

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060222\
 Data File : PP048327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 16:20
 Operator : YP\AJ
 Sample : N2987-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 02:25:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 27 23:53:39 2022
 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...	4.034	3.214	56232105	44667025	24.013	22.665
2)	SA Decachlor...	10.387	8.644	45629639	35387794	23.477	21.892
Target Compounds							
3)	L1 AR-1016-1	5.310f	4.399	243695	81606	2.890	1.213 #
4)	L1 AR-1016-2	5.359	4.399	715645	81606	6.049	0.876 #
5)	L1 AR-1016-3	5.403	4.608	1536982	121427	22.745	2.370 #
6)	L1 AR-1016-4	5.520	0.000	1313136	0	21.303	N.D. #
7)	L1 AR-1016-5	5.846	0.000	6183331	0	109.771	N.D. #
8)	L2 AR-1221-1	4.271	0.000	45847876	0	1734.276	N.D. #
9)	L2 AR-1221-2	4.367	0.000	416761	0	20.349	N.D. #
10)	L2 AR-1221-3	4.459	3.617	1501771	1076465	23.987	21.705
11)	L3 AR-1232-1	4.459	3.617	1501771	1076465	28.913	24.923
12)	L3 AR-1232-2	5.040	4.399	1547061	81606	64.440	2.025 #
13)	L3 AR-1232-3	5.359	4.608	715645	121427	14.422	5.886 #
14)	L3 AR-1232-4	5.520	4.691	1313136	3854780	54.932	222.122 #
15)	L3 AR-1232-5	5.631	4.840f	393088	497291	24.061	25.388
16)	L4 AR-1242-1	5.310f	4.399	243695	81606	4.358	1.711 #
17)	L4 AR-1242-2	5.359	4.399	715645	81606	8.701	1.228 #
18)	L4 AR-1242-3	5.403	4.608	1536982	121427	31.310	3.501 #
19)	L4 AR-1242-4	5.520	4.691	1313136	3854780	33.183	120.017 #
20)	L4 AR-1242-5	6.340	5.240	1632236	275549	38.325	6.598 #
21)	L5 AR-1248-1	5.310	4.399	243695	81606	5.650	2.230 #
22)	L5 AR-1248-2	5.631	0.000	393088	0	6.874	N.D. #
23)	L5 AR-1248-3	5.846	4.691	6183331	3854780	91.355	77.810
24)	L5 AR-1248-4	6.271f	4.840f	1828495	497291	23.512	8.536 #
25)	L5 AR-1248-5	6.340	0.000	1632236	0	21.458	N.D. #
26)	L6 AR-1254-1	6.271	5.240	1828495	275549	25.187	3.143 #
27)	L6 AR-1254-2	0.000	5.424	0	59848	N.D.	0.797 #
28)	L6 AR-1254-3	6.942f	5.852	3158641	3246958	26.589	26.464
29)	L6 AR-1254-4	7.229	6.084	5192907	521814	57.571	6.949 #
30)	L6 AR-1254-5	7.695	6.538f	26299747	23857545	283.816	235.661
31)	L7 AR-1260-1	7.093	5.976	6734619	6094454	72.154	71.194
32)	L7 AR-1260-2	7.380	6.182	16394104	15550855	146.656	150.866
33)	L7 AR-1260-3	7.777	6.350	21666814	6760974	252.949	68.277 #
34)	L7 AR-1260-4	8.030	6.864	19664820	12269104	189.528	147.376
35)	L7 AR-1260-5	8.392	7.129	41614655	39819003	201.663	200.688
36)	L8 AR-1262-1	7.777	6.582f	21666814	20232167	189.977	187.261
37)	L8 AR-1262-2	8.392	6.864f	41614655	12269104	195.237	123.975 #
38)	L8 AR-1262-3	8.760f	7.474	28854263	232653	309.616	3.092 #
39)	L8 AR-1262-4	8.815f	7.509f	16443433	29821925	276.553	204.756 #
40)	L8 AR-1262-5	9.568	8.053f	12301683	11696888	155.427	173.305
41)	L9 AR-1268-1	8.760f	7.474f	28854263	232653	109.076	0.996 #

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Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
 Integrator: ChemStation

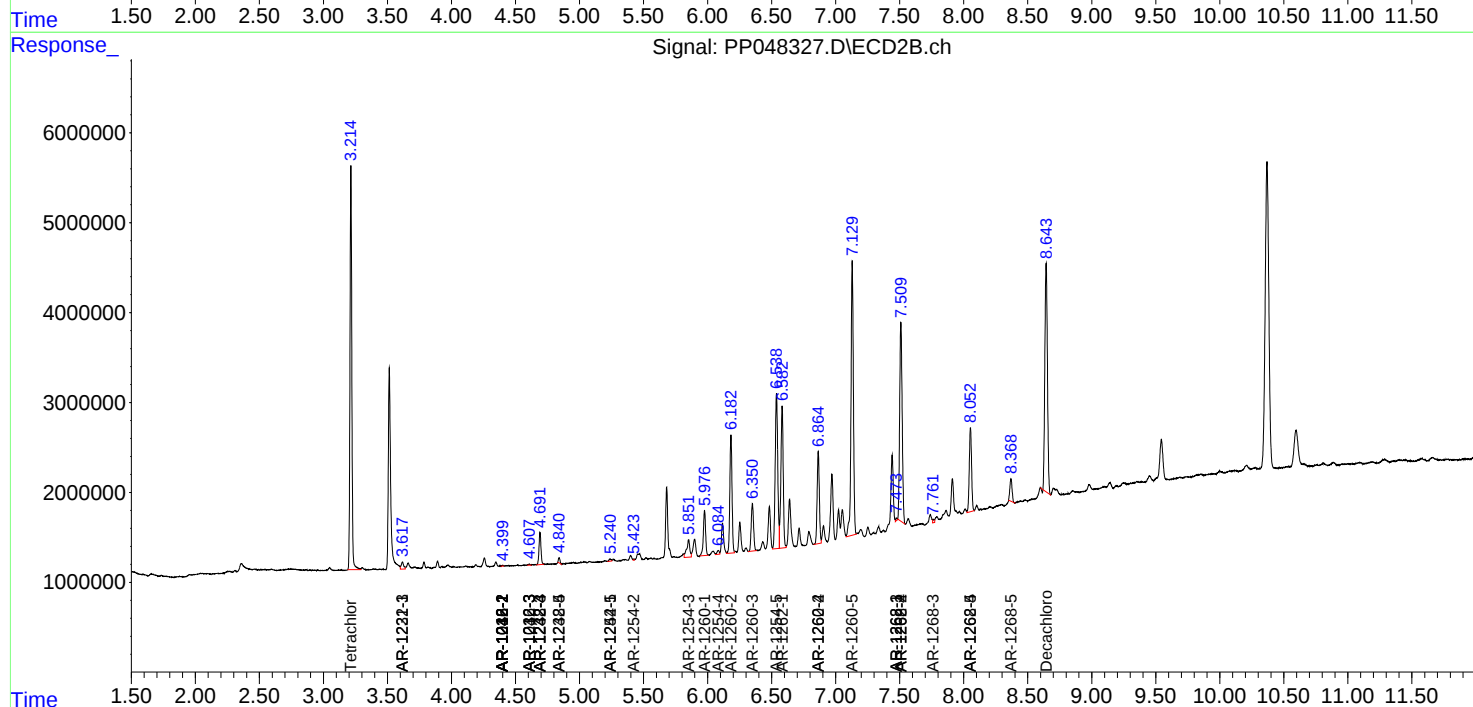
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

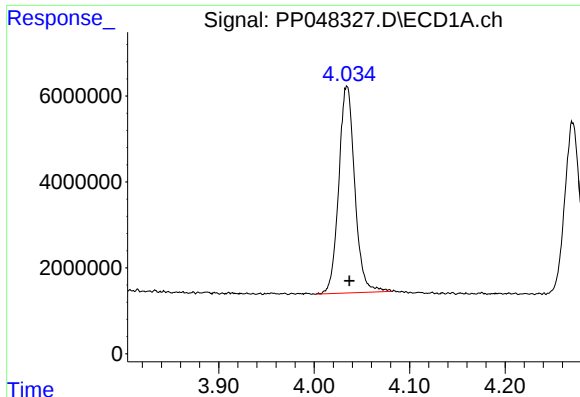
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.815f	7.509f	16443433	29821925	68.090	137.832 #
43) L9	AR-1268-3	9.088	7.762	1541453	337878	7.498	1.818 #
44) L9	AR-1268-4	9.568	8.053f	12301683	11696888	136.945	142.384
45) L9	AR-1268-5	10.020	8.369f	4768624	3005648	6.754	4.960 #

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

Instrument :
ECD_P
ClientSampleId :

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

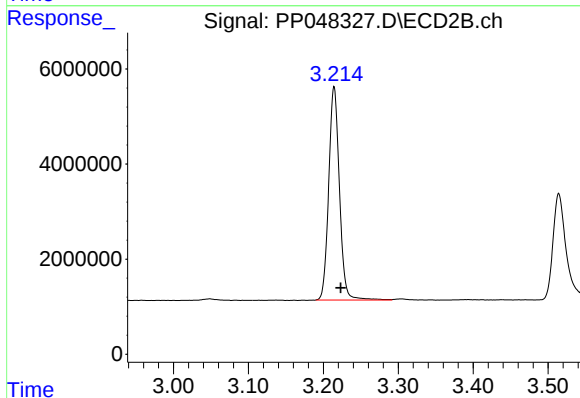




#1 Tetrachloro-m-xylene

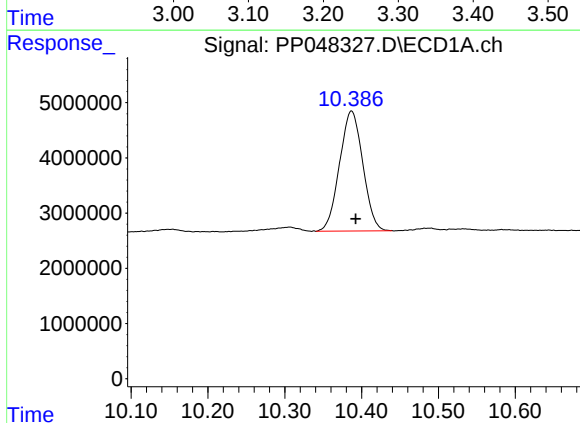
R.T.: 4.034 min
Delta R.T.: -0.003 min
Response: 56232105
Conc: 24.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



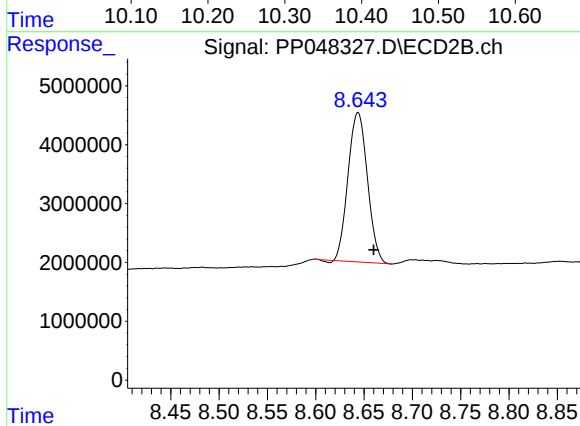
#1 Tetrachloro-m-xylene

R.T.: 3.214 min
Delta R.T.: -0.009 min
Response: 44667025
Conc: 22.66 ng/ml



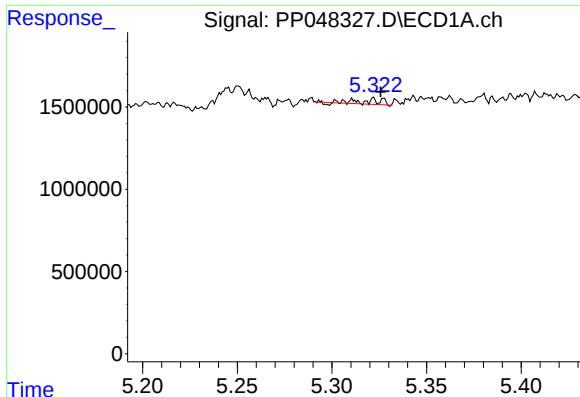
#2 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.006 min
Response: 45629639
Conc: 23.48 ng/ml



#2 Decachlorobiphenyl

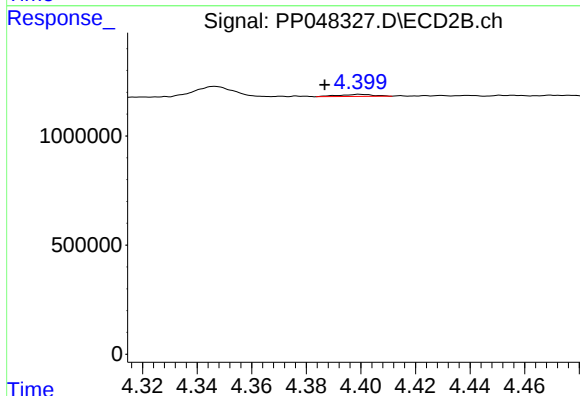
R.T.: 8.644 min
Delta R.T.: -0.016 min
Response: 35387794
Conc: 21.89 ng/ml



#3 AR-1016-1

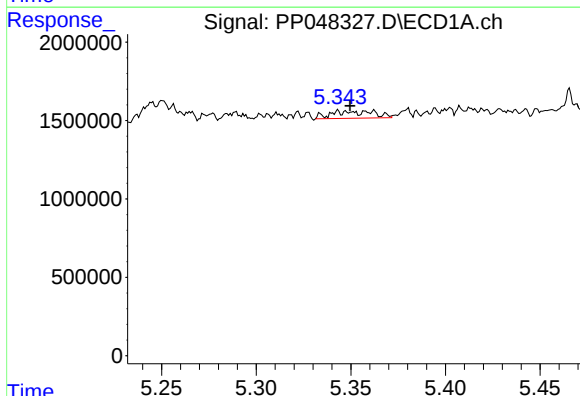
R.T.: 5.310 min
Delta R.T.: -0.015 min
Response: 243695
Conc: 2.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



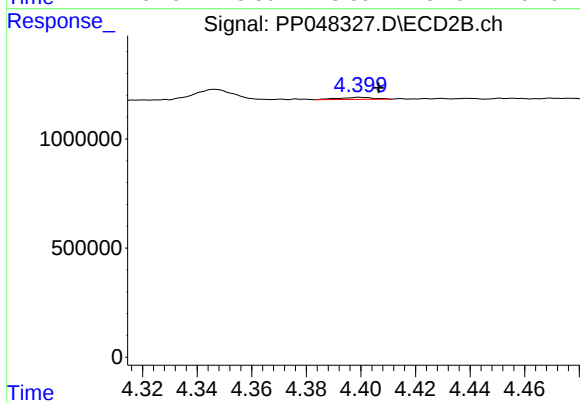
#3 AR-1016-1

R.T.: 4.399 min
Delta R.T.: 0.013 min
Response: 81606
Conc: 1.21 ng/ml



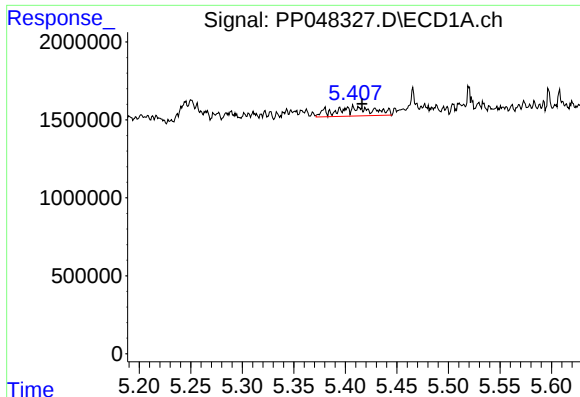
#4 AR-1016-2

R.T.: 5.359 min
Delta R.T.: 0.009 min
Response: 715645
Conc: 6.05 ng/ml



#4 AR-1016-2

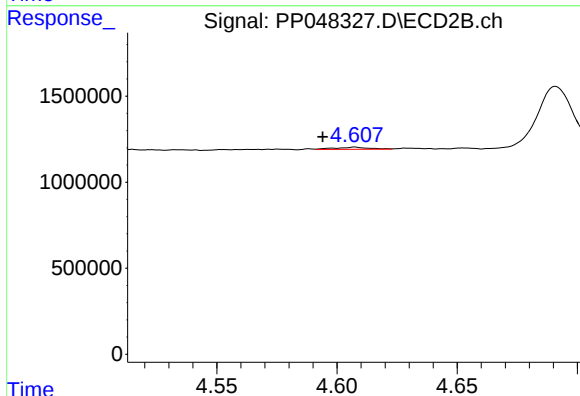
R.T.: 4.399 min
Delta R.T.: -0.007 min
Response: 81606
Conc: 0.88 ng/ml



#5 AR-1016-3

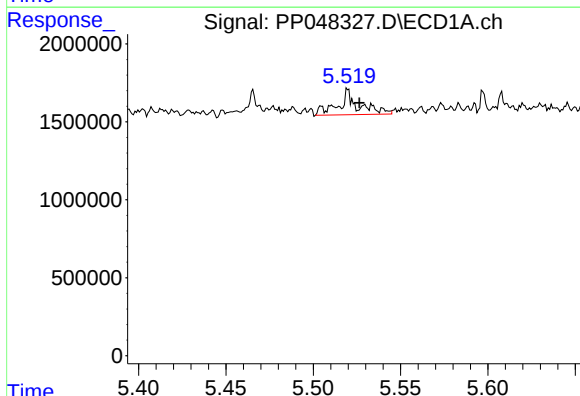
R.T.: 5.403 min
Delta R.T.: -0.013 min
Response: 1536982
Conc: 22.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



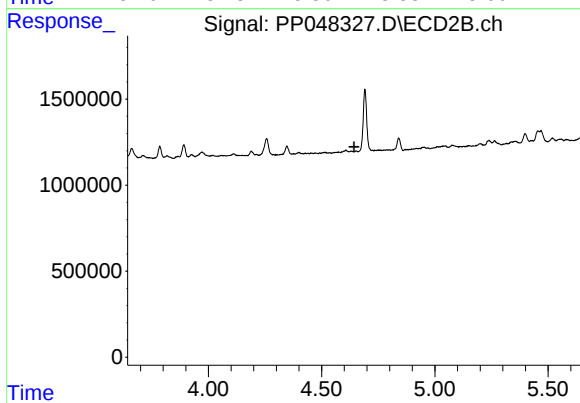
#5 AR-1016-3

R.T.: 4.608 min
Delta R.T.: 0.014 min
Response: 121427
Conc: 2.37 ng/ml



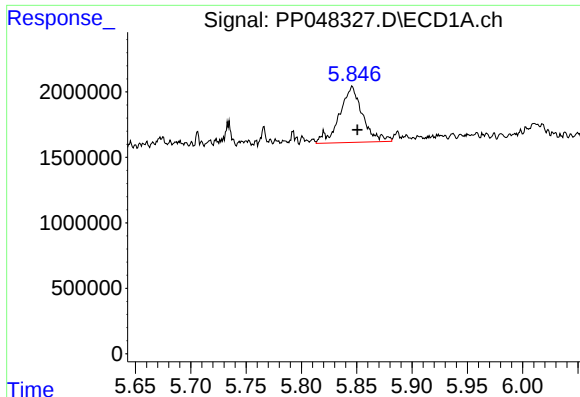
#6 AR-1016-4

R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 1313136
Conc: 21.30 ng/ml



#6 AR-1016-4

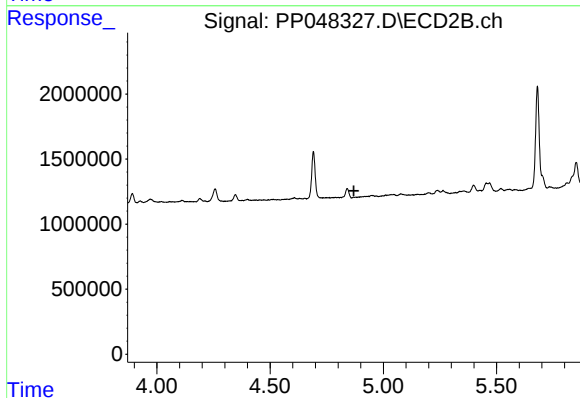
R.T.: 0.000 min
Exp R.T. : 4.643 min
Response: 0
Conc: N.D.



#7 AR-1016-5

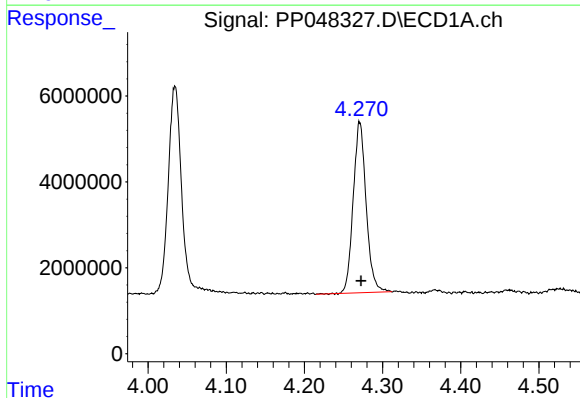
R.T.: 5.846 min
Delta R.T.: -0.005 min
Response: 6183331
Conc: 109.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



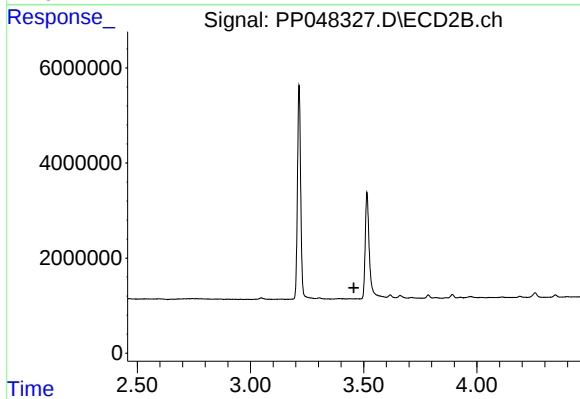
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.870 min
Response: 0
Conc: N.D.



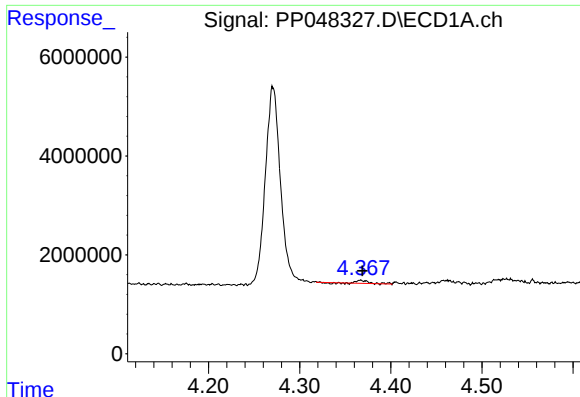
#8 AR-1221-1

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 45847876
Conc: 1734.28 ng/ml



#8 AR-1221-1

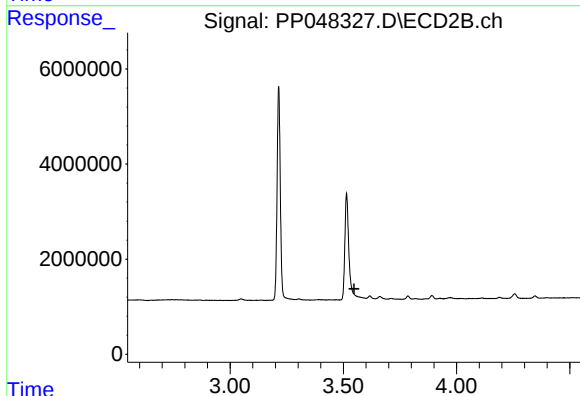
R.T.: 0.000 min
Exp R.T. : 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

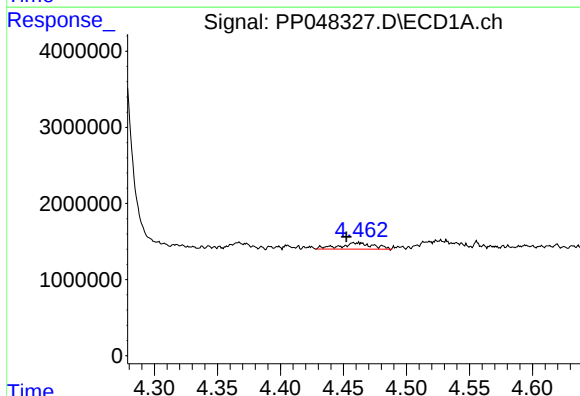
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 416761
Conc: 20.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



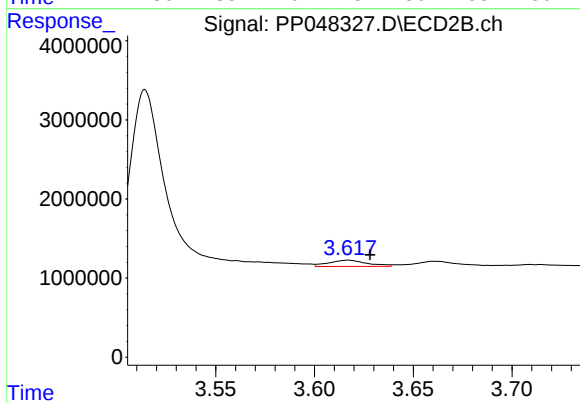
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.547 min
Response: 0
Conc: N.D.



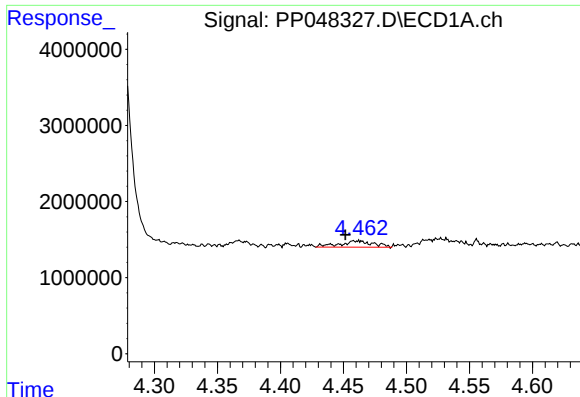
#10 AR-1221-3

R.T.: 4.459 min
Delta R.T.: 0.006 min
Response: 1501771
Conc: 23.99 ng/ml



#10 AR-1221-3

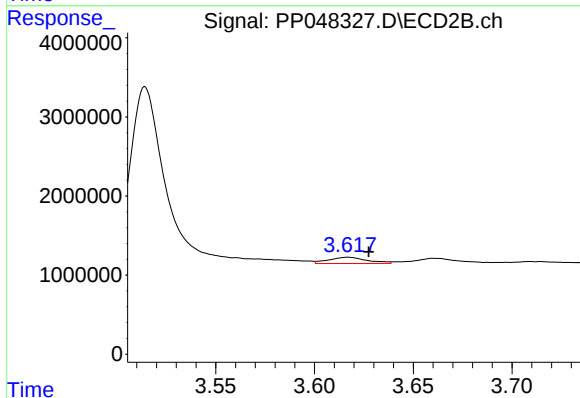
R.T.: 3.617 min
Delta R.T.: -0.011 min
Response: 1076465
Conc: 21.71 ng/ml



#11 AR-1232-1

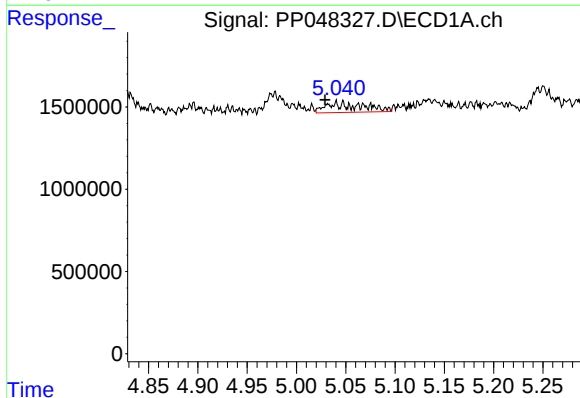
R.T.: 4.459 min
Delta R.T.: 0.007 min
Response: 1501771
Conc: 28.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



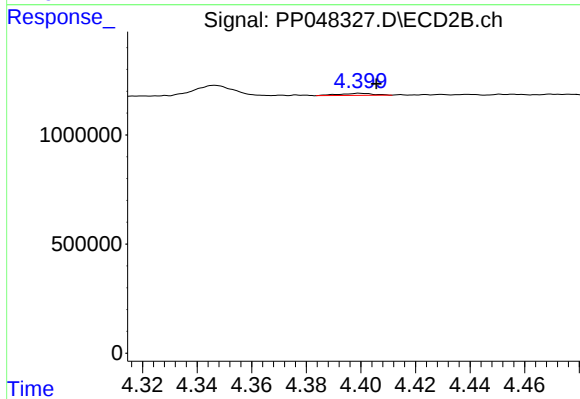
#11 AR-1232-1

R.T.: 3.617 min
Delta R.T.: -0.010 min
Response: 1076465
Conc: 24.92 ng/ml



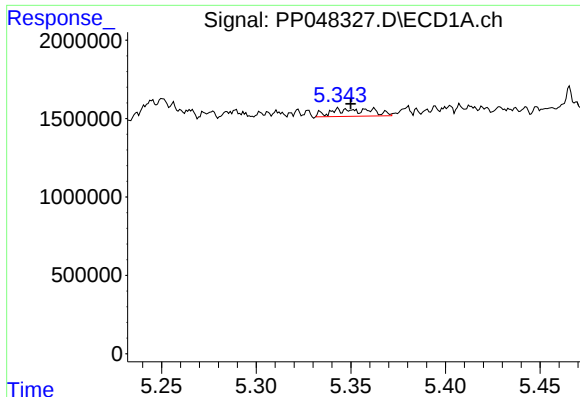
#12 AR-1232-2

R.T.: 5.040 min
Delta R.T.: 0.011 min
Response: 1547061
Conc: 64.44 ng/ml



#12 AR-1232-2

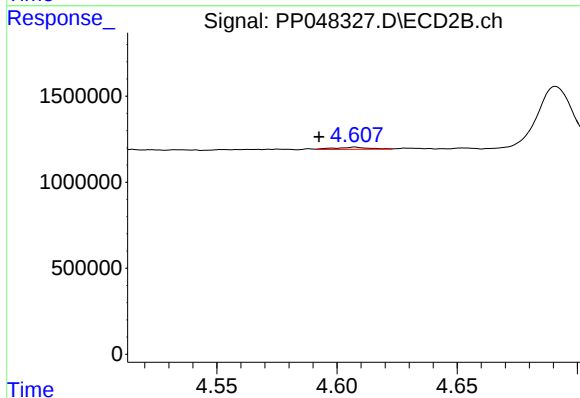
R.T.: 4.399 min
Delta R.T.: -0.006 min
Response: 81606
Conc: 2.03 ng/ml



#13 AR-1232-3

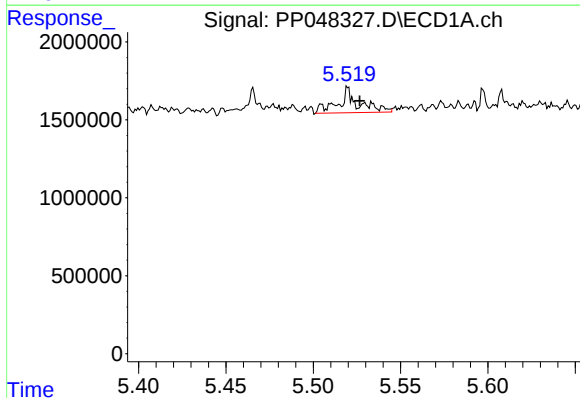
R.T.: 5.359 min
Delta R.T.: 0.009 min
Response: 715645
Conc: 14.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



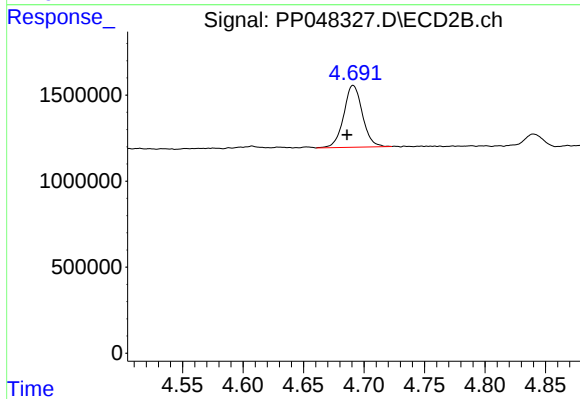
#13 AR-1232-3

R.T.: 4.608 min
Delta R.T.: 0.015 min
Response: 121427
Conc: 5.89 ng/ml



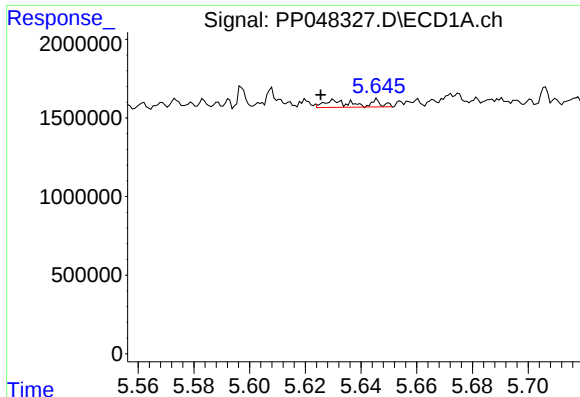
#14 AR-1232-4

R.T.: 5.520 min
Delta R.T.: -0.007 min
Response: 1313136
Conc: 54.93 ng/ml



#14 AR-1232-4

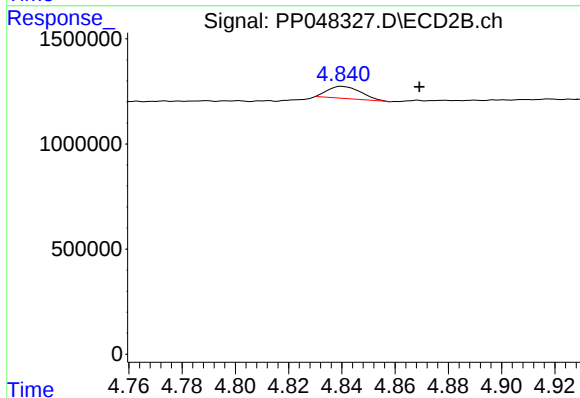
R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 3854780
Conc: 222.12 ng/ml



#15 AR-1232-5

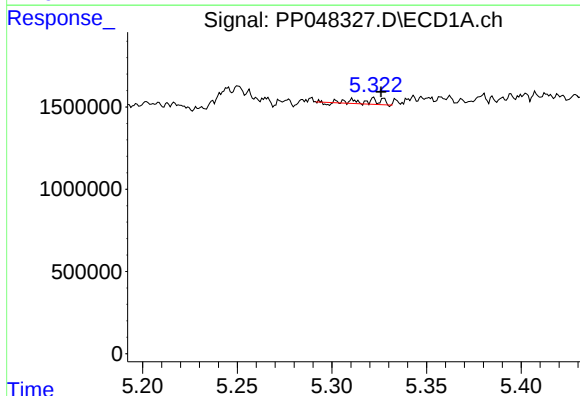
R.T.: 5.631 min
Delta R.T.: 0.005 min
Response: 393088
Conc: 24.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



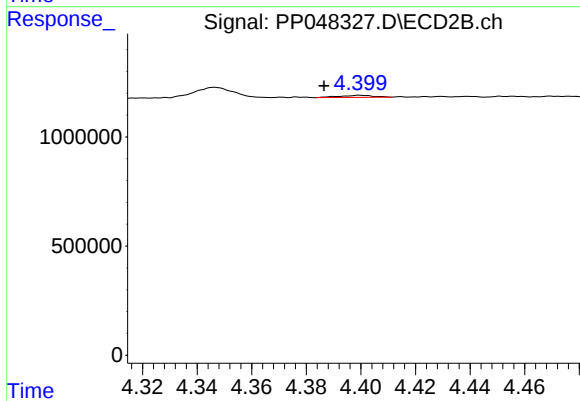
#15 AR-1232-5

R.T.: 4.840 min
Delta R.T.: -0.029 min
Response: 497291
Conc: 25.39 ng/ml



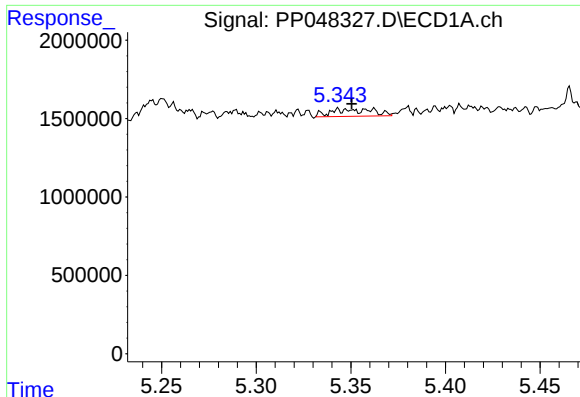
#16 AR-1242-1

R.T.: 5.310 min
Delta R.T.: -0.016 min
Response: 243695
Conc: 4.36 ng/ml



#16 AR-1242-1

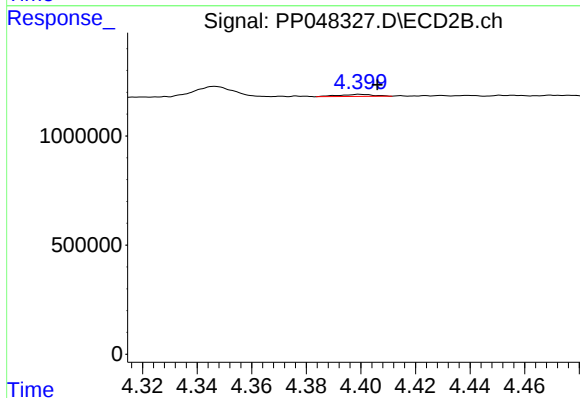
R.T.: 4.399 min
Delta R.T.: 0.013 min
Response: 81606
Conc: 1.71 ng/ml



#17 AR-1242-2

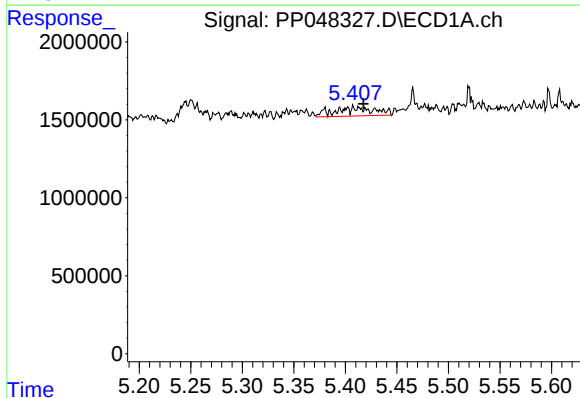
R.T.: 5.359 min
Delta R.T.: 0.008 min
Response: 715645
Conc: 8.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



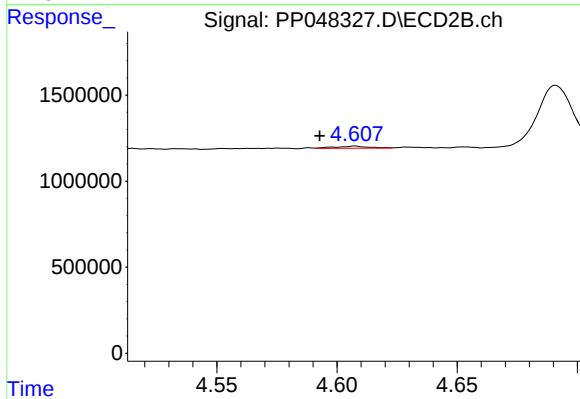
#17 AR-1242-2

R.T.: 4.399 min
Delta R.T.: -0.007 min
Response: 81606
Conc: 1.23 ng/ml



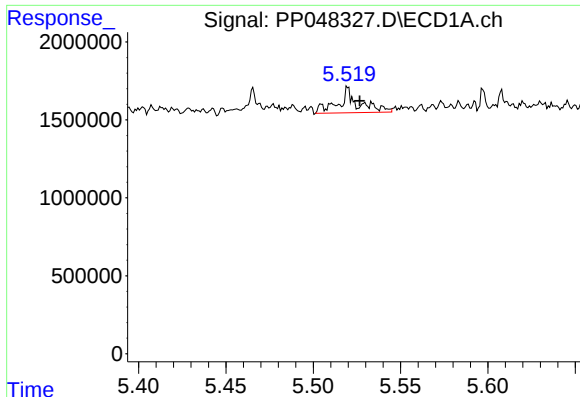
#18 AR-1242-3

R.T.: 5.403 min
Delta R.T.: -0.014 min
Response: 1536982
Conc: 31.31 ng/ml



#18 AR-1242-3

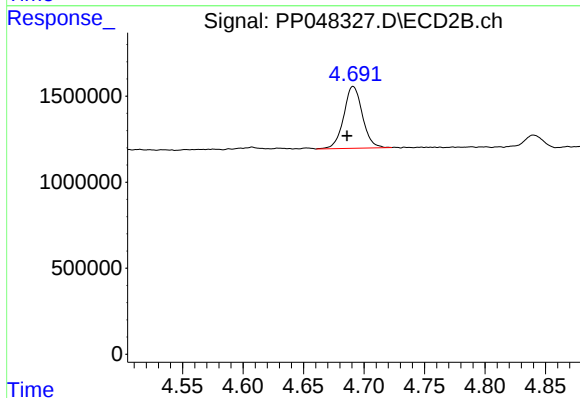
R.T.: 4.608 min
Delta R.T.: 0.015 min
Response: 121427
Conc: 3.50 ng/ml



#19 AR-1242-4

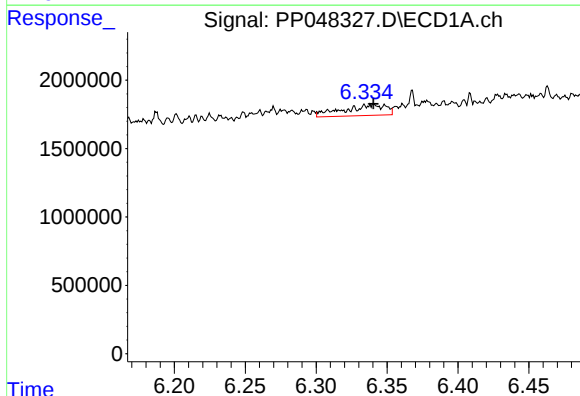
R.T.: 5.520 min
Delta R.T.: -0.007 min
Response: 1313136
Conc: 33.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



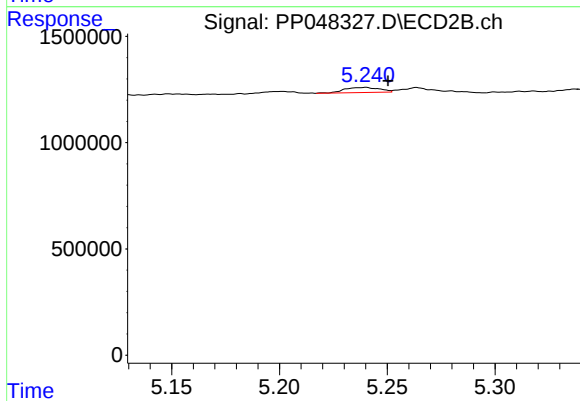
#19 AR-1242-4

R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 3854780
Conc: 120.02 ng/ml



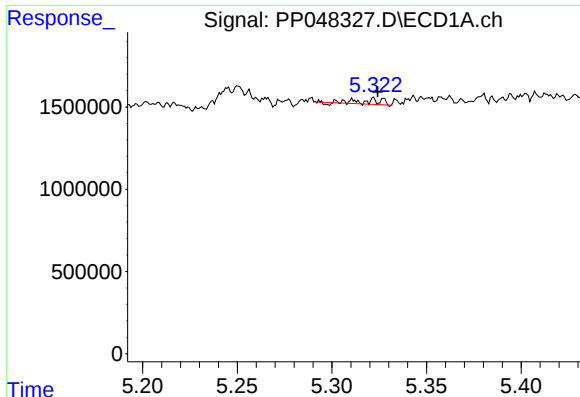
#20 AR-1242-5

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1632236
Conc: 38.33 ng/ml



#20 AR-1242-5

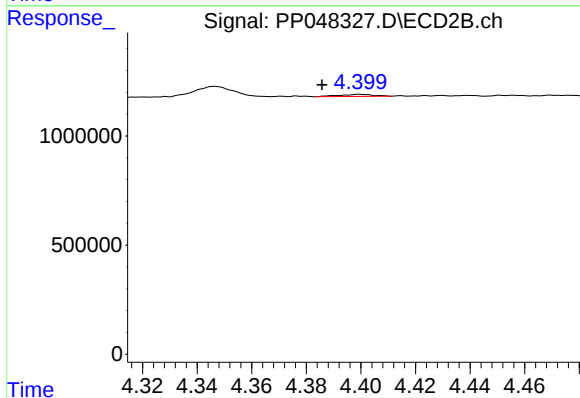
R.T.: 5.240 min
Delta R.T.: -0.010 min
Response: 275549
Conc: 6.60 ng/ml



#21 AR-1248-1

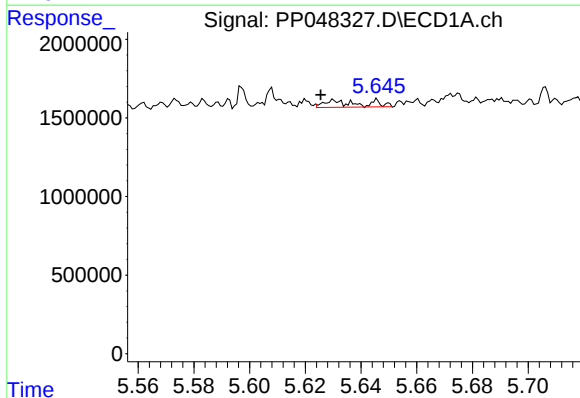
R.T.: 5.310 min
Delta R.T.: -0.014 min
Response: 243695
Conc: 5.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



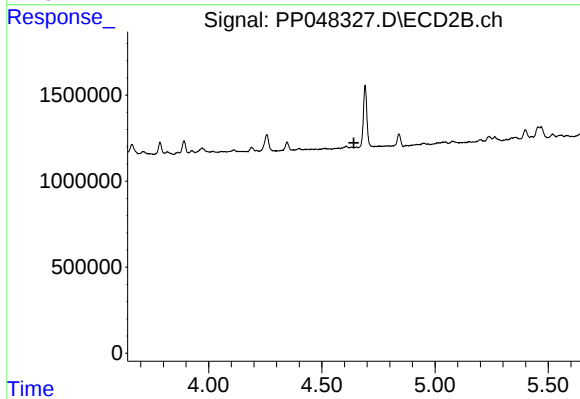
#21 AR-1248-1

R.T.: 4.399 min
Delta R.T.: 0.014 min
Response: 81606
Conc: 2.23 ng/ml



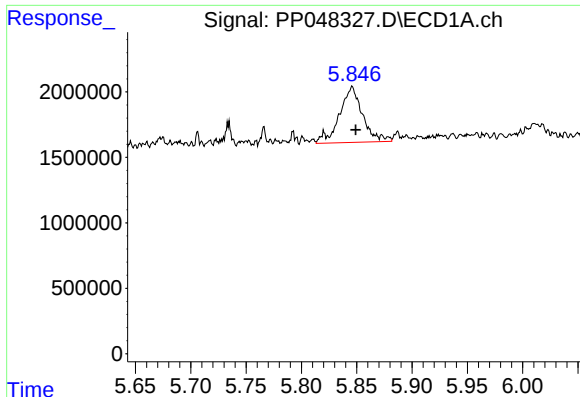
#22 AR-1248-2

R.T.: 5.631 min
Delta R.T.: 0.005 min
Response: 393088
Conc: 6.87 ng/ml



#22 AR-1248-2

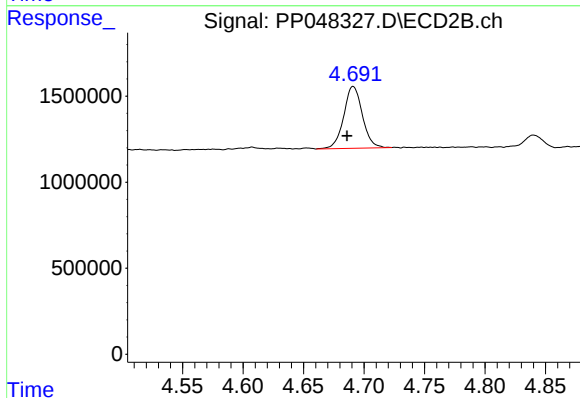
R.T.: 0.000 min
Exp R.T. : 4.642 min
Response: 0
Conc: N.D.



#23 AR-1248-3

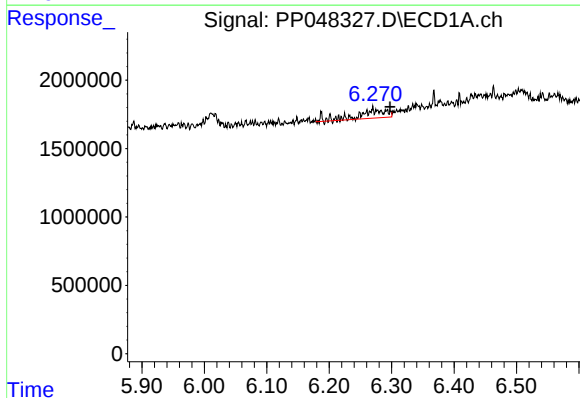
R.T.: 5.846 min
Delta R.T.: -0.004 min
Response: 6183331
Conc: 91.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



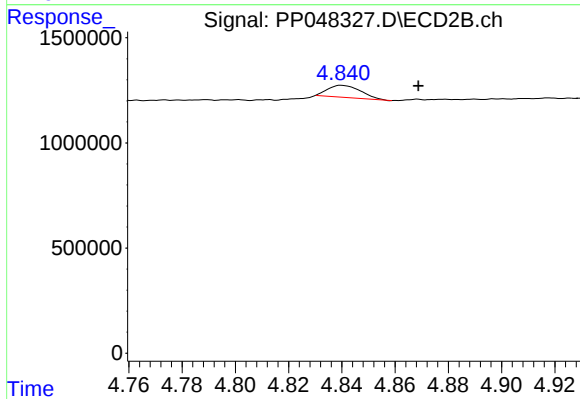
#23 AR-1248-3

R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 3854780
Conc: 77.81 ng/ml



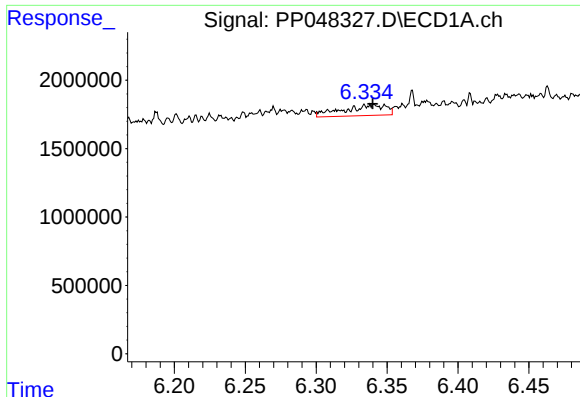
#24 AR-1248-4

R.T.: 6.271 min
Delta R.T.: -0.026 min
Response: 1828495
Conc: 23.51 ng/ml



#24 AR-1248-4

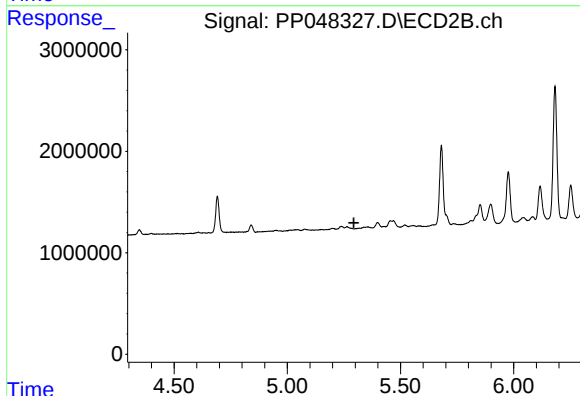
R.T.: 4.840 min
Delta R.T.: -0.029 min
Response: 497291
Conc: 8.54 ng/ml



#25 AR-1248-5

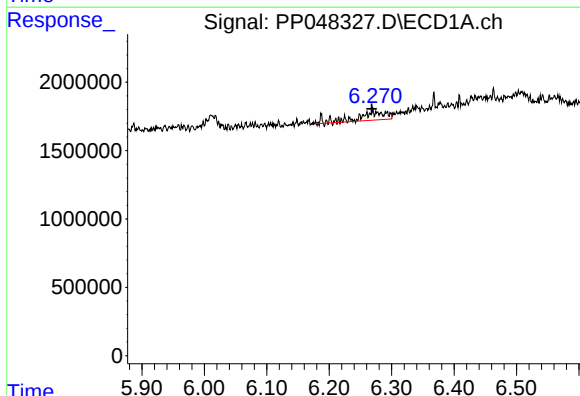
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 1632236
Conc: 21.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



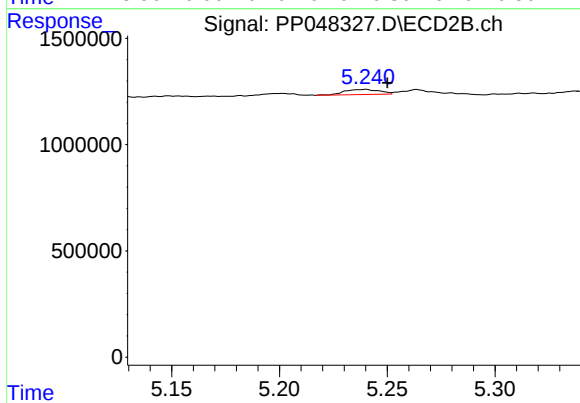
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.



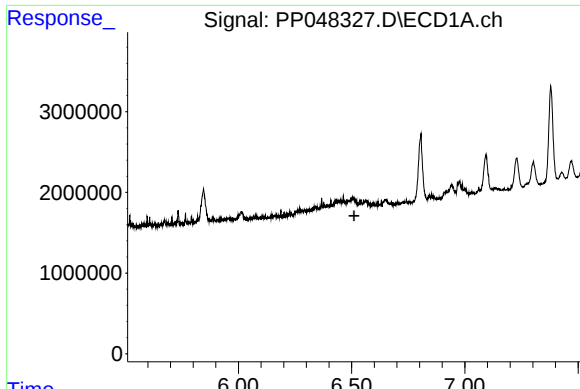
#26 AR-1254-1

R.T.: 6.271 min
Delta R.T.: 0.003 min
Response: 1828495
Conc: 25.19 ng/ml



#26 AR-1254-1

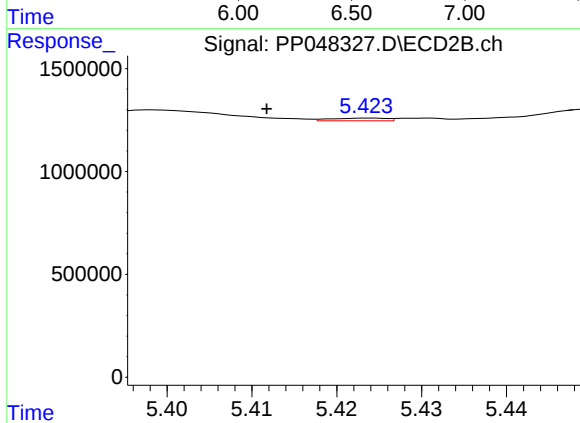
R.T.: 5.240 min
Delta R.T.: -0.010 min
Response: 275549
Conc: 3.14 ng/ml



#27 AR-1254-2

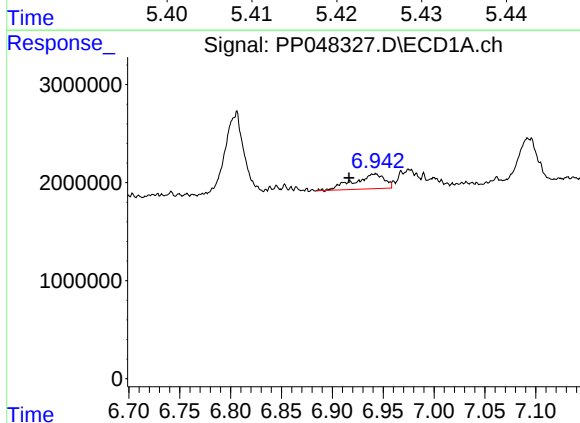
R.T.: 0.000 min
Exp R.T.: 6.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



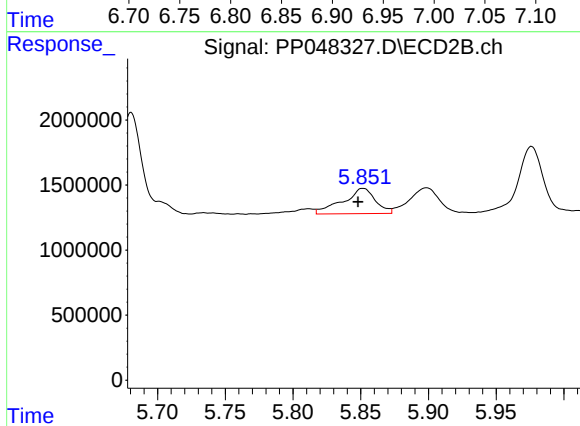
#27 AR-1254-2

R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 59848
Conc: 0.80 ng/ml



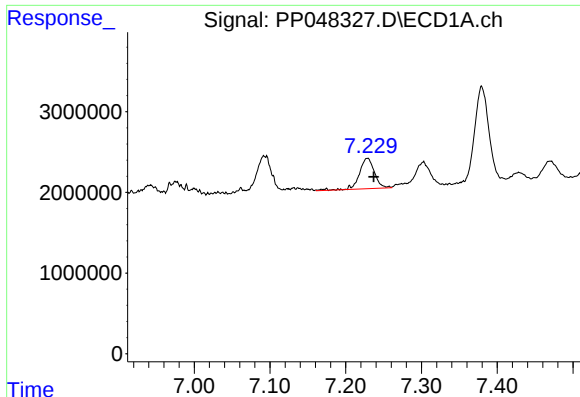
#28 AR-1254-3

R.T.: 6.942 min
Delta R.T.: 0.025 min
Response: 3158641
Conc: 26.59 ng/ml



#28 AR-1254-3

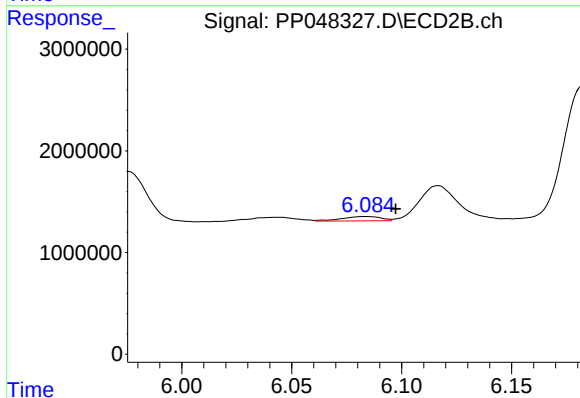
R.T.: 5.852 min
Delta R.T.: 0.004 min
Response: 3246958
Conc: 26.46 ng/ml



#29 AR-1254-4

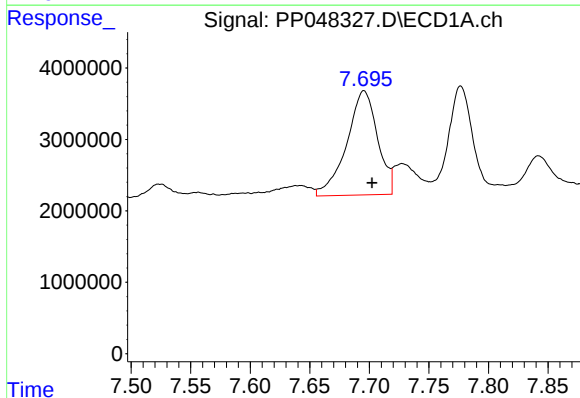
R.T.: 7.229 min
Delta R.T.: -0.008 min
Response: 5192907
Conc: 57.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



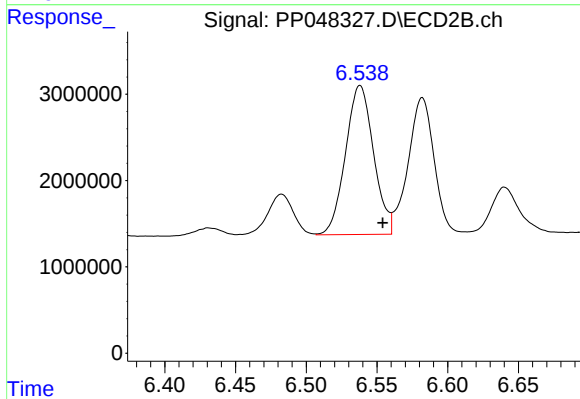
#29 AR-1254-4

R.T.: 6.084 min
Delta R.T.: -0.013 min
Response: 521814
Conc: 6.95 ng/ml



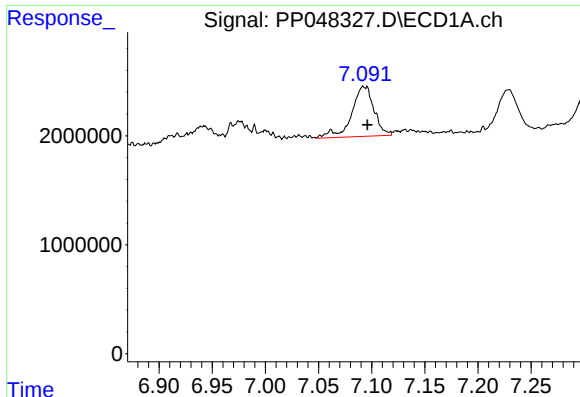
#30 AR-1254-5

R.T.: 7.695 min
Delta R.T.: -0.007 min
Response: 26299747
Conc: 283.82 ng/ml



#30 AR-1254-5

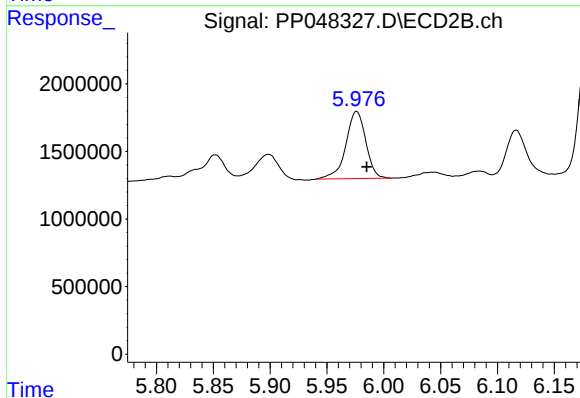
R.T.: 6.538 min
Delta R.T.: -0.016 min
Response: 23857545
Conc: 235.66 ng/ml



#31 AR-1260-1

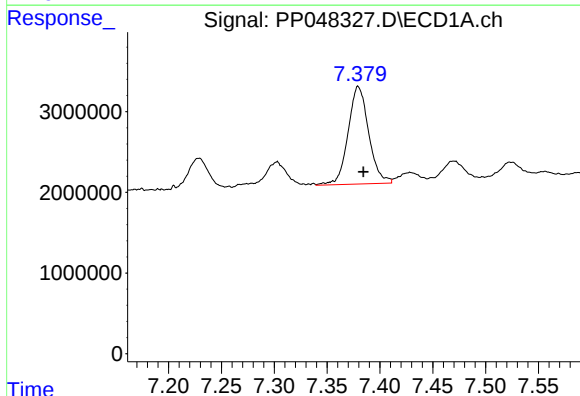
R.T.: 7.093 min
Delta R.T.: -0.003 min
Response: 6734619
Conc: 72.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



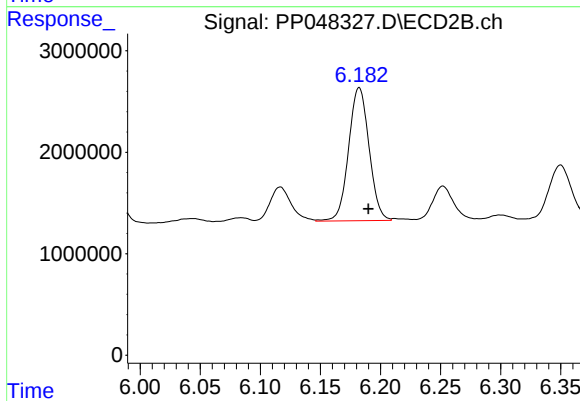
#31 AR-1260-1

R.T.: 5.976 min
Delta R.T.: -0.009 min
Response: 6094454
Conc: 71.19 ng/ml



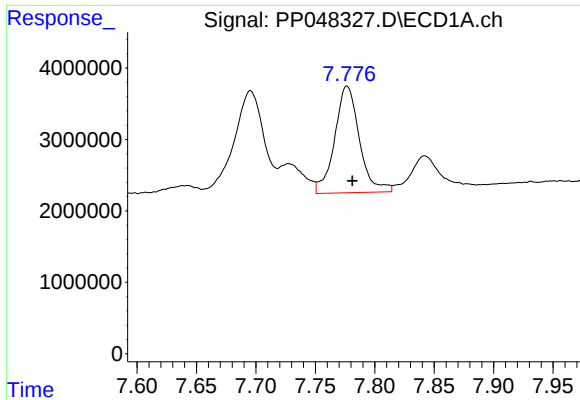
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 16394104
Conc: 146.66 ng/ml



#32 AR-1260-2

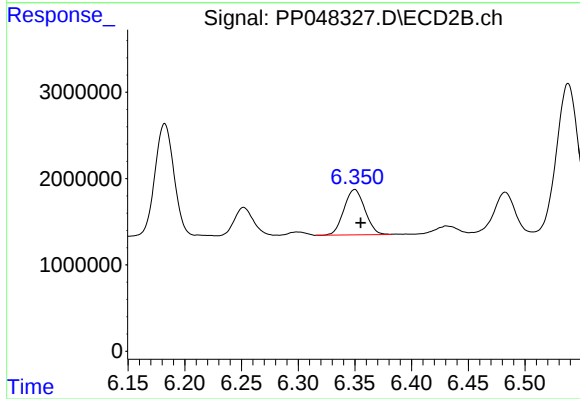
R.T.: 6.182 min
Delta R.T.: -0.008 min
Response: 15550855
Conc: 150.87 ng/ml



#33 AR-1260-3

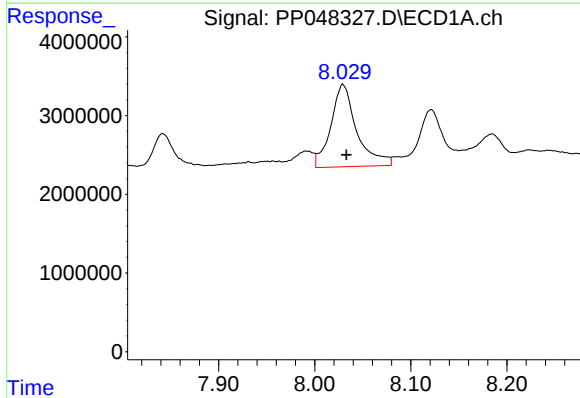
R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 21666814
Conc: 252.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



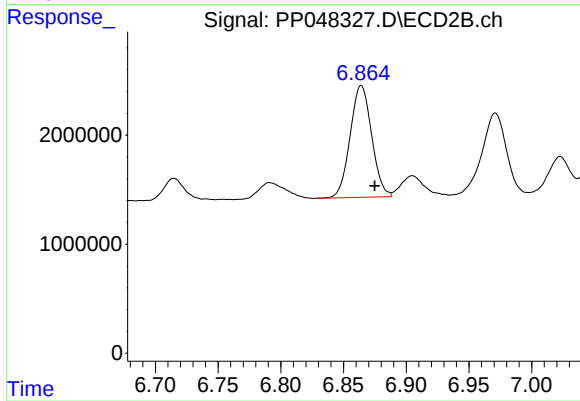
#33 AR-1260-3

R.T.: 6.350 min
Delta R.T.: -0.005 min
Response: 6760974
Conc: 68.28 ng/ml



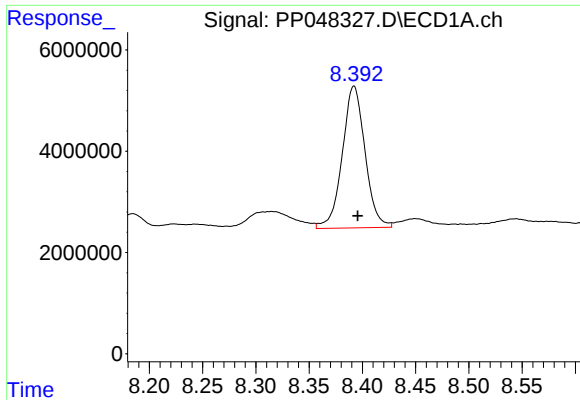
#34 AR-1260-4

R.T.: 8.030 min
Delta R.T.: -0.004 min
Response: 19664820
Conc: 189.53 ng/ml



#34 AR-1260-4

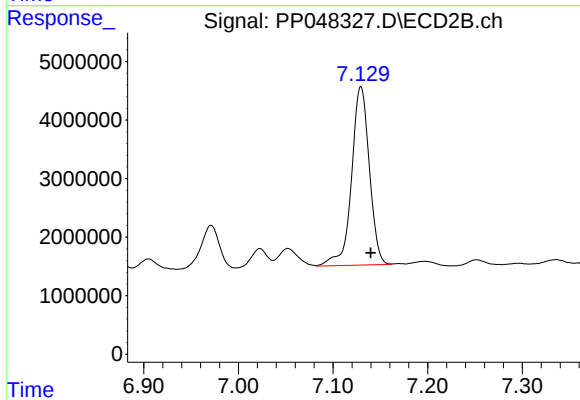
R.T.: 6.864 min
Delta R.T.: -0.011 min
Response: 12269104
Conc: 147.38 ng/ml



#35 AR-1260-5

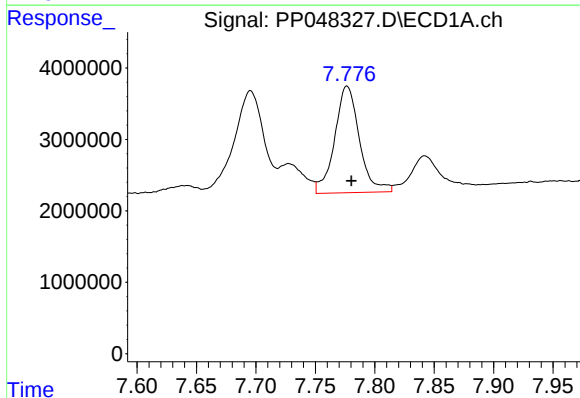
R.T.: 8.392 min
Delta R.T.: -0.004 min
Response: 41614655
Conc: 201.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



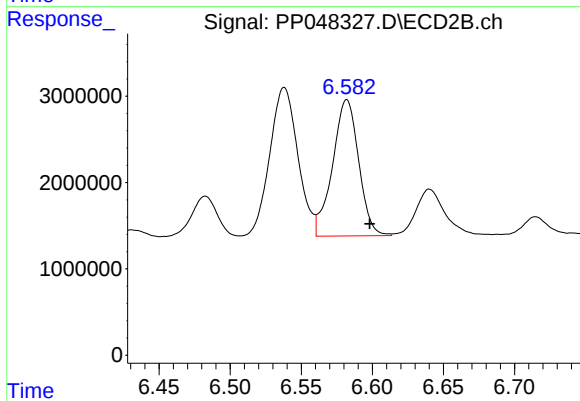
#35 AR-1260-5

R.T.: 7.129 min
Delta R.T.: -0.011 min
Response: 39819003
Conc: 200.69 ng/ml



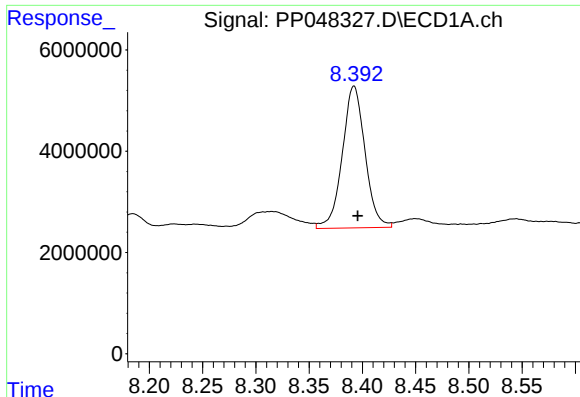
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 21666814
Conc: 189.98 ng/ml



#36 AR-1262-1

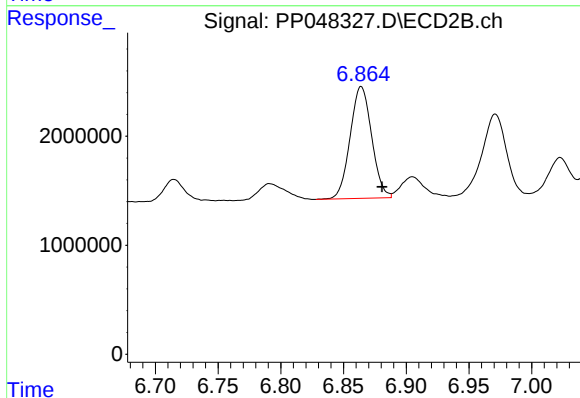
R.T.: 6.582 min
Delta R.T.: -0.016 min
Response: 20232167
Conc: 187.26 ng/ml



#37 AR-1262-2

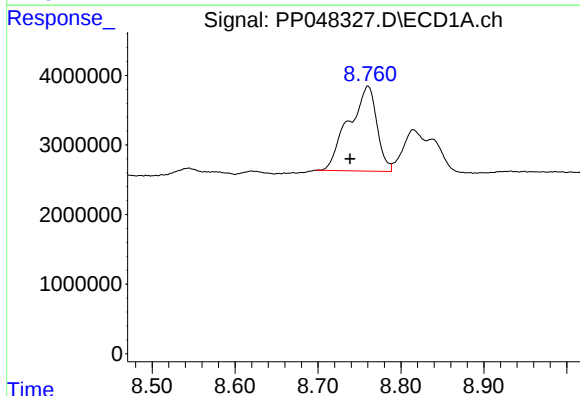
R.T.: 8.392 min
Delta R.T.: -0.004 min
Response: 41614655
Conc: 195.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



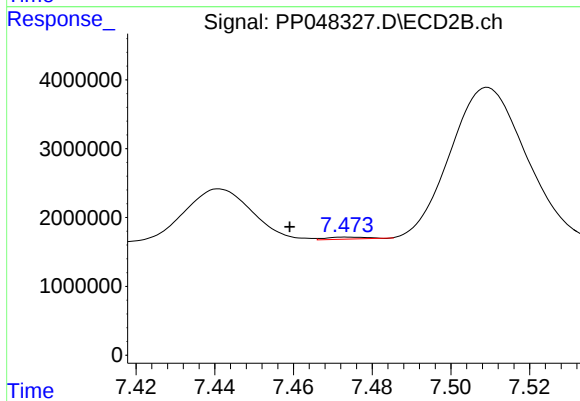
#37 AR-1262-2

R.T.: 6.864 min
Delta R.T.: -0.017 min
Response: 12269104
Conc: 123.98 ng/ml



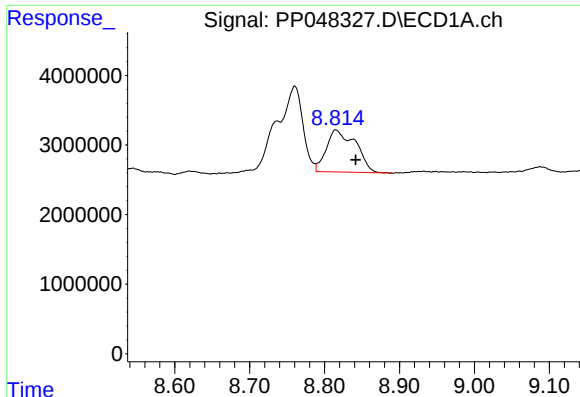
#38 AR-1262-3

R.T.: 8.760 min
Delta R.T.: 0.021 min
Response: 28854263
Conc: 309.62 ng/ml



#38 AR-1262-3

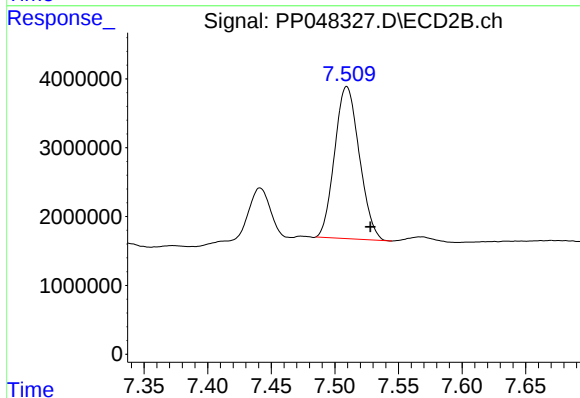
R.T.: 7.474 min
Delta R.T.: 0.015 min
Response: 232653
Conc: 3.09 ng/ml



#39 AR-1262-4

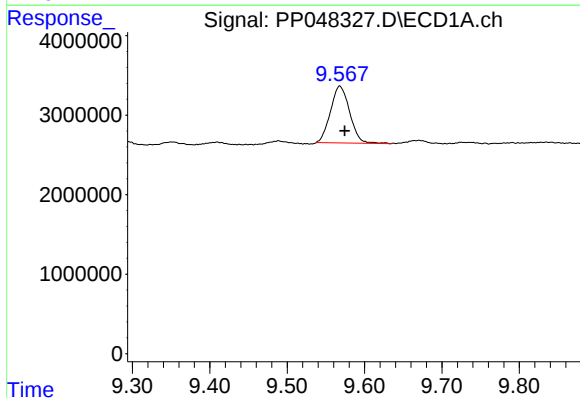
R.T.: 8.815 min
Delta R.T.: -0.026 min
Response: 16443433
Conc: 276.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



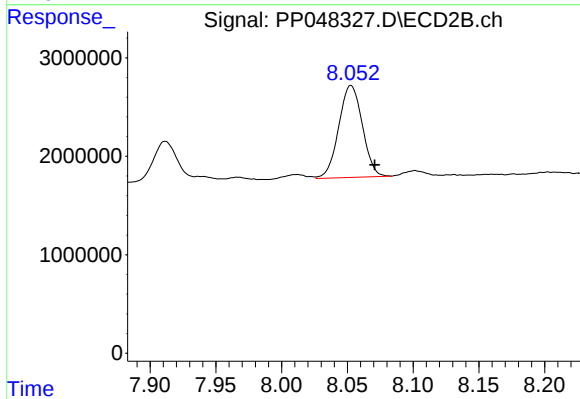
#39 AR-1262-4

R.T.: 7.509 min
Delta R.T.: -0.018 min
Response: 29821925
Conc: 204.76 ng/ml



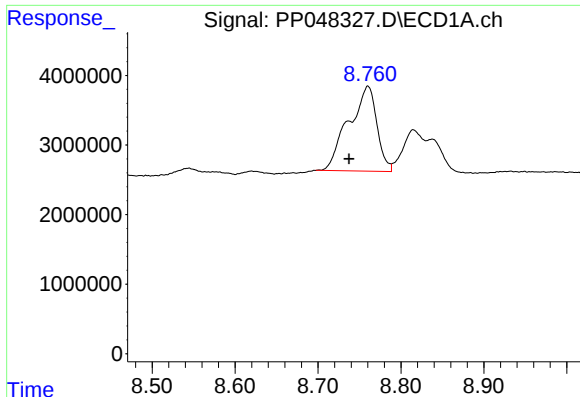
#40 AR-1262-5

R.T.: 9.568 min
Delta R.T.: -0.006 min
Response: 12301683
Conc: 155.43 ng/ml



#40 AR-1262-5

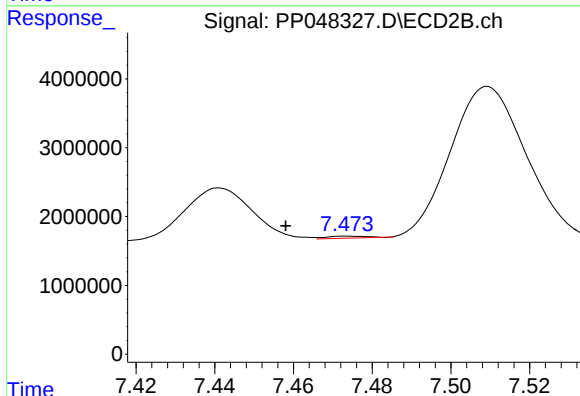
R.T.: 8.053 min
Delta R.T.: -0.018 min
Response: 11696888
Conc: 173.31 ng/ml



#41 AR-1268-1

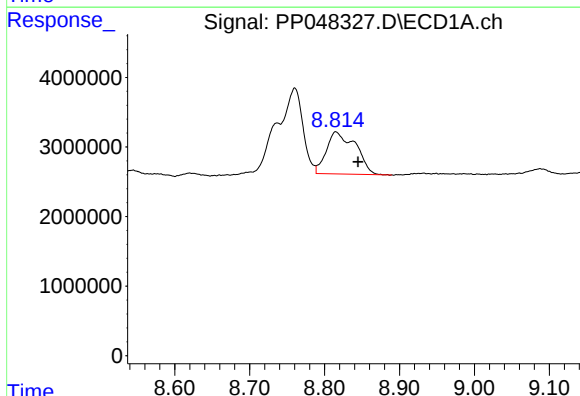
R.T.: 8.760 min
Delta R.T.: 0.022 min
Response: 28854263
Conc: 109.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



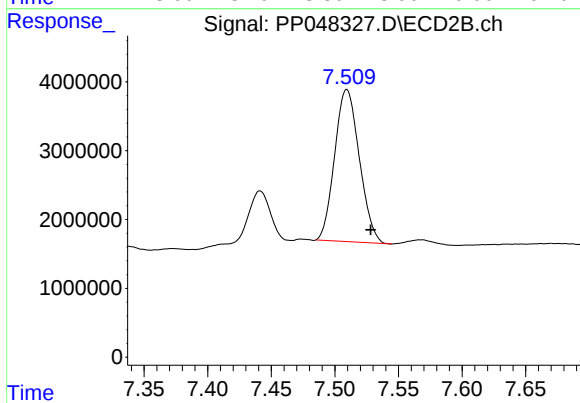
#41 AR-1268-1

R.T.: 7.474 min
Delta R.T.: 0.016 min
Response: 232653
Conc: 1.00 ng/ml



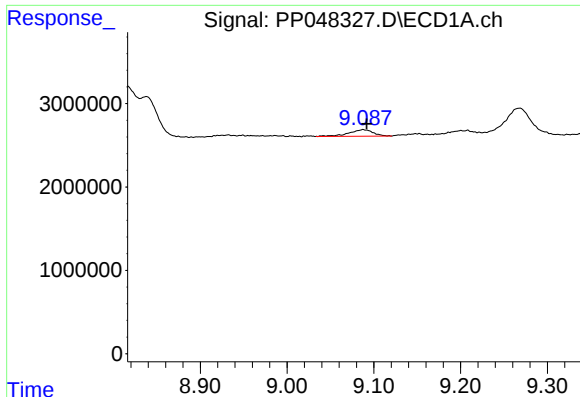
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: -0.029 min
Response: 16443433
Conc: 68.09 ng/ml



#42 AR-1268-2

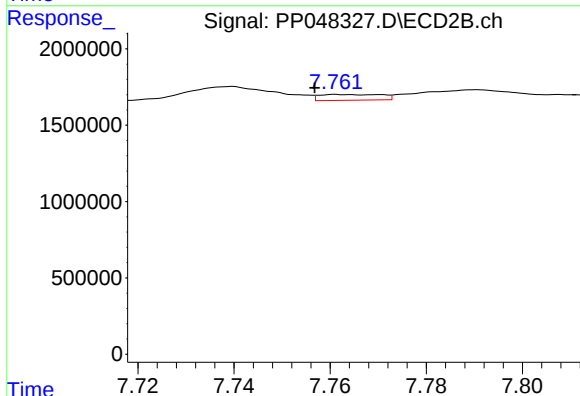
R.T.: 7.509 min
Delta R.T.: -0.019 min
Response: 29821925
Conc: 137.83 ng/ml



#43 AR-1268-3

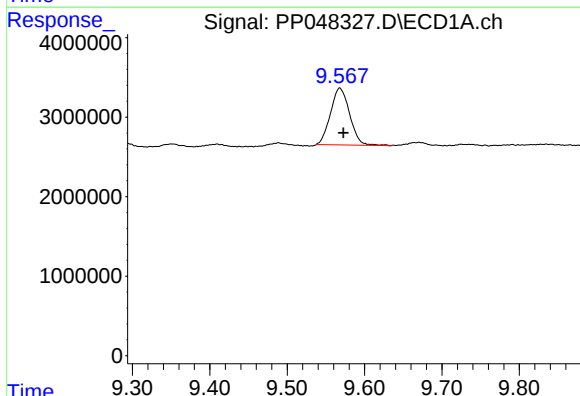
R.T.: 9.088 min
Delta R.T.: -0.004 min
Response: 1541453
Conc: 7.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



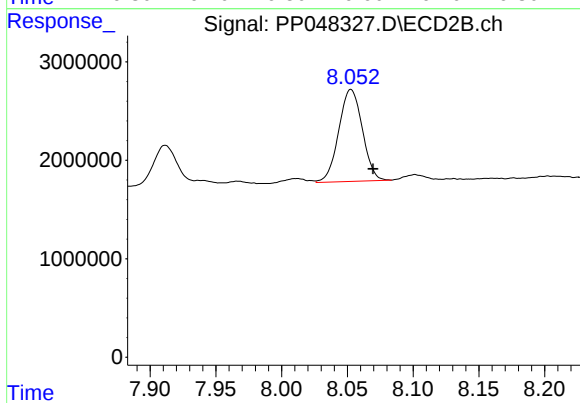
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: 0.005 min
Response: 337878
Conc: 1.82 ng/ml



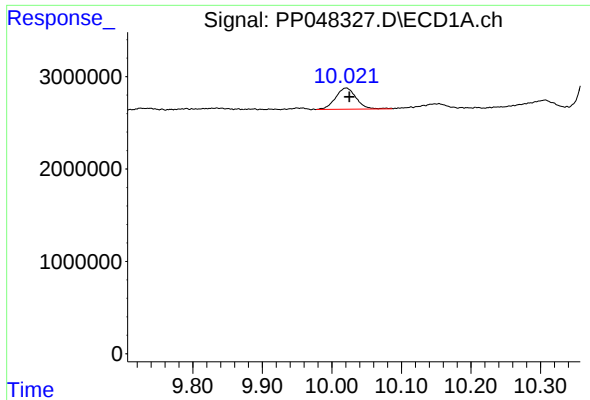
#44 AR-1268-4

R.T.: 9.568 min
Delta R.T.: -0.005 min
Response: 12301683
Conc: 136.94 ng/ml



#44 AR-1268-4

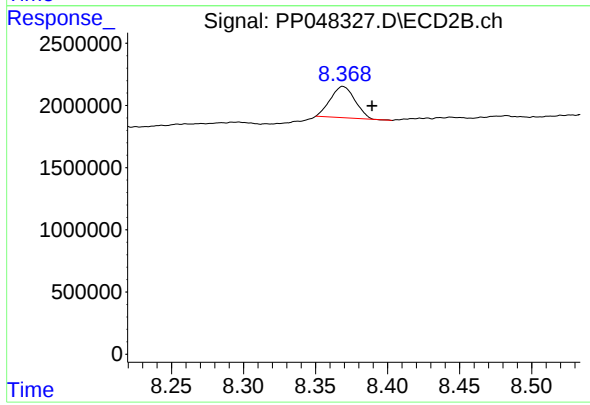
R.T.: 8.053 min
Delta R.T.: -0.017 min
Response: 11696888
Conc: 142.38 ng/ml



#45 AR-1268-5

R.T.: 10.020 min
Delta R.T.: -0.005 min
Response: 4768624
Conc: 6.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.369 min
Delta R.T.: -0.020 min
Response: 3005648
Conc: 4.96 ng/ml