

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070623\
 Data File : PQ061950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jul 2023 09:59
 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: Jul 06 21:27:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 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...	3.411	2.758	260.2E6	140.7E6	53.335	56.074
2)	SA Decachlor...	8.595	7.532	196.3E6	175.1E6	54.047	52.561
Target Compounds							
3)	L1 AR-1016-1	4.513	3.760	88528642	51708025	537.456	522.433
4)	L1 AR-1016-2	4.532	3.775	130.9E6	77578198	529.571	537.994
5)	L1 AR-1016-3	4.589	3.935	81210555	40780328	532.858	540.547
6)	L1 AR-1016-4	4.681	3.985	66982952	35809924	534.388	545.225
7)	L1 AR-1016-5	4.968	4.180	65923339	44070462	541.612	537.565
8)	L2 AR-1221-1	3.608	2.960	11844932	5818519	197.061	176.337
9)	L2 AR-1221-2	3.690	3.036	16379869	8782368	364.543	345.762
10)	L2 AR-1221-3	3.760	3.104	50065380	28844643	356.291	374.164
11)	L3 AR-1232-1	3.760	3.104	50065380	28844643	474.098	503.409
12)	L3 AR-1232-2	4.254	3.775	66858942	77578198	1130.307	1165.626
13)	L3 AR-1232-3	4.532	3.935	130.9E6	40780328	1157.990	1180.158
14)	L3 AR-1232-4	4.681	4.021	66982952	39248885	1182.057	1319.742
15)	L3 AR-1232-5	4.778	4.180	52970639	44070462	1322.613	1235.822
16)	L4 AR-1242-1	4.513	3.760	88528642	51708025	677.321	668.589
17)	L4 AR-1242-2	4.532	3.775	130.9E6	77578198	674.499	697.905
18)	L4 AR-1242-3	4.589	3.935	81210555	40780328	672.027	696.195
19)	L4 AR-1242-4	4.681	4.021	66982952	39248885	687.105	669.454
20)	L4 AR-1242-5	5.398	4.515	7356609	36477467	76.847	440.057 #
21)	L5 AR-1248-1	4.513	3.760	88528642	51708025	851.412	827.059
22)	L5 AR-1248-2	4.778	3.985	52970639	35809924	368.717	381.896
23)	L5 AR-1248-3	4.968	4.021	65923339	39248885	379.496	433.480
24)	L5 AR-1248-4	5.362	4.180	10341867	44070462	53.883	390.559 #
25)	L5 AR-1248-5	5.398	4.554	7356609	5896633	40.617	52.633 #
26)	L6 AR-1254-1	5.334	4.515	51453430	36477467	276.897	225.919
27)	L6 AR-1254-2	5.553	4.663	57807734	35531549	198.848	241.342
28)	L6 AR-1254-3	5.906	5.044	30913954	18889593	100.651	80.828
29)	L6 AR-1254-4	6.188	5.271	20036910	7744477	86.294	50.812 #
30)	L6 AR-1254-5	6.603	5.676	182.0E6	136.9E6	708.542	593.290
31)	L7 AR-1260-1	6.070	5.173	126.0E6	91170982	534.000	547.399
32)	L7 AR-1260-2	6.331	5.363	151.6E6	112.6E6	525.065	541.323
33)	L7 AR-1260-3	6.685	5.504	95288969	105.3E6	539.647	541.319
34)	L7 AR-1260-4	6.903	5.966	114.2E6	78292275	541.952	536.757
35)	L7 AR-1260-5	7.214	6.213	221.9E6	177.4E6	540.313	534.219
36)	L8 AR-1262-1	6.685	5.719	95288969	79030791	312.483	339.959
37)	L8 AR-1262-2	7.214	5.966	221.9E6	78292275	421.210	362.117
38)	L8 AR-1262-3	7.493	6.492	141.7E6	37974398	402.250	217.833 #
39)	L8 AR-1262-4	7.547	6.550	42395258	137.7E6	158.950	427.298 #
40)	L8 AR-1262-5	8.069	7.048	51329263	44809846	289.165	288.882
41)	L9 AR-1268-1	7.493	6.492	141.7E6	37974398	249.726	80.704 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jul 2023 09:59
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

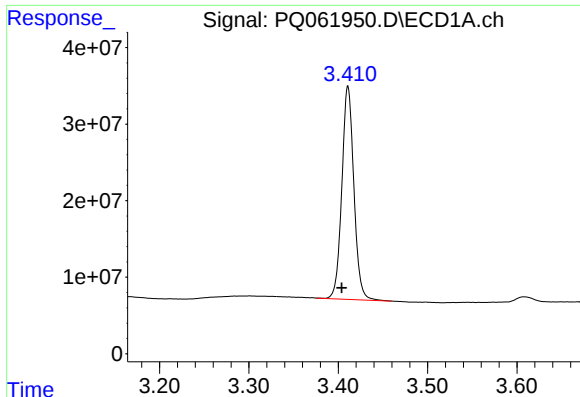
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 06 21:27:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 04 05:32:27 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
42)	L9 AR-1268-2	7.562	6.550	36432153	137.7E6	71.453	325.029 #
43)	L9 AR-1268-3	7.746	6.754	4568825	3623556	10.706	9.838
44)	L9 AR-1268-4	8.069	7.048	51329263	44809846	280.511	280.173
45)	L9 AR-1268-5	8.361	7.315	16608630	16950459	13.174	14.525

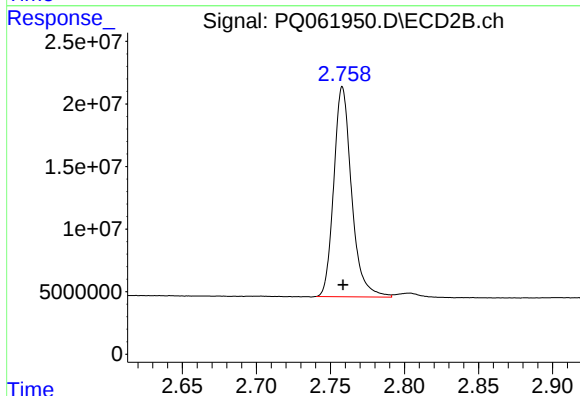
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

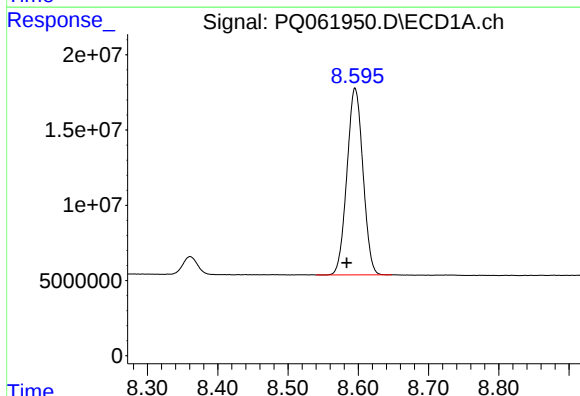
R.T.: 3.411 min
Delta R.T.: 0.007 min
Response: 260180810
Conc: 53.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



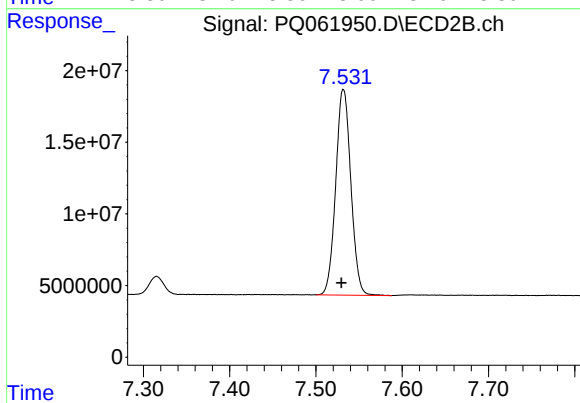
#1 Tetrachloro-m-xylene

R.T.: 2.758 min
Delta R.T.: 0.000 min
Response: 140695316
Conc: 56.07 ng/ml



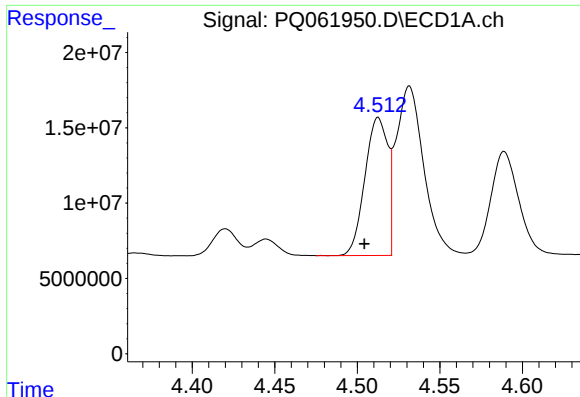
#2 Decachlorobiphenyl

R.T.: 8.595 min
Delta R.T.: 0.012 min
Response: 196340885
Conc: 54.05 ng/ml



#2 Decachlorobiphenyl

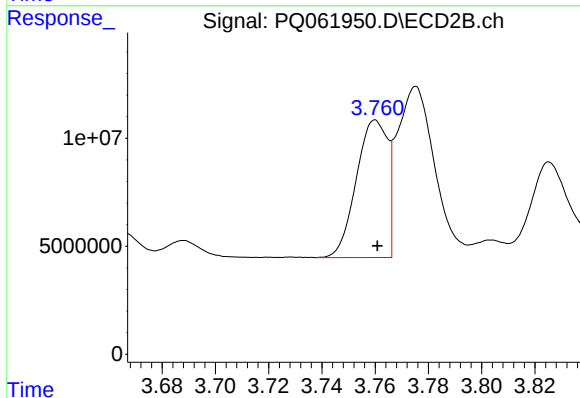
R.T.: 7.532 min
Delta R.T.: 0.003 min
Response: 175142755
Conc: 52.56 ng/ml



#3 AR-1016-1

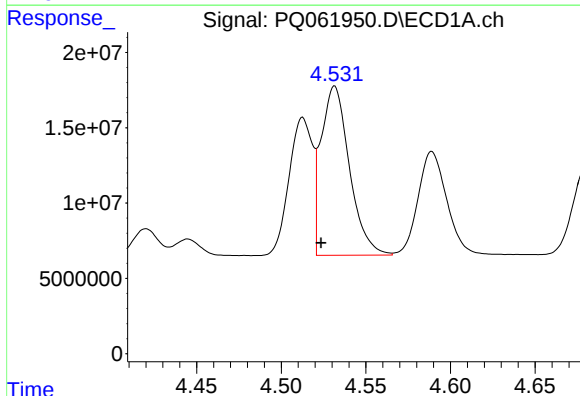
R.T.: 4.513 min
Delta R.T.: 0.008 min
Response: 88528642
Conc: 537.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



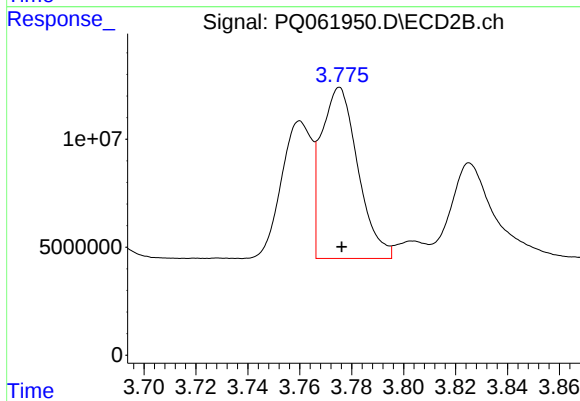
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 51708025
Conc: 522.43 ng/ml



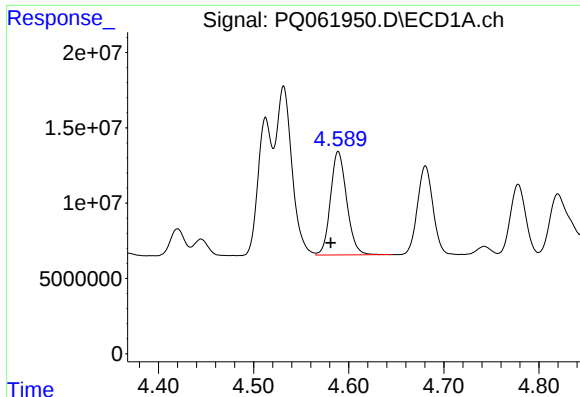
#4 AR-1016-2

R.T.: 4.532 min
Delta R.T.: 0.008 min
Response: 130946139
Conc: 529.57 ng/ml



#4 AR-1016-2

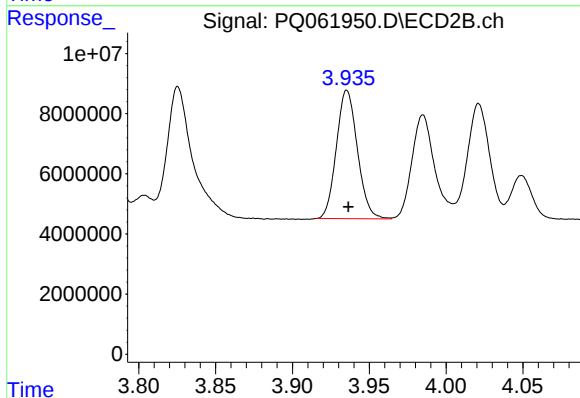
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 77578198
Conc: 537.99 ng/ml



#5 AR-1016-3

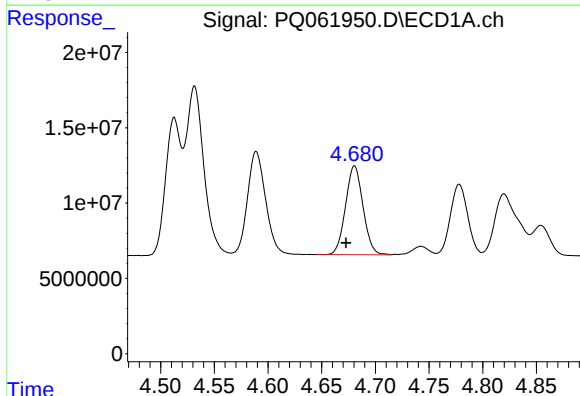
R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 81210555
Conc: 532.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



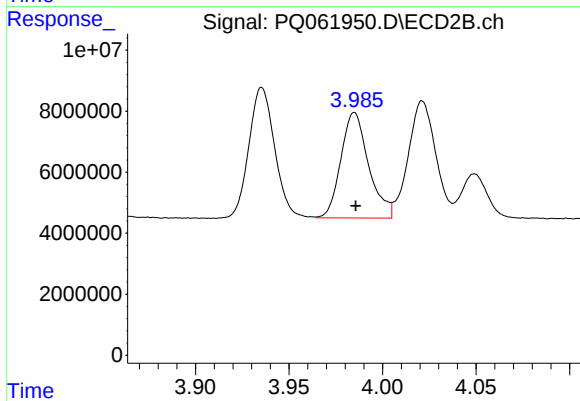
#5 AR-1016-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40780328
Conc: 540.55 ng/ml



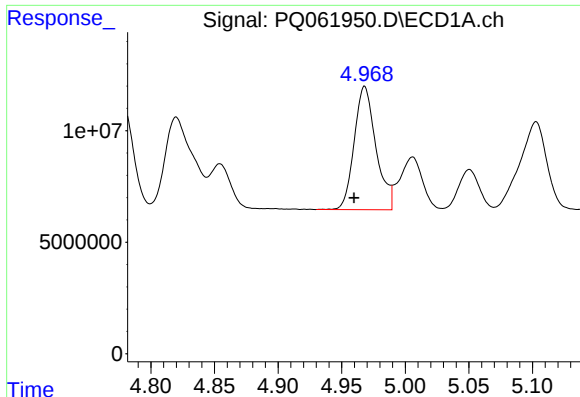
#6 AR-1016-4

R.T.: 4.681 min
Delta R.T.: 0.008 min
Response: 66982952
Conc: 534.39 ng/ml



#6 AR-1016-4

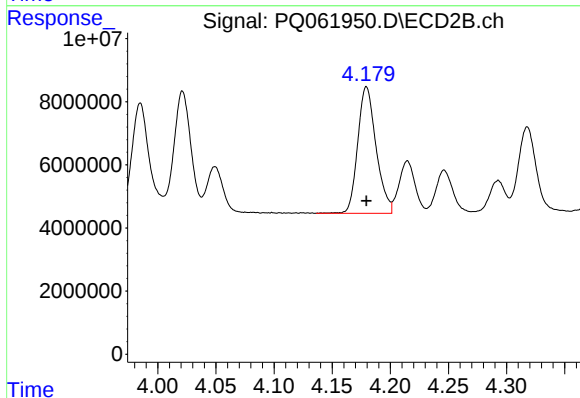
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 35809924
Conc: 545.23 ng/ml



#7 AR-1016-5

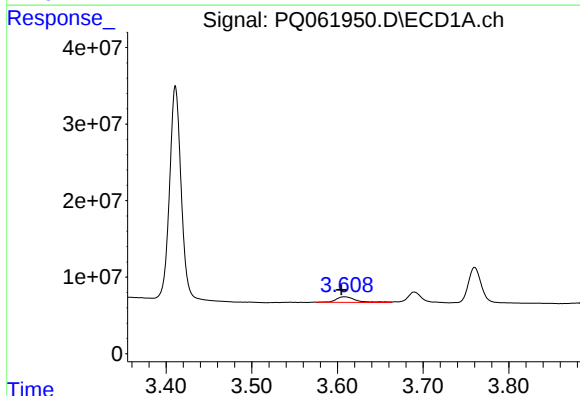
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 65923339
Conc: 541.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



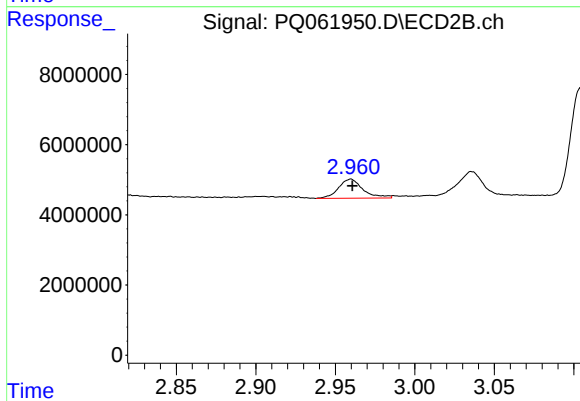
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 44070462
Conc: 537.57 ng/ml



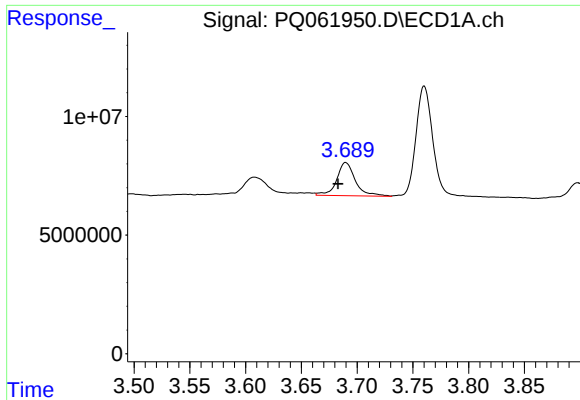
#8 AR-1221-1

R.T.: 3.608 min
Delta R.T.: 0.003 min
Response: 11844932
Conc: 197.06 ng/ml



#8 AR-1221-1

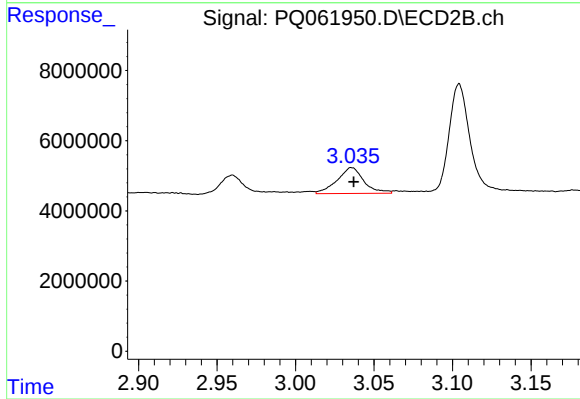
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5818519
Conc: 176.34 ng/ml



#9 AR-1221-2

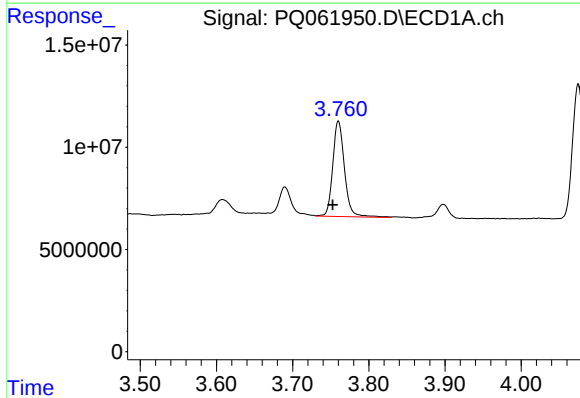
R.T.: 3.690 min
Delta R.T.: 0.007 min
Response: 16379869
Conc: 364.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



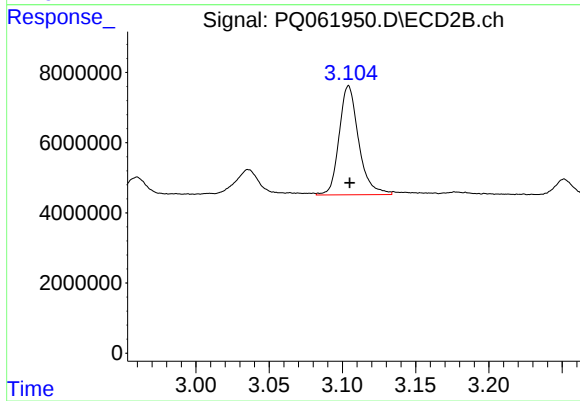
#9 AR-1221-2

R.T.: 3.036 min
Delta R.T.: -0.001 min
Response: 8782368
Conc: 345.76 ng/ml



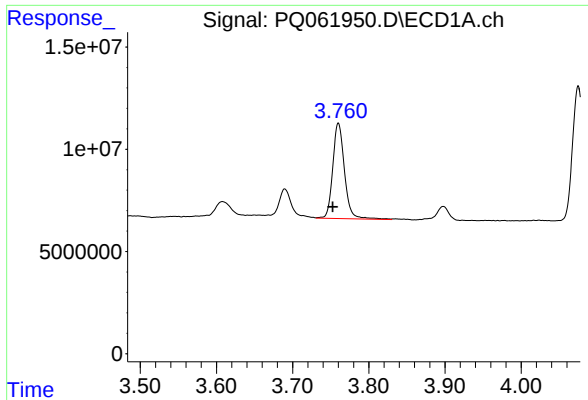
#10 AR-1221-3

R.T.: 3.760 min
Delta R.T.: 0.008 min
Response: 50065380
Conc: 356.29 ng/ml



#10 AR-1221-3

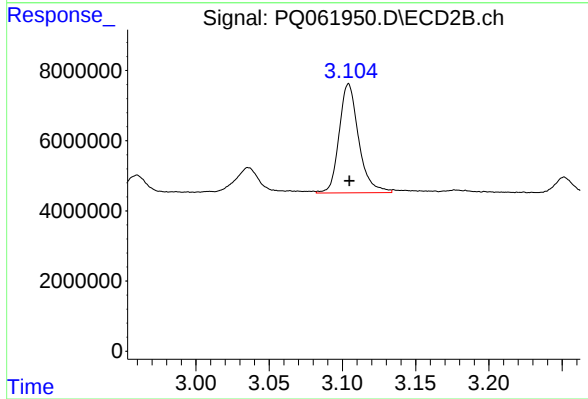
R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 28844643
Conc: 374.16 ng/ml



#11 AR-1232-1

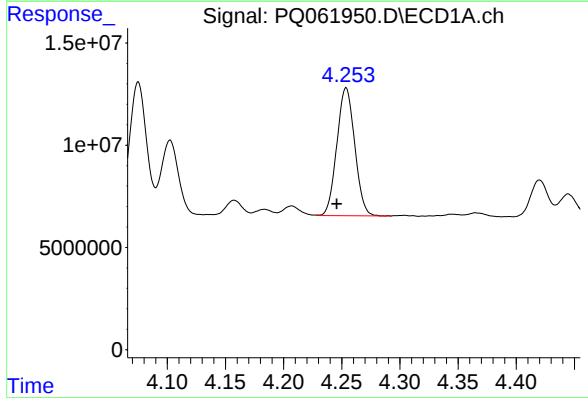
R.T.: 3.760 min
Delta R.T.: 0.008 min
Response: 50065380
Conc: 474.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



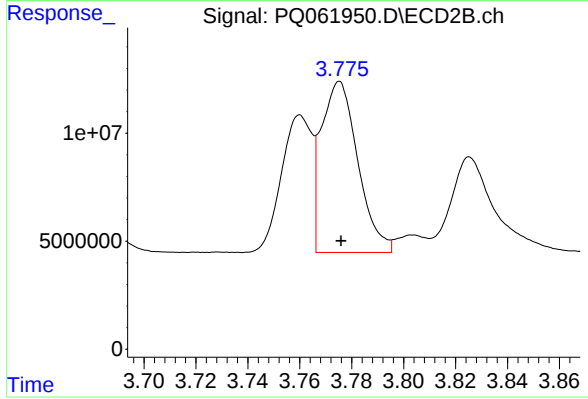
#11 AR-1232-1

R.T.: 3.104 min
Delta R.T.: 0.000 min
Response: 28844643
Conc: 503.41 ng/ml



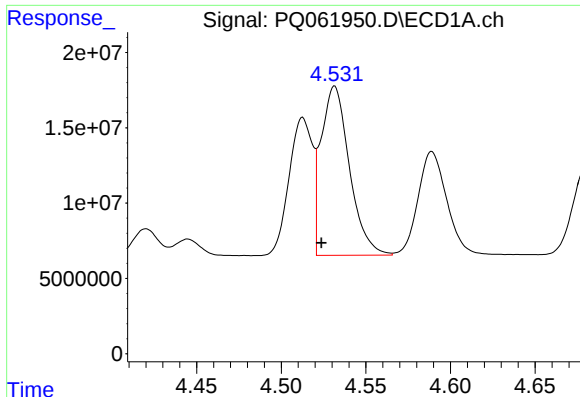
#12 AR-1232-2

R.T.: 4.254 min
Delta R.T.: 0.008 min
Response: 66858942
Conc: 1130.31 ng/ml



#12 AR-1232-2

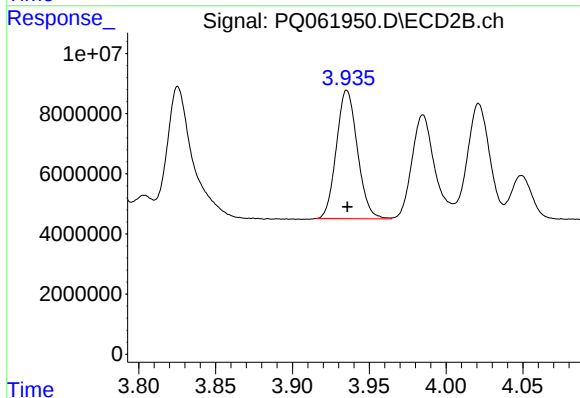
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 77578198
Conc: 1165.63 ng/ml



#13 AR-1232-3

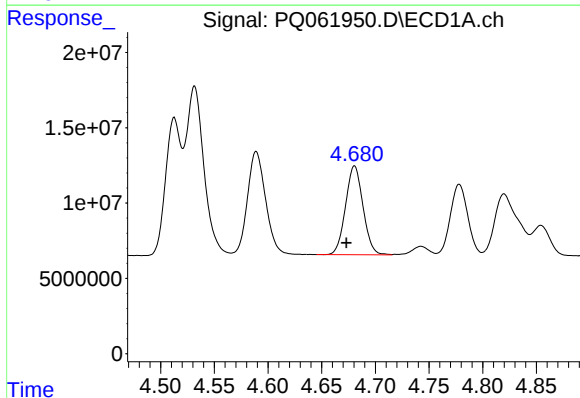
R.T.: 4.532 min
Delta R.T.: 0.008 min
Response: 130946139
Conc: 1157.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



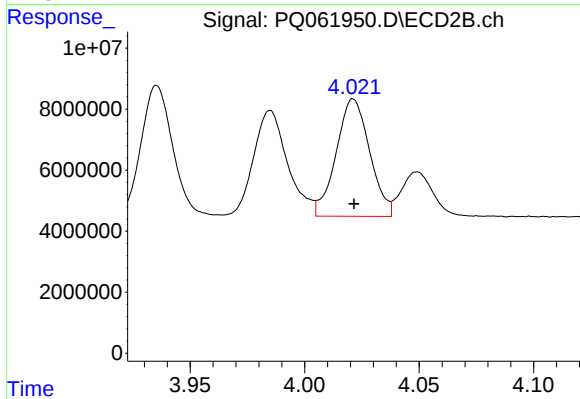
#13 AR-1232-3

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40780328
Conc: 1180.16 ng/ml



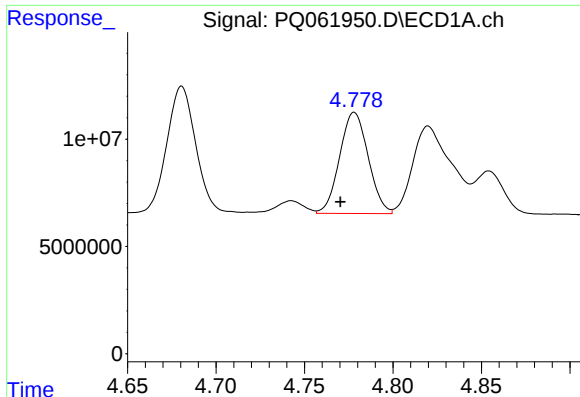
#14 AR-1232-4

R.T.: 4.681 min
Delta R.T.: 0.008 min
Response: 66982952
Conc: 1182.06 ng/ml



#14 AR-1232-4

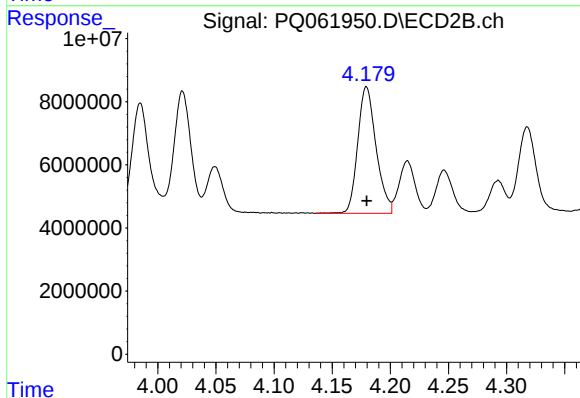
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 39248885
Conc: 1319.74 ng/ml



#15 AR-1232-5

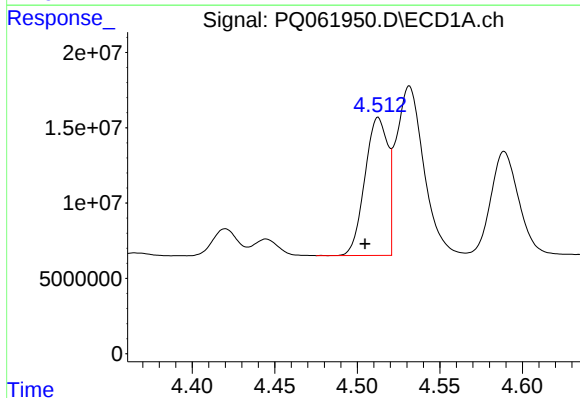
R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 52970639
Conc: 1322.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



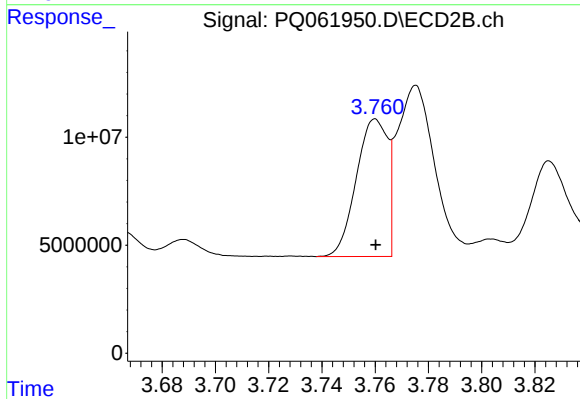
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 44070462
Conc: 1235.82 ng/ml



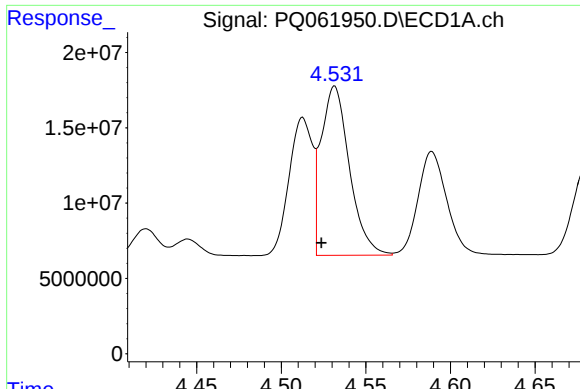
#16 AR-1242-1

R.T.: 4.513 min
Delta R.T.: 0.008 min
Response: 88528642
Conc: 677.32 ng/ml



#16 AR-1242-1

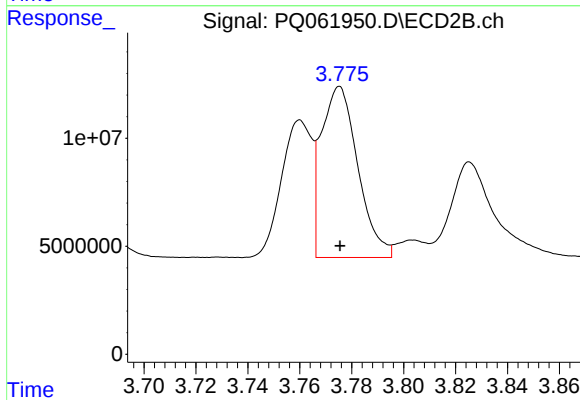
R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 51708025
Conc: 668.59 ng/ml



#17 AR-1242-2

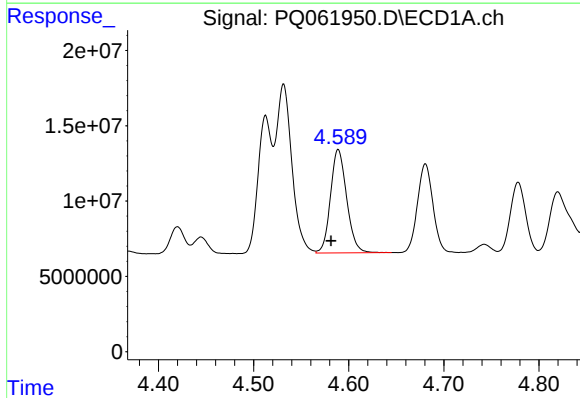
R.T.: 4.532 min
Delta R.T.: 0.008 min
Response: 130946139
Conc: 674.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



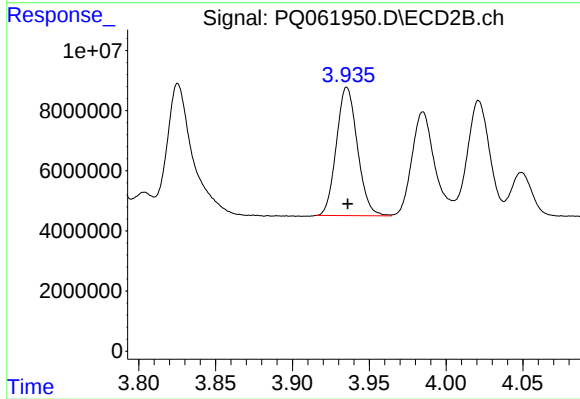
#17 AR-1242-2

R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 77578198
Conc: 697.91 ng/ml



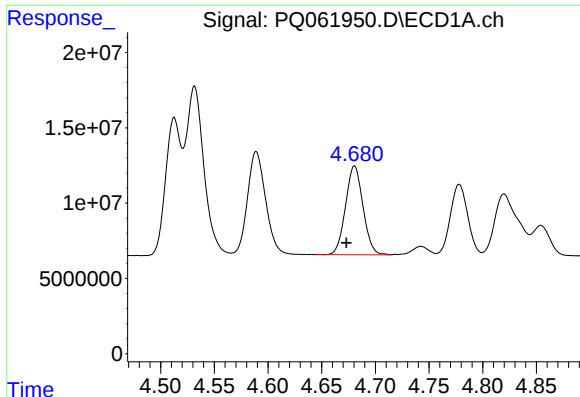
#18 AR-1242-3

R.T.: 4.589 min
Delta R.T.: 0.008 min
Response: 81210555
Conc: 672.03 ng/ml



#18 AR-1242-3

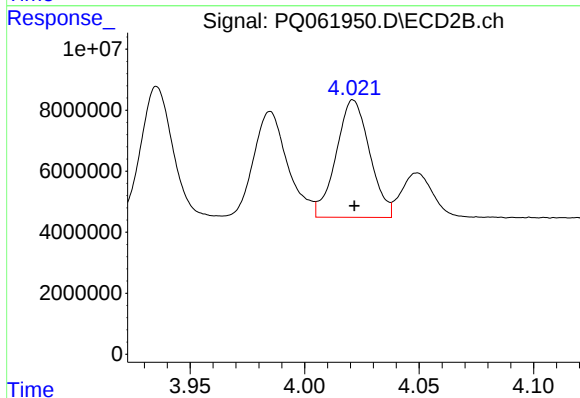
R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 40780328
Conc: 696.19 ng/ml



#19 AR-1242-4

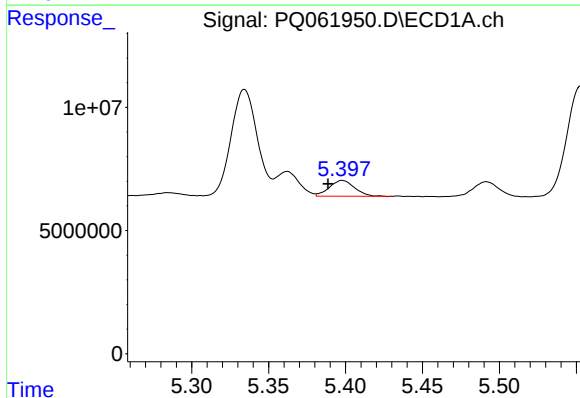
R.T.: 4.681 min
Delta R.T.: 0.007 min
Response: 66982952
Conc: 687.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



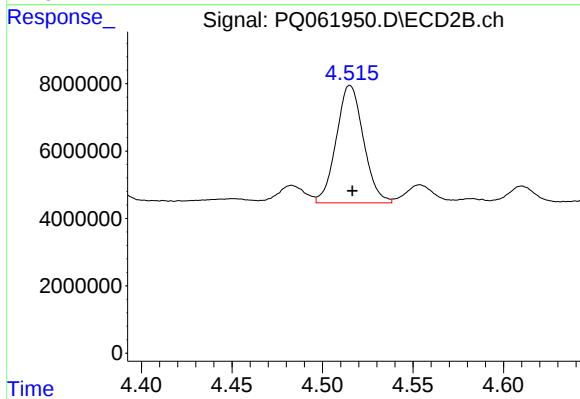
#19 AR-1242-4

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 39248885
Conc: 669.45 ng/ml



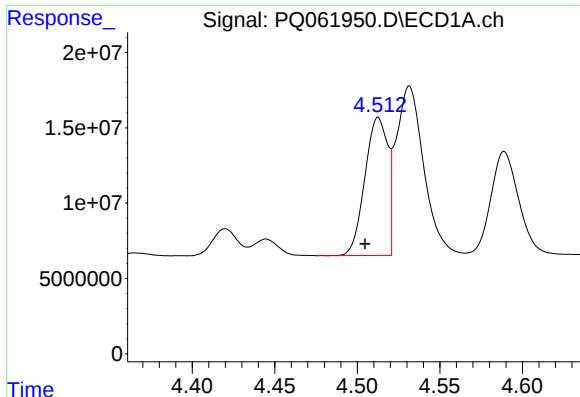
#20 AR-1242-5

R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 7356609
Conc: 76.85 ng/ml



#20 AR-1242-5

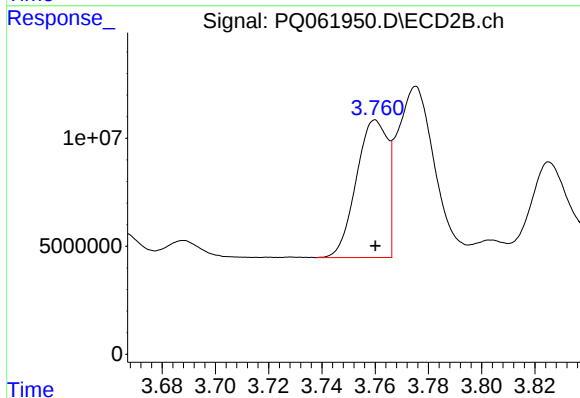
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 36477467
Conc: 440.06 ng/ml



#21 AR-1248-1

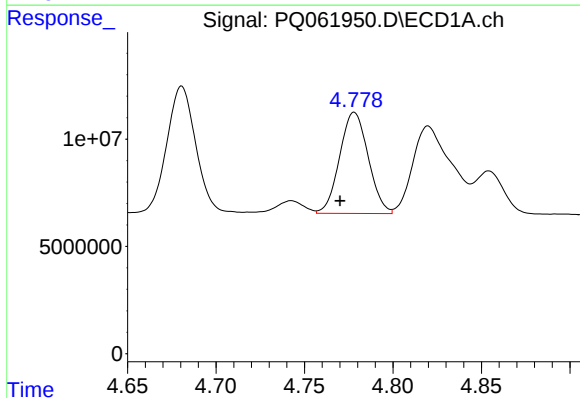
R.T.: 4.513 min
Delta R.T.: 0.008 min
Response: 88528642
Conc: 851.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



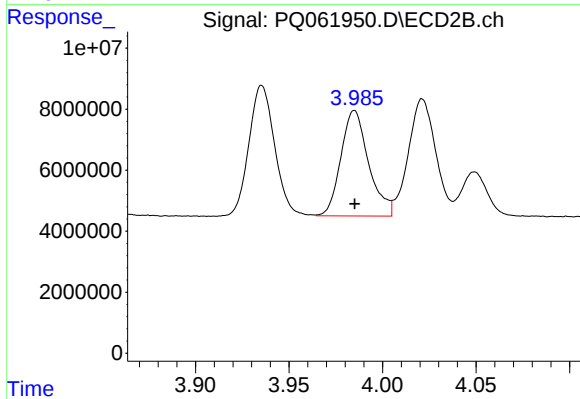
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: 0.000 min
Response: 51708025
Conc: 827.06 ng/ml



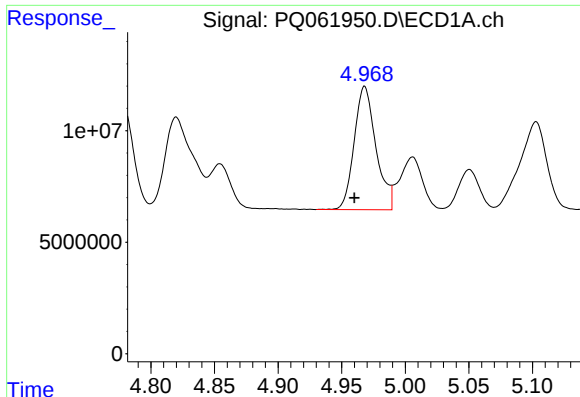
#22 AR-1248-2

R.T.: 4.778 min
Delta R.T.: 0.008 min
Response: 52970639
Conc: 368.72 ng/ml



#22 AR-1248-2

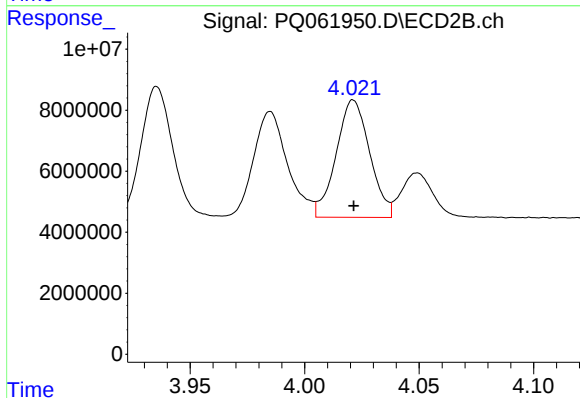
R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 35809924
Conc: 381.90 ng/ml



#23 AR-1248-3

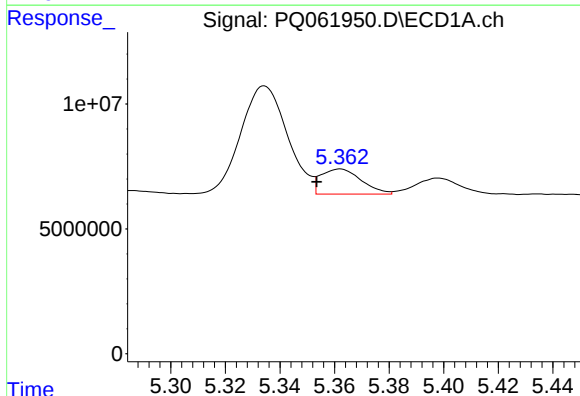
R.T.: 4.968 min
Delta R.T.: 0.008 min
Response: 65923339
Conc: 379.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



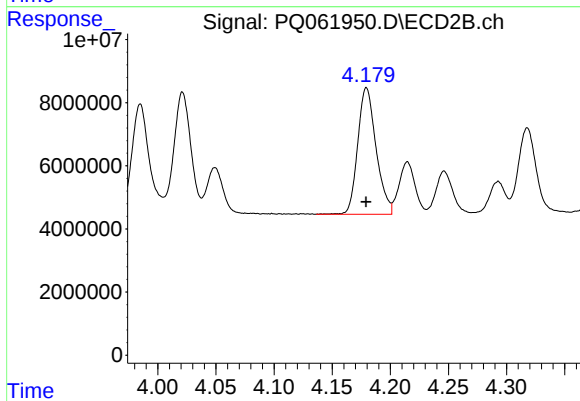
#23 AR-1248-3

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 39248885
Conc: 433.48 ng/ml



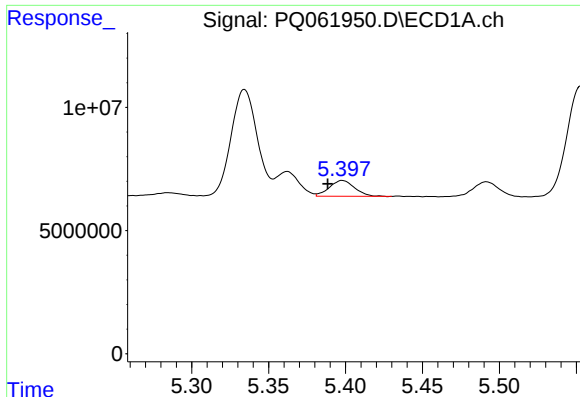
#24 AR-1248-4

R.T.: 5.362 min
Delta R.T.: 0.009 min
Response: 10341867
Conc: 53.88 ng/ml



#24 AR-1248-4

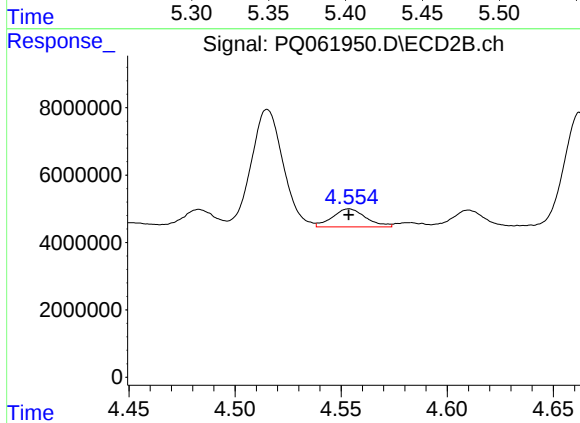
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 44070462
Conc: 390.56 ng/ml



#25 AR-1248-5

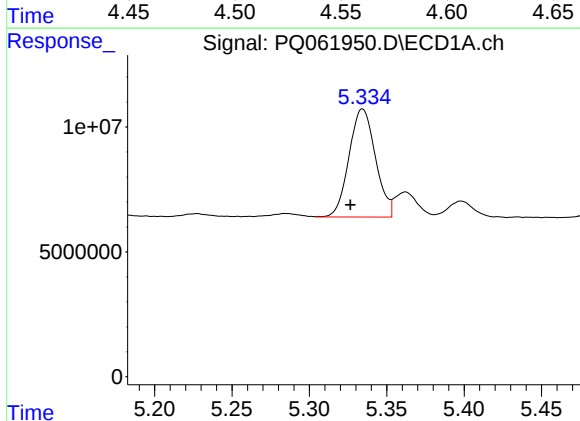
R.T.: 5.398 min
Delta R.T.: 0.010 min
Response: 7356609
Conc: 40.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



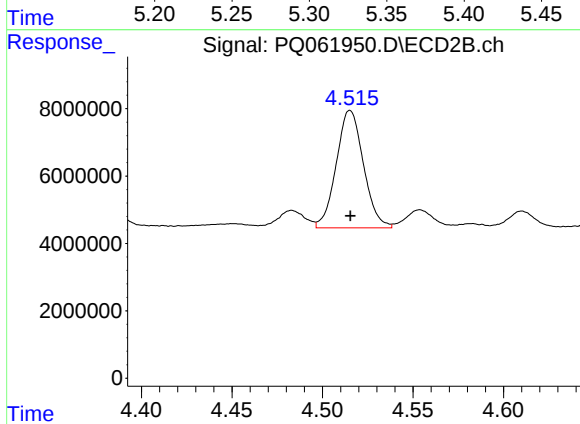
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 5896633
Conc: 52.63 ng/ml



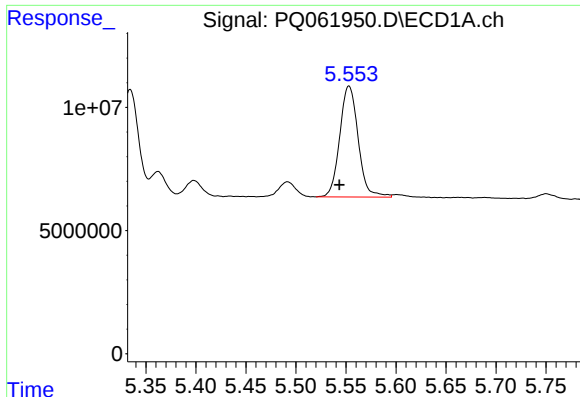
#26 AR-1254-1

R.T.: 5.334 min
Delta R.T.: 0.008 min
Response: 51453430
Conc: 276.90 ng/ml



#26 AR-1254-1

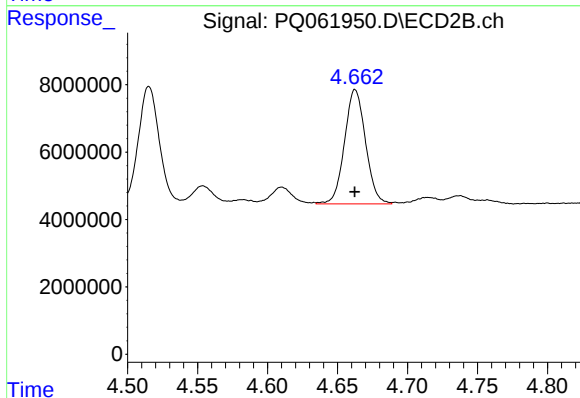
R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 36477467
Conc: 225.92 ng/ml



#27 AR-1254-2

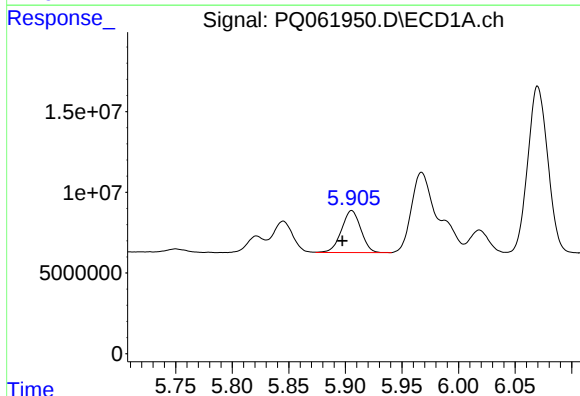
R.T.: 5.553 min
Delta R.T.: 0.009 min
Response: 57807734
Conc: 198.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



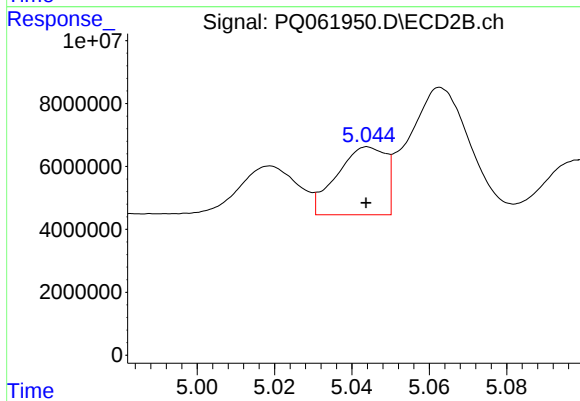
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: 0.000 min
Response: 35531549
Conc: 241.34 ng/ml



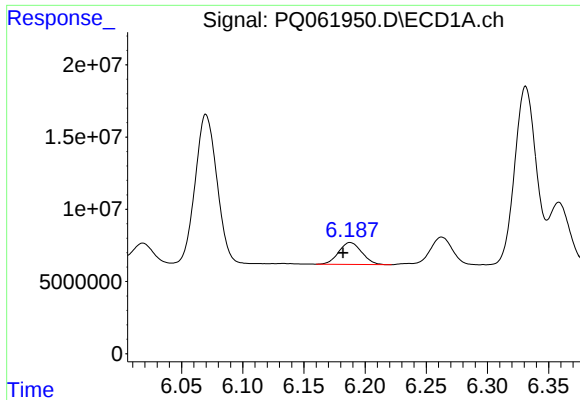
#28 AR-1254-3

R.T.: 5.906 min
Delta R.T.: 0.008 min
Response: 30913954
Conc: 100.65 ng/ml



#28 AR-1254-3

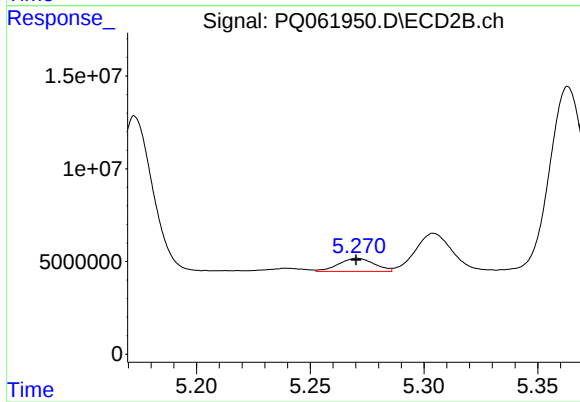
R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 18889593
Conc: 80.83 ng/ml



#29 AR-1254-4

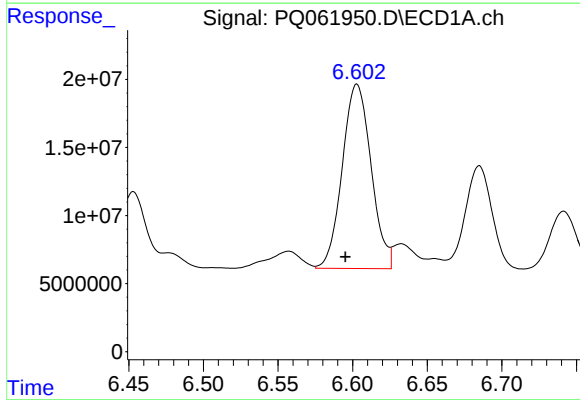
R.T.: 6.188 min
Delta R.T.: 0.006 min
Response: 20036910
Conc: 86.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



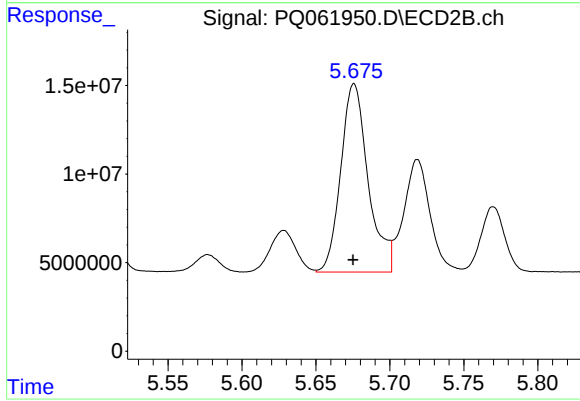
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 7744477
Conc: 50.81 ng/ml



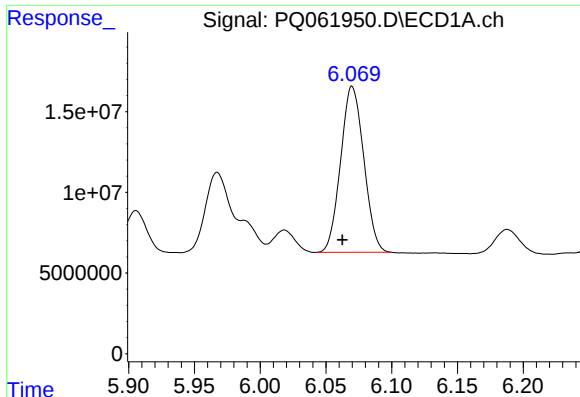
#30 AR-1254-5

R.T.: 6.603 min
Delta R.T.: 0.008 min
Response: 182003190
Conc: 708.54 ng/ml



#30 AR-1254-5

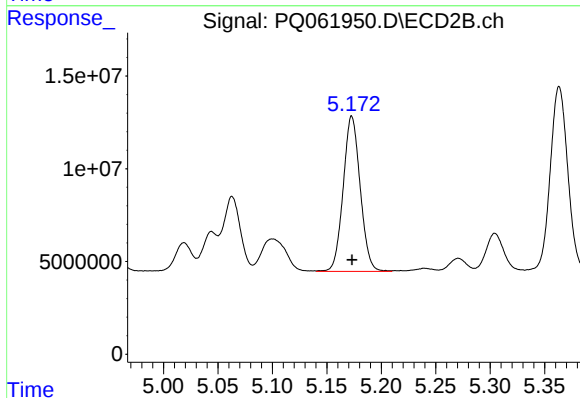
R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 136929189
Conc: 593.29 ng/ml



#31 AR-1260-1

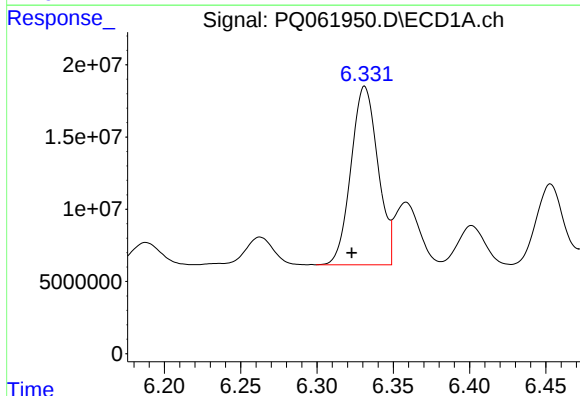
R.T.: 6.070 min
Delta R.T.: 0.007 min
Response: 125987437
Conc: 534.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



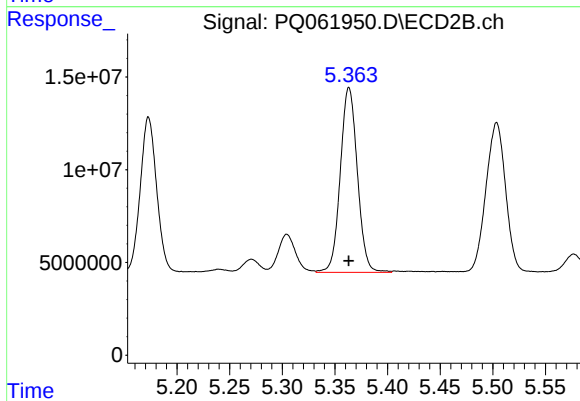
#31 AR-1260-1

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 91170982
Conc: 547.40 ng/ml



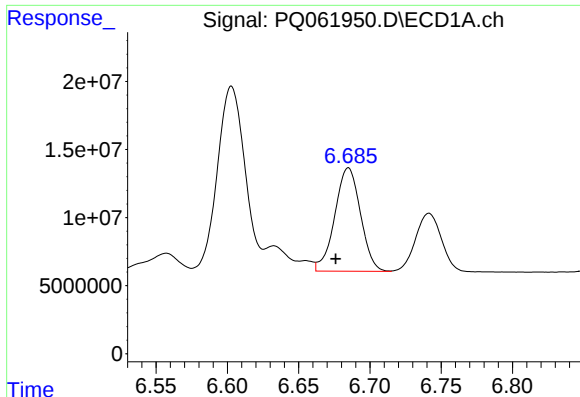
#32 AR-1260-2

R.T.: 6.331 min
Delta R.T.: 0.008 min
Response: 151645421
Conc: 525.07 ng/ml



#32 AR-1260-2

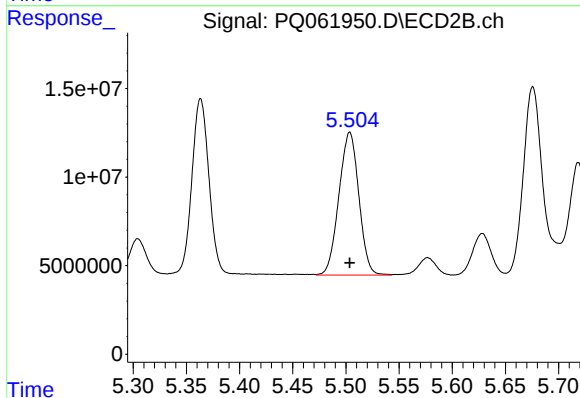
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 112565926
Conc: 541.32 ng/ml



#33 AR-1260-3

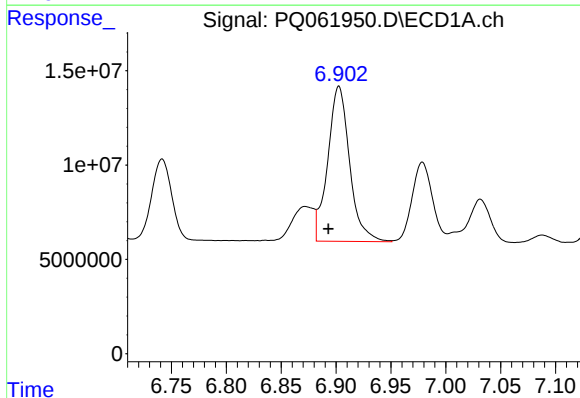
R.T.: 6.685 min
Delta R.T.: 0.009 min
Response: 95288969
Conc: 539.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



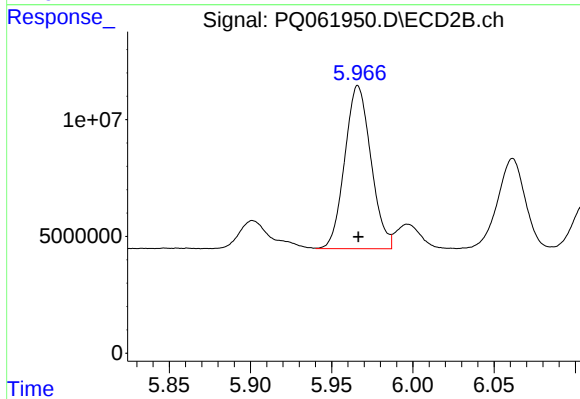
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 105318324
Conc: 541.32 ng/ml



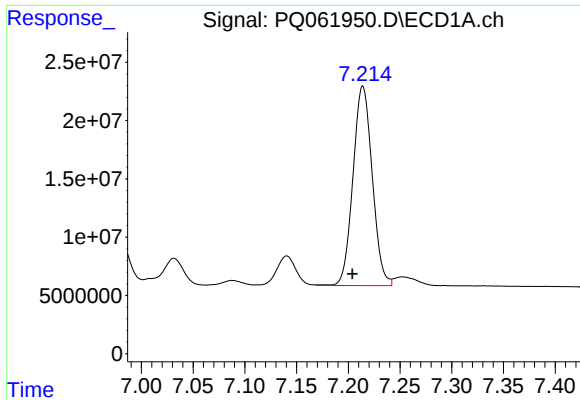
#34 AR-1260-4

R.T.: 6.903 min
Delta R.T.: 0.010 min
Response: 114162099
Conc: 541.95 ng/ml



#34 AR-1260-4

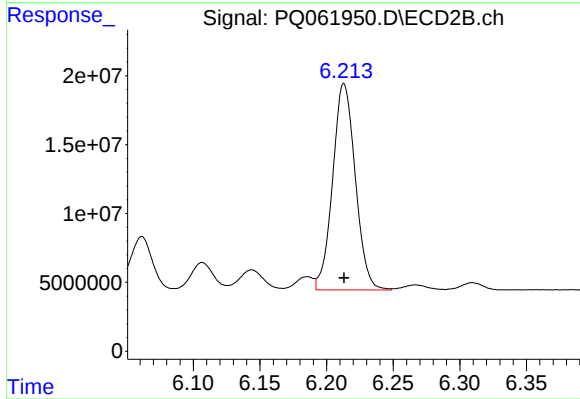
R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 78292275
Conc: 536.76 ng/ml



#35 AR-1260-5

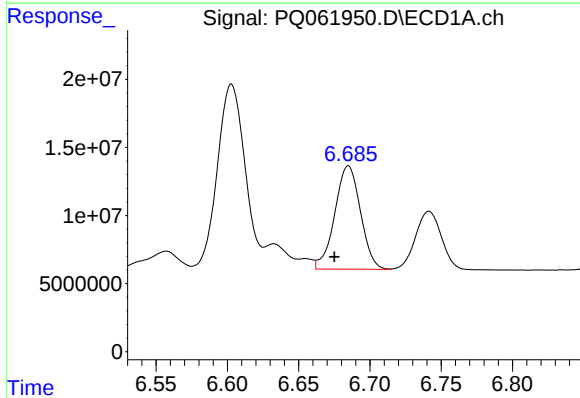
R.T.: 7.214 min
Delta R.T.: 0.010 min
Response: 221857335
Conc: 540.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



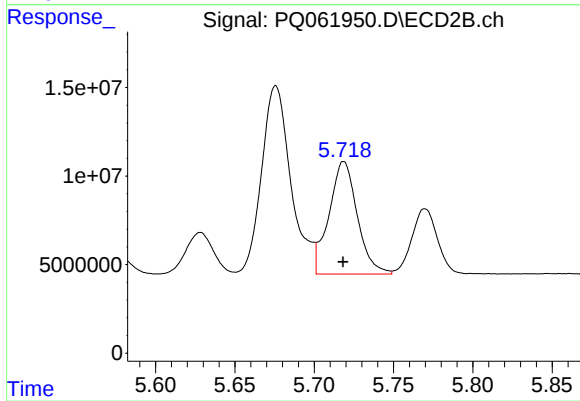
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 177392315
Conc: 534.22 ng/ml



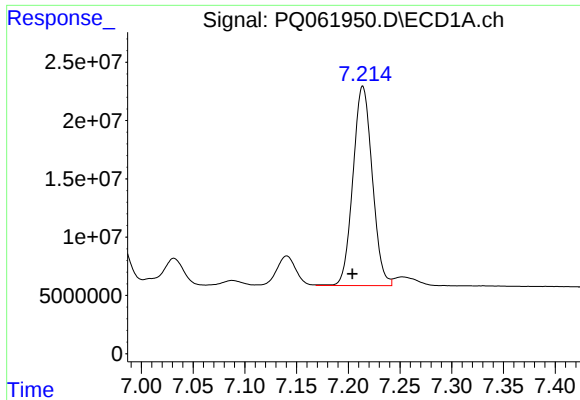
#36 AR-1262-1

R.T.: 6.685 min
Delta R.T.: 0.010 min
Response: 95288969
Conc: 312.48 ng/ml



#36 AR-1262-1

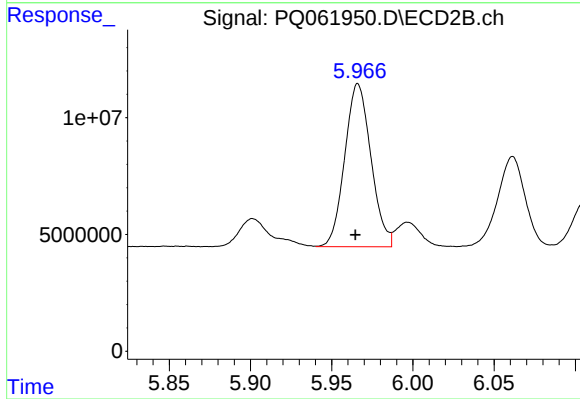
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 79030791
Conc: 339.96 ng/ml



#37 AR-1262-2

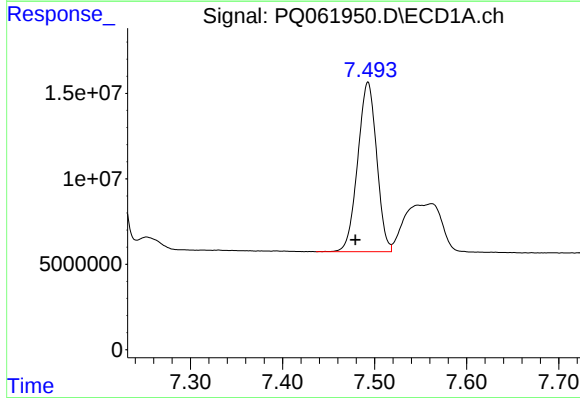
R.T.: 7.214 min
Delta R.T.: 0.010 min
Response: 221857335
Conc: 421.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



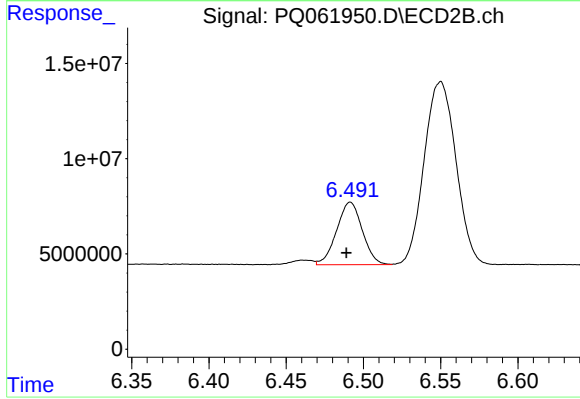
#37 AR-1262-2

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 78292275
Conc: 362.12 ng/ml



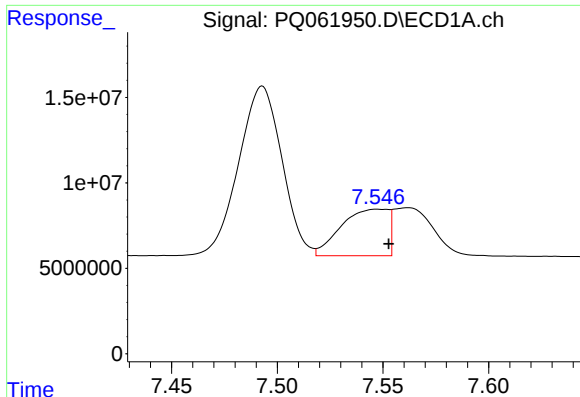
#38 AR-1262-3

R.T.: 7.493 min
Delta R.T.: 0.014 min
Response: 141714019
Conc: 402.25 ng/ml



#38 AR-1262-3

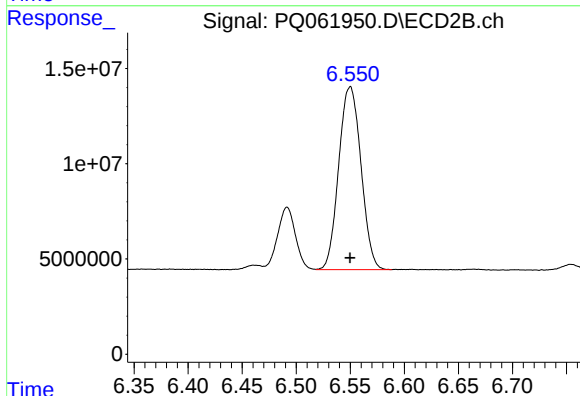
R.T.: 6.492 min
Delta R.T.: 0.003 min
Response: 37974398
Conc: 217.83 ng/ml



#39 AR-1262-4

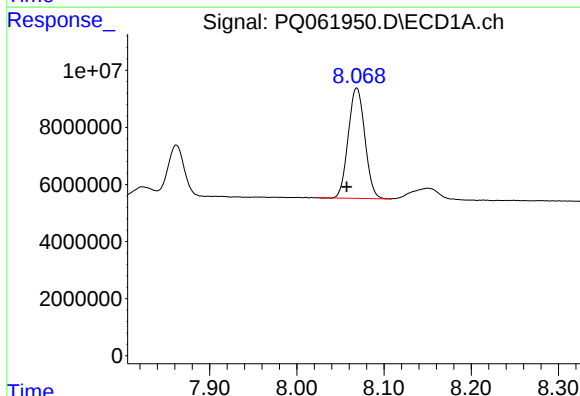
R.T.: 7.547 min
Delta R.T.: -0.006 min
Response: 42395258
Conc: 158.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



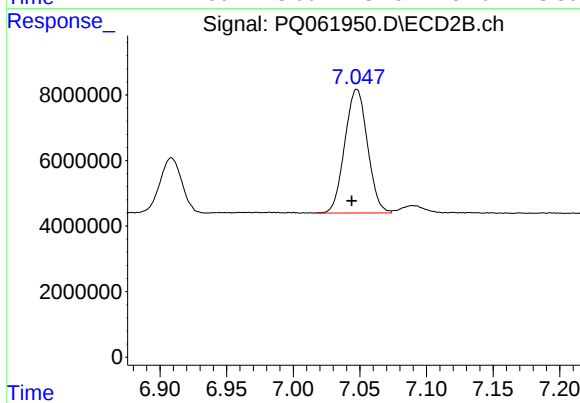
#39 AR-1262-4

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 137715668
Conc: 427.30 ng/ml



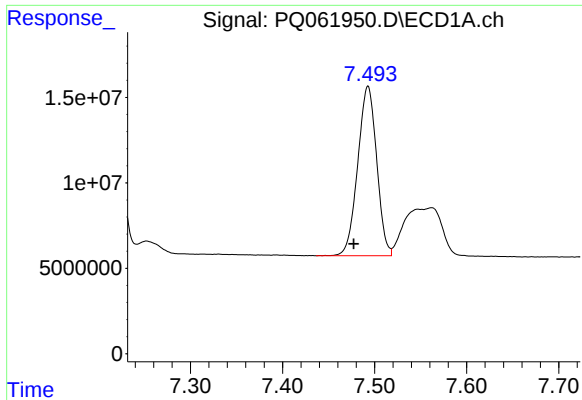
#40 AR-1262-5

R.T.: 8.069 min
Delta R.T.: 0.011 min
Response: 51329263
Conc: 289.16 ng/ml



#40 AR-1262-5

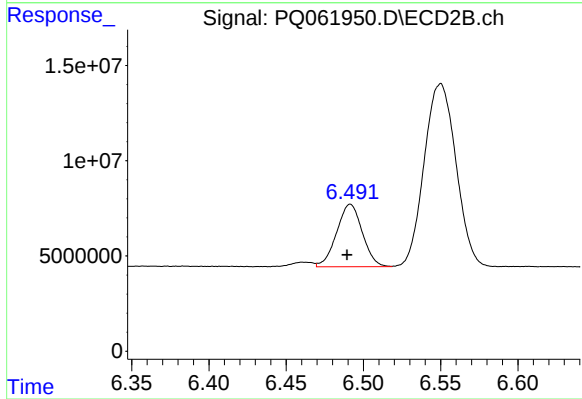
R.T.: 7.048 min
Delta R.T.: 0.004 min
Response: 44809846
Conc: 288.88 ng/ml



#41 AR-1268-1

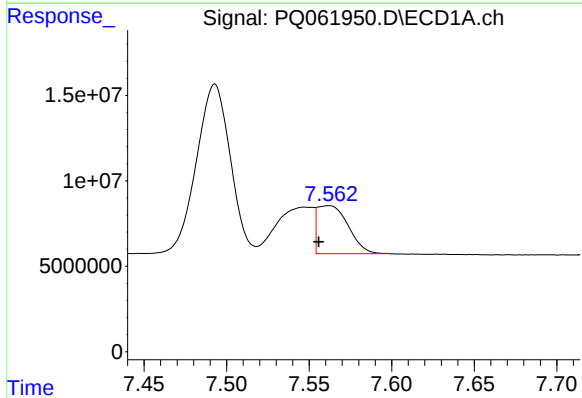
R.T.: 7.493 min
Delta R.T.: 0.016 min
Response: 141714019
Conc: 249.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



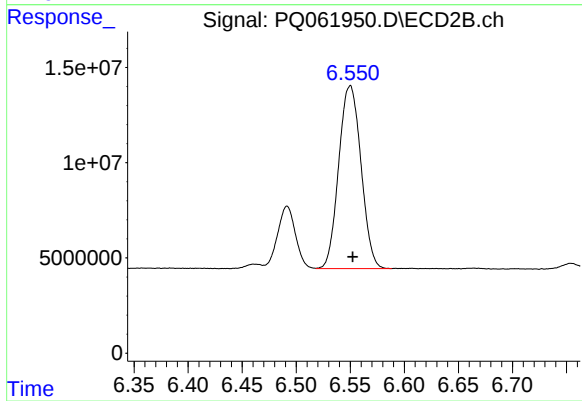
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: 0.002 min
Response: 37974398
Conc: 80.70 ng/ml



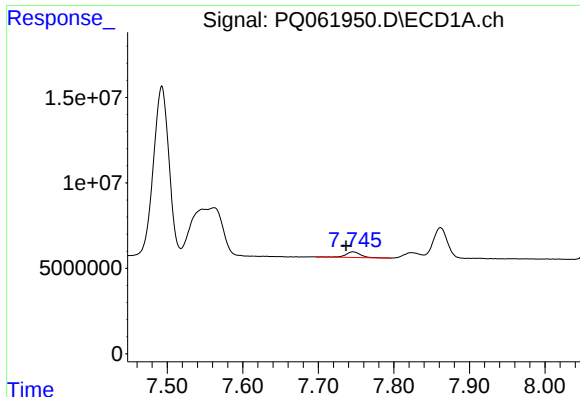
#42 AR-1268-2

R.T.: 7.562 min
Delta R.T.: 0.006 min
Response: 36432153
Conc: 71.45 ng/ml



#42 AR-1268-2

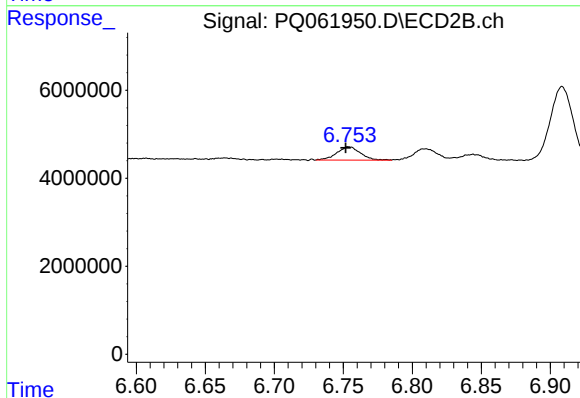
R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: 137715668
Conc: 325.03 ng/ml



#43 AR-1268-3

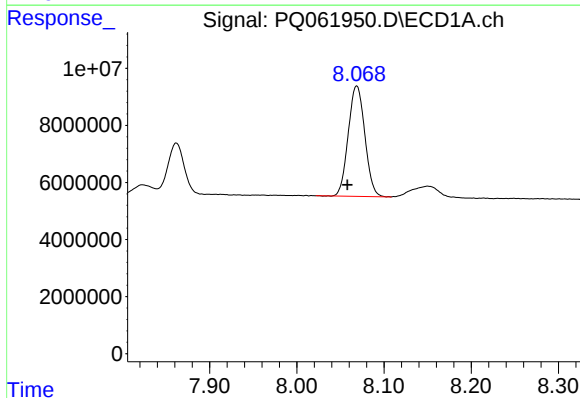
R.T.: 7.746 min
Delta R.T.: 0.009 min
Response: 4568825
Conc: 10.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



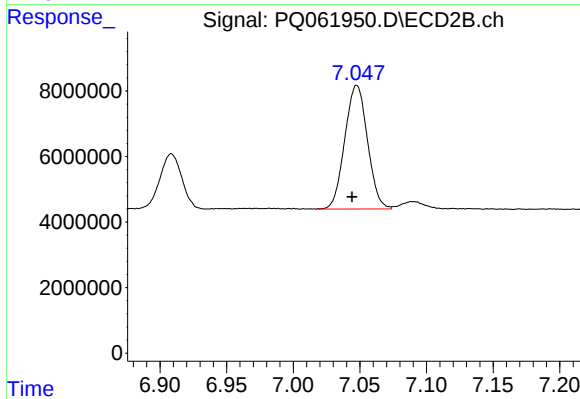
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: 0.002 min
Response: 3623556
Conc: 9.84 ng/ml



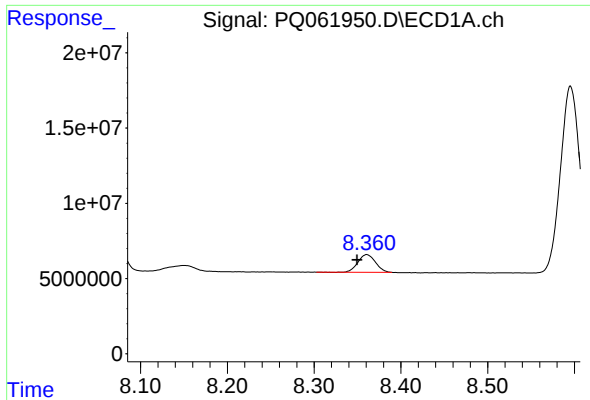
#44 AR-1268-4

R.T.: 8.069 min
Delta R.T.: 0.011 min
Response: 51329263
Conc: 280.51 ng/ml



#44 AR-1268-4

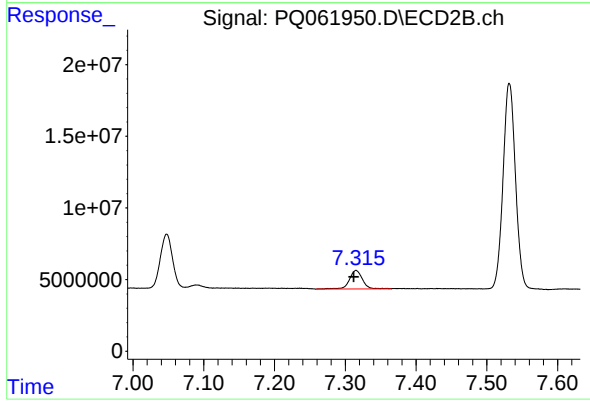
R.T.: 7.048 min
Delta R.T.: 0.003 min
Response: 44809846
Conc: 280.17 ng/ml



#45 AR-1268-5

R.T.: 8.361 min
Delta R.T.: 0.011 min
Response: 16608630
Conc: 13.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.315 min
Delta R.T.: 0.003 min
Response: 16950459
Conc: 14.53 ng/ml