

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
 Data File : PP059972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2023 22:35
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 01:32:39 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...	4.509	3.667	91530259	69335569	43.999	42.567
2)	SA Decachlor...	10.428	8.746	74124355	73643010	48.595	48.636
Target Compounds							
3)	L1 AR-1016-1	5.697	4.769	26517851	22715259	393.002	377.859
4)	L1 AR-1016-2	5.720	4.789	37152606	30769895	388.377	370.714
5)	L1 AR-1016-3	5.783	4.967	23314983	17250930	391.697	384.559
6)	L1 AR-1016-4	5.883	5.009	19518839	13211106	398.619	374.476
7)	L1 AR-1016-5	6.182	5.225	19866503	18277034	404.055	393.084
8)	L2 AR-1221-1	4.715	3.885	3232187	2726470	121.588	124.129
9)	L2 AR-1221-2	4.808	3.972	4759558	3385242	241.810	219.267
10)	L2 AR-1221-3	4.885	4.049	15895029	12057694	278.280	257.076
11)	L3 AR-1232-1	4.885	4.049	15895029	12057694	340.695	317.195
12)	L3 AR-1232-2	5.425	4.789	21146154	30769895	832.567	834.480
13)	L3 AR-1232-3	5.720	4.967	37152606	17250930	859.948	861.534
14)	L3 AR-1232-4	5.883	5.052	19518839	17299232	883.090	947.045
15)	L3 AR-1232-5	5.975	5.225	17191358	18277034	937.096	911.606
16)	L4 AR-1242-1	5.697	4.769	26517851	22715259	443.994	431.348
17)	L4 AR-1242-2	5.720	4.789	37152606	30769895	442.097	427.025
18)	L4 AR-1242-3	5.783	4.967	23314983	17250930	445.781	440.821
19)	L4 AR-1242-4	5.883	5.052	19518839	17299232	452.957	441.426
20)	L4 AR-1242-5	6.630	5.580	20967285	21838813	458.607	451.402
21)	L5 AR-1248-1	5.697	4.769	26517851	22715259	593.285	581.359
22)	L5 AR-1248-2	5.975	5.009	17191358	13211106	265.447	243.821
23)	L5 AR-1248-3	6.182	5.052	19866503	17299232	280.511	304.030
24)	L5 AR-1248-4	6.591	5.225	20078531	18277034	259.600	272.128
25)	L5 AR-1248-5	6.630	5.622	20967285	18429075	278.671	279.382
26)	L6 AR-1254-1	6.563	5.580	15456259	21838813	193.599	217.612
27)	L6 AR-1254-2	6.790	5.730	17744985	6032509	148.156	69.438 #
28)	L6 AR-1254-3	7.156	6.138	7943208	7379006	65.387	52.557
29)	L6 AR-1254-4	7.444	6.367	5863208	5448757	65.930	64.731
30)	L6 AR-1254-5	7.869	6.790	1572846	1889221	16.169	15.927
31)	L7 AR-1260-1	7.325	6.284	972299	2647405	10.787	28.431 #
32)	L7 AR-1260-2	7.584	6.457	1809003	662627	17.634	6.044 #
33)	L7 AR-1260-3	7.930f	6.611	253109	991128	3.214	9.636 #
34)	L7 AR-1260-4	8.164	7.092	737261	77612	8.226	0.932 #
35)	L7 AR-1260-5	0.000	7.331	0	133532	N.D.	0.694 #
36)	L8 AR-1262-1	7.930f	6.912f	253109	169289	2.187	3.354 #
37)	L8 AR-1262-2	0.000	7.092	0	77612	N.D.	0.687 #
38)	L8 AR-1262-3	0.000	7.626	0	81789	N.D.	0.933 #
39)	L8 AR-1262-4	0.000	7.681	0	229887	N.D.	1.408 #
40)	L8 AR-1262-5	0.000	8.220f	0	25781	N.D.	0.345 #
41)	L9 AR-1268-1	0.000	7.626	0	81789	N.D.	0.314 #

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 Quant Time: Sep 20 01:32:39 2023
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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	0.000	7.681	0	229887	N.D.	0.994 #
43) L9	AR-1268-3	0.000	7.898	0	166068	N.D.	0.813 #
45) L9	AR-1268-5	10.071	8.483	512540	1141665	0.847	1.807 #

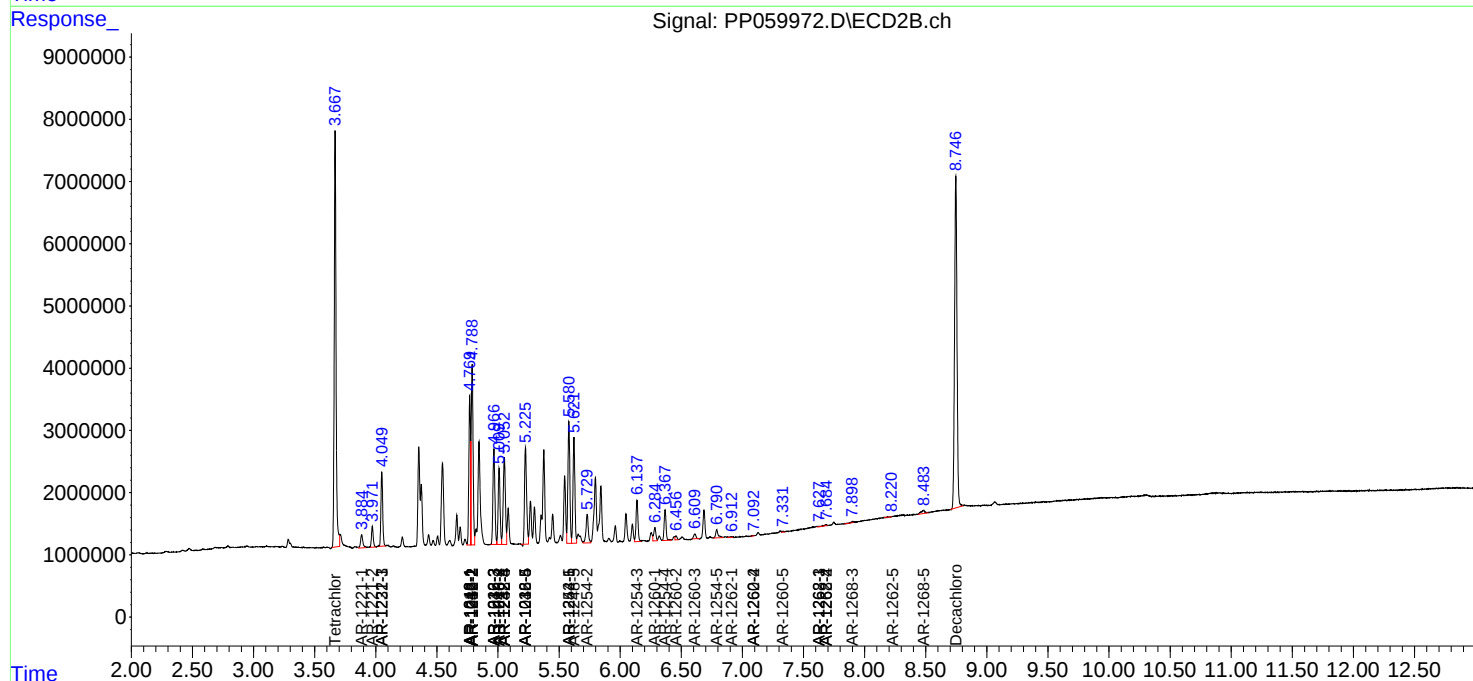
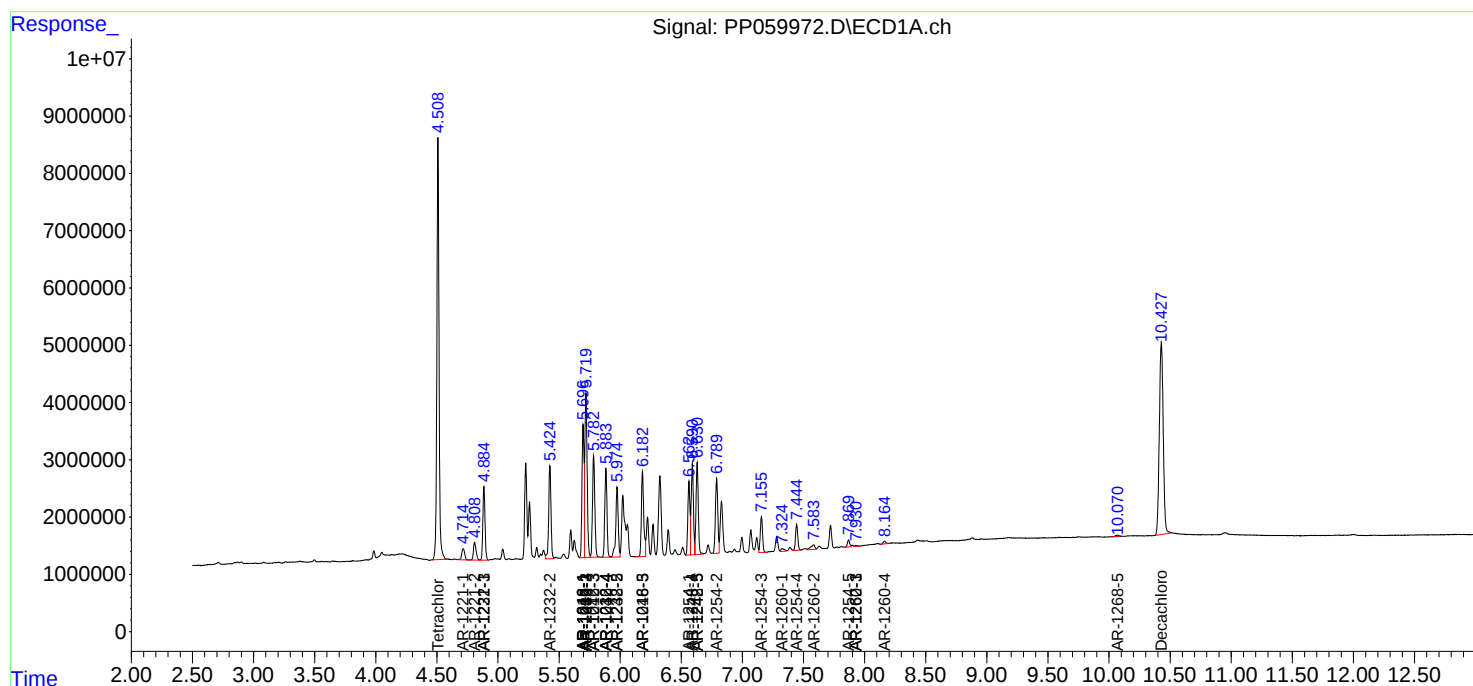
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

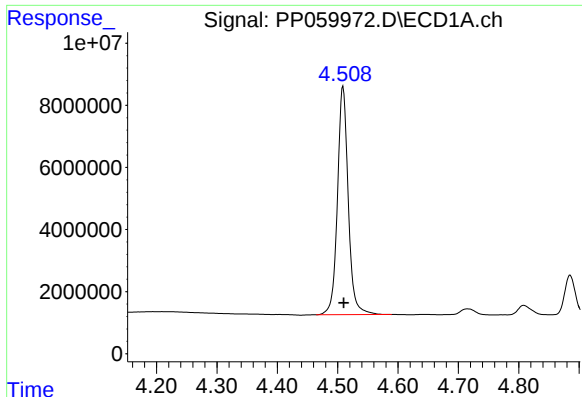
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP091923\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

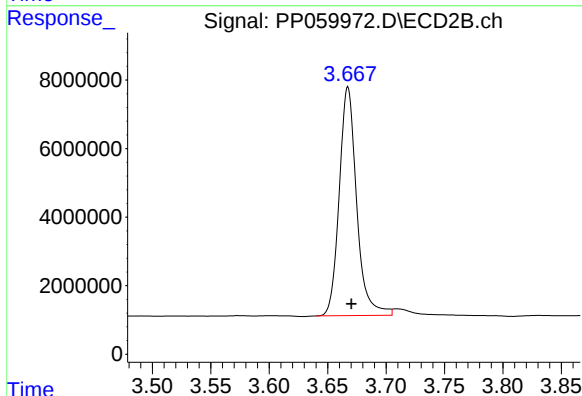




#1 Tetrachloro-m-xylene

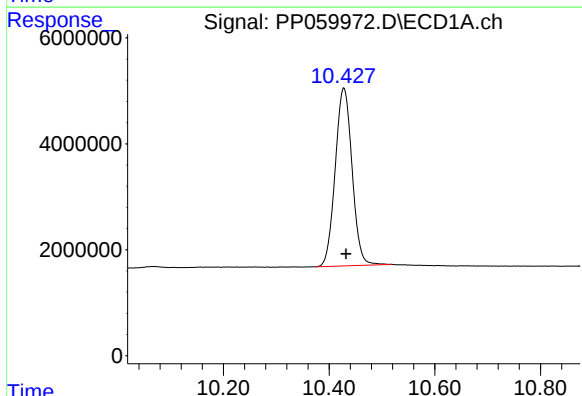
R.T.: 4.509 min
Delta R.T.: -0.001 min
Response: 91530259
Conc: 44.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



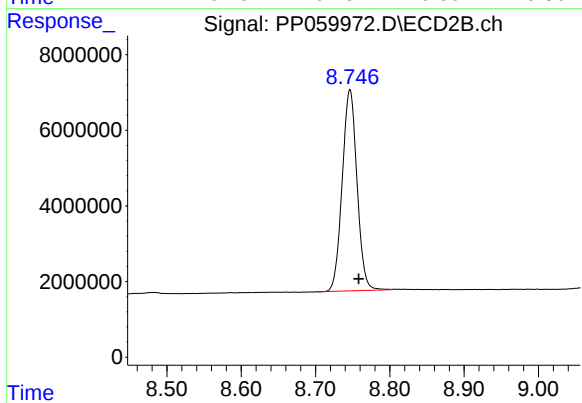
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.003 min
Response: 69335569
Conc: 42.57 ng/ml



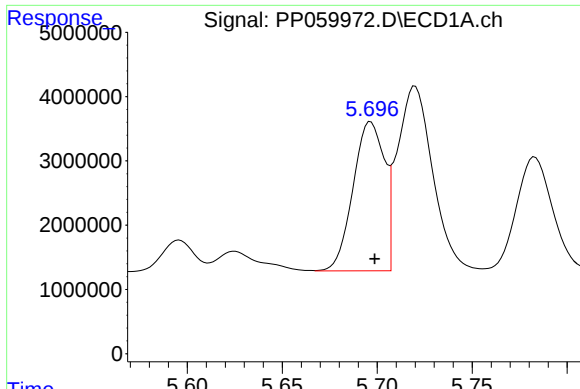
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.004 min
Response: 74124355
Conc: 48.60 ng/ml



#2 Decachlorobiphenyl

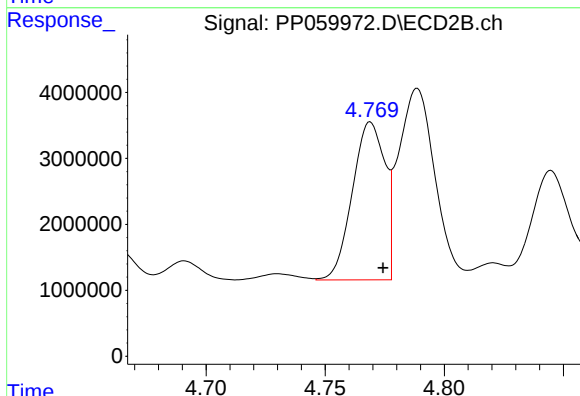
R.T.: 8.746 min
Delta R.T.: -0.012 min
Response: 73643010
Conc: 48.64 ng/ml



#3 AR-1016-1

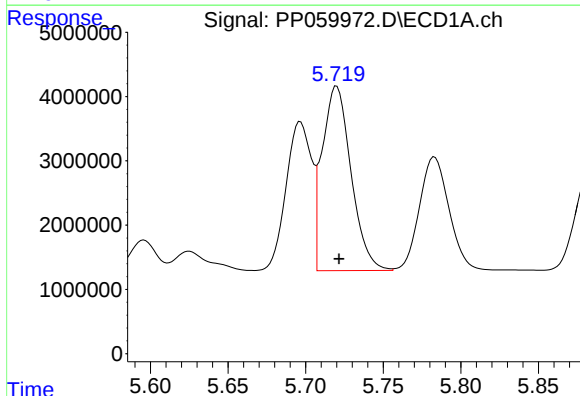
R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 26517851
Conc: 393.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



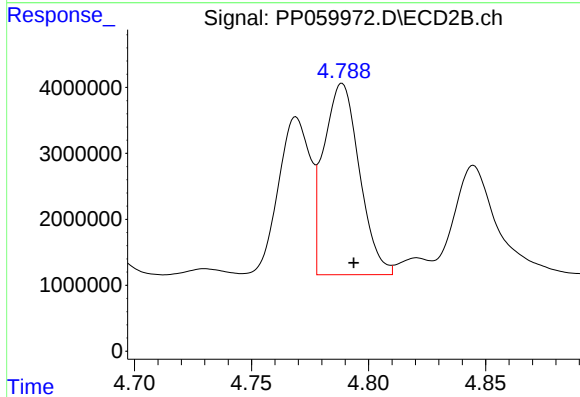
#3 AR-1016-1

R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 22715259
Conc: 377.86 ng/ml



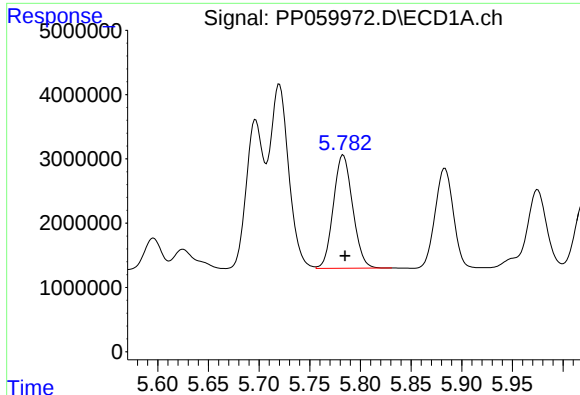
#4 AR-1016-2

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 37152606
Conc: 388.38 ng/ml



#4 AR-1016-2

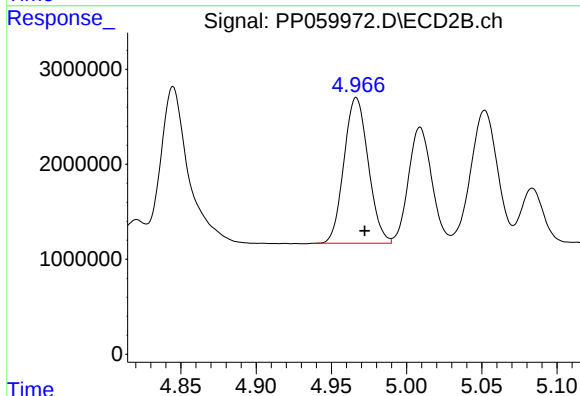
R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 30769895
Conc: 370.71 ng/ml



#5 AR-1016-3

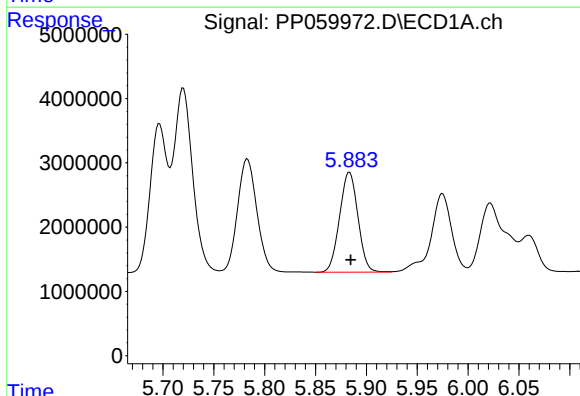
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 23314983
Conc: 391.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



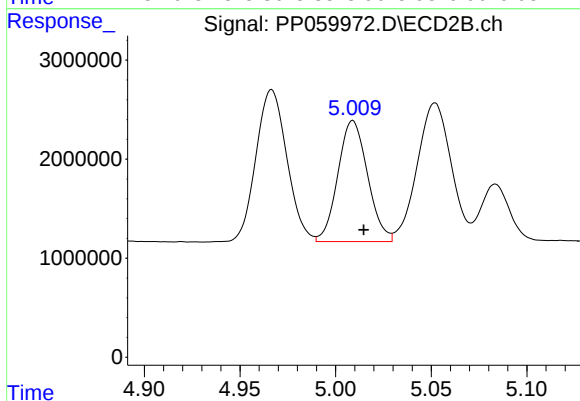
#5 AR-1016-3

R.T.: 4.967 min
Delta R.T.: -0.006 min
Response: 17250930
Conc: 384.56 ng/ml



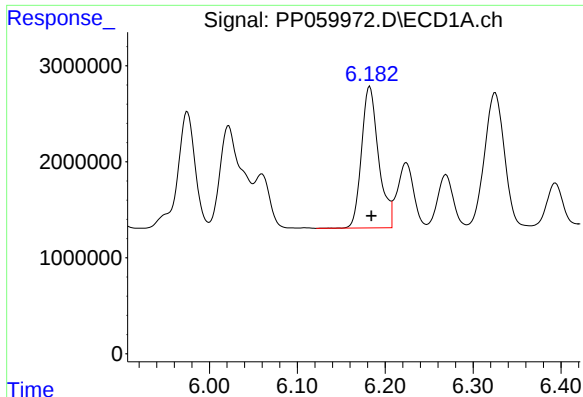
#6 AR-1016-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 19518839
Conc: 398.62 ng/ml



#6 AR-1016-4

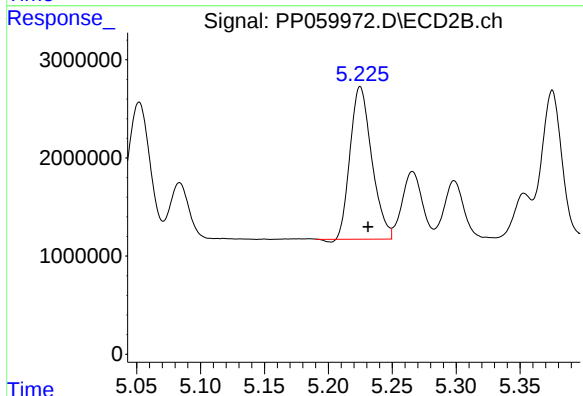
R.T.: 5.009 min
Delta R.T.: -0.006 min
Response: 13211106
Conc: 374.48 ng/ml



#7 AR-1016-5

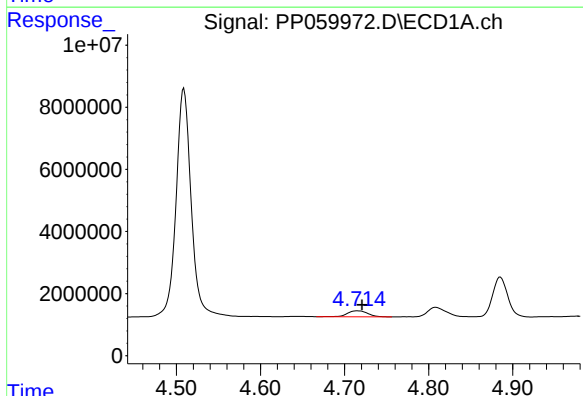
R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 19866503
Conc: 404.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



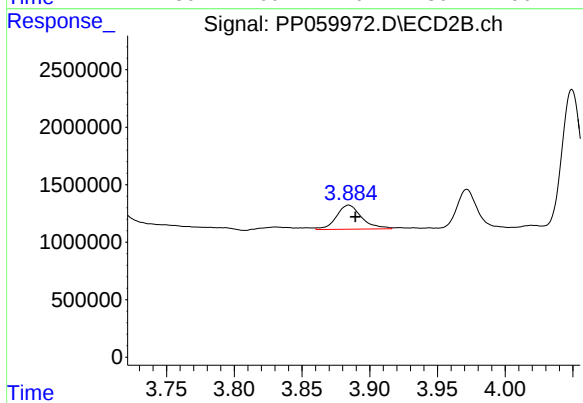
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: -0.006 min
Response: 18277034
Conc: 393.08 ng/ml



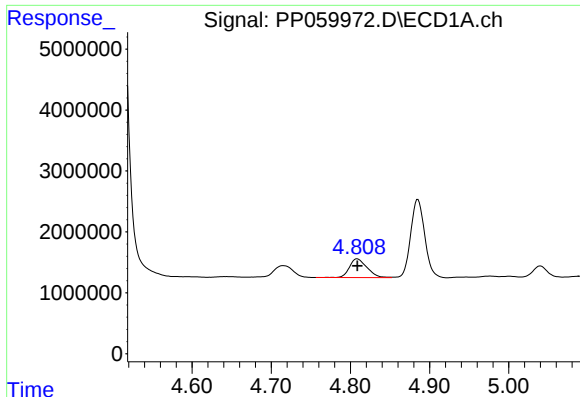
#8 AR-1221-1

R.T.: 4.715 min
Delta R.T.: -0.006 min
Response: 3232187
Conc: 121.59 ng/ml



#8 AR-1221-1

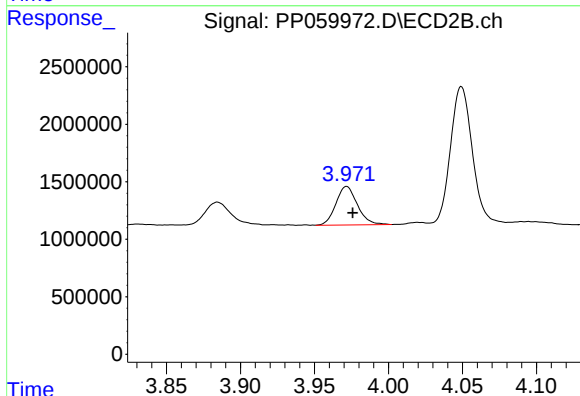
R.T.: 3.885 min
Delta R.T.: -0.005 min
Response: 2726470
Conc: 124.13 ng/ml



#9 AR-1221-2

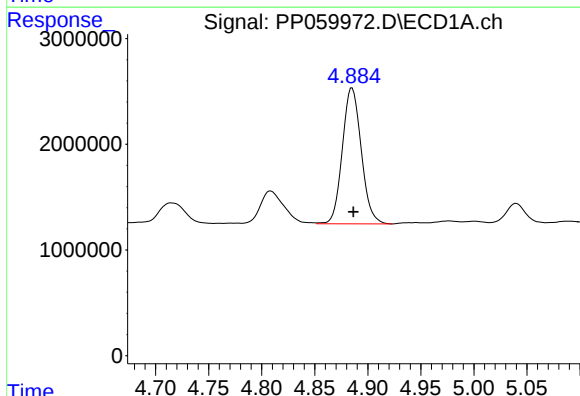
R.T.: 4.808 min
Delta R.T.: 0.000 min
Response: 4759558
Conc: 241.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



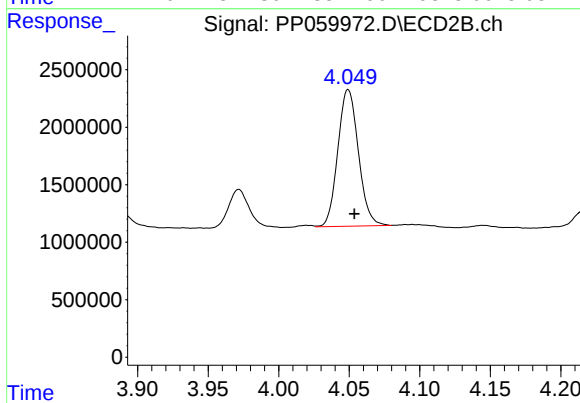
#9 AR-1221-2

R.T.: 3.972 min
Delta R.T.: -0.004 min
Response: 3385242
Conc: 219.27 ng/ml



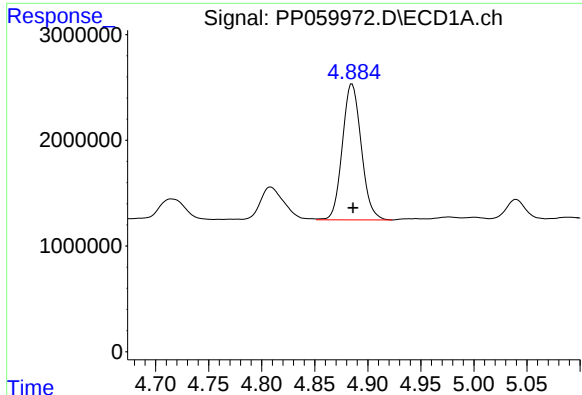
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: -0.001 min
Response: 15895029
Conc: 278.28 ng/ml



#10 AR-1221-3

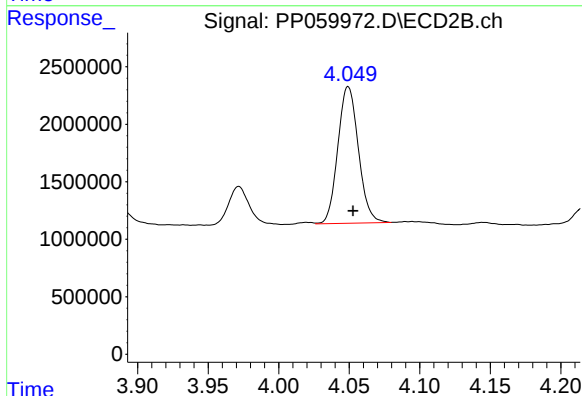
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 12057694
Conc: 257.08 ng/ml



#11 AR-1232-1

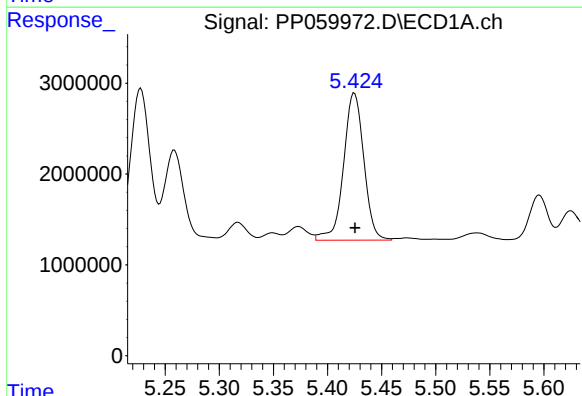
R.T.: 4.885 min
Delta R.T.: 0.000 min
Response: 15895029
Conc: 340.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



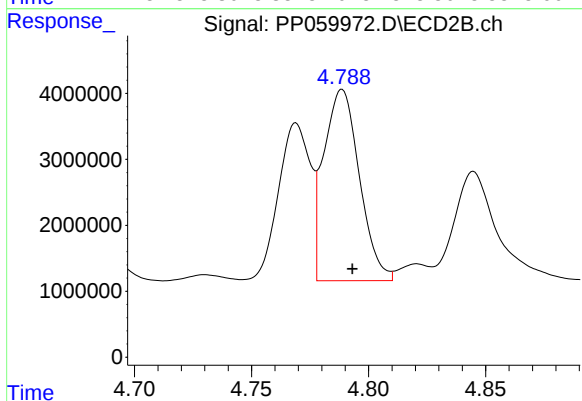
#11 AR-1232-1

R.T.: 4.049 min
Delta R.T.: -0.003 min
Response: 12057694
Conc: 317.19 ng/ml



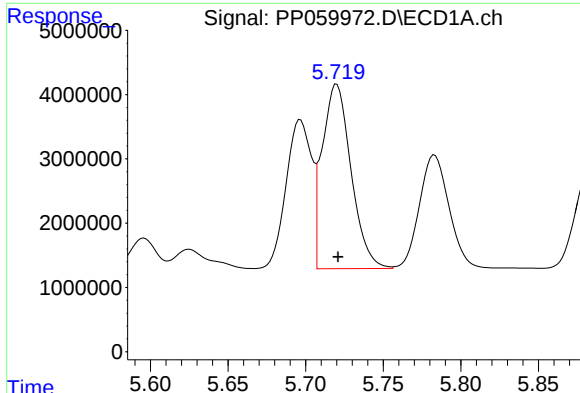
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.000 min
Response: 21146154
Conc: 832.57 ng/ml



#12 AR-1232-2

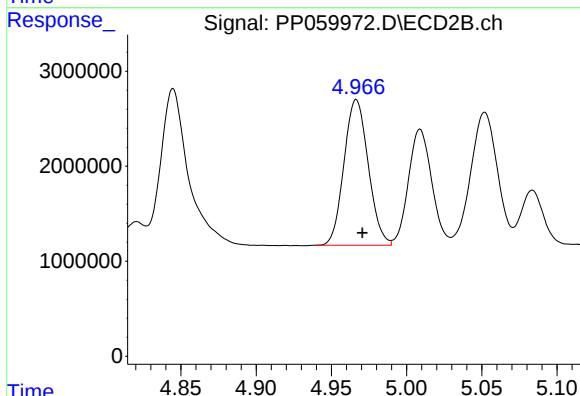
R.T.: 4.789 min
Delta R.T.: -0.004 min
Response: 30769895
Conc: 834.48 ng/ml



#13 AR-1232-3

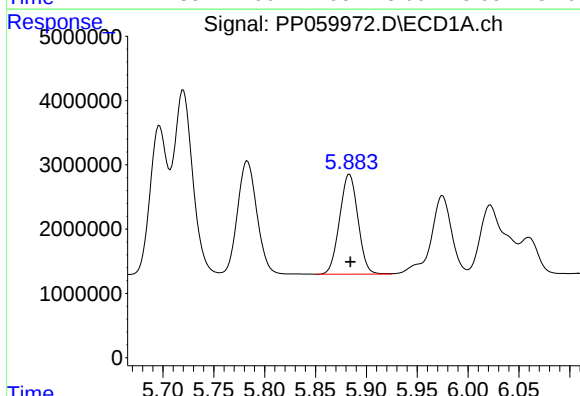
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 37152606
Conc: 859.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



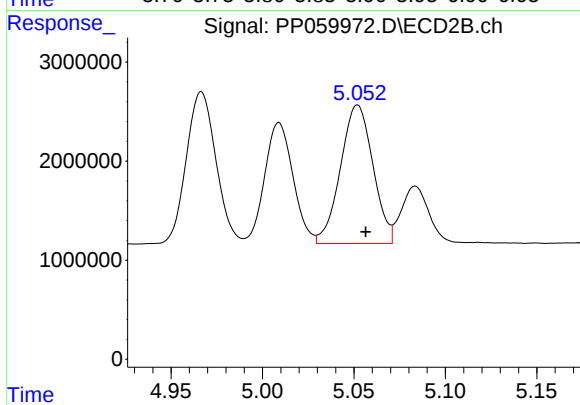
#13 AR-1232-3

R.T.: 4.967 min
Delta R.T.: -0.004 min
Response: 17250930
Conc: 861.53 ng/ml



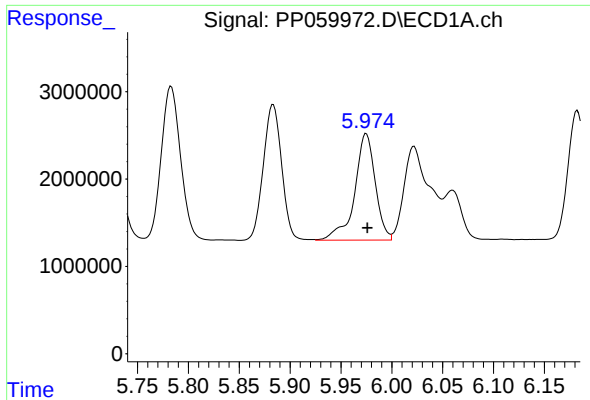
#14 AR-1232-4

R.T.: 5.883 min
Delta R.T.: -0.001 min
Response: 19518839
Conc: 883.09 ng/ml



#14 AR-1232-4

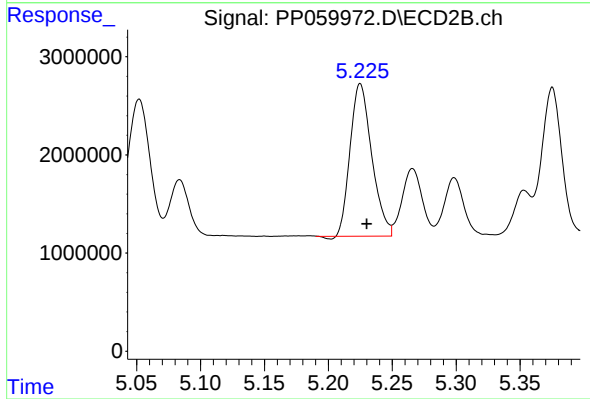
R.T.: 5.052 min
Delta R.T.: -0.004 min
Response: 17299232
Conc: 947.04 ng/ml



#15 AR-1232-5

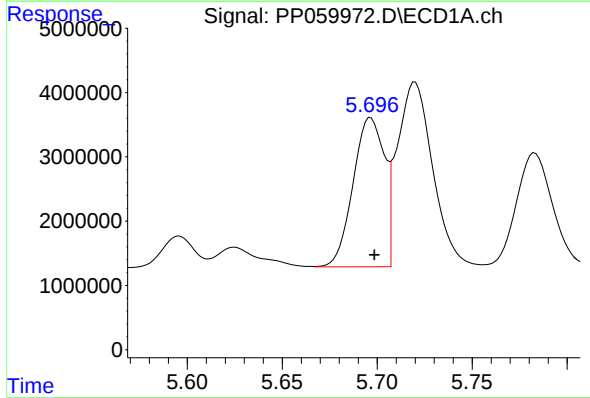
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 17191358
Conc: 937.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



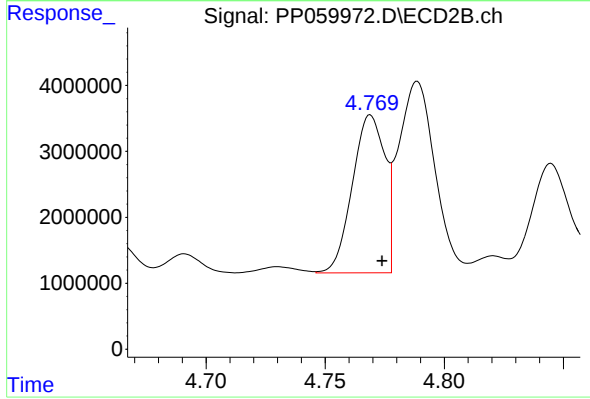
#15 AR-1232-5

R.T.: 5.225 min
Delta R.T.: -0.005 min
Response: 18277034
Conc: 911.61 ng/ml



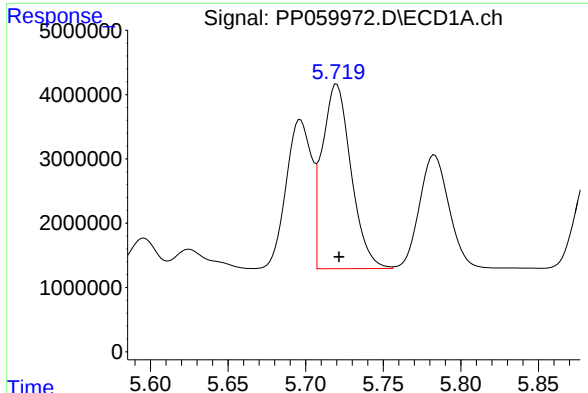
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 26517851
Conc: 443.99 ng/ml



#16 AR-1242-1

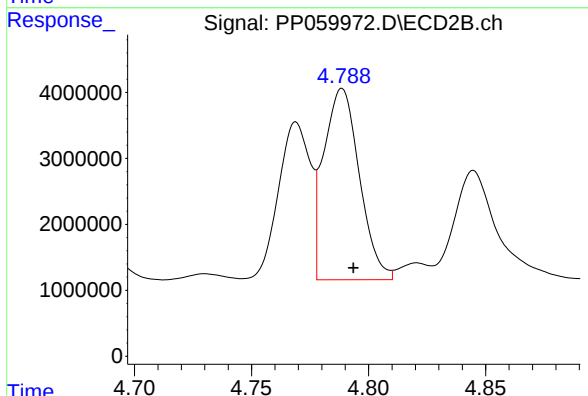
R.T.: 4.769 min
Delta R.T.: -0.005 min
Response: 22715259
Conc: 431.35 ng/ml



#17 AR-1242-2

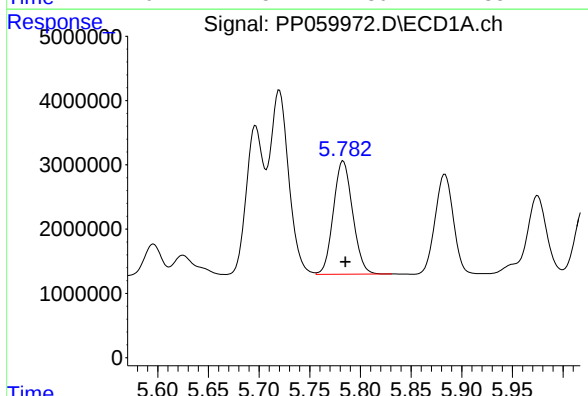
R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 37152606
Conc: 442.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



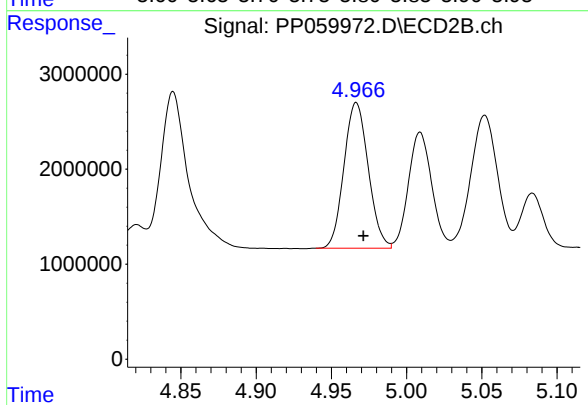
#17 AR-1242-2

R.T.: 4.789 min
Delta R.T.: -0.005 min
Response: 30769895
Conc: 427.02 ng/ml



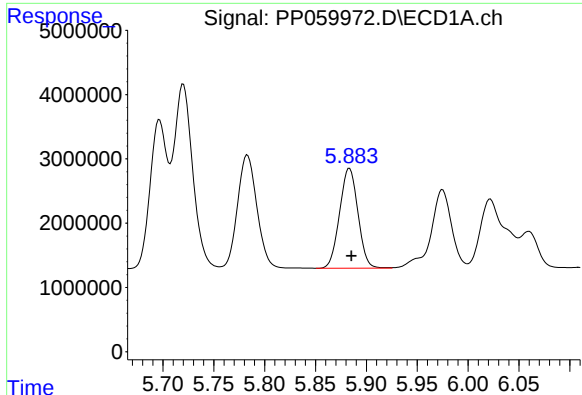
#18 AR-1242-3

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 23314983
Conc: 445.78 ng/ml



#18 AR-1242-3

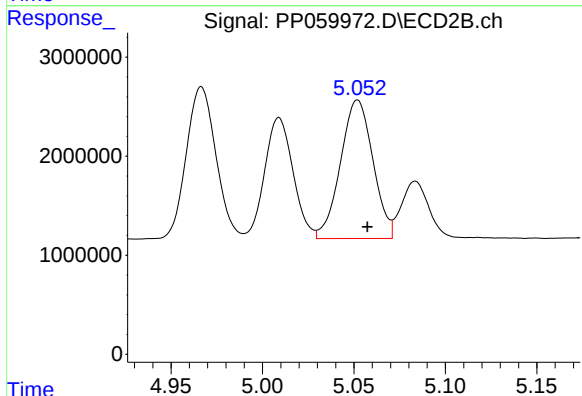
R.T.: 4.967 min
Delta R.T.: -0.005 min
Response: 17250930
Conc: 440.82 ng/ml



#19 AR-1242-4

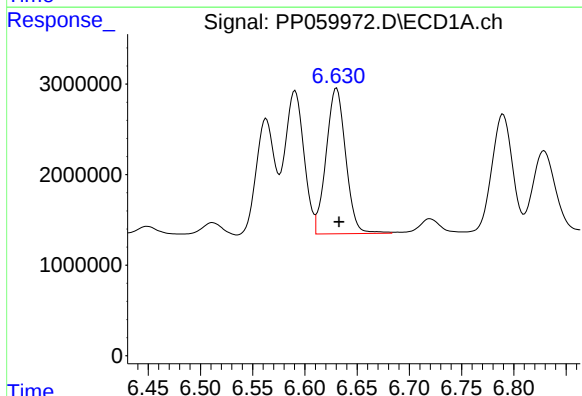
R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 19518839
Conc: 452.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



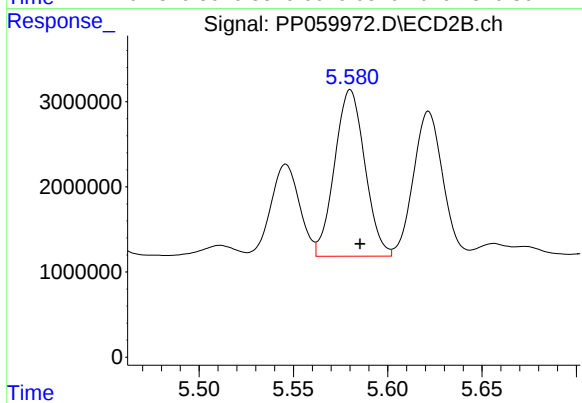
#19 AR-1242-4

R.T.: 5.052 min
Delta R.T.: -0.005 min
Response: 17299232
Conc: 441.43 ng/ml



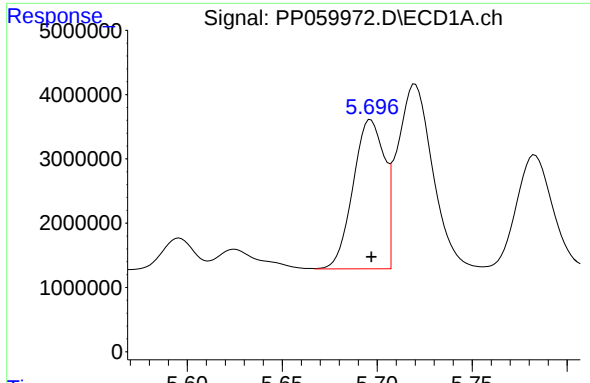
#20 AR-1242-5

R.T.: 6.630 min
Delta R.T.: -0.002 min
Response: 20967285
Conc: 458.61 ng/ml



#20 AR-1242-5

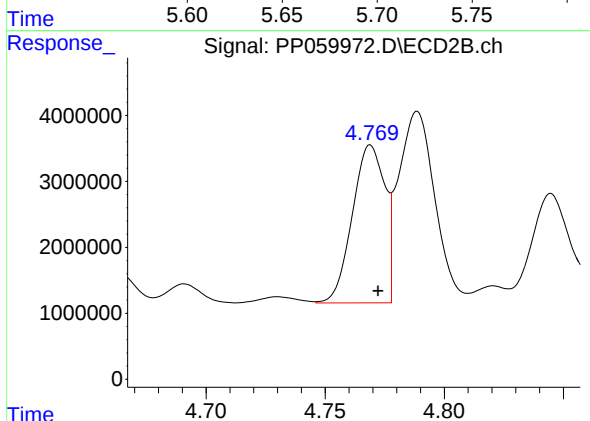
R.T.: 5.580 min
Delta R.T.: -0.005 min
Response: 21838813
Conc: 451.40 ng/ml



#21 AR-1248-1

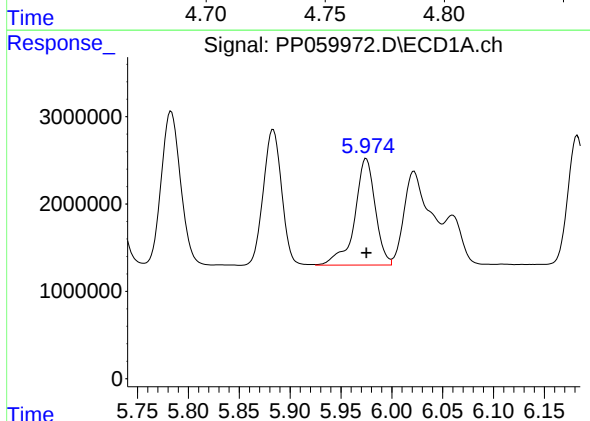
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 26517851
Conc: 593.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



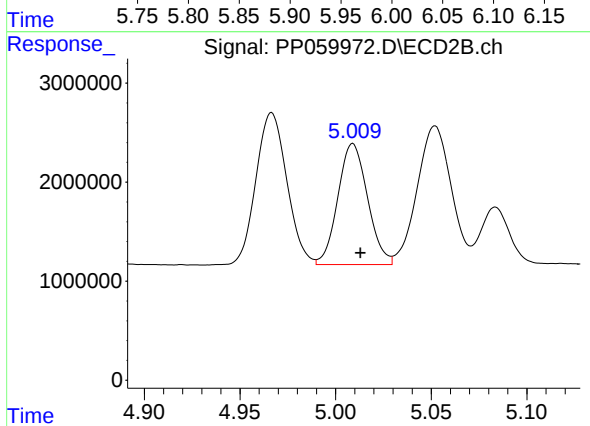
#21 AR-1248-1

R.T.: 4.769 min
Delta R.T.: -0.003 min
Response: 22715259
Conc: 581.36 ng/ml



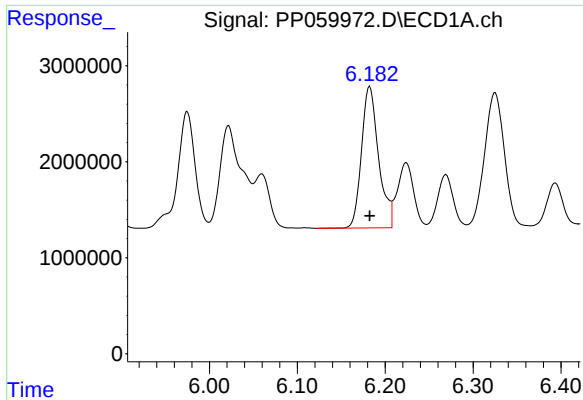
#22 AR-1248-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 17191358
Conc: 265.45 ng/ml



#22 AR-1248-2

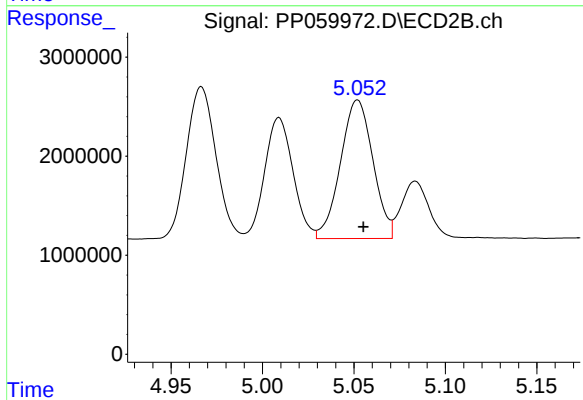
R.T.: 5.009 min
Delta R.T.: -0.004 min
Response: 13211106
Conc: 243.82 ng/ml



#23 AR-1248-3

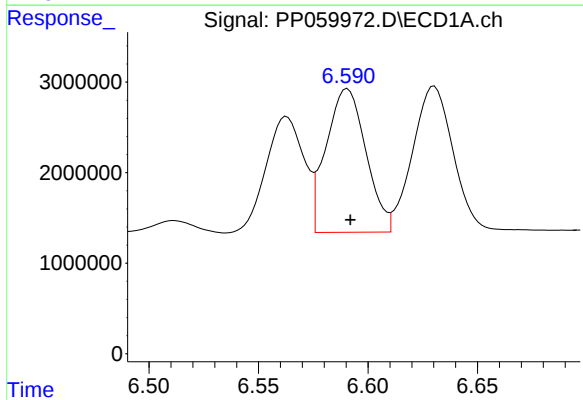
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 19866503
Conc: 280.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



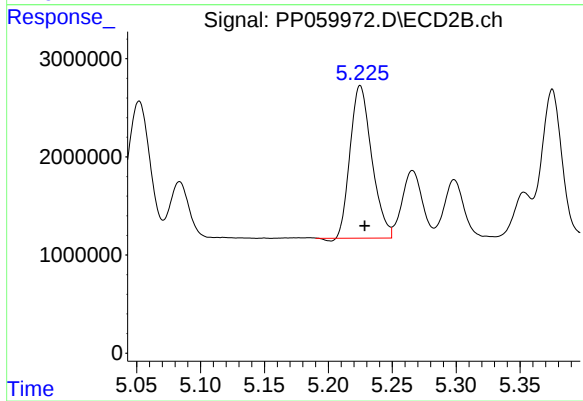
#23 AR-1248-3

R.T.: 5.052 min
Delta R.T.: -0.003 min
Response: 17299232
Conc: 304.03 ng/ml



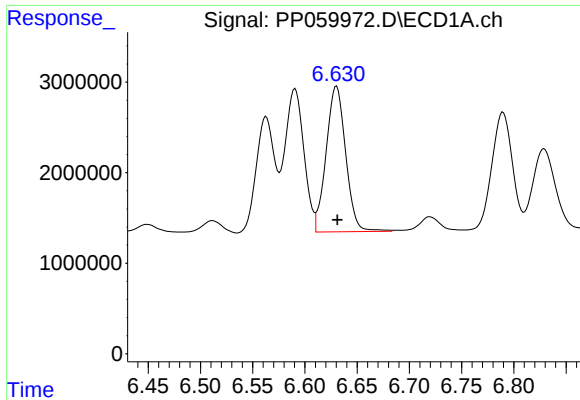
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: -0.001 min
Response: 20078531
Conc: 259.60 ng/ml



#24 AR-1248-4

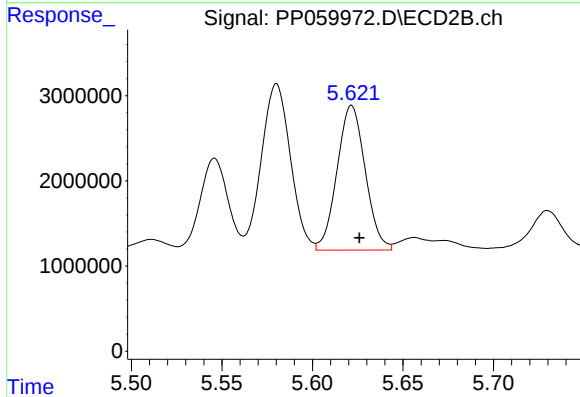
R.T.: 5.225 min
Delta R.T.: -0.003 min
Response: 18277034
Conc: 272.13 ng/ml



#25 AR-1248-5

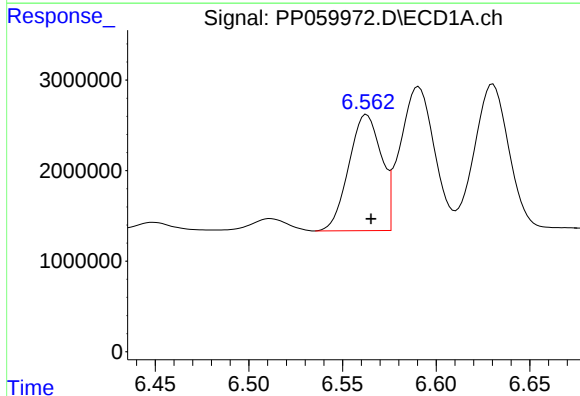
R.T.: 6.630 min
Delta R.T.: 0.000 min
Response: 20967285
Conc: 278.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



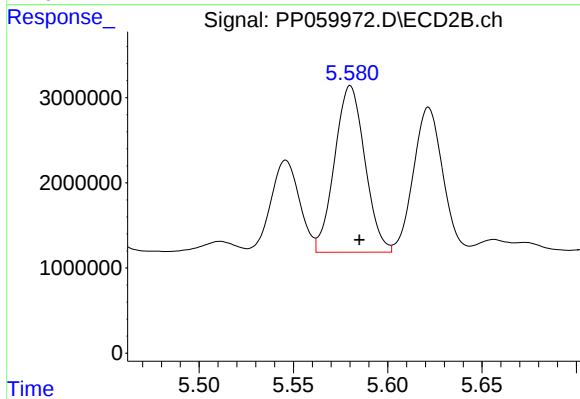
#25 AR-1248-5

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 18429075
Conc: 279.38 ng/ml



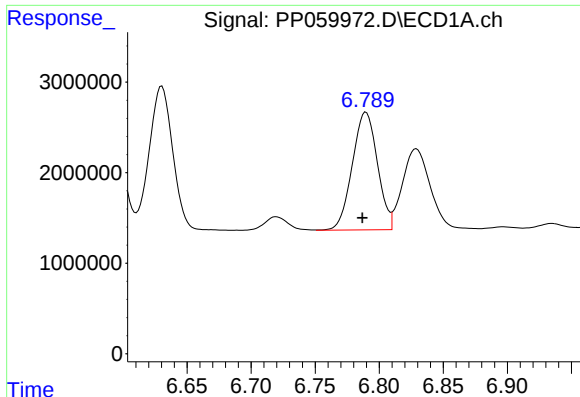
#26 AR-1254-1

R.T.: 6.563 min
Delta R.T.: -0.002 min
Response: 15456259
Conc: 193.60 ng/ml



#26 AR-1254-1

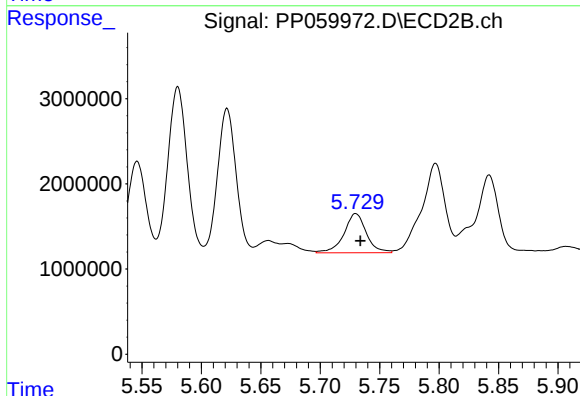
R.T.: 5.580 min
Delta R.T.: -0.005 min
Response: 21838813
Conc: 217.61 ng/ml



#27 AR-1254-2

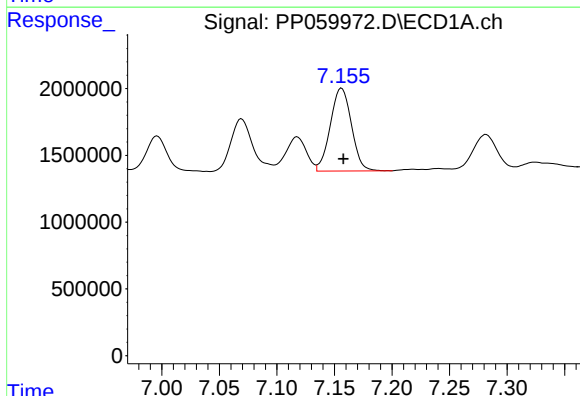
R.T.: 6.790 min
Delta R.T.: 0.003 min
Response: 17744985
Conc: 148.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



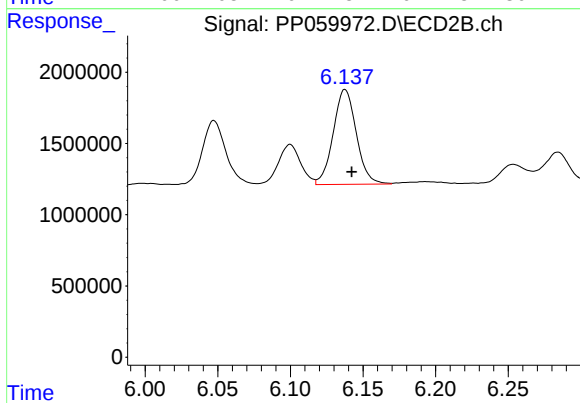
#27 AR-1254-2

R.T.: 5.730 min
Delta R.T.: -0.004 min
Response: 6032509
Conc: 69.44 ng/ml



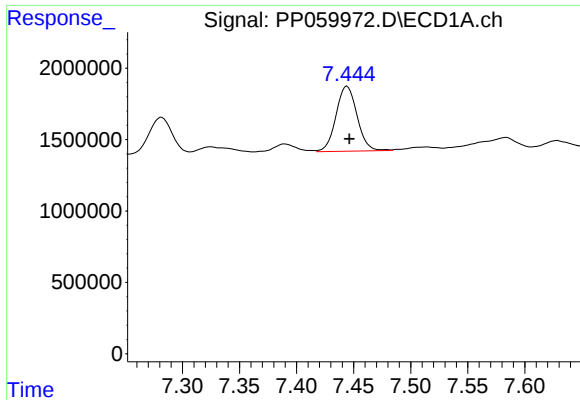
#28 AR-1254-3

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 7943208
Conc: 65.39 ng/ml



#28 AR-1254-3

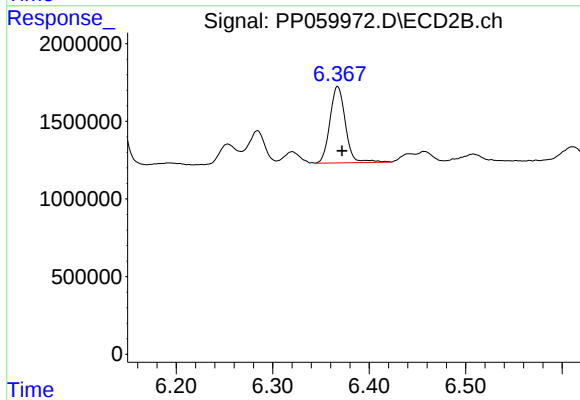
R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 7379006
Conc: 52.56 ng/ml



#29 AR-1254-4

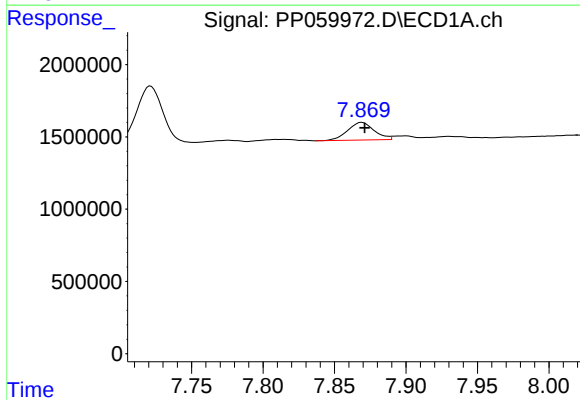
R.T.: 7.444 min
Delta R.T.: -0.002 min
Response: 5863208
Conc: 65.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



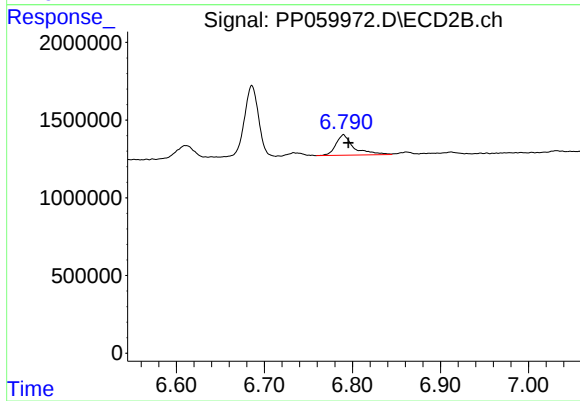
#29 AR-1254-4

R.T.: 6.367 min
Delta R.T.: -0.005 min
Response: 5448757
Conc: 64.73 ng/ml



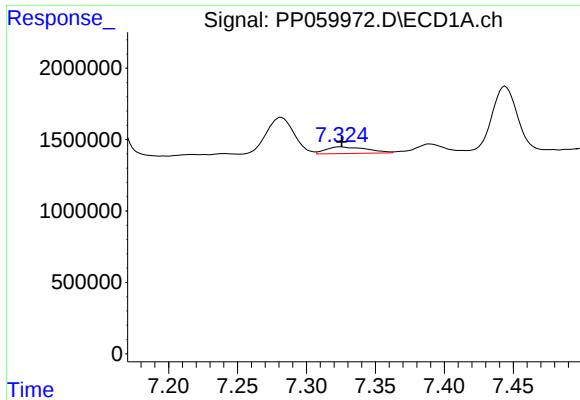
#30 AR-1254-5

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 1572846
Conc: 16.17 ng/ml



#30 AR-1254-5

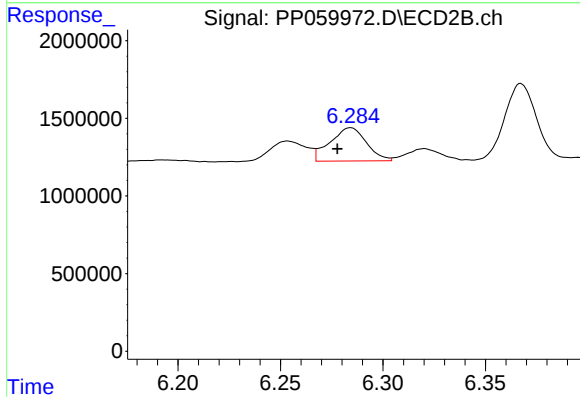
R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 1889221
Conc: 15.93 ng/ml



#31 AR-1260-1

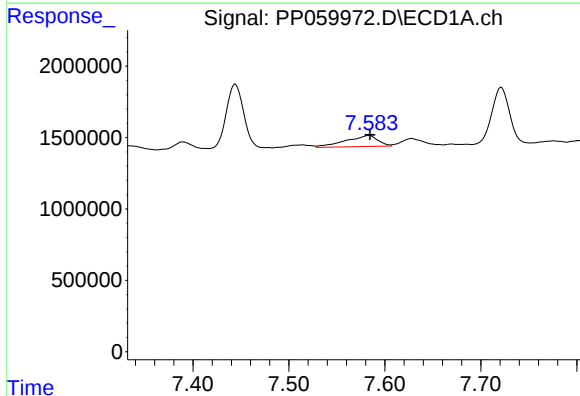
R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 972299
Conc: 10.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



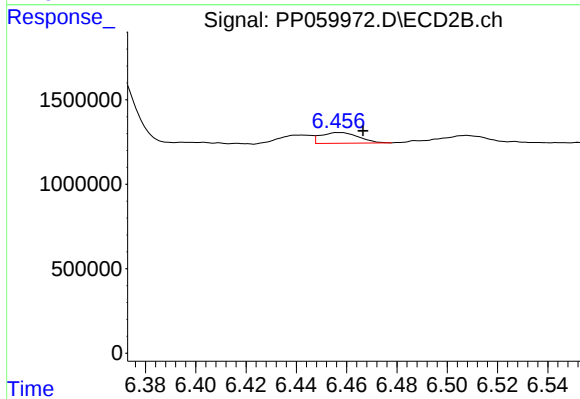
#31 AR-1260-1

R.T.: 6.284 min
Delta R.T.: 0.006 min
Response: 2647405
Conc: 28.43 ng/ml



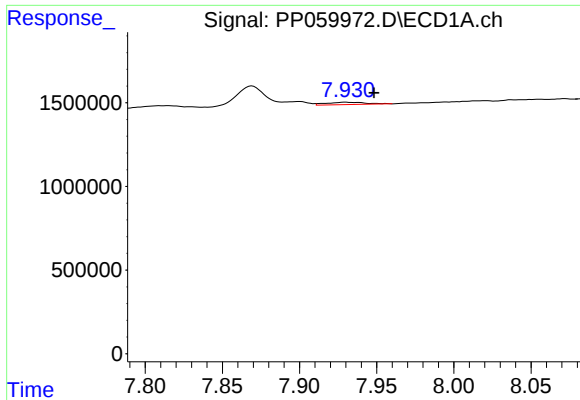
#32 AR-1260-2

R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 1809003
Conc: 17.63 ng/ml



#32 AR-1260-2

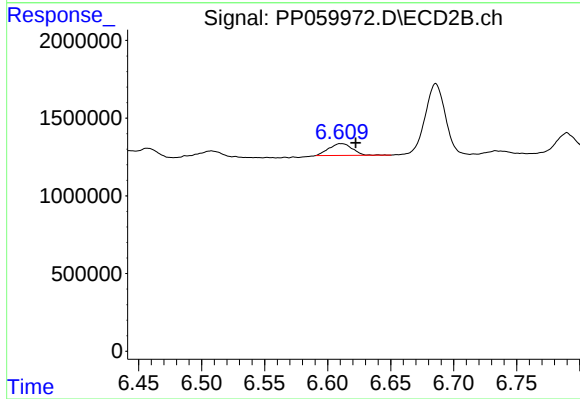
R.T.: 6.457 min
Delta R.T.: -0.009 min
Response: 662627
Conc: 6.04 ng/ml



#33 AR-1260-3

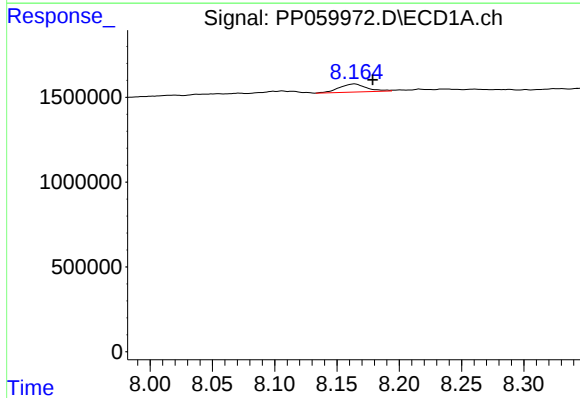
R.T.: 7.930 min
Delta R.T.: -0.018 min
Response: 253109
Conc: 3.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



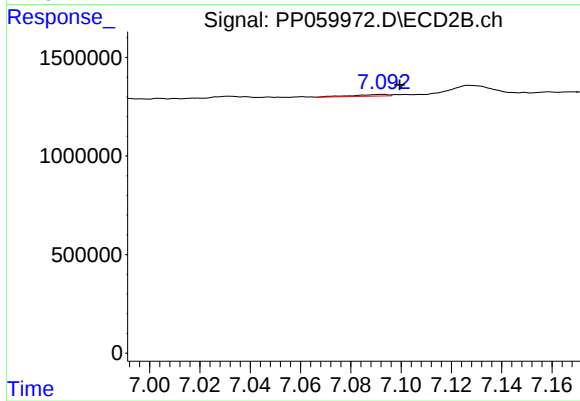
#33 AR-1260-3

R.T.: 6.611 min
Delta R.T.: -0.011 min
Response: 991128
Conc: 9.64 ng/ml



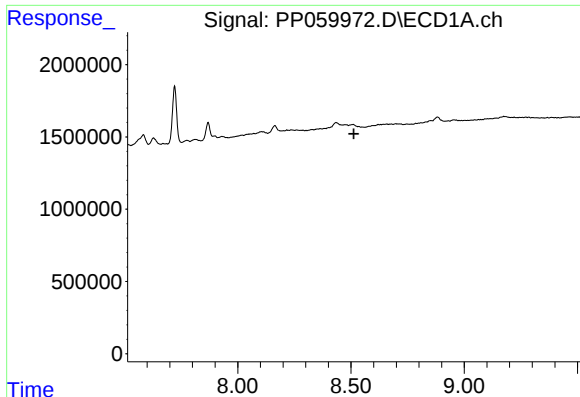
#34 AR-1260-4

R.T.: 8.164 min
Delta R.T.: -0.014 min
Response: 737261
Conc: 8.23 ng/ml



#34 AR-1260-4

R.T.: 7.092 min
Delta R.T.: -0.007 min
Response: 77612
Conc: 0.93 ng/ml



#35 AR-1260-5

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

Instrument :
ECD_P
ClientSampleId :

#35 AR-1260-5

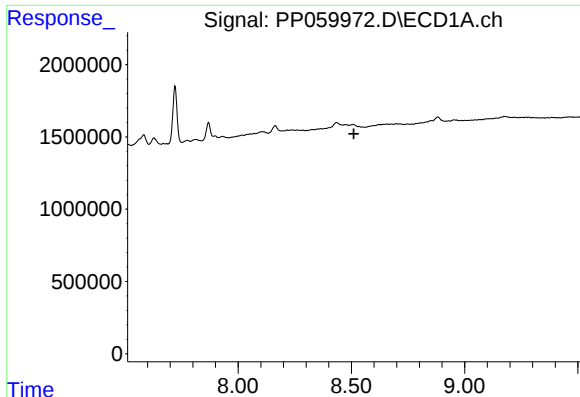
R.T.: 7.331 min
Delta R.T.: -0.010 min
Response: 133532
Conc: 0.69 ng/ml

#36 AR-1262-1

R.T.: 7.930 min
Delta R.T.: -0.017 min
Response: 253109
Conc: 2.19 ng/ml

#36 AR-1262-1

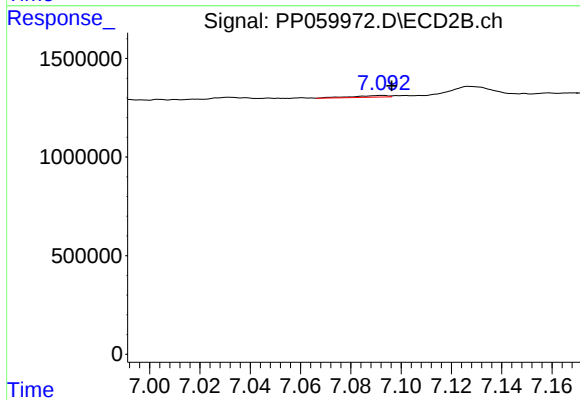
R.T.: 6.912 min
Delta R.T.: 0.024 min
Response: 169289
Conc: 3.35 ng/ml



#37 AR-1262-2

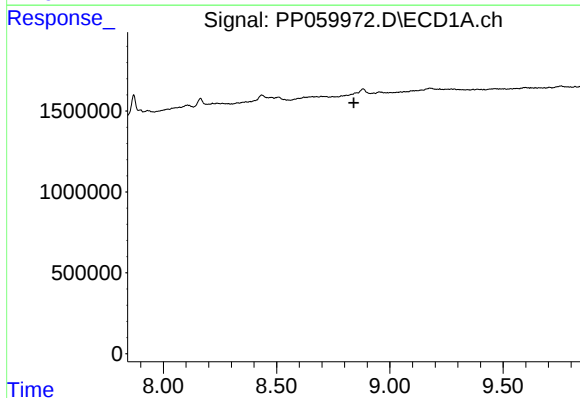
R.T.: 0.000 min
Exp R.T.: 8.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



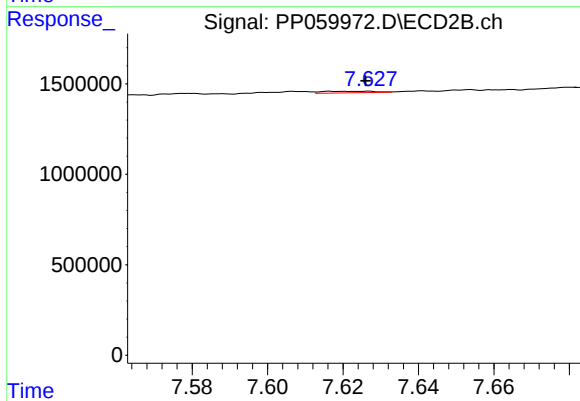
#37 AR-1262-2

R.T.: 7.092 min
Delta R.T.: -0.004 min
Response: 77612
Conc: 0.69 ng/ml



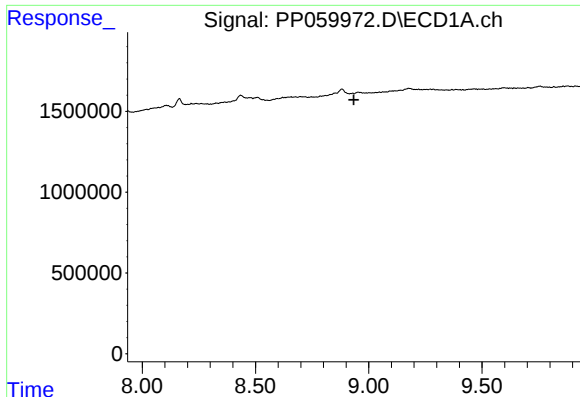
#38 AR-1262-3

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



#38 AR-1262-3

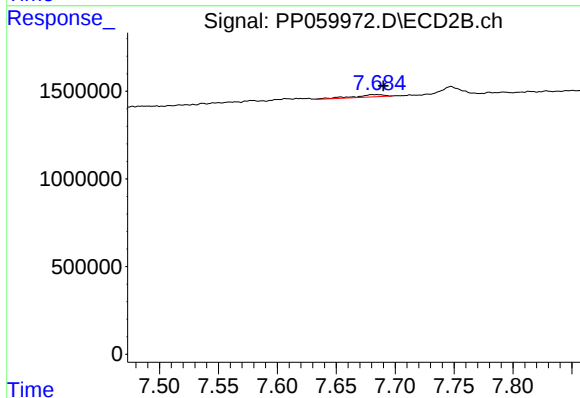
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 81789
Conc: 0.93 ng/ml



#39 AR-1262-4

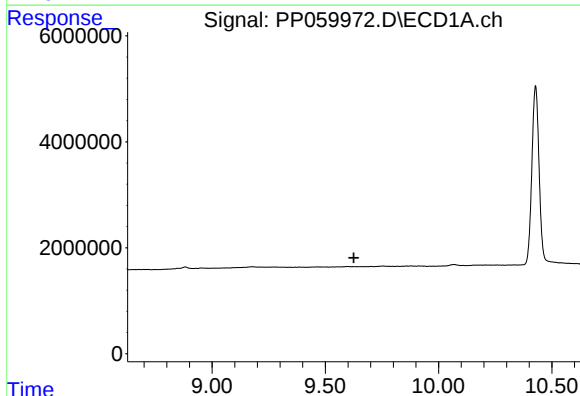
R.T.: 0.000 min
Exp R.T.: 8.934 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



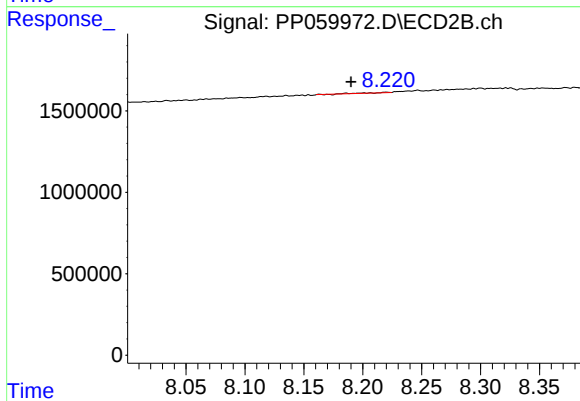
#39 AR-1262-4

R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 229887
Conc: 1.41 ng/ml



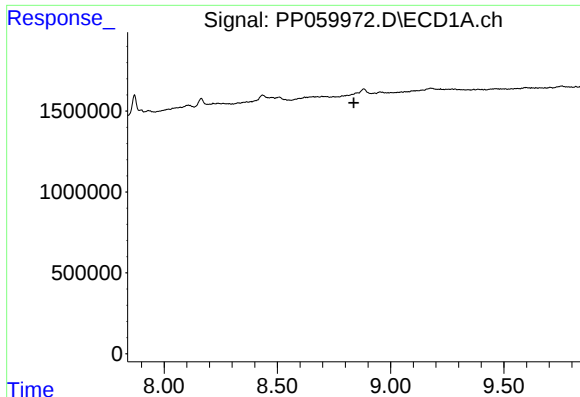
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.626 min
Response: 0
Conc: N.D.



#40 AR-1262-5

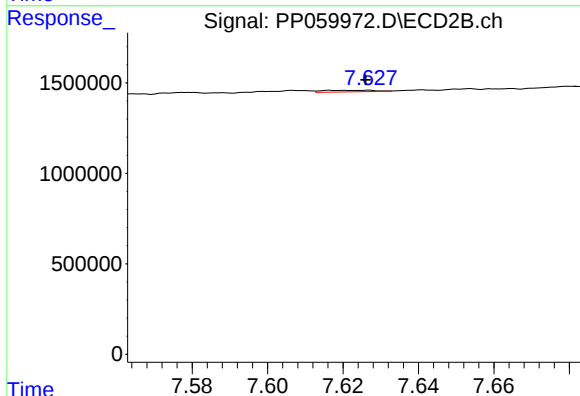
R.T.: 8.220 min
Delta R.T.: 0.030 min
Response: 25781
Conc: 0.35 ng/ml



#41 AR-1268-1

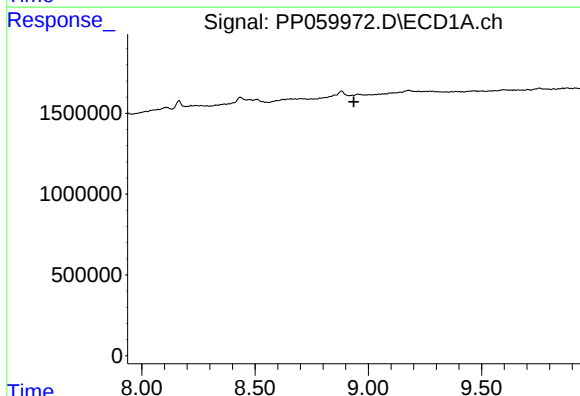
R.T.: 0.000 min
Exp R.T.: 8.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



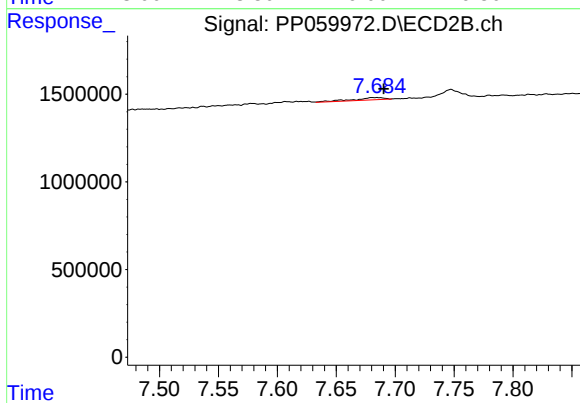
#41 AR-1268-1

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 81789
Conc: 0.31 ng/ml



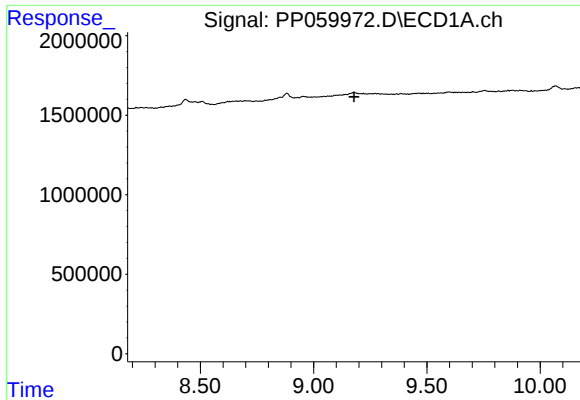
#42 AR-1268-2

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



#42 AR-1268-2

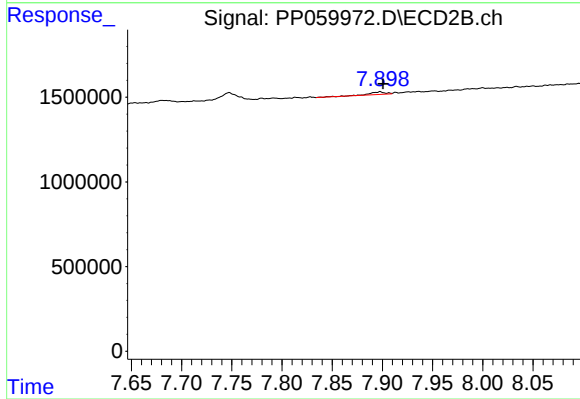
R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 229887
Conc: 0.99 ng/ml



#43 AR-1268-3

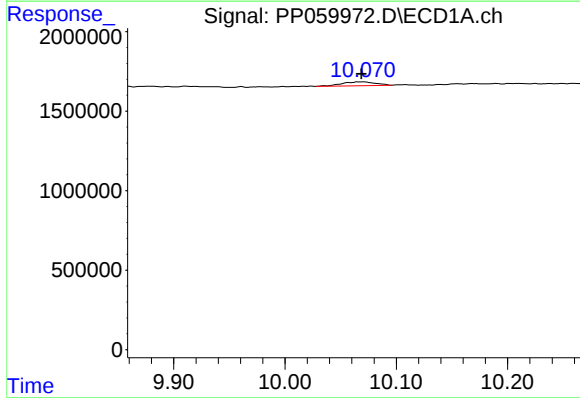
R.T.: 0.000 min
Exp R.T.: 9.178 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



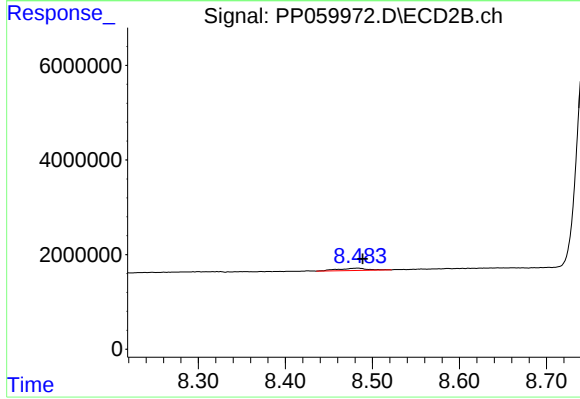
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 166068
Conc: 0.81 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.002 min
Response: 512540
Conc: 0.85 ng/ml



#45 AR-1268-5

R.T.: 8.483 min
Delta R.T.: -0.006 min
Response: 1141665
Conc: 1.81 ng/ml