

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082924\
 Data File : PQ068350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2024 17:46
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 02:16:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 02:08:25 2024
 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...	3.437	2.822	138.4E6	130.4E6	17.517	18.411
2)	SA Decachlor...	8.607	7.599	84338346	118.0E6	37.081	34.892
Target Compounds							
3)	L1 AR-1016-1	4.537	3.828	70118889	68646423	310.242	313.754
4)	L1 AR-1016-2	4.556	3.844	103.9E6	101.4E6	295.123	309.767
5)	L1 AR-1016-3	4.614	4.005	63303928	53310117	290.861	303.926
6)	L1 AR-1016-4	4.706	4.053	51411705	42446128	284.237	291.124
7)	L1 AR-1016-5	4.993	4.249	49932804	57380887	287.310	311.577
8)	L2 AR-1221-1	3.634	3.021	7314461	7604911	79.660	89.006
9)	L2 AR-1221-2	3.716	3.098	9517991	10233938	149.088	171.685
10)	L2 AR-1221-3	3.786	3.167	38793738	38786339	187.841	200.760
11)	L3 AR-1232-1	3.786	3.167	38793738	38786339	235.007	254.911
12)	L3 AR-1232-2	4.279	3.844	65359923	101.4E6	719.604	654.118
13)	L3 AR-1232-3	4.556	4.005	103.9E6	53310117	614.209	655.611
14)	L3 AR-1232-4	4.706	4.090	51411705	48377692	595.037	692.585
15)	L3 AR-1232-5	4.803	4.249	36825646	57380887	652.112	729.999
16)	L4 AR-1242-1	4.537	3.828	70118889	68646423	343.043	354.814
17)	L4 AR-1242-2	4.556	3.844	103.9E6	101.4E6	331.963	349.040
18)	L4 AR-1242-3	4.614	4.005	63303928	53310117	323.548	344.169
19)	L4 AR-1242-4	4.706	4.090	51411705	48377692	318.099	330.642
20)	L4 AR-1242-5	5.421	4.588	49086094	66945698	290.329	346.312
21)	L5 AR-1248-1	4.537	3.828	70118889	68646423	455.441	481.195
22)	L5 AR-1248-2	4.803	4.053	36825646	42446128	175.241	191.905
23)	L5 AR-1248-3	4.993	4.090	49932804	48377692	197.904	225.286
24)	L5 AR-1248-4	5.386	4.249	48523183	57380887	172.566	217.276 #
25)	L5 AR-1248-5	5.421	4.625	49086094	56259549	173.891	212.656
26)	L6 AR-1254-1	5.358	4.588	39018444	66945698	141.040	170.379
27)	L6 AR-1254-2	5.572	4.734	50486934	16260383	118.230	47.385 #
28)	L6 AR-1254-3	5.929	5.116	32498826	20735746	72.358	38.309 #
29)	L6 AR-1254-4	6.213	5.344	34894581	15983148	109.145	47.385 #
30)	L6 AR-1254-5	6.625	5.750	2500210	3349252	7.211	6.874
31)	L7 AR-1260-1	6.103	5.250	23467626	12903415	71.114	35.478 #
32)	L7 AR-1260-2	6.350	5.441	1853670	2569309	4.919	5.854
33)	L7 AR-1260-3	0.000	5.573	0	1234557	N.D.	2.864 #
34)	L7 AR-1260-4	6.909	6.074	47580512	3389819	155.839	9.982 #
35)	L7 AR-1260-5	7.189f	6.275	20481106	306122	35.093	0.386 #
36)	L8 AR-1262-1	0.000	5.779	0	770949	N.D.	1.498 #
37)	L8 AR-1262-2	7.189f	6.275	20481106	306122	29.988	0.340 #
38)	L8 AR-1262-3	7.508	6.553	671328	1636288	1.517	4.764 #
40)	L8 AR-1262-5	8.061	0.000	183302	0	0.873	N.D. #
41)	L9 AR-1268-1	7.508	6.553	671328	1636288	0.874	1.643 #
43)	L9 AR-1268-3	7.783	0.000	4568257	0	7.906	N.D. #

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Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Aug 30 02:16:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082724CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 02:08:25 2024
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
44)	L9 AR-1268-4	8.061	0.000	183302	0	0.795	N.D. #
45)	L9 AR-1268-5	8.395	7.446f	2464132	6546592	1.516	2.710 #

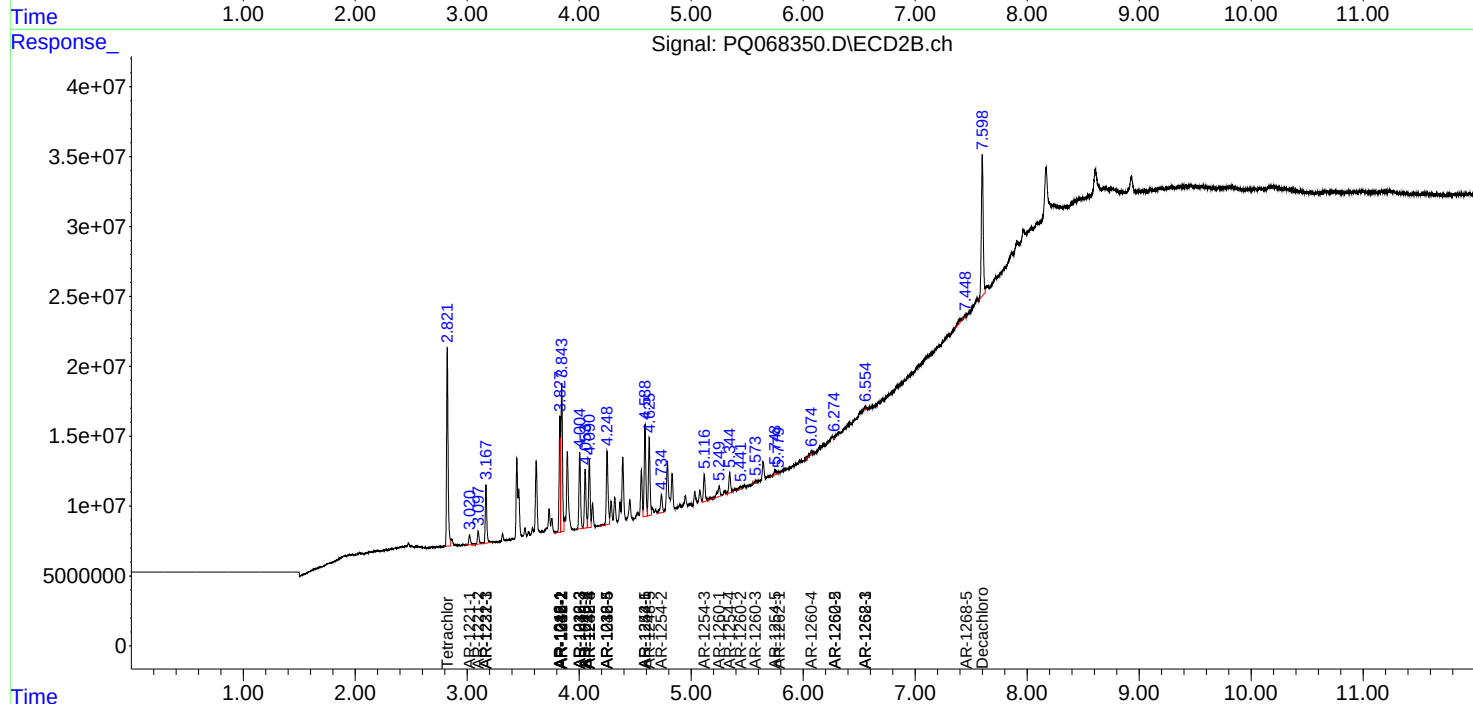
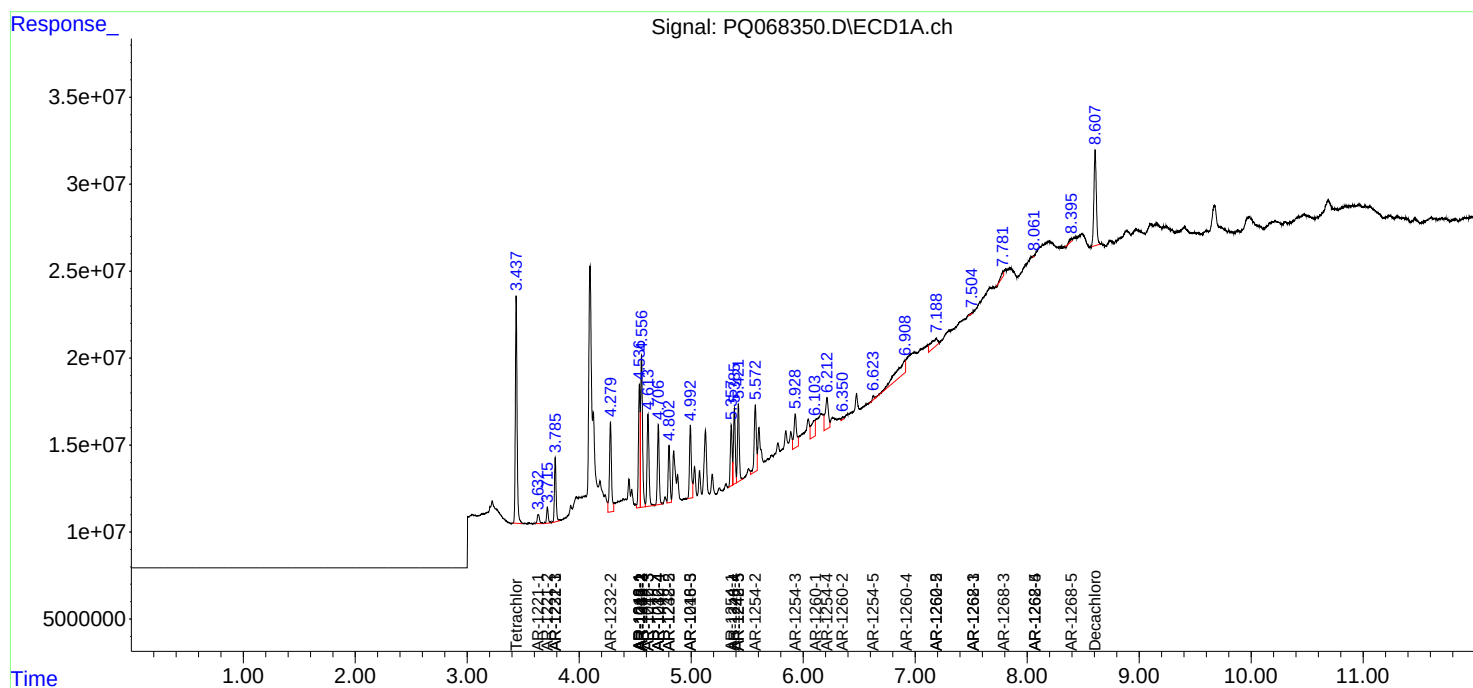
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

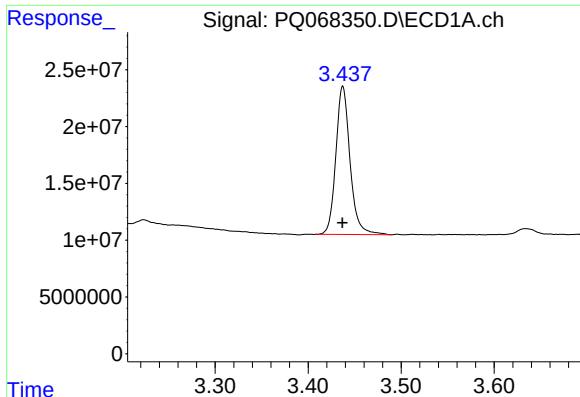
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082924\
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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

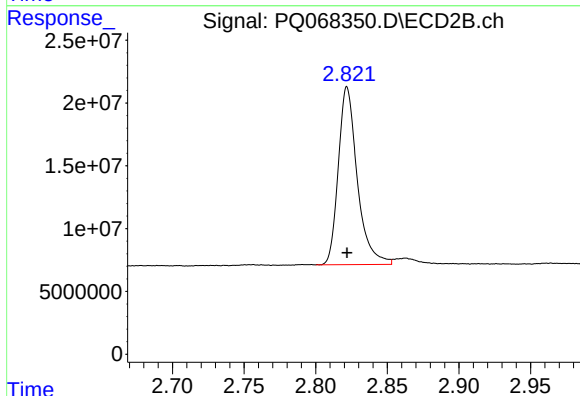




#1 Tetrachloro-m-xylene

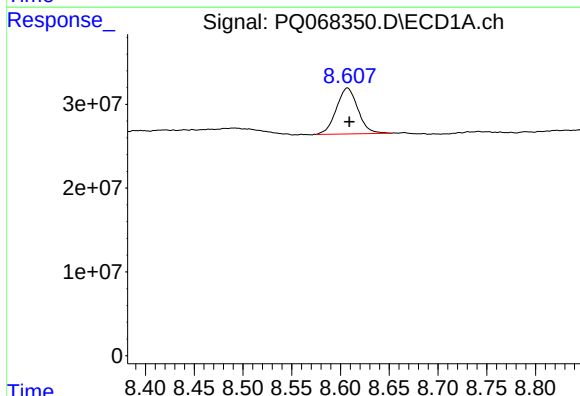
R.T.: 3.437 min
Delta R.T.: 0.000 min
Response: 138391335
Conc: 17.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



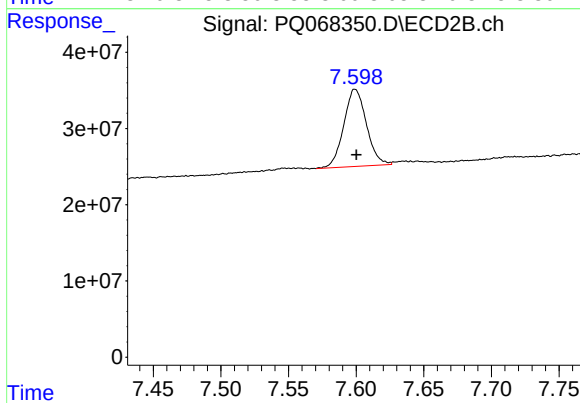
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: 0.000 min
Response: 130398505
Conc: 18.41 ng/ml



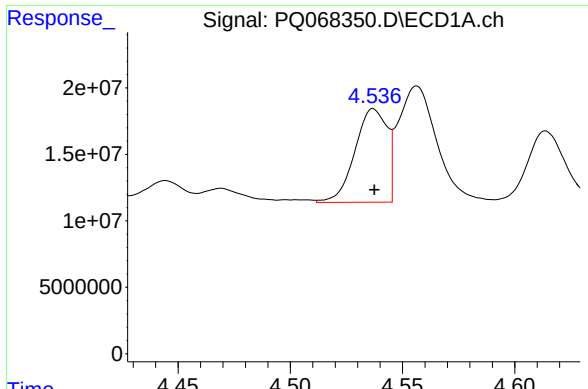
#2 Decachlorobiphenyl

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 84338346
Conc: 37.08 ng/ml



#2 Decachlorobiphenyl

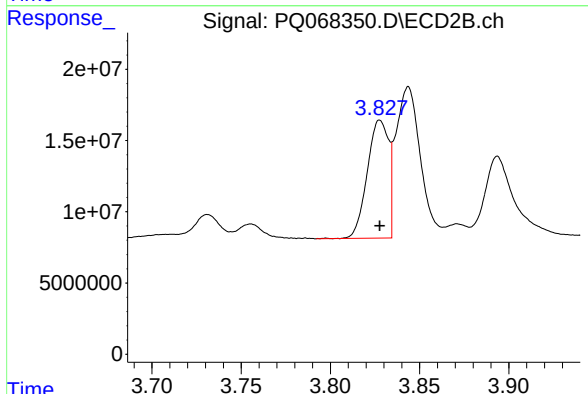
R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 118004967
Conc: 34.89 ng/ml



#3 AR-1016-1

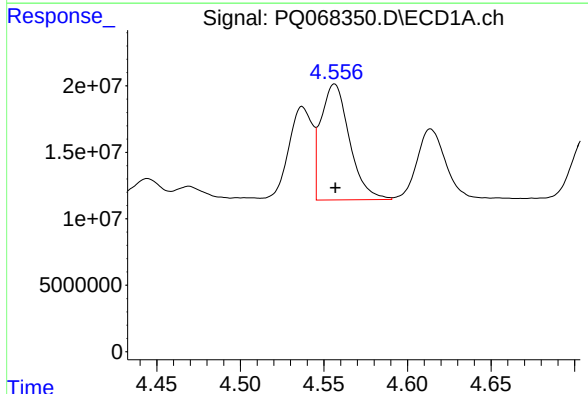
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 70118889
Conc: 310.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



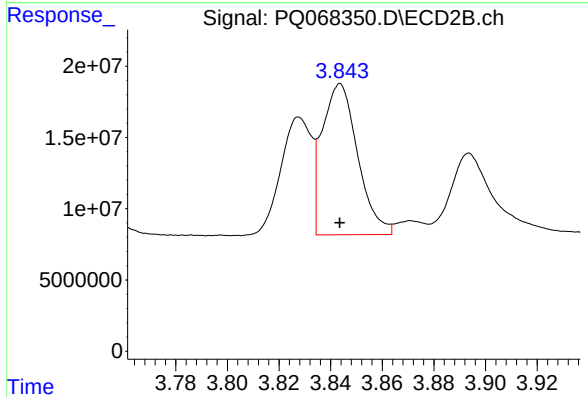
#3 AR-1016-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 68646423
Conc: 313.75 ng/ml



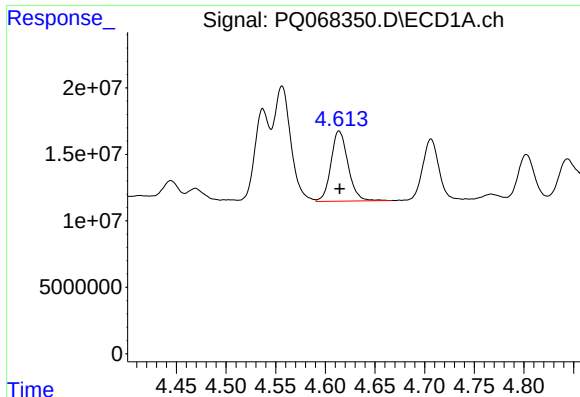
#4 AR-1016-2

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 103871807
Conc: 295.12 ng/ml



#4 AR-1016-2

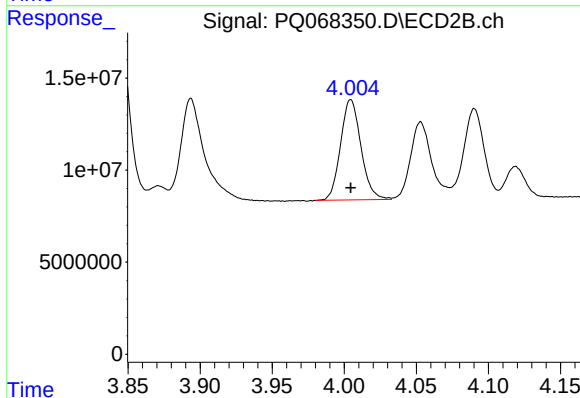
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 101439333
Conc: 309.77 ng/ml



#5 AR-1016-3

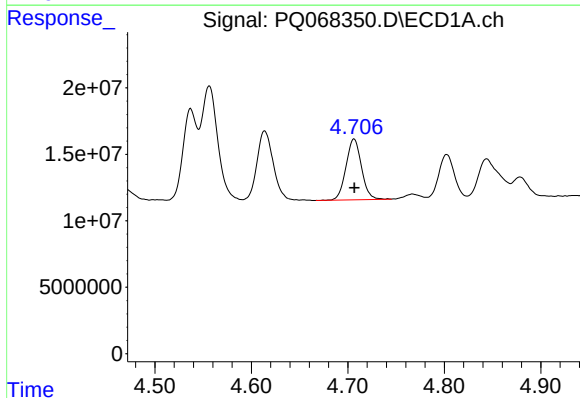
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 63303928
Conc: 290.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



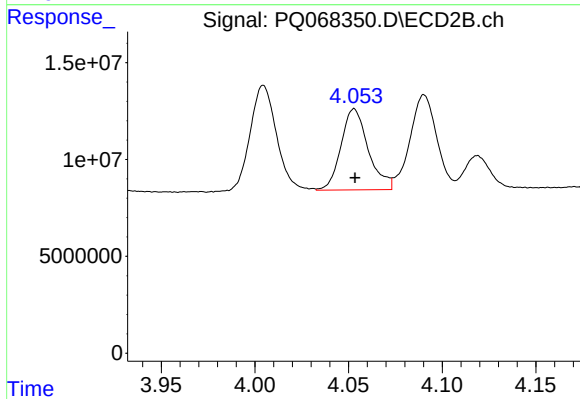
#5 AR-1016-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 53310117
Conc: 303.93 ng/ml



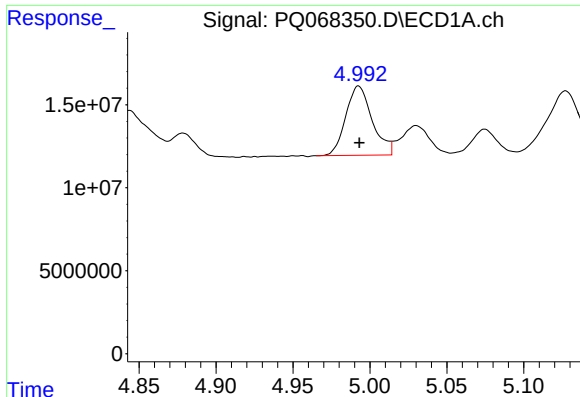
#6 AR-1016-4

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 51411705
Conc: 284.24 ng/ml



#6 AR-1016-4

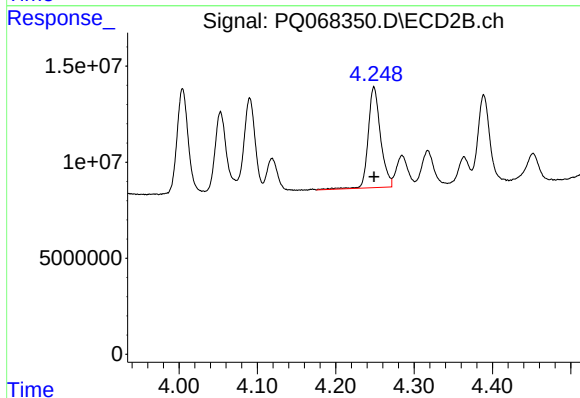
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 42446128
Conc: 291.12 ng/ml



#7 AR-1016-5

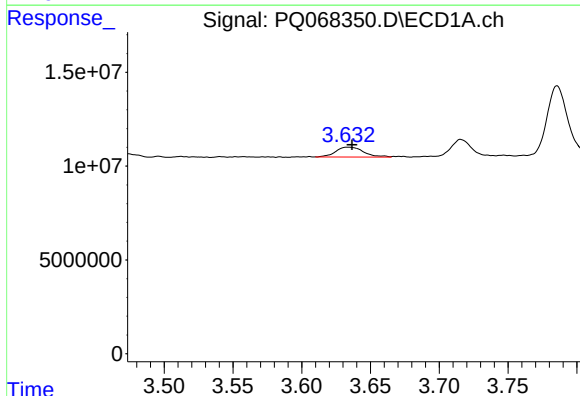
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 49932804
Conc: 287.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



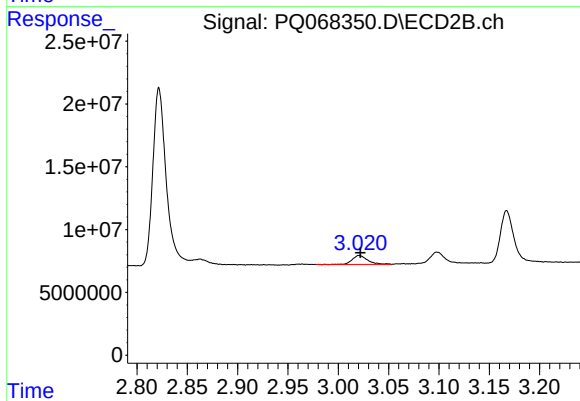
#7 AR-1016-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 57380887
Conc: 311.58 ng/ml



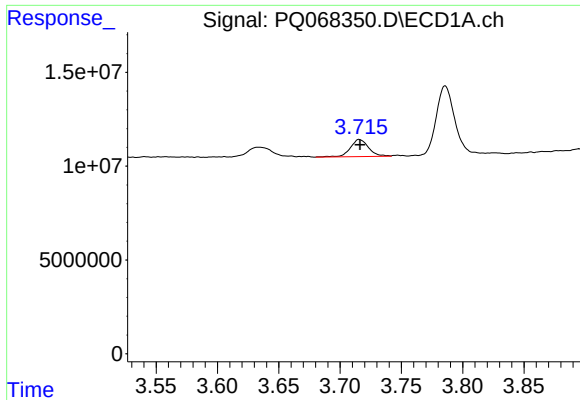
#8 AR-1221-1

R.T.: 3.634 min
Delta R.T.: -0.003 min
Response: 7314461
Conc: 79.66 ng/ml



#8 AR-1221-1

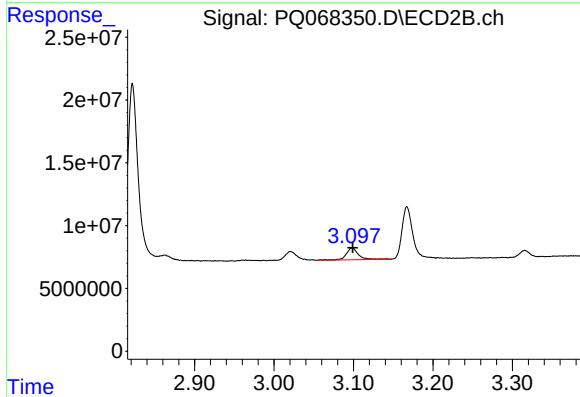
R.T.: 3.021 min
Delta R.T.: 0.000 min
Response: 7604911
Conc: 89.01 ng/ml



#9 AR-1221-2

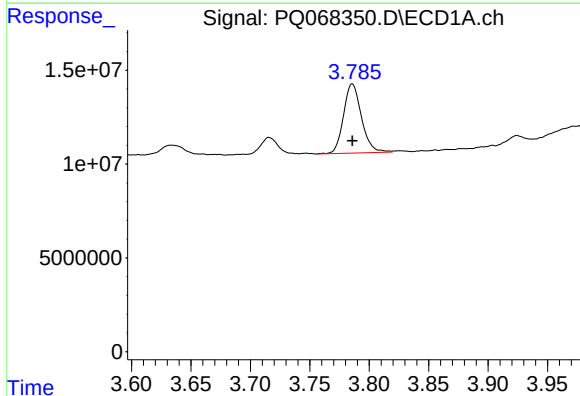
R.T.: 3.716 min
Delta R.T.: 0.000 min
Response: 9517991
Conc: 149.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



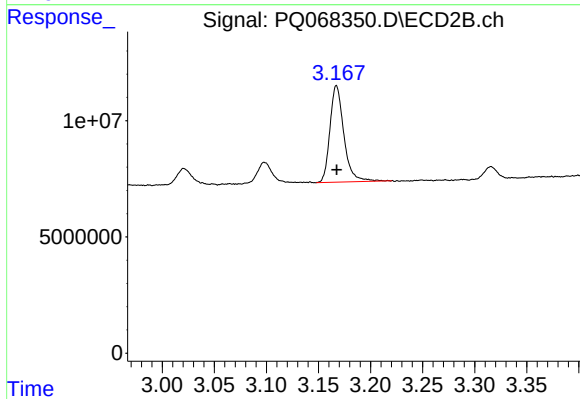
#9 AR-1221-2

R.T.: 3.098 min
Delta R.T.: 0.000 min
Response: 10233938
Conc: 171.69 ng/ml



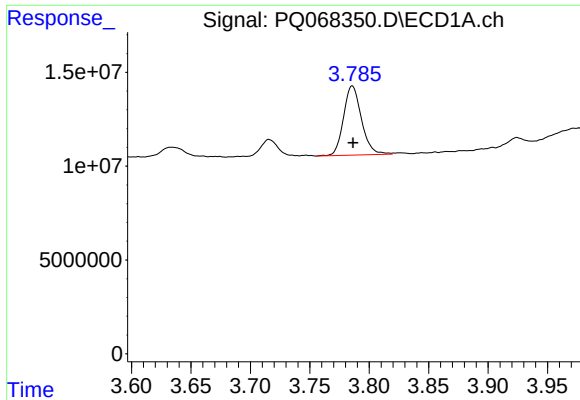
#10 AR-1221-3

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 38793738
Conc: 187.84 ng/ml



#10 AR-1221-3

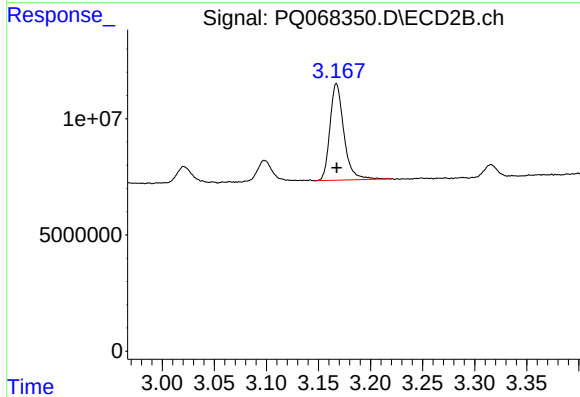
R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 38786339
Conc: 200.76 ng/ml



#11 AR-1232-1

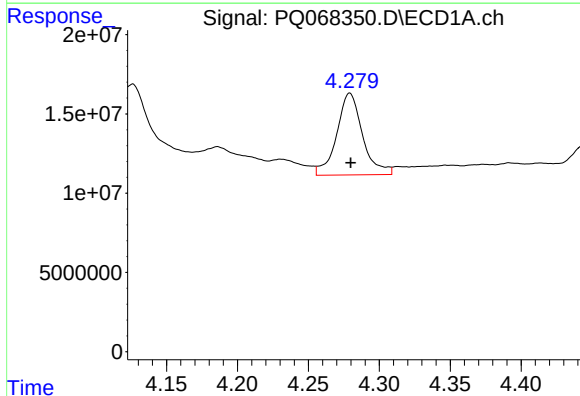
R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 38793738
Conc: 235.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



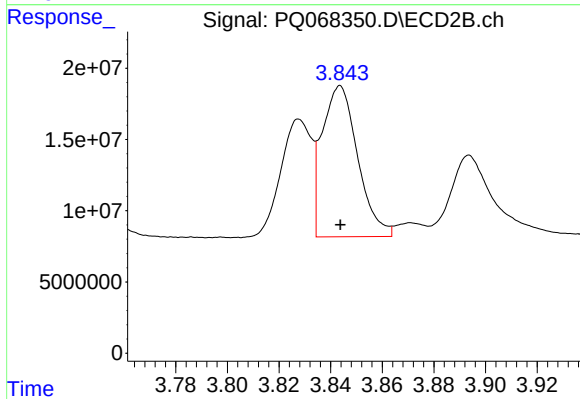
#11 AR-1232-1

R.T.: 3.167 min
Delta R.T.: 0.000 min
Response: 38786339
Conc: 254.91 ng/ml



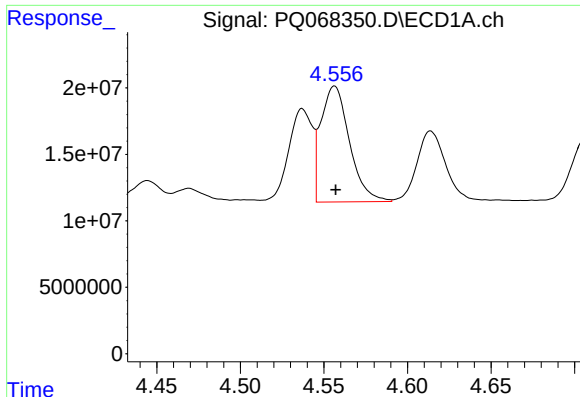
#12 AR-1232-2

R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 65359923
Conc: 719.60 ng/ml



#12 AR-1232-2

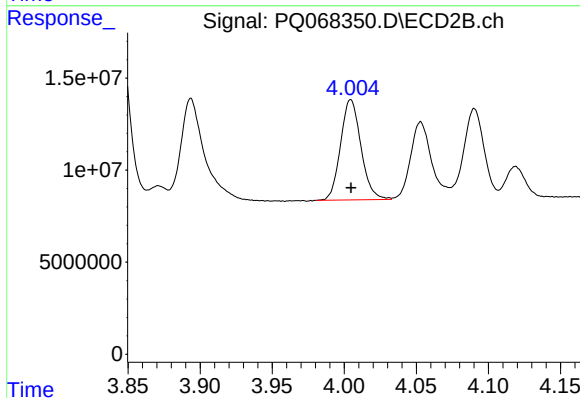
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 101439333
Conc: 654.12 ng/ml



#13 AR-1232-3

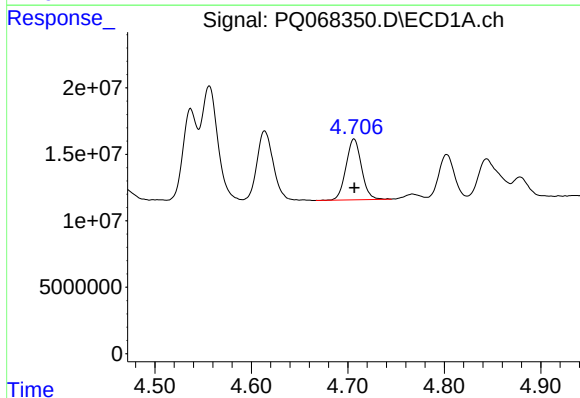
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 103871807
Conc: 614.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



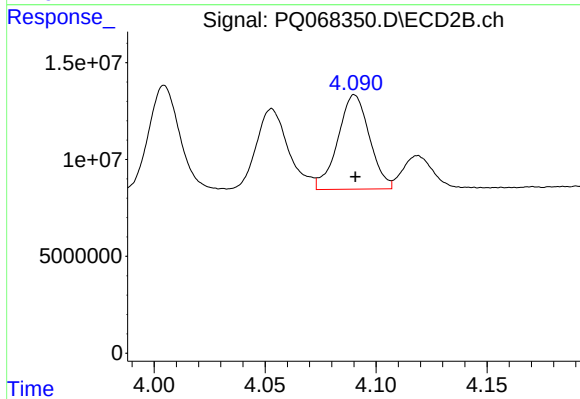
#13 AR-1232-3

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 53310117
Conc: 655.61 ng/ml



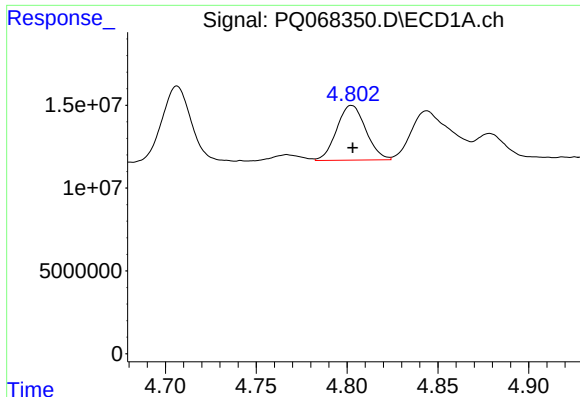
#14 AR-1232-4

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 51411705
Conc: 595.04 ng/ml



#14 AR-1232-4

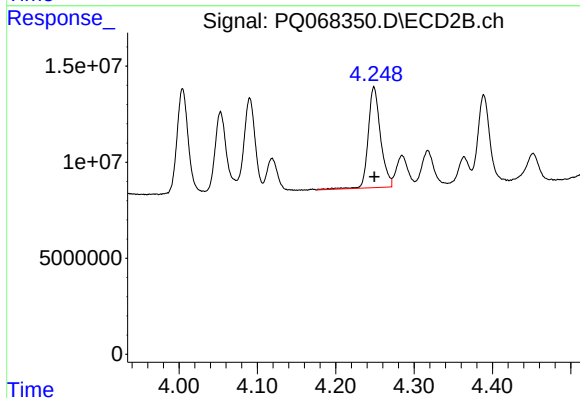
R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 48377692
Conc: 692.58 ng/ml



#15 AR-1232-5

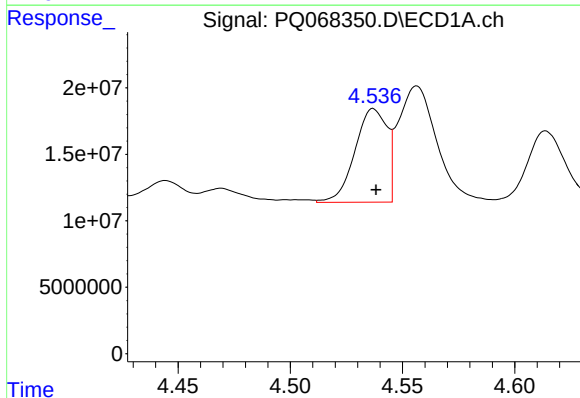
R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 36825646
Conc: 652.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



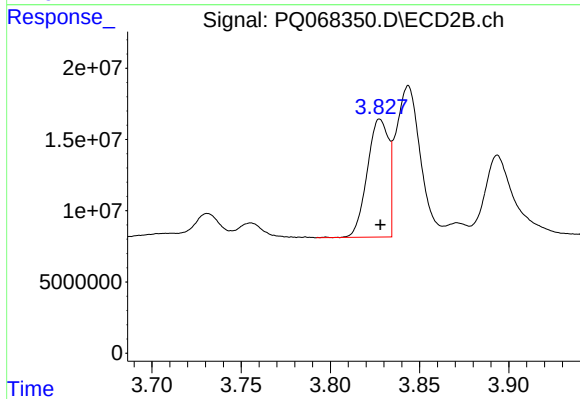
#15 AR-1232-5

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 57380887
Conc: 730.00 ng/ml



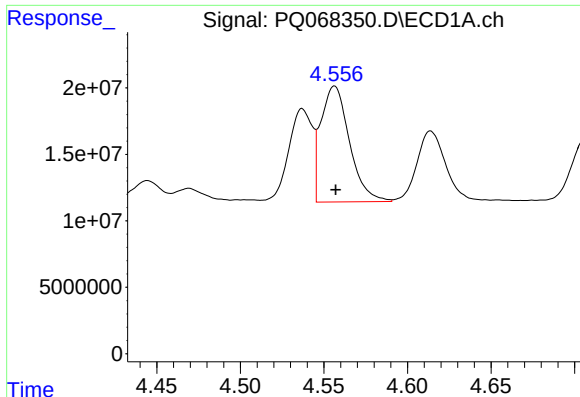
#16 AR-1242-1

R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 70118889
Conc: 343.04 ng/ml



#16 AR-1242-1

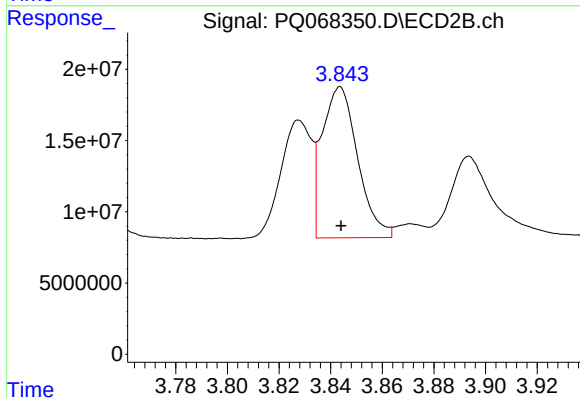
R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 68646423
Conc: 354.81 ng/ml



#17 AR-1242-2

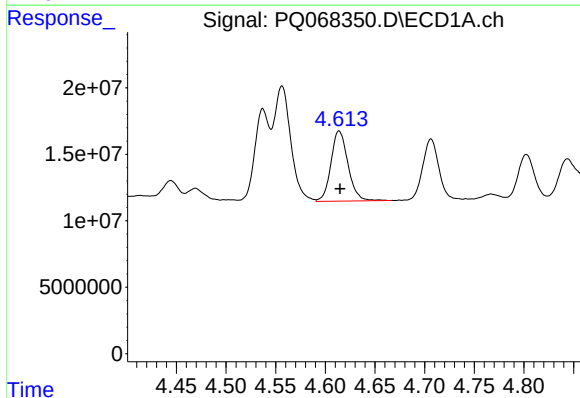
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 103871807
Conc: 331.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



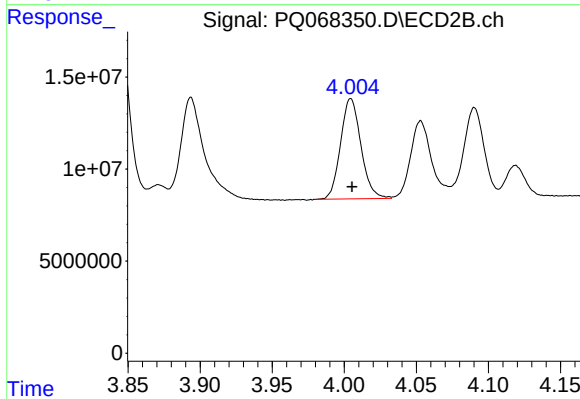
#17 AR-1242-2

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 101439333
Conc: 349.04 ng/ml



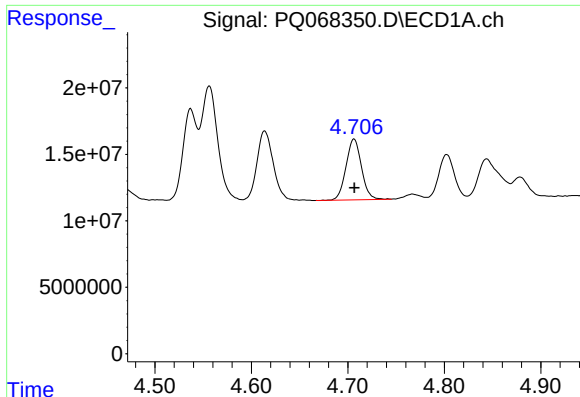
#18 AR-1242-3

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 63303928
Conc: 323.55 ng/ml



#18 AR-1242-3

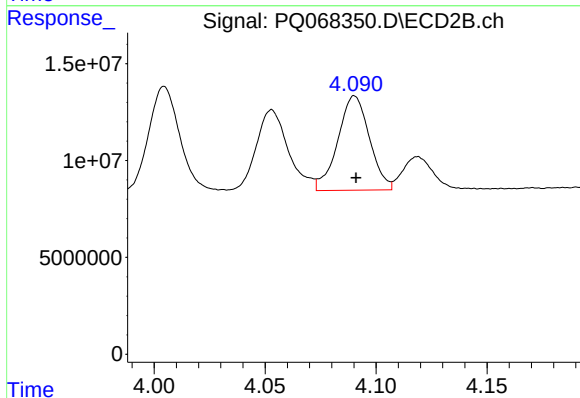
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 53310117
Conc: 344.17 ng/ml



#19 AR-1242-4

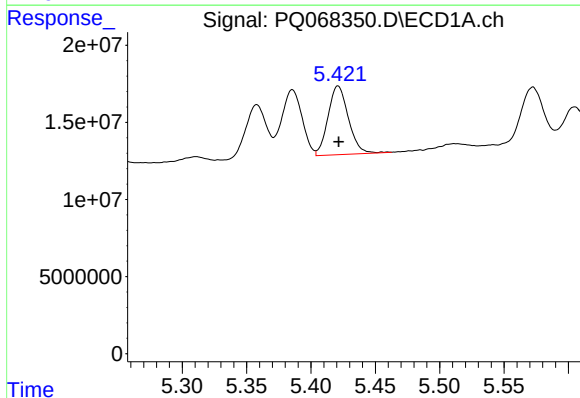
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 51411705
Conc: 318.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



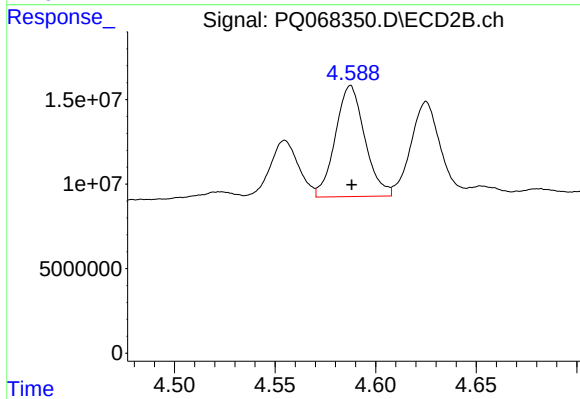
#19 AR-1242-4

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 48377692
Conc: 330.64 ng/ml



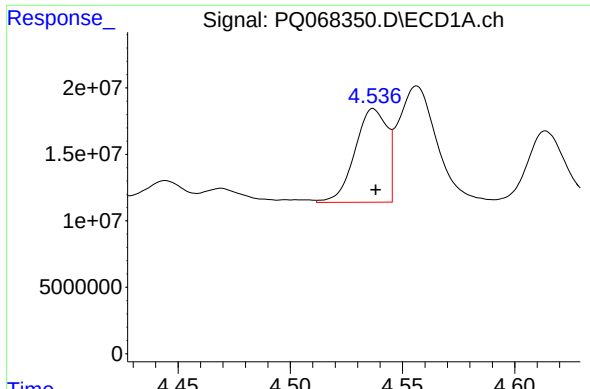
#20 AR-1242-5

R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 49086094
Conc: 290.33 ng/ml



#20 AR-1242-5

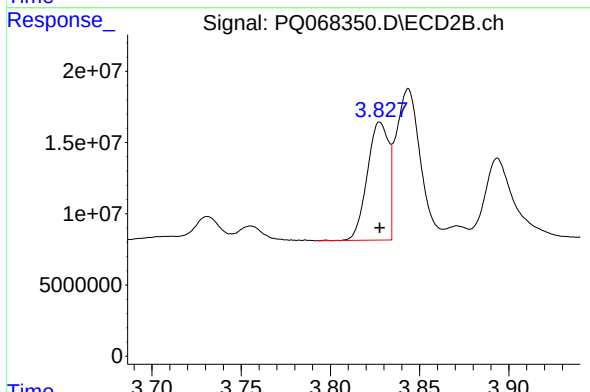
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 66945698
Conc: 346.31 ng/ml



#21 AR-1248-1

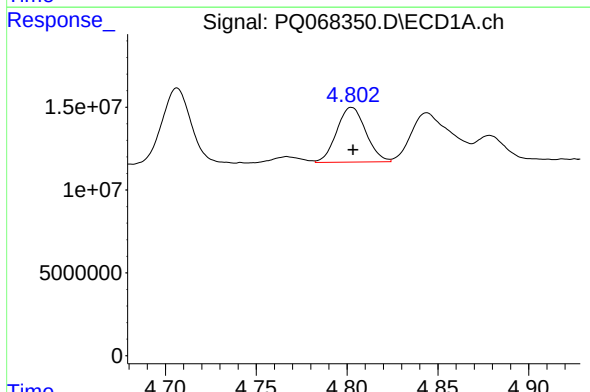
R.T.: 4.537 min
Delta R.T.: -0.001 min
Response: 70118889
Conc: 455.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



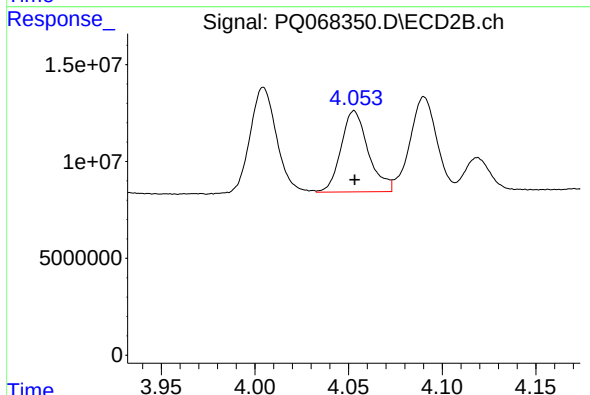
#21 AR-1248-1

R.T.: 3.828 min
Delta R.T.: 0.000 min
Response: 68646423
Conc: 481.20 ng/ml



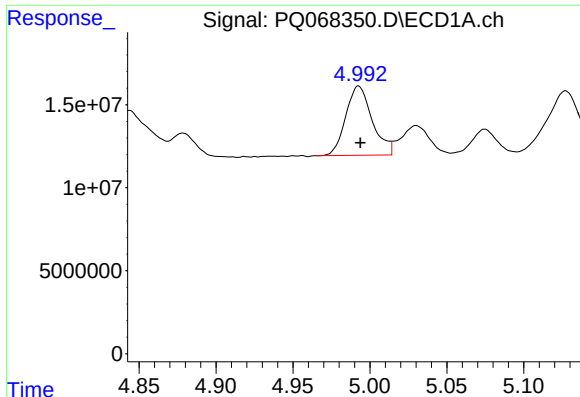
#22 AR-1248-2

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 36825646
Conc: 175.24 ng/ml



#22 AR-1248-2

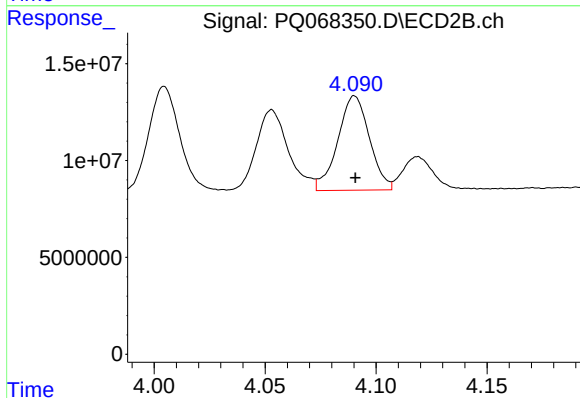
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 42446128
Conc: 191.90 ng/ml



#23 AR-1248-3

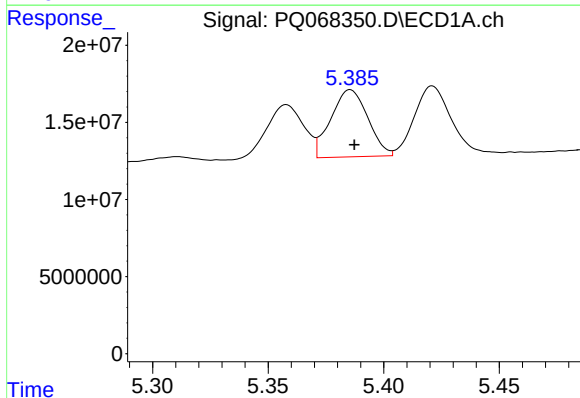
R.T.: 4.993 min
Delta R.T.: -0.001 min
Response: 49932804
Conc: 197.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



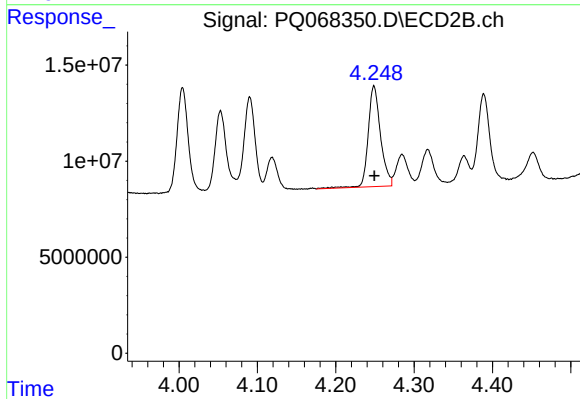
#23 AR-1248-3

R.T.: 4.090 min
Delta R.T.: 0.000 min
Response: 48377692
Conc: 225.29 ng/ml



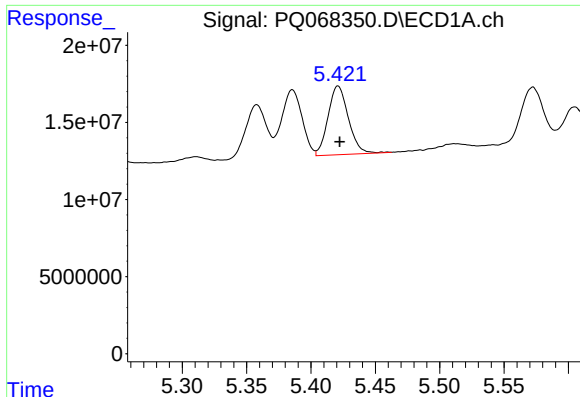
#24 AR-1248-4

R.T.: 5.386 min
Delta R.T.: -0.002 min
Response: 48523183
Conc: 172.57 ng/ml



#24 AR-1248-4

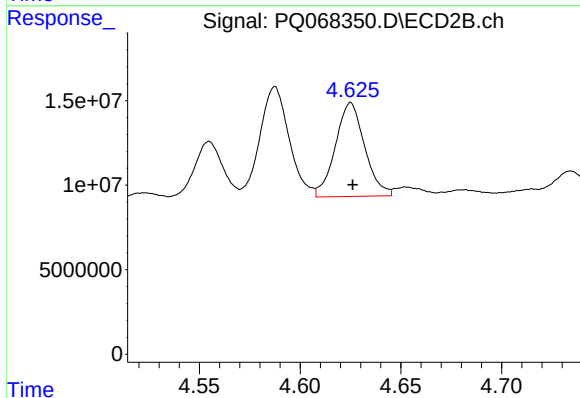
R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 57380887
Conc: 217.28 ng/ml



#25 AR-1248-5

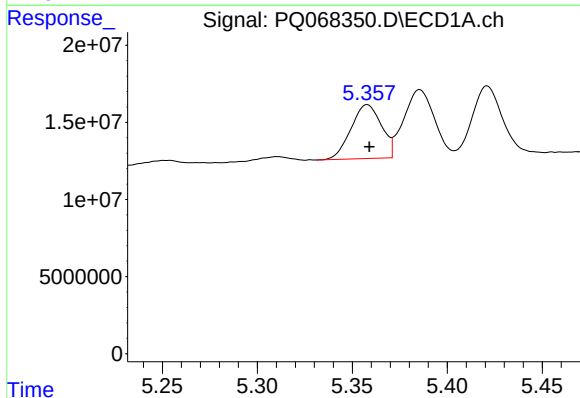
R.T.: 5.421 min
Delta R.T.: -0.001 min
Response: 49086094
Conc: 173.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



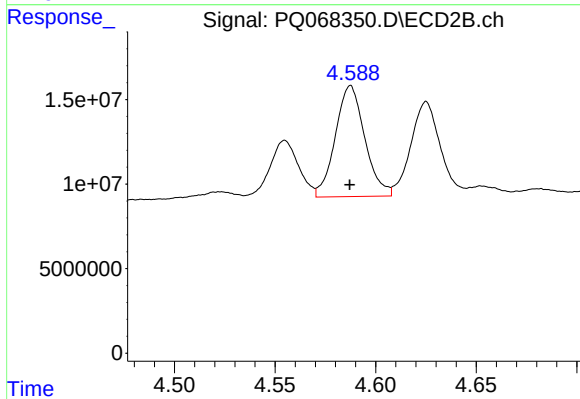
#25 AR-1248-5

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 56259549
Conc: 212.66 ng/ml



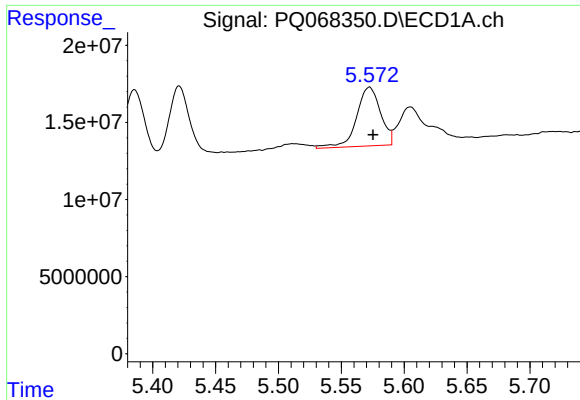
#26 AR-1254-1

R.T.: 5.358 min
Delta R.T.: -0.001 min
Response: 39018444
Conc: 141.04 ng/ml



#26 AR-1254-1

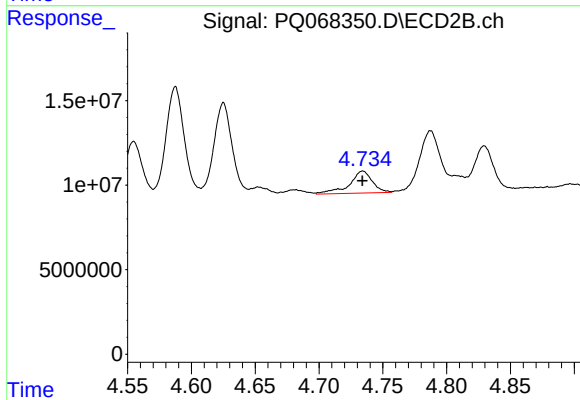
R.T.: 4.588 min
Delta R.T.: 0.000 min
Response: 66945698
Conc: 170.38 ng/ml



#27 AR-1254-2

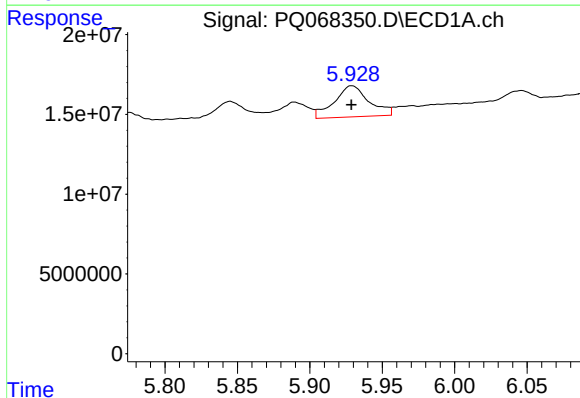
R.T.: 5.572 min
Delta R.T.: -0.003 min
Response: 50486934
Conc: 118.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



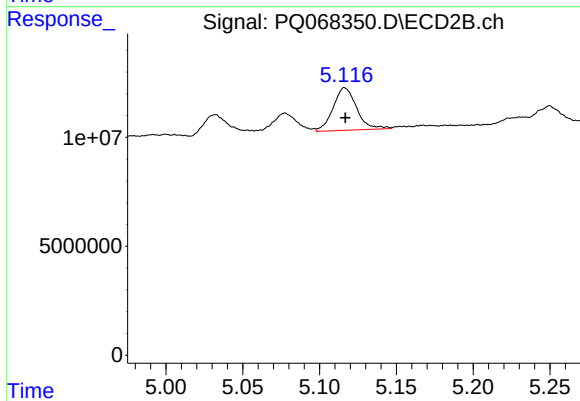
#27 AR-1254-2

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 16260383
Conc: 47.38 ng/ml



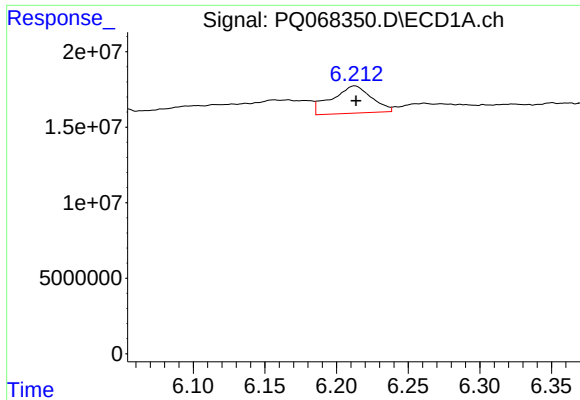
#28 AR-1254-3

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 32498826
Conc: 72.36 ng/ml



#28 AR-1254-3

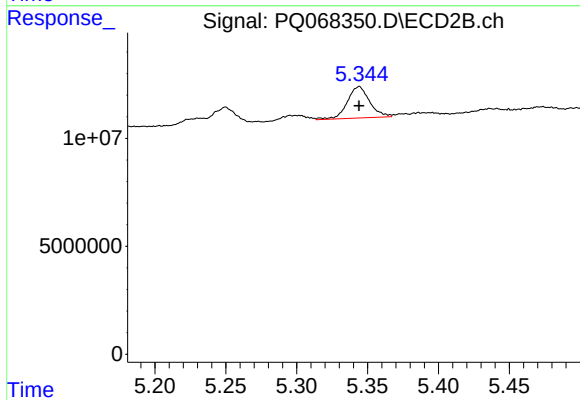
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 20735746
Conc: 38.31 ng/ml



#29 AR-1254-4

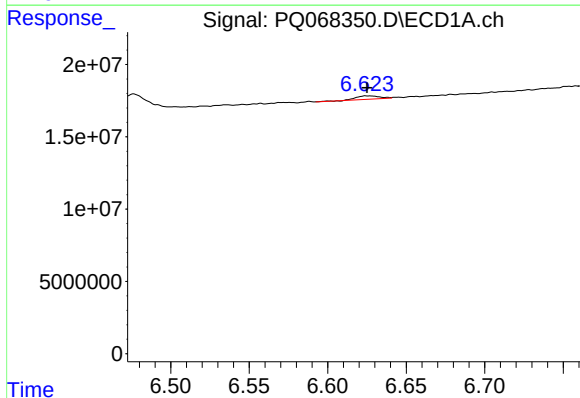
R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 34894581
Conc: 109.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



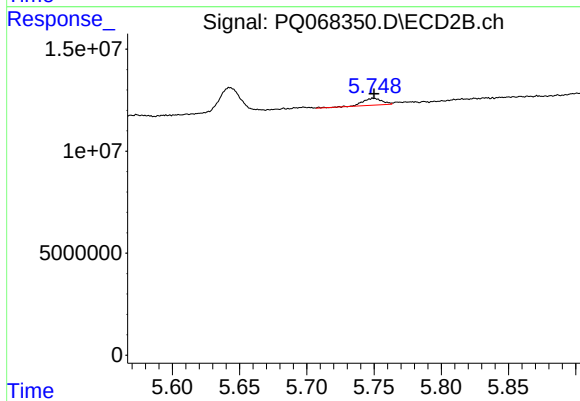
#29 AR-1254-4

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 15983148
Conc: 47.38 ng/ml



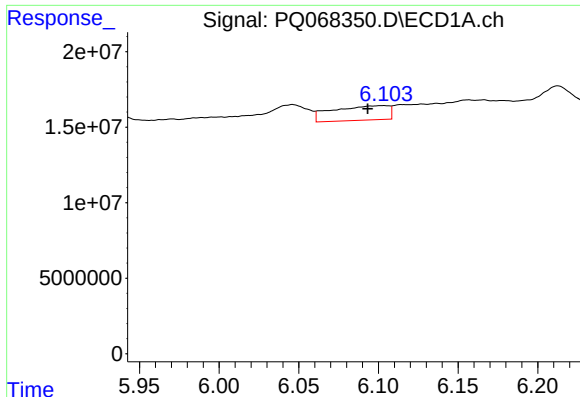
#30 AR-1254-5

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 2500210
Conc: 7.21 ng/ml



#30 AR-1254-5

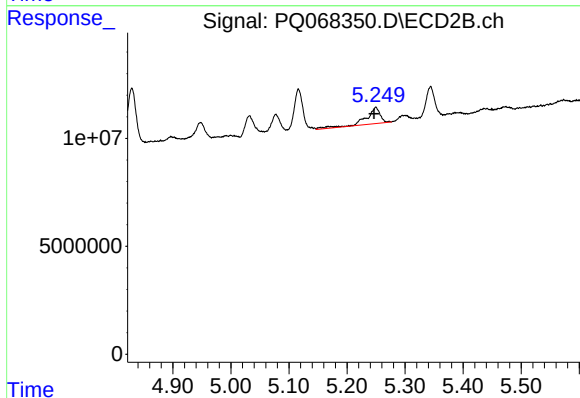
R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 3349252
Conc: 6.87 ng/ml



#31 AR-1260-1

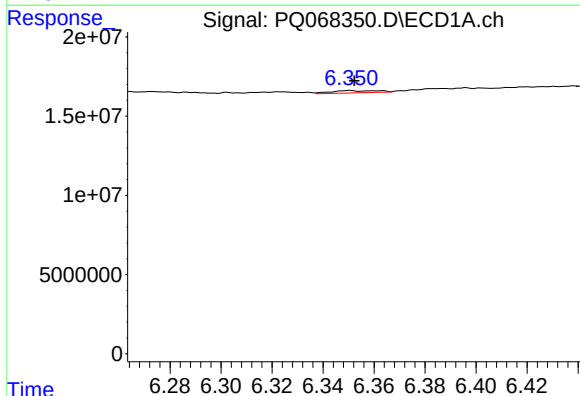
R.T.: 6.103 min
Delta R.T.: 0.009 min
Response: 23467626
Conc: 71.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



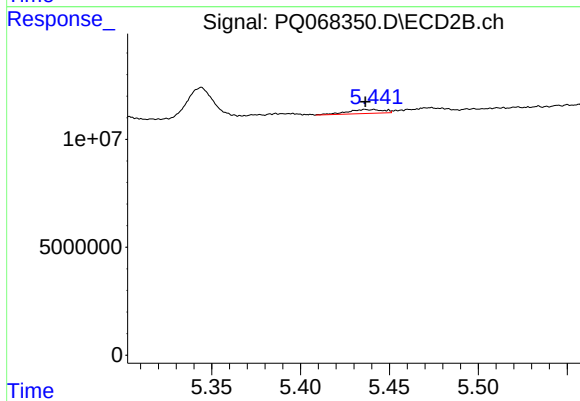
#31 AR-1260-1

R.T.: 5.250 min
Delta R.T.: 0.003 min
Response: 12903415
Conc: 35.48 ng/ml



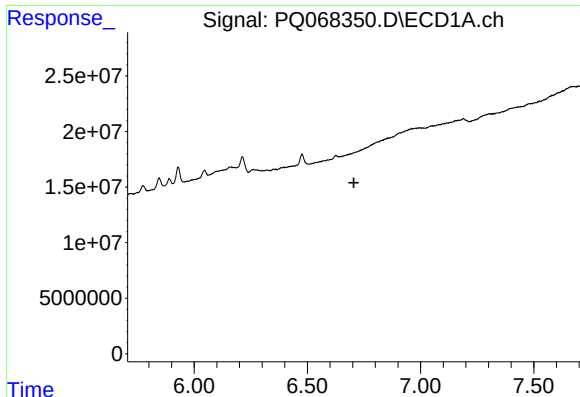
#32 AR-1260-2

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 1853670
Conc: 4.92 ng/ml



#32 AR-1260-2

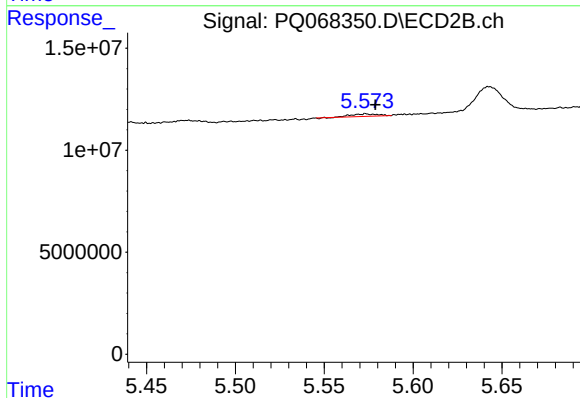
R.T.: 5.441 min
Delta R.T.: 0.005 min
Response: 2569309
Conc: 5.85 ng/ml



#33 AR-1260-3

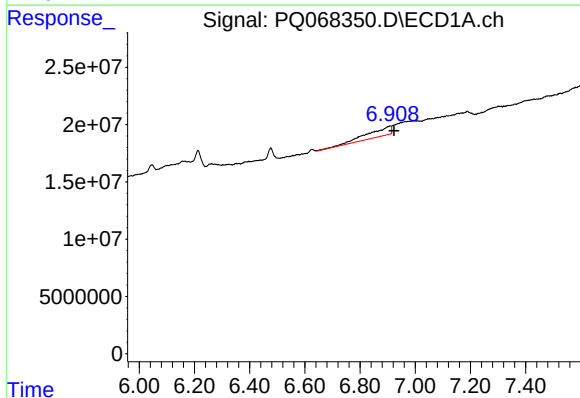
R.T.: 0.000 min
Exp R.T.: 6.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



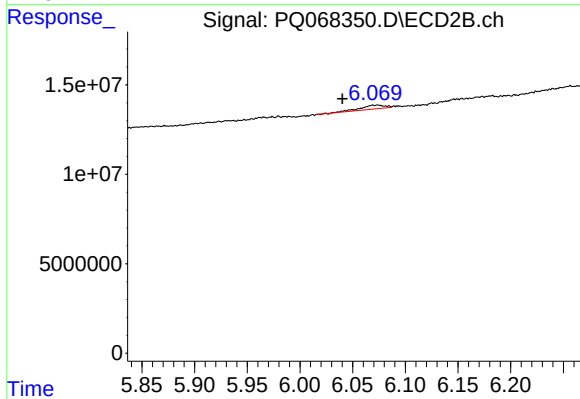
#33 AR-1260-3

R.T.: 5.573 min
Delta R.T.: -0.005 min
Response: 1234557
Conc: 2.86 ng/ml



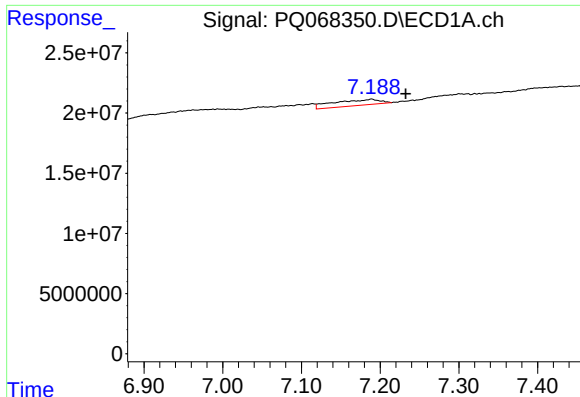
#34 AR-1260-4

R.T.: 6.909 min
Delta R.T.: -0.014 min
Response: 47580512
Conc: 155.84 ng/ml



#34 AR-1260-4

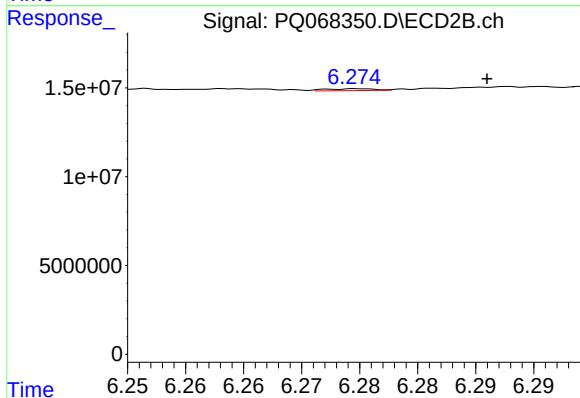
R.T.: 6.074 min
Delta R.T.: 0.034 min
Response: 3389819
Conc: 9.98 ng/ml



#35 AR-1260-5

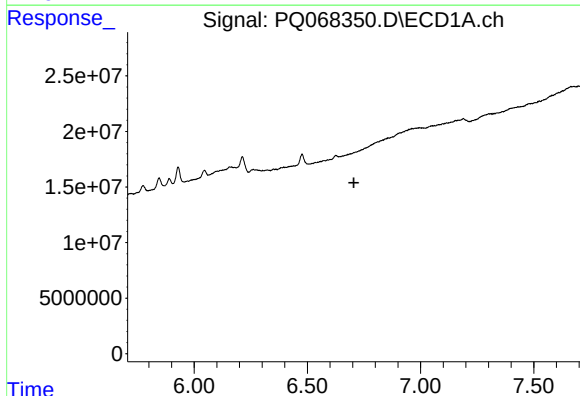
R.T.: 7.189 min
Delta R.T.: -0.044 min
Response: 20481106
Conc: 35.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



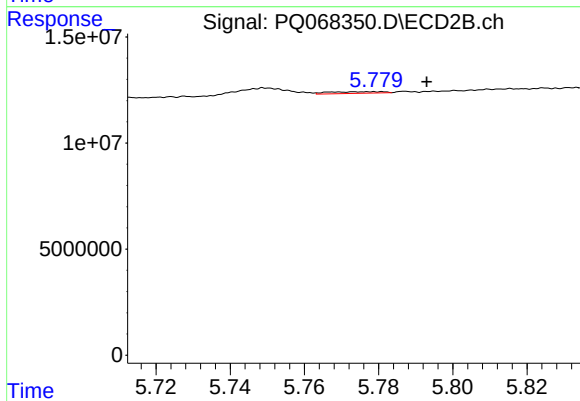
#35 AR-1260-5

R.T.: 6.275 min
Delta R.T.: -0.011 min
Response: 306122
Conc: 0.39 ng/ml



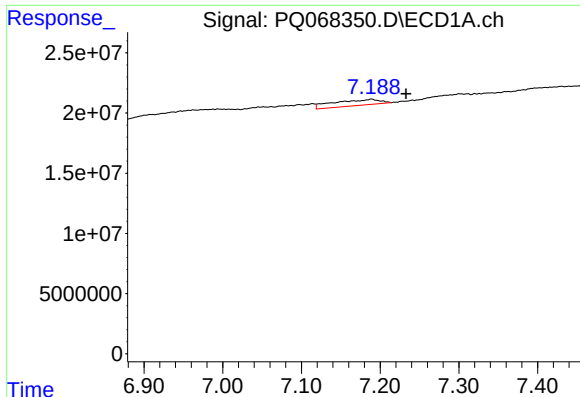
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.705 min
Response: 0
Conc: N.D.



#36 AR-1262-1

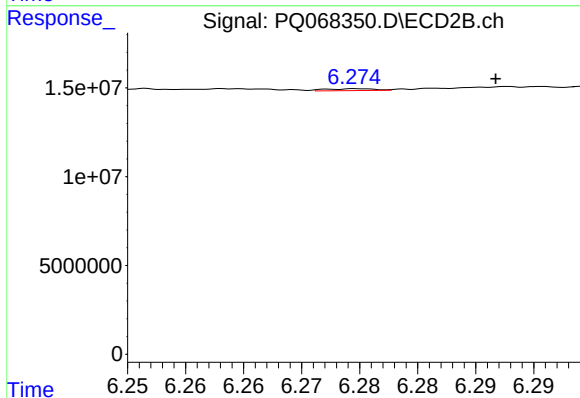
R.T.: 5.779 min
Delta R.T.: -0.014 min
Response: 770949
Conc: 1.50 ng/ml



#37 AR-1262-2

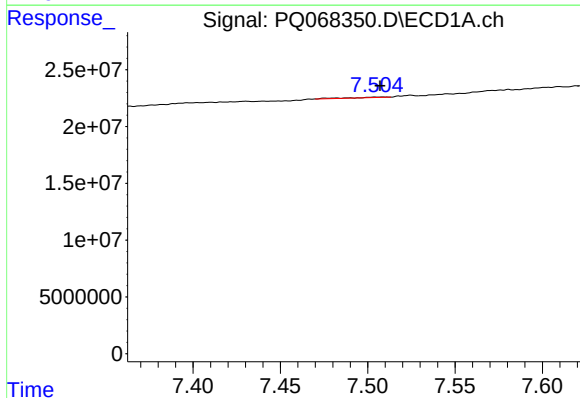
R.T.: 7.189 min
Delta R.T.: -0.044 min
Response: 20481106
Conc: 29.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



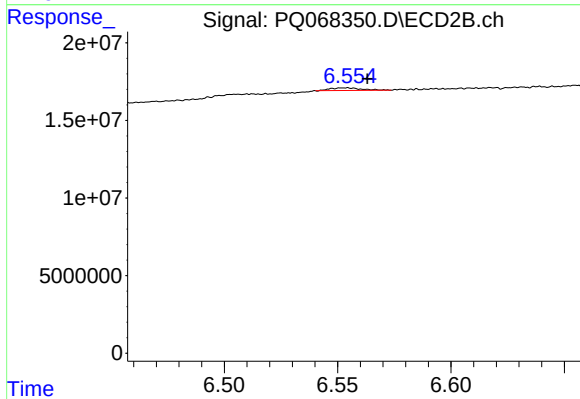
#37 AR-1262-2

R.T.: 6.275 min
Delta R.T.: -0.012 min
Response: 306122
Conc: 0.34 ng/ml



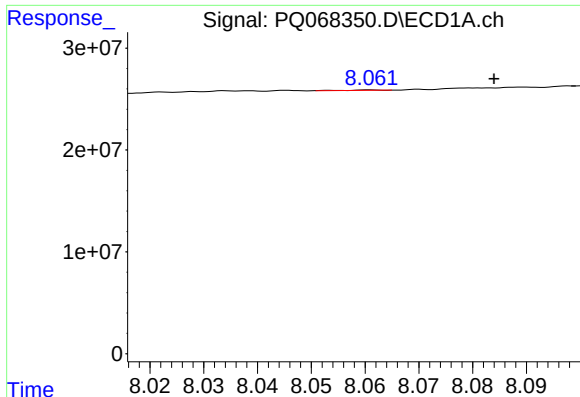
#38 AR-1262-3

R.T.: 7.508 min
Delta R.T.: 0.001 min
Response: 671328
Conc: 1.52 ng/ml



#38 AR-1262-3

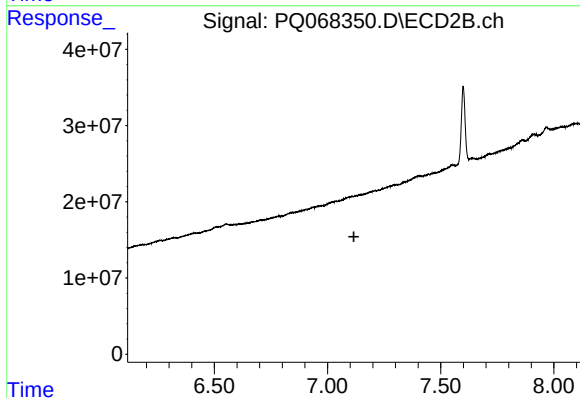
R.T.: 6.553 min
Delta R.T.: -0.010 min
Response: 1636288
Conc: 4.76 ng/ml



#40 AR-1262-5

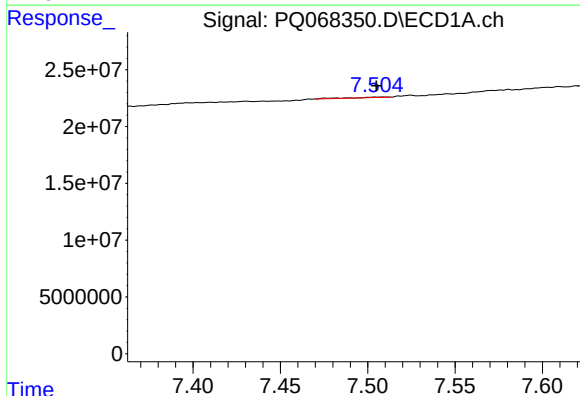
R.T.: 8.061 min
Delta R.T.: -0.023 min
Response: 183302
Conc: 0.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



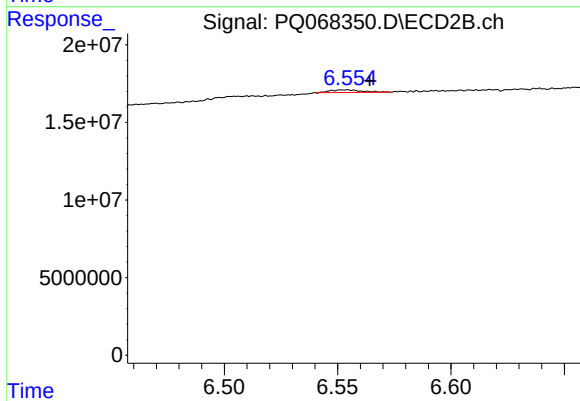
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



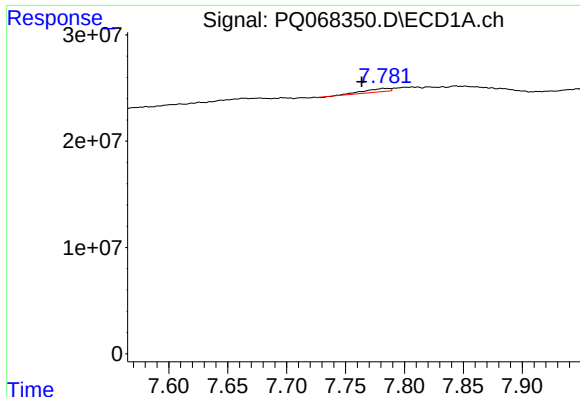
#41 AR-1268-1

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 671328
Conc: 0.87 ng/ml



#41 AR-1268-1

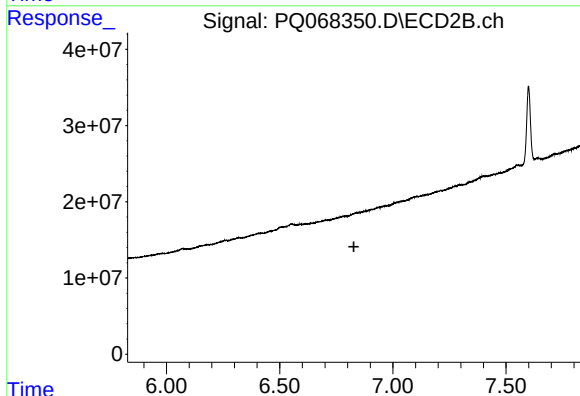
R.T.: 6.553 min
Delta R.T.: -0.011 min
Response: 1636288
Conc: 1.64 ng/ml



#43 AR-1268-3

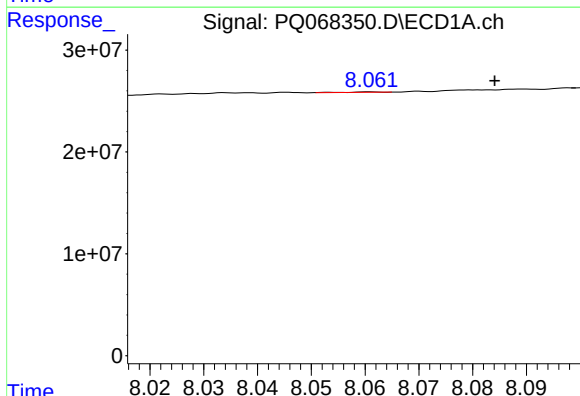
R.T.: 7.783 min
Delta R.T.: 0.019 min
Response: 4568257
Conc: 7.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



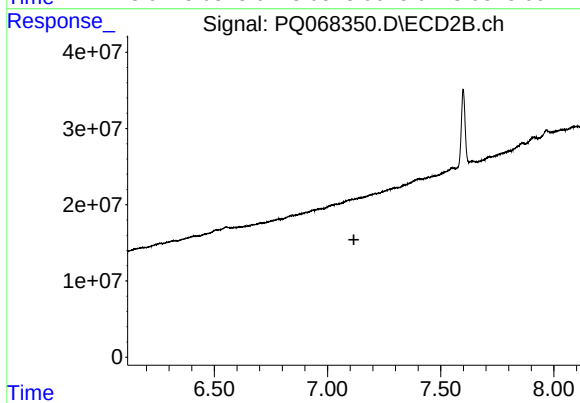
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



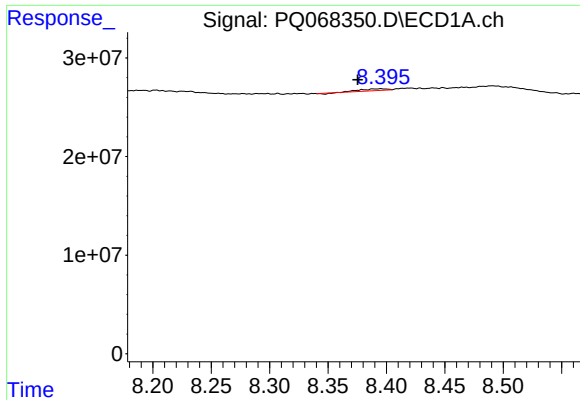
#44 AR-1268-4

R.T.: 8.061 min
Delta R.T.: -0.023 min
Response: 183302
Conc: 0.80 ng/ml



#44 AR-1268-4

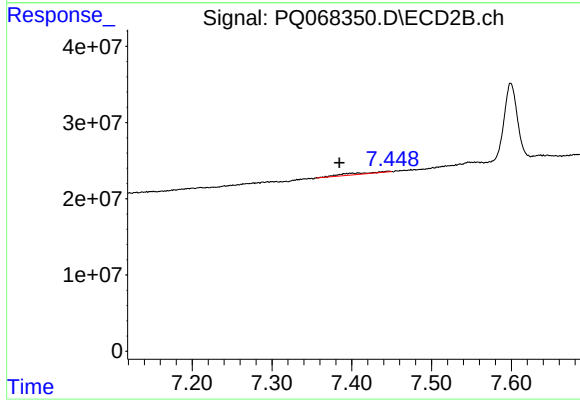
R.T.: 0.000 min
Exp R.T. : 7.116 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.395 min
Delta R.T.: 0.020 min
Response: 2464132
Conc: 1.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.446 min
Delta R.T.: 0.062 min
Response: 6546592
Conc: 2.71 ng/ml