

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 15:39
 Operator : YP\AJ
 Sample : 04454-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 16:07:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP091823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 19 09:22:53 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...	4.520	3.683	20165077	17838255	9.693	10.951
2)	SA Decachlor...	10.481f	8.728f	9285213	1028608	6.087	0.679 #
Target Compounds							
3)	L1 AR-1016-1	5.721f	4.775	3189310	1628792	47.266	27.094 #
4)	L1 AR-1016-2	5.721	4.786	3189310	423841	33.340	5.106 #
5)	L1 AR-1016-3	5.757f	4.979	2158133	591544	36.257	13.187 #
6)	L1 AR-1016-4	5.879	5.014	4355318	1139780	88.945	32.308 #
7)	L1 AR-1016-5	6.193	5.228	4420125	8042417	89.899	172.968 #
8)	L2 AR-1221-1	4.727	3.893	9198567	1779713	346.030	81.026 #
9)	L2 AR-1221-2	4.796	3.971	29051641	3013746	1475.972	195.205 #
10)	L2 AR-1221-3	4.891	4.064	11981537	3394476	209.765	72.372 #
11)	L3 AR-1232-1	4.891	4.064	11981537	3394476	256.813	89.297 #
12)	L3 AR-1232-2	5.399f	4.786	14876647	423841	585.724	11.495 #
13)	L3 AR-1232-3	5.721	4.979	3189310	591544	73.821	29.542 #
14)	L3 AR-1232-4	5.879	5.049	4355318	4374746	197.048	239.495
15)	L3 AR-1232-5	5.961	5.228	10809810	8042417	589.239	401.133 #
16)	L4 AR-1242-1	5.721f	4.775	3189310	1628792	53.399	30.930 #
17)	L4 AR-1242-2	5.721	4.786	3189310	423841	37.951	5.882 #
18)	L4 AR-1242-3	5.757f	4.979	2158133	591544	41.263	15.116 #
19)	L4 AR-1242-4	5.879	5.049	4355318	4374746	101.070	111.631
20)	L4 AR-1242-5	6.643	5.593	102.0E6	72253139	2231.790	1493.450 #
21)	L5 AR-1248-1	5.721f	4.775	3189310	1628792	71.355	41.686 #
22)	L5 AR-1248-2	5.961	5.014	10809810	1139780	166.911	21.036 #
23)	L5 AR-1248-3	6.193	5.049	4420125	4374746	62.411	76.885
24)	L5 AR-1248-4	6.585	5.228	58007095	8042417	749.987	119.744 #
25)	L5 AR-1248-5	6.643	5.613	102.0E6	11770314	1356.139	178.436 #
26)	L6 AR-1254-1	6.585f	5.593	58007095	72253139	726.575	719.962
28)	L6 AR-1254-3	7.138f	0.000	196.7E6	0	1619.443	N.D. #
29)	L6 AR-1254-4	7.470f	6.361	12743948	1641226	143.302	19.498 #
30)	L6 AR-1254-5	7.891f	6.789	3476460	43847808	35.738	369.657 #
31)	L7 AR-1260-1	0.000	6.274	0	295115	N.D.	3.169 #
32)	L7 AR-1260-2	7.584	6.453	34862365	8338319	339.829	76.054 #
33)	L7 AR-1260-3	7.969f	6.627	5579041	1370333	70.837	13.323 #
34)	L7 AR-1260-4	8.187	7.078f	10325939	1627.6E6	115.219	19542.593 #
35)	L7 AR-1260-5	0.000	7.353	0	18339090	N.D.	95.316 #
36)	L8 AR-1262-1	7.969f	6.880	5579041	12988400	48.206	257.329 #
37)	L8 AR-1262-2	0.000	7.078f	0	1627.6E6	N.D.	14406.626 #
38)	L8 AR-1262-3	0.000	7.635	0	28178703	N.D.	321.476 #
39)	L8 AR-1262-4	0.000	7.692	0	9949474	N.D.	60.925 #
41)	L9 AR-1268-1	0.000	7.635	0	28178703	N.D.	108.232 #
42)	L9 AR-1268-2	0.000	7.692	0	9949474	N.D.	43.036 #
43)	L9 AR-1268-3	0.000	7.920f	0	85568818	N.D.	419.116 #

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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	0.000	8.494	0	118094	N.D.	0.187 #

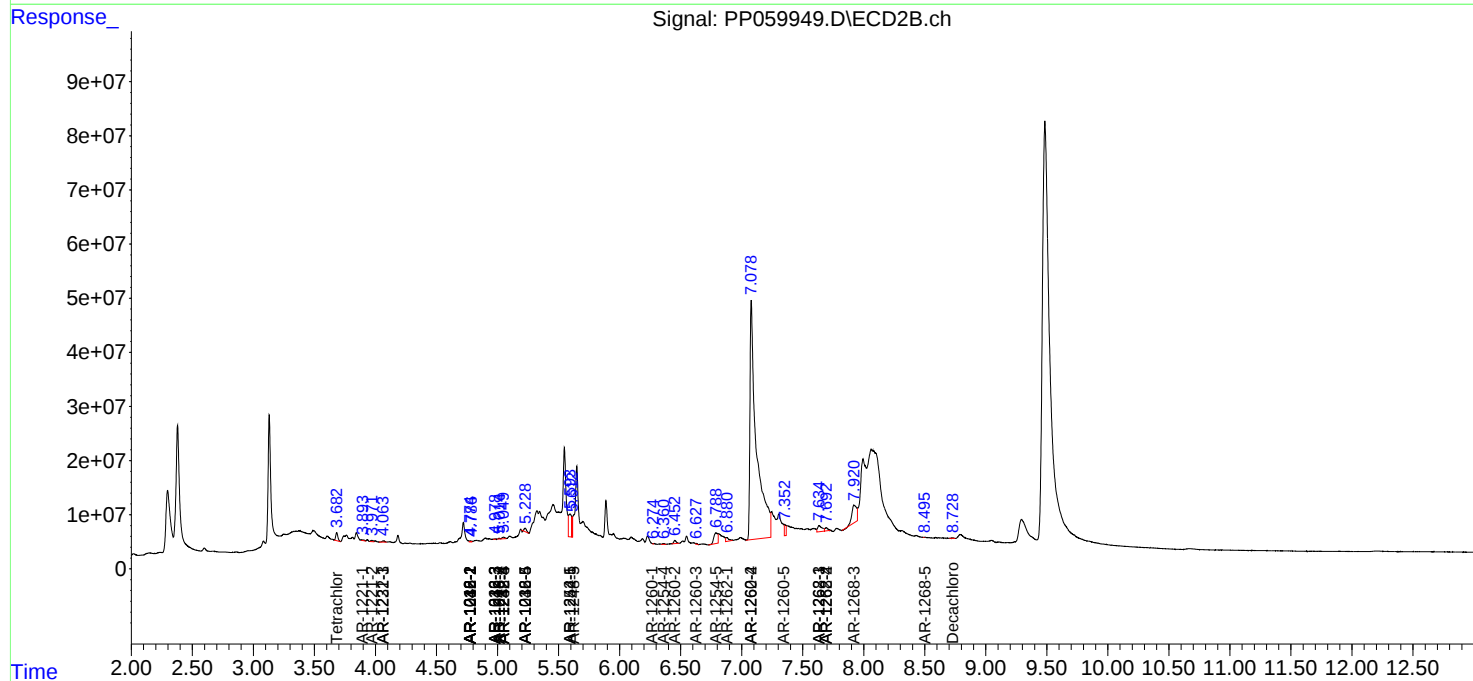
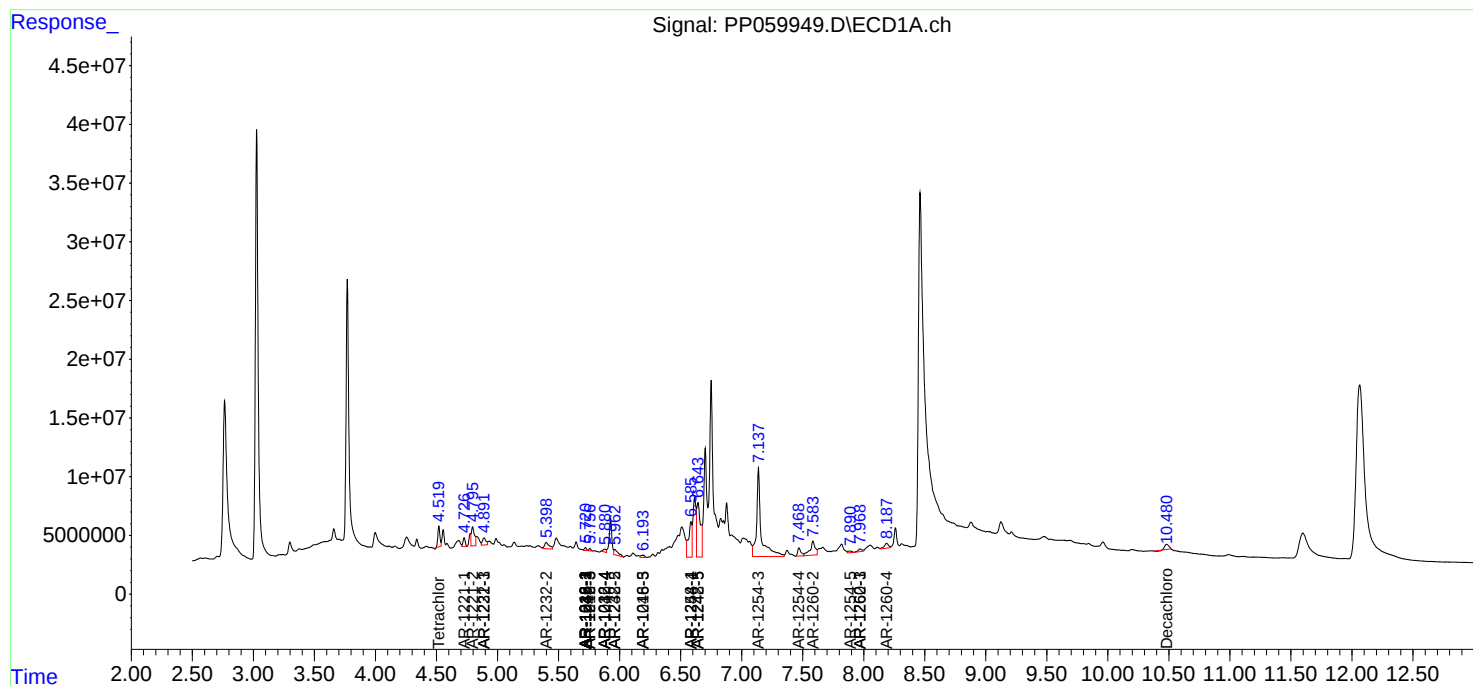
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

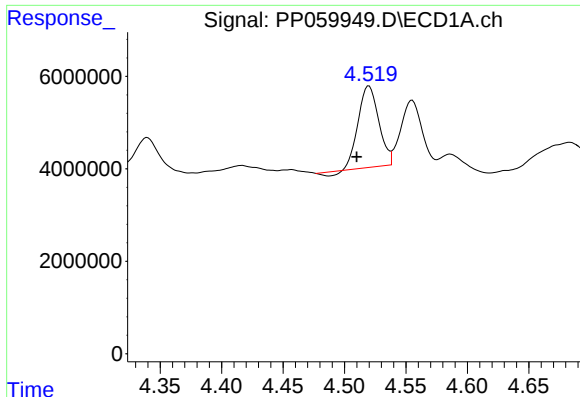
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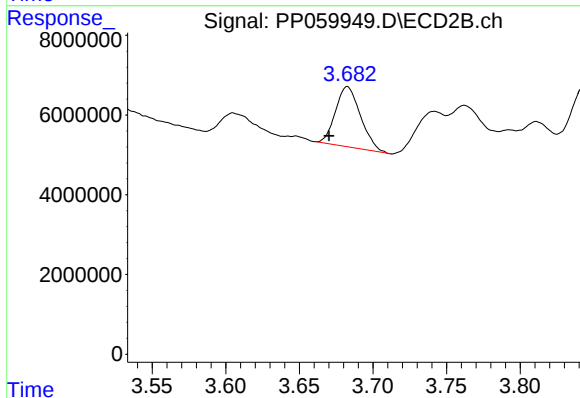




#1 Tetrachloro-m-xylene

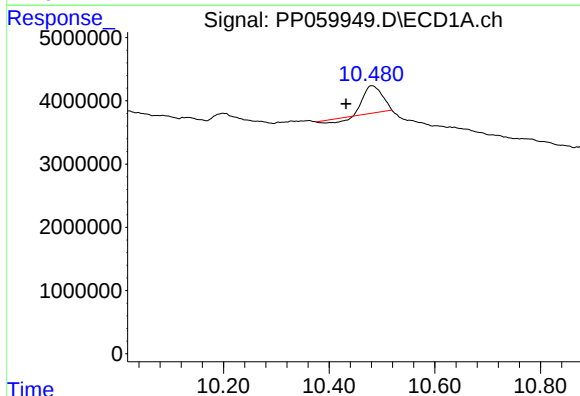
R.T.: 4.520 min
Delta R.T.: 0.010 min
Response: 20165077
Conc: 9.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



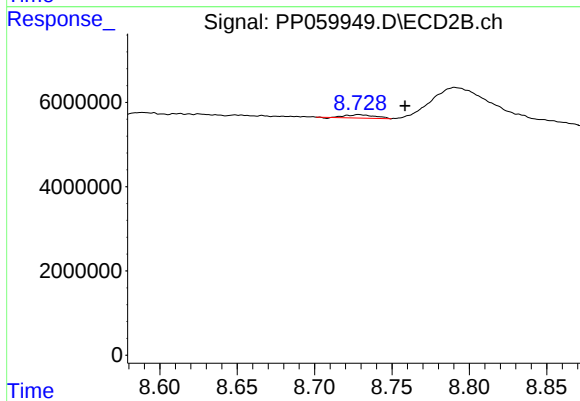
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: 0.012 min
Response: 17838255
Conc: 10.95 ng/ml



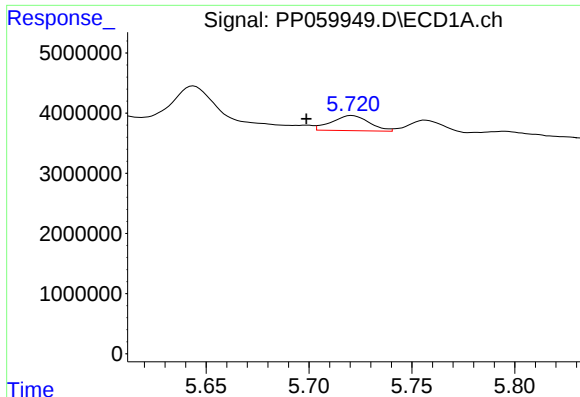
#2 Decachlorobiphenyl

R.T.: 10.481 min
Delta R.T.: 0.049 min
Response: 9285213
Conc: 6.09 ng/ml



#2 Decachlorobiphenyl

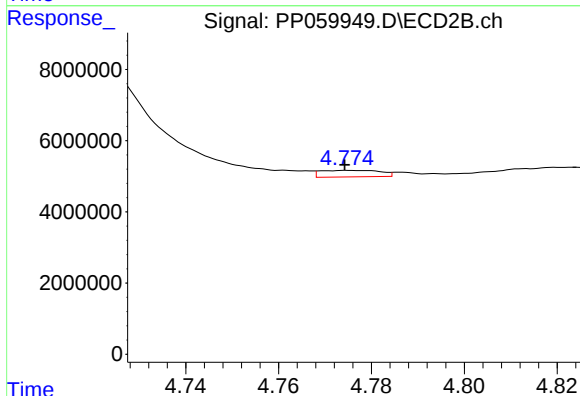
R.T.: 8.728 min
Delta R.T.: -0.030 min
Response: 1028608
Conc: 0.68 ng/ml



#3 AR-1016-1

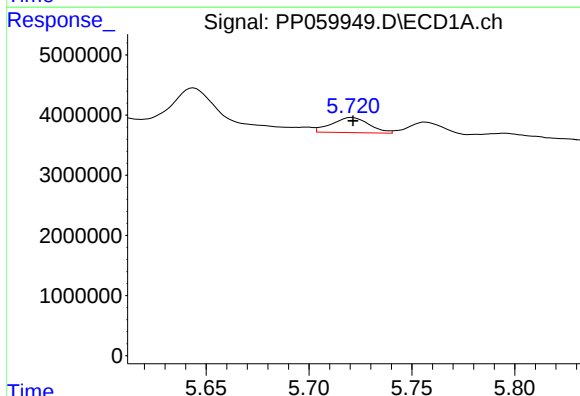
R.T.: 5.721 min
Delta R.T.: 0.022 min
Response: 3189310
Conc: 47.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



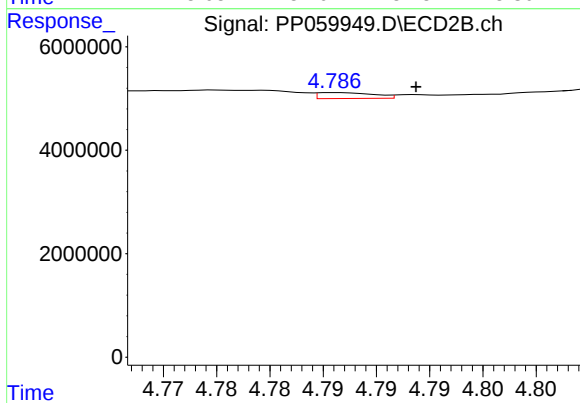
#3 AR-1016-1

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 1628792
Conc: 27.09 ng/ml



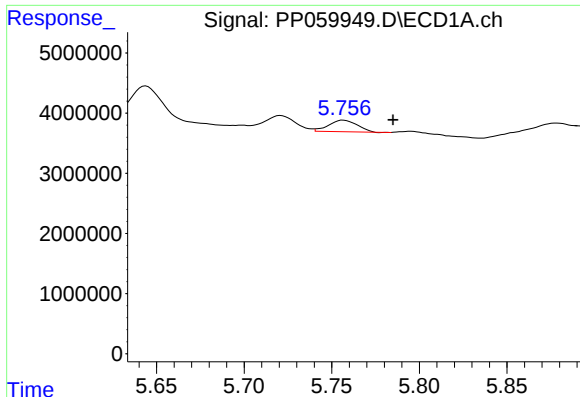
#4 AR-1016-2

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 3189310
Conc: 33.34 ng/ml



#4 AR-1016-2

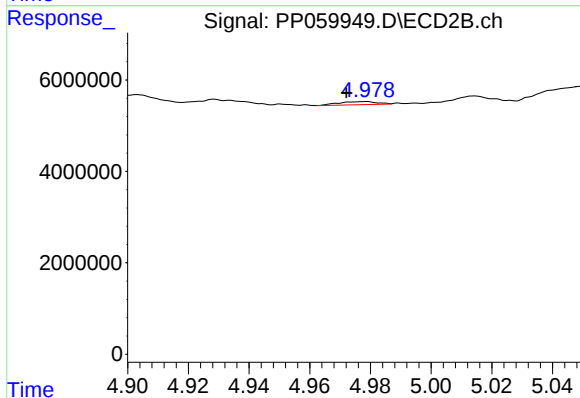
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 423841
Conc: 5.11 ng/ml



#5 AR-1016-3

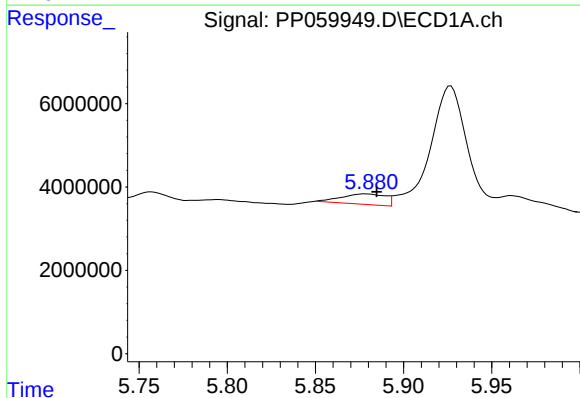
R.T.: 5.757 min
Delta R.T.: -0.028 min
Response: 2158133
Conc: 36.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



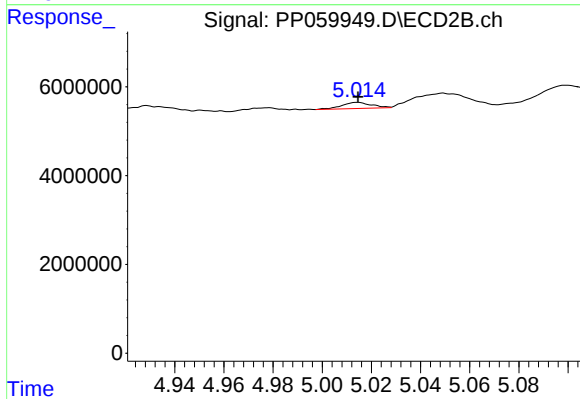
#5 AR-1016-3

R.T.: 4.979 min
Delta R.T.: 0.007 min
Response: 591544
Conc: 13.19 ng/ml



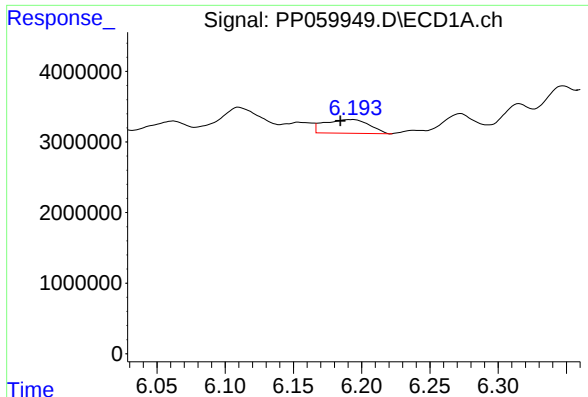
#6 AR-1016-4

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 4355318
Conc: 88.95 ng/ml



#6 AR-1016-4

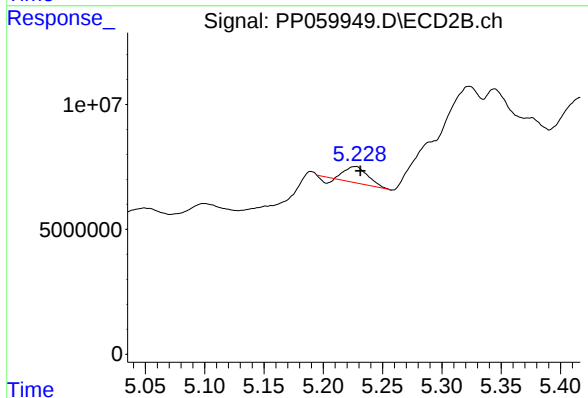
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 1139780
Conc: 32.31 ng/ml



#7 AR-1016-5

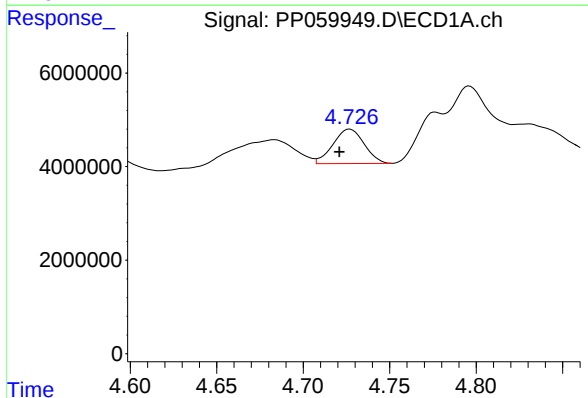
R.T.: 6.193 min
Delta R.T.: 0.008 min
Response: 4420125
Conc: 89.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



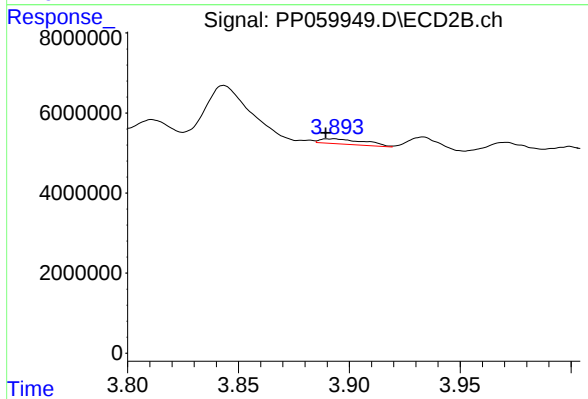
#7 AR-1016-5

R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 8042417
Conc: 172.97 ng/ml



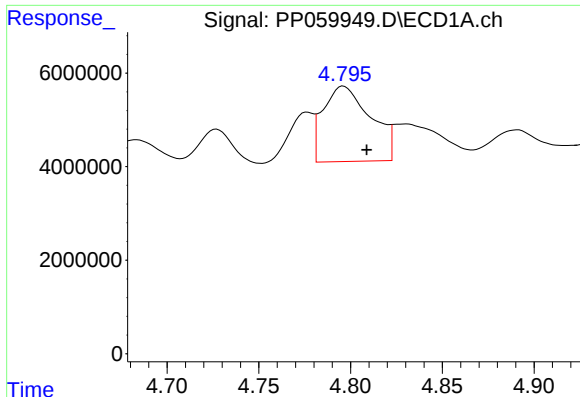
#8 AR-1221-1

R.T.: 4.727 min
Delta R.T.: 0.006 min
Response: 9198567
Conc: 346.03 ng/ml



#8 AR-1221-1

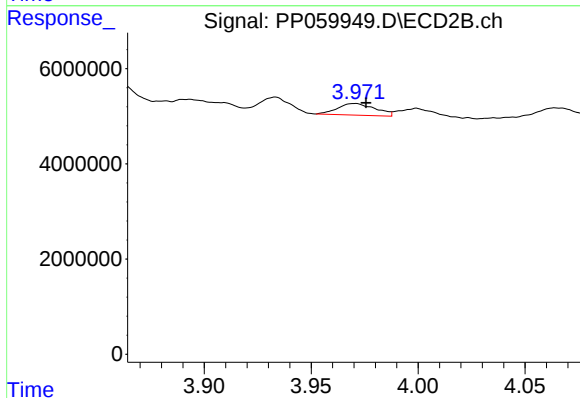
R.T.: 3.893 min
Delta R.T.: 0.004 min
Response: 1779713
Conc: 81.03 ng/ml



#9 AR-1221-2

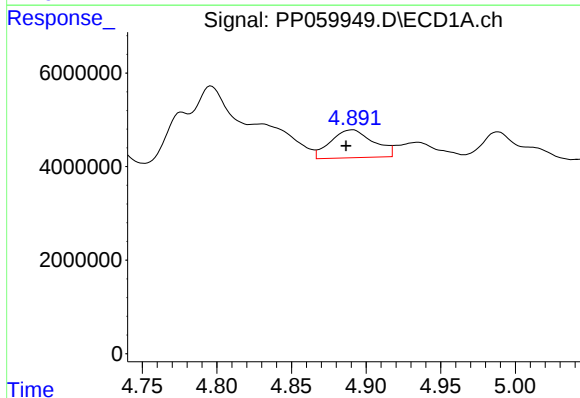
R.T.: 4.796 min
Delta R.T.: -0.013 min
Response: 29051641
Conc: 1475.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



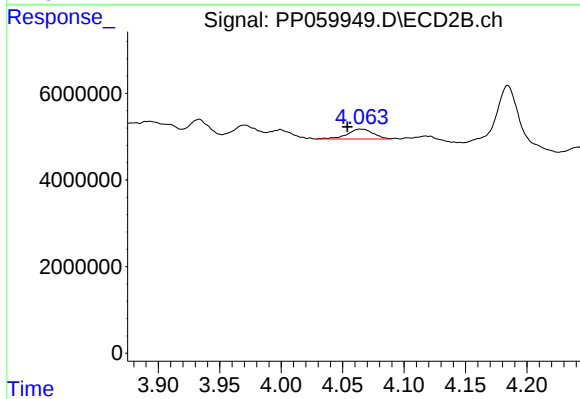
#9 AR-1221-2

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 3013746
Conc: 195.20 ng/ml



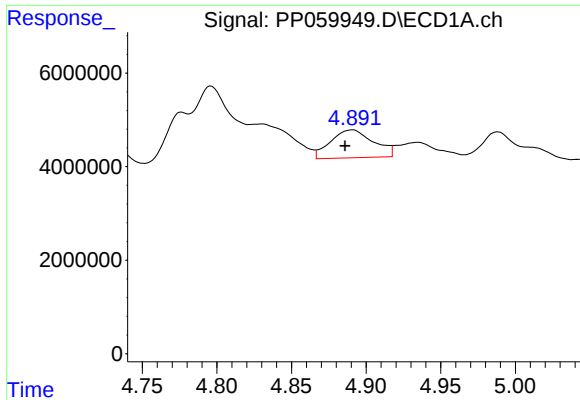
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: 0.005 min
Response: 11981537
Conc: 209.77 ng/ml



#10 AR-1221-3

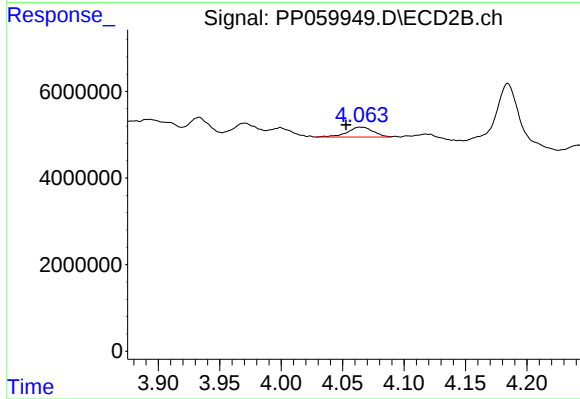
R.T.: 4.064 min
Delta R.T.: 0.010 min
Response: 3394476
Conc: 72.37 ng/ml



#11 AR-1232-1

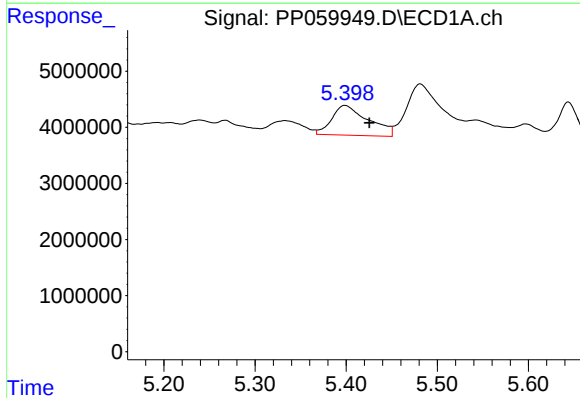
R.T.: 4.891 min
Delta R.T.: 0.005 min
Response: 11981537
Conc: 256.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



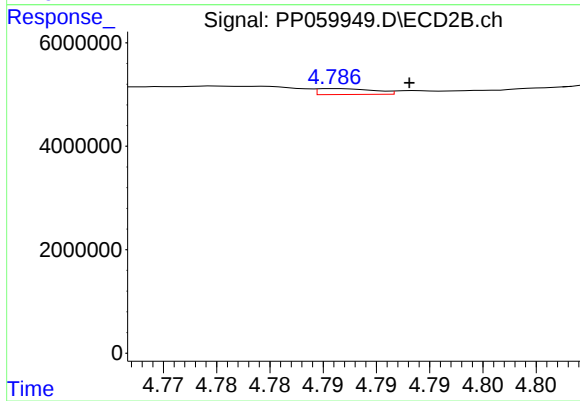
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: 0.011 min
Response: 3394476
Conc: 89.30 ng/ml



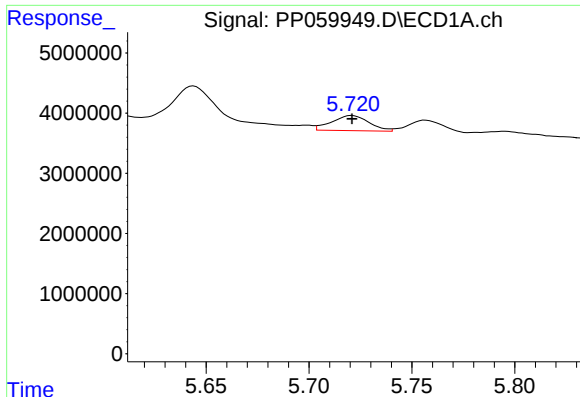
#12 AR-1232-2

R.T.: 5.399 min
Delta R.T.: -0.027 min
Response: 14876647
Conc: 585.72 ng/ml



#12 AR-1232-2

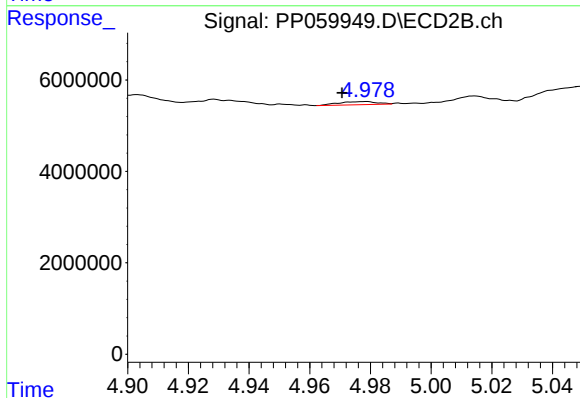
R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 423841
Conc: 11.49 ng/ml



#13 AR-1232-3

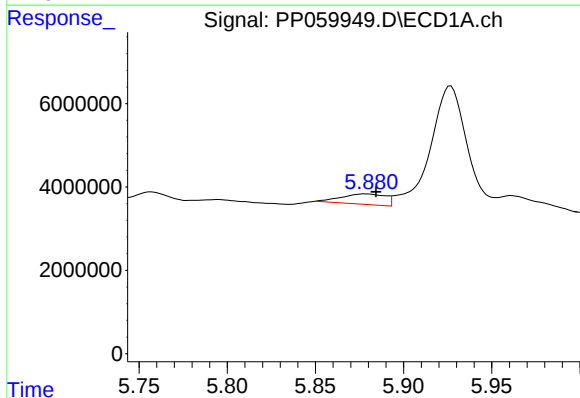
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 3189310
Conc: 73.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



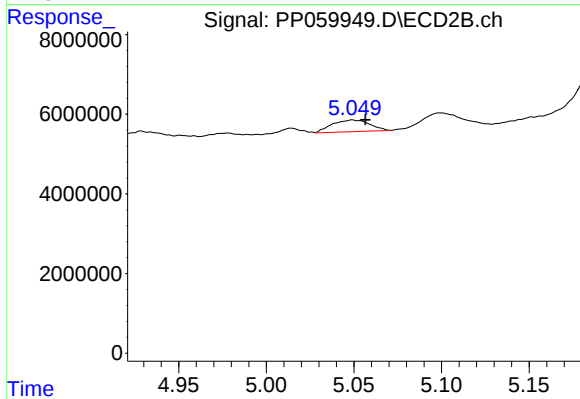
#13 AR-1232-3

R.T.: 4.979 min
Delta R.T.: 0.008 min
Response: 591544
Conc: 29.54 ng/ml



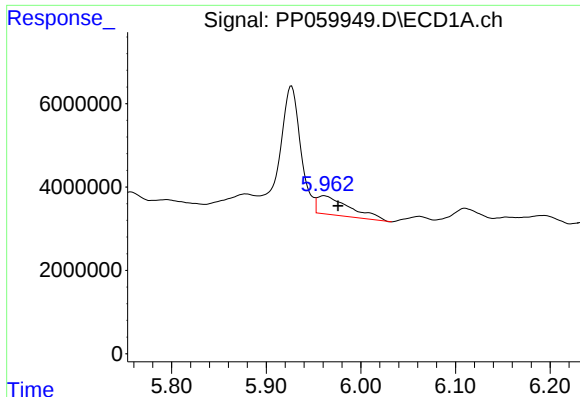
#14 AR-1232-4

R.T.: 5.879 min
Delta R.T.: -0.006 min
Response: 4355318
Conc: 197.05 ng/ml



#14 AR-1232-4

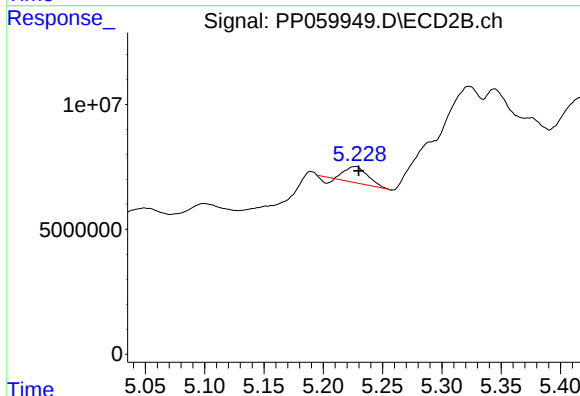
R.T.: 5.049 min
Delta R.T.: -0.007 min
Response: 4374746
Conc: 239.50 ng/ml



#15 AR-1232-5

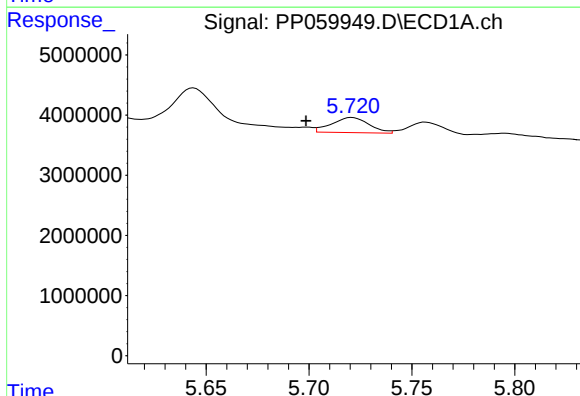
R.T.: 5.961 min
Delta R.T.: -0.015 min
Response: 10809810
Conc: 589.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



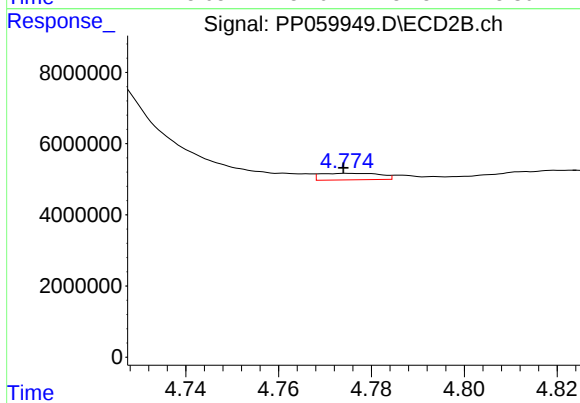
#15 AR-1232-5

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 8042417
Conc: 401.13 ng/ml



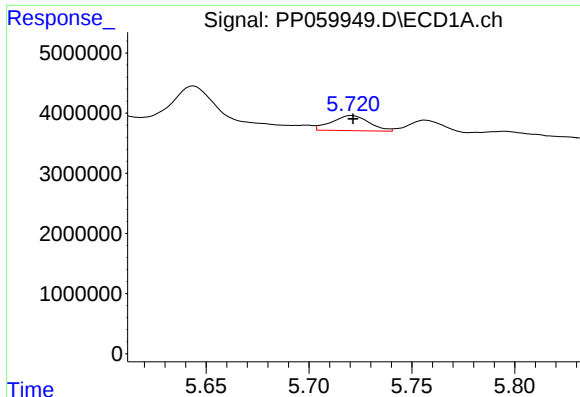
#16 AR-1242-1

R.T.: 5.721 min
Delta R.T.: 0.022 min
Response: 3189310
Conc: 53.40 ng/ml



#16 AR-1242-1

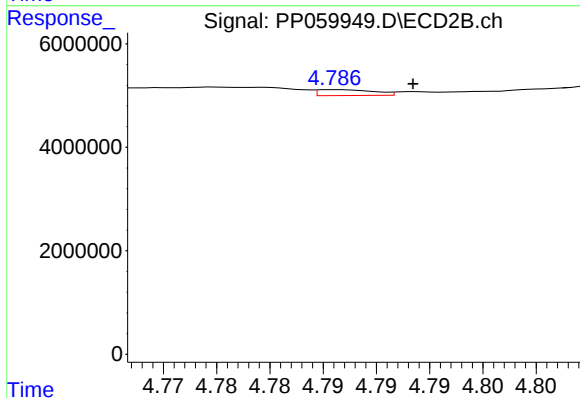
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 1628792
Conc: 30.93 ng/ml



#17 AR-1242-2

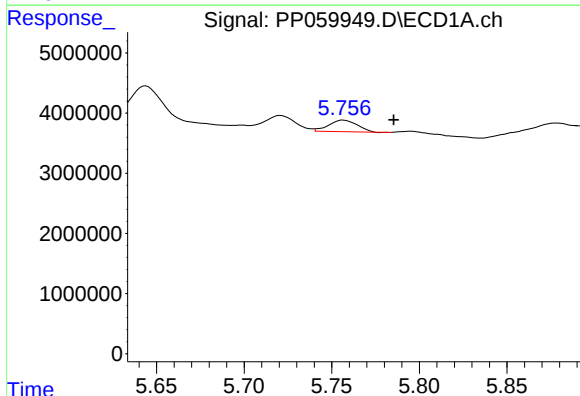
R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 3189310
Conc: 37.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



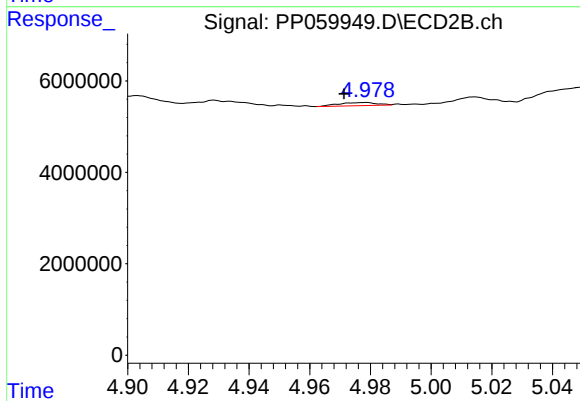
#17 AR-1242-2

R.T.: 4.786 min
Delta R.T.: -0.007 min
Response: 423841
Conc: 5.88 ng/ml



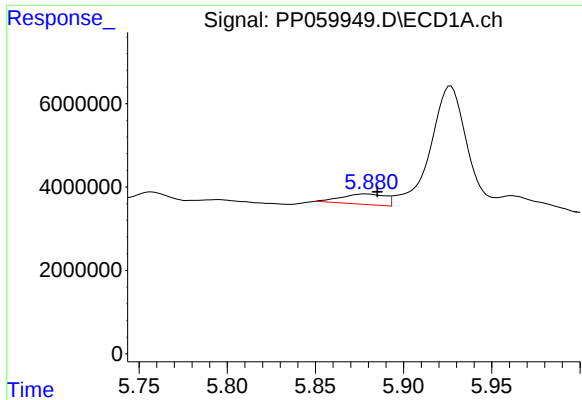
#18 AR-1242-3

R.T.: 5.757 min
Delta R.T.: -0.028 min
Response: 2158133
Conc: 41.26 ng/ml



#18 AR-1242-3

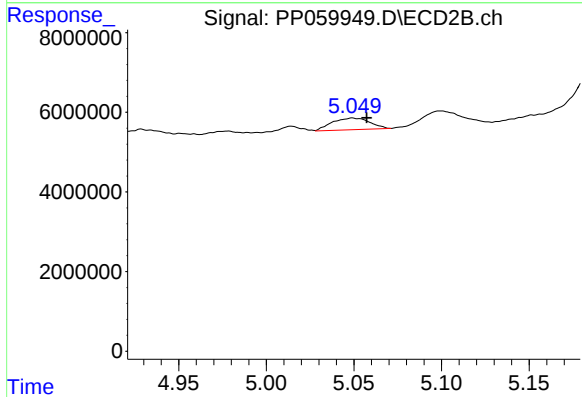
R.T.: 4.979 min
Delta R.T.: 0.007 min
Response: 591544
Conc: 15.12 ng/ml



#19 AR-1242-4

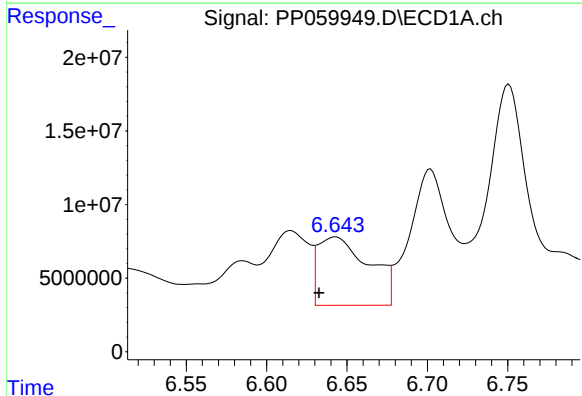
R.T.: 5.879 min
Delta R.T.: -0.007 min
Response: 4355318
Conc: 101.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



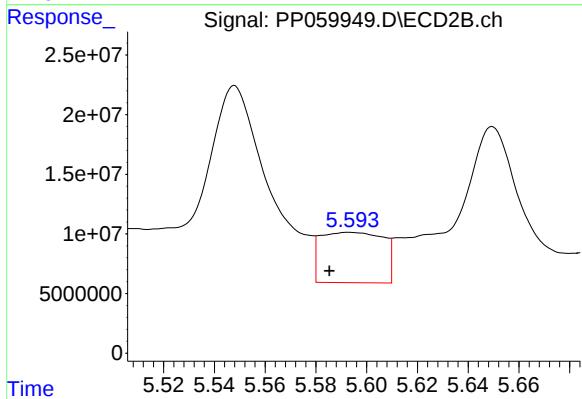
#19 AR-1242-4

R.T.: 5.049 min
Delta R.T.: -0.008 min
Response: 4374746
Conc: 111.63 ng/ml



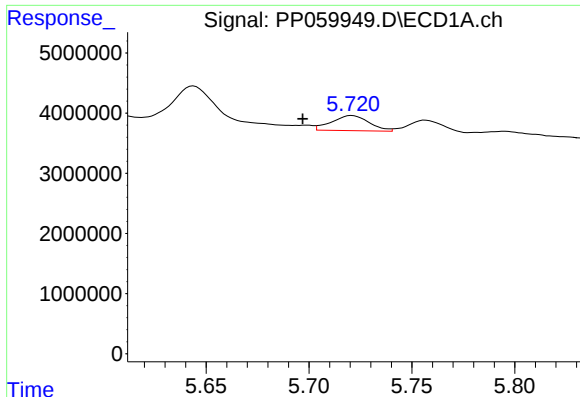
#20 AR-1242-5

R.T.: 6.643 min
Delta R.T.: 0.010 min
Response: 102036289
Conc: 2231.79 ng/ml



#20 AR-1242-5

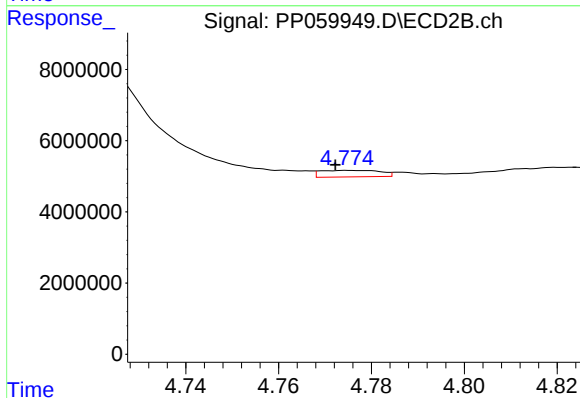
R.T.: 5.593 min
Delta R.T.: 0.008 min
Response: 72253139
Conc: 1493.45 ng/ml



#21 AR-1248-1

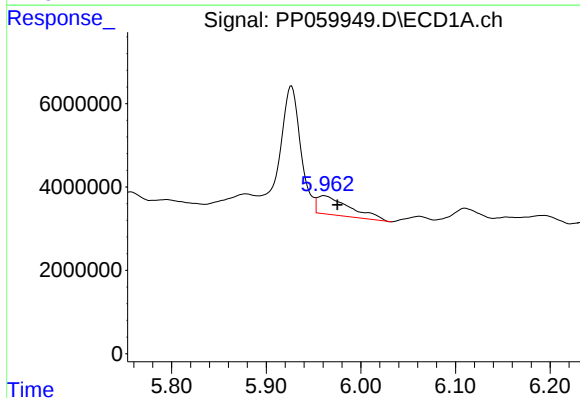
R.T.: 5.721 min
Delta R.T.: 0.024 min
Response: 3189310
Conc: 71.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



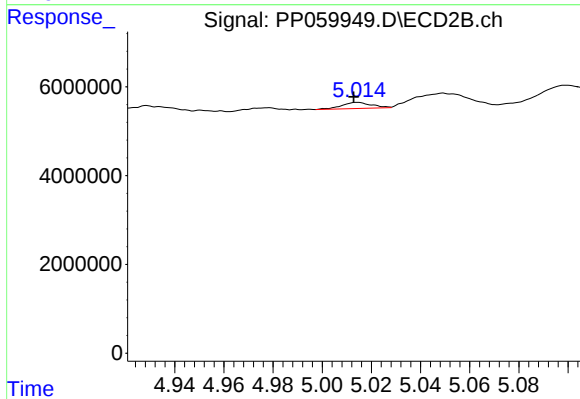
#21 AR-1248-1

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 1628792
Conc: 41.69 ng/ml



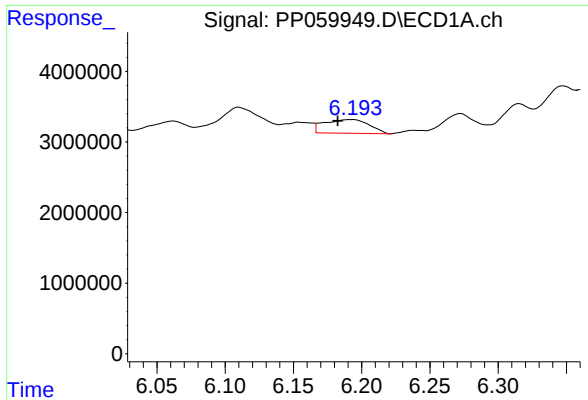
#22 AR-1248-2

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 10809810
Conc: 166.91 ng/ml



#22 AR-1248-2

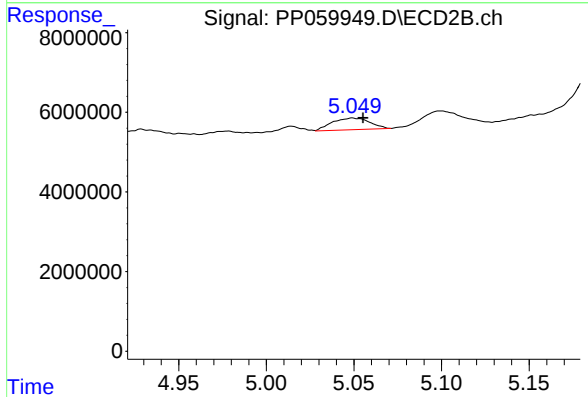
R.T.: 5.014 min
Delta R.T.: 0.001 min
Response: 1139780
Conc: 21.04 ng/ml



#23 AR-1248-3

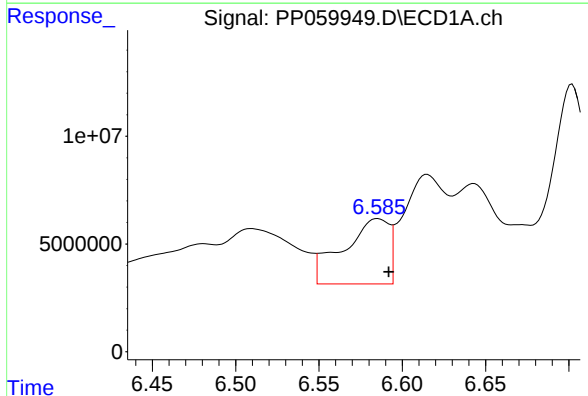
R.T.: 6.193 min
Delta R.T.: 0.010 min
Response: 4420125
Conc: 62.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



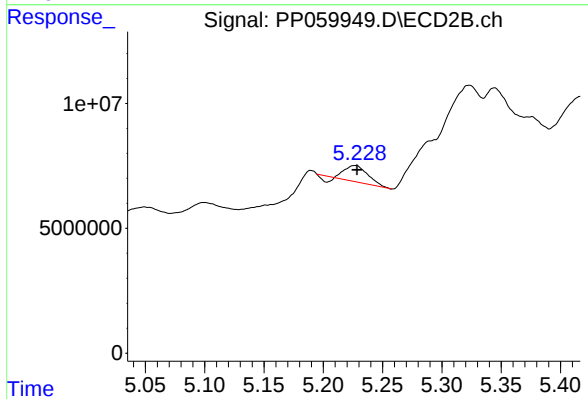
#23 AR-1248-3

R.T.: 5.049 min
Delta R.T.: -0.006 min
Response: 4374746
Conc: 76.89 ng/ml



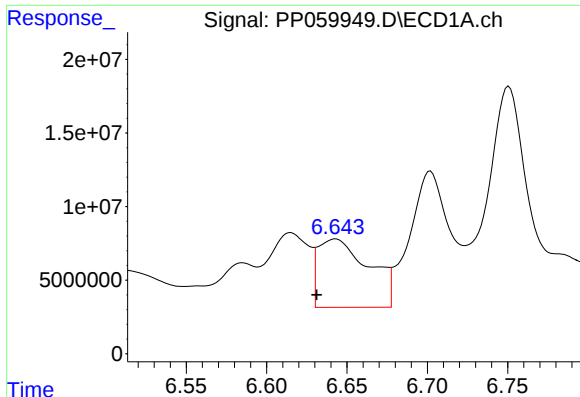
#24 AR-1248-4

R.T.: 6.585 min
Delta R.T.: -0.007 min
Response: 58007095
Conc: 749.99 ng/ml



#24 AR-1248-4

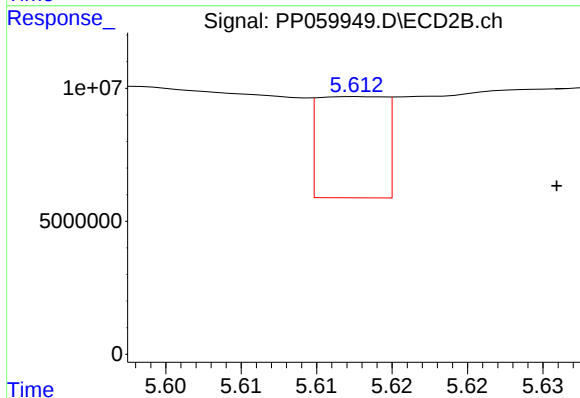
R.T.: 5.228 min
Delta R.T.: 0.000 min
Response: 8042417
Conc: 119.74 ng/ml



#25 AR-1248-5

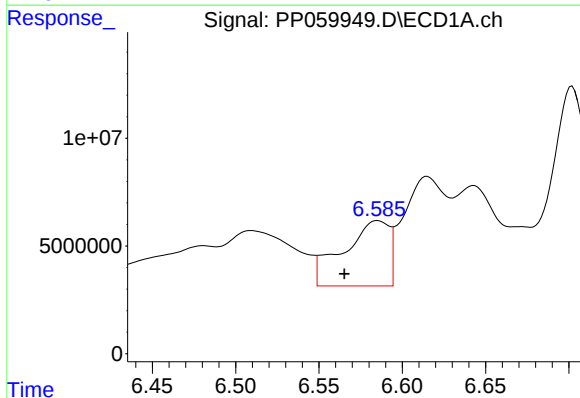
R.T.: 6.643 min
Delta R.T.: 0.012 min
Response: 102036289
Conc: 1356.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



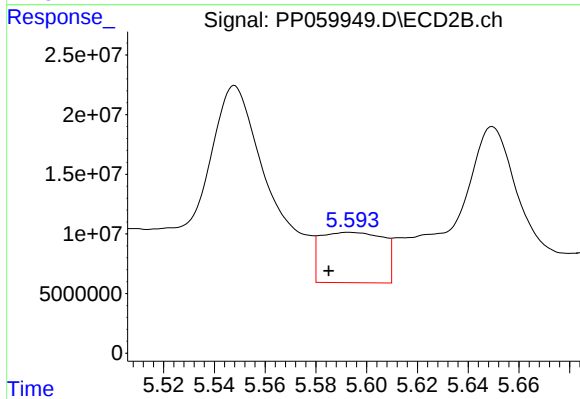
#25 AR-1248-5

R.T.: 5.613 min
Delta R.T.: -0.013 min
Response: 11770314
Conc: 178.44 ng/ml



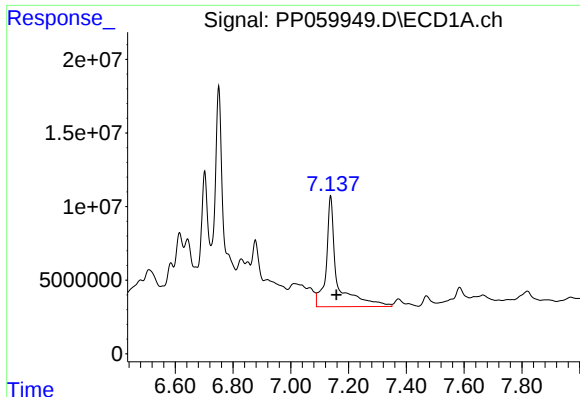
#26 AR-1254-1

R.T.: 6.585 min
Delta R.T.: 0.020 min
Response: 58007095
Conc: 726.57 ng/ml



#26 AR-1254-1

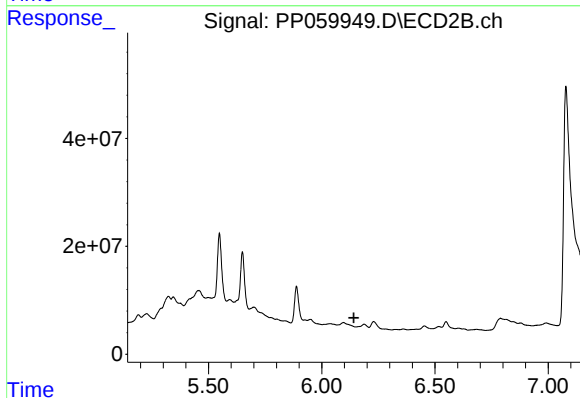
R.T.: 5.593 min
Delta R.T.: 0.008 min
Response: 72253139
Conc: 719.96 ng/ml



#28 AR-1254-3

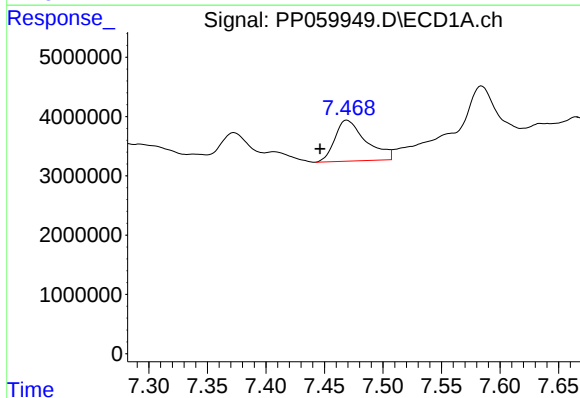
R.T.: 7.138 min
Delta R.T.: -0.020 min
Response: 196730933
Conc: 1619.44 ng/m

Instrument :
ECD_P
ClientSampleId :



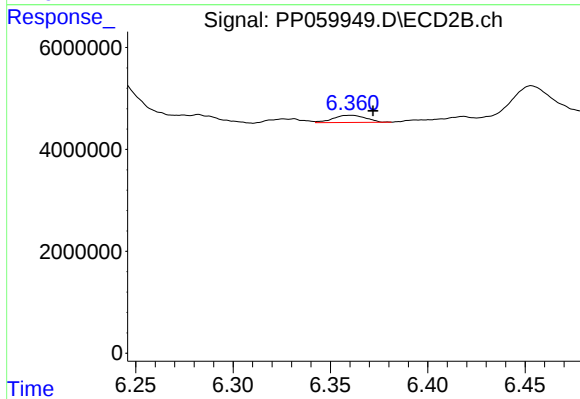
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.142 min
Response: 0
Conc: N.D.



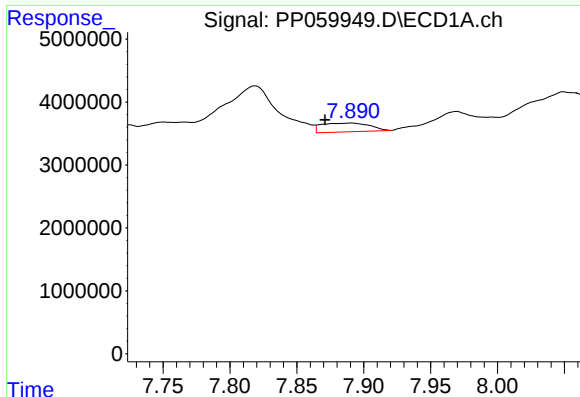
#29 AR-1254-4

R.T.: 7.470 min
Delta R.T.: 0.023 min
Response: 12743948
Conc: 143.30 ng/ml



#29 AR-1254-4

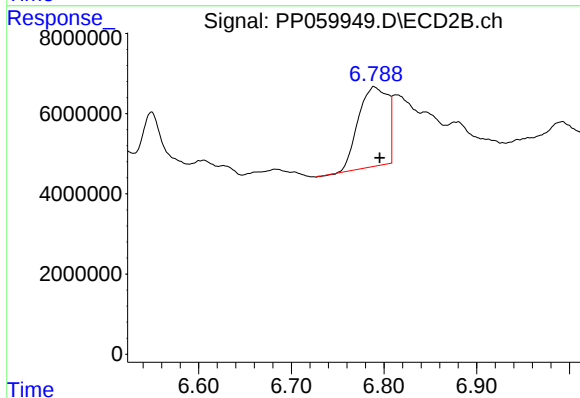
R.T.: 6.361 min
Delta R.T.: -0.011 min
Response: 1641226
Conc: 19.50 ng/ml



#30 AR-1254-5

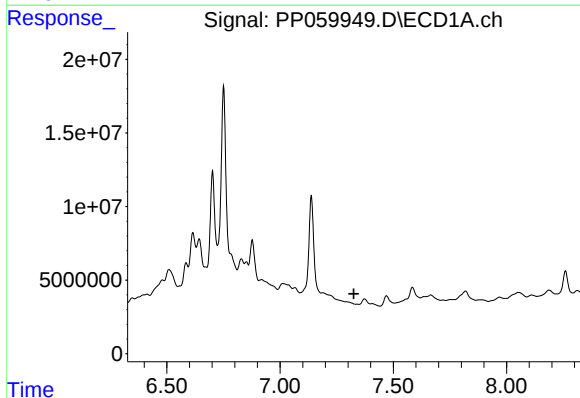
R.T.: 7.891 min
Delta R.T.: 0.020 min
Response: 3476460
Conc: 35.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



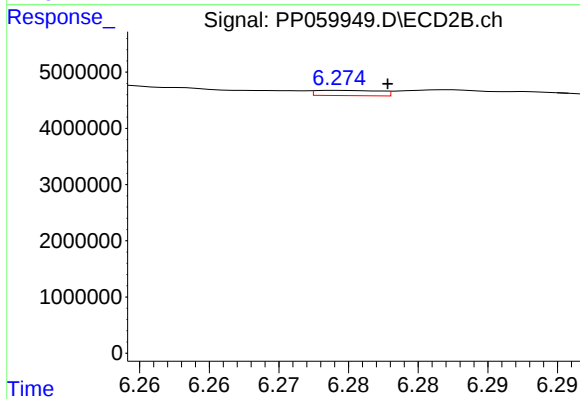
#30 AR-1254-5

R.T.: 6.789 min
Delta R.T.: -0.006 min
Response: 43847808
Conc: 369.66 ng/ml



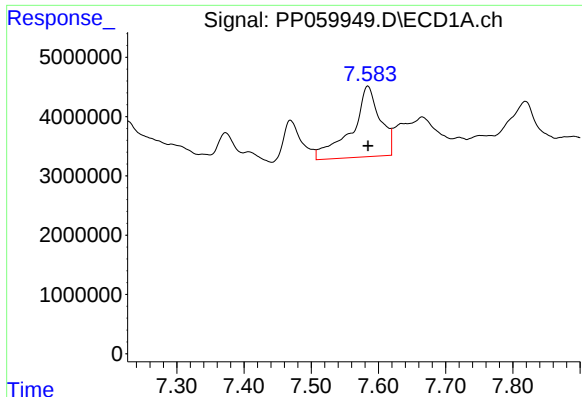
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.326 min
Response: 0
Conc: N.D.



#31 AR-1260-1

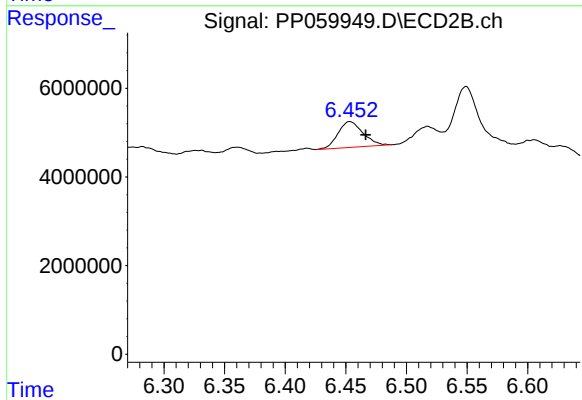
R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 295115
Conc: 3.17 ng/ml



#32 AR-1260-2

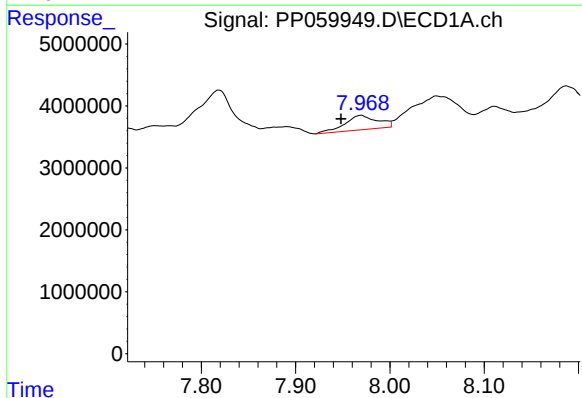
R.T.: 7.584 min
Delta R.T.: 0.000 min
Response: 34862365
Conc: 339.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



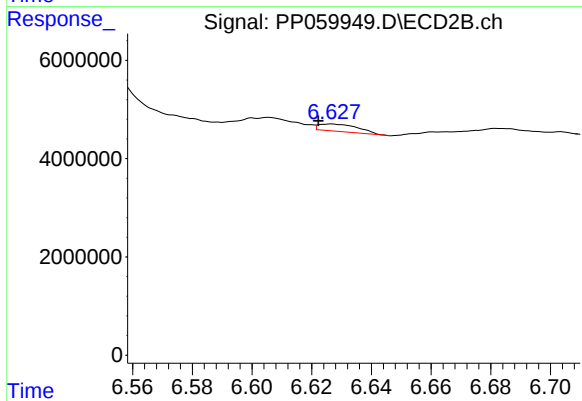
#32 AR-1260-2

R.T.: 6.453 min
Delta R.T.: -0.013 min
Response: 8338319
Conc: 76.05 ng/ml



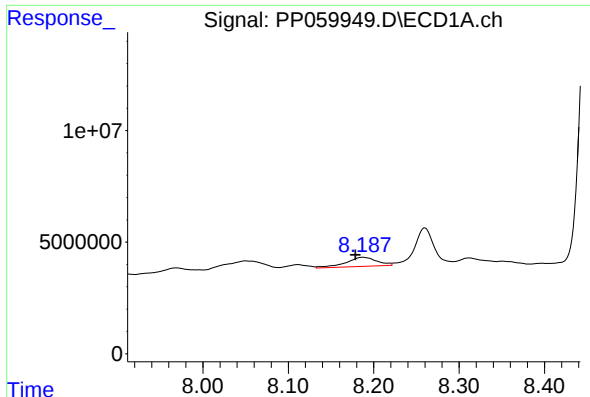
#33 AR-1260-3

R.T.: 7.969 min
Delta R.T.: 0.021 min
Response: 5579041
Conc: 70.84 ng/ml



#33 AR-1260-3

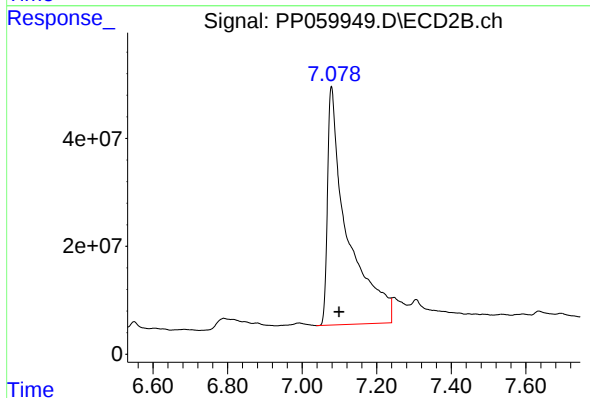
R.T.: 6.627 min
Delta R.T.: 0.004 min
Response: 1370333
Conc: 13.32 ng/ml



#34 AR-1260-4

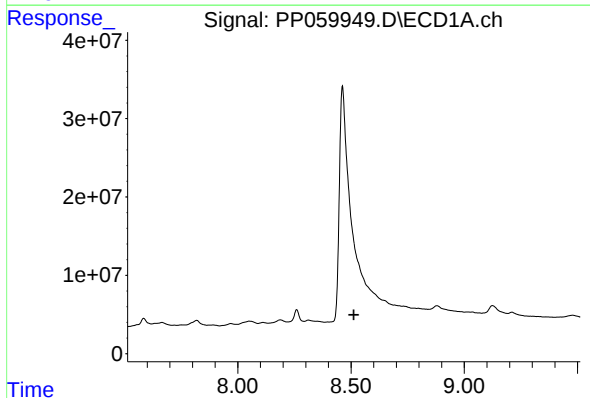
R.T.: 8.187 min
Delta R.T.: 0.009 min
Response: 10325939
Conc: 115.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



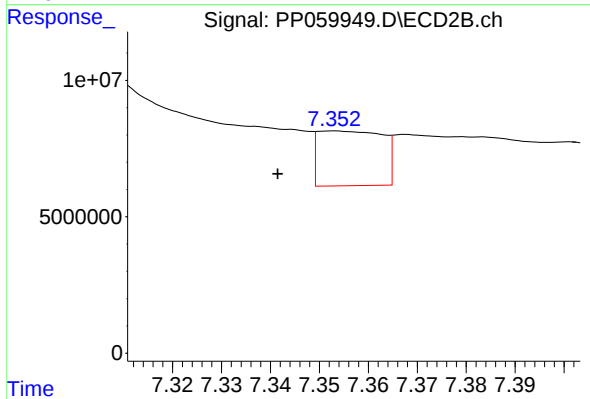
#34 AR-1260-4

R.T.: 7.078 min
Delta R.T.: -0.021 min
Response: 1627583295
Conc: 19542.59 ng/ml



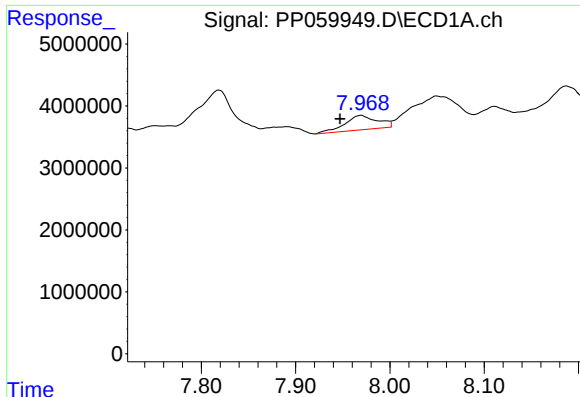
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.513 min
Response: 0
Conc: N.D.



#35 AR-1260-5

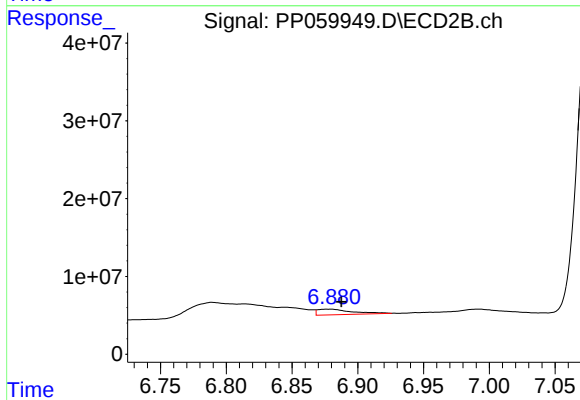
R.T.: 7.353 min
Delta R.T.: 0.012 min
Response: 18339090
Conc: 95.32 ng/ml



#36 AR-1262-1

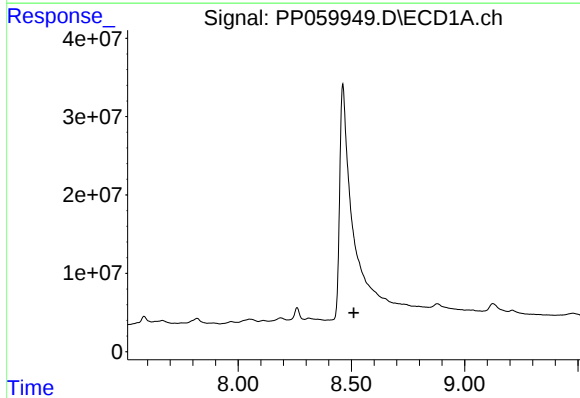
R.T.: 7.969 min
Delta R.T.: 0.022 min
Response: 5579041
Conc: 48.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



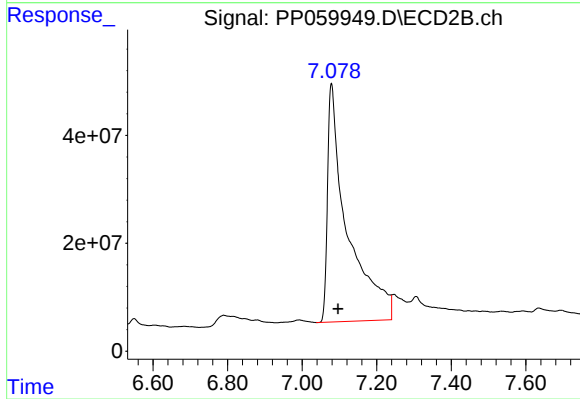
#36 AR-1262-1

R.T.: 6.880 min
Delta R.T.: -0.007 min
Response: 12988400
Conc: 257.33 ng/ml



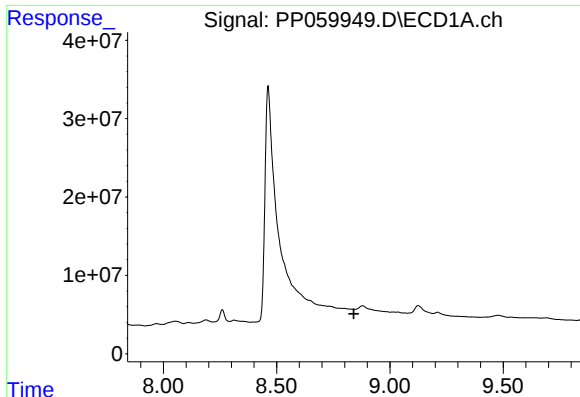
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.511 min
Response: 0
Conc: N.D.



#37 AR-1262-2

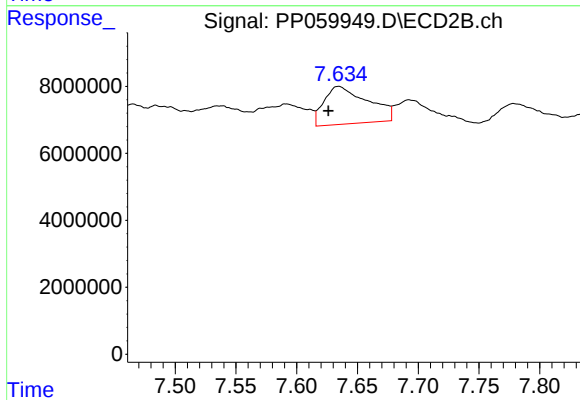
R.T.: 7.078 min
Delta R.T.: -0.018 min
Response: 1627583295
Conc: 14406.63 ng/ml



#38 AR-1262-3

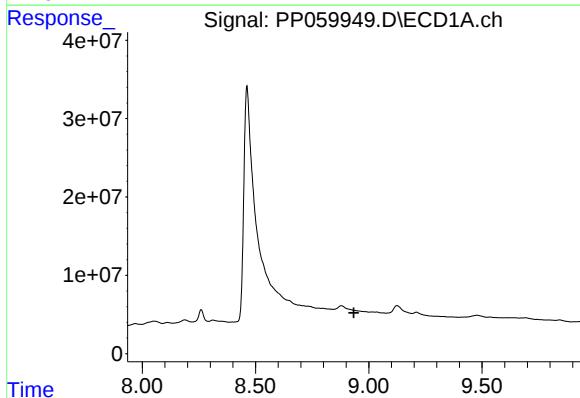
R.T.: 0.000 min
Exp R.T. : 8.841 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



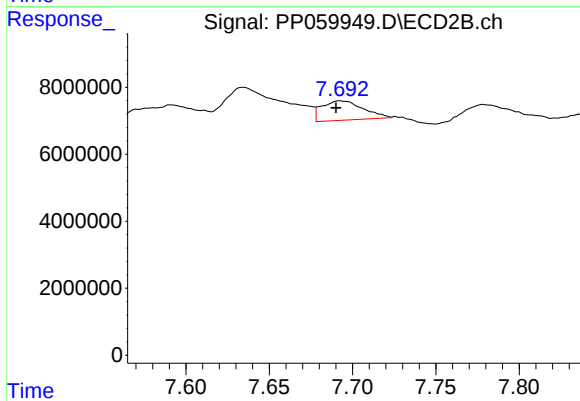
#38 AR-1262-3

R.T.: 7.635 min
Delta R.T.: 0.009 min
Response: 28178703
Conc: 321.48 ng/ml



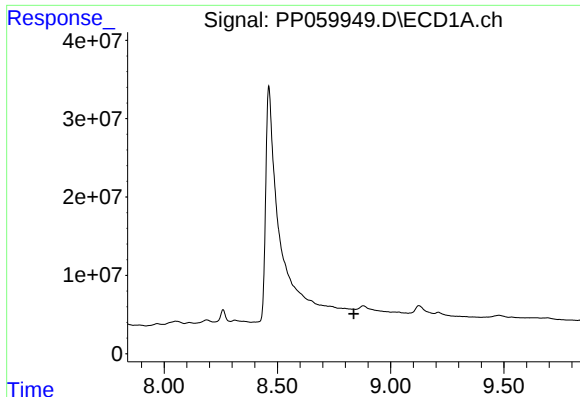
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.934 min
Response: 0
Conc: N.D.



#39 AR-1262-4

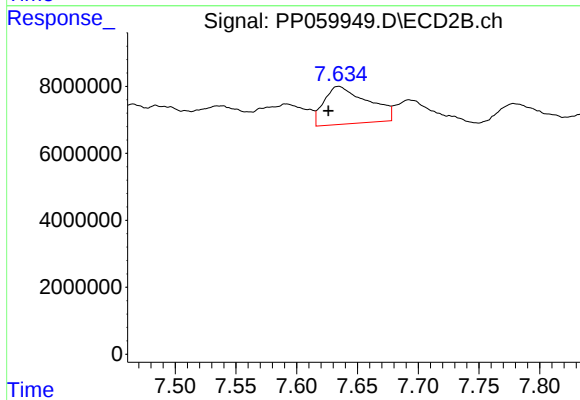
R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 9949474
Conc: 60.93 ng/ml



#41 AR-1268-1

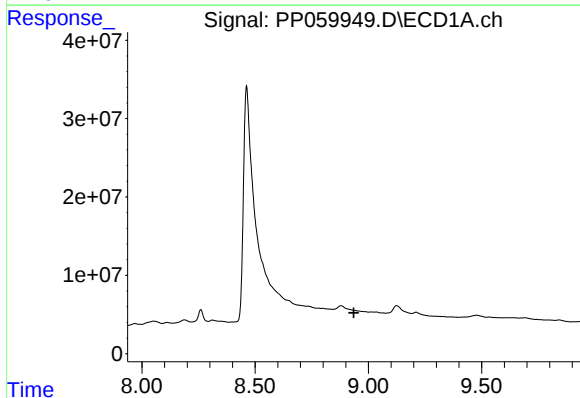
R.T.: 0.000 min
Exp R.T. : 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



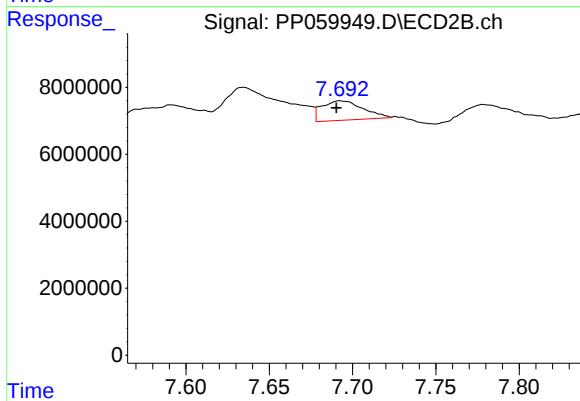
#41 AR-1268-1

R.T.: 7.635 min
Delta R.T.: 0.009 min
Response: 28178703
Conc: 108.23 ng/ml



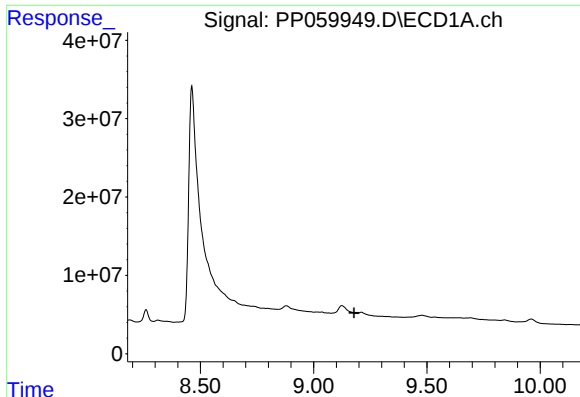
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.936 min
Response: 0
Conc: N.D.



#42 AR-1268-2

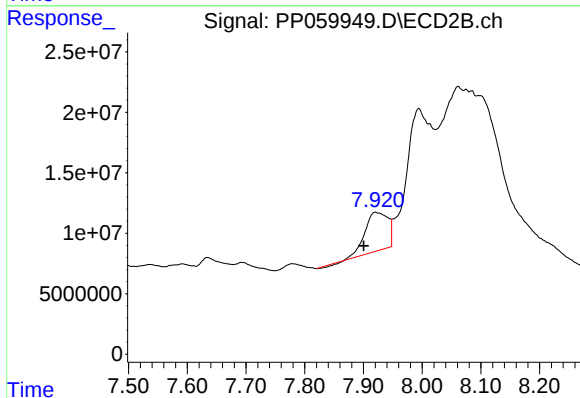
R.T.: 7.692 min
Delta R.T.: 0.002 min
Response: 9949474
Conc: 43.04 ng/ml



#43 AR-1268-3

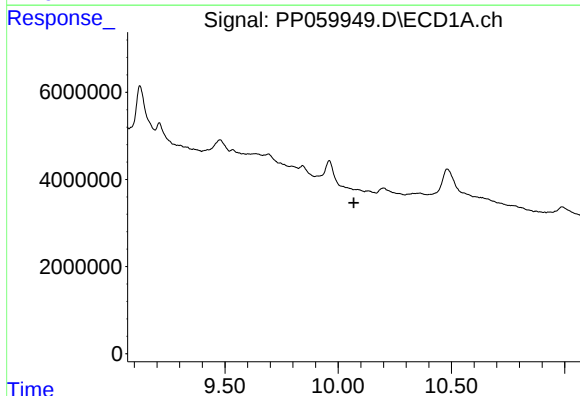
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



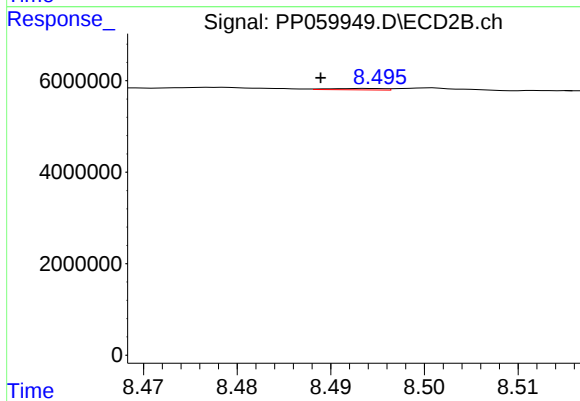
#43 AR-1268-3

R.T.: 7.920 min
Delta R.T.: 0.019 min
Response: 85568818
Conc: 419.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.494 min
Delta R.T.: 0.005 min
Response: 118094
Conc: 0.19 ng/ml