

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012623\
 Data File : PP054947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2023 18:54
 Operator : YP\AJ
 Sample : 01307-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 20:53:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.331	3.578	34985562	32824818	20.121	21.866
2)	SA Decachlor...	10.089	8.594	39784370	31492688	22.975	23.318
Target Compounds							
3)	L1 AR-1016-1	5.503	4.662	483627	57568	7.196	1.163 #
4)	L1 AR-1016-2	5.527	4.676	732672	87397	7.646	1.263 #
5)	L1 AR-1016-3	5.593	4.859	444920	172118	7.438	4.627 #
6)	L1 AR-1016-4	5.686	4.899	-22953	2203391	N.D.	70.122 #
7)	L1 AR-1016-5	5.982	5.112	2113329	1585075	41.704	38.770
8)	L2 AR-1221-1	4.538	3.783	2074503	144242	88.220	7.275 #
9)	L2 AR-1221-2	4.637	3.859f	565805	1948171	31.846	131.435 #
10)	L2 AR-1221-3	4.703	0.000	62648	0	1.164	N.D. #
11)	L3 AR-1232-1	4.703	0.000	62648	0	1.412	N.D. #
12)	L3 AR-1232-2	0.000	4.676	0	87397	N.D.	2.736 #
13)	L3 AR-1232-3	5.527	4.859	732672	172118	16.683	10.324 #
14)	L3 AR-1232-4	5.686	4.940	-22953	807059	N.D.	50.047 #
15)	L3 AR-1232-5	5.777	5.112	3011207	1585075	172.000	89.748 #
16)	L4 AR-1242-1	5.503	4.662	483627	57568	8.638	1.405 #
17)	L4 AR-1242-2	5.527	4.676	732672	87397	9.178	1.531 #
18)	L4 AR-1242-3	5.593	4.859	444920	172118	8.959	5.576 #
19)	L4 AR-1242-4	5.686	4.940	-22953	807059	N.D.	24.842 #
20)	L4 AR-1242-5	6.428	5.466	3556964	8646965	79.997	231.378 #
21)	L5 AR-1248-1	5.503	4.662	483627	57568	11.597	1.857 #
22)	L5 AR-1248-2	5.777	4.899	3011207	2203391	47.365	48.185
23)	L5 AR-1248-3	5.982	4.940	2113329	807059	30.558	16.929 #
24)	L5 AR-1248-4	6.388	5.112	3253277	1585075	42.900	28.701 #
25)	L5 AR-1248-5	6.428	5.506	3556964	2056518	48.202	41.824
26)	L6 AR-1254-1	6.361	5.466	8230580	8646965	104.327	107.072
27)	L6 AR-1254-2	6.581	5.615	11831609	7535055	97.763	105.293
28)	L6 AR-1254-3	6.949	6.019	12847342	12046812	104.885	108.133
29)	L6 AR-1254-4	7.235	6.248	6772278	5302883	76.860	86.215
30)	L6 AR-1254-5	7.657	6.668	5771264	4882949	57.050	51.506
31)	L7 AR-1260-1	7.115	6.151	3277431	4715402	34.381	60.809 #
32)	L7 AR-1260-2	7.372	6.338	3928432	2629829	34.905	29.253
33)	L7 AR-1260-3	7.714f	6.492	733859	2255737	9.114	26.566 #
34)	L7 AR-1260-4	7.946f	6.965	3241343	295537	33.389	4.127 #
35)	L7 AR-1260-5	8.277	7.208	1063749	522346	5.981	3.398 #
36)	L8 AR-1262-1	7.714f	6.760	733859	111357	6.220	2.592 #
37)	L8 AR-1262-2	8.277	6.965	1063749	295537	5.281	3.191 #
38)	L8 AR-1262-3	8.605f	7.491	478257	177968	3.439	2.443 #
39)	L8 AR-1262-4	8.685	7.556	400057	593330	5.204	4.537
41)	L9 AR-1268-1	8.605f	7.491	478257	177968	1.957	0.823 #
42)	L9 AR-1268-2	8.685	7.556	400057	593330	1.761	3.041 #

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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
43) L9	AR-1268-3	8.902	7.767	22808	75512	0.114	0.440 #
45) L9	AR-1268-5	9.751	8.348	274574	213155	0.432	0.405

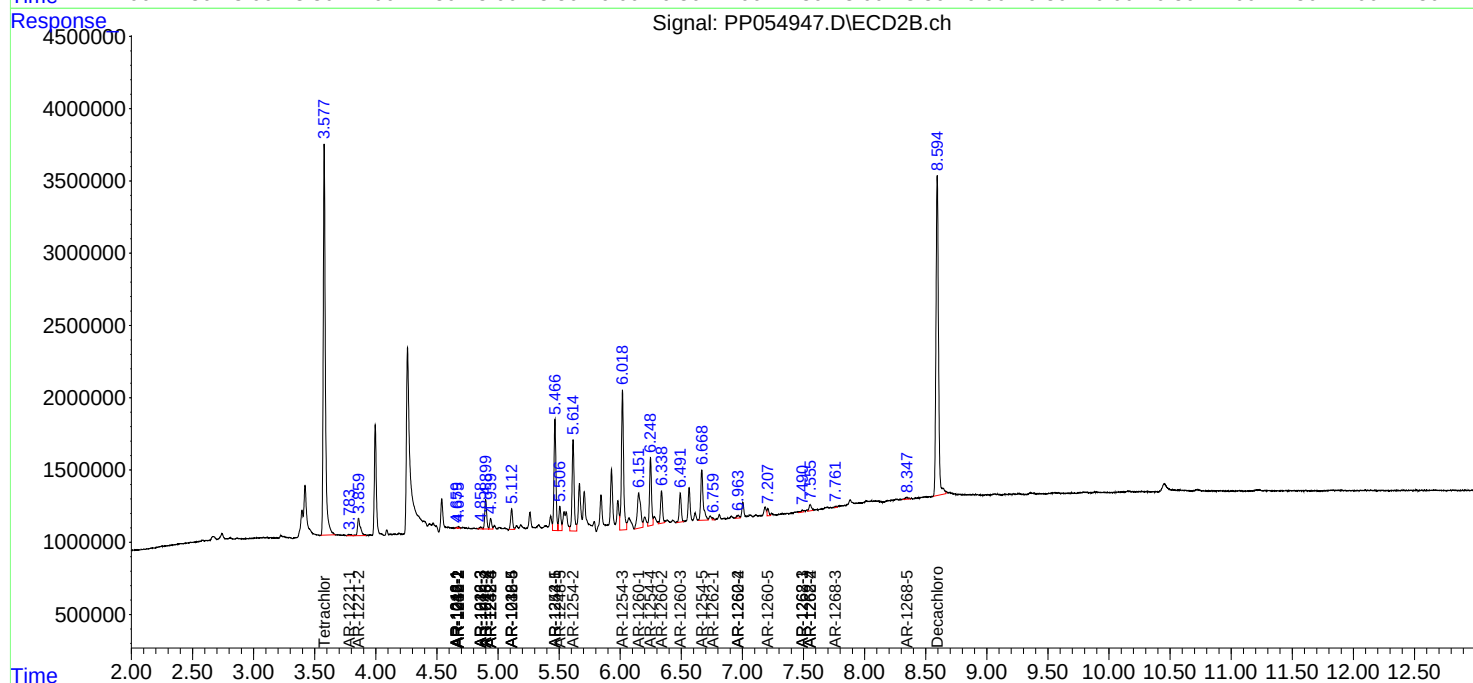
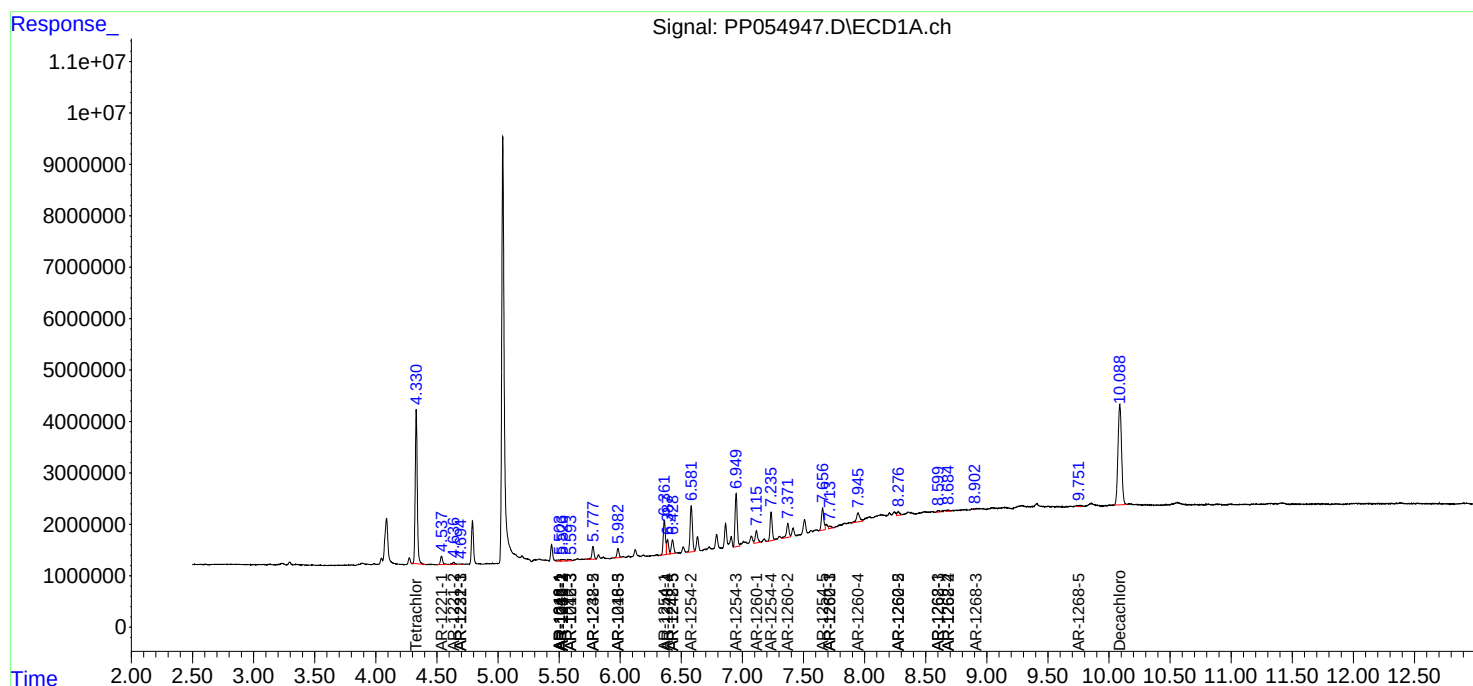
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

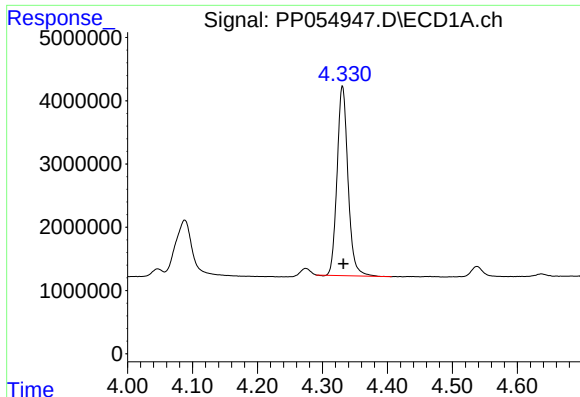
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

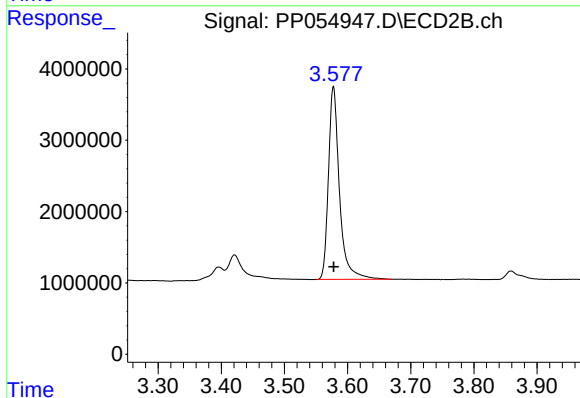




#1 Tetrachloro-m-xylene

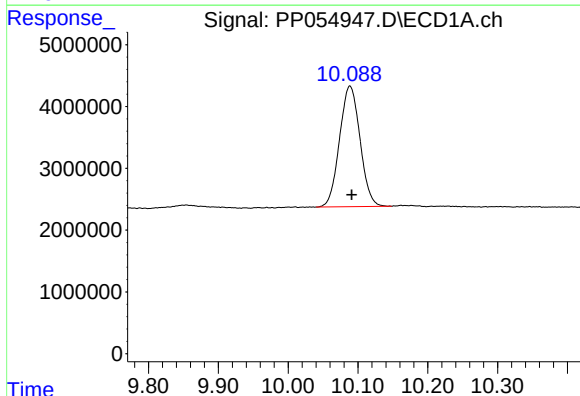
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 34985562
Conc: 20.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



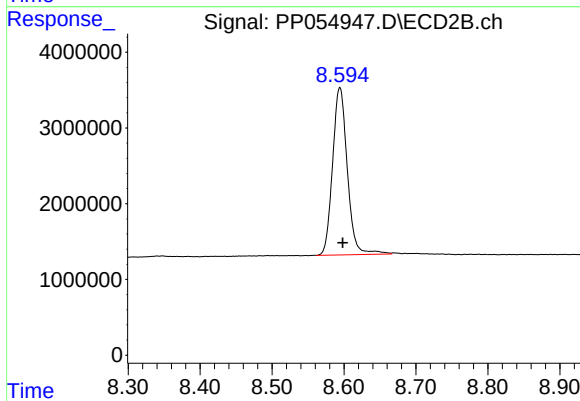
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 32824818
Conc: 21.87 ng/ml



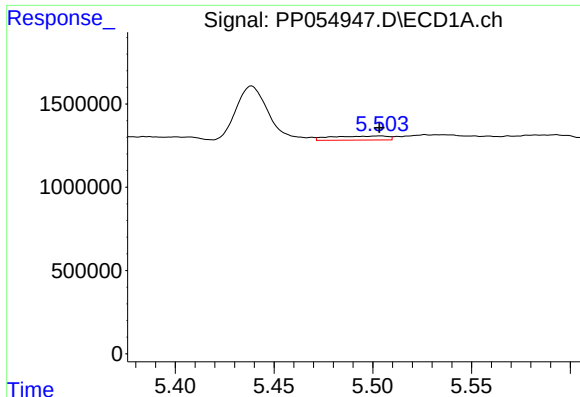
#2 Decachlorobiphenyl

R.T.: 10.089 min
Delta R.T.: -0.002 min
Response: 39784370
Conc: 22.97 ng/ml



#2 Decachlorobiphenyl

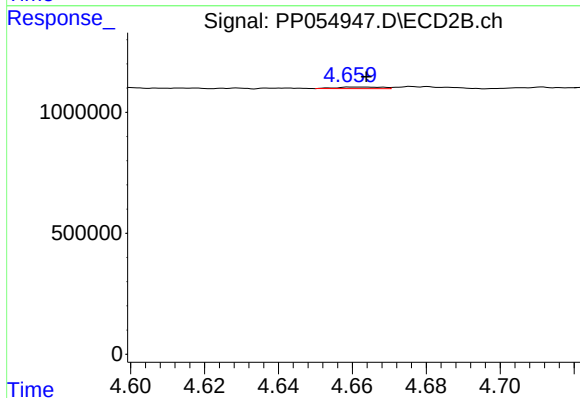
R.T.: 8.594 min
Delta R.T.: -0.004 min
Response: 31492688
Conc: 23.32 ng/ml



#3 AR-1016-1

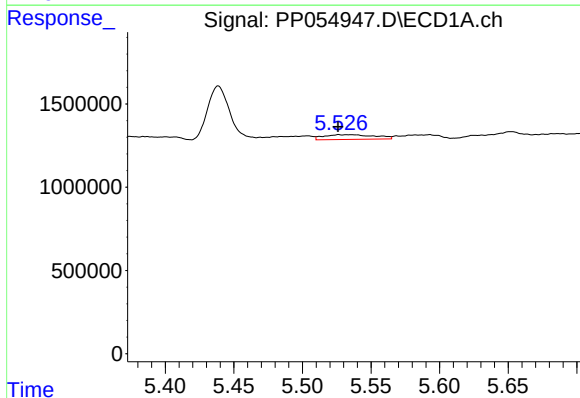
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 483627
Conc: 7.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



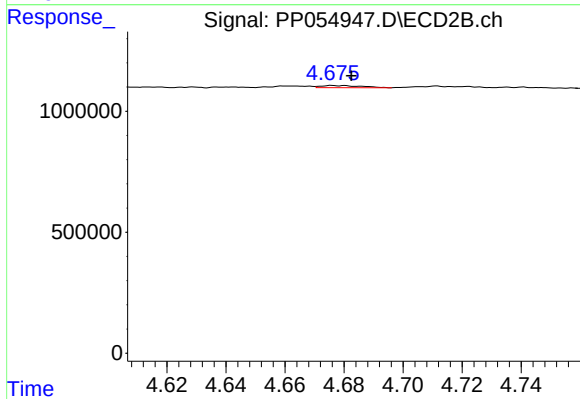
#3 AR-1016-1

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 57568
Conc: 1.16 ng/ml



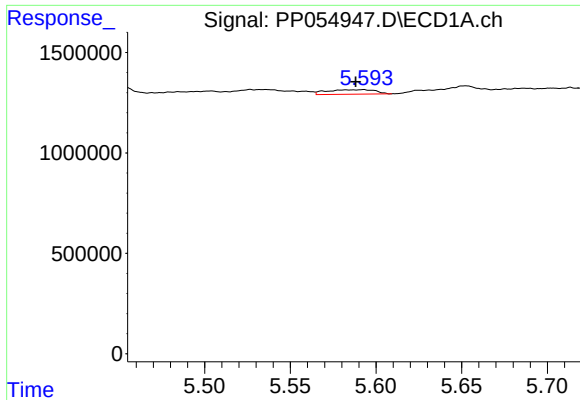
#4 AR-1016-2

R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 732672
Conc: 7.65 ng/ml



#4 AR-1016-2

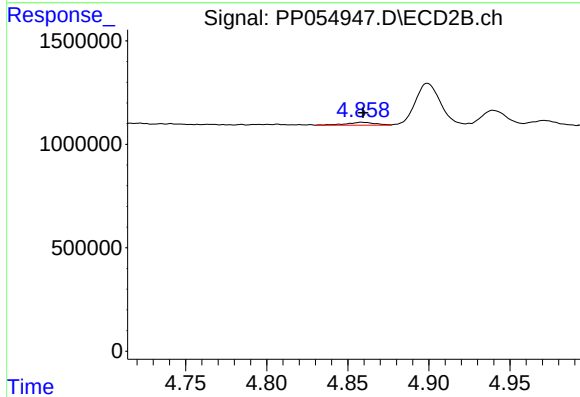
R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 87397
Conc: 1.26 ng/ml



#5 AR-1016-3

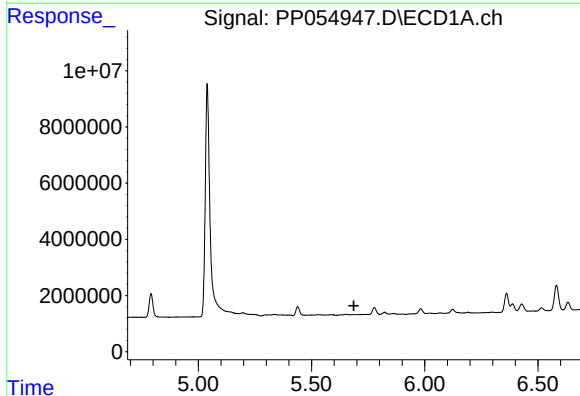
R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 444920
Conc: 7.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



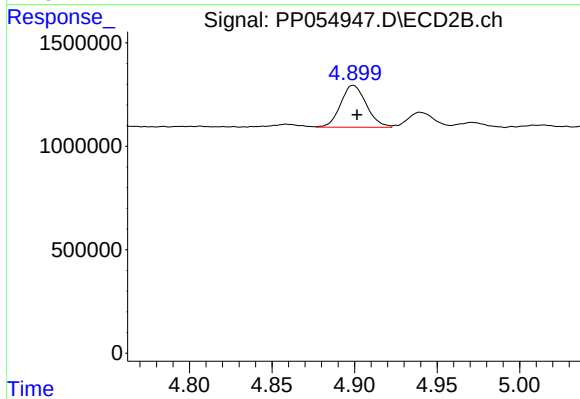
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 172118
Conc: 4.63 ng/ml



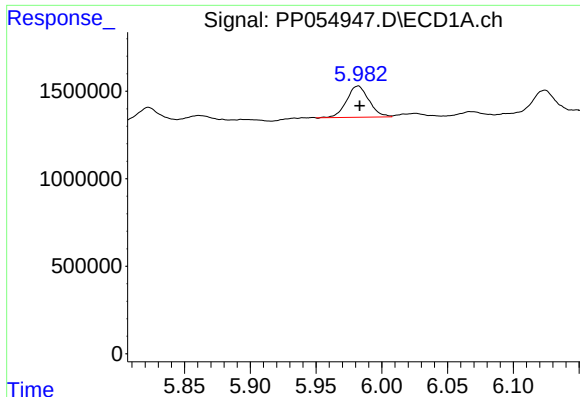
#6 AR-1016-4

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: -22953
Conc: N.D.



#6 AR-1016-4

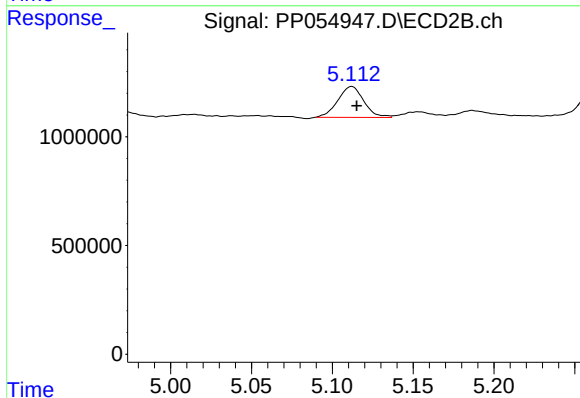
R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 2203391
Conc: 70.12 ng/ml



#7 AR-1016-5

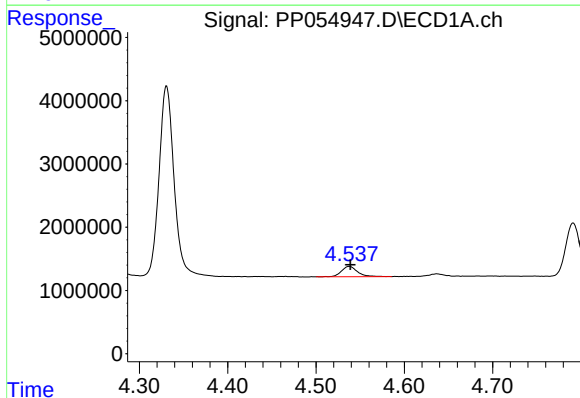
R.T.: 5.982 min
Delta R.T.: -0.001 min
Response: 2113329
Conc: 41.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



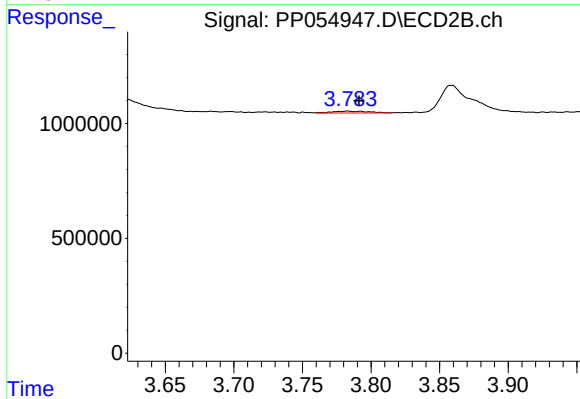
#7 AR-1016-5

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1585075
Conc: 38.77 ng/ml



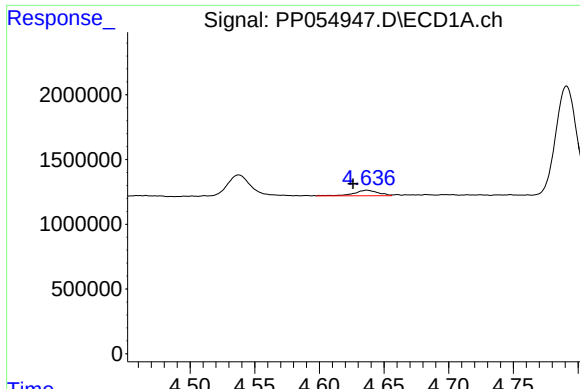
#8 AR-1221-1

R.T.: 4.538 min
Delta R.T.: -0.001 min
Response: 2074503
Conc: 88.22 ng/ml



#8 AR-1221-1

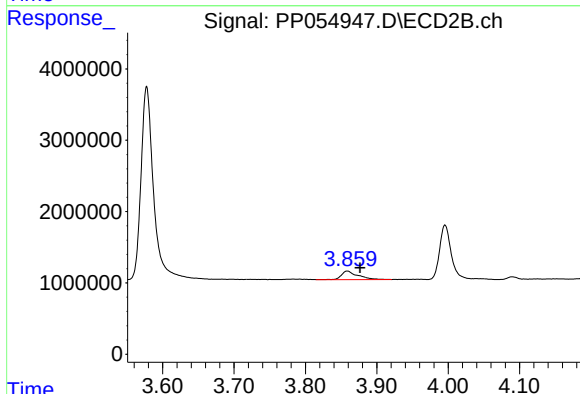
R.T.: 3.783 min
Delta R.T.: -0.008 min
Response: 144242
Conc: 7.28 ng/ml



#9 AR-1221-2

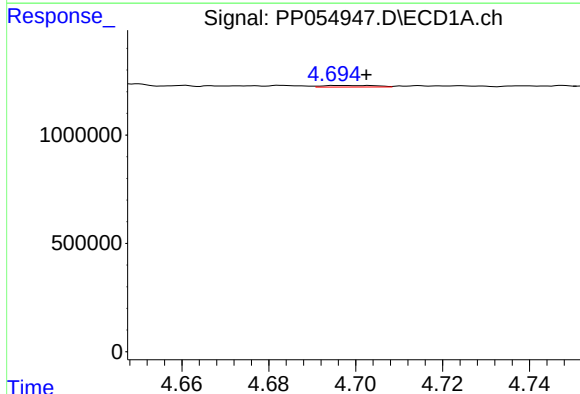
R.T.: 4.637 min
Delta R.T.: 0.011 min
Response: 565805
Conc: 31.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



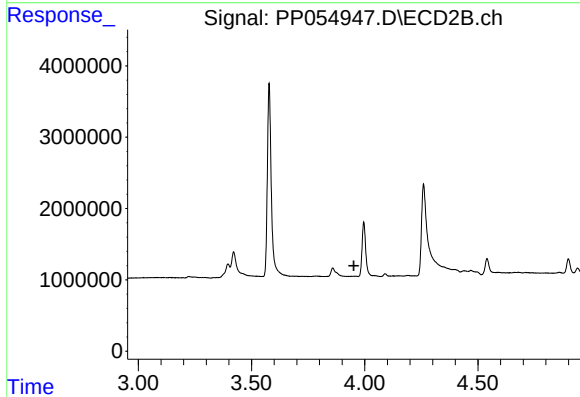
#9 AR-1221-2

R.T.: 3.859 min
Delta R.T.: -0.018 min
Response: 1948171
Conc: 131.43 ng/ml



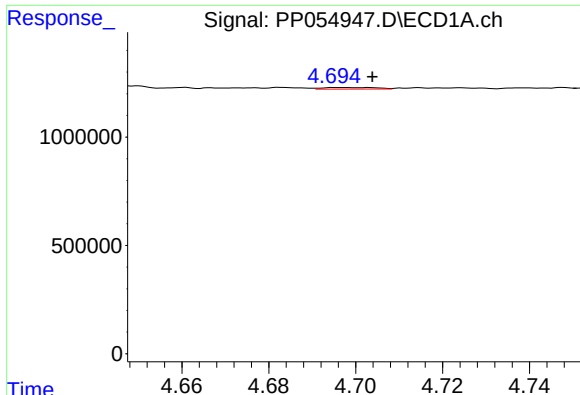
#10 AR-1221-3

R.T.: 4.703 min
Delta R.T.: 0.000 min
Response: 62648
Conc: 1.16 ng/ml



#10 AR-1221-3

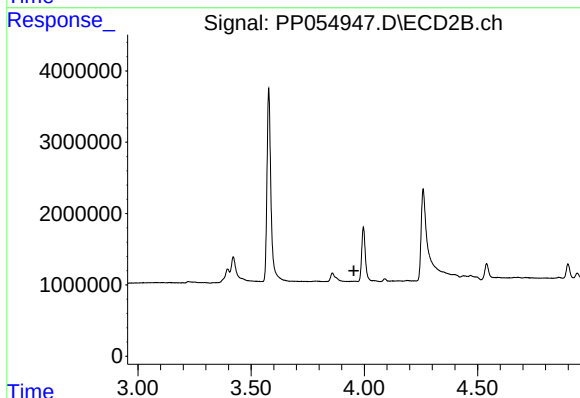
R.T.: 0.000 min
Exp R.T. : 3.952 min
Response: 0
Conc: N.D.



#11 AR-1232-1

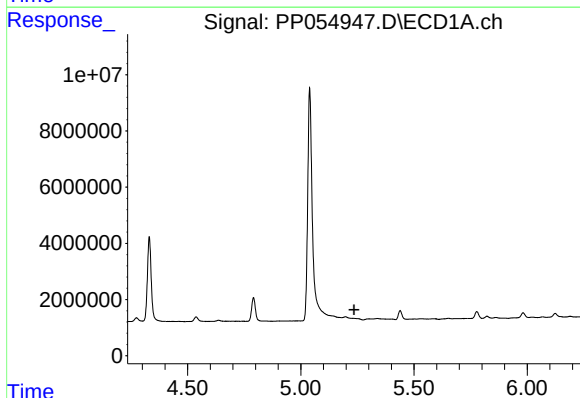
R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 62648
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



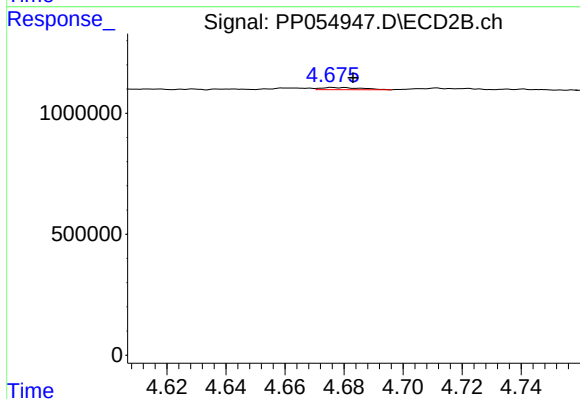
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.953 min
Response: 0
Conc: N.D.



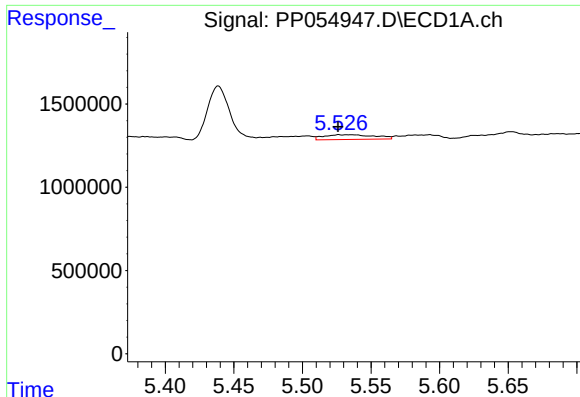
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.235 min
Response: 0
Conc: N.D.



#12 AR-1232-2

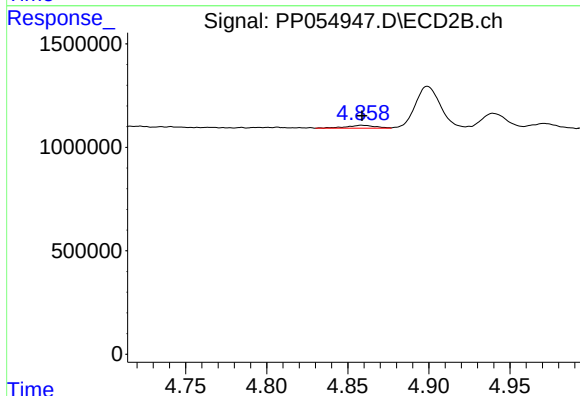
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 87397
Conc: 2.74 ng/ml



#13 AR-1232-3

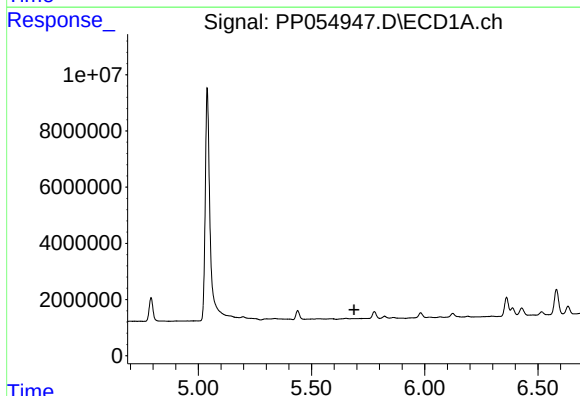
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 732672
Conc: 16.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



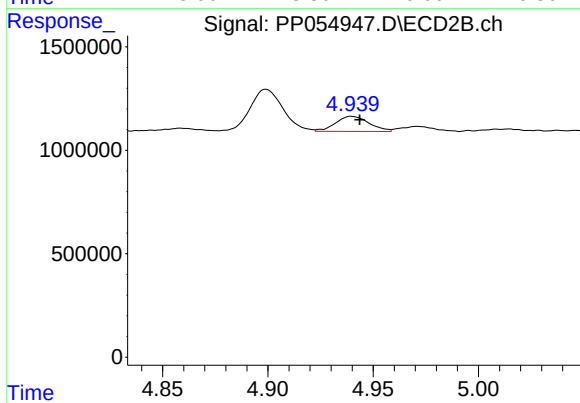
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 172118
Conc: 10.32 ng/ml



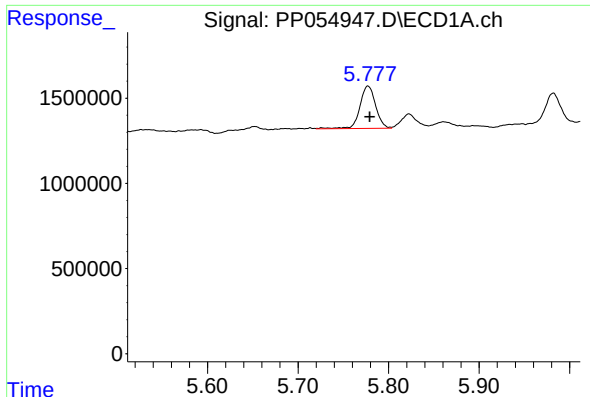
#14 AR-1232-4

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: -22953
Conc: N.D.



#14 AR-1232-4

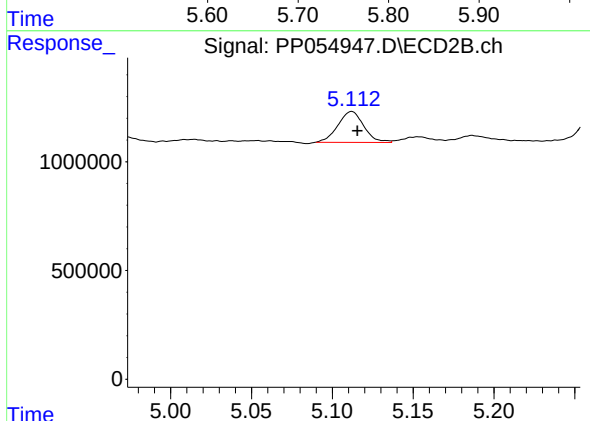
R.T.: 4.940 min
Delta R.T.: -0.004 min
Response: 807059
Conc: 50.05 ng/ml



#15 AR-1232-5

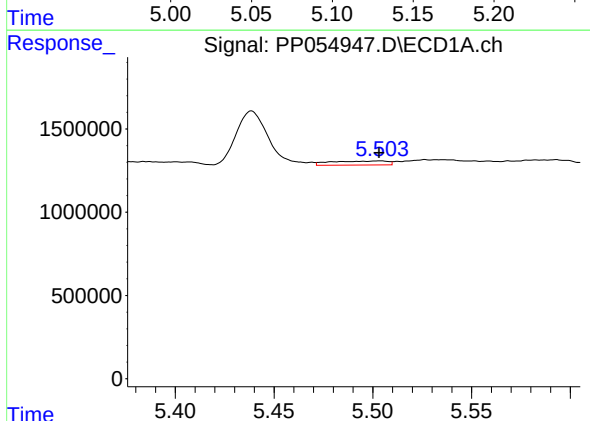
R.T.: 5.777 min
Delta R.T.: -0.002 min
Response: 3011207
Conc: 172.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



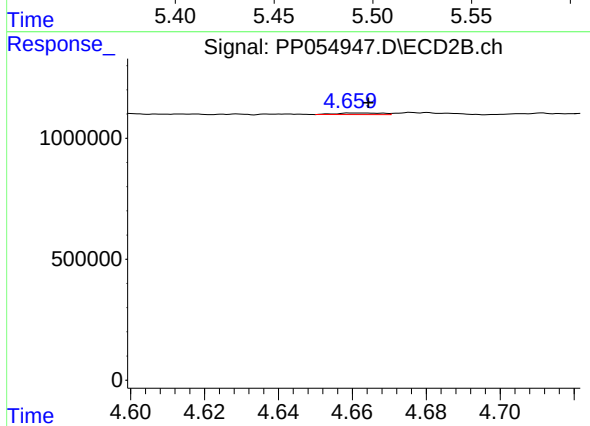
#15 AR-1232-5

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 1585075
Conc: 89.75 ng/ml



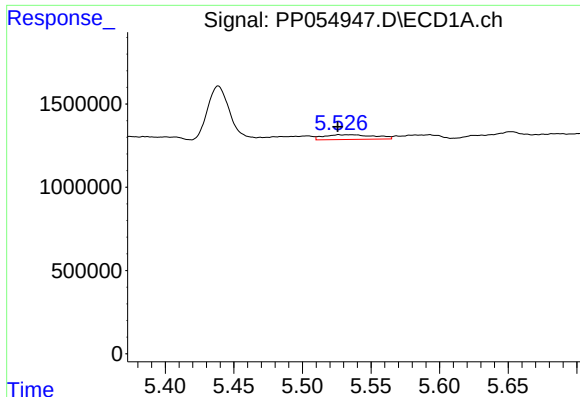
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 483627
Conc: 8.64 ng/ml



#16 AR-1242-1

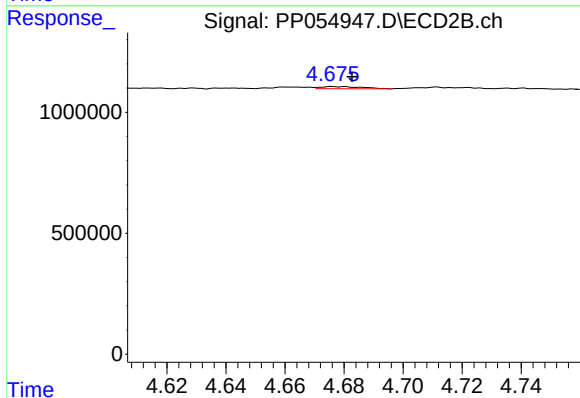
R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 57568
Conc: 1.41 ng/ml



#17 AR-1242-2

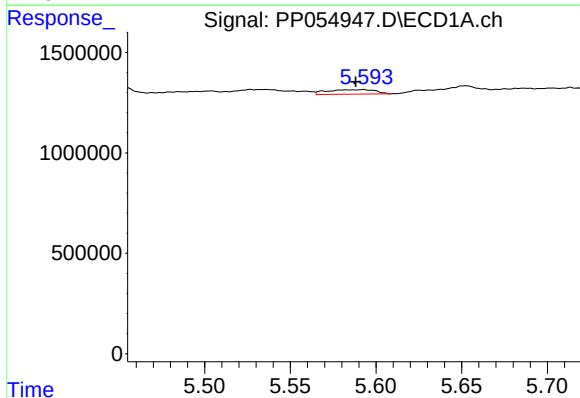
R.T.: 5.527 min
Delta R.T.: 0.001 min
Response: 732672
Conc: 9.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



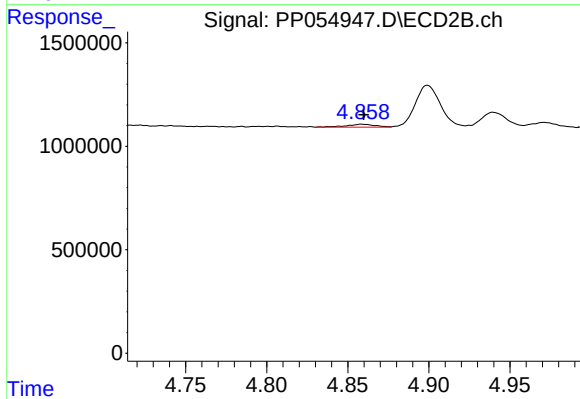
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 87397
Conc: 1.53 ng/ml



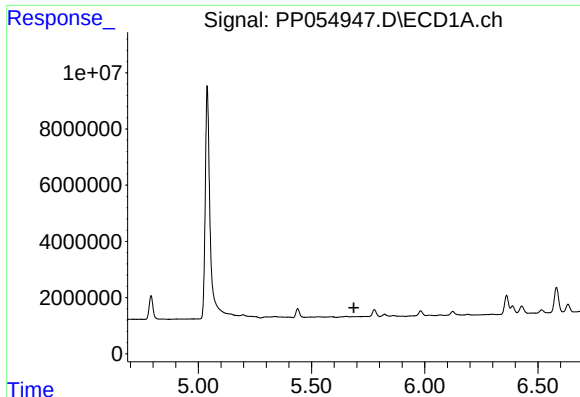
#18 AR-1242-3

R.T.: 5.593 min
Delta R.T.: 0.004 min
Response: 444920
Conc: 8.96 ng/ml



#18 AR-1242-3

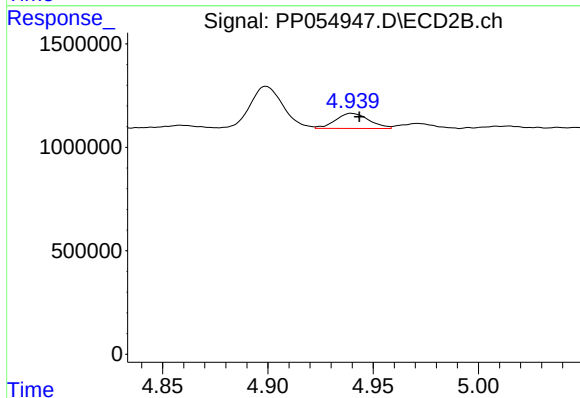
R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 172118
Conc: 5.58 ng/ml



#19 AR-1242-4

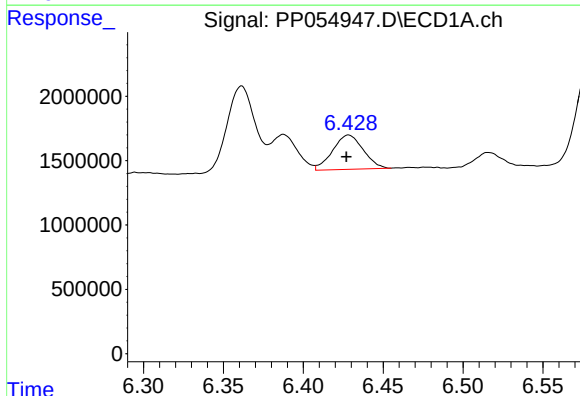
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: -22953
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



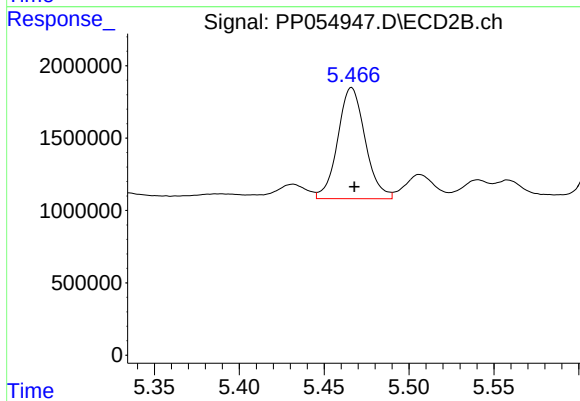
#19 AR-1242-4

R.T.: 4.940 min
Delta R.T.: -0.004 min
Response: 807059
Conc: 24.84 ng/ml



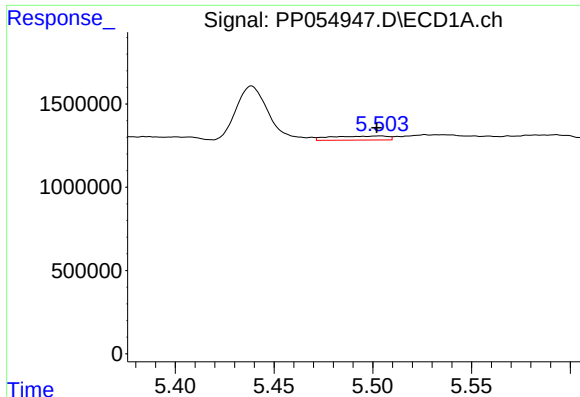
#20 AR-1242-5

R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 3556964
Conc: 80.00 ng/ml



#20 AR-1242-5

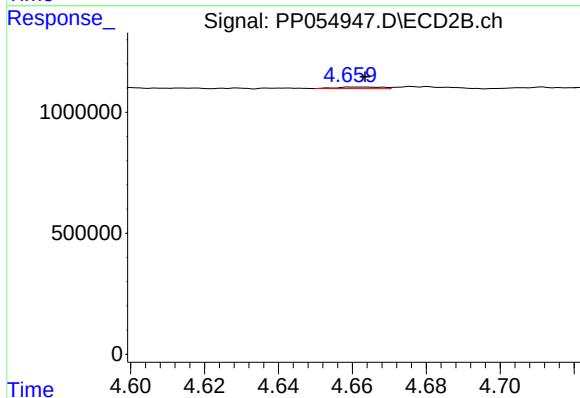
R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 8646965
Conc: 231.38 ng/ml



#21 AR-1248-1

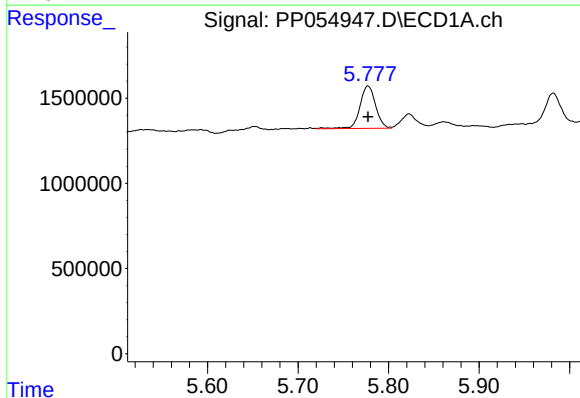
R.T.: 5.503 min
Delta R.T.: 0.002 min
Response: 483627
Conc: 11.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



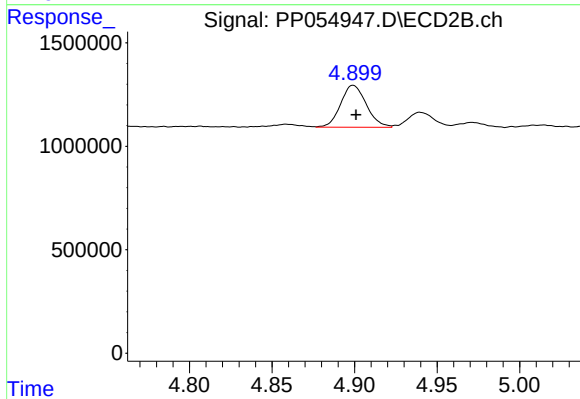
#21 AR-1248-1

R.T.: 4.662 min
Delta R.T.: -0.002 min
Response: 57568
Conc: 1.86 ng/ml



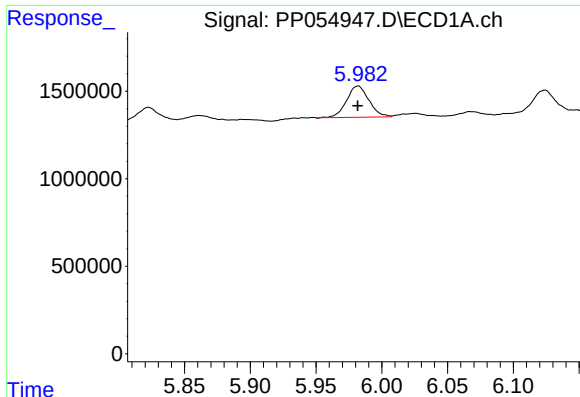
#22 AR-1248-2

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 3011207
Conc: 47.37 ng/ml



#22 AR-1248-2

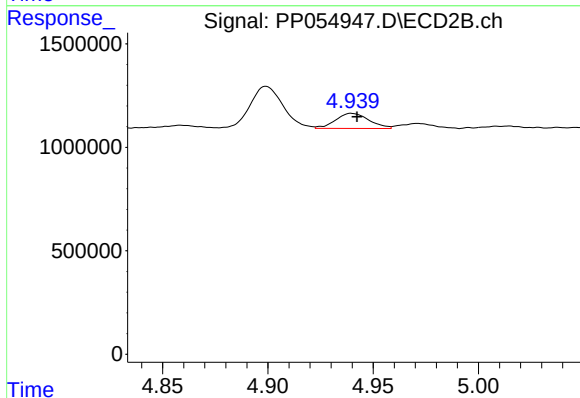
R.T.: 4.899 min
Delta R.T.: -0.002 min
Response: 2203391
Conc: 48.19 ng/ml



#23 AR-1248-3

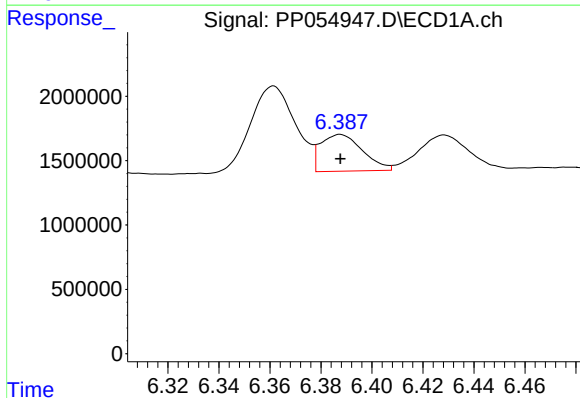
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 2113329
Conc: 30.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



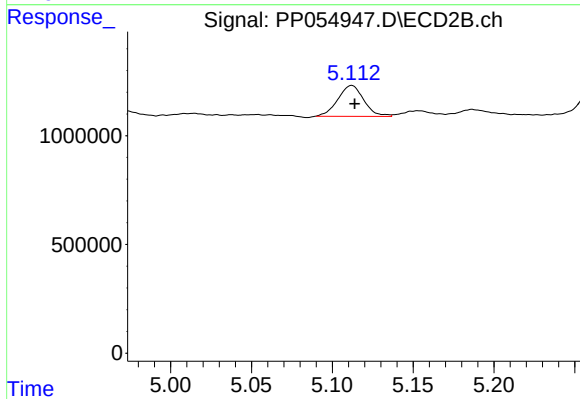
#23 AR-1248-3

R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 807059
Conc: 16.93 ng/ml



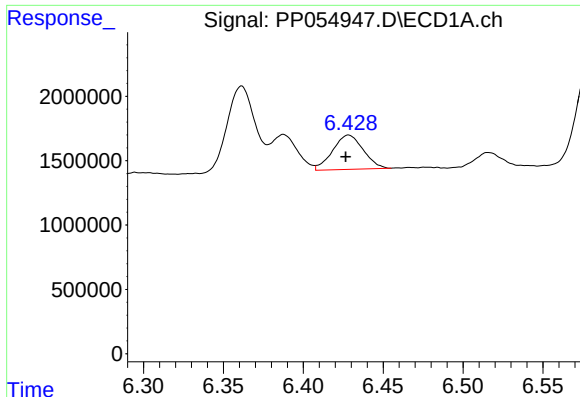
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3253277
Conc: 42.90 ng/ml



#24 AR-1248-4

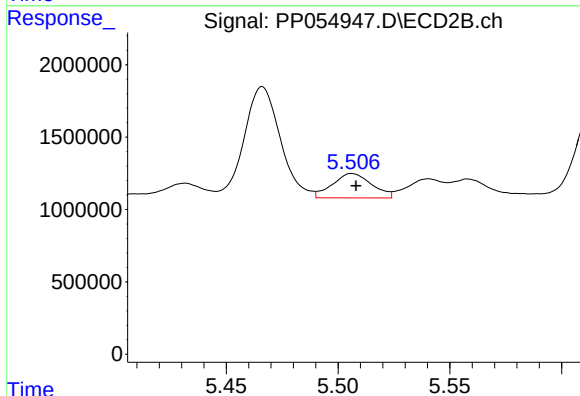
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 1585075
Conc: 28.70 ng/ml



#25 AR-1248-5

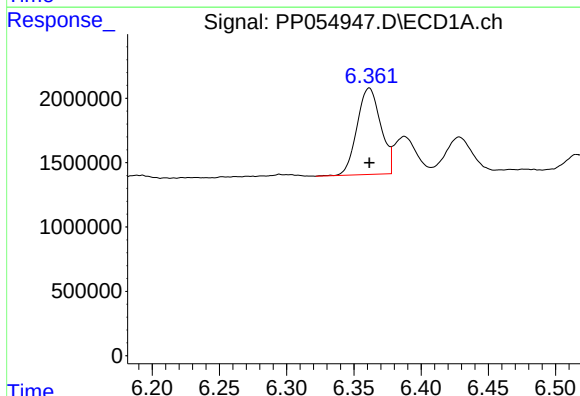
R.T.: 6.428 min
Delta R.T.: 0.002 min
Response: 3556964
Conc: 48.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



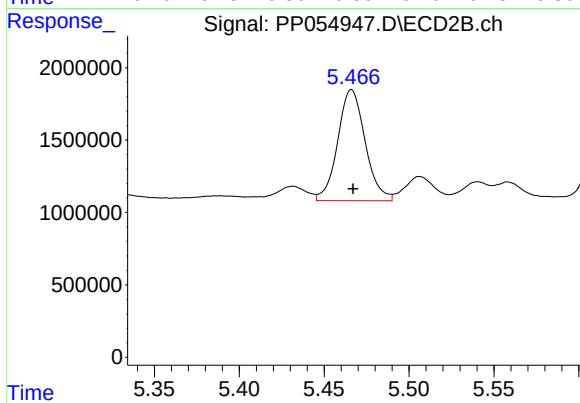
#25 AR-1248-5

R.T.: 5.506 min
Delta R.T.: -0.002 min
Response: 2056518
Conc: 41.82 ng/ml



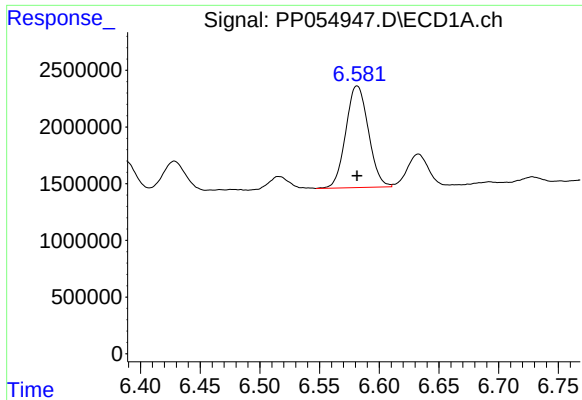
#26 AR-1254-1

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 8230580
Conc: 104.33 ng/ml



#26 AR-1254-1

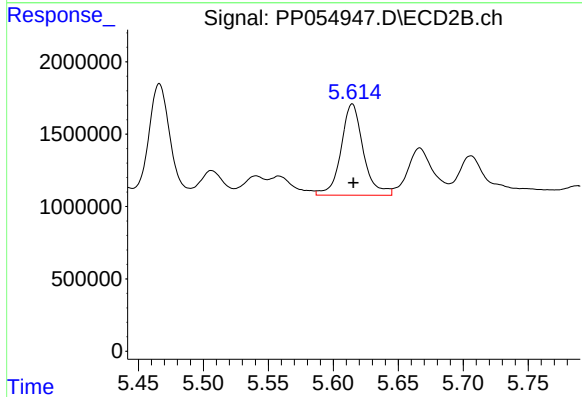
R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 8646965
Conc: 107.07 ng/ml



#27 AR-1254-2

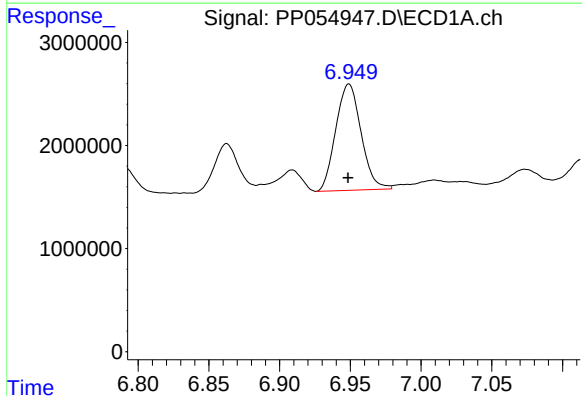
R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 11831609
Conc: 97.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



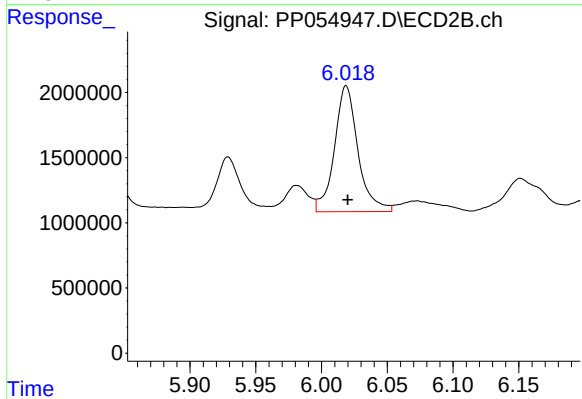
#27 AR-1254-2

R.T.: 5.615 min
Delta R.T.: 0.000 min
Response: 7535055
Conc: 105.29 ng/ml



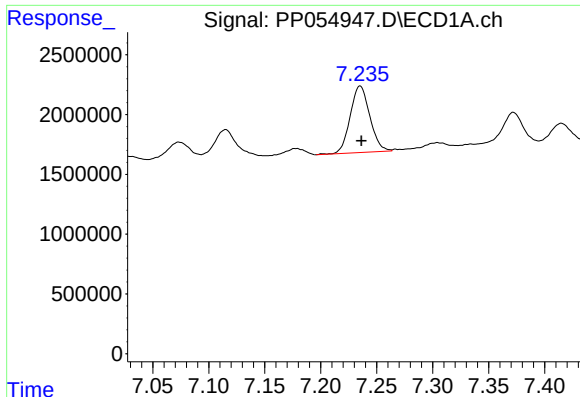
#28 AR-1254-3

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 12847342
Conc: 104.88 ng/ml



#28 AR-1254-3

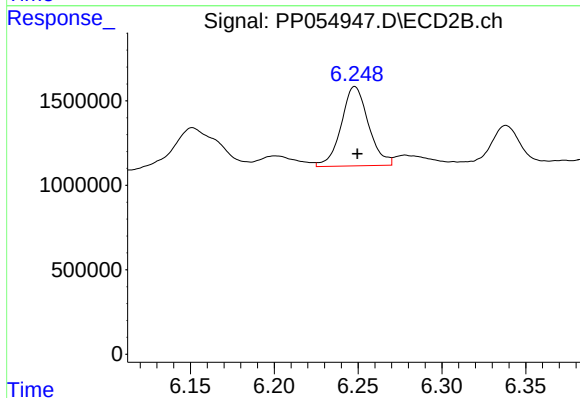
R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 12046812
Conc: 108.13 ng/ml



#29 AR-1254-4

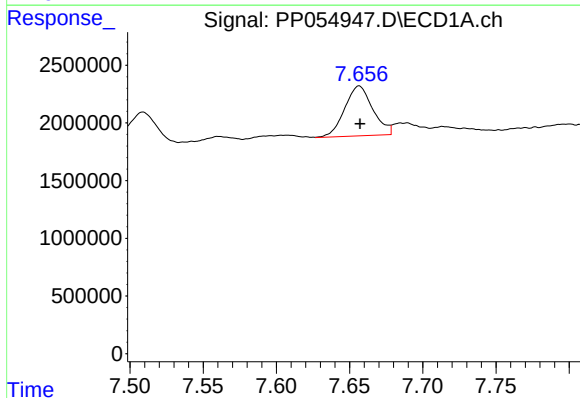
R.T.: 7.235 min
Delta R.T.: -0.001 min
Response: 6772278
Conc: 76.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



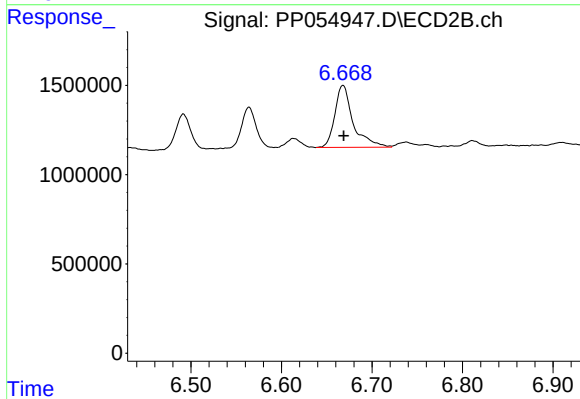
#29 AR-1254-4

R.T.: 6.248 min
Delta R.T.: -0.001 min
Response: 5302883
Conc: 86.22 ng/ml



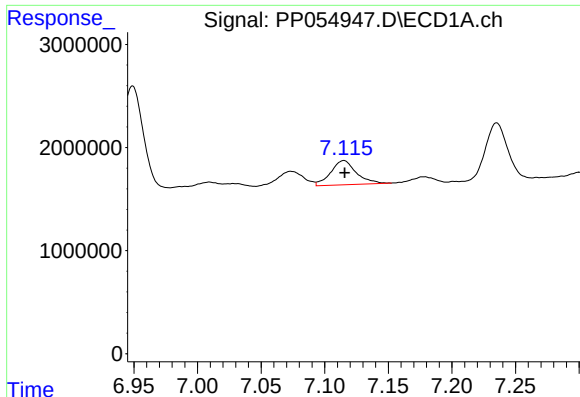
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 5771264
Conc: 57.05 ng/ml



#30 AR-1254-5

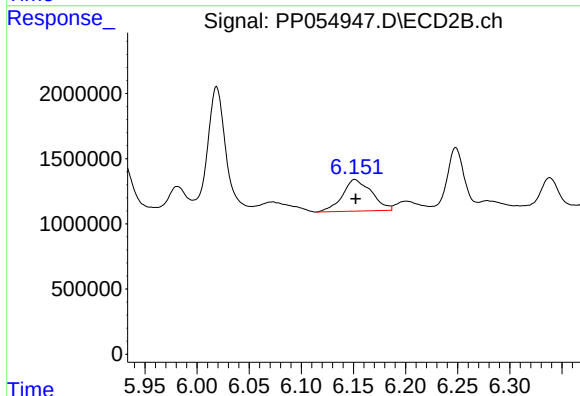
R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 4882949
Conc: 51.51 ng/ml



#31 AR-1260-1

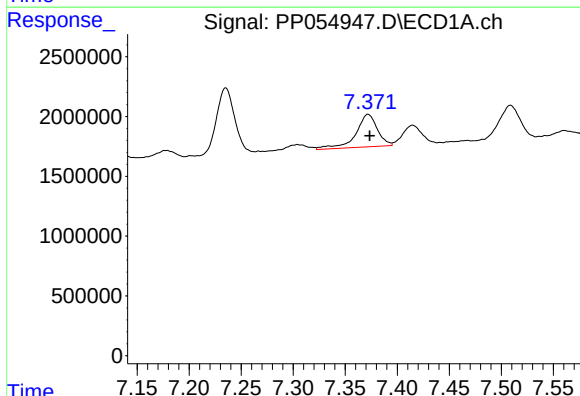
R.T.: 7.115 min
Delta R.T.: 0.000 min
Response: 3277431
Conc: 34.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



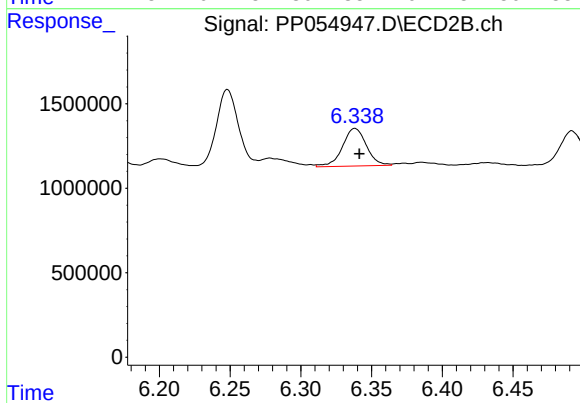
#31 AR-1260-1

R.T.: 6.151 min
Delta R.T.: 0.000 min
Response: 4715402
Conc: 60.81 ng/ml



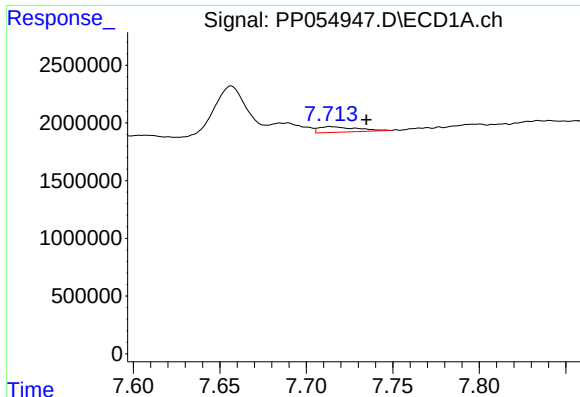
#32 AR-1260-2

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 3928432
Conc: 34.91 ng/ml



#32 AR-1260-2

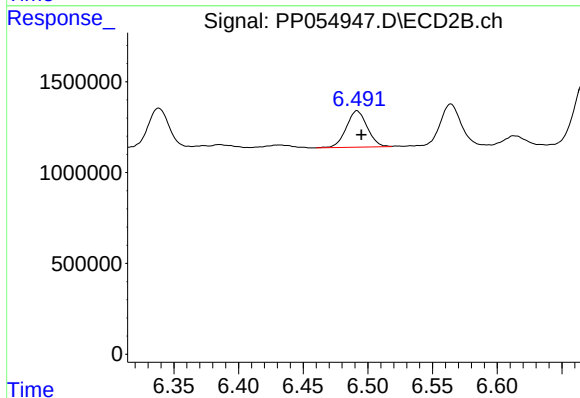
R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 2629829
Conc: 29.25 ng/ml



#33 AR-1260-3

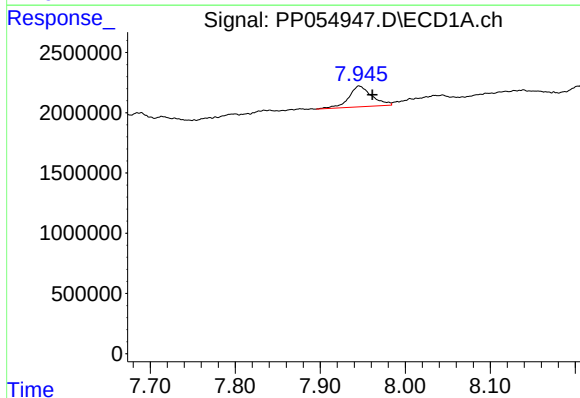
R.T.: 7.714 min
Delta R.T.: -0.021 min
Response: 733859
Conc: 9.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



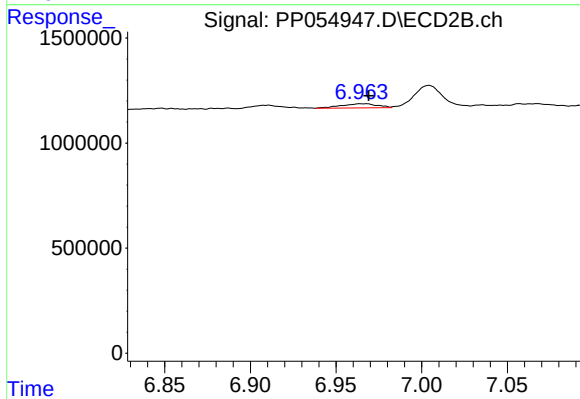
#33 AR-1260-3

R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 2255737
Conc: 26.57 ng/ml



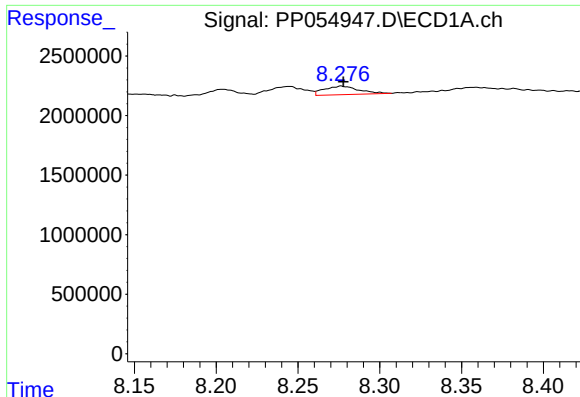
#34 AR-1260-4

R.T.: 7.946 min
Delta R.T.: -0.016 min
Response: 3241343
Conc: 33.39 ng/ml



#34 AR-1260-4

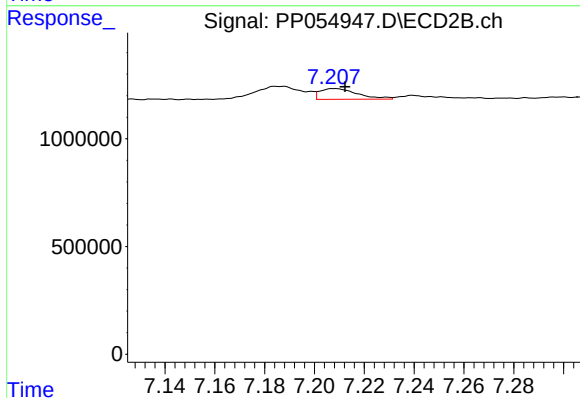
R.T.: 6.965 min
Delta R.T.: -0.004 min
Response: 295537
Conc: 4.13 ng/ml



#35 AR-1260-5

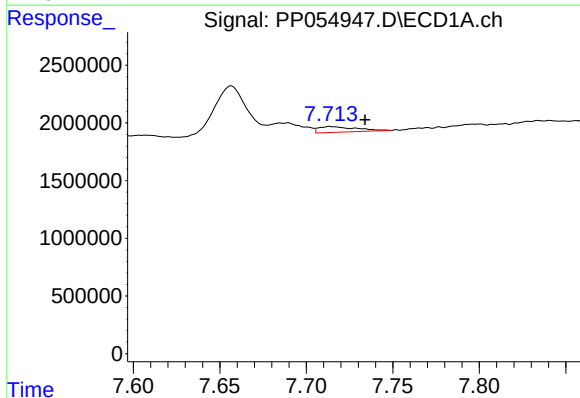
R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 1063749
Conc: 5.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



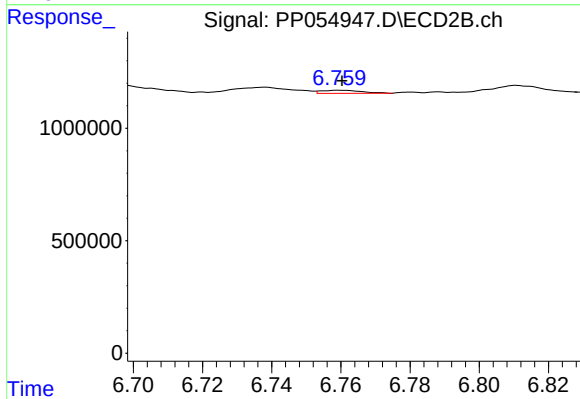
#35 AR-1260-5

R.T.: 7.208 min
Delta R.T.: -0.004 min
Response: 522346
Conc: 3.40 ng/ml



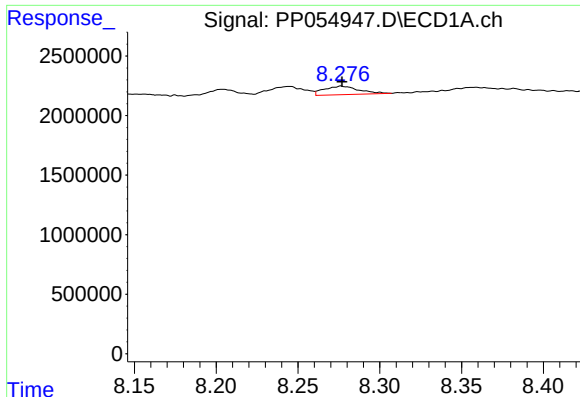
#36 AR-1262-1

R.T.: 7.714 min
Delta R.T.: -0.020 min
Response: 733859
Conc: 6.22 ng/ml



#36 AR-1262-1

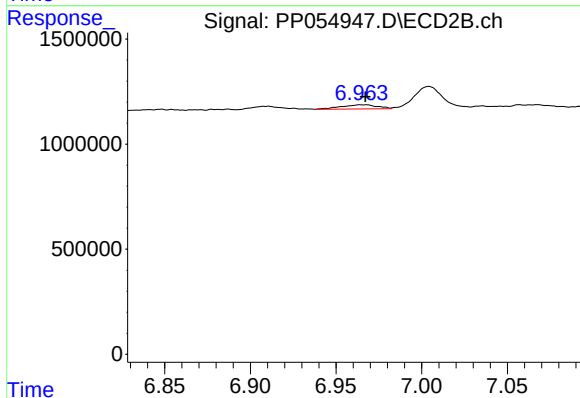
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 111357
Conc: 2.59 ng/ml



#37 AR-1262-2

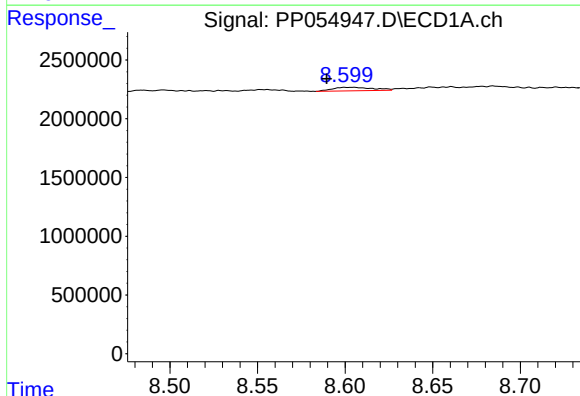
R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 1063749
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



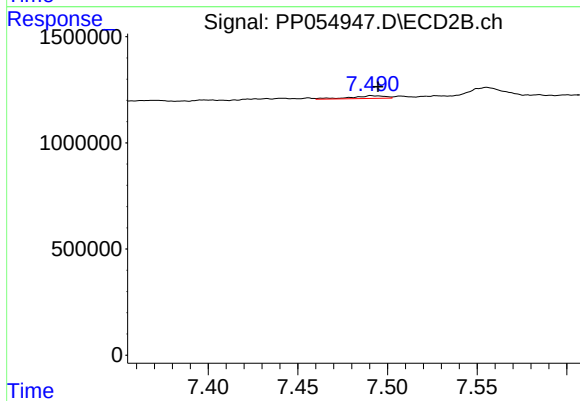
#37 AR-1262-2

R.T.: 6.965 min
Delta R.T.: -0.002 min
Response: 295537
Conc: 3.19 ng/ml



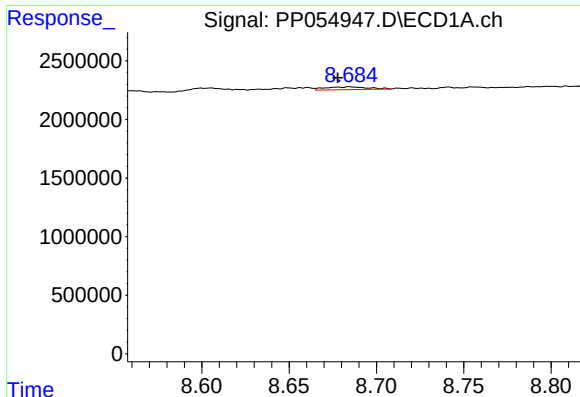
#38 AR-1262-3

R.T.: 8.605 min
Delta R.T.: 0.015 min
Response: 478257
Conc: 3.44 ng/ml



#38 AR-1262-3

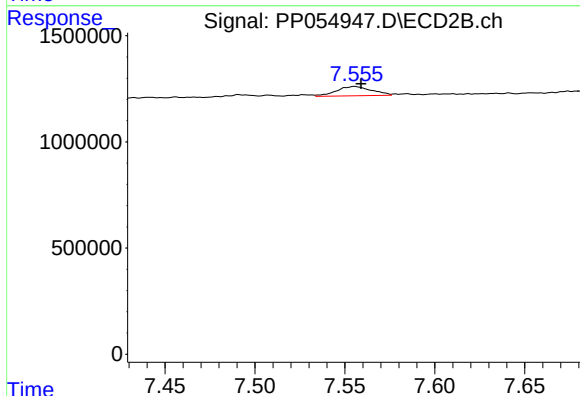
R.T.: 7.491 min
Delta R.T.: -0.004 min
Response: 177968
Conc: 2.44 ng/ml



#39 AR-1262-4

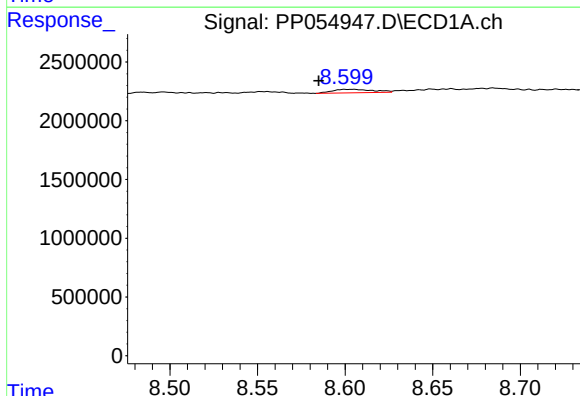
R.T.: 8.685 min
Delta R.T.: 0.007 min
Response: 400057
Conc: 5.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



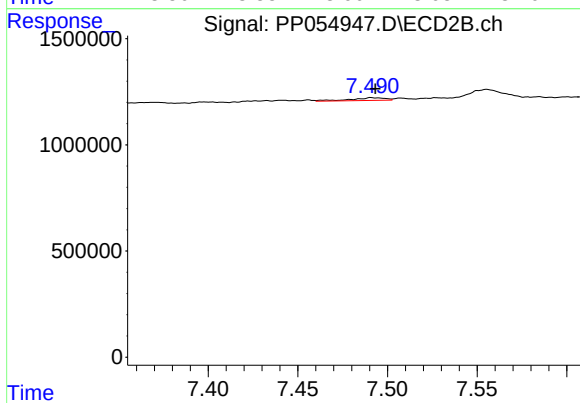
#39 AR-1262-4

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 593330
Conc: 4.54 ng/ml



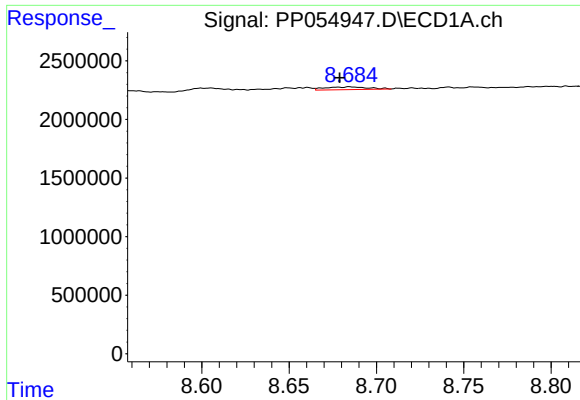
#41 AR-1268-1

R.T.: 8.605 min
Delta R.T.: 0.020 min
Response: 478257
Conc: 1.96 ng/ml



#41 AR-1268-1

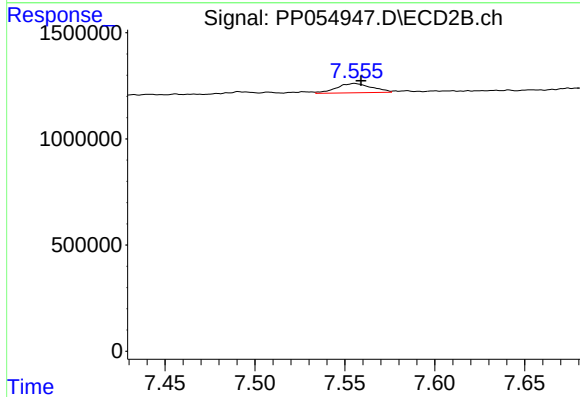
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 177968
Conc: 0.82 ng/ml



#42 AR-1268-2

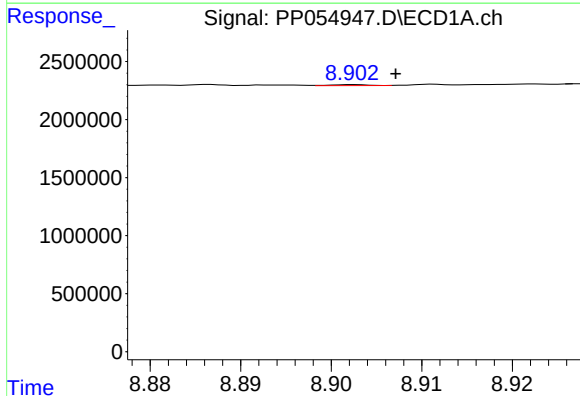
R.T.: 8.685 min
Delta R.T.: 0.006 min
Response: 400057
Conc: 1.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



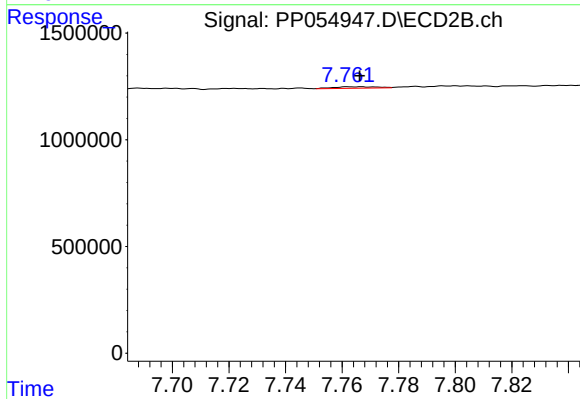
#42 AR-1268-2

R.T.: 7.556 min
Delta R.T.: -0.003 min
Response: 593330
Conc: 3.04 ng/ml



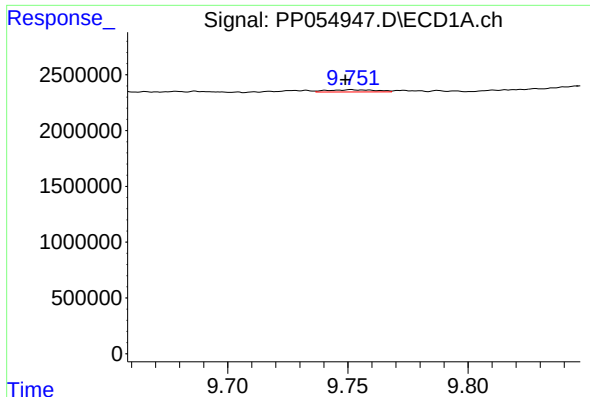
#43 AR-1268-3

R.T.: 8.902 min
Delta R.T.: -0.005 min
Response: 22808
Conc: 0.11 ng/ml



#43 AR-1268-3

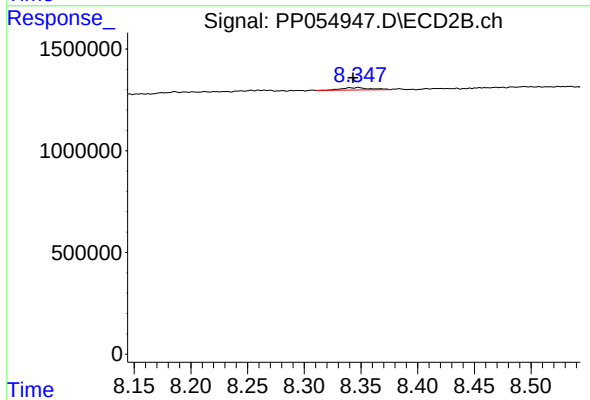
R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 75512
Conc: 0.44 ng/ml



#45 AR-1268-5

R.T.: 9.751 min
Delta R.T.: 0.002 min
Response: 274574
Conc: 0.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: 0.005 min
Response: 213155
Conc: 0.40 ng/ml