

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072718\
 Data File : PQ030903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2018 07:39 pm
 Operator : SM\SJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 09:48:02 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072718.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 30 09:28:37 2018
 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...	4.574	3.894	646.8E6	78879477	5.161	5.143
2)	SA Decachlor...	10.409	8.986	134.3E6	74348380	5.439	5.300
Target Compounds							
3)	L1 AR-1016-1	4.950	4.578	296.9E6	19548418	182.487	59.140 #
4)	L1 AR-1016-2	5.481	4.995	259.7E6	34548622	113.432	71.101 #
5)	L1 AR-1016-3	5.772	5.014	294.7E6	43475209	72.007	62.581
6)	L1 AR-1016-4	5.835	5.071	252.2E6	60830345	106.088	136.481 #
7)	L1 AR-1016-5	6.369	5.232	102.7E6	27224145	57.347	105.723 #
8)	L2 AR-1221-1	4.780	4.109	23376720	4750759	13.548	20.778 #
9)	L2 AR-1221-2	4.871	4.200	58499838	17956974	48.053	105.048 #
10)	L2 AR-1221-3	4.950	4.276	296.9E6	11911878	66.428	22.870 #
11)	L3 AR-1232-1	4.950	4.276	296.9E6	11911878	139.884	39.515 #
12)	L3 AR-1232-2	5.481	5.014	259.7E6	43475209	275.234	127.011 #
13)	L3 AR-1232-3	5.772	5.071	294.7E6	60830345	156.137	264.215 #
14)	L3 AR-1232-4	5.835	5.275	252.2E6	32741749	207.399	242.788
15)	L3 AR-1232-5	6.227	5.600	124.5E6	23100345	155.193	172.591
16)	L4 AR-1242-1	5.481	4.773	259.7E6	18607122	131.332	60.381 #
17)	L4 AR-1242-2	5.748	5.014	233.5E6	43475209	91.193	69.298
18)	L4 AR-1242-3	5.772	5.194	294.7E6	35417676	74.714	107.019 #
19)	L4 AR-1242-4	6.227	5.232	124.5E6	27224145	76.031	111.785 #
20)	L4 AR-1242-5	6.369	5.450	102.7E6	15897420	62.302	45.182 #
21)	L5 AR-1248-1	6.227	5.232	124.5E6	27224145	44.783	65.938 #
22)	L5 AR-1248-2	6.369	5.275	102.7E6	32741749	43.680	74.844 #
23)	L5 AR-1248-3	6.605	5.450	115.1E6	15897420	42.928	29.826 #
24)	L5 AR-1248-4	6.605	5.803	115.1E6	24406111	44.056	31.052 #
25)	L5 AR-1248-5	6.821	5.843	90091004	6674457	36.267	12.291 #
26)	L6 AR-1254-1	6.605	5.803	115.1E6	24406111	43.434	30.486 #
27)	L6 AR-1254-2	6.821	5.948	90091004	14910513	23.899	21.054
28)	L6 AR-1254-3	0.000	6.371	0	38439124	N.D.	32.781 #
29)	L6 AR-1254-4	0.000	6.609	0	5970588	N.D.	7.969 #
30)	L6 AR-1254-5	7.896	7.003	172.2E6	56502700	69.831	54.071
31)	L7 AR-1260-1	7.354	6.486	121.4E6	38791773	52.902	51.717
32)	L7 AR-1260-2	7.612	6.671	140.6E6	60065894	57.905	62.432
33)	L7 AR-1260-3	7.896	7.039	172.2E6	43273706	71.374	58.542
34)	L7 AR-1260-4	8.533	7.539	200.5E6	96499214	61.486	56.291
35)	L7 AR-1260-5	8.873	7.890	93889658	93529593	51.279	75.409 #
36)	L8 AR-1262-1	7.354	6.486	121.4E6	38791773	61.593	60.335
37)	L8 AR-1262-2	7.612	6.671	140.6E6	60065894	68.015	77.301
38)	L8 AR-1262-3	7.896	7.039	172.2E6	43273706	104.093	40.168 #
39)	L8 AR-1262-4	8.202	7.302	96639644	37638955	44.236	37.643
40)	L8 AR-1262-5	8.533	7.539	200.5E6	96499214	52.491	45.915
41)	L9 AR-1268-1	8.873	7.826	93889658	24434605	22.271	11.767 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072718\
 Data File : PQ030903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2018 07:39 pm
 Operator : SM\SJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

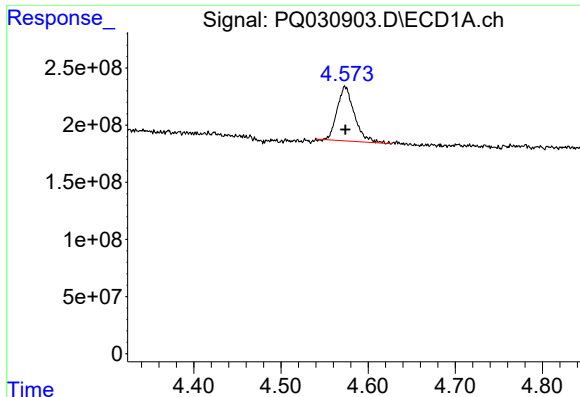
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 09:48:02 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072718.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
42) L9	AR-1268-2	8.927	7.890	15229346	93529593	3.918	47.523 #
44) L9	AR-1268-4	9.630	8.397	63749368	41885894	48.462	60.087
45) L9	AR-1268-5	0.000	8.708	0	13310525	N.D.	2.499 #

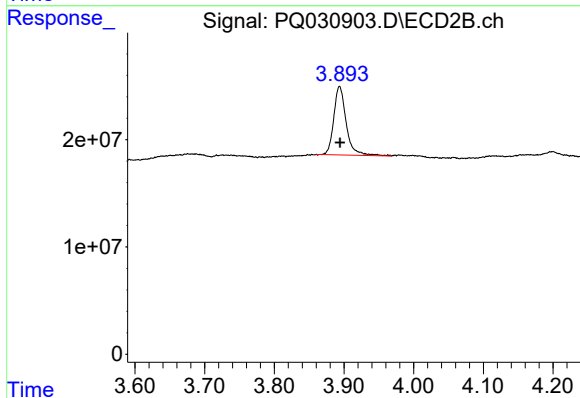
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

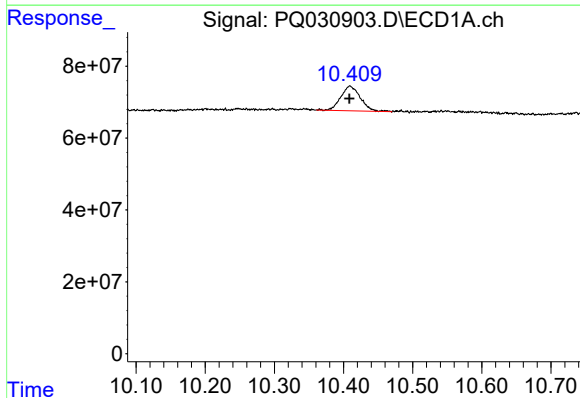
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 646775168
Conc: 5.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



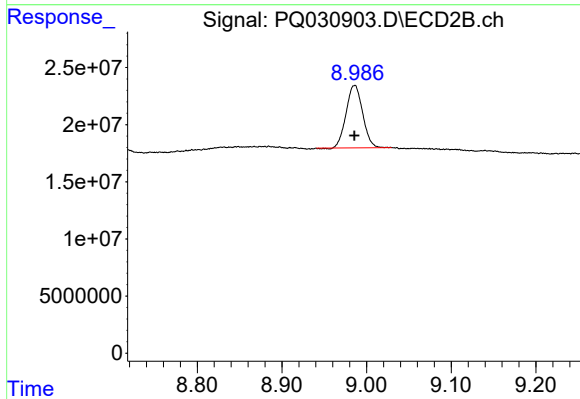
#1 Tetrachloro-m-xylene

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 78879477
Conc: 5.14 ng/ml



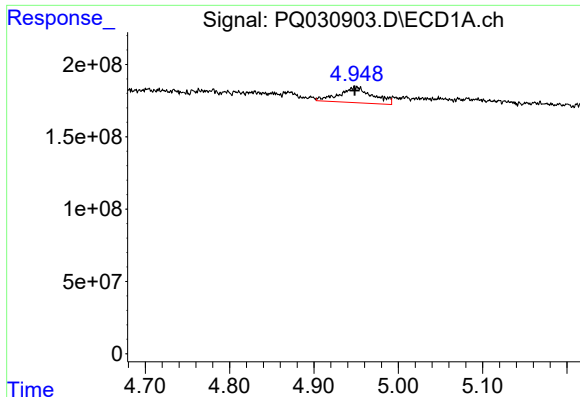
#2 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: 0.000 min
Response: 134318491
Conc: 5.44 ng/ml



#2 Decachlorobiphenyl

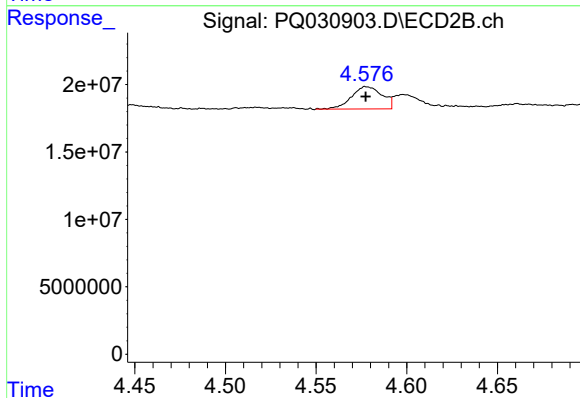
R.T.: 8.986 min
Delta R.T.: 0.000 min
Response: 74348380
Conc: 5.30 ng/ml



#3 AR-1016-1

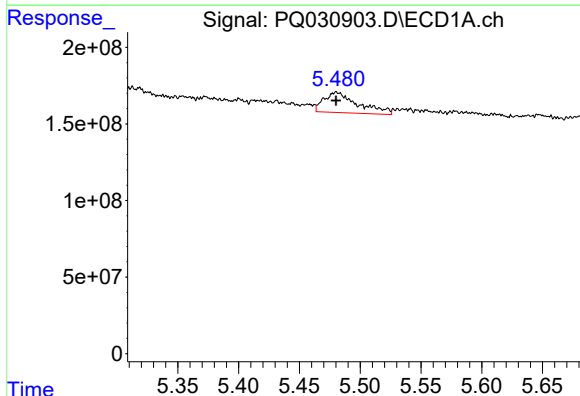
R.T.: 4.950 min
Delta R.T.: 0.002 min
Response: 296866235
Conc: 182.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



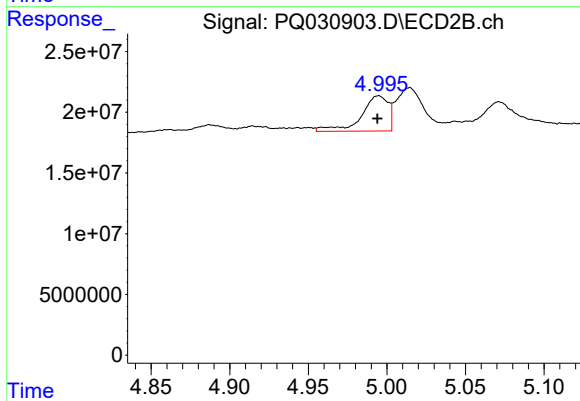
#3 AR-1016-1

R.T.: 4.578 min
Delta R.T.: 0.000 min
Response: 19548418
Conc: 59.14 ng/ml



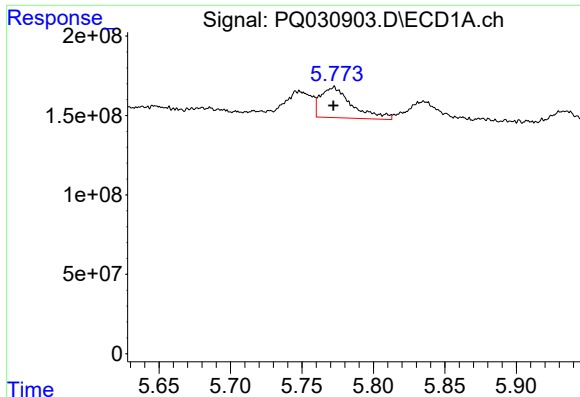
#4 AR-1016-2

R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 259713657
Conc: 113.43 ng/ml



#4 AR-1016-2

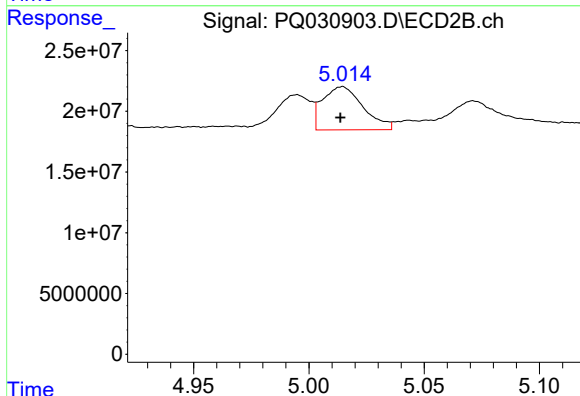
R.T.: 4.995 min
Delta R.T.: 0.000 min
Response: 34548622
Conc: 71.10 ng/ml



#5 AR-1016-3

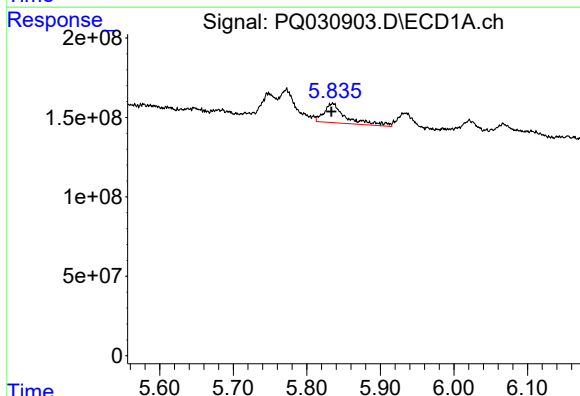
R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 294687797
Conc: 72.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



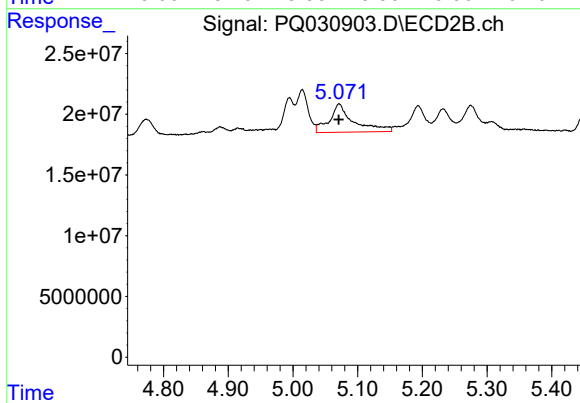
#5 AR-1016-3

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 43475209
Conc: 62.58 ng/ml



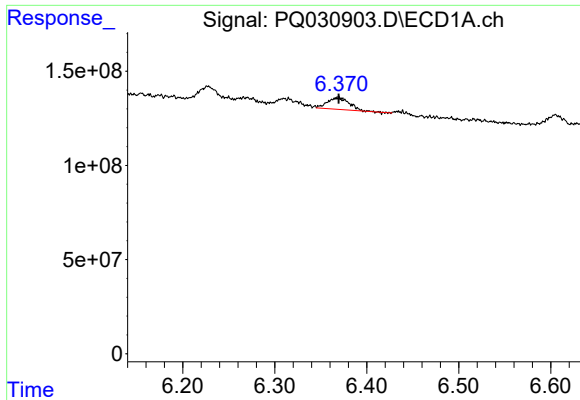
#6 AR-1016-4

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 252221899
Conc: 106.09 ng/ml



#6 AR-1016-4

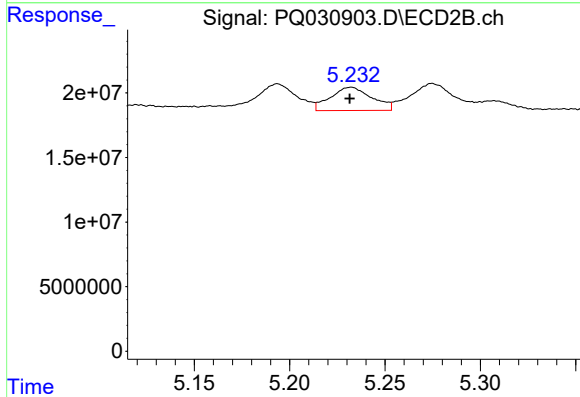
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 60830345
Conc: 136.48 ng/ml



#7 AR-1016-5

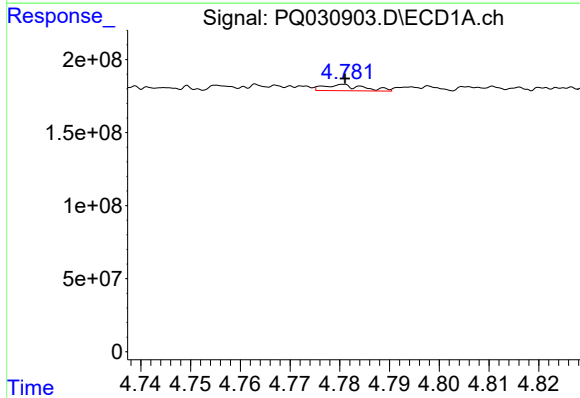
R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 102668973
Conc: 57.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



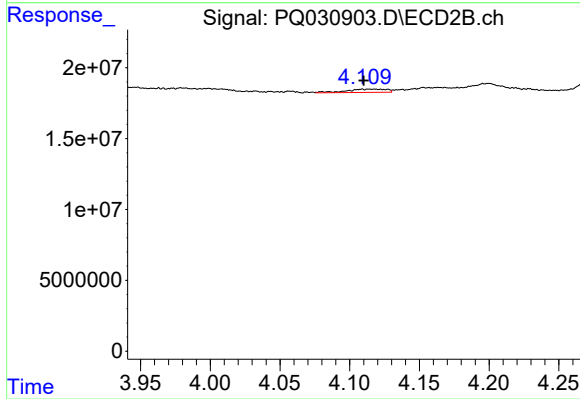
#7 AR-1016-5

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 27224145
Conc: 105.72 ng/ml



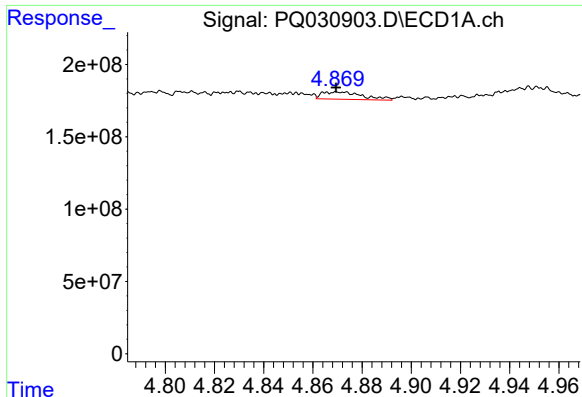
#8 AR-1221-1

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 23376720
Conc: 13.55 ng/ml



#8 AR-1221-1

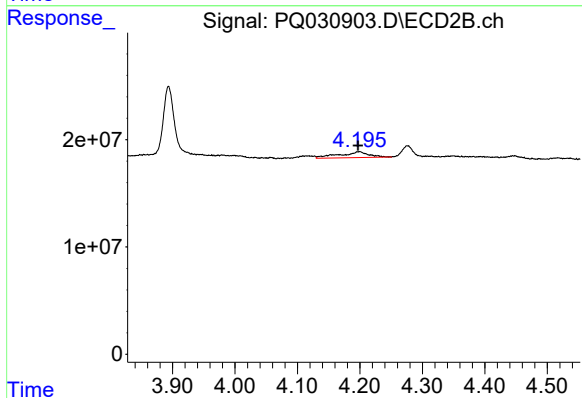
R.T.: 4.109 min
Delta R.T.: 0.000 min
Response: 4750759
Conc: 20.78 ng/ml



#9 AR-1221-2

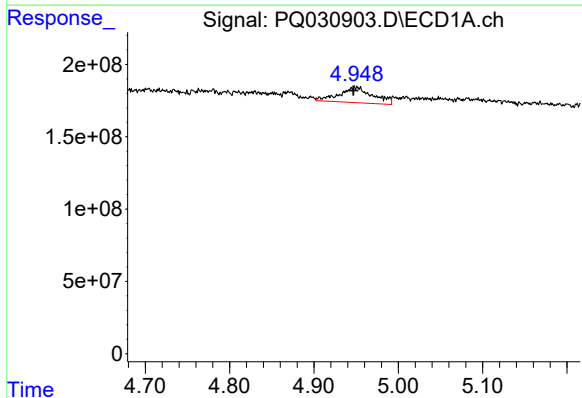
R.T.: 4.871 min
Delta R.T.: 0.001 min
Response: 58499838
Conc: 48.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



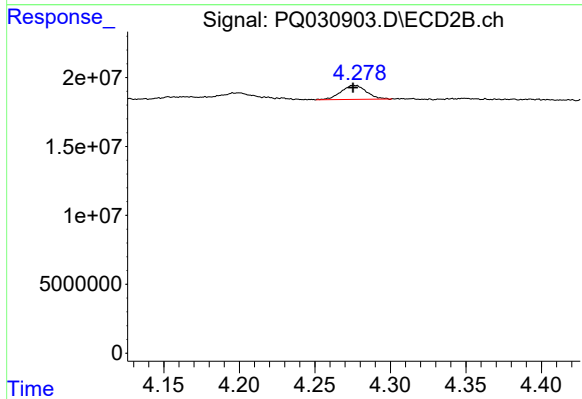
#9 AR-1221-2

R.T.: 4.200 min
Delta R.T.: 0.002 min
Response: 17956974
Conc: 105.05 ng/ml



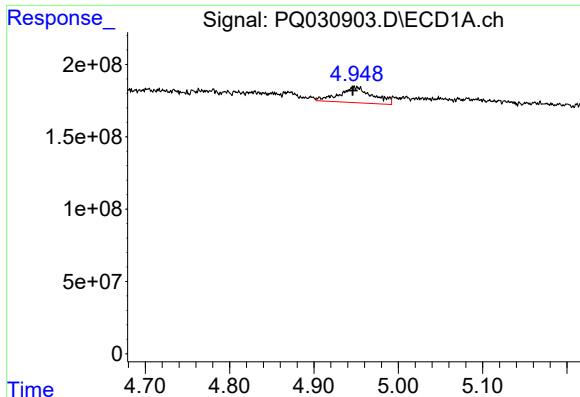
#10 AR-1221-3

R.T.: 4.950 min
Delta R.T.: 0.003 min
Response: 296866235
Conc: 66.43 ng/ml



#10 AR-1221-3

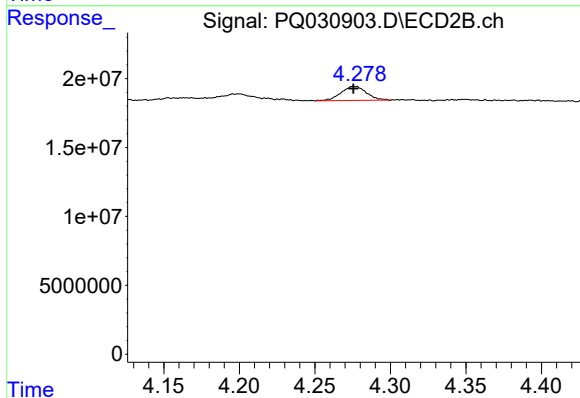
R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 11911878
Conc: 22.87 ng/ml



#11 AR-1232-1

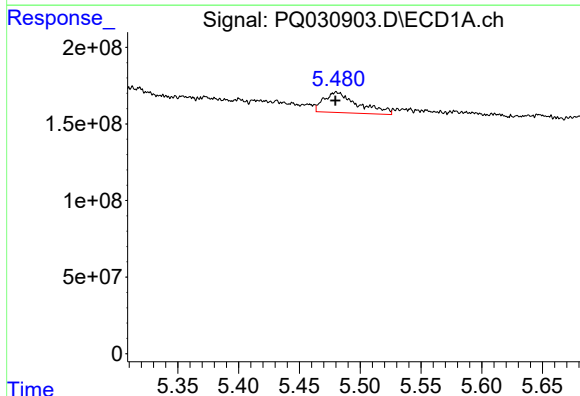
R.T.: 4.950 min
Delta R.T.: 0.004 min
Response: 296866235
Conc: 139.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



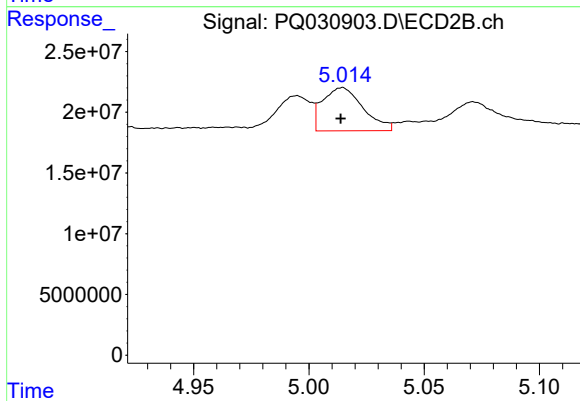
#11 AR-1232-1

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 11911878
Conc: 39.51 ng/ml



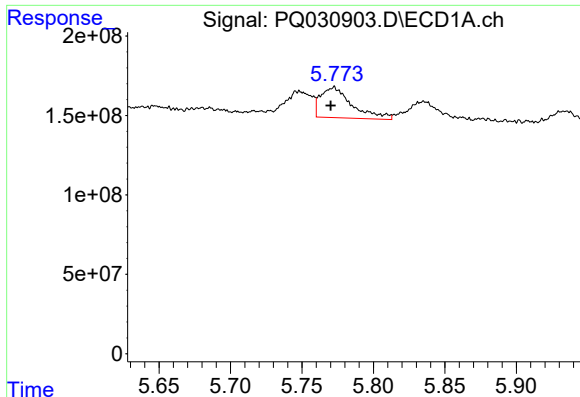
#12 AR-1232-2

R.T.: 5.481 min
Delta R.T.: 0.001 min
Response: 259713657
Conc: 275.23 ng/ml



#12 AR-1232-2

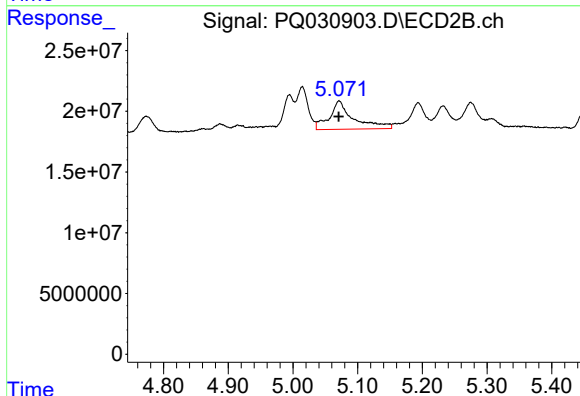
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 43475209
Conc: 127.01 ng/ml



#13 AR-1232-3

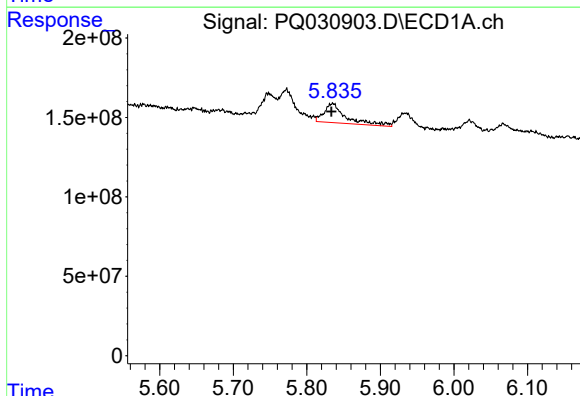
R.T.: 5.772 min
Delta R.T.: 0.002 min
Response: 294687797
Conc: 156.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



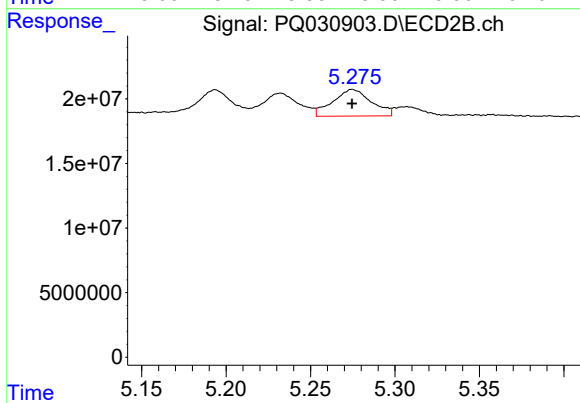
#13 AR-1232-3

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 60830345
Conc: 264.21 ng/ml



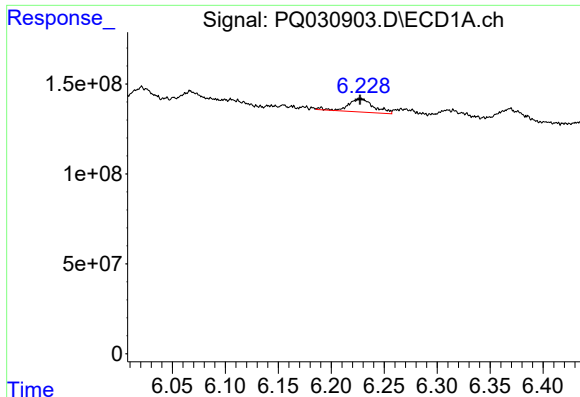
#14 AR-1232-4

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 252221899
Conc: 207.40 ng/ml



#14 AR-1232-4

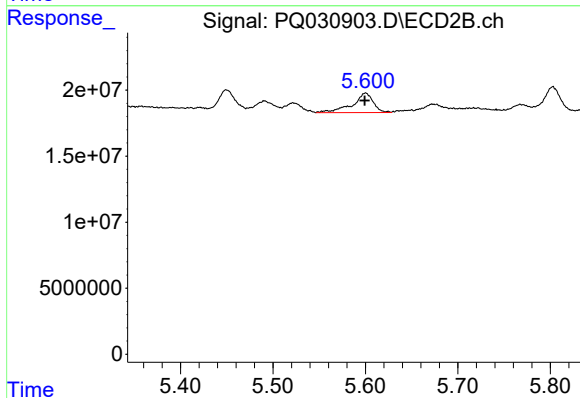
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 32741749
Conc: 242.79 ng/ml



#15 AR-1232-5

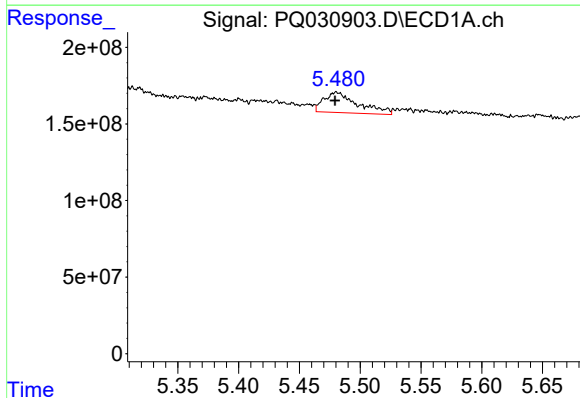
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 124459292
Conc: 155.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



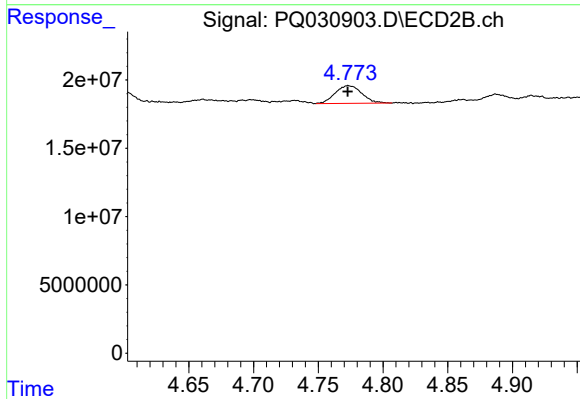
#15 AR-1232-5

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 23100345
Conc: 172.59 ng/ml



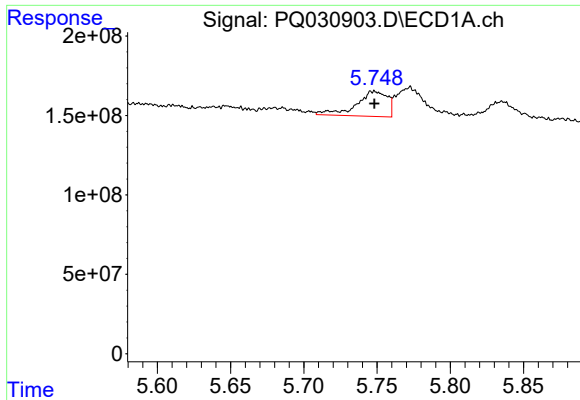
#16 AR-1242-1

R.T.: 5.481 min
Delta R.T.: 0.001 min
Response: 259713657
Conc: 131.33 ng/ml



#16 AR-1242-1

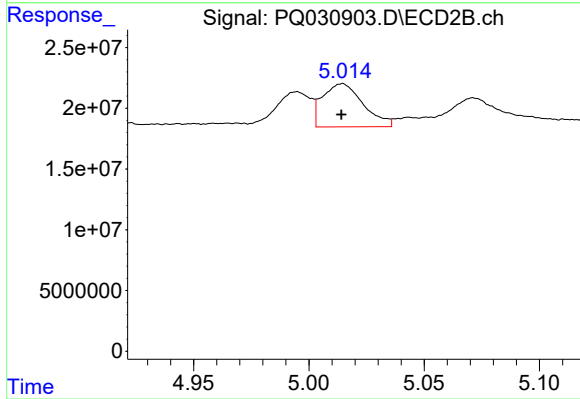
R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 18607122
Conc: 60.38 ng/ml



#17 AR-1242-2

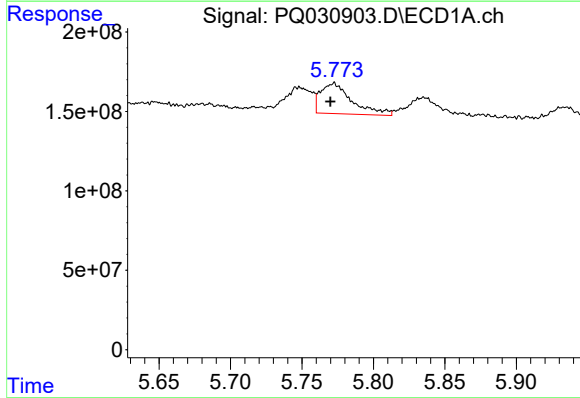
R.T.: 5.748 min
Delta R.T.: 0.000 min
Response: 233495433
Conc: 91.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



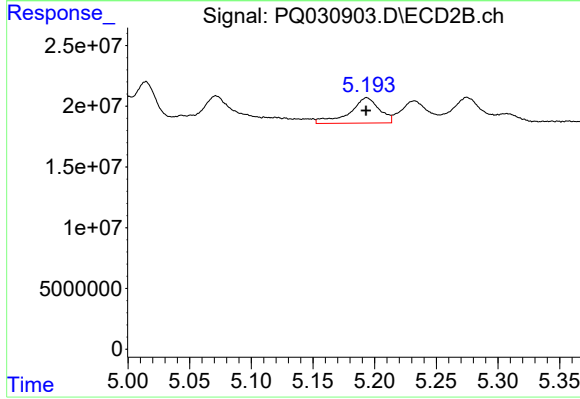
#17 AR-1242-2

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 43475209
Conc: 69.30 ng/ml



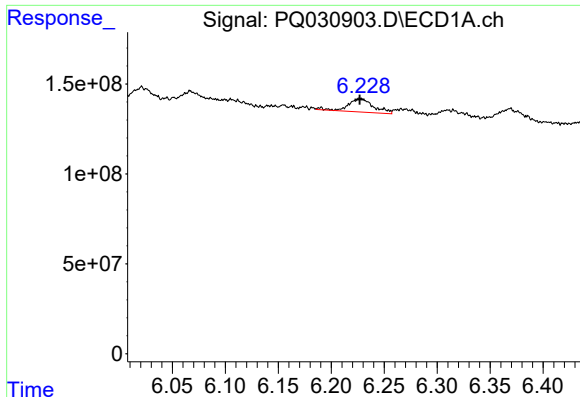
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: 0.002 min
Response: 294687797
Conc: 74.71 ng/ml



#18 AR-1242-3

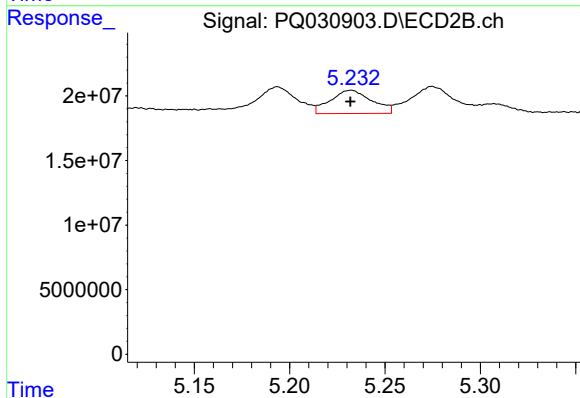
R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 35417676
Conc: 107.02 ng/ml



#19 AR-1242-4

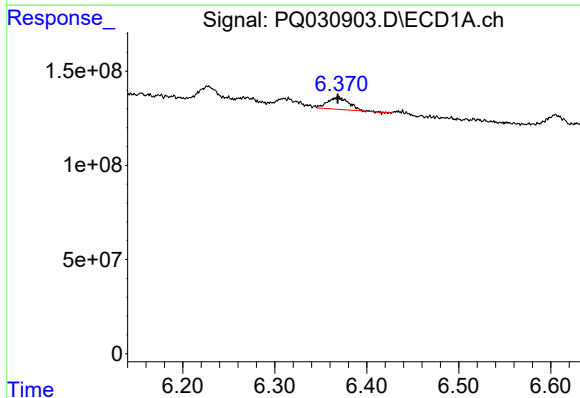
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 124459292
Conc: 76.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



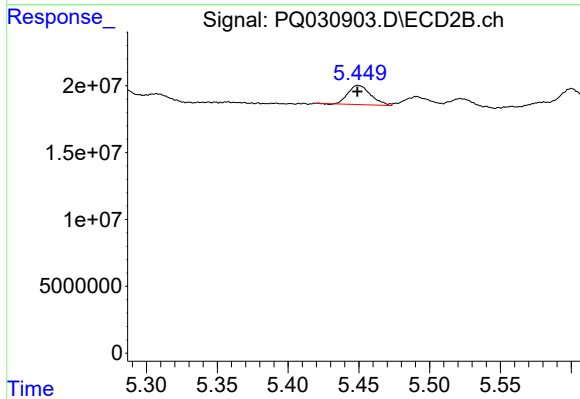
#19 AR-1242-4

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 27224145
Conc: 111.78 ng/ml



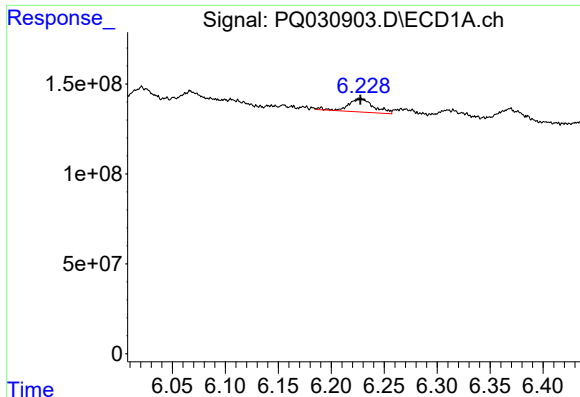
#20 AR-1242-5

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 102668973
Conc: 62.30 ng/ml



#20 AR-1242-5

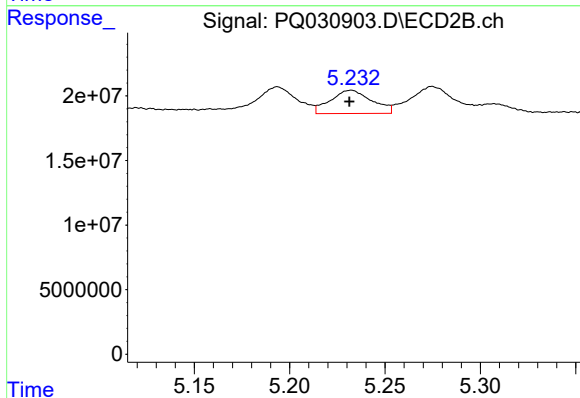
R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 15897420
Conc: 45.18 ng/ml



#21 AR-1248-1

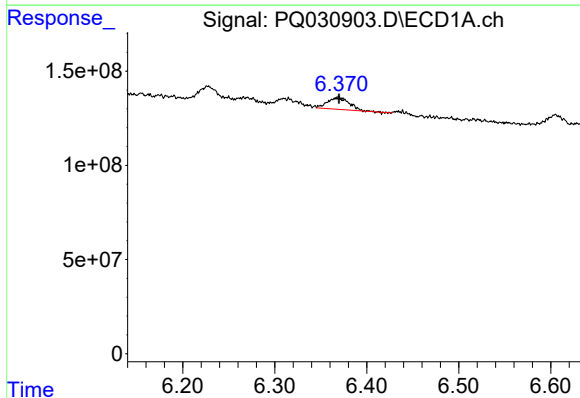
R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 124459292
Conc: 44.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



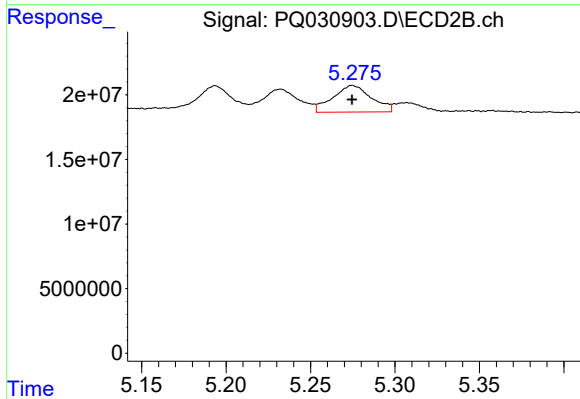
#21 AR-1248-1

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 27224145
Conc: 65.94 ng/ml



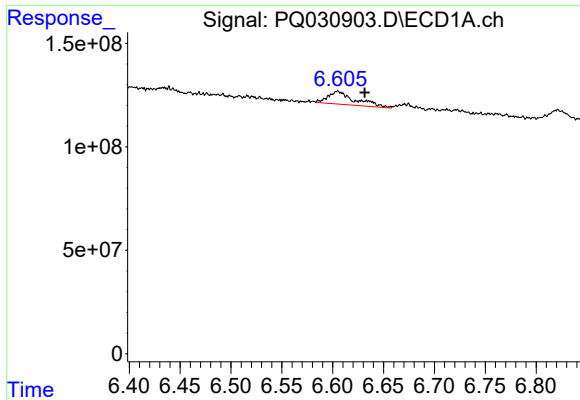
#22 AR-1248-2

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 102668973
Conc: 43.68 ng/ml



#22 AR-1248-2

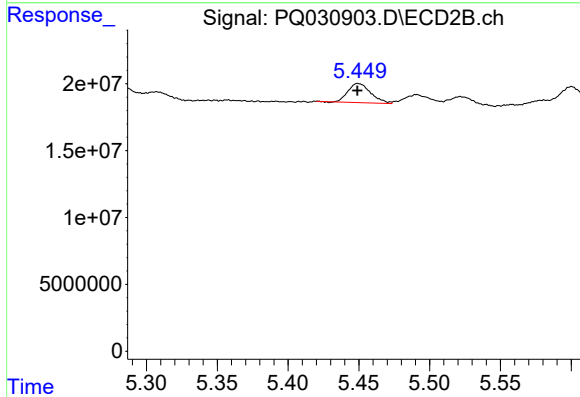
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 32741749
Conc: 74.84 ng/ml



#23 AR-1248-3

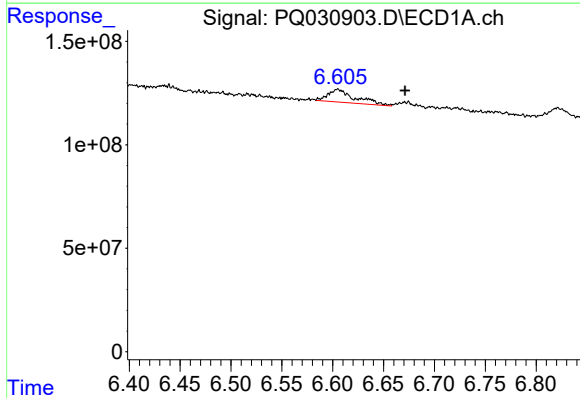
R.T.: 6.605 min
Delta R.T.: -0.027 min
Response: 115050172
Conc: 42.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



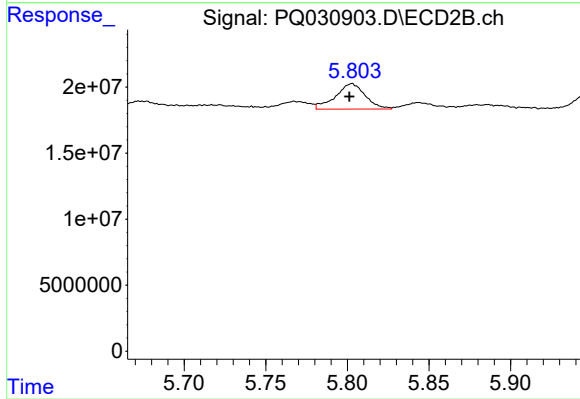
#23 AR-1248-3

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 15897420
Conc: 29.83 ng/ml



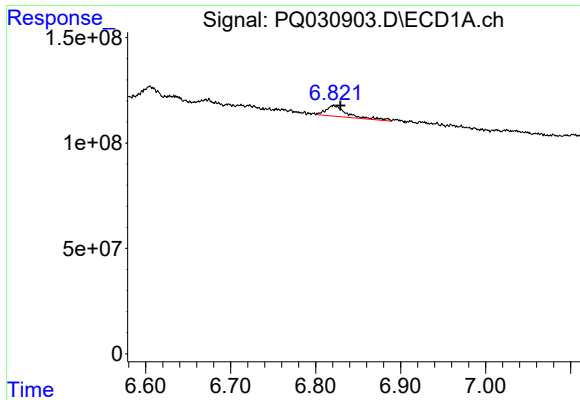
#24 AR-1248-4

R.T.: 6.605 min
Delta R.T.: -0.066 min
Response: 115050172
Conc: 44.06 ng/ml



#24 AR-1248-4

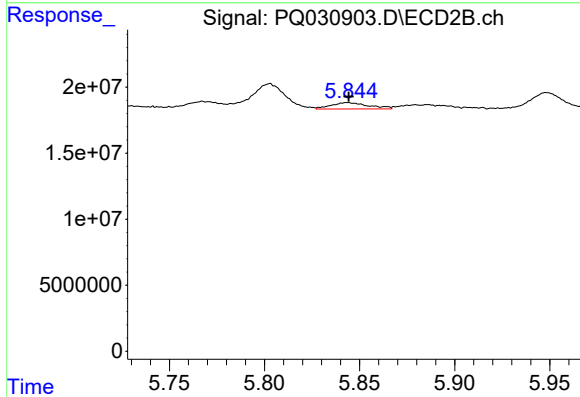
R.T.: 5.803 min
Delta R.T.: 0.001 min
Response: 24406111
Conc: 31.05 ng/ml



#25 AR-1248-5

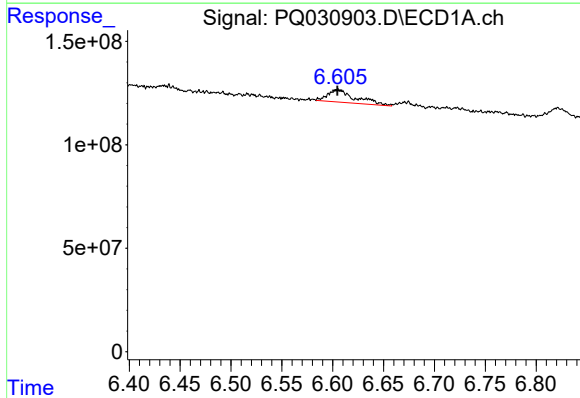
R.T.: 6.821 min
Delta R.T.: -0.008 min
Response: 90091004
Conc: 36.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



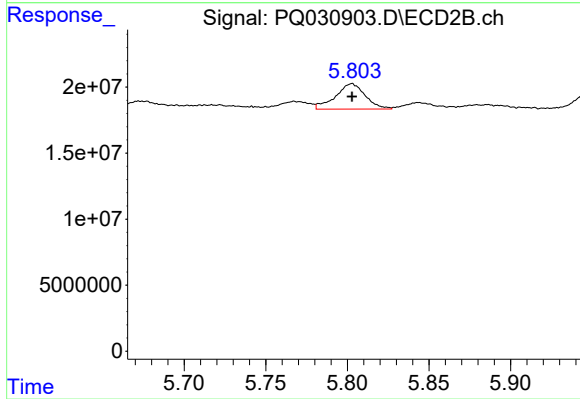
#25 AR-1248-5

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 6674457
Conc: 12.29 ng/ml



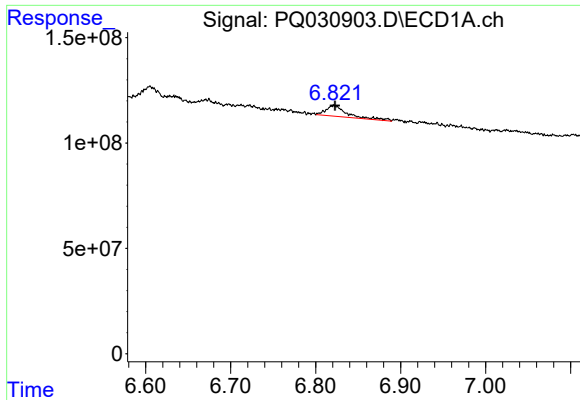
#26 AR-1254-1

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 115050172
Conc: 43.43 ng/ml



#26 AR-1254-1

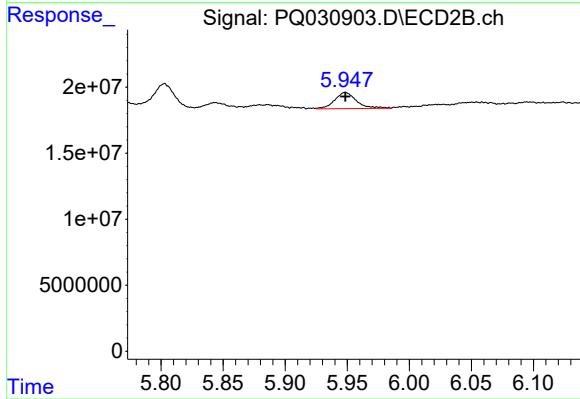
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 24406111
Conc: 30.49 ng/ml



#27 AR-1254-2

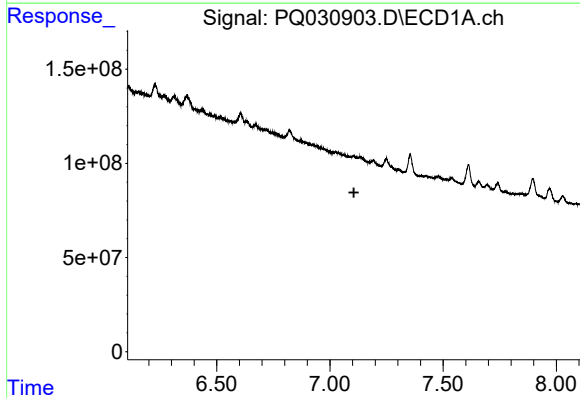
R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 90091004
Conc: 23.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



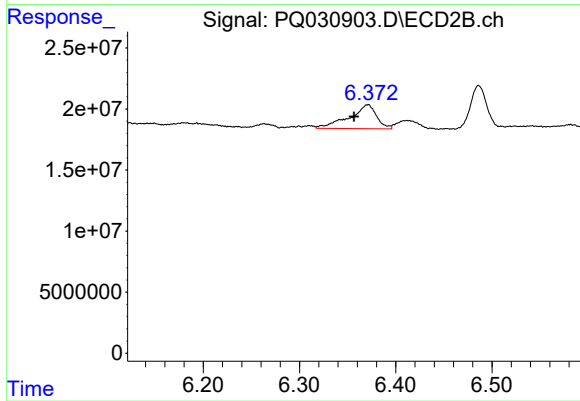
#27 AR-1254-2

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 14910513
Conc: 21.05 ng/ml



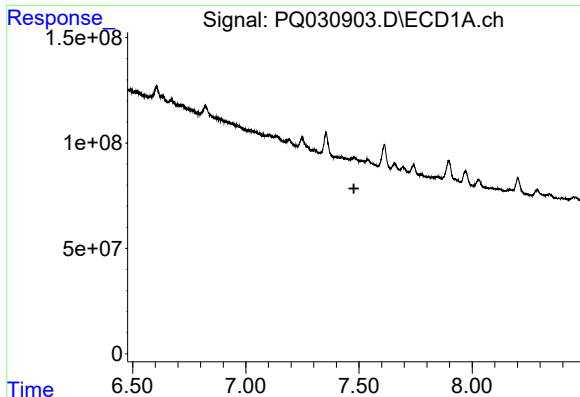
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.106 min
Response: 0
Conc: N.D.



#28 AR-1254-3

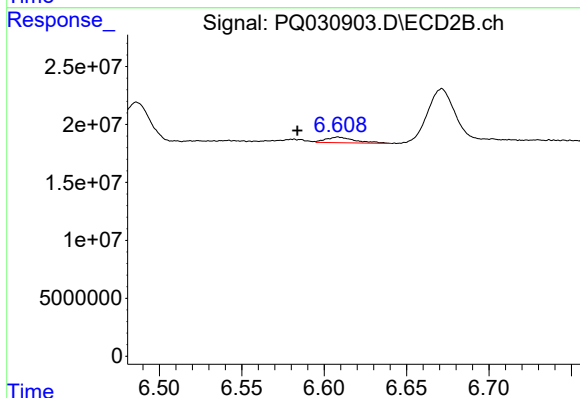
R.T.: 6.371 min
Delta R.T.: 0.014 min
Response: 38439124
Conc: 32.78 ng/ml



#29 AR-1254-4

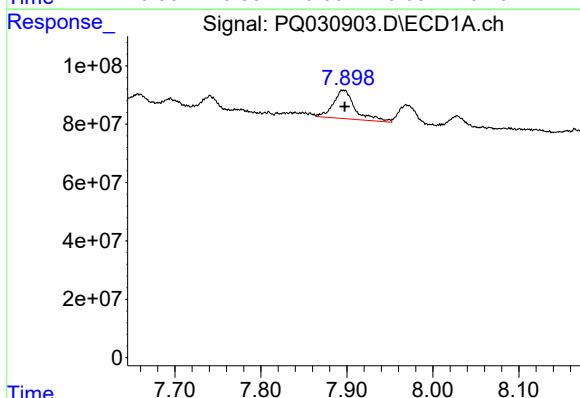
R.T.: 0.000 min
Exp R.T.: 7.477 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



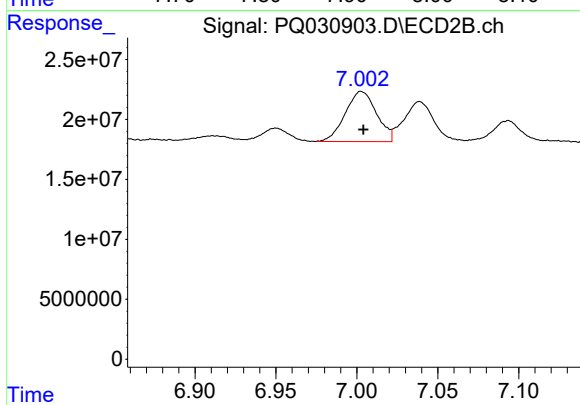
#29 AR-1254-4

R.T.: 6.609 min
Delta R.T.: 0.025 min
Response: 5970588
Conc: 7.97 ng/ml



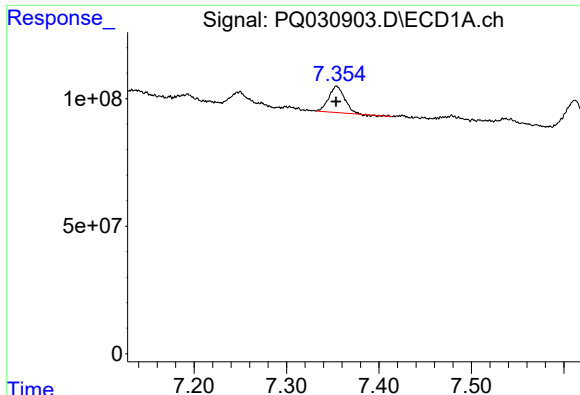
#30 AR-1254-5

R.T.: 7.896 min
Delta R.T.: -0.001 min
Response: 172237146
Conc: 69.83 ng/ml



#30 AR-1254-5

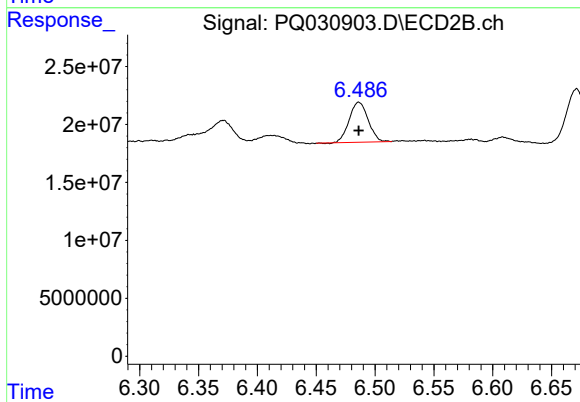
R.T.: 7.003 min
Delta R.T.: -0.001 min
Response: 56502700
Conc: 54.07 ng/ml



#31 AR-1260-1

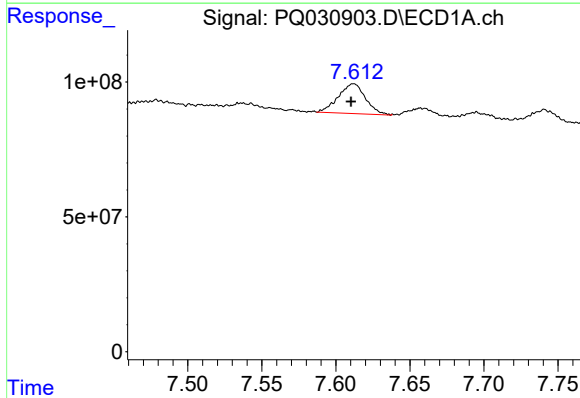
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 121391382
Conc: 52.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



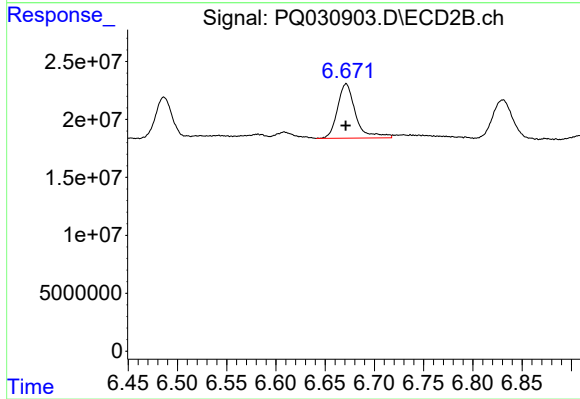
#31 AR-1260-1

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 38791773
Conc: 51.72 ng/ml



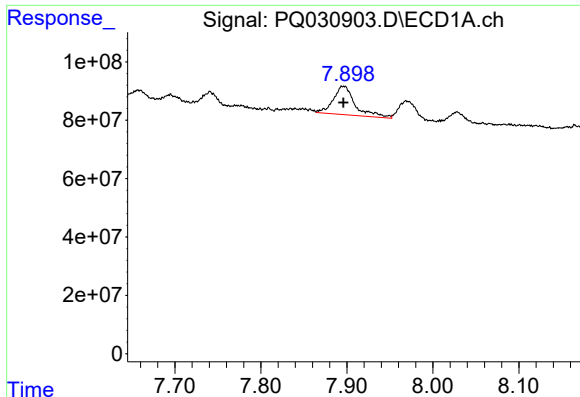
#32 AR-1260-2

R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 140602715
Conc: 57.90 ng/ml



#32 AR-1260-2

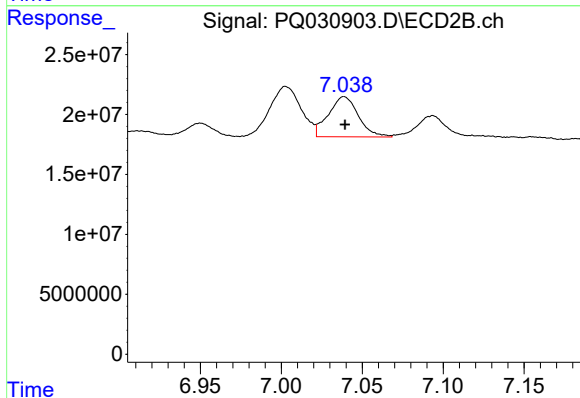
R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 60065894
Conc: 62.43 ng/ml



#33 AR-1260-3

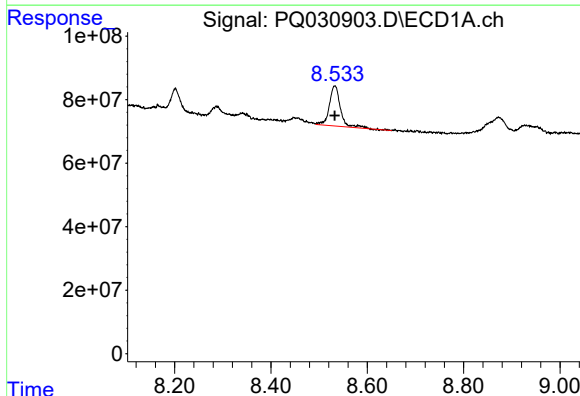
R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 172237146
Conc: 71.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



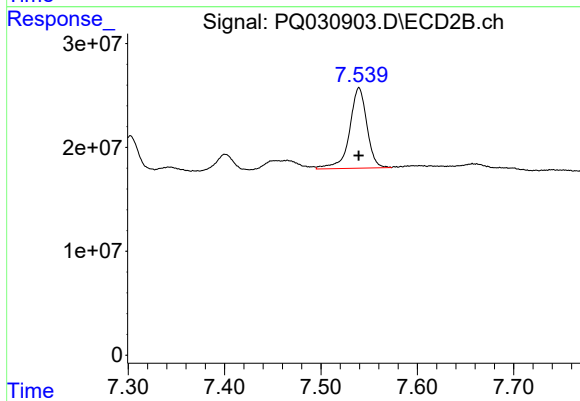
#33 AR-1260-3

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 43273706
Conc: 58.54 ng/ml



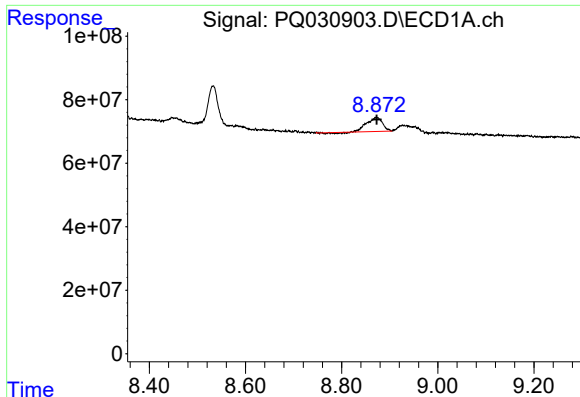
#34 AR-1260-4

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 200529803
Conc: 61.49 ng/ml



#34 AR-1260-4

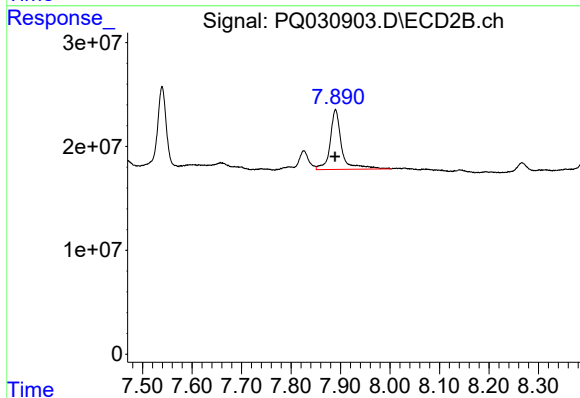
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 96499214
Conc: 56.29 ng/ml



#35 AR-1260-5

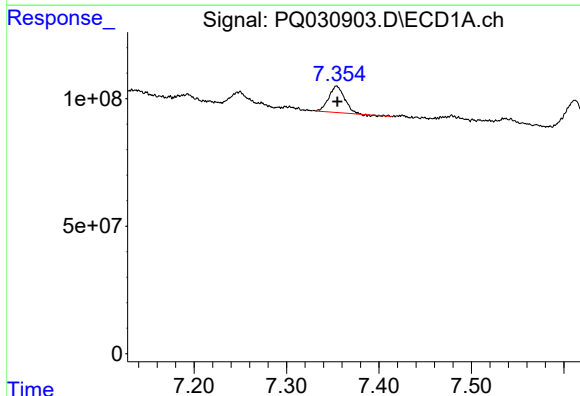
R.T.: 8.873 min
Delta R.T.: 0.000 min
Response: 93889658
Conc: 51.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



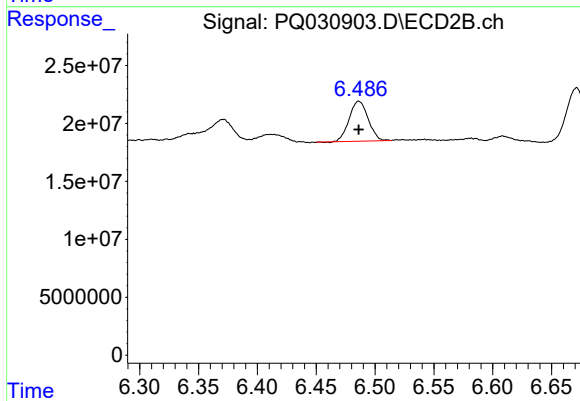
#35 AR-1260-5

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 93529593
Conc: 75.41 ng/ml



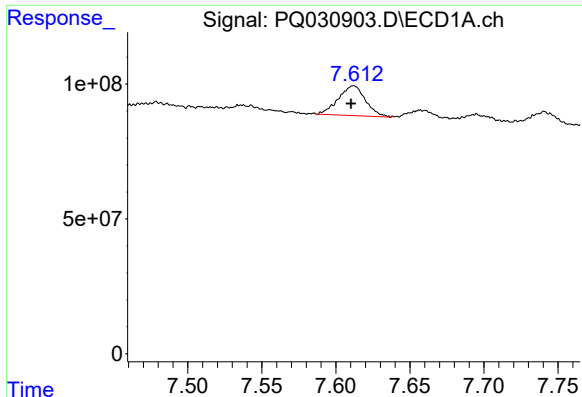
#36 AR-1262-1

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 121391382
Conc: 61.59 ng/ml



#36 AR-1262-1

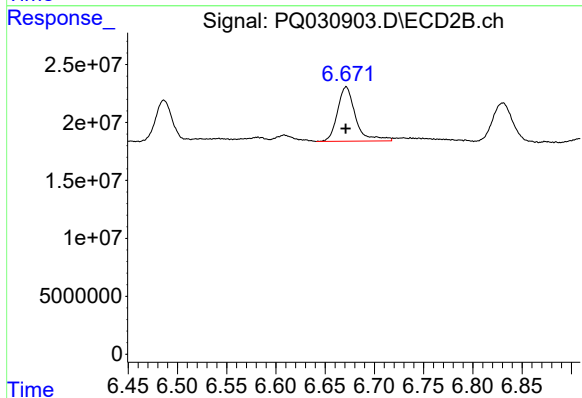
R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 38791773
Conc: 60.34 ng/ml



#37 AR-1262-2

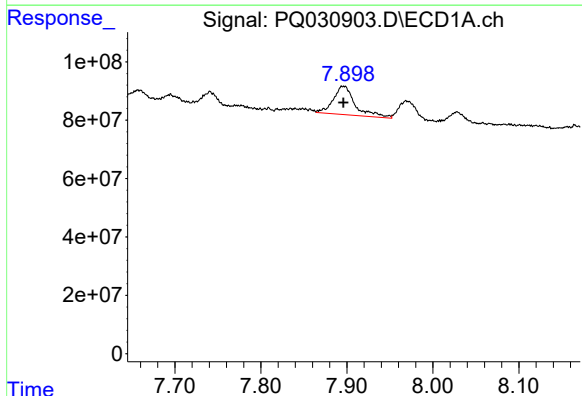
R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 140602715
Conc: 68.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



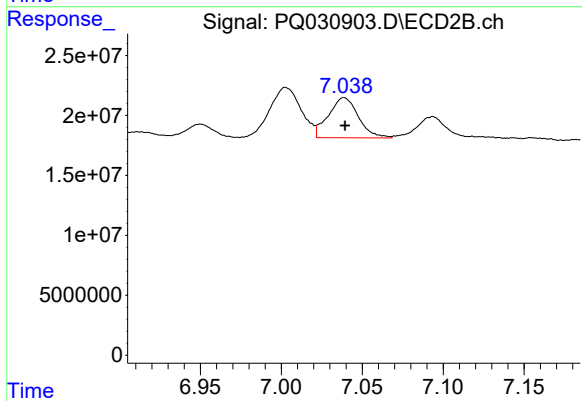
#37 AR-1262-2

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 60065894
Conc: 77.30 ng/ml



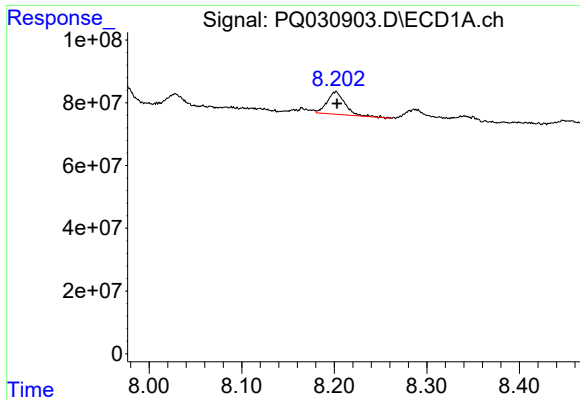
#38 AR-1262-3

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 172237146
Conc: 104.09 ng/ml



#38 AR-1262-3

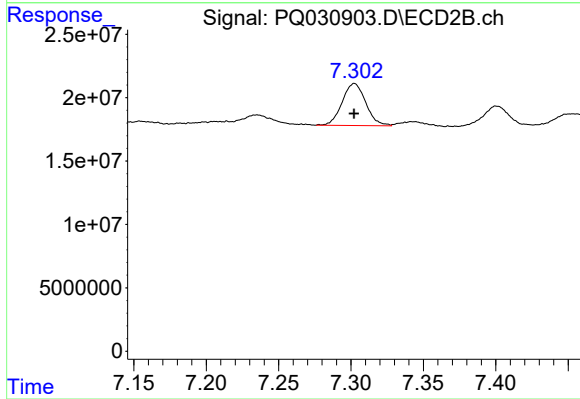
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 43273706
Conc: 40.17 ng/ml



#39 AR-1262-4

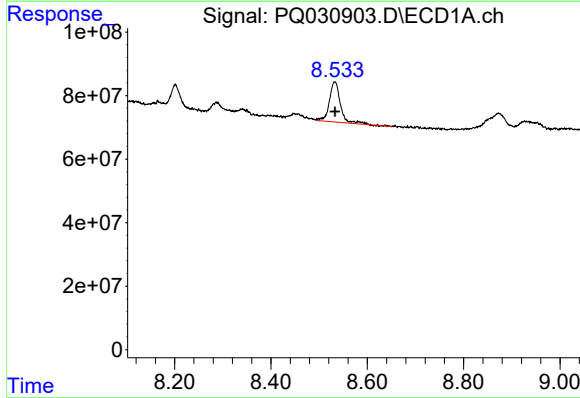
R.T.: 8.202 min
Delta R.T.: -0.001 min
Response: 96639644
Conc: 44.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



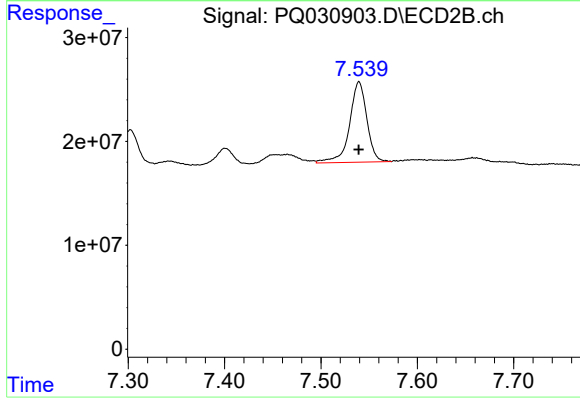
#39 AR-1262-4

R.T.: 7.302 min
Delta R.T.: 0.000 min
Response: 37638955
Conc: 37.64 ng/ml



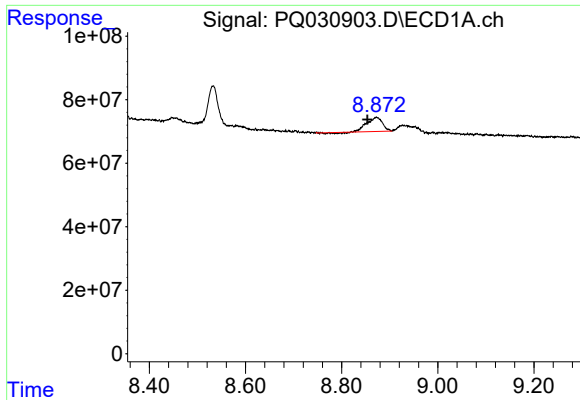
#40 AR-1262-5

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 200529803
Conc: 52.49 ng/ml



#40 AR-1262-5

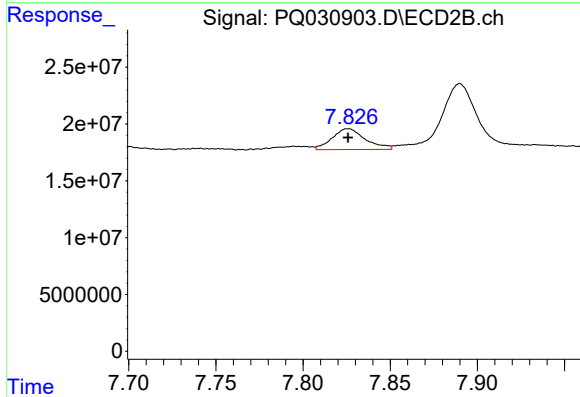
R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 96499214
Conc: 45.92 ng/ml



#41 AR-1268-1

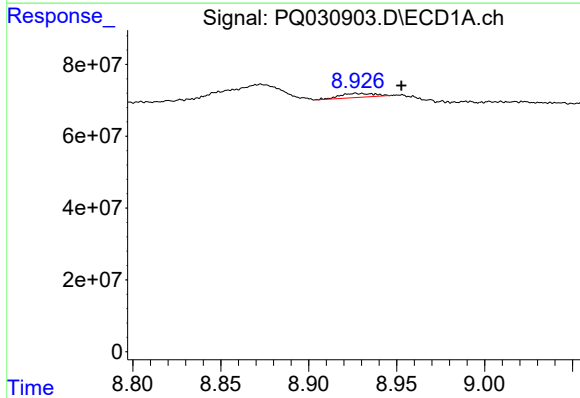
R.T.: 8.873 min
Delta R.T.: 0.019 min
Response: 93889658
Conc: 22.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



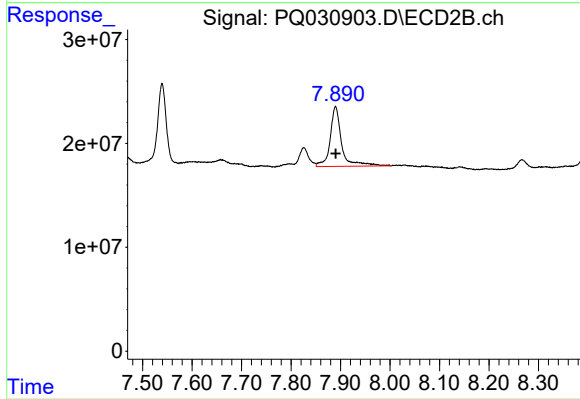
#41 AR-1268-1

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 24434605
Conc: 11.77 ng/ml



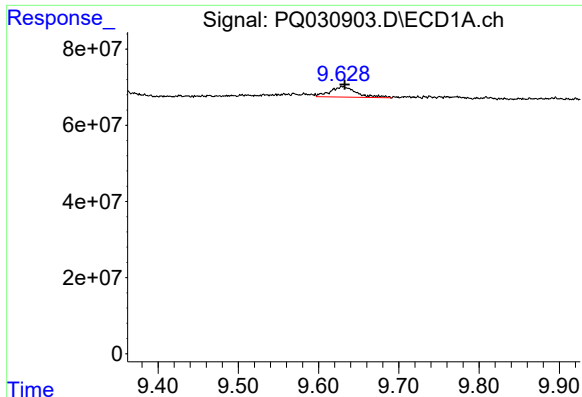
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: -0.025 min
Response: 15229346
Conc: 3.92 ng/ml



#42 AR-1268-2

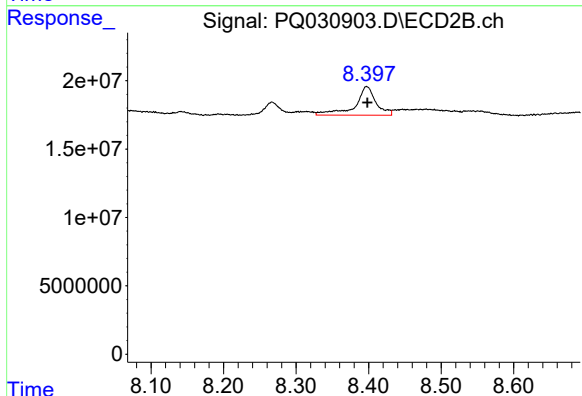
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 93529593
Conc: 47.52 ng/ml



#44 AR-1268-4

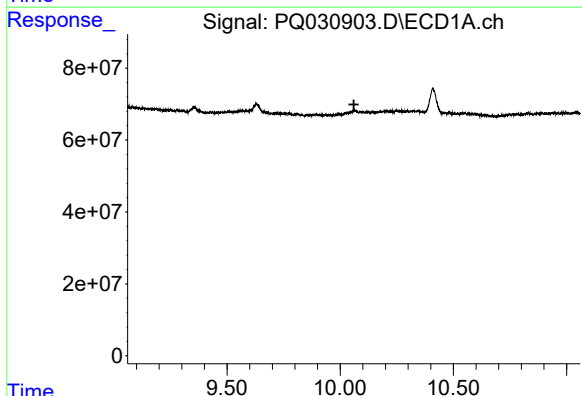
R.T.: 9.630 min
Delta R.T.: -0.003 min
Response: 63749368
Conc: 48.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



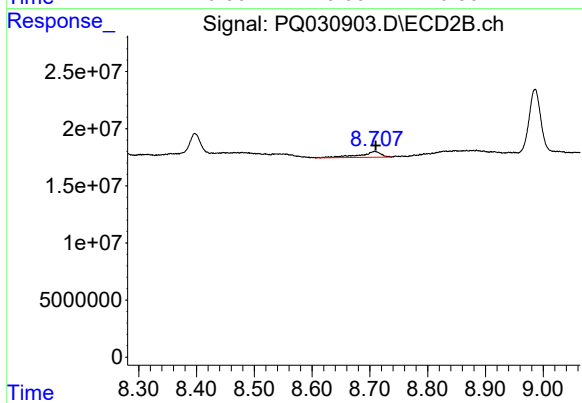
#44 AR-1268-4

R.T.: 8.397 min
Delta R.T.: -0.001 min
Response: 41885894
Conc: 60.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.060 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.708 min
Delta R.T.: -0.001 min
Response: 13310525
Conc: 2.50 ng/ml