

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052523\
 Data File : PQ061262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 23:20
 Operator : YP\AJ
 Sample : 02896-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 13B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 01:18:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 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...	3.404	2.761	133.7E6	78511352	26.677	27.176
2)	SA Decachlor...	8.584	7.534	78518650	79599999	20.299	21.859
Target Compounds							
3)	L1 AR-1016-1	4.469f	3.760	2020200	2675261	11.384	23.818 #
4)	L1 AR-1016-2	0.000	3.782	0	2547272	N.D.	15.636 #
6)	L1 AR-1016-4	4.698f	4.025f	1606793	1853710	12.043	24.843 #
7)	L1 AR-1016-5	4.966	4.192	880159	5292244	6.597	57.769 #
8)	L2 AR-1221-1	3.588	2.957	9412655	1004460	143.431	25.471 #
9)	L2 AR-1221-2	3.681	3.028	2952265	2930206	60.190	97.458 #
10)	L2 AR-1221-3	3.754	3.109	621564	662370	4.211	7.199 #
11)	L3 AR-1232-1	3.754	3.109	621564	662370	5.587	9.732 #
12)	L3 AR-1232-2	4.234	3.782	12452902	2547272	190.705	33.133 #
13)	L3 AR-1232-3	0.000	3.945	0	615742	N.D.	15.366 #
14)	L3 AR-1232-4	4.698f	4.025	1606793	1853710	25.491	52.657 #
15)	L3 AR-1232-5	4.787	4.192	2838319	5292244	63.009	127.822 #
16)	L4 AR-1242-1	4.469f	3.760	2020200	2675261	14.313	30.190 #
17)	L4 AR-1242-2	0.000	3.782	0	2547272	N.D.	20.216 #
19)	L4 AR-1242-4	4.698f	4.025	1606793	1853710	14.703	28.206 #
20)	L4 AR-1242-5	5.390	4.519	1969303	8977017	17.893	97.936 #
21)	L5 AR-1248-1	4.469f	3.760	2020200	2675261	16.502	34.552 #
22)	L5 AR-1248-2	4.787	4.025f	2838319	1853710	17.225	16.064
23)	L5 AR-1248-3	4.966	4.025	880159	1853710	4.382	16.759 #
24)	L5 AR-1248-4	5.327f	4.192	4581634	5292244	20.174	38.663 #
25)	L5 AR-1248-5	5.390	4.546	1969303	9856169	8.915	71.048 #
26)	L6 AR-1254-1	5.327	4.519	4581634	8977017	22.743	49.604 #
27)	L6 AR-1254-2	5.532	4.667	10727962	11142866	34.152	67.616 #
28)	L6 AR-1254-3	5.898	5.049	21515002	15618840	66.057	60.563
29)	L6 AR-1254-4	6.181	5.275	4606427	4021245	18.986	24.604 #
30)	L6 AR-1254-5	6.596	5.684	20282185	77961906	73.543	305.987 #
31)	L7 AR-1260-1	6.062	5.179	16100454	14238365	64.172	76.452
32)	L7 AR-1260-2	6.318	5.371	23506342	20737429	77.743	91.020
33)	L7 AR-1260-3	6.673	5.508	14807245	12529151	78.598	59.026
34)	L7 AR-1260-4	6.894	5.972	6759051	6993902	30.035	44.300 #
35)	L7 AR-1260-5	7.205	6.217	16278393	14025168	37.180	38.601
36)	L8 AR-1262-1	6.673	5.724	14807245	9475591	46.993	38.109
37)	L8 AR-1262-2	7.205	6.217	16278393	14025168	29.773	30.742
38)	L8 AR-1262-3	7.481	6.495	13290194	7940501	36.452	42.493
39)	L8 AR-1262-4	7.554	6.552	5319088	17114630	19.008	49.260 #
40)	L8 AR-1262-5	8.059	7.049	10132264	12198342	54.451	72.423 #
41)	L9 AR-1268-1	7.481	6.495	13290194	7940501	21.649	14.918 #
42)	L9 AR-1268-2	7.554	6.552	5319088	17114630	9.579	35.404 #
43)	L9 AR-1268-3	7.735	6.759	3781462	1640690	8.165	3.919 #

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 Acq On : 25 May 2023 23:20
 Operator : YP\AJ
 Sample : 02896-18
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

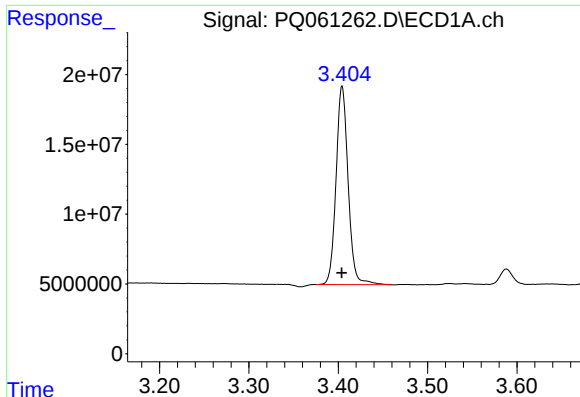
Instrument :
 ECD_Q
 ClientSampleId :
 13B

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 01:18:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
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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
44) L9	AR-1268-4	8.059	7.049	10132264	12198342	49.917	65.888 #
45) L9	AR-1268-5	8.349	7.317	5356711	6660083	3.929	4.943 #

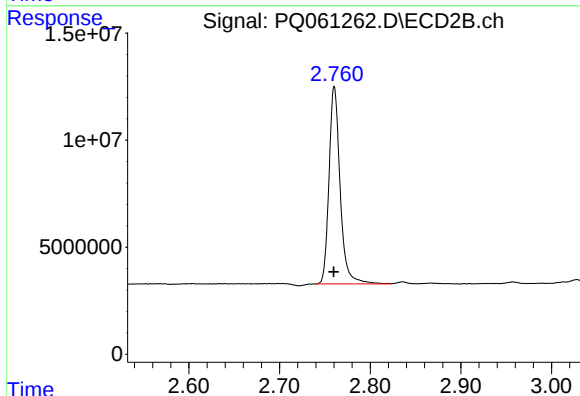
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

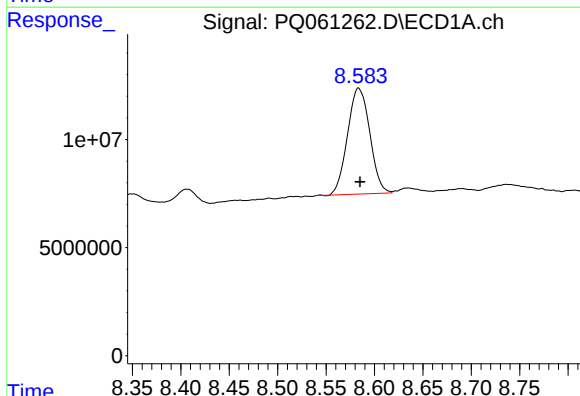
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 133671532
Conc: 26.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



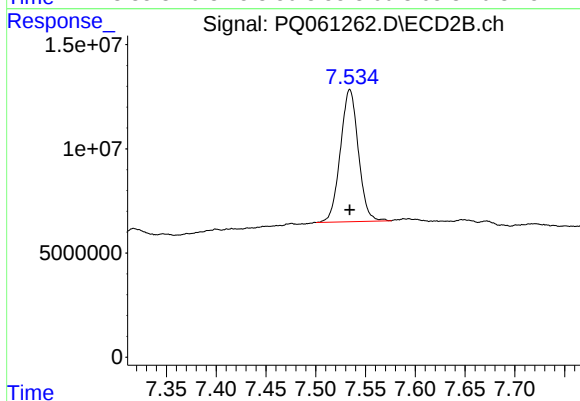
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 78511352
Conc: 27.18 ng/ml



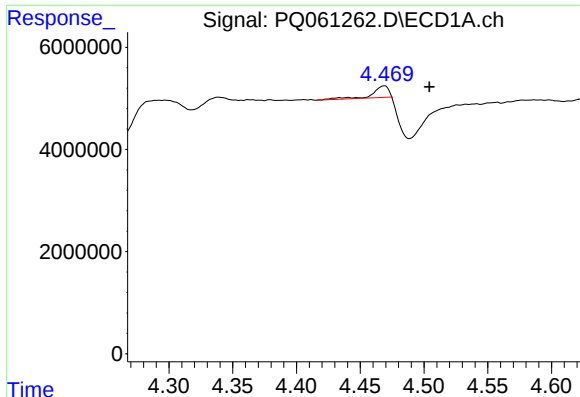
#2 Decachlorobiphenyl

R.T.: 8.584 min
Delta R.T.: -0.001 min
Response: 78518650
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

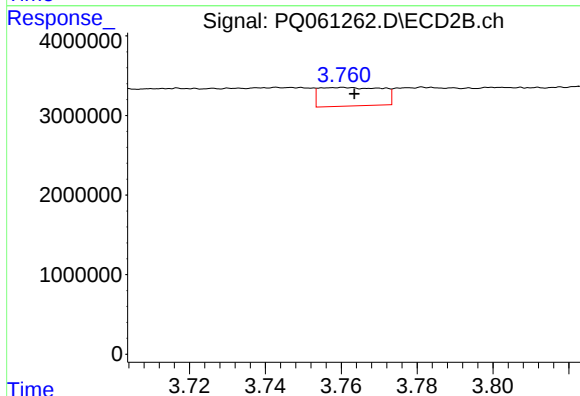
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 79599999
Conc: 21.86 ng/ml



#3 AR-1016-1

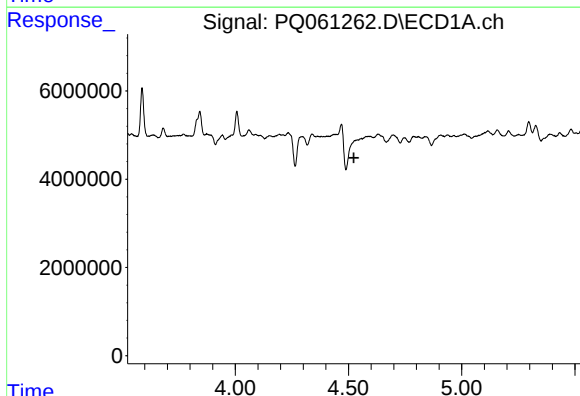
R.T.: 4.469 min
Delta R.T.: -0.035 min
Response: 2020200
Conc: 11.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



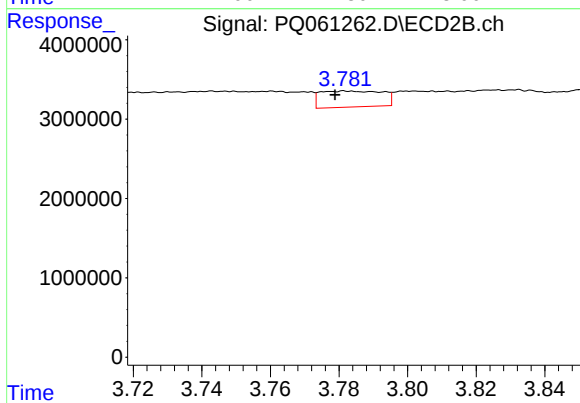
#3 AR-1016-1

R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 2675261
Conc: 23.82 ng/ml



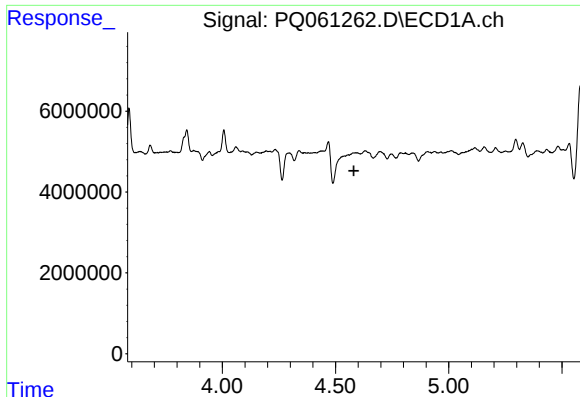
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.523 min
Response: 0
Conc: N.D.



#4 AR-1016-2

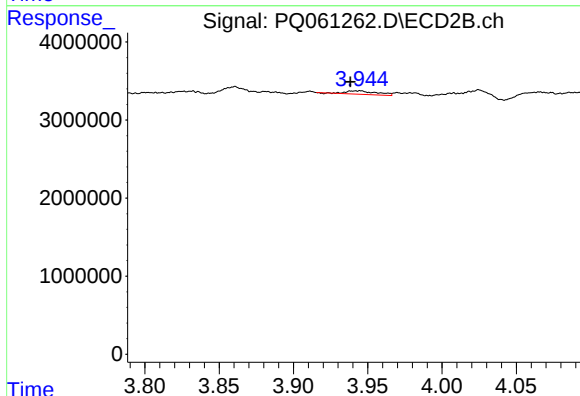
R.T.: 3.782 min
Delta R.T.: 0.003 min
Response: 2547272
Conc: 15.64 ng/ml



#5 AR-1016-3

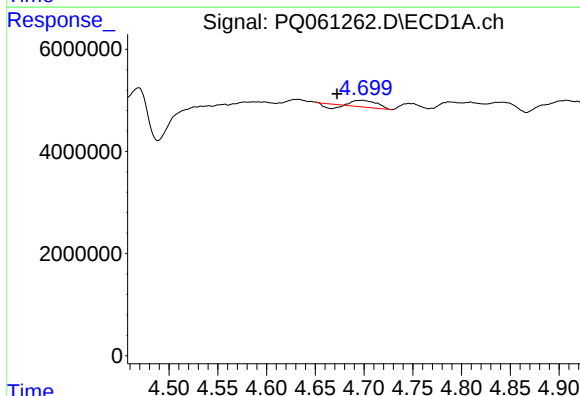
R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: -8749011
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
13B



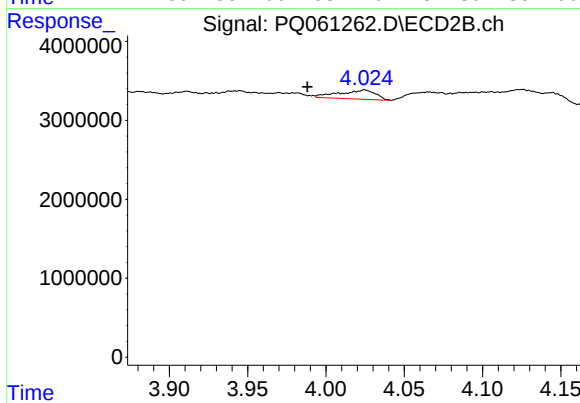
#5 AR-1016-3

R.T.: 3.945 min
Delta R.T.: 0.006 min
Response: 615742
Conc: 7.22 ng/ml



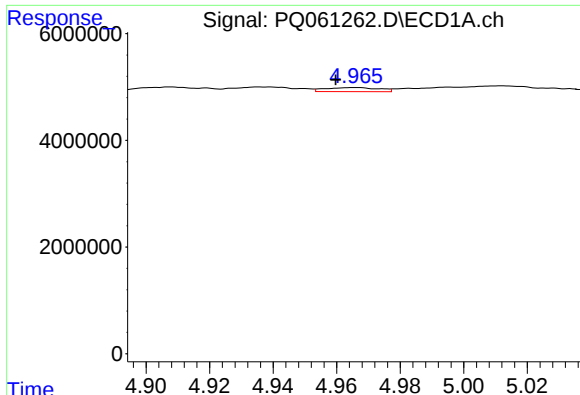
#6 AR-1016-4

R.T.: 4.698 min
Delta R.T.: 0.026 min
Response: 1606793
Conc: 12.04 ng/ml



#6 AR-1016-4

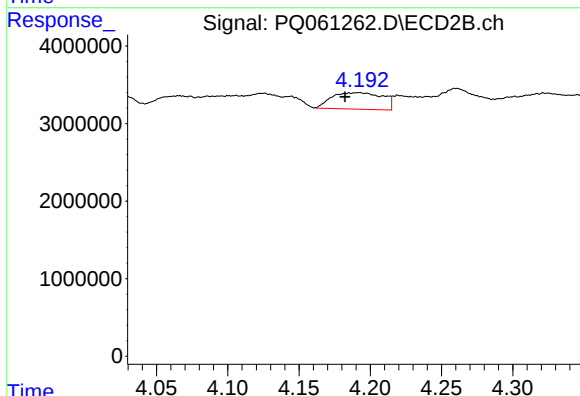
R.T.: 4.025 min
Delta R.T.: 0.037 min
Response: 1853710
Conc: 24.84 ng/ml



#7 AR-1016-5

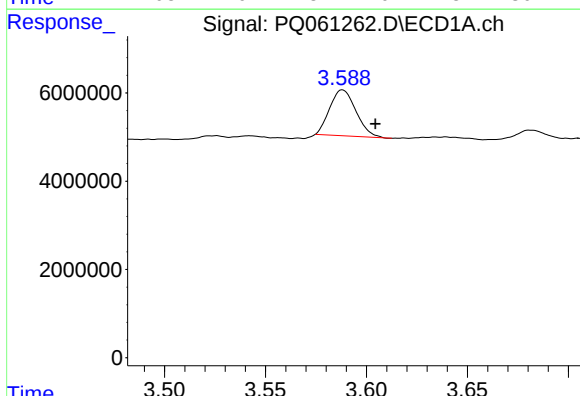
R.T.: 4.966 min
Delta R.T.: 0.006 min
Response: 880159
Conc: 6.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



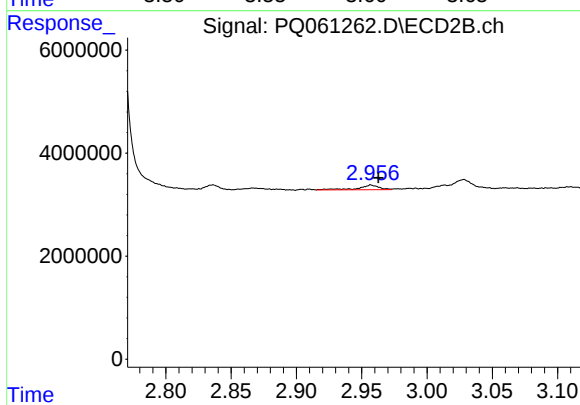
#7 AR-1016-5

R.T.: 4.192 min
Delta R.T.: 0.010 min
Response: 5292244
Conc: 57.77 ng/ml



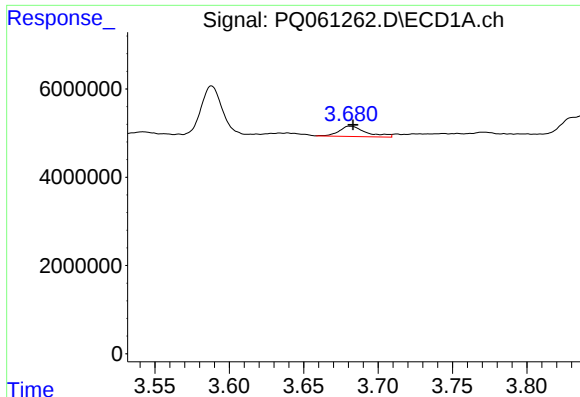
#8 AR-1221-1

R.T.: 3.588 min
Delta R.T.: -0.016 min
Response: 9412655
Conc: 143.43 ng/ml



#8 AR-1221-1

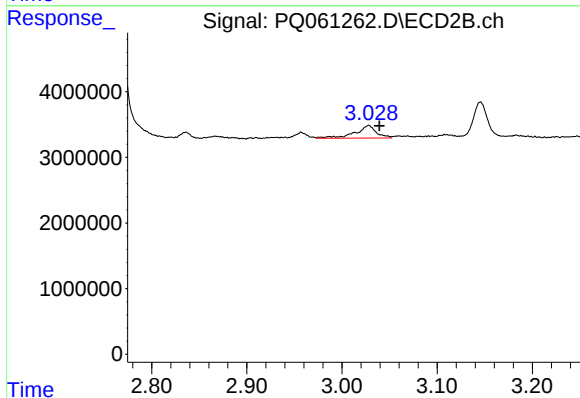
R.T.: 2.957 min
Delta R.T.: -0.006 min
Response: 1004460
Conc: 25.47 ng/ml



#9 AR-1221-2

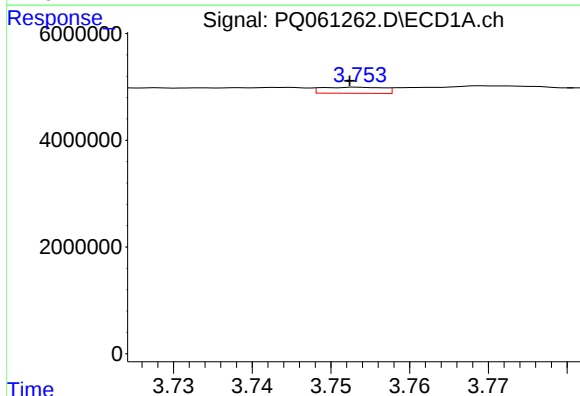
R.T.: 3.681 min
Delta R.T.: -0.002 min
Response: 2952265
Conc: 60.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



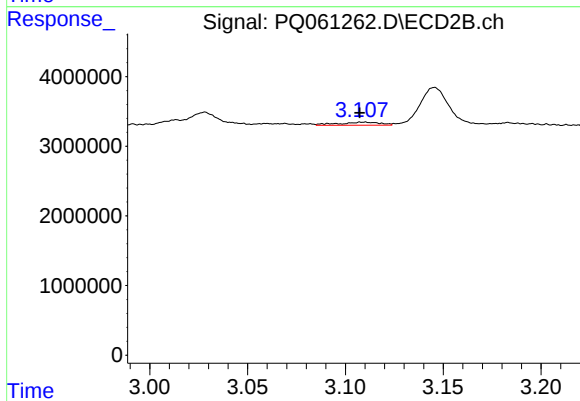
#9 AR-1221-2

R.T.: 3.028 min
Delta R.T.: -0.011 min
Response: 2930206
Conc: 97.46 ng/ml



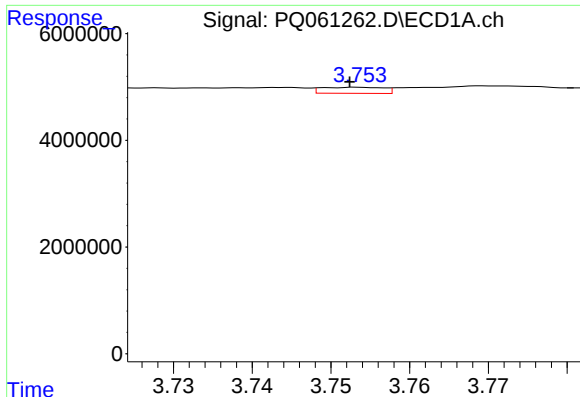
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 621564
Conc: 4.21 ng/ml



#10 AR-1221-3

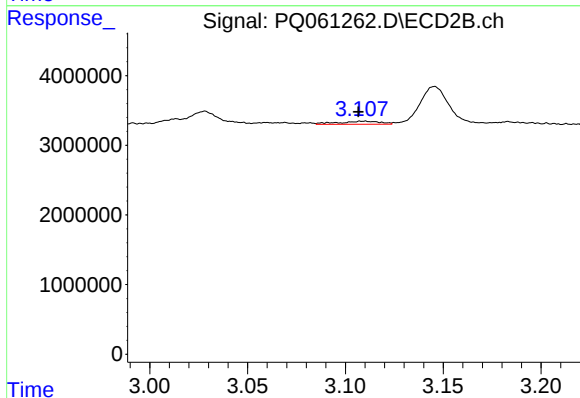
R.T.: 3.109 min
Delta R.T.: 0.002 min
Response: 662370
Conc: 7.20 ng/ml



#11 AR-1232-1

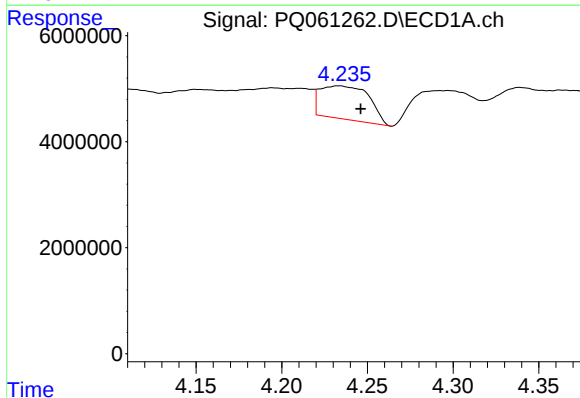
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 621564
Conc: 5.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



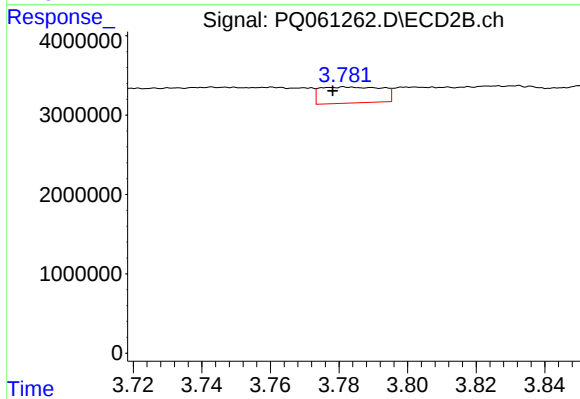
#11 AR-1232-1

R.T.: 3.109 min
Delta R.T.: 0.003 min
Response: 662370
Conc: 9.73 ng/ml



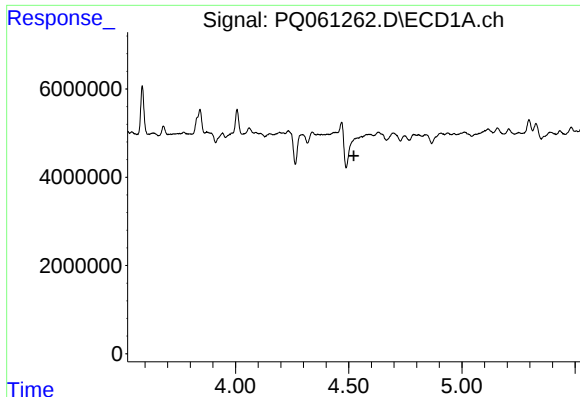
#12 AR-1232-2

R.T.: 4.234 min
Delta R.T.: -0.012 min
Response: 12452902
Conc: 190.71 ng/ml



#12 AR-1232-2

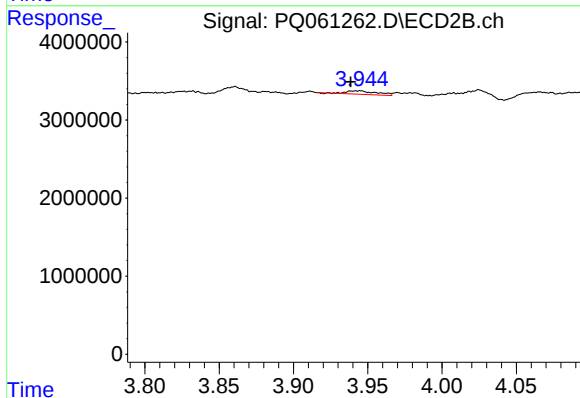
R.T.: 3.782 min
Delta R.T.: 0.004 min
Response: 2547272
Conc: 33.13 ng/ml



#13 AR-1232-3

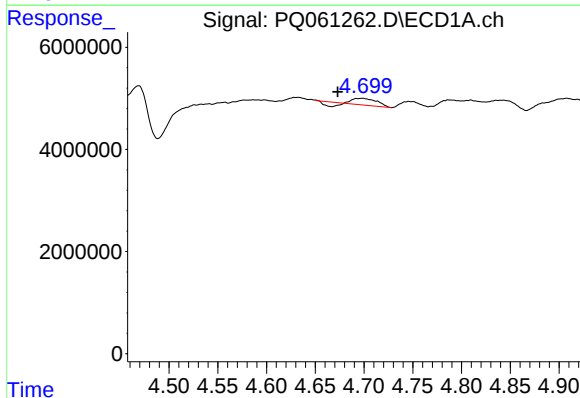
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
13B



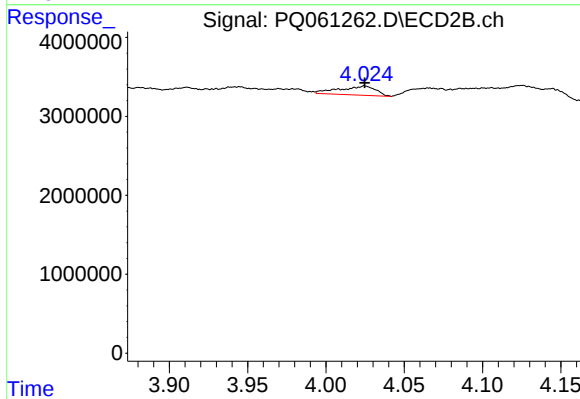
#13 AR-1232-3

R.T.: 3.945 min
Delta R.T.: 0.006 min
Response: 615742
Conc: 15.37 ng/ml



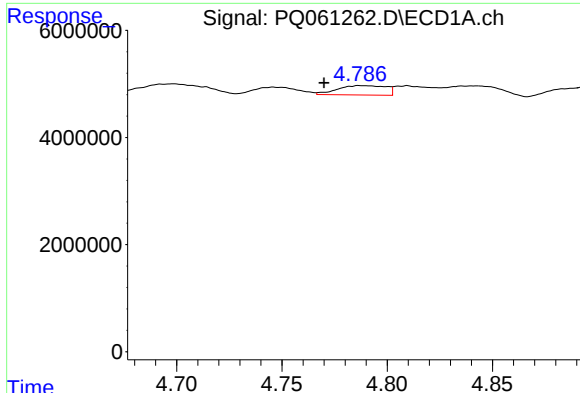
#14 AR-1232-4

R.T.: 4.698 min
Delta R.T.: 0.025 min
Response: 1606793
Conc: 25.49 ng/ml



#14 AR-1232-4

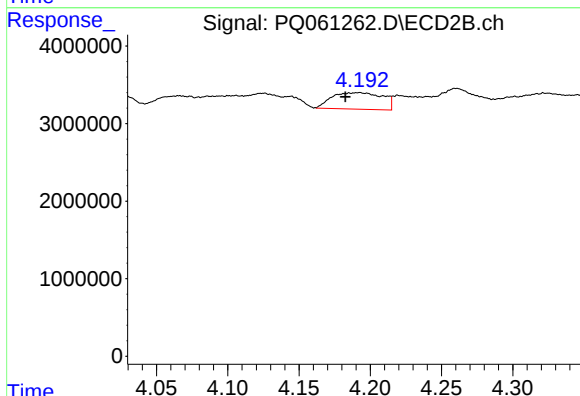
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1853710
Conc: 52.66 ng/ml



#15 AR-1232-5

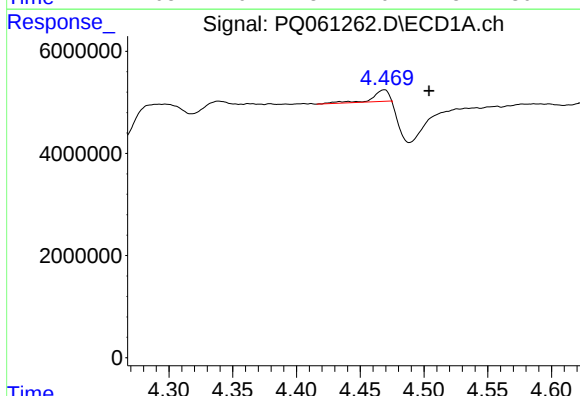
R.T.: 4.787 min
Delta R.T.: 0.017 min
Response: 2838319
Conc: 63.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



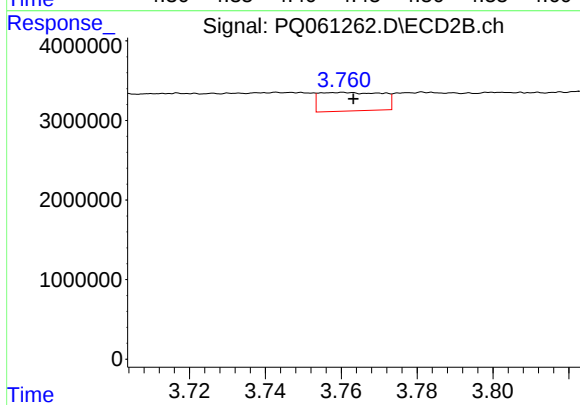
#15 AR-1232-5

R.T.: 4.192 min
Delta R.T.: 0.009 min
Response: 5292244
Conc: 127.82 ng/ml



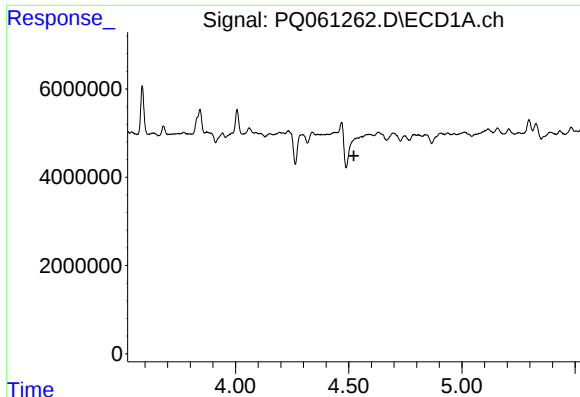
#16 AR-1242-1

R.T.: 4.469 min
Delta R.T.: -0.035 min
Response: 2020200
Conc: 14.31 ng/ml



#16 AR-1242-1

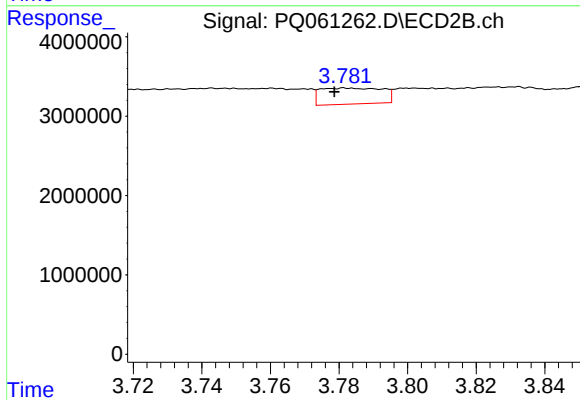
R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 2675261
Conc: 30.19 ng/ml



#17 AR-1242-2

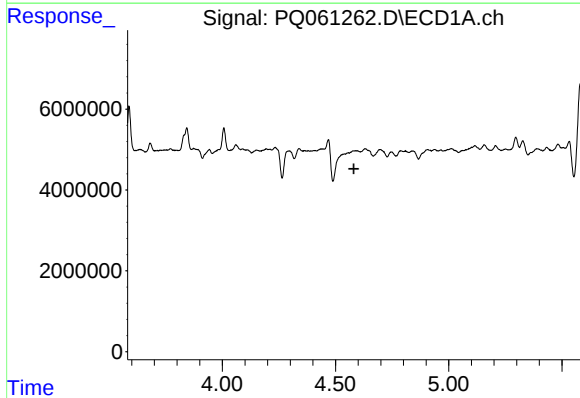
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
13B



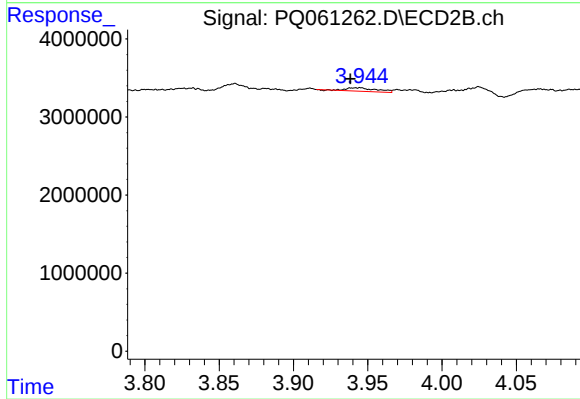
#17 AR-1242-2

R.T.: 3.782 min
Delta R.T.: 0.003 min
Response: 2547272
Conc: 20.22 ng/ml



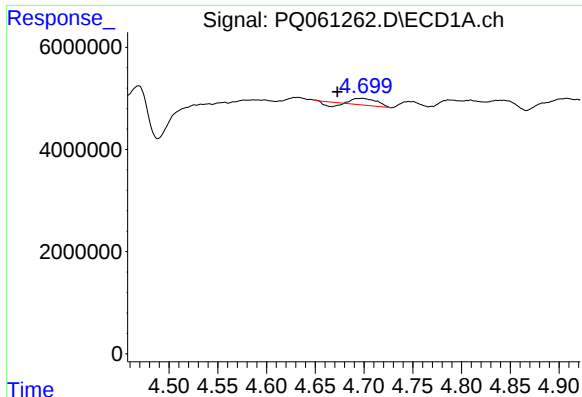
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: -8749011
Conc: N.D.



#18 AR-1242-3

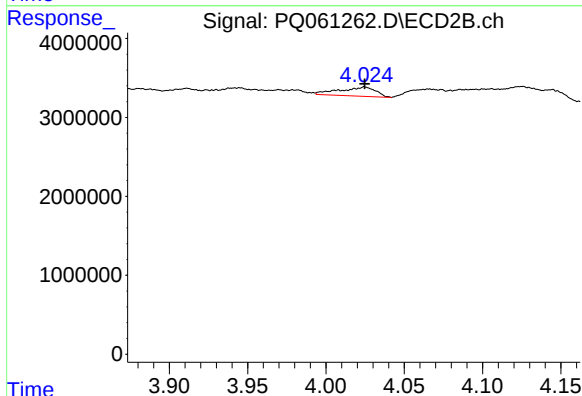
R.T.: 3.945 min
Delta R.T.: 0.006 min
Response: 615742
Conc: 9.10 ng/ml



#19 AR-1242-4

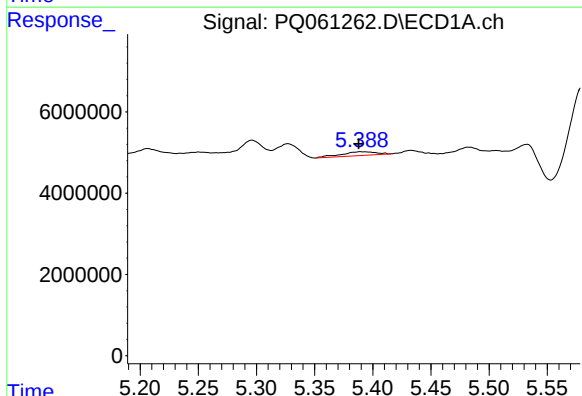
R.T.: 4.698 min
Delta R.T.: 0.026 min
Response: 1606793
Conc: 14.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



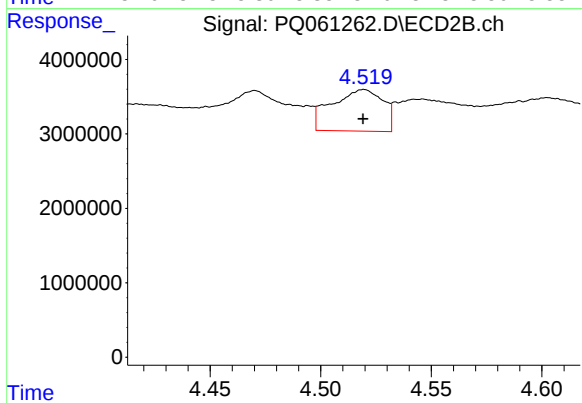
#19 AR-1242-4

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1853710
Conc: 28.21 ng/ml



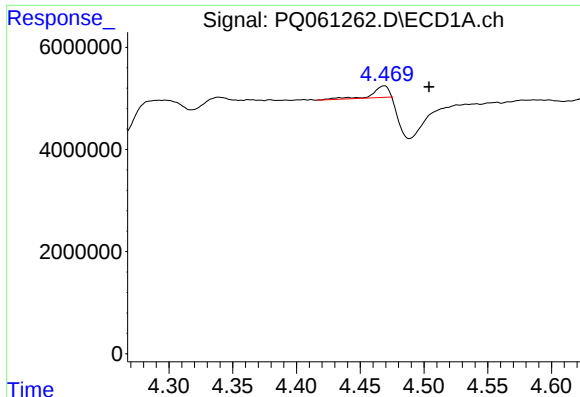
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 1969303
Conc: 17.89 ng/ml



#20 AR-1242-5

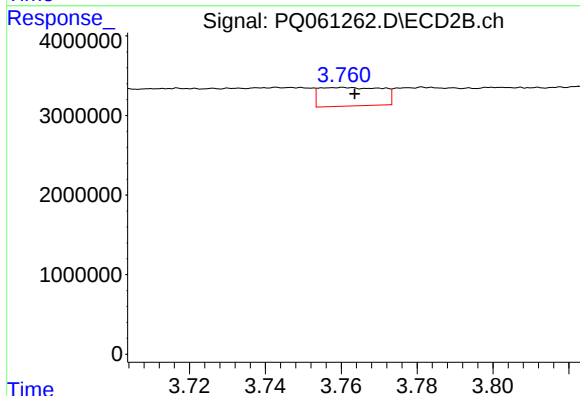
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 8977017
Conc: 97.94 ng/ml



#21 AR-1248-1

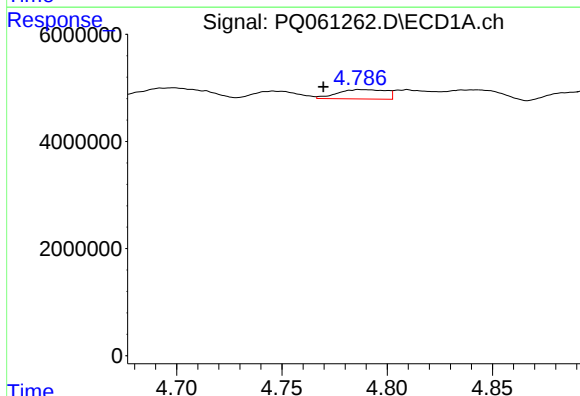
R.T.: 4.469 min
Delta R.T.: -0.035 min
Response: 2020200
Conc: 16.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



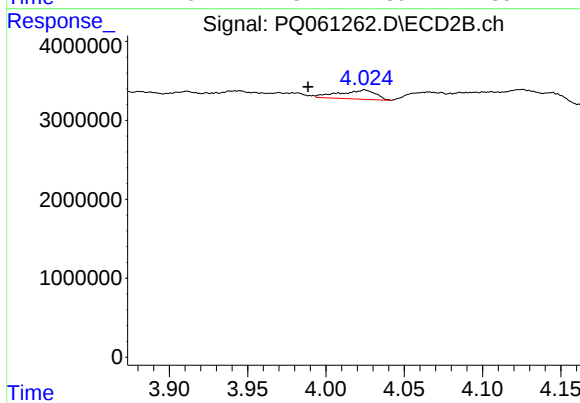
#21 AR-1248-1

R.T.: 3.760 min
Delta R.T.: -0.003 min
Response: 2675261
Conc: 34.55 ng/ml



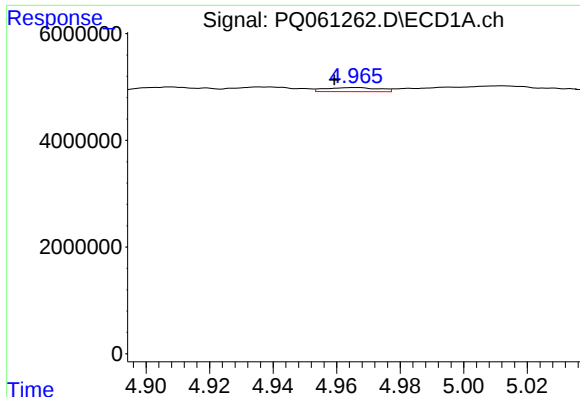
#22 AR-1248-2

R.T.: 4.787 min
Delta R.T.: 0.018 min
Response: 2838319
Conc: 17.23 ng/ml



#22 AR-1248-2

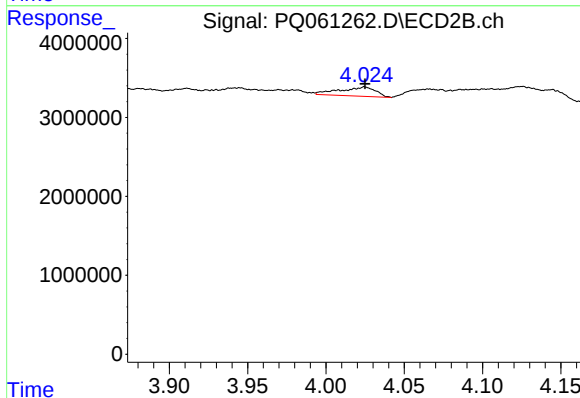
R.T.: 4.025 min
Delta R.T.: 0.036 min
Response: 1853710
Conc: 16.06 ng/ml



#23 AR-1248-3

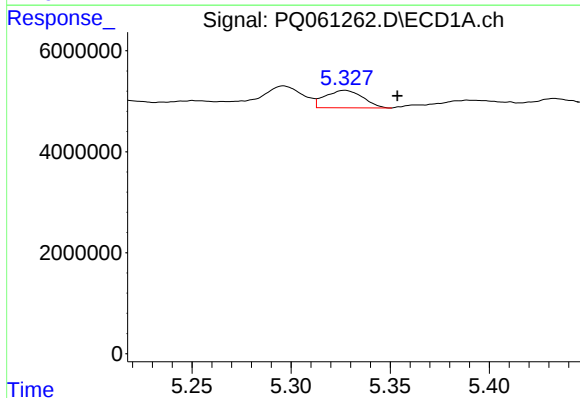
R.T.: 4.966 min
Delta R.T.: 0.007 min
Response: 880159
Conc: 4.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



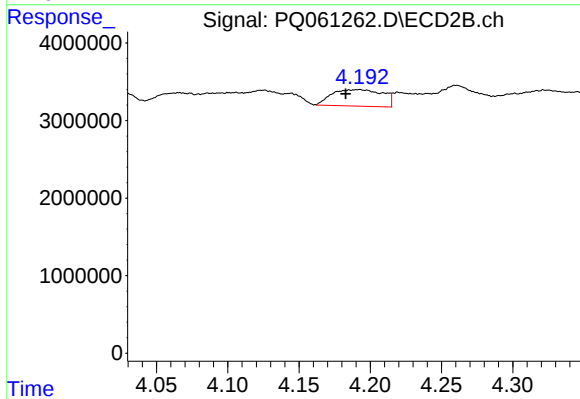
#23 AR-1248-3

R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 1853710
Conc: 16.76 ng/ml



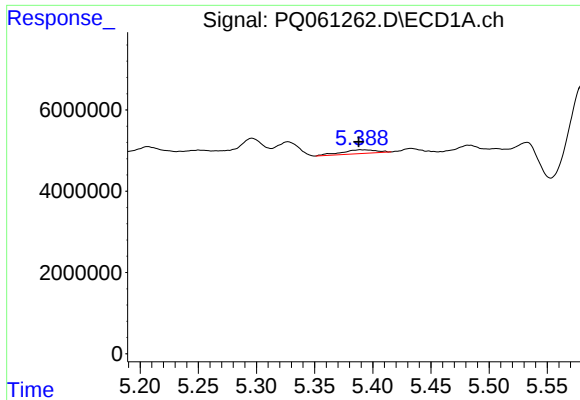
#24 AR-1248-4

R.T.: 5.327 min
Delta R.T.: -0.027 min
Response: 4581634
Conc: 20.17 ng/ml



#24 AR-1248-4

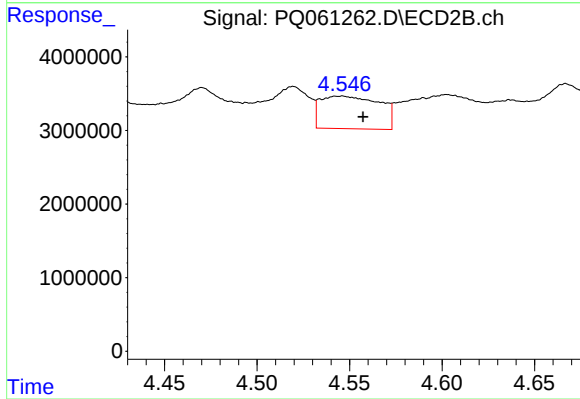
R.T.: 4.192 min
Delta R.T.: 0.009 min
Response: 5292244
Conc: 38.66 ng/ml



#25 AR-1248-5

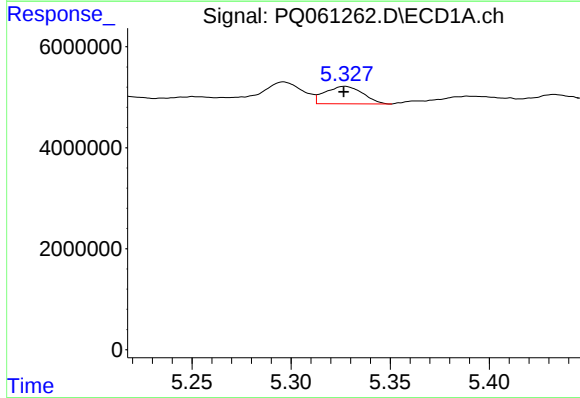
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 1969303
Conc: 8.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



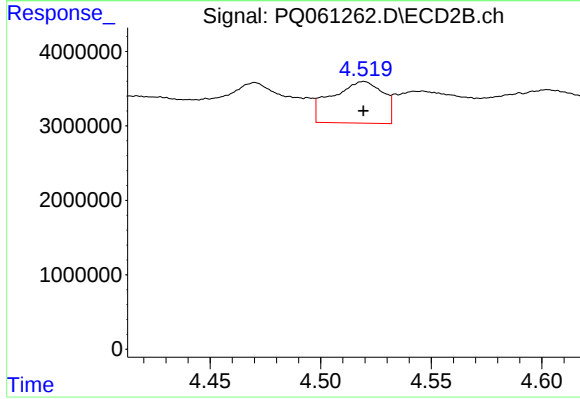
#25 AR-1248-5

R.T.: 4.546 min
Delta R.T.: -0.012 min
Response: 9856169
Conc: 71.05 ng/ml



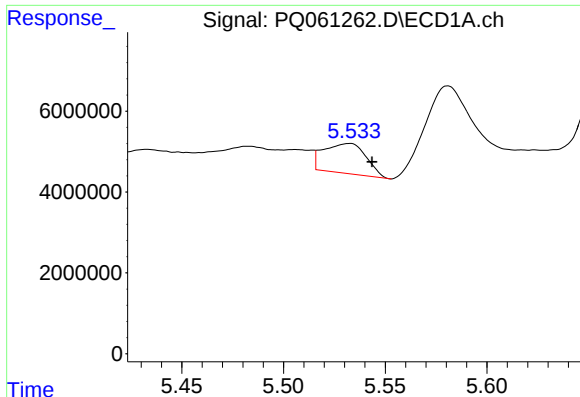
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 4581634
Conc: 22.74 ng/ml



#26 AR-1254-1

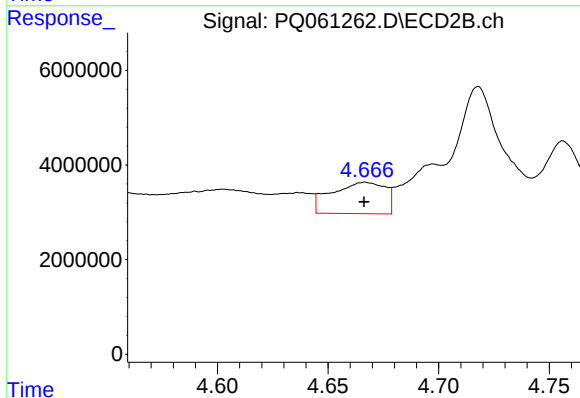
R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 8977017
Conc: 49.60 ng/ml



#27 AR-1254-2

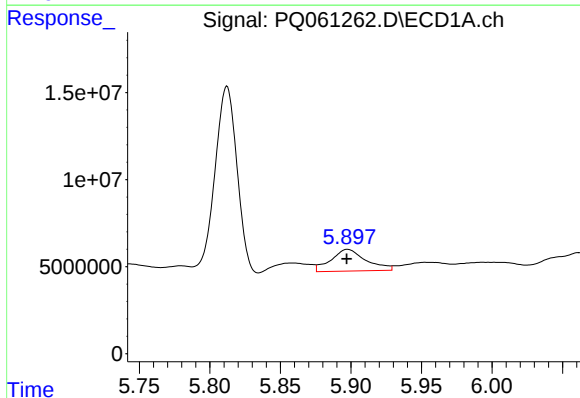
R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 10727962
Conc: 34.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



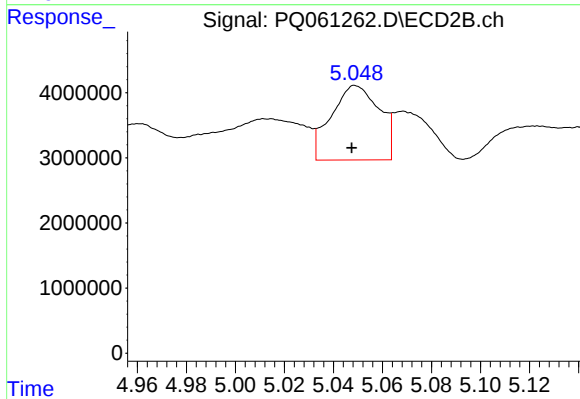
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: 0.000 min
Response: 11142866
Conc: 67.62 ng/ml



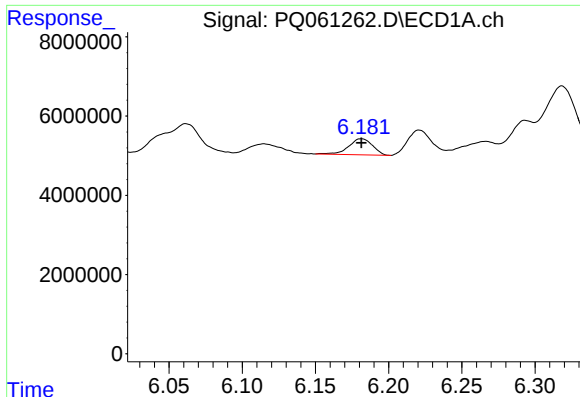
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 21515002
Conc: 66.06 ng/ml



#28 AR-1254-3

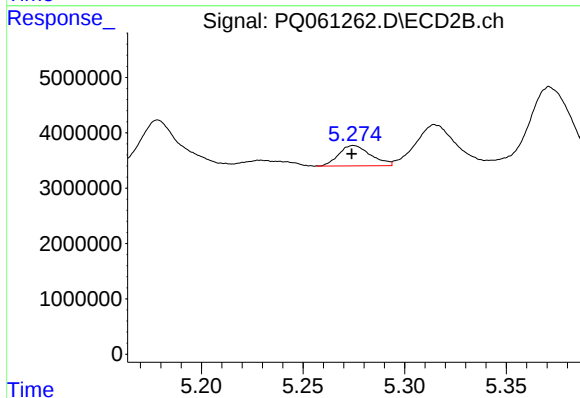
R.T.: 5.049 min
Delta R.T.: 0.002 min
Response: 15618840
Conc: 60.56 ng/ml



#29 AR-1254-4

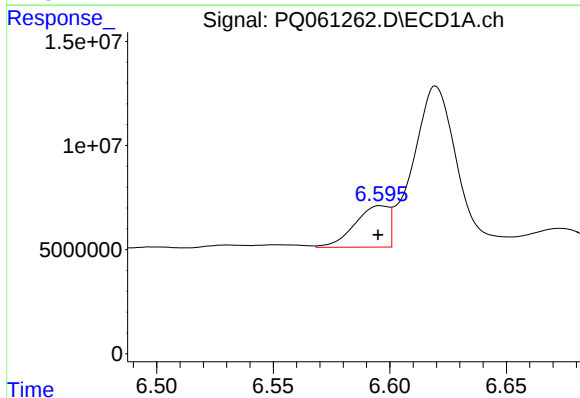
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4606427
Conc: 18.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



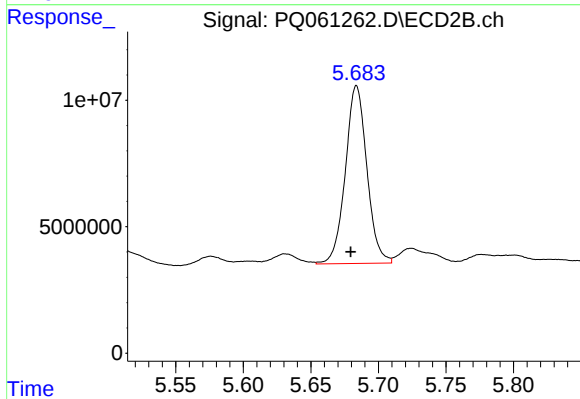
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 4021245
Conc: 24.60 ng/ml



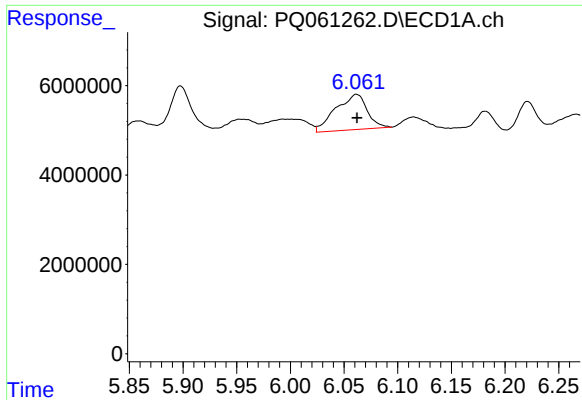
#30 AR-1254-5

R.T.: 6.596 min
Delta R.T.: 0.001 min
Response: 20282185
Conc: 73.54 ng/ml



#30 AR-1254-5

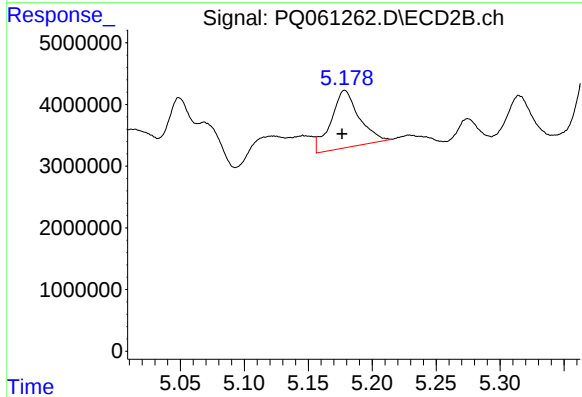
R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 77961906
Conc: 305.99 ng/ml



#31 AR-1260-1

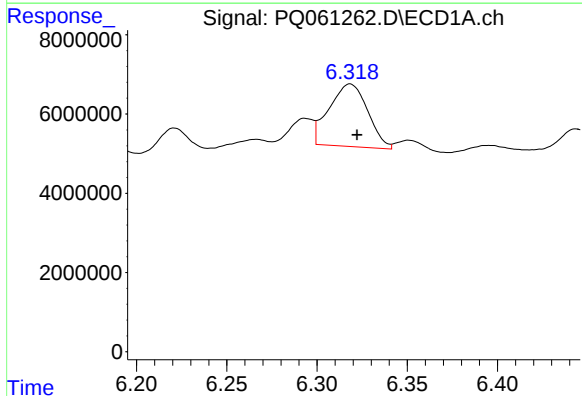
R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 16100454
Conc: 64.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



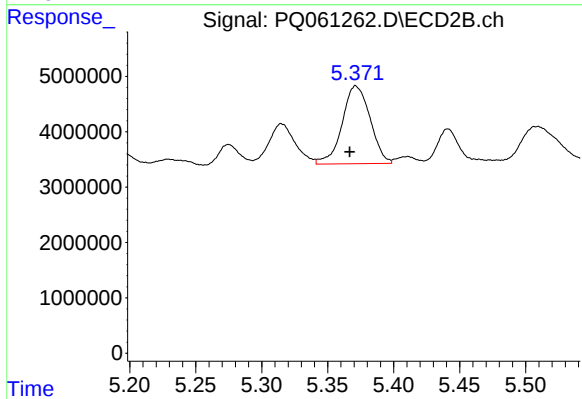
#31 AR-1260-1

R.T.: 5.179 min
Delta R.T.: 0.002 min
Response: 14238365
Conc: 76.45 ng/ml



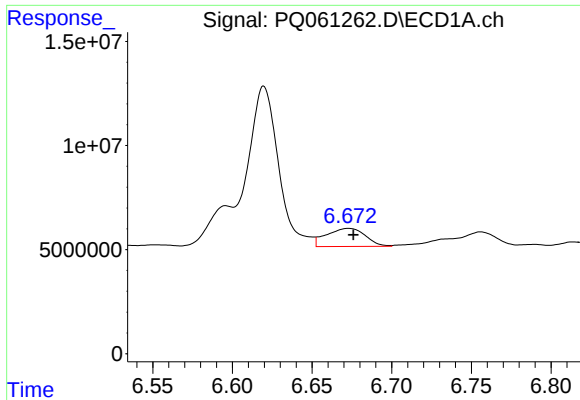
#32 AR-1260-2

R.T.: 6.318 min
Delta R.T.: -0.004 min
Response: 23506342
Conc: 77.74 ng/ml



#32 AR-1260-2

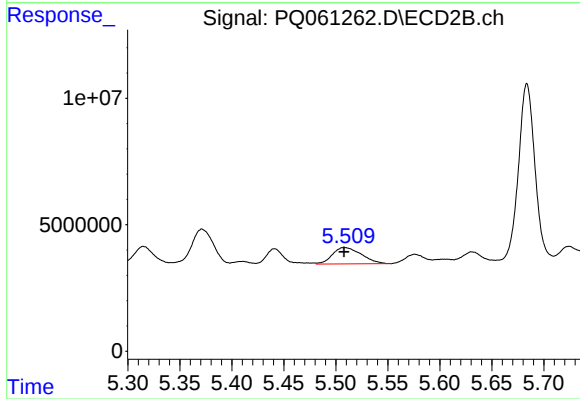
R.T.: 5.371 min
Delta R.T.: 0.004 min
Response: 20737429
Conc: 91.02 ng/ml



#33 AR-1260-3

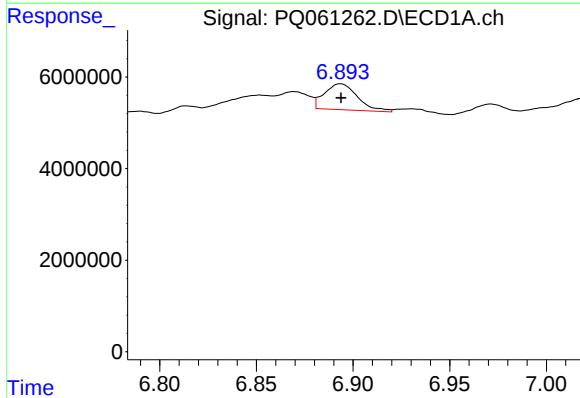
R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 14807245
Conc: 78.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



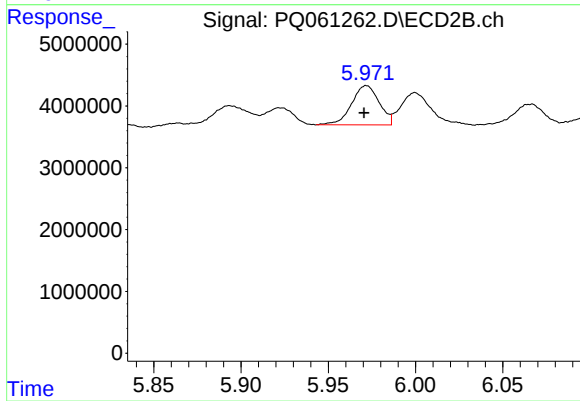
#33 AR-1260-3

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 12529151
Conc: 59.03 ng/ml



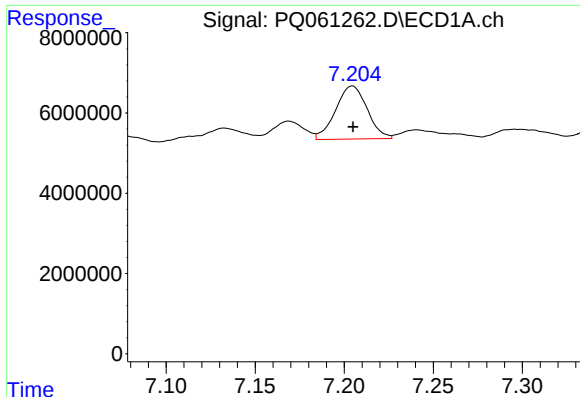
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 6759051
Conc: 30.04 ng/ml



#34 AR-1260-4

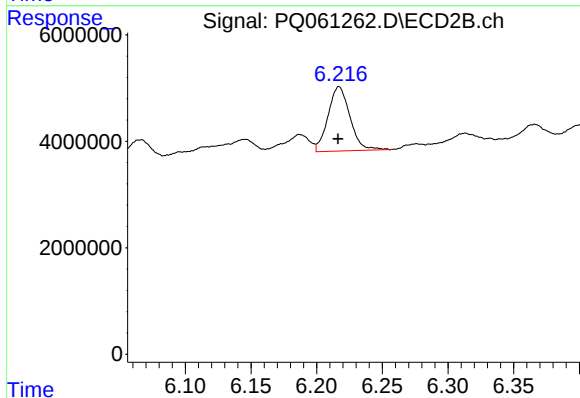
R.T.: 5.972 min
Delta R.T.: 0.001 min
Response: 6993902
Conc: 44.30 ng/ml



#35 AR-1260-5

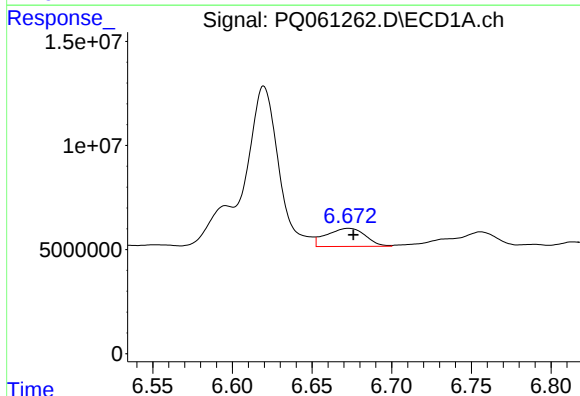
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 16278393
Conc: 37.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



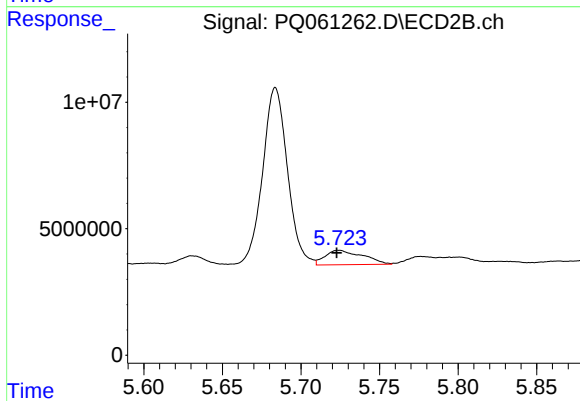
#35 AR-1260-5

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 14025168
Conc: 38.60 ng/ml



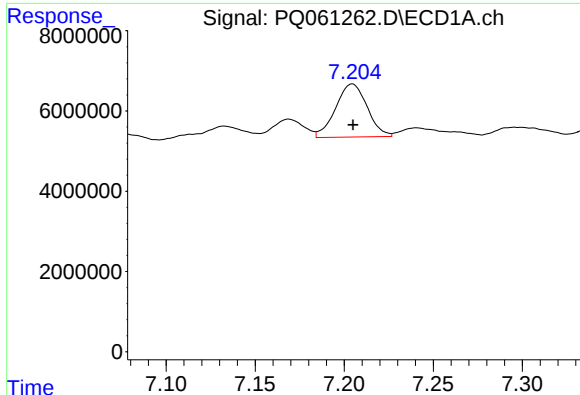
#36 AR-1262-1

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 14807245
Conc: 46.99 ng/ml



#36 AR-1262-1

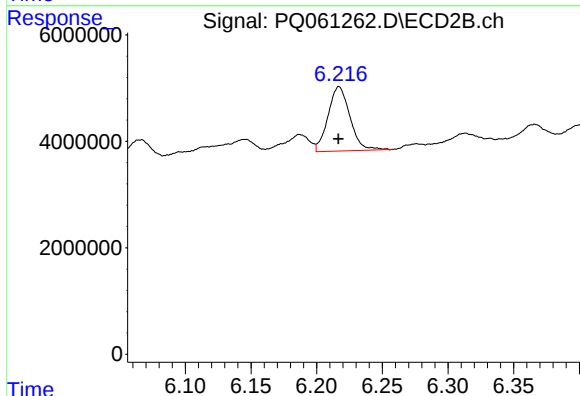
R.T.: 5.724 min
Delta R.T.: 0.001 min
Response: 9475591
Conc: 38.11 ng/ml



#37 AR-1262-2

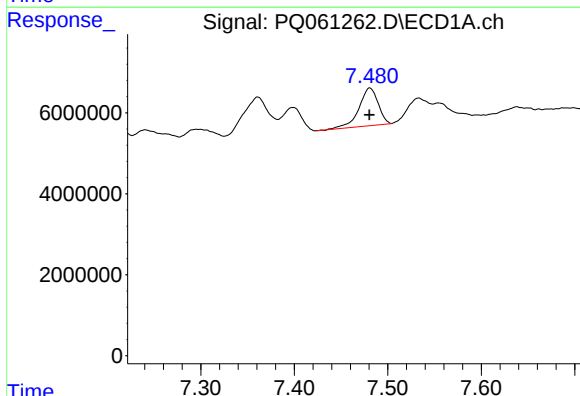
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 16278393
Conc: 29.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



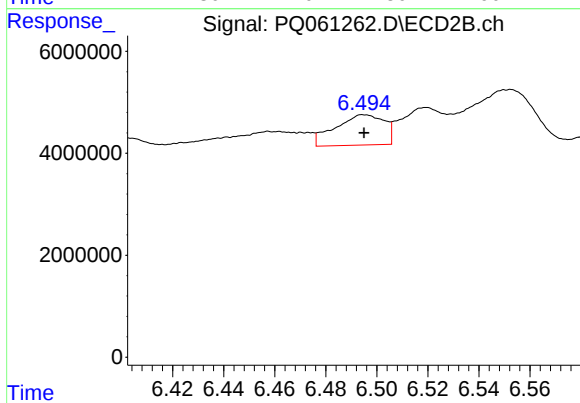
#37 AR-1262-2

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 14025168
Conc: 30.74 ng/ml



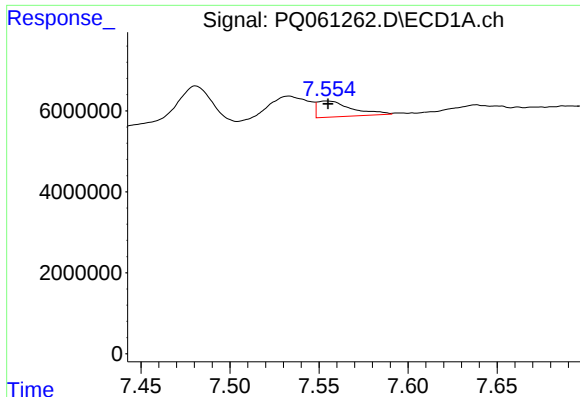
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 13290194
Conc: 36.45 ng/ml



#38 AR-1262-3

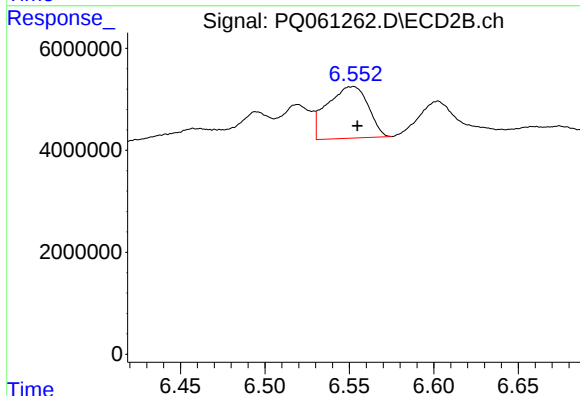
R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 7940501
Conc: 42.49 ng/ml



#39 AR-1262-4

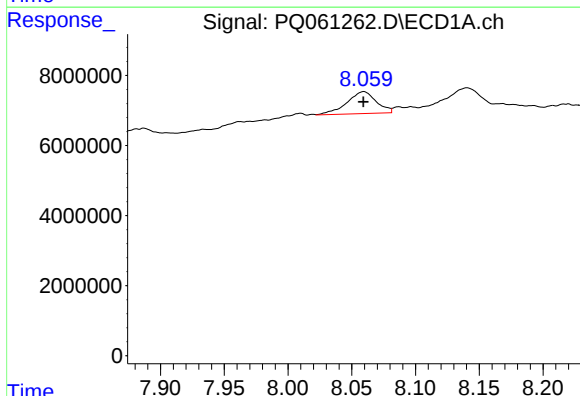
R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 5319088
Conc: 19.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



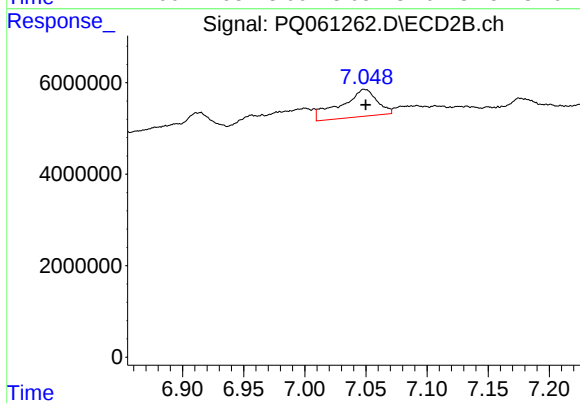
#39 AR-1262-4

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 17114630
Conc: 49.26 ng/ml



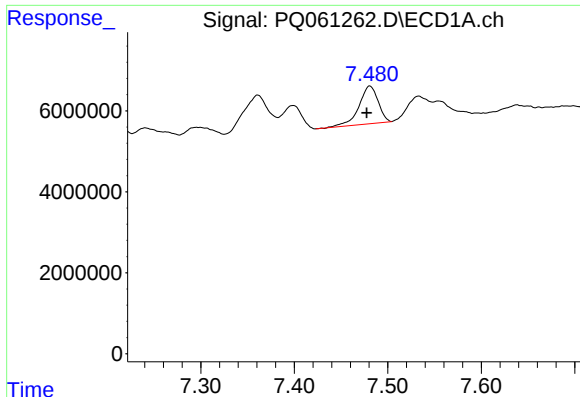
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 10132264
Conc: 54.45 ng/ml



#40 AR-1262-5

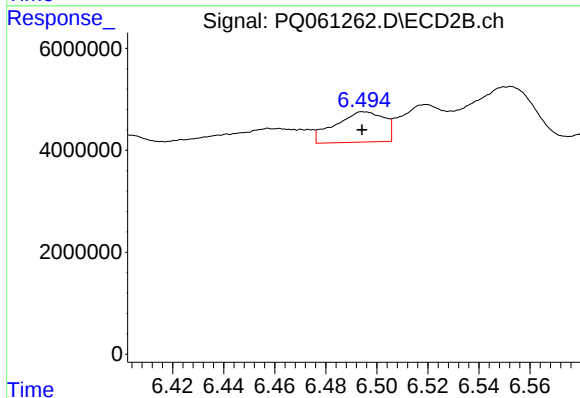
R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 12198342
Conc: 72.42 ng/ml



#41 AR-1268-1

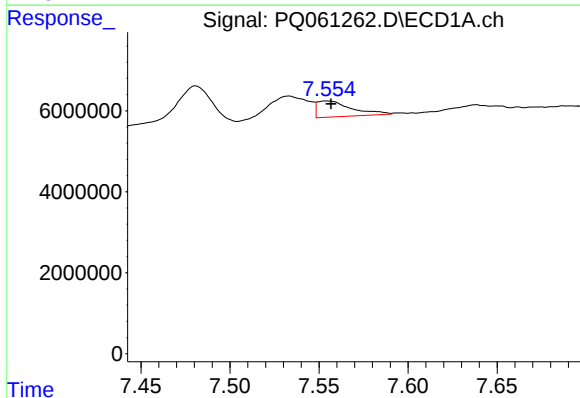
R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 13290194
Conc: 21.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



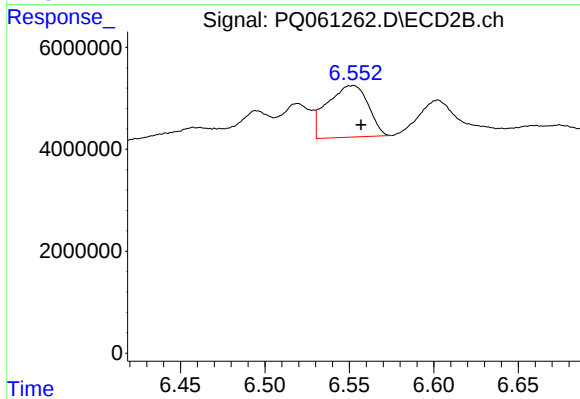
#41 AR-1268-1

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 7940501
Conc: 14.92 ng/ml



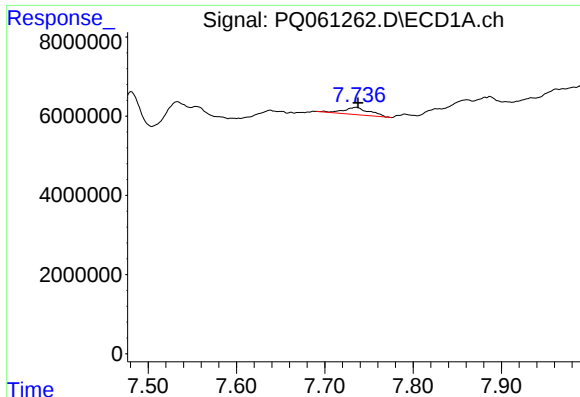
#42 AR-1268-2

R.T.: 7.554 min
Delta R.T.: -0.002 min
Response: 5319088
Conc: 9.58 ng/ml



#42 AR-1268-2

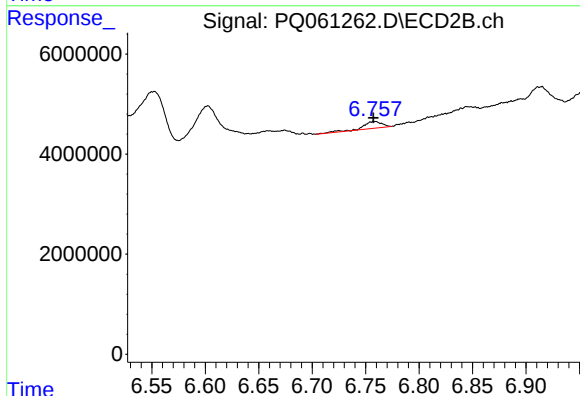
R.T.: 6.552 min
Delta R.T.: -0.005 min
Response: 17114630
Conc: 35.40 ng/ml



#43 AR-1268-3

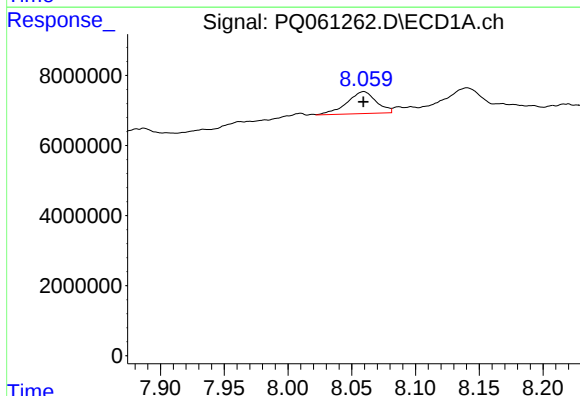
R.T.: 7.735 min
Delta R.T.: -0.003 min
Response: 3781462
Conc: 8.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



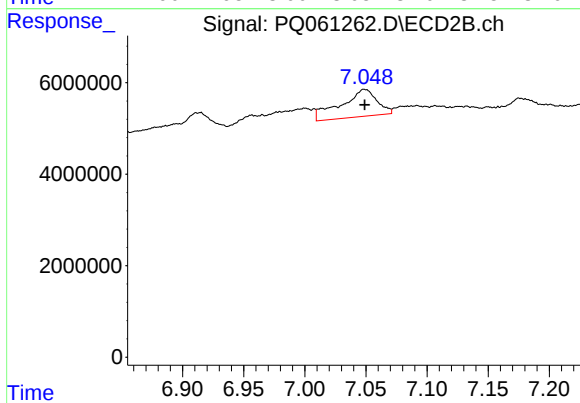
#43 AR-1268-3

R.T.: 6.759 min
Delta R.T.: 0.001 min
Response: 1640690
Conc: 3.92 ng/ml



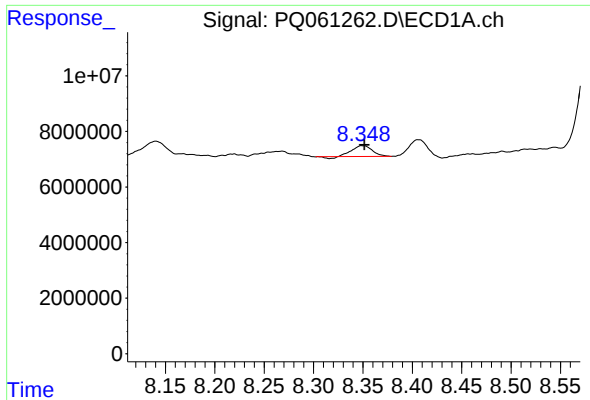
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 10132264
Conc: 49.92 ng/ml



#44 AR-1268-4

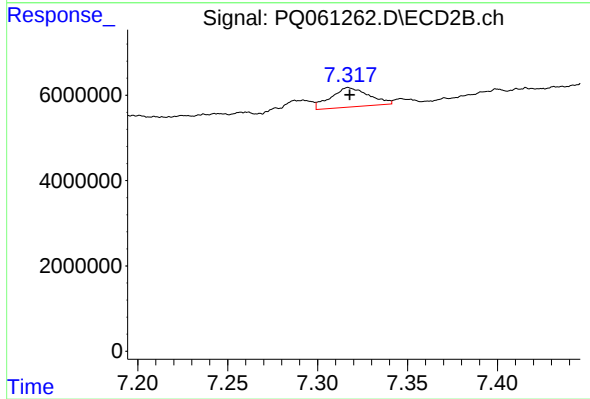
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 12198342
Conc: 65.89 ng/ml



#45 AR-1268-5

R.T.: 8.349 min
Delta R.T.: -0.002 min
Response: 5356711
Conc: 3.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
13B



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 6660083
Conc: 4.94 ng/ml