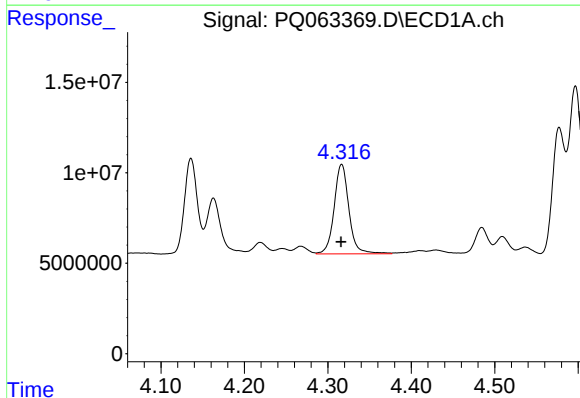
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 40666622
Conc: 390.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



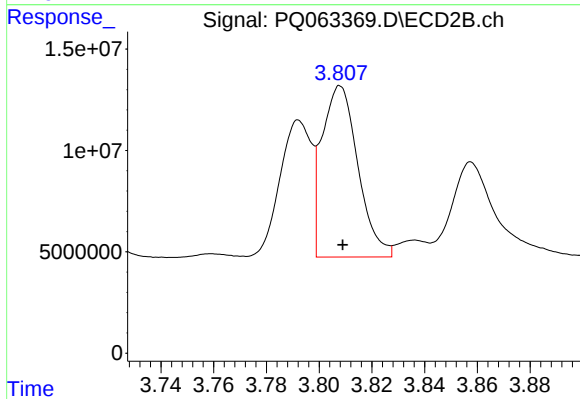
#11 AR-1232-1

R.T.: 3.131 min
Delta R.T.: 0.000 min
Response: 32005315
Conc: 368.10 ng/ml



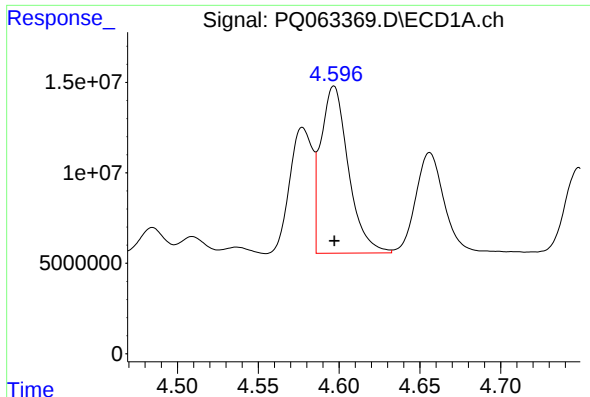
#12 AR-1232-2

R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 60758167
Conc: 955.20 ng/ml



#12 AR-1232-2

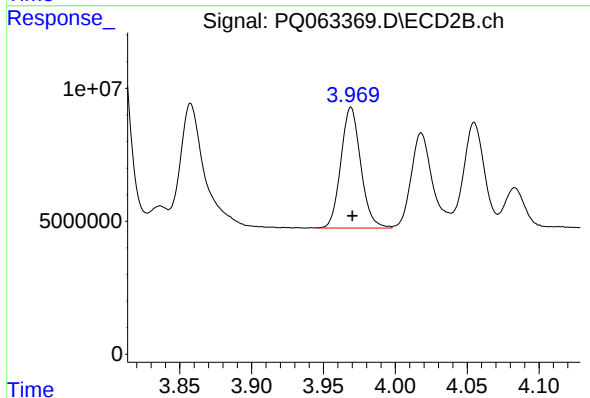
R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 79976409
Conc: 988.97 ng/ml



#13 AR-1232-3

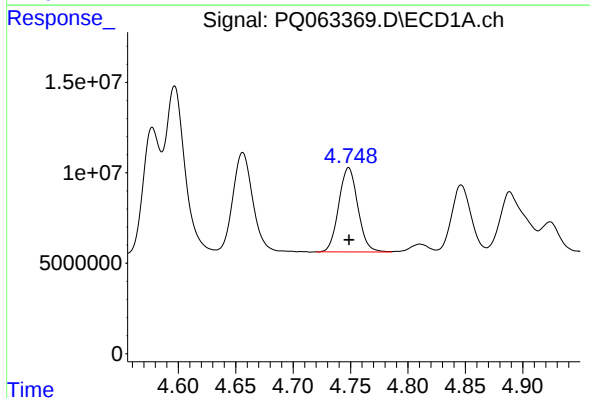
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 109828519
Conc: 1048.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



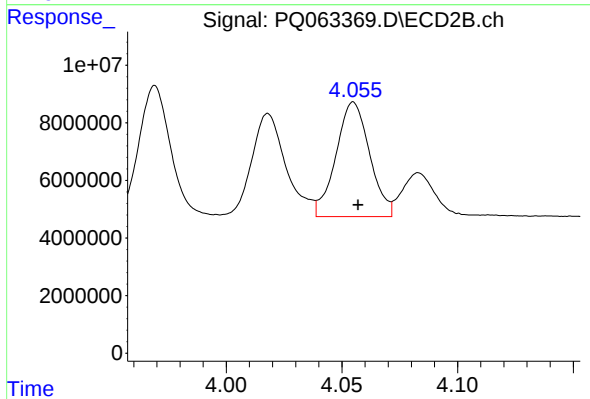
#13 AR-1232-3

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 43714109
Conc: 1030.52 ng/ml



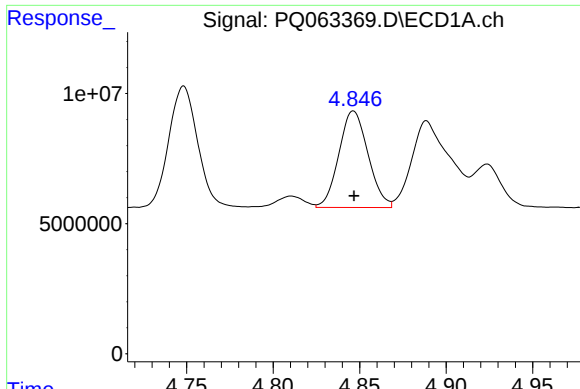
#14 AR-1232-4

R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 53806676
Conc: 1082.75 ng/ml



#14 AR-1232-4

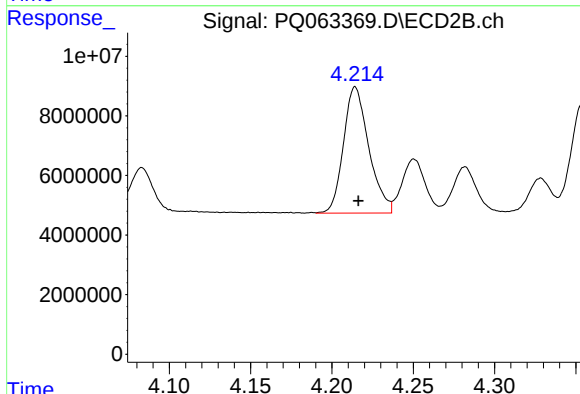
R.T.: 4.055 min
Delta R.T.: -0.002 min
Response: 40318516
Conc: 1099.57 ng/ml



#15 AR-1232-5

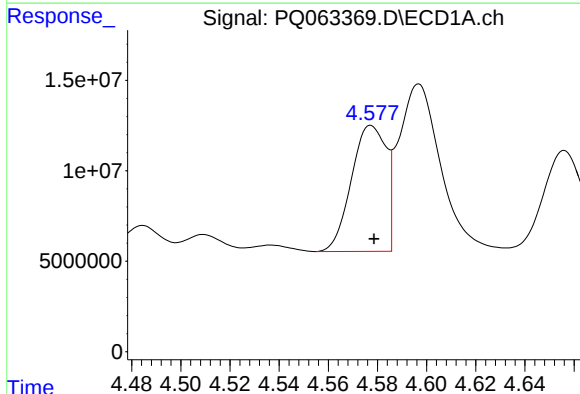
R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 43467979
Conc: 1144.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



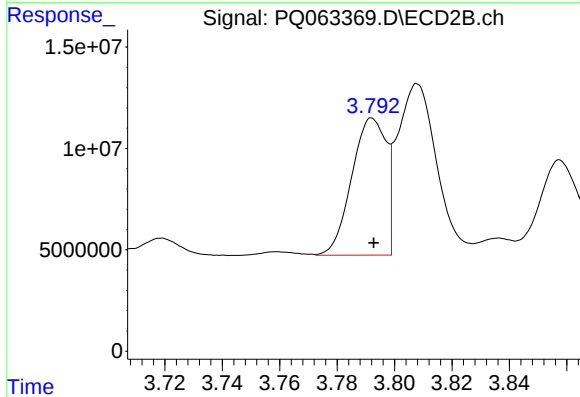
#15 AR-1232-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 45970219
Conc: 1065.66 ng/ml



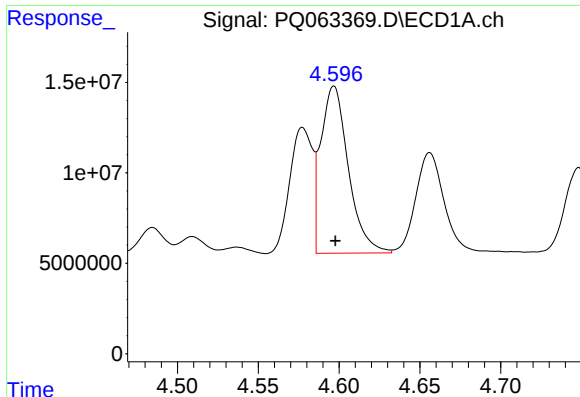
#16 AR-1242-1

R.T.: 4.577 min
Delta R.T.: -0.001 min
Response: 68255242
Conc: 517.58 ng/ml



#16 AR-1242-1

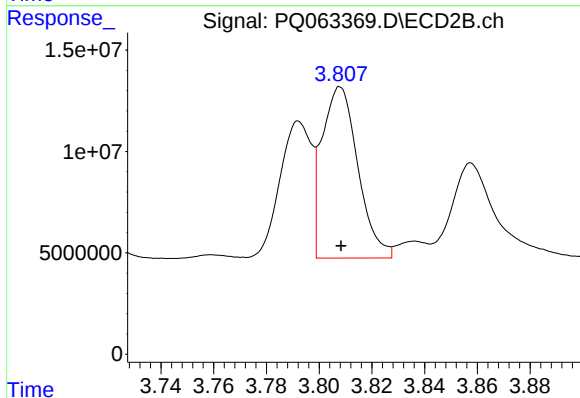
R.T.: 3.792 min
Delta R.T.: 0.000 min
Response: 56282783
Conc: 515.80 ng/ml



#17 AR-1242-2

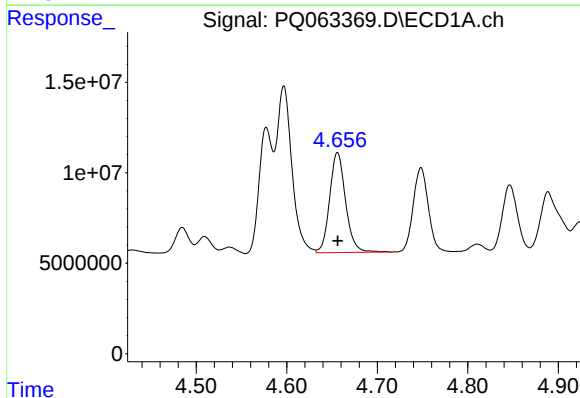
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 109828519
Conc: 530.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



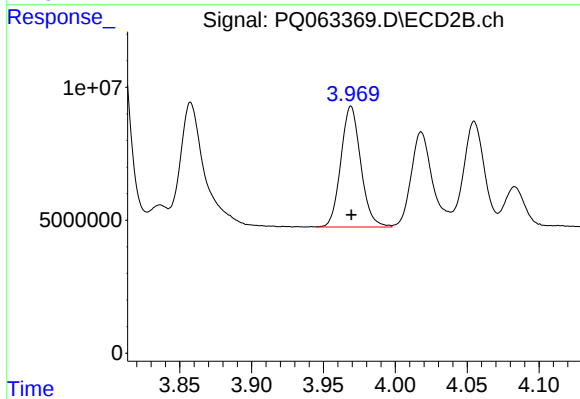
#17 AR-1242-2

R.T.: 3.808 min
Delta R.T.: 0.000 min
Response: 79976409
Conc: 514.58 ng/ml



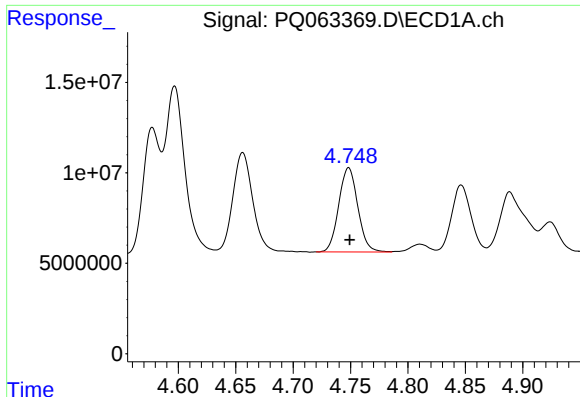
#18 AR-1242-3

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 67830337
Conc: 535.04 ng/ml



#18 AR-1242-3

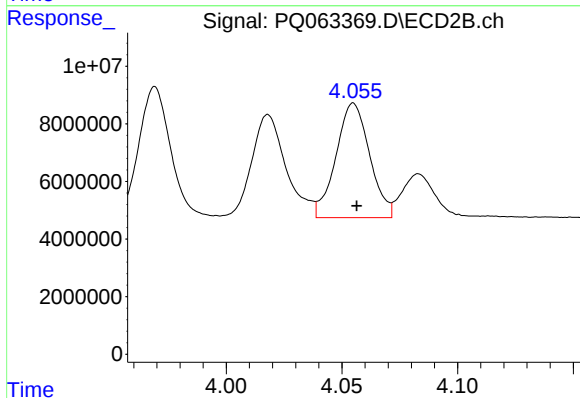
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 43714109
Conc: 521.17 ng/ml



#19 AR-1242-4

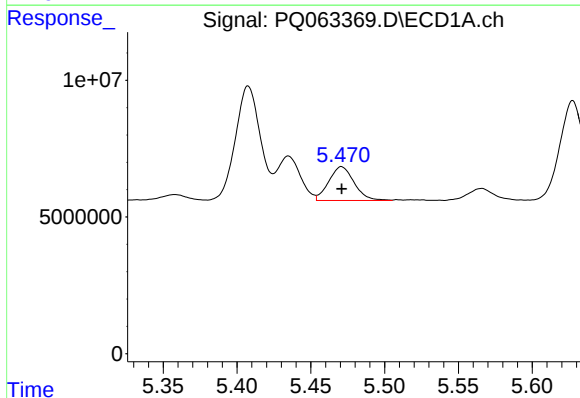
R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 53806676
Conc: 521.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



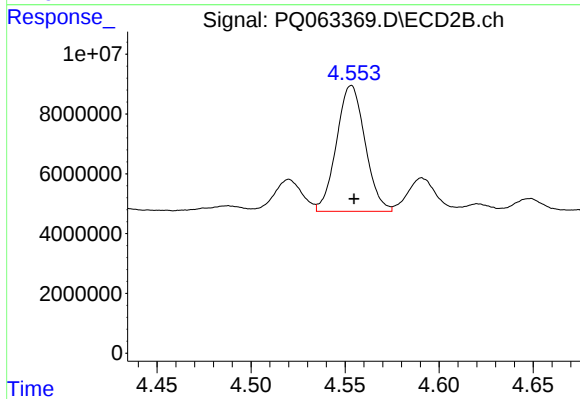
#19 AR-1242-4

R.T.: 4.055 min
Delta R.T.: -0.001 min
Response: 40318516
Conc: 503.13 ng/ml



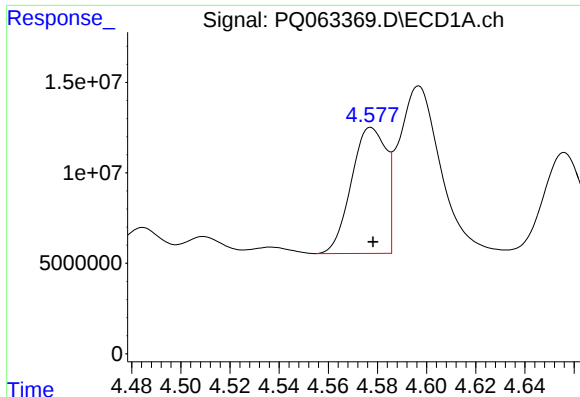
#20 AR-1242-5

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 14789652
Conc: 135.24 ng/ml



#20 AR-1242-5

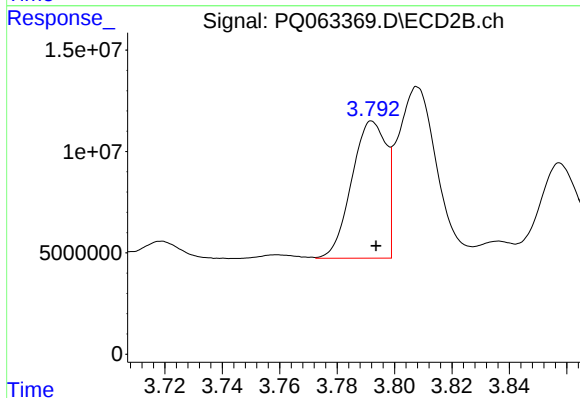
R.T.: 4.553 min
Delta R.T.: -0.001 min
Response: 44511902
Conc: 425.33 ng/ml



#21 AR-1248-1

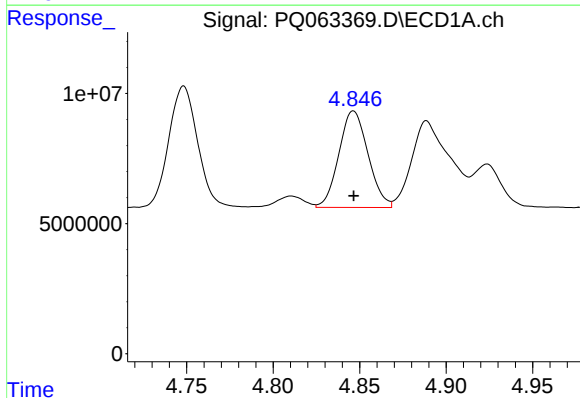
R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 68255242
Conc: 694.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



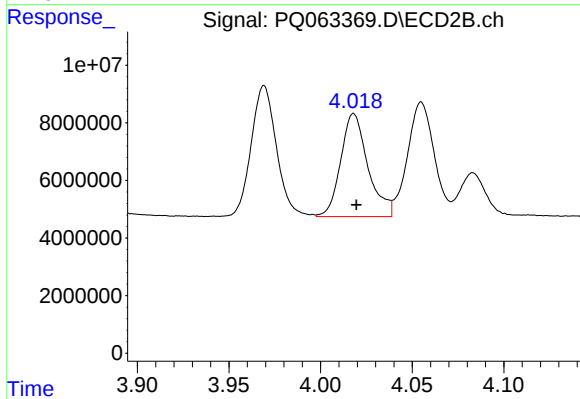
#21 AR-1248-1

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 56282783
Conc: 701.38 ng/ml



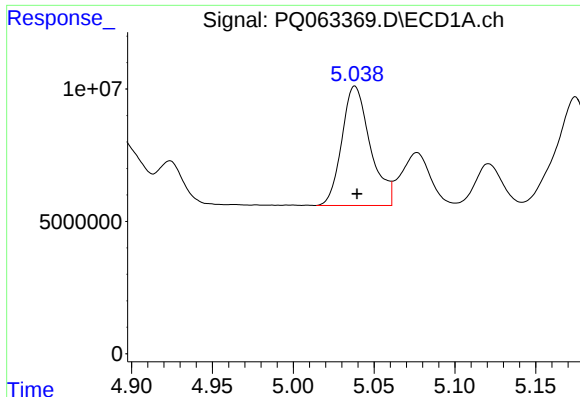
#22 AR-1248-2

R.T.: 4.846 min
Delta R.T.: 0.000 min
Response: 43467979
Conc: 303.93 ng/ml



#22 AR-1248-2

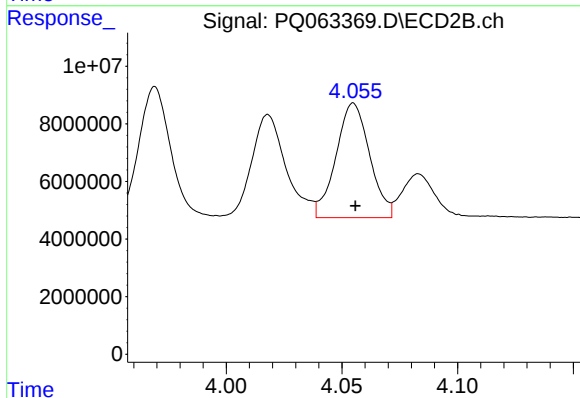
R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 37007709
Conc: 309.09 ng/ml



#23 AR-1248-3

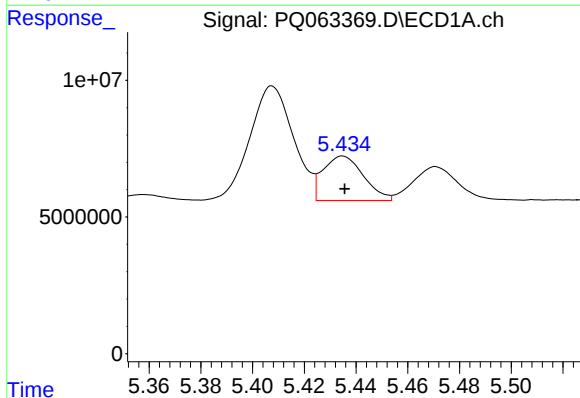
R.T.: 5.038 min
Delta R.T.: -0.001 min
Response: 55171409
Conc: 320.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



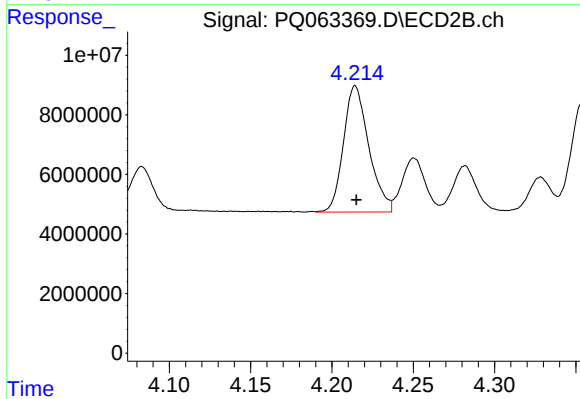
#23 AR-1248-3

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 40318516
Conc: 351.67 ng/ml



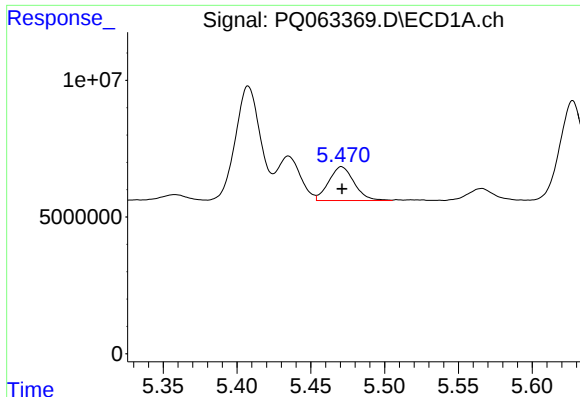
#24 AR-1248-4

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 17652748
Conc: 92.33 ng/ml



#24 AR-1248-4

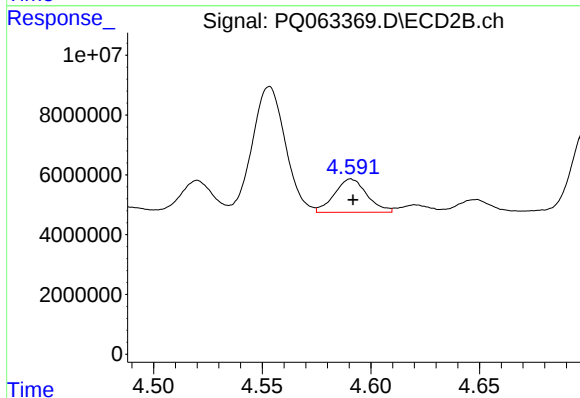
R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 45970219
Conc: 326.02 ng/ml



#25 AR-1248-5

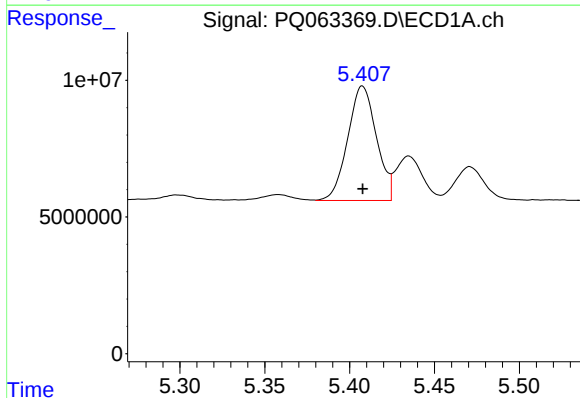
R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 14789652
Conc: 79.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



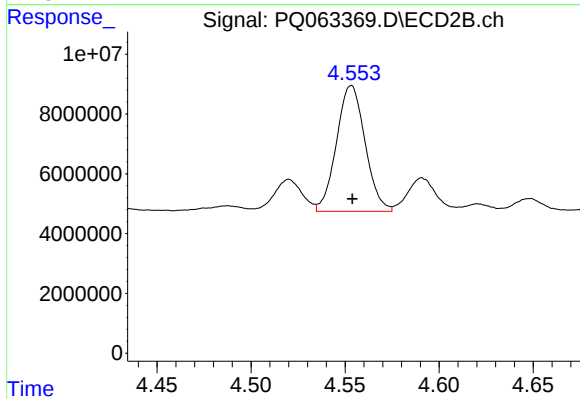
#25 AR-1248-5

R.T.: 4.591 min
Delta R.T.: -0.001 min
Response: 11648157
Conc: 84.30 ng/ml



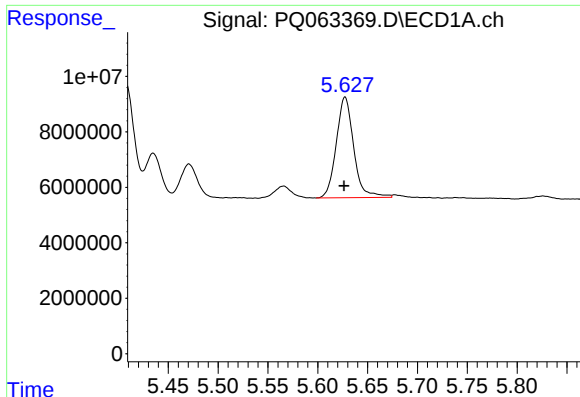
#26 AR-1254-1

R.T.: 5.408 min
Delta R.T.: 0.000 min
Response: 49231713
Conc: 244.80 ng/ml



#26 AR-1254-1

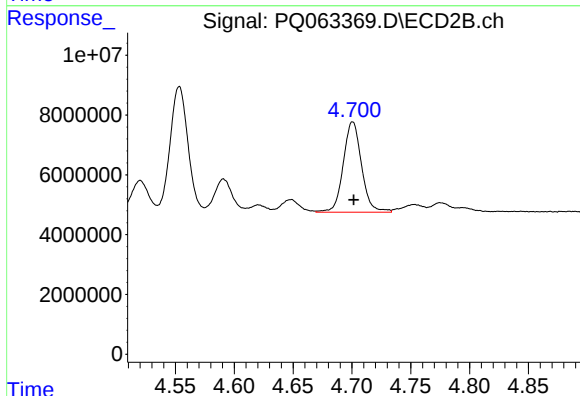
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 44511902
Conc: 211.11 ng/ml



#27 AR-1254-2

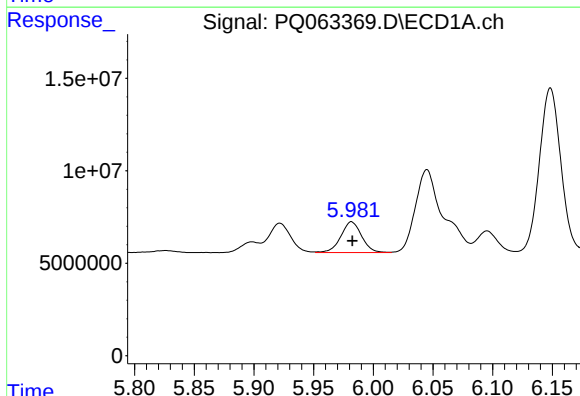
R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 44204989
Conc: 144.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



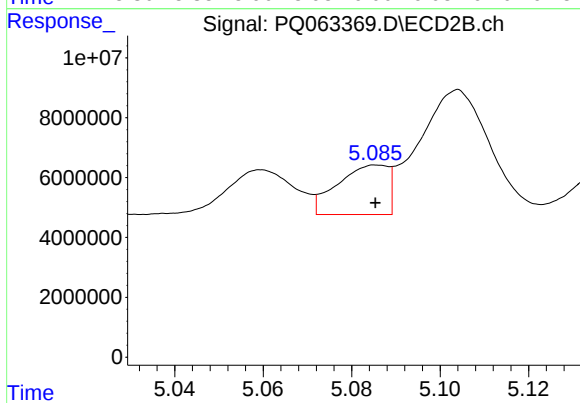
#27 AR-1254-2

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 32718467
Conc: 176.78 ng/ml



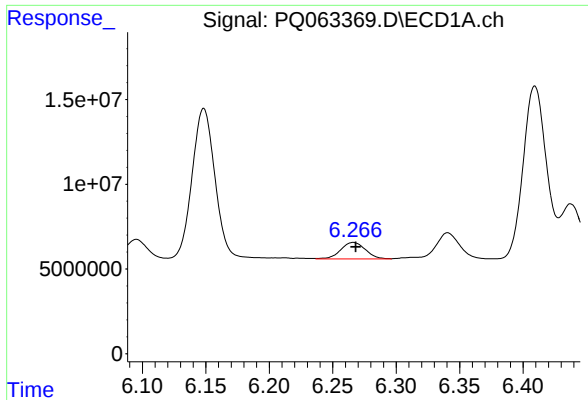
#28 AR-1254-3

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 20184104
Conc: 61.53 ng/ml



#28 AR-1254-3

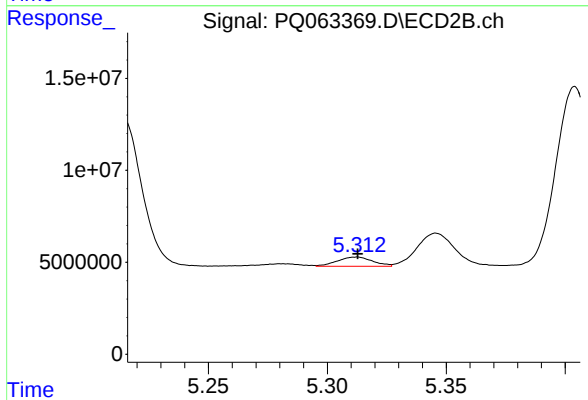
R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 13069434
Conc: 45.68 ng/ml



#29 AR-1254-4

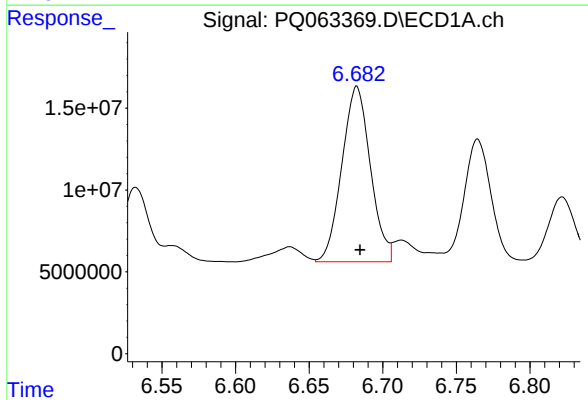
R.T.: 6.266 min
Delta R.T.: -0.002 min
Response: 13281632
Conc: 54.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



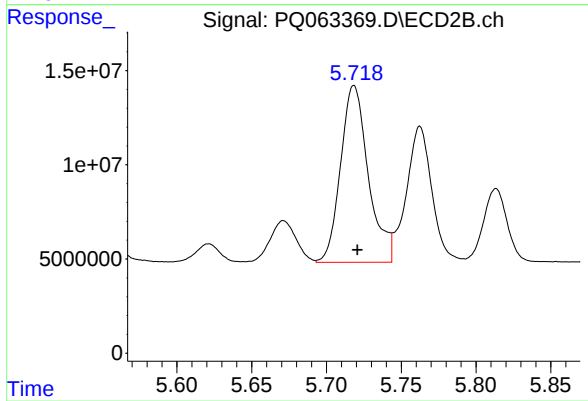
#29 AR-1254-4

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 5244782
Conc: 28.33 ng/ml



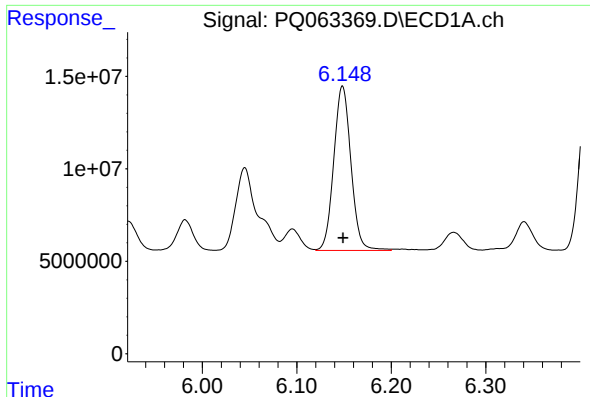
#30 AR-1254-5

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 144461550
Conc: 562.52 ng/ml



#30 AR-1254-5

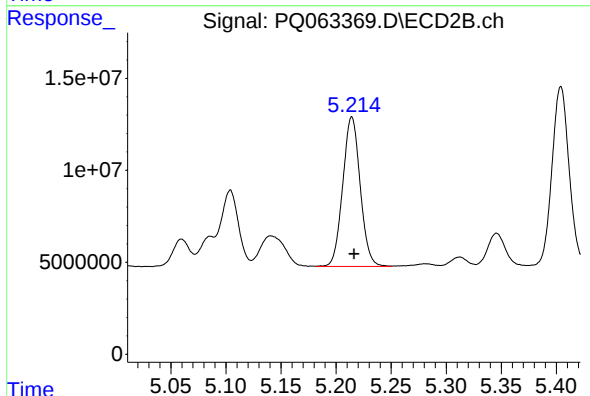
R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 121272067
Conc: 469.38 ng/ml



#31 AR-1260-1

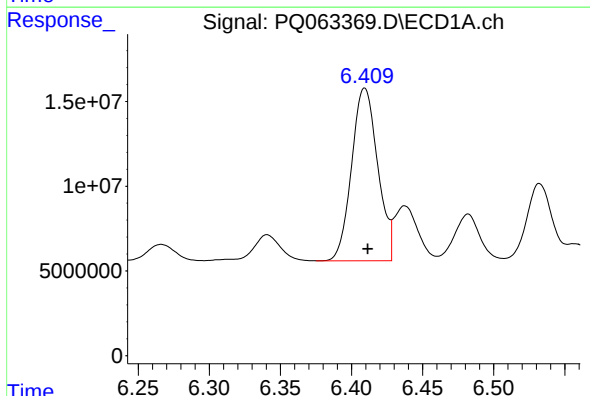
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 112364454
Conc: 467.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



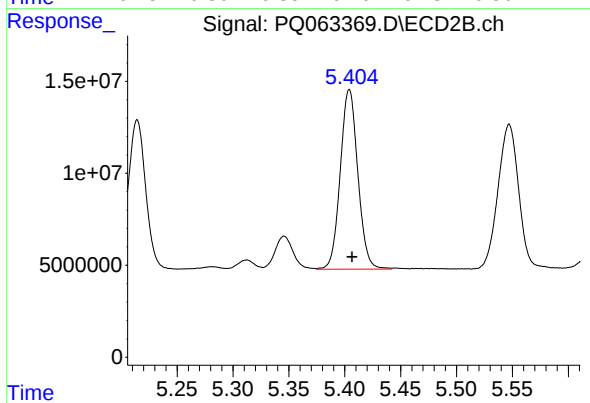
#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.002 min
Response: 89655280
Conc: 444.01 ng/ml



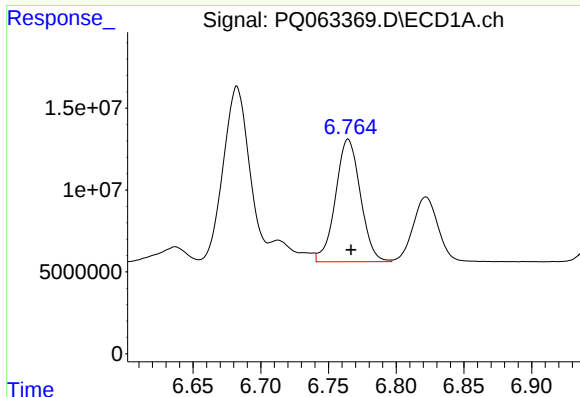
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: -0.002 min
Response: 130188496
Conc: 459.50 ng/ml



#32 AR-1260-2

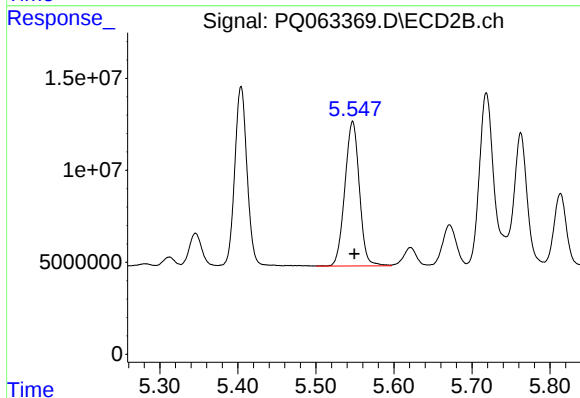
R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 106932263
Conc: 437.00 ng/ml



#33 AR-1260-3

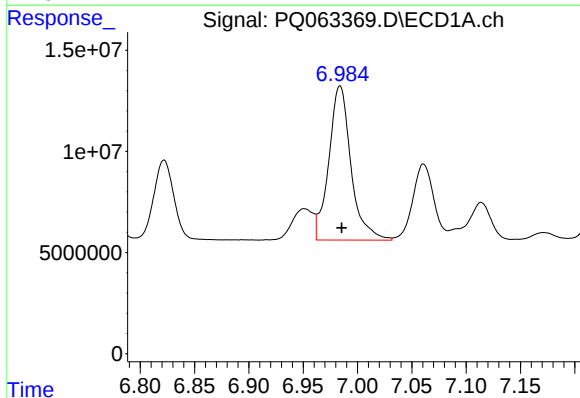
R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 95646504
Conc: 470.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



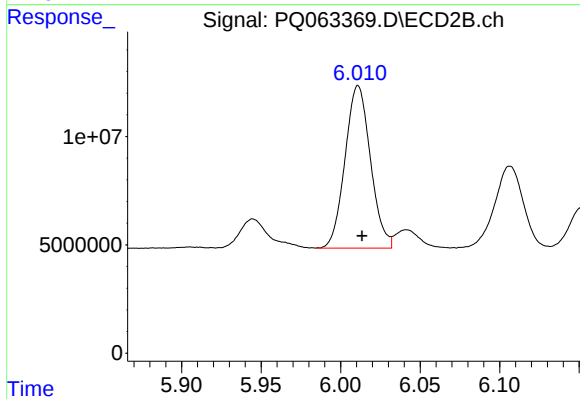
#33 AR-1260-3

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 101592573
Conc: 429.61 ng/ml



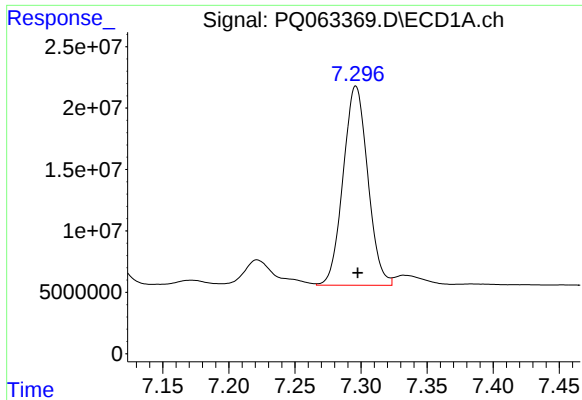
#34 AR-1260-4

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 108197639
Conc: 453.89 ng/ml



#34 AR-1260-4

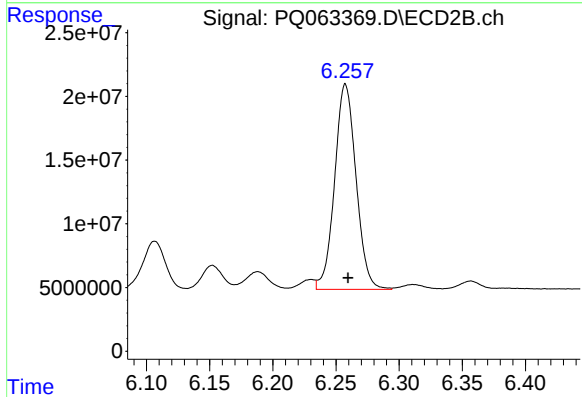
R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 83407538
Conc: 436.86 ng/ml



#35 AR-1260-5

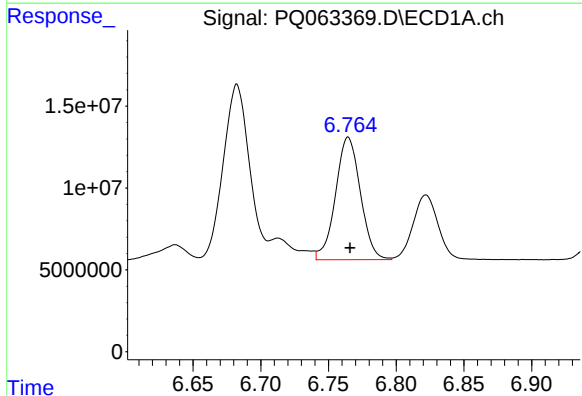
R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 210268933
Conc: 469.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



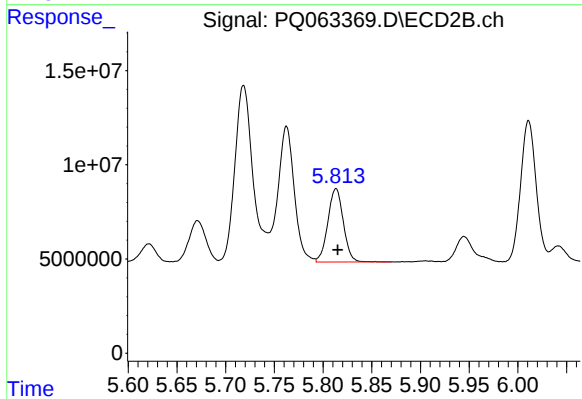
#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 190078540
Conc: 434.04 ng/ml



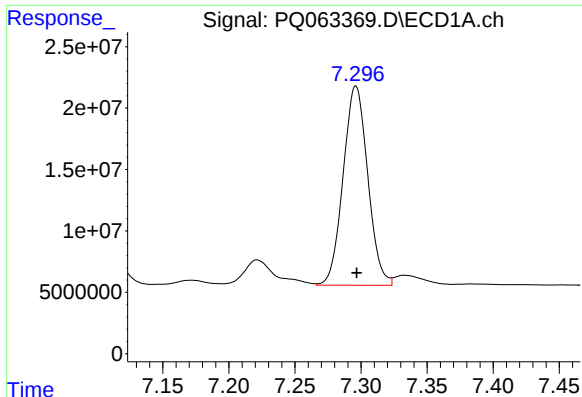
#36 AR-1262-1

R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 95646504
Conc: 307.20 ng/ml



#36 AR-1262-1

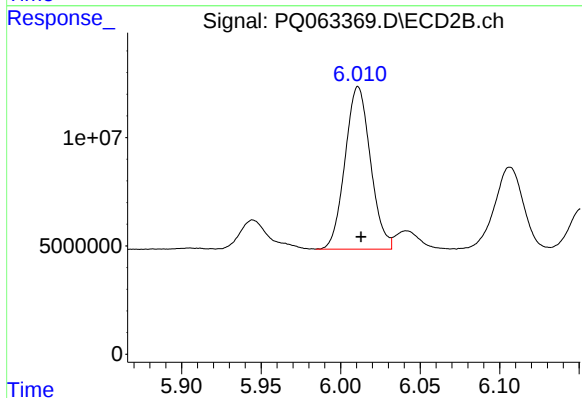
R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 43006505
Conc: 408.79 ng/ml



#37 AR-1262-2

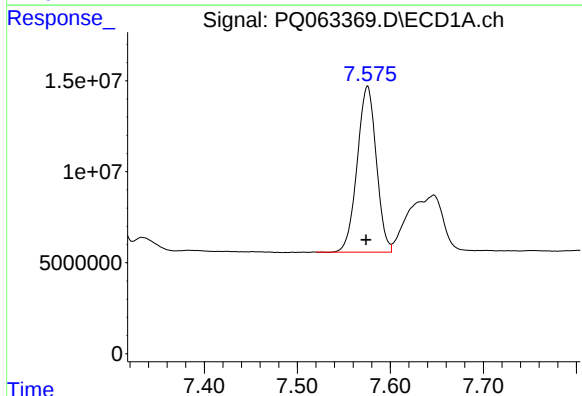
R.T.: 7.296 min
Delta R.T.: 0.000 min
Response: 210268933
Conc: 405.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



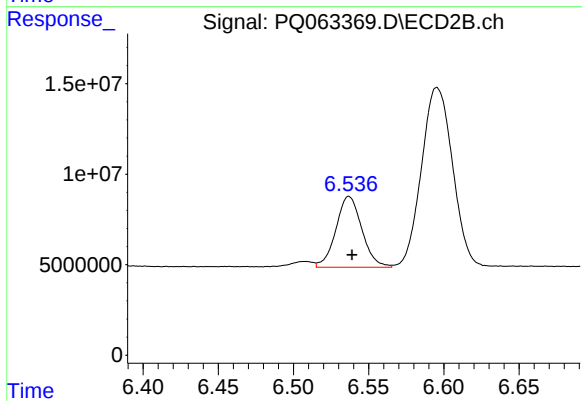
#37 AR-1262-2

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 83407538
Conc: 359.24 ng/ml



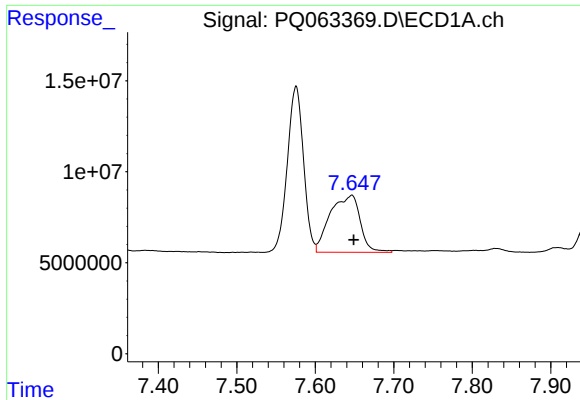
#38 AR-1262-3

R.T.: 7.576 min
Delta R.T.: 0.002 min
Response: 130401146
Conc: 376.68 ng/ml



#38 AR-1262-3

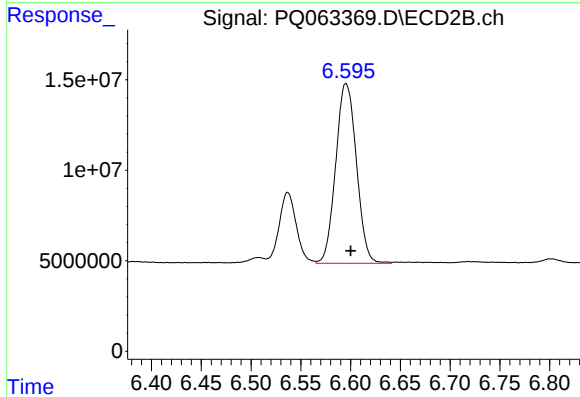
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 47050942
Conc: 244.96 ng/ml



#39 AR-1262-4

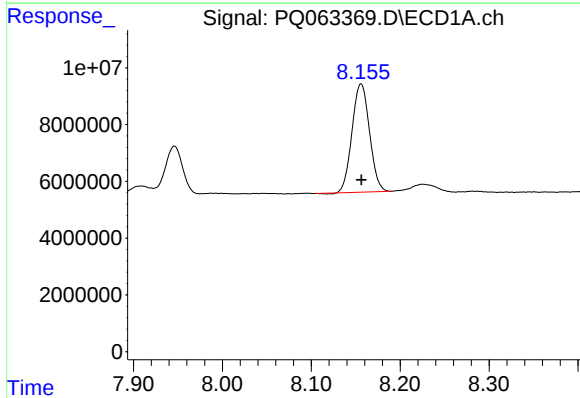
R.T.: 7.647 min
Delta R.T.: -0.003 min
Response: 83499434
Conc: 306.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



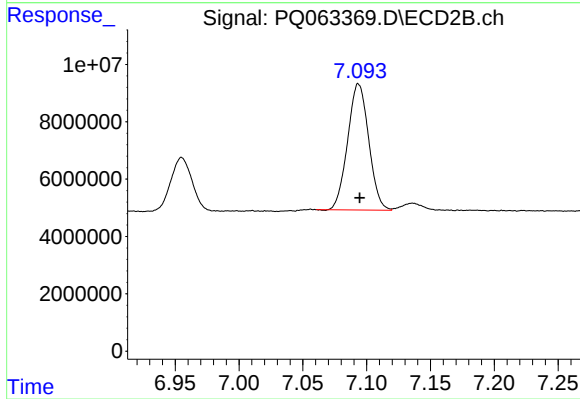
#39 AR-1262-4

R.T.: 6.595 min
Delta R.T.: -0.005 min
Response: 143860685
Conc: 411.39 ng/ml



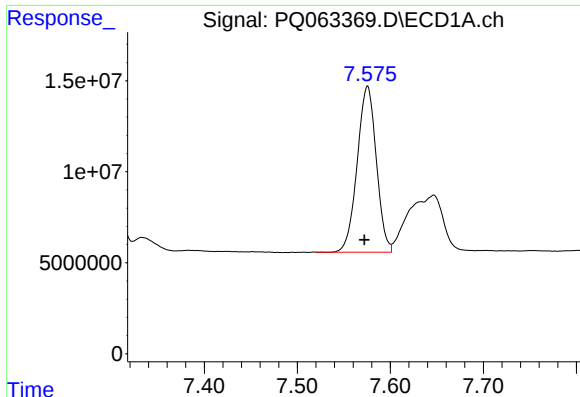
#40 AR-1262-5

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 51946757
Conc: 302.86 ng/ml



#40 AR-1262-5

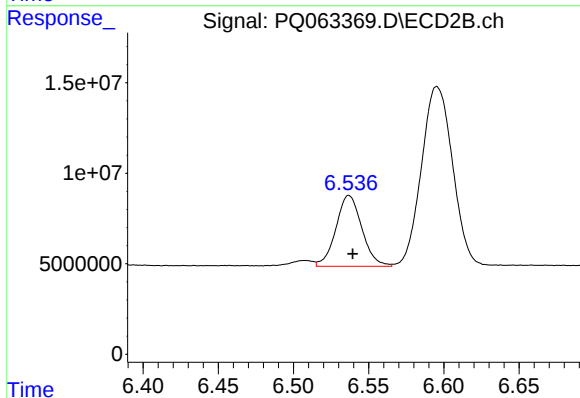
R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 50555584
Conc: 305.21 ng/ml



#41 AR-1268-1

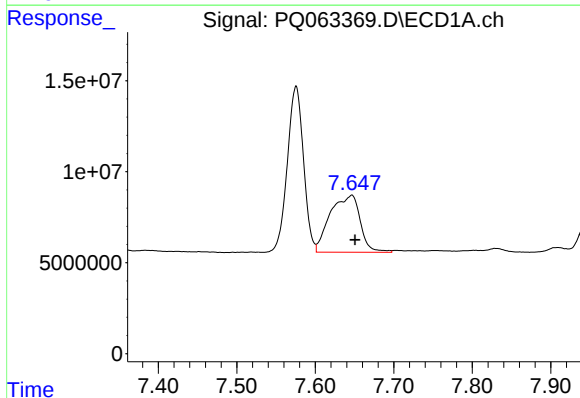
R.T.: 7.576 min
Delta R.T.: 0.004 min
Response: 130401146
Conc: 211.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



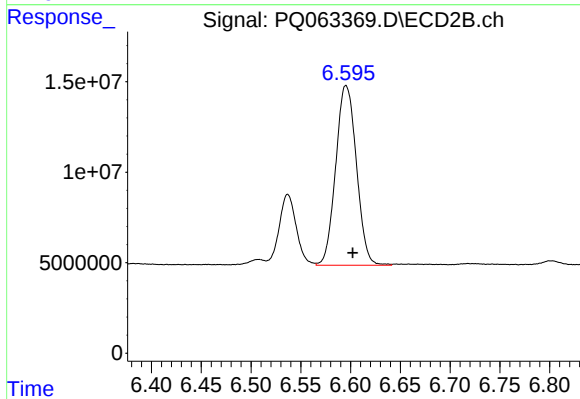
#41 AR-1268-1

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 47050942
Conc: 83.91 ng/ml



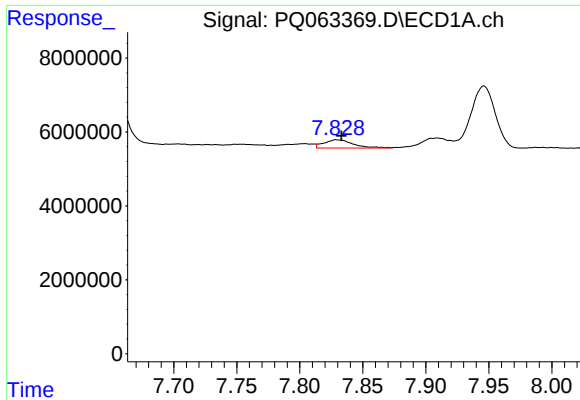
#42 AR-1268-2

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 83499434
Conc: 145.84 ng/ml



#42 AR-1268-2

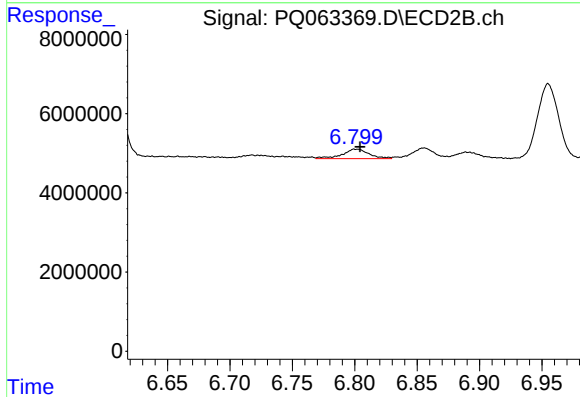
R.T.: 6.595 min
Delta R.T.: -0.007 min
Response: 143860685
Conc: 289.23 ng/ml



#43 AR-1268-3

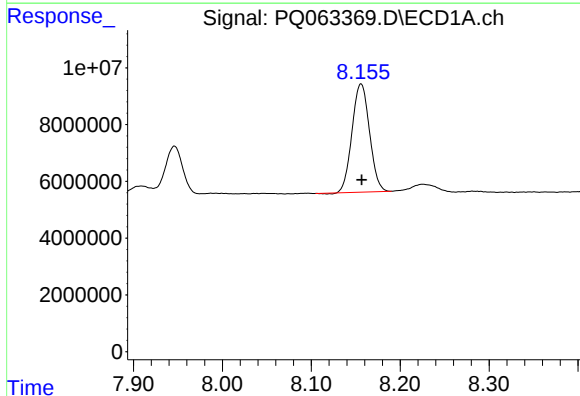
R.T.: 7.829 min
Delta R.T.: -0.004 min
Response: 3610116
Conc: 7.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



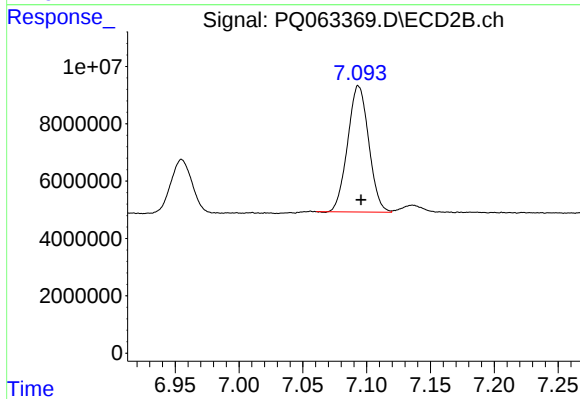
#43 AR-1268-3

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 3581718
Conc: 8.40 ng/ml



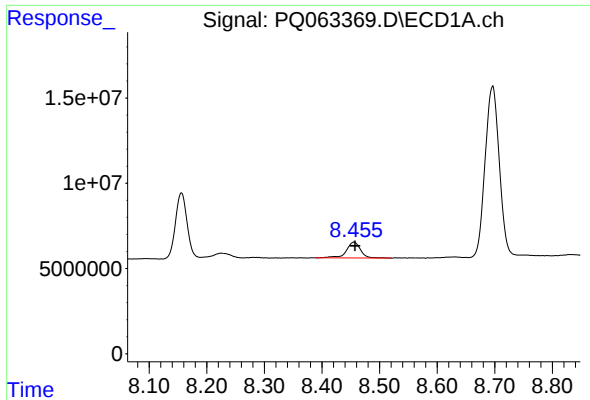
#44 AR-1268-4

R.T.: 8.156 min
Delta R.T.: 0.000 min
Response: 51946757
Conc: 270.02 ng/ml



#44 AR-1268-4

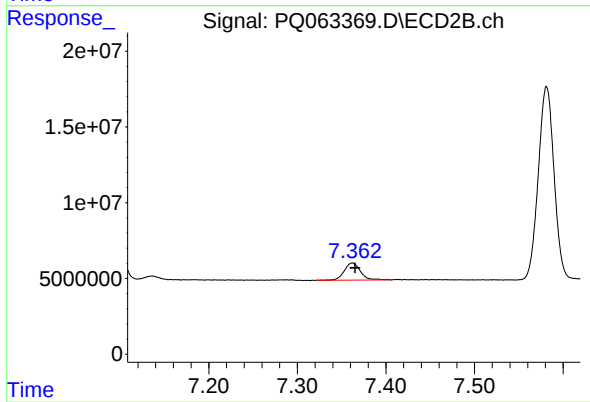
R.T.: 7.094 min
Delta R.T.: -0.002 min
Response: 50555584
Conc: 273.02 ng/ml



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: -0.002 min
Response: 16031814
Conc: 11.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.362 min
Delta R.T.: -0.003 min
Response: 14367783
Conc: 10.93 ng/ml