

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
 Data File : PQ036767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2019 17:56
 Operator : SM\SJ
 Sample : K1228-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 COMP-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 23:52:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ012419.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 24 06:01:26 2019
 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...	4.346	3.704	95276164	52494247	20.699	21.909
2)	SA Decachlor...	9.945	8.644	51191049	21949834	14.041	11.668
Target Compounds							
3)	L1 AR-1016-1	5.516	4.804	4501199	2114277	32.081	28.070
4)	L1 AR-1016-2	5.516	4.804	4501199	2114277	21.327	18.997
5)	L1 AR-1016-3	5.558	4.970	3540643	1856362	28.563	32.917
6)	L1 AR-1016-4	5.651	5.006	-433776	3334429	N.D.	73.813 #
7)	L1 AR-1016-5	5.928	5.219	16380820	1265703	165.941	21.699 #
9)	L2 AR-1221-2	4.650	4.004	2357118	2306792	70.014	122.903 #
12)	L3 AR-1232-2	5.208	4.804	14616754	2114277	311.001	39.417 #
13)	L3 AR-1232-3	5.516	4.970	4501199	1856362	45.460	72.669 #
14)	L3 AR-1232-4	5.651	5.076	-433776	3254732	N.D.	137.473 #
15)	L3 AR-1232-5	5.770	5.219	2062572	1265703	60.094	50.100
16)	L4 AR-1242-1	5.516	4.804	4501199	2114277	38.834	33.667
17)	L4 AR-1242-2	5.516	4.804	4501199	2114277	25.388	22.654
18)	L4 AR-1242-3	5.558	4.970	3540643	1856362	34.138	39.673
19)	L4 AR-1242-4	5.651	5.076	-433776	3254732	N.D.	71.234 #
20)	L4 AR-1242-5	6.449	5.579	9295504	15240767	102.445	272.262 #
21)	L5 AR-1248-1	5.516	4.804	4501199	2114277	50.090	42.872
22)	L5 AR-1248-2	5.770	5.006	2062572	3334429	16.905	51.394 #
23)	L5 AR-1248-3	5.928	5.076	16380820	3254732	119.278	49.115 #
24)	L5 AR-1248-4	6.374	5.219	48071996	1265703	306.295	15.936 #
25)	L5 AR-1248-5	6.449	5.636	9295504	5836331	62.640	73.866
26)	L6 AR-1254-1	6.374	5.579	48071996	15240767	271.091	113.837 #
27)	L6 AR-1254-2	6.572	5.715	23167485	3115051	88.933	28.149 #
28)	L6 AR-1254-3	6.931	6.110	15707045	9216922	58.666	51.206
29)	L6 AR-1254-4	7.280	6.336	-3249135	2930931	N.D.	22.211 #
30)	L6 AR-1254-5	7.628	6.748	5781554	2510277	28.319	16.715 #
31)	L7 AR-1260-1	7.085	6.235	4032249	1174383	20.704	10.230 #
32)	L7 AR-1260-2	7.340	6.425	17596747	5836098	76.196	41.513 #
33)	L7 AR-1260-3	7.695	6.575	2492312	2465114	17.283	19.233
34)	L7 AR-1260-4	7.923	6.980	2984037	2571670	17.526	29.536 #
35)	L7 AR-1260-5	8.238	7.276	4238146	8167830	12.603	37.410 #
36)	L8 AR-1262-1	7.695	6.748	2492312	2510277	8.998	14.957 #
37)	L8 AR-1262-2	8.238	7.276	4238146	8167830	8.643	26.974 #
38)	L8 AR-1262-3	8.532	7.557	1245254	1938048	5.987	17.255 #
39)	L8 AR-1262-4	8.623	7.625	2723477	3921001	11.227	18.177 #
40)	L8 AR-1262-5	9.252	0.000	1556860	0	9.568	N.D. #
41)	L9 AR-1268-1	8.532	7.557	1245254	1938048	1.974	5.332 #
42)	L9 AR-1268-2	8.623	7.625	2723477	3921001	4.628	11.834 #
43)	L9 AR-1268-3	0.000	7.824	0	1765633	N.D.	6.477 #
44)	L9 AR-1268-4	9.252	0.000	1556860	0	7.994	N.D. #

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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.637	8.403	2988215	1384174	1.841	1.598

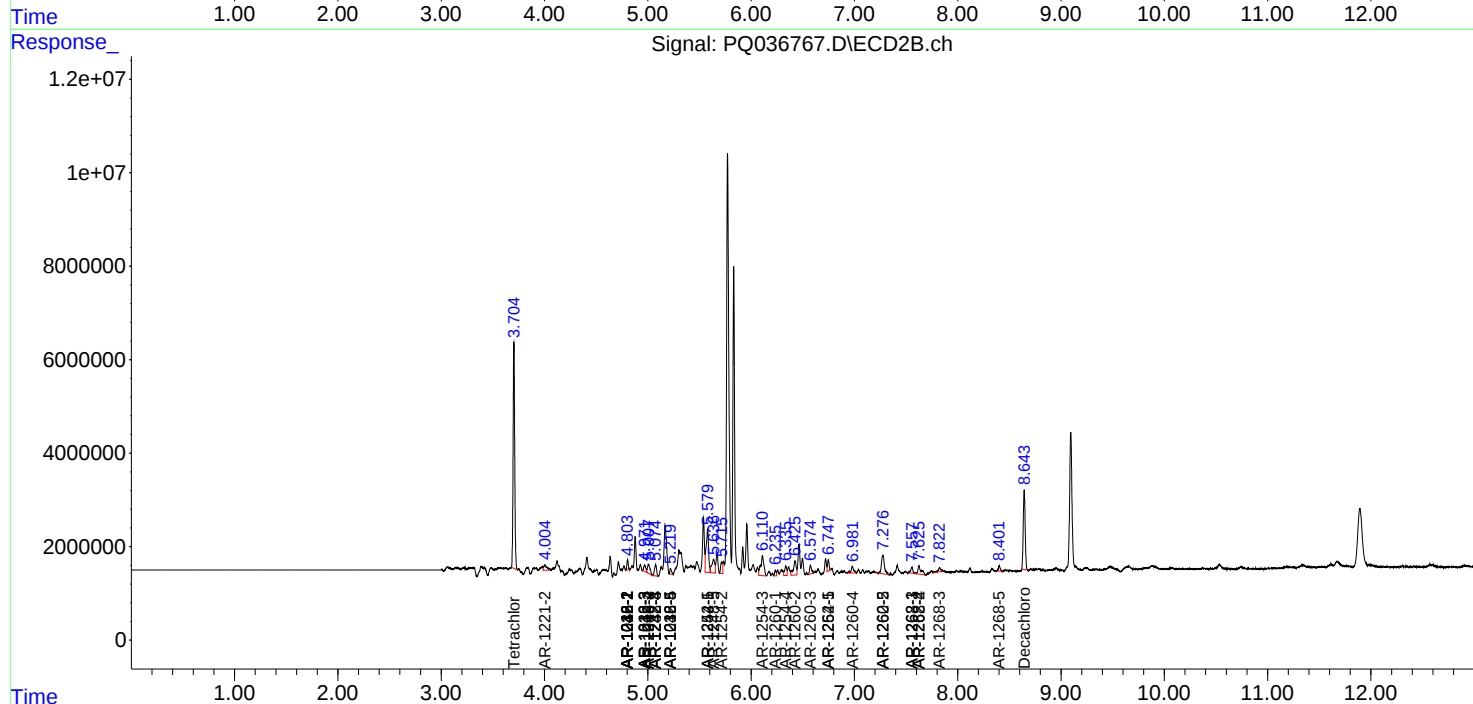
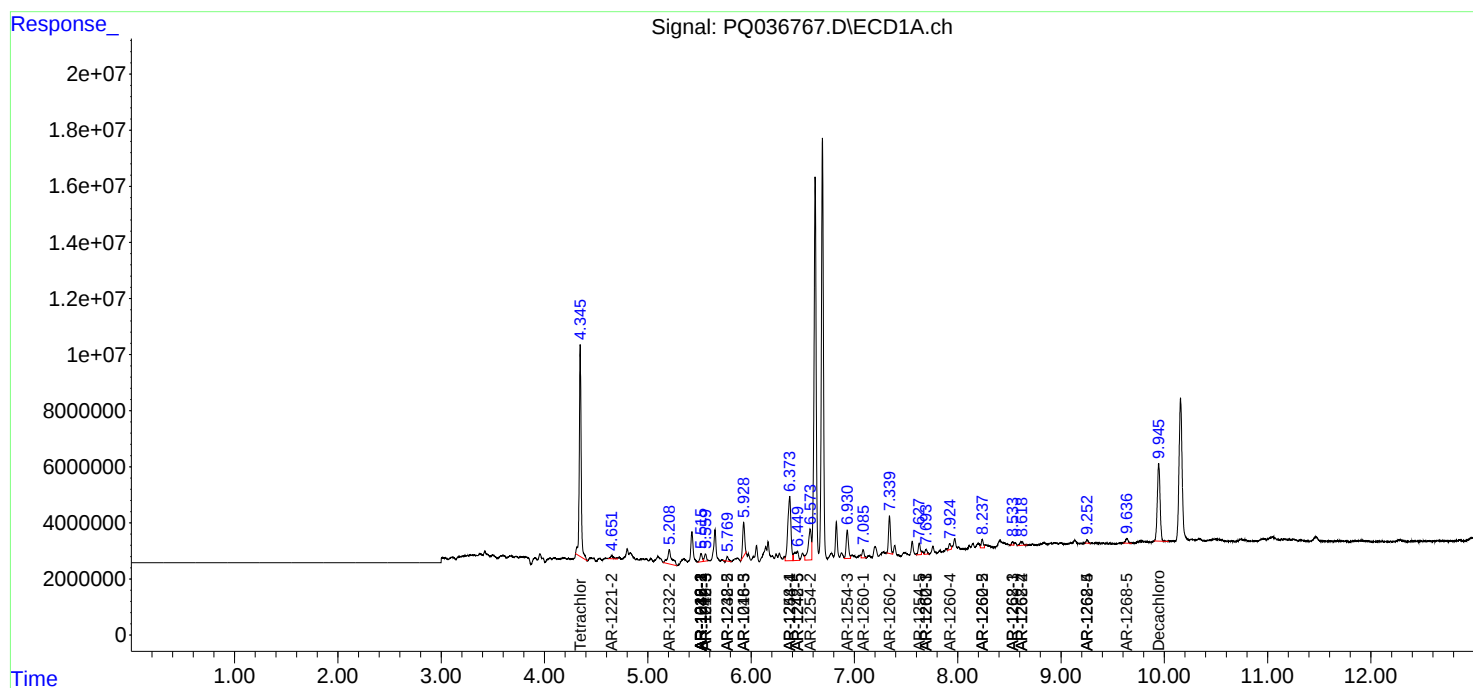
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

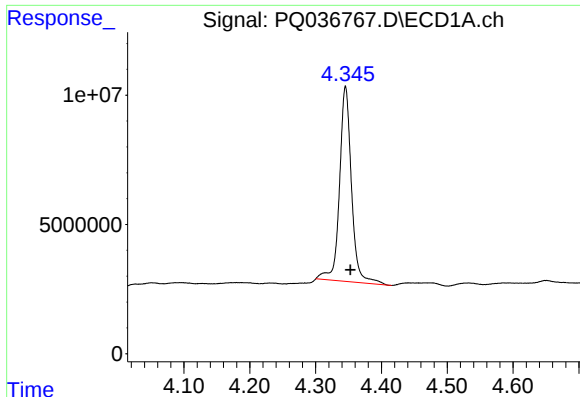
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ012619\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

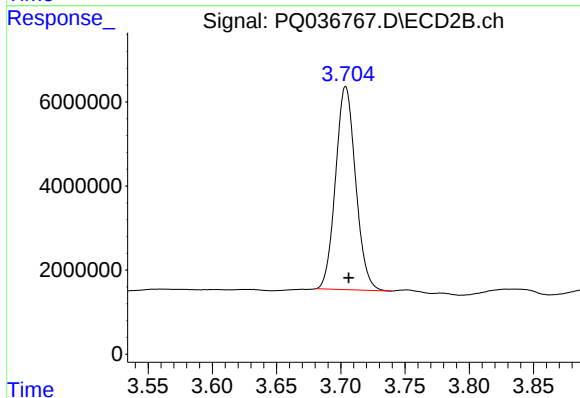




#1 Tetrachloro-m-xylene

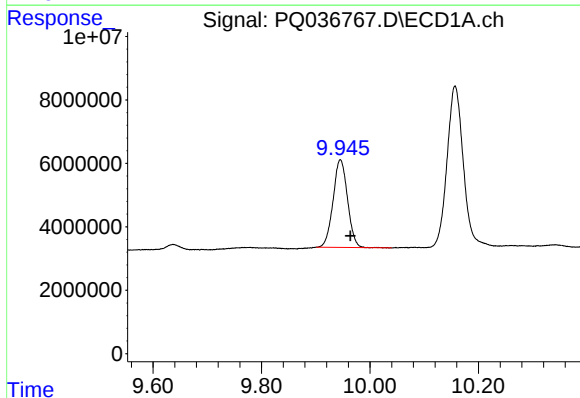
R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 95276164
Conc: 20.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



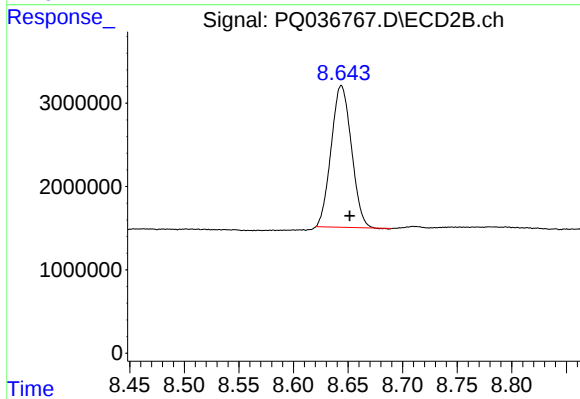
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.002 min
Response: 52494247
Conc: 21.91 ng/ml



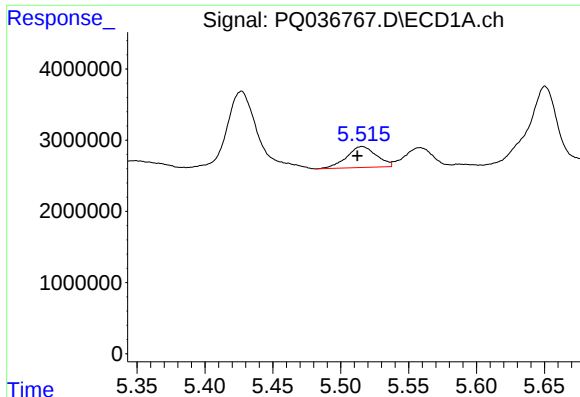
#2 Decachlorobiphenyl

R.T.: 9.945 min
Delta R.T.: -0.018 min
Response: 51191049
Conc: 14.04 ng/ml



#2 Decachlorobiphenyl

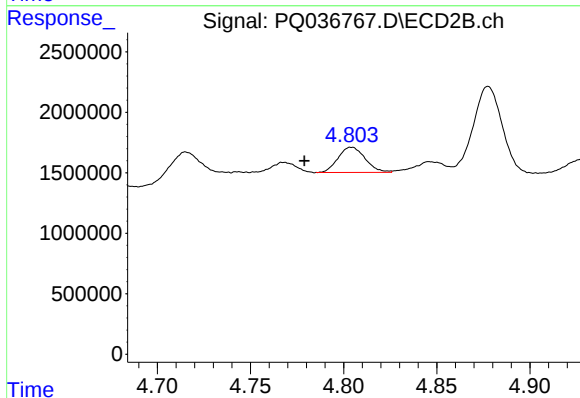
R.T.: 8.644 min
Delta R.T.: -0.008 min
Response: 21949834
Conc: 11.67 ng/ml



#3 AR-1016-1

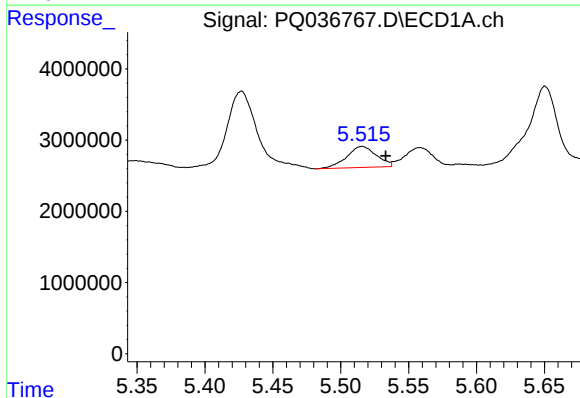
R.T.: 5.516 min
Delta R.T.: 0.003 min
Response: 4501199
Conc: 32.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



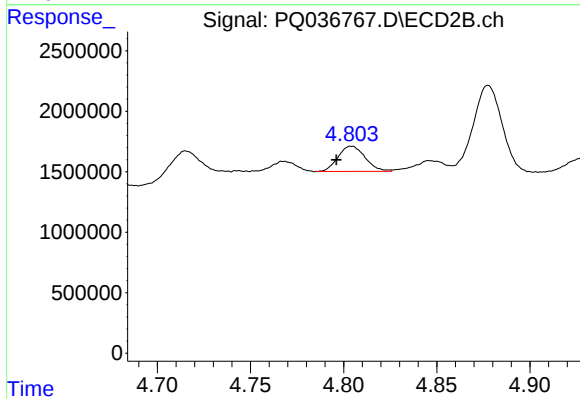
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: 0.025 min
Response: 2114277
Conc: 28.07 ng/ml



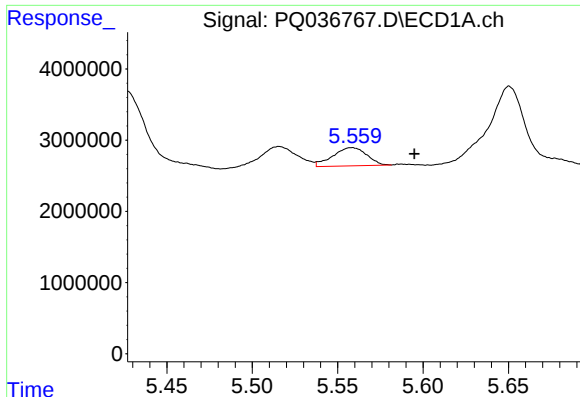
#4 AR-1016-2

R.T.: 5.516 min
Delta R.T.: -0.017 min
Response: 4501199
Conc: 21.33 ng/ml



#4 AR-1016-2

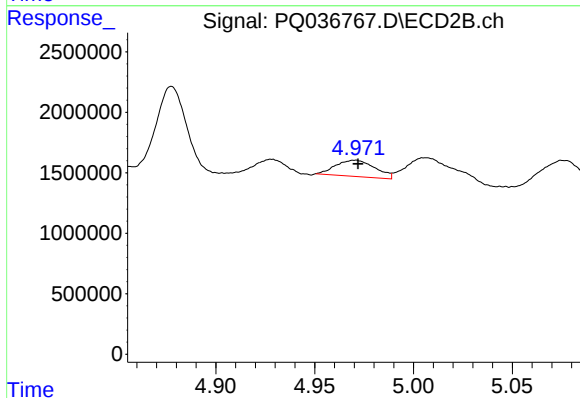
R.T.: 4.804 min
Delta R.T.: 0.008 min
Response: 2114277
Conc: 19.00 ng/ml



#5 AR-1016-3

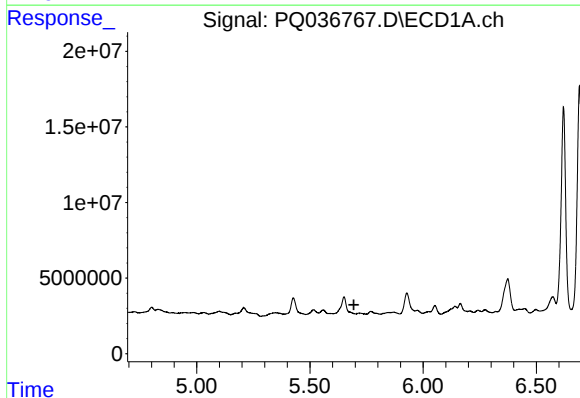
R.T.: 5.558 min
Delta R.T.: -0.037 min
Response: 3540643
Conc: 28.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



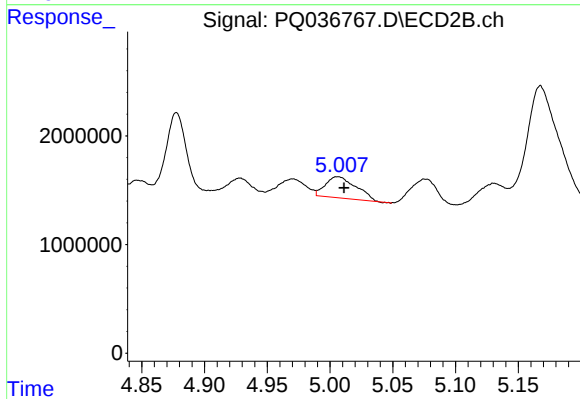
#5 AR-1016-3

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 1856362
Conc: 32.92 ng/ml



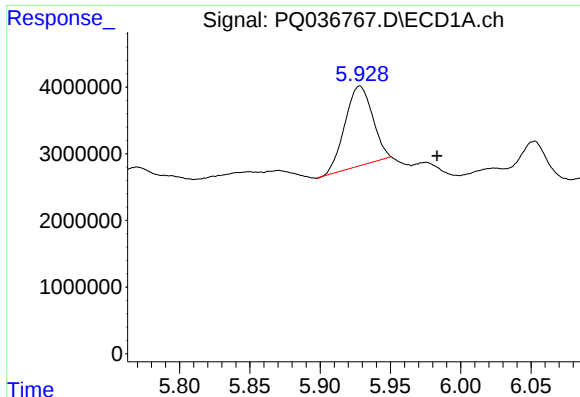
#6 AR-1016-4

R.T.: 5.651 min
Delta R.T.: -0.044 min
Response: -433776
Conc: N.D.



#6 AR-1016-4

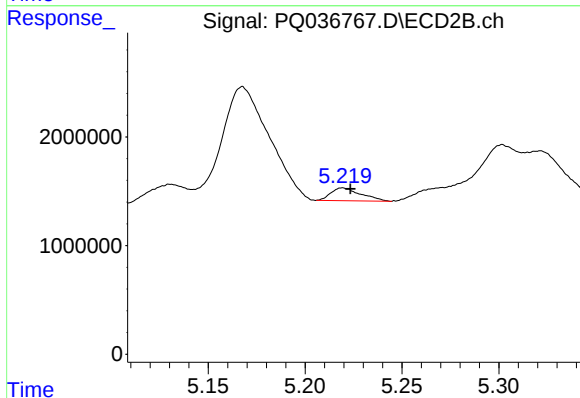
R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 3334429
Conc: 73.81 ng/ml



#7 AR-1016-5

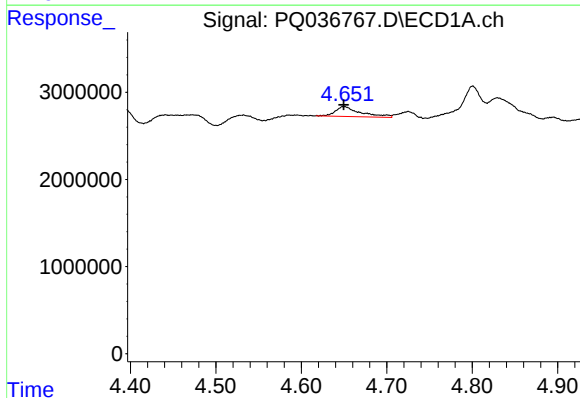
R.T.: 5.928 min
Delta R.T.: -0.055 min
Response: 16380820
Conc: 165.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



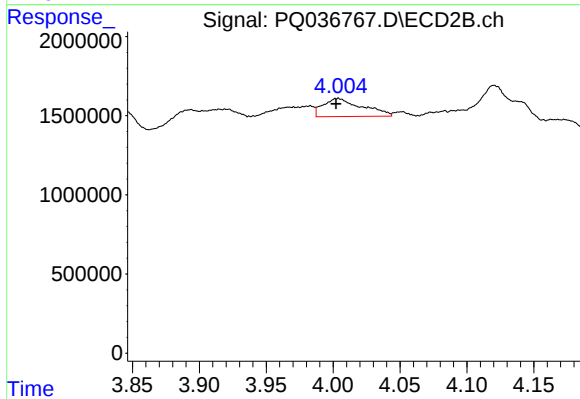
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 1265703
Conc: 21.70 ng/ml



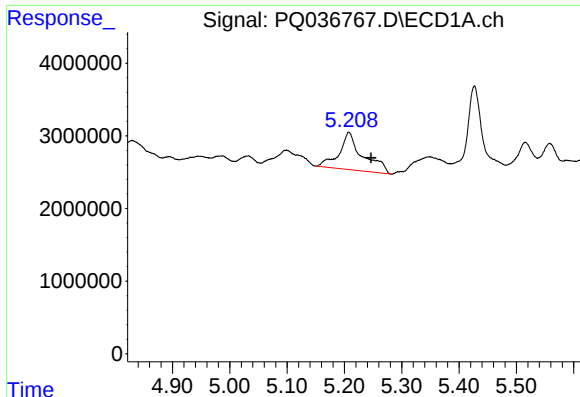
#9 AR-1221-2

R.T.: 4.650 min
Delta R.T.: 0.000 min
Response: 2357118
Conc: 70.01 ng/ml



#9 AR-1221-2

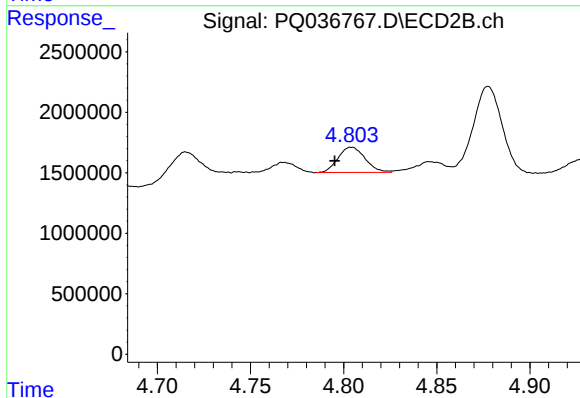
R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 2306792
Conc: 122.90 ng/ml



#12 AR-1232-2

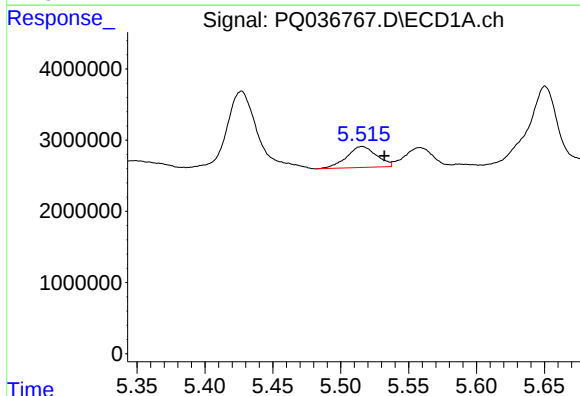
R.T.: 5.208 min
Delta R.T.: -0.039 min
Response: 14616754
Conc: 311.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



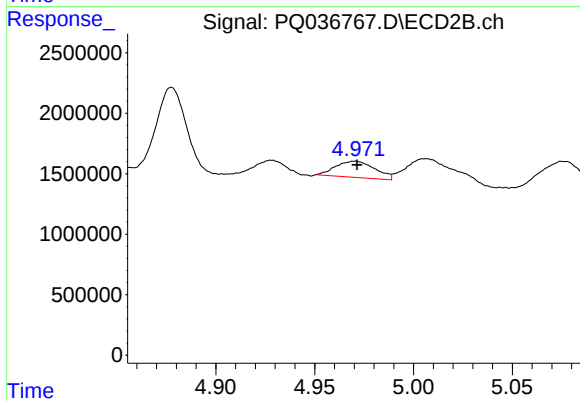
#12 AR-1232-2

R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 2114277
Conc: 39.42 ng/ml



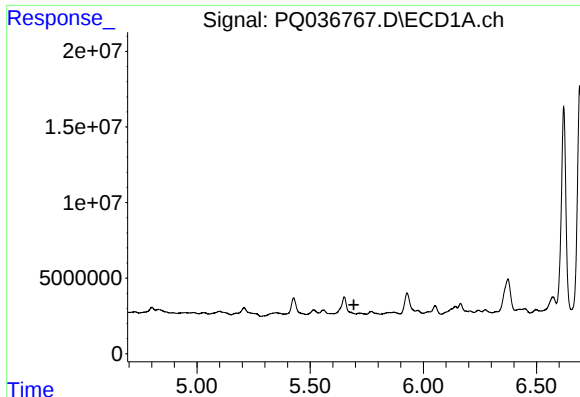
#13 AR-1232-3

R.T.: 5.516 min
Delta R.T.: -0.016 min
Response: 4501199
Conc: 45.46 ng/ml



#13 AR-1232-3

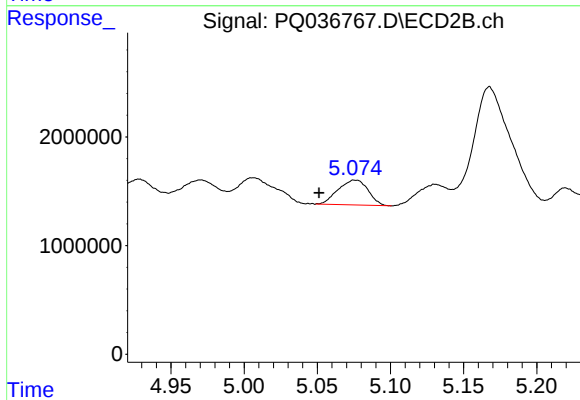
R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 1856362
Conc: 72.67 ng/ml



#14 AR-1232-4

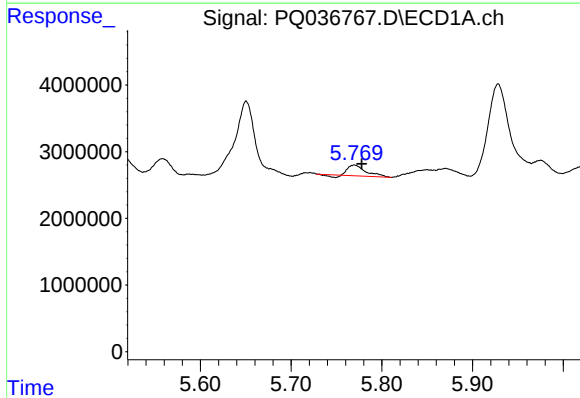
R.T.: 5.651 min
Delta R.T.: -0.043 min
Response: -433776
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
COMP-1



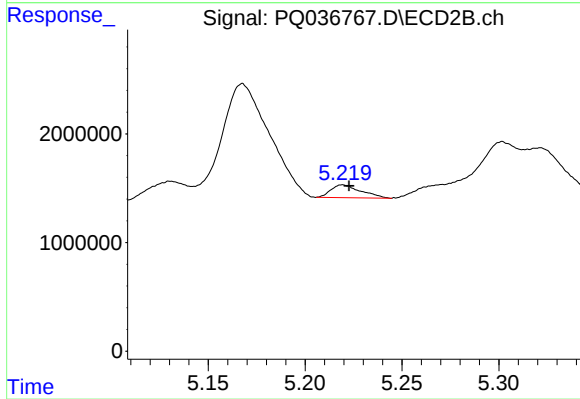
#14 AR-1232-4

R.T.: 5.076 min
Delta R.T.: 0.025 min
Response: 3254732
Conc: 137.47 ng/ml



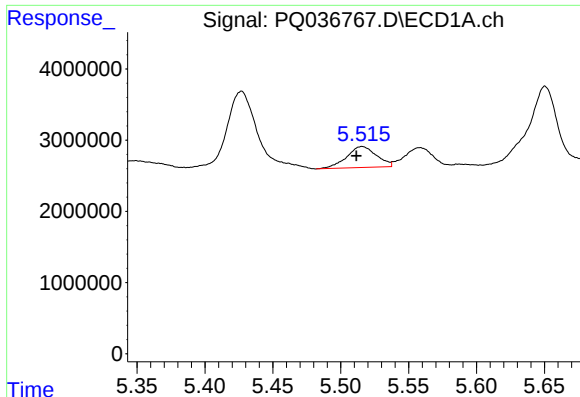
#15 AR-1232-5

R.T.: 5.770 min
Delta R.T.: -0.008 min
Response: 2062572
Conc: 60.09 ng/ml



#15 AR-1232-5

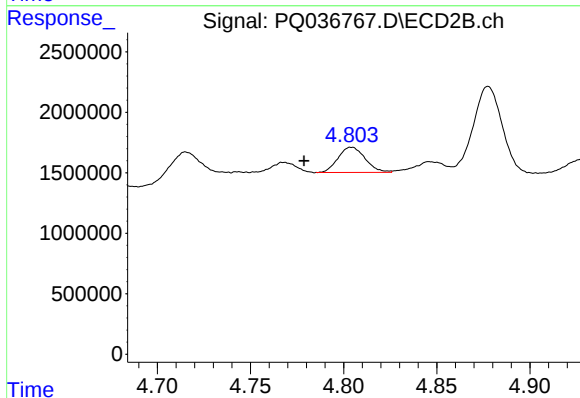
R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 1265703
Conc: 50.10 ng/ml



#16 AR-1242-1

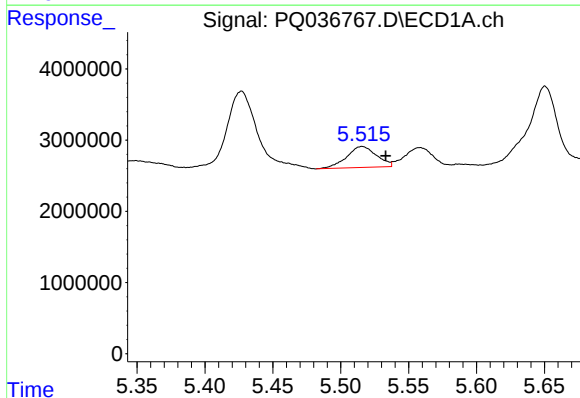
R.T.: 5.516 min
Delta R.T.: 0.004 min
Response: 4501199
Conc: 38.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



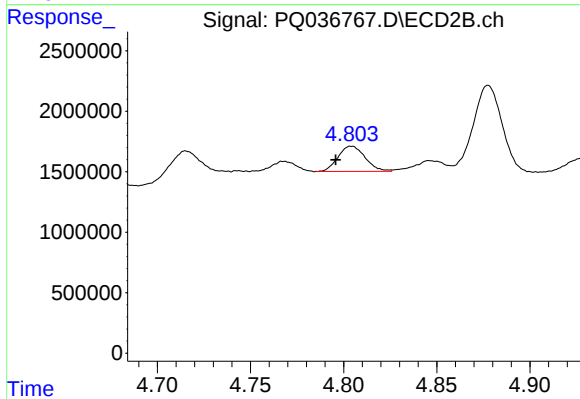
#16 AR-1242-1

R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 2114277
Conc: 33.67 ng/ml



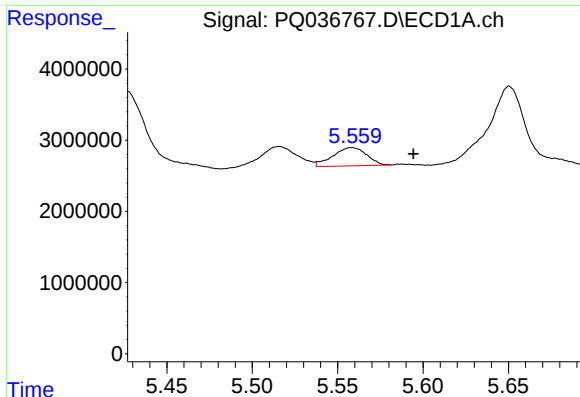
#17 AR-1242-2

R.T.: 5.516 min
Delta R.T.: -0.017 min
Response: 4501199
Conc: 25.39 ng/ml



#17 AR-1242-2

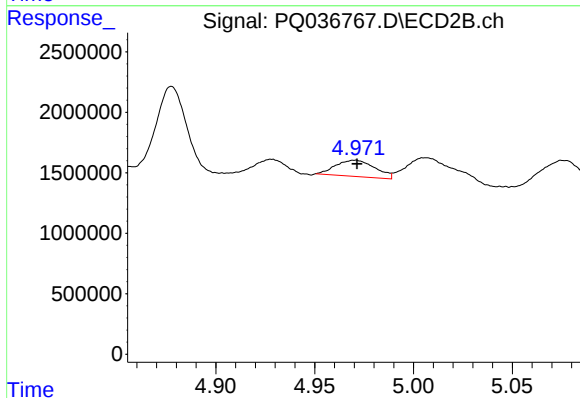
R.T.: 4.804 min
Delta R.T.: 0.009 min
Response: 2114277
Conc: 22.65 ng/ml



#18 AR-1242-3

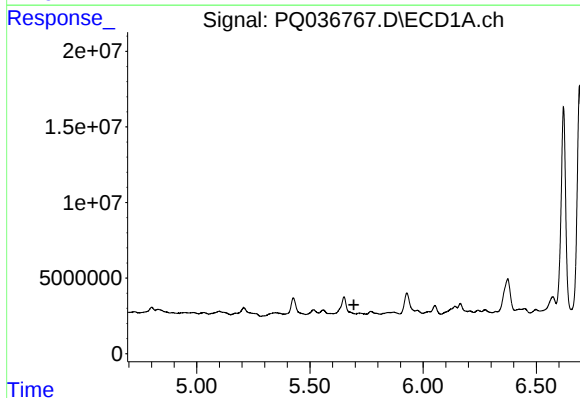
R.T.: 5.558 min
Delta R.T.: -0.036 min
Response: 3540643
Conc: 34.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



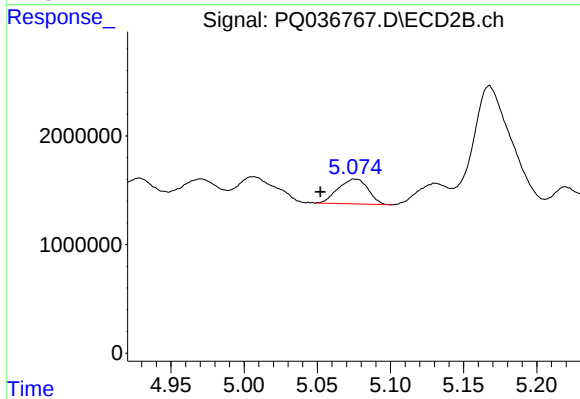
#18 AR-1242-3

R.T.: 4.970 min
Delta R.T.: -0.001 min
Response: 1856362
Conc: 39.67 ng/ml



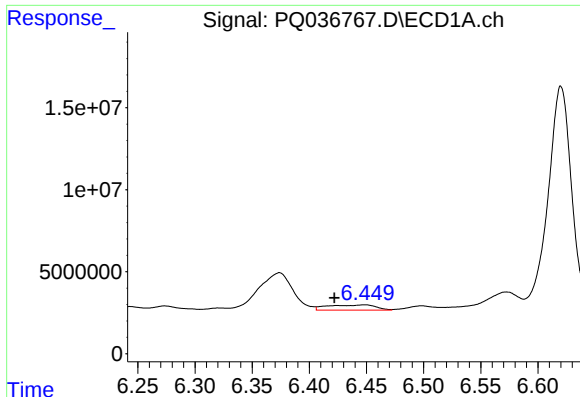
#19 AR-1242-4

R.T.: 5.651 min
Delta R.T.: -0.044 min
Response: -433776
Conc: N.D.



#19 AR-1242-4

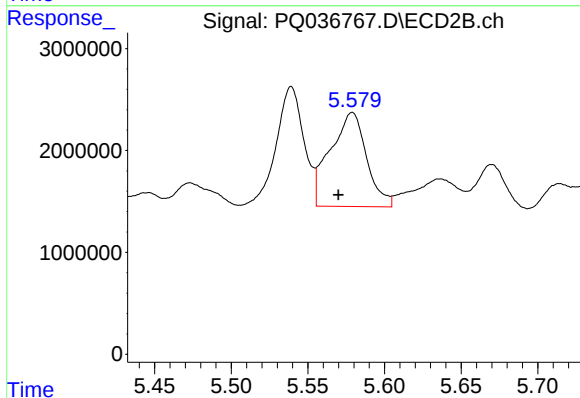
R.T.: 5.076 min
Delta R.T.: 0.024 min
Response: 3254732
Conc: 71.23 ng/ml



#20 AR-1242-5

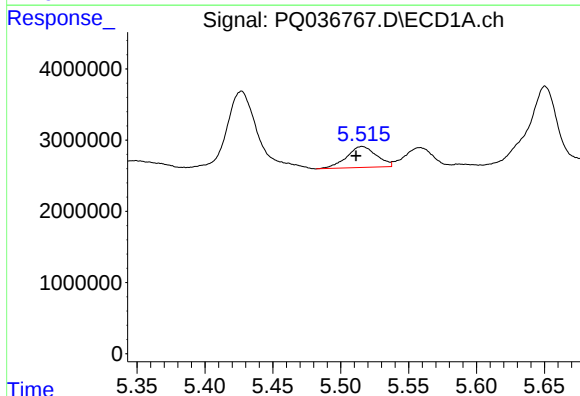
R.T.: 6.449 min
Delta R.T.: 0.026 min
Response: 9295504
Conc: 102.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



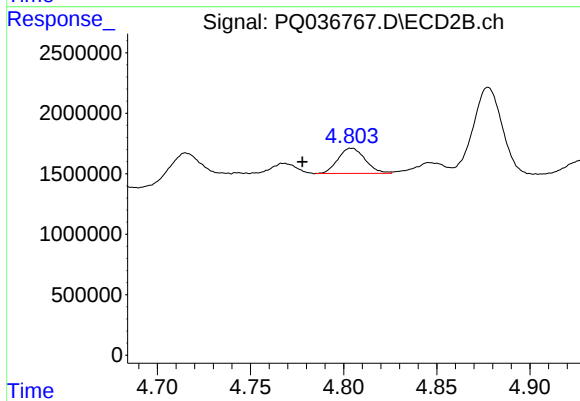
#20 AR-1242-5

R.T.: 5.579 min
Delta R.T.: 0.009 min
Response: 15240767
Conc: 272.26 ng/ml



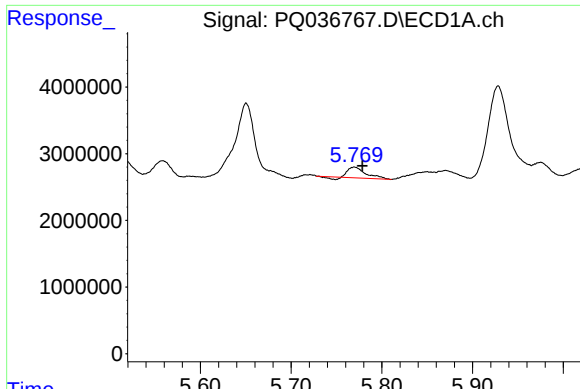
#21 AR-1248-1

R.T.: 5.516 min
Delta R.T.: 0.004 min
Response: 4501199
Conc: 50.09 ng/ml



#21 AR-1248-1

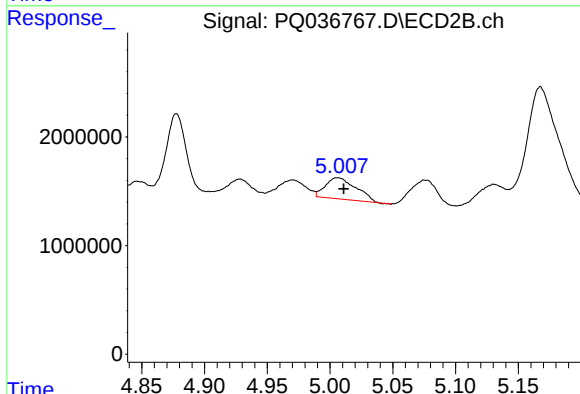
R.T.: 4.804 min
Delta R.T.: 0.026 min
Response: 2114277
Conc: 42.87 ng/ml



#22 AR-1248-2

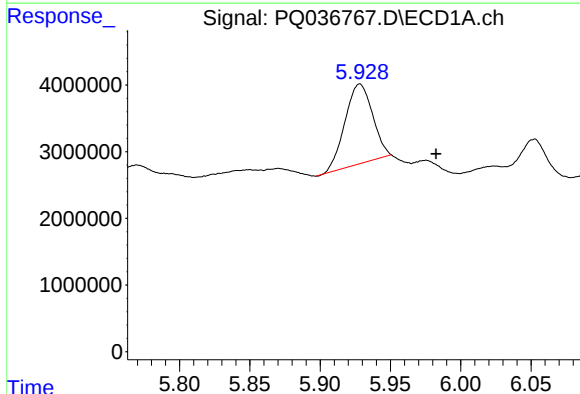
R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 2062572
Conc: 16.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



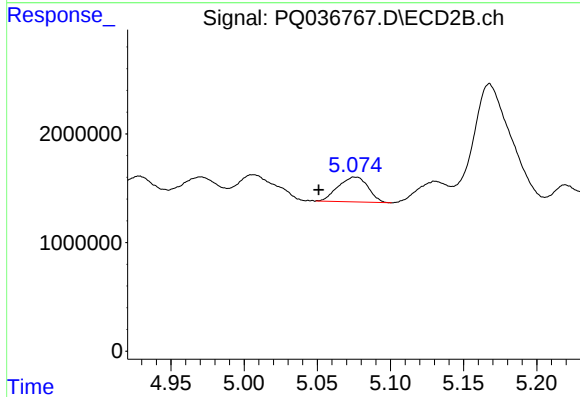
#22 AR-1248-2

R.T.: 5.006 min
Delta R.T.: -0.005 min
Response: 3334429
Conc: 51.39 ng/ml



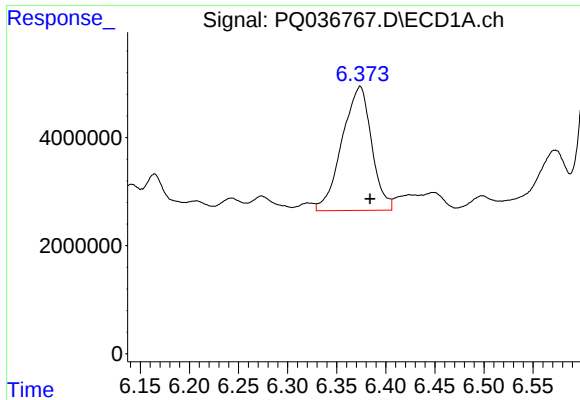
#23 AR-1248-3

R.T.: 5.928 min
Delta R.T.: -0.054 min
Response: 16380820
Conc: 119.28 ng/ml



#23 AR-1248-3

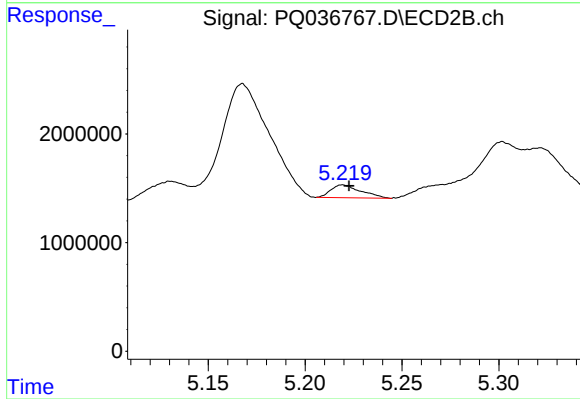
R.T.: 5.076 min
Delta R.T.: 0.025 min
Response: 3254732
Conc: 49.12 ng/ml



#24 AR-1248-4

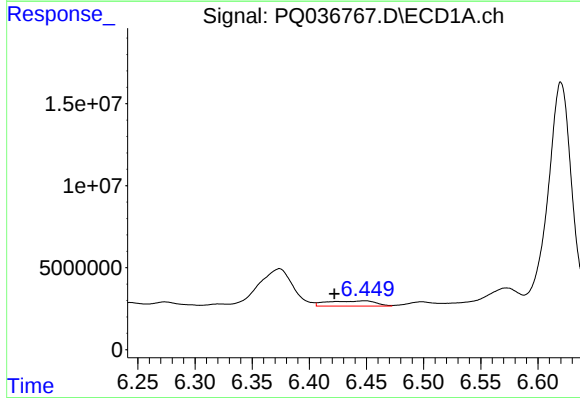
R.T.: 6.374 min
Delta R.T.: -0.010 min
Response: 48071996
Conc: 306.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



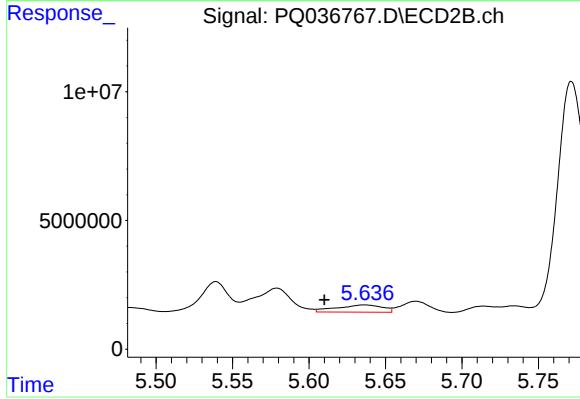
#24 AR-1248-4

R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 1265703
Conc: 15.94 ng/ml



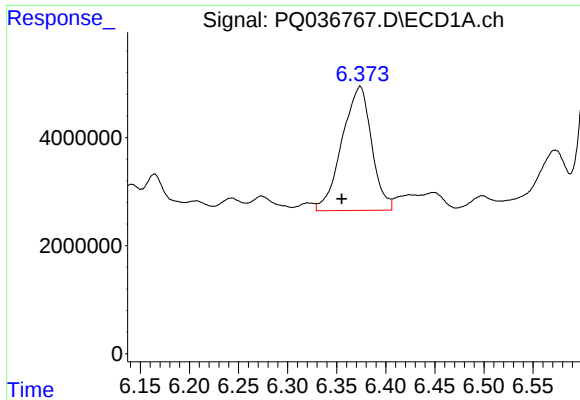
#25 AR-1248-5

R.T.: 6.449 min
Delta R.T.: 0.027 min
Response: 9295504
Conc: 62.64 ng/ml



#25 AR-1248-5

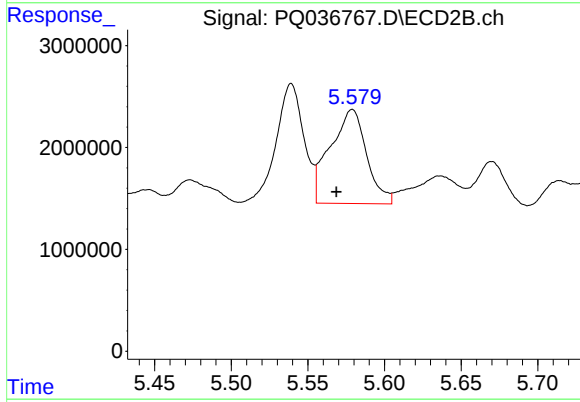
R.T.: 5.636 min
Delta R.T.: 0.026 min
Response: 5836331
Conc: 73.87 ng/ml



#26 AR-1254-1

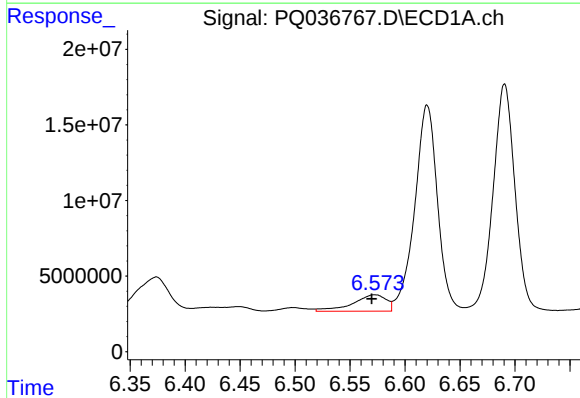
R.T.: 6.374 min
Delta R.T.: 0.019 min
Response: 48071996
Conc: 271.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



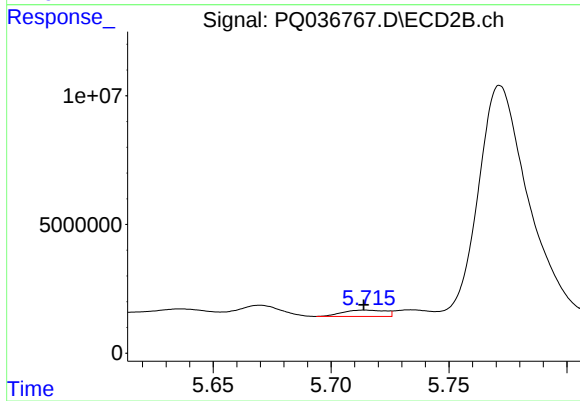
#26 AR-1254-1

R.T.: 5.579 min
Delta R.T.: 0.010 min
Response: 15240767
Conc: 113.84 ng/ml



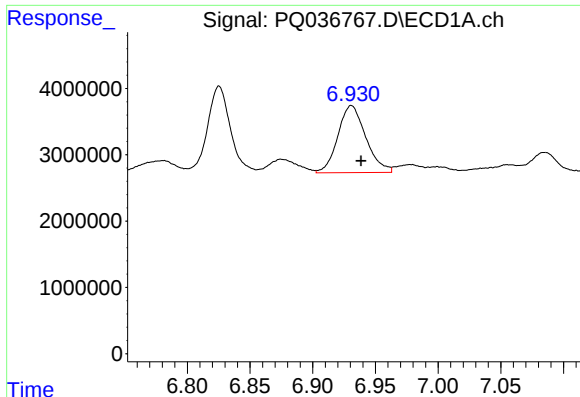
#27 AR-1254-2

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 23167485
Conc: 88.93 ng/ml



#27 AR-1254-2

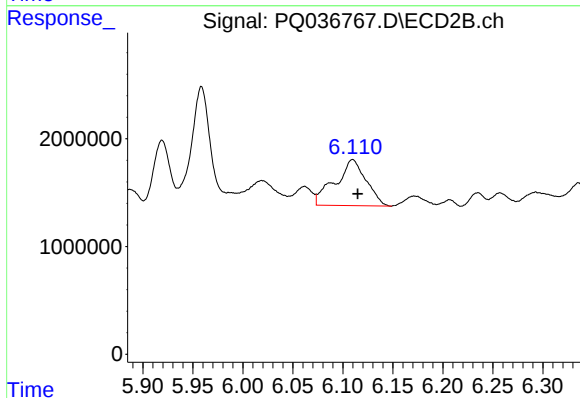
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 3115051
Conc: 28.15 ng/ml



#28 AR-1254-3

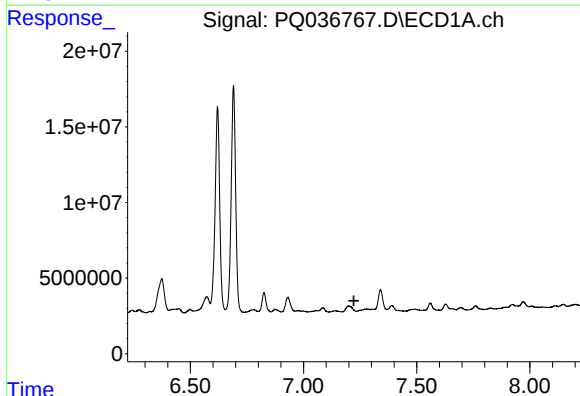
R.T.: 6.931 min
Delta R.T.: -0.008 min
Response: 15707045
Conc: 58.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



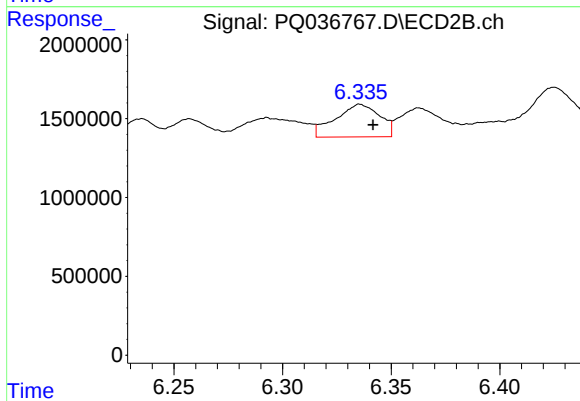
#28 AR-1254-3

R.T.: 6.110 min
Delta R.T.: -0.005 min
Response: 9216922
Conc: 51.21 ng/ml



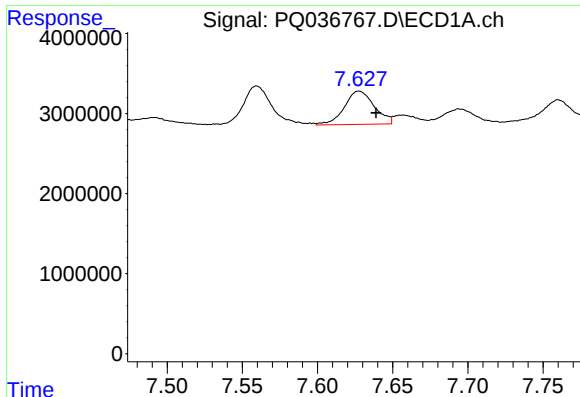
#29 AR-1254-4

R.T.: 7.280 min
Delta R.T.: 0.057 min
Response: -3249135
Conc: N.D.



#29 AR-1254-4

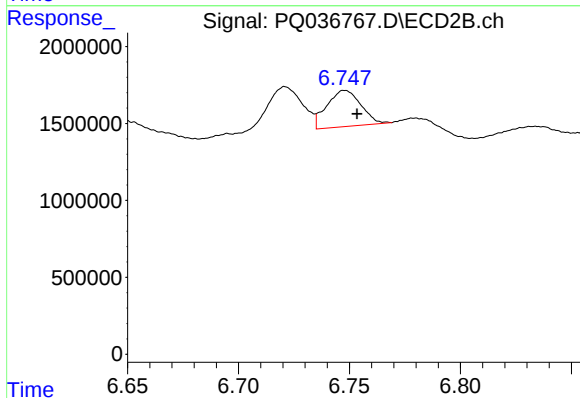
R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 2930931
Conc: 22.21 ng/ml



#30 AR-1254-5

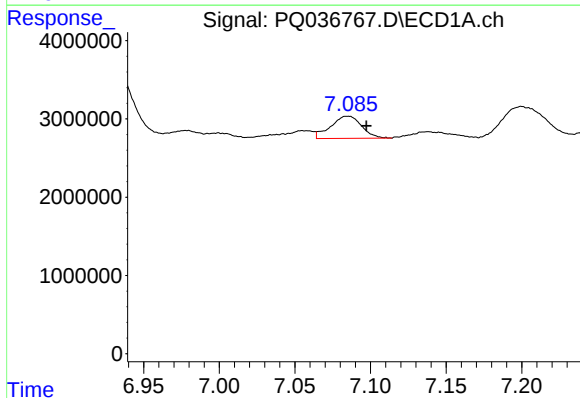
R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 5781554
Conc: 28.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



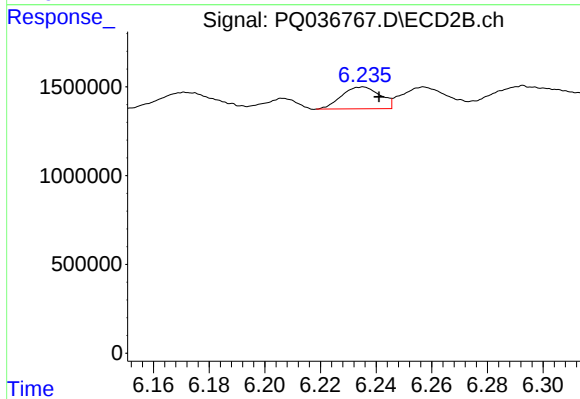
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 2510277
Conc: 16.71 ng/ml



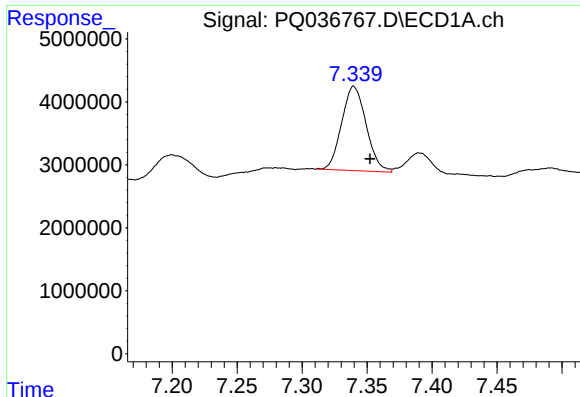
#31 AR-1260-1

R.T.: 7.085 min
Delta R.T.: -0.012 min
Response: 4032249
Conc: 20.70 ng/ml



#31 AR-1260-1

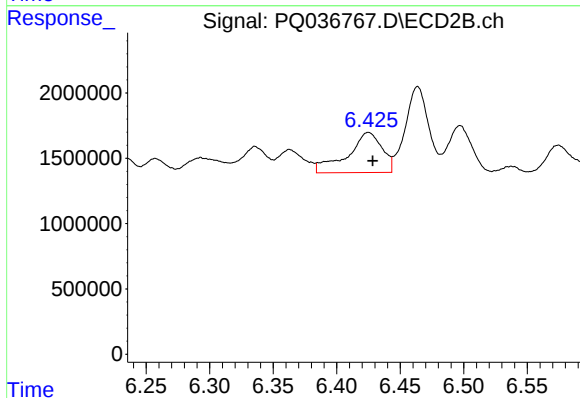
R.T.: 6.235 min
Delta R.T.: -0.006 min
Response: 1174383
Conc: 10.23 ng/ml



#32 AR-1260-2

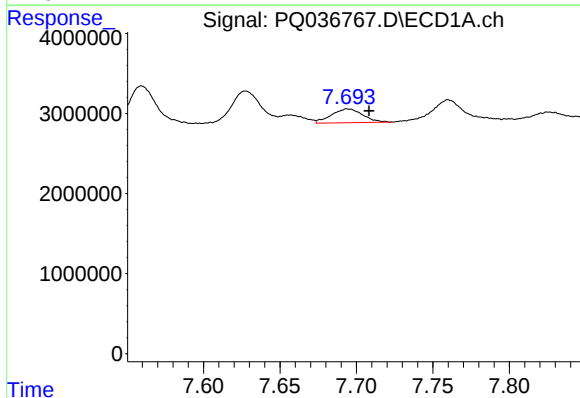
R.T.: 7.340 min
Delta R.T.: -0.013 min
Response: 17596747
Conc: 76.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



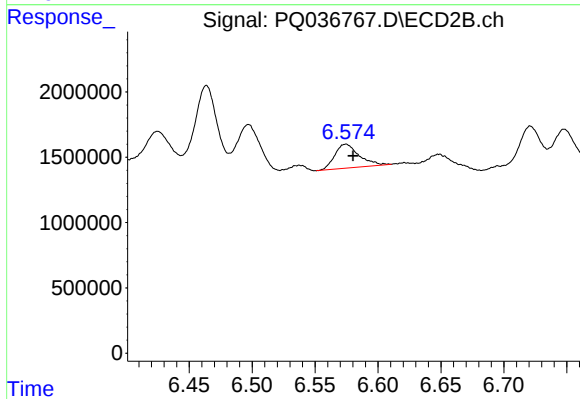
#32 AR-1260-2

R.T.: 6.425 min
Delta R.T.: -0.003 min
Response: 5836098
Conc: 41.51 ng/ml



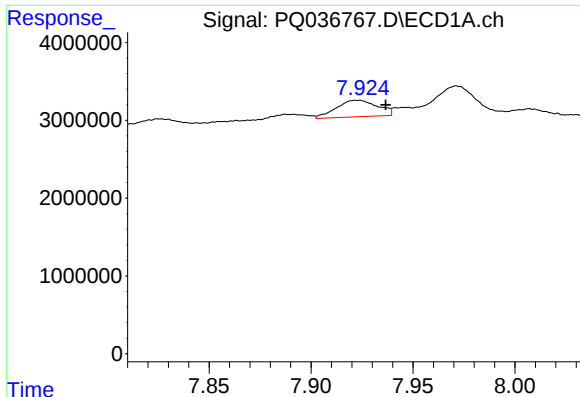
#33 AR-1260-3

R.T.: 7.695 min
Delta R.T.: -0.014 min
Response: 2492312
Conc: 17.28 ng/ml



#33 AR-1260-3

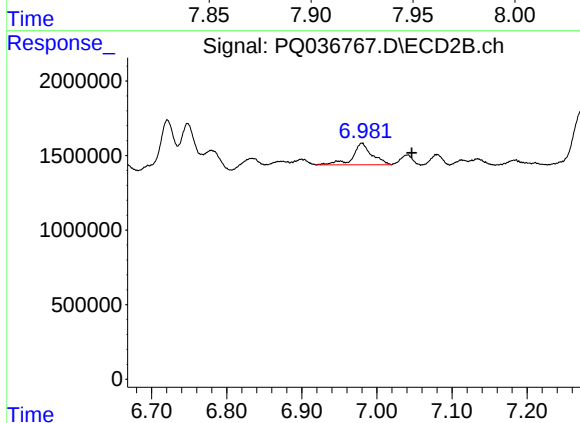
R.T.: 6.575 min
Delta R.T.: -0.006 min
Response: 2465114
Conc: 19.23 ng/ml



#34 AR-1260-4

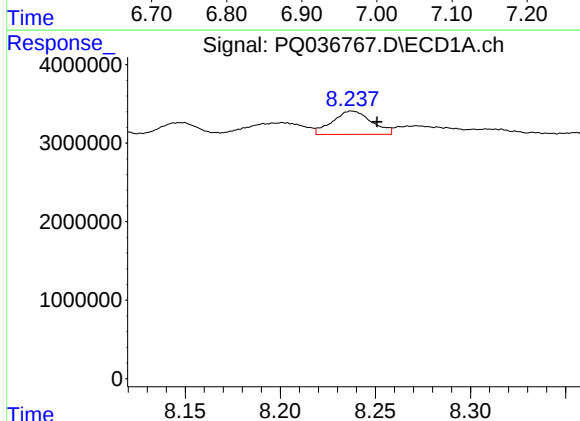
R.T.: 7.923 min
Delta R.T.: -0.014 min
Response: 2984037
Conc: 17.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



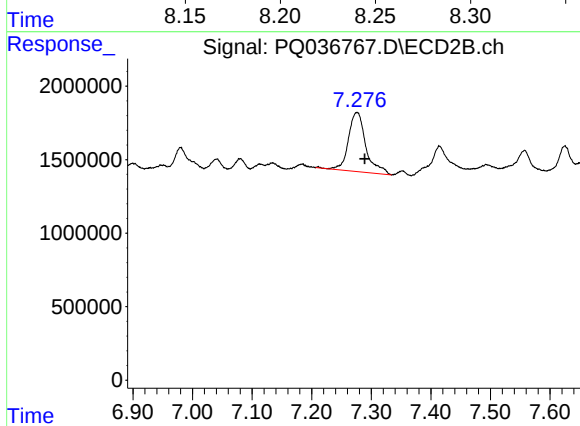
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.066 min
Response: 2571670
Conc: 29.54 ng/ml



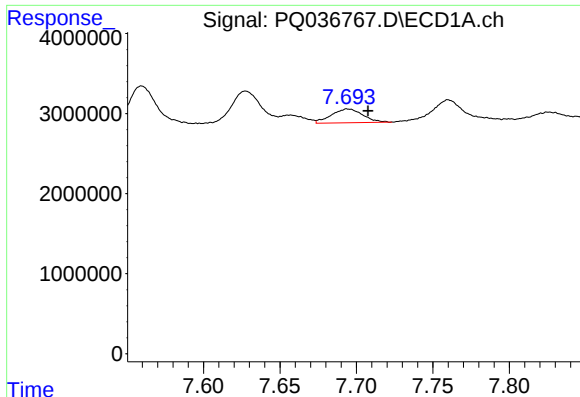
#35 AR-1260-5

R.T.: 8.238 min
Delta R.T.: -0.013 min
Response: 4238146
Conc: 12.60 ng/ml



#35 AR-1260-5

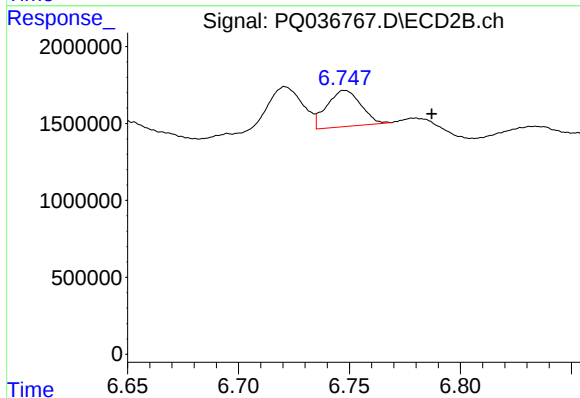
R.T.: 7.276 min
Delta R.T.: -0.013 min
Response: 8167830
Conc: 37.41 ng/ml



#36 AR-1262-1

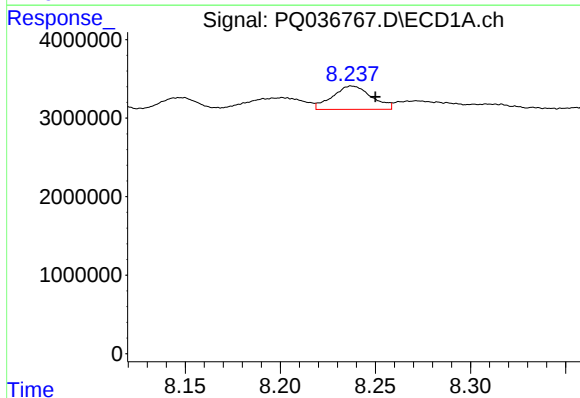
R.T.: 7.695 min
Delta R.T.: -0.013 min
Response: 2492312
Conc: 9.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



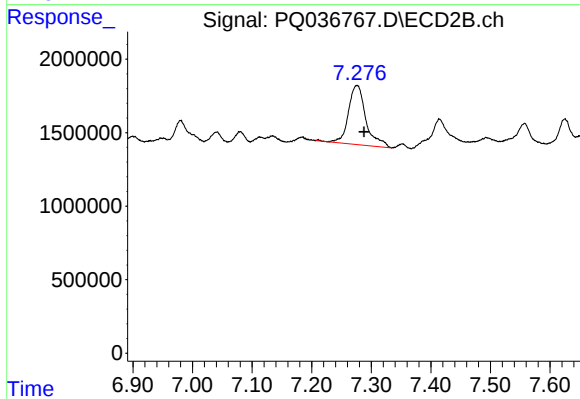
#36 AR-1262-1

R.T.: 6.748 min
Delta R.T.: -0.039 min
Response: 2510277
Conc: 14.96 ng/ml



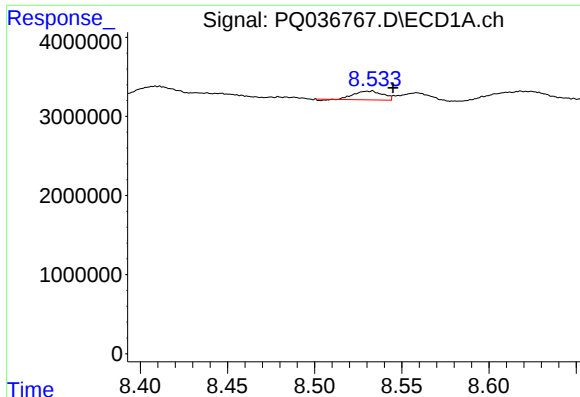
#37 AR-1262-2

R.T.: 8.238 min
Delta R.T.: -0.012 min
Response: 4238146
Conc: 8.64 ng/ml



#37 AR-1262-2

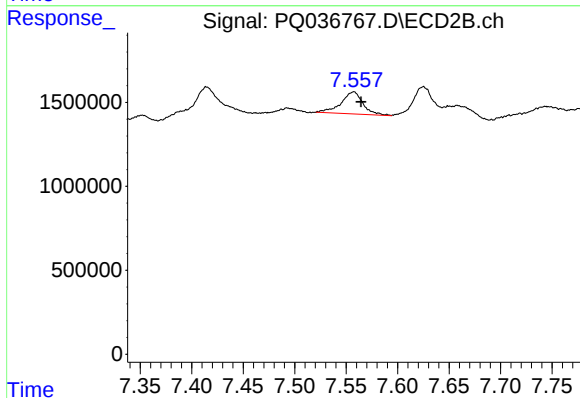
R.T.: 7.276 min
Delta R.T.: -0.012 min
Response: 8167830
Conc: 26.97 ng/ml



#38 AR-1262-3

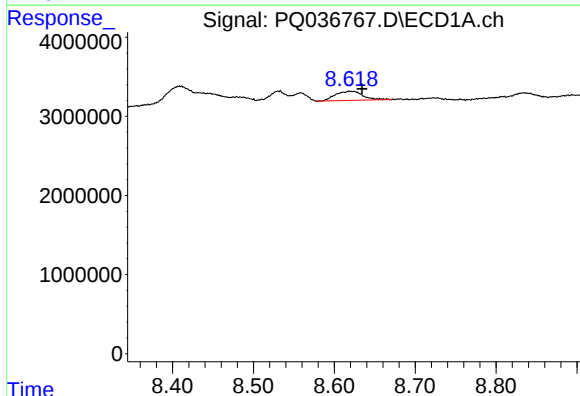
R.T.: 8.532 min
Delta R.T.: -0.013 min
Response: 1245254
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



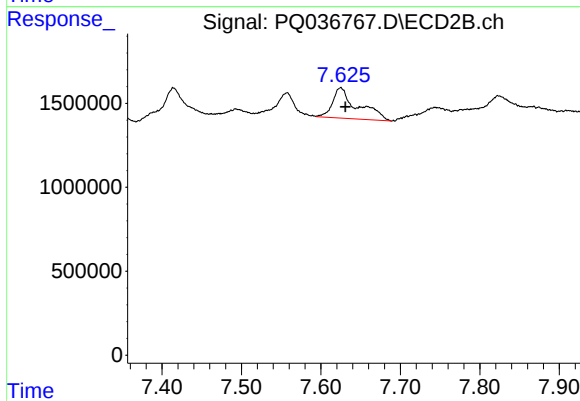
#38 AR-1262-3

R.T.: 7.557 min
Delta R.T.: -0.008 min
Response: 1938048
Conc: 17.26 ng/ml



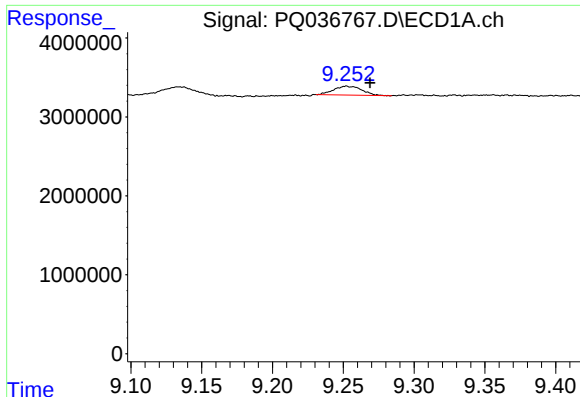
#39 AR-1262-4

R.T.: 8.623 min
Delta R.T.: -0.011 min
Response: 2723477
Conc: 11.23 ng/ml



#39 AR-1262-4

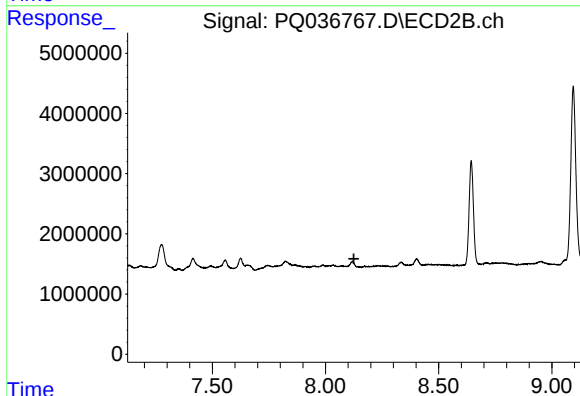
R.T.: 7.625 min
Delta R.T.: -0.006 min
Response: 3921001
Conc: 18.18 ng/ml



#40 AR-1262-5

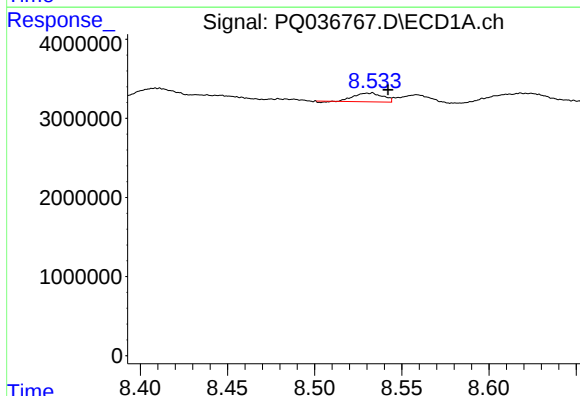
R.T.: 9.252 min
Delta R.T.: -0.017 min
Response: 1556860
Conc: 9.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



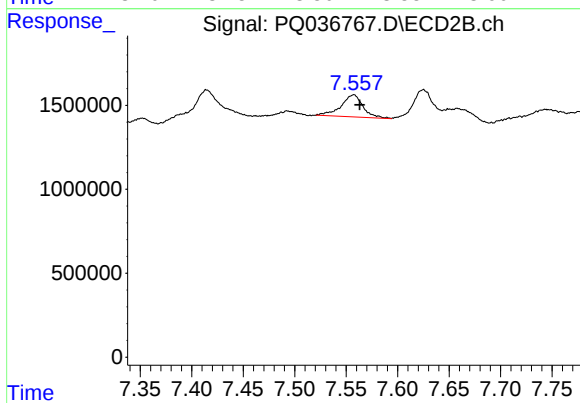
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



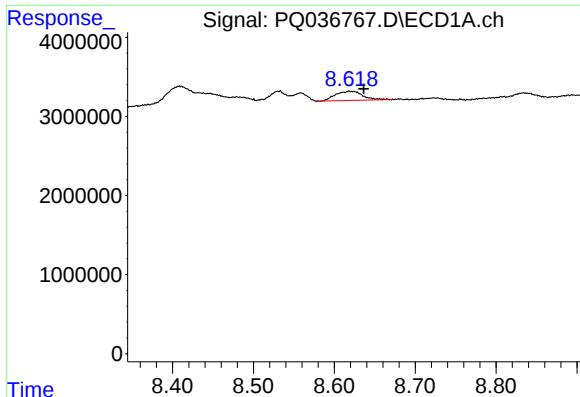
#41 AR-1268-1

R.T.: 8.532 min
Delta R.T.: -0.010 min
Response: 1245254
Conc: 1.97 ng/ml



#41 AR-1268-1

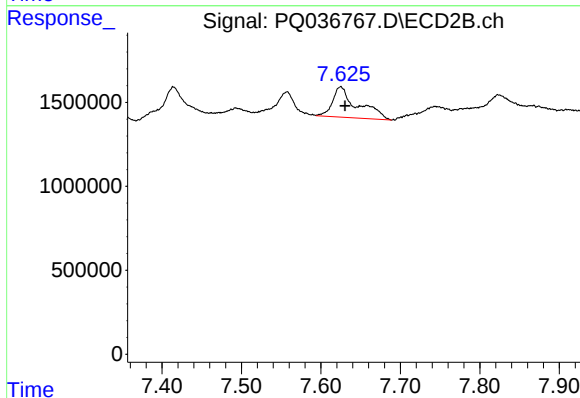
R.T.: 7.557 min
Delta R.T.: -0.006 min
Response: 1938048
Conc: 5.33 ng/ml



#42 AR-1268-2

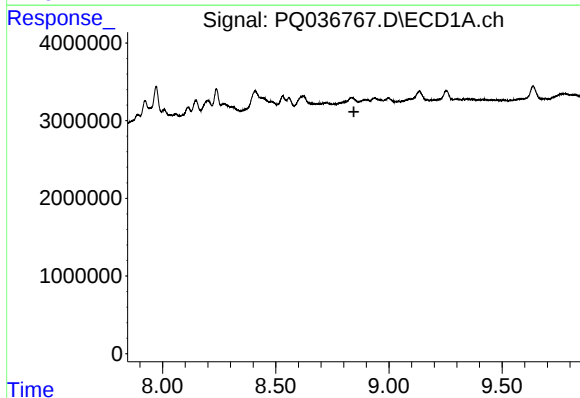
R.T.: 8.623 min
Delta R.T.: -0.013 min
Response: 2723477
Conc: 4.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



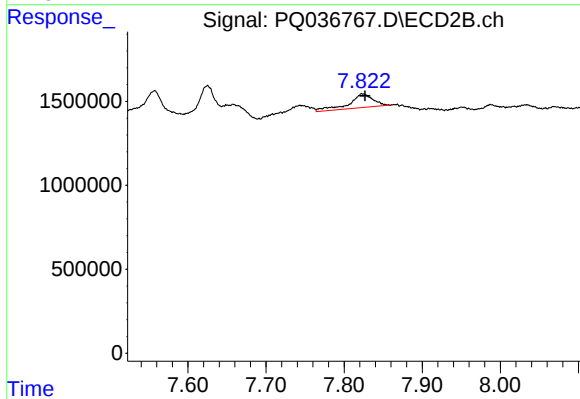
#42 AR-1268-2

R.T.: 7.625 min
Delta R.T.: -0.005 min
Response: 3921001
Conc: 11.83 ng/ml



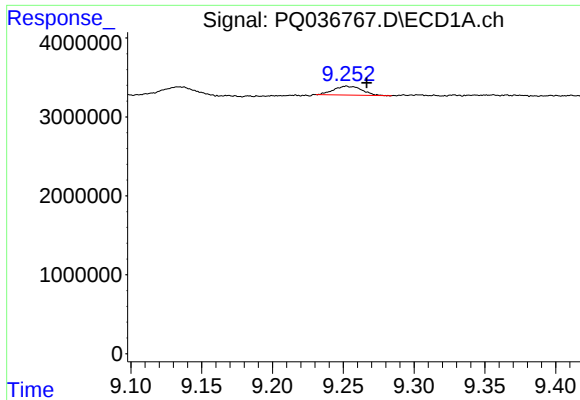
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#43 AR-1268-3

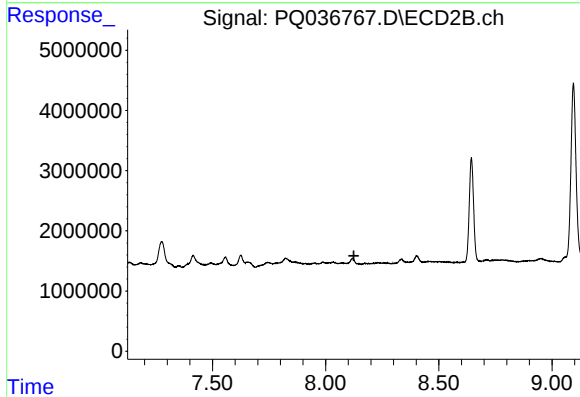
R.T.: 7.824 min
Delta R.T.: -0.003 min
Response: 1765633
Conc: 6.48 ng/ml



#44 AR-1268-4

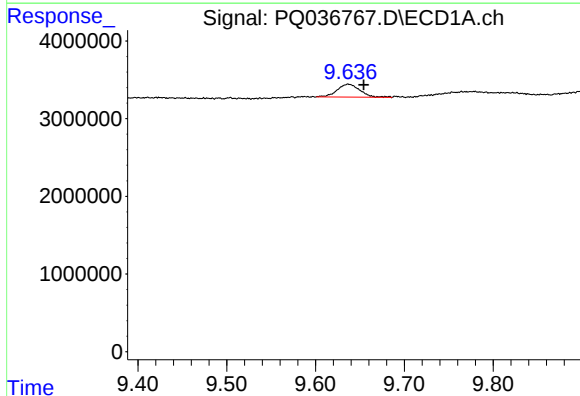
R.T.: 9.252 min
Delta R.T.: -0.014 min
Response: 1556860
Conc: 7.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
COMP-1



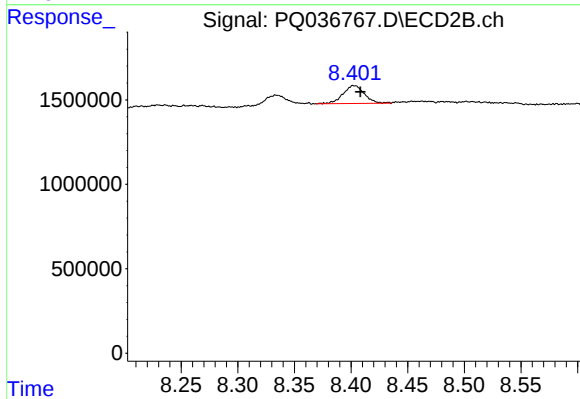
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.637 min
Delta R.T.: -0.017 min
Response: 2988215
Conc: 1.84 ng/ml



#45 AR-1268-5

R.T.: 8.403 min
Delta R.T.: -0.005 min
Response: 1384174
Conc: 1.60 ng/ml