

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080622\
 Data File : PP050279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 22:24
 Operator : YP\AJ
 Sample : N4031-02
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:42:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Aug 07 23:52:23 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...	4.345	3.591	36404924	68052762	22.617	21.727
2)	SA Decachlor...	10.089	8.554	34022928	28330013	19.321	18.407
Target Compounds							
3)	L1 AR-1016-1	0.000	4.675	0	402894	N.D.	3.964 #
4)	L1 AR-1016-2	0.000	4.675	0	402894	N.D.	2.785 #
5)	L1 AR-1016-3	0.000	4.854	0	440374	N.D.	5.803 #
6)	L1 AR-1016-4	0.000	4.898	0	8684334	N.D.	149.046 #
7)	L1 AR-1016-5	0.000	5.109	0	1908143	N.D.	24.974 #
8)	L2 AR-1221-1	0.000	3.794	0	466769	N.D.	12.212 #
9)	L2 AR-1221-2	0.000	3.887	0	1277935	N.D.	44.753 #
12)	L3 AR-1232-2	0.000	4.675	0	402894	N.D.	6.267 #
13)	L3 AR-1232-3	0.000	4.854	0	440374	N.D.	13.130 #
14)	L3 AR-1232-4	0.000	4.938	0	3543165	N.D.	120.271 #
15)	L3 AR-1232-5	5.794	5.109	4920017	1908143	314.707	57.944 #
16)	L4 AR-1242-1	0.000	4.675	0	402894	N.D.	4.860 #
17)	L4 AR-1242-2	0.000	4.675	0	402894	N.D.	3.450 #
18)	L4 AR-1242-3	0.000	4.854	0	440374	N.D.	7.181 #
19)	L4 AR-1242-4	0.000	4.938	0	3543165	N.D.	60.526 #
20)	L4 AR-1242-5	6.448	5.459	5175814	41832332	122.646	601.819 #
21)	L5 AR-1248-1	0.000	4.675	0	402894	N.D.	6.028 #
22)	L5 AR-1248-2	5.794	4.898	4920017	8684334	88.068	100.531
23)	L5 AR-1248-3	0.000	4.938	0	3543165	N.D.	39.084 #
24)	L5 AR-1248-4	6.409	5.109	12322239	1908143	155.774	18.104 #
25)	L5 AR-1248-5	6.448	5.498	5175814	2769197	68.180	27.890 #
26)	L6 AR-1254-1	6.377	5.459	25892249	41832332	373.486	316.567
27)	L6 AR-1254-2	6.595	5.606	55433966	69523712	525.693	637.986
28)	L6 AR-1254-3	6.967	6.008	87226412	124.6E6	768.903	782.738
29)	L6 AR-1254-4	7.254	6.235	80946218	80660170	888.267	829.616
30)	L6 AR-1254-5	7.698f	6.650	607.2E6	598.2E6	6423.761	4853.221
31)	L7 AR-1260-1	7.128	6.136	65673602	69764556	719.068	615.657
32)	L7 AR-1260-2	7.385	6.323	105.1E6	86971385	920.116	647.396 #
33)	L7 AR-1260-3	0.000	6.476	0	63941177	N.D.	530.790 #
34)	L7 AR-1260-4	7.966	6.945	63162356	15957038	663.560	180.004 #
35)	L7 AR-1260-5	8.292	7.186	29696130	23448802	158.863	120.287
37)	L8 AR-1262-2	8.292	6.945	29696130	15957038	137.438	146.852
38)	L8 AR-1262-3	8.622f	7.469	21433254	1378709	218.115	18.998 #
39)	L8 AR-1262-4	8.668f	7.532	7364444	22644347	114.554	164.241 #
40)	L8 AR-1262-5	9.349	8.026	1278112	3250037	16.192	50.462 #
41)	L9 AR-1268-1	8.622f	7.469	21433254	1378709	84.414	6.274 #
42)	L9 AR-1268-2	8.668f	7.532	7364444	22644347	30.191	113.692 #
43)	L9 AR-1268-3	0.000	7.737	0	328277	N.D.	1.939 #
44)	L9 AR-1268-4	9.349	8.026	1278112	3250037	14.829	45.742 #

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	9.783f	8.307	9765852	2287742	14.643	4.155 #

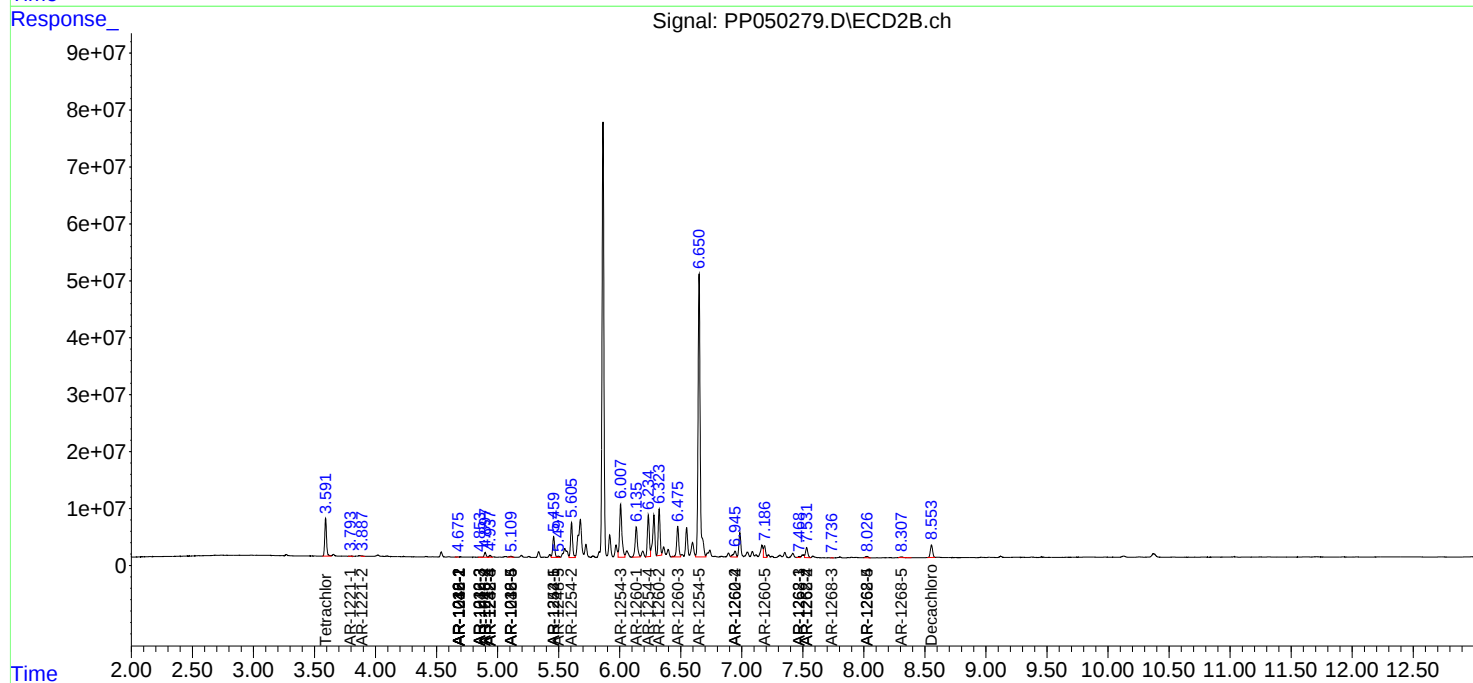
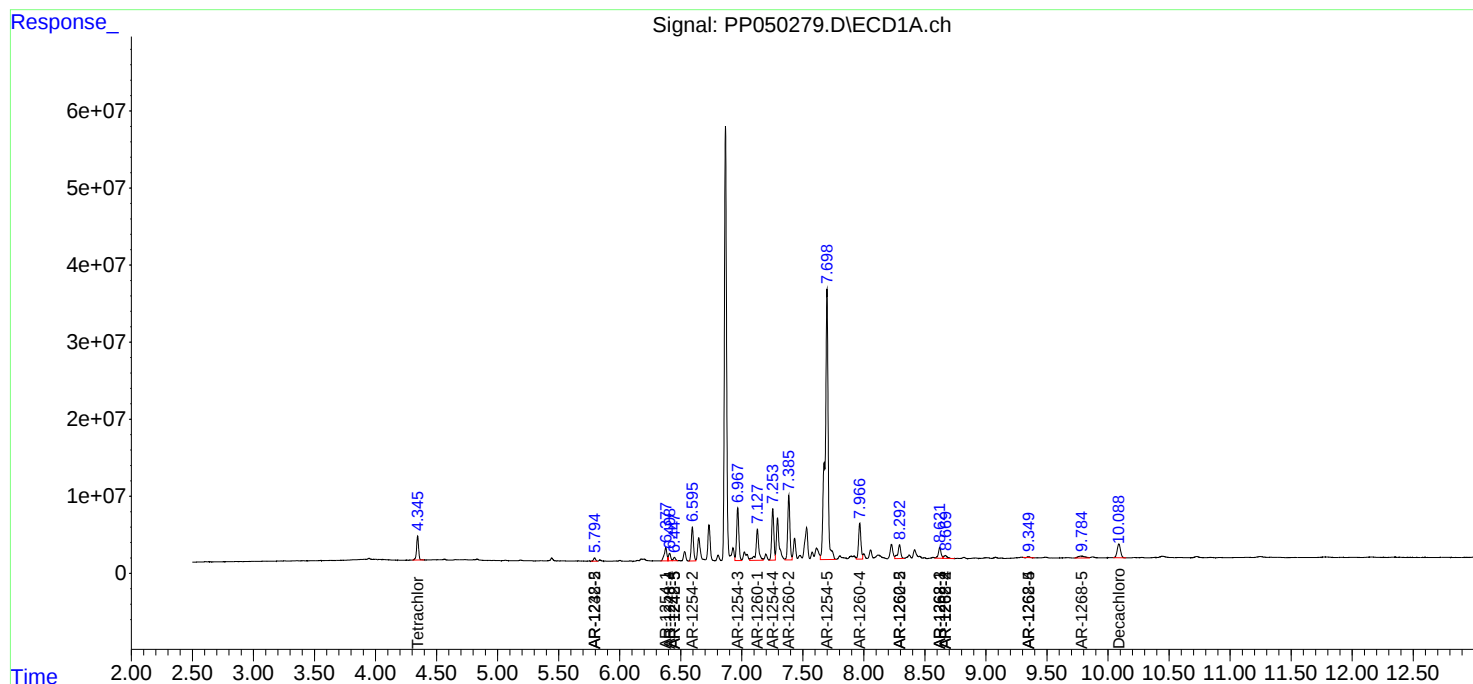
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

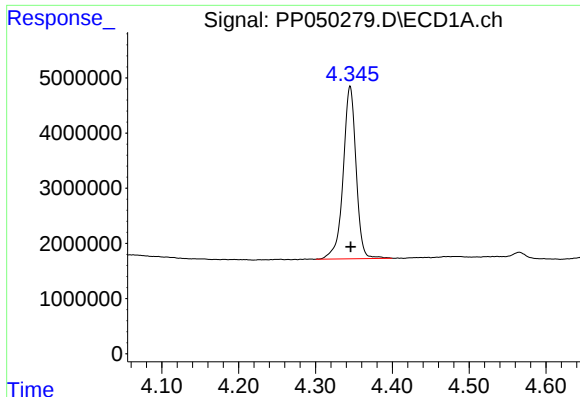
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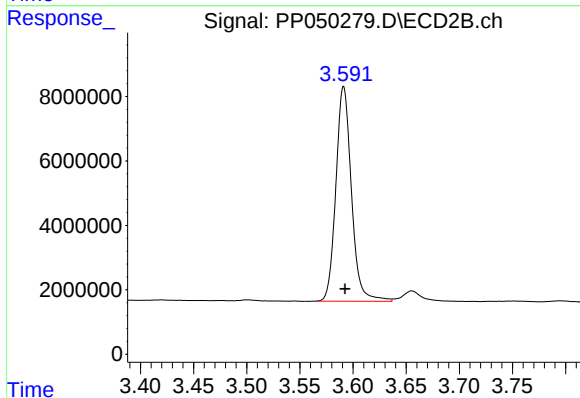




#1 Tetrachloro-m-xylene

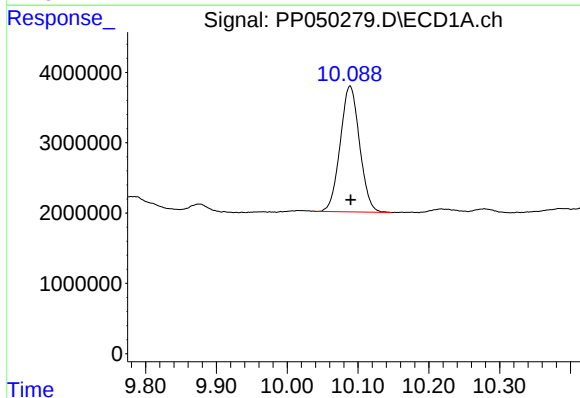
R.T.: 4.345 min
Delta R.T.: -0.001 min
Response: 36404924
Conc: 22.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



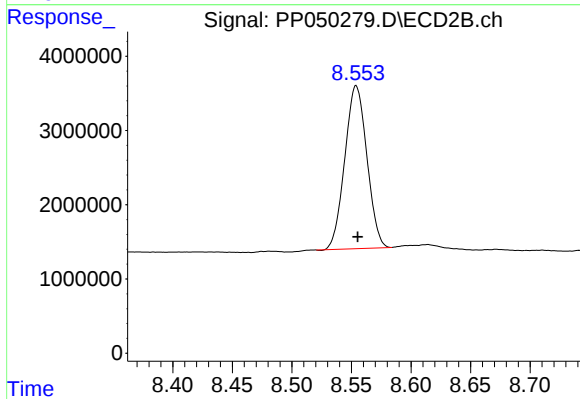
#1 Tetrachloro-m-xylene

R.T.: 3.591 min
Delta R.T.: -0.002 min
Response: 68052762
Conc: 21.73 ng/ml



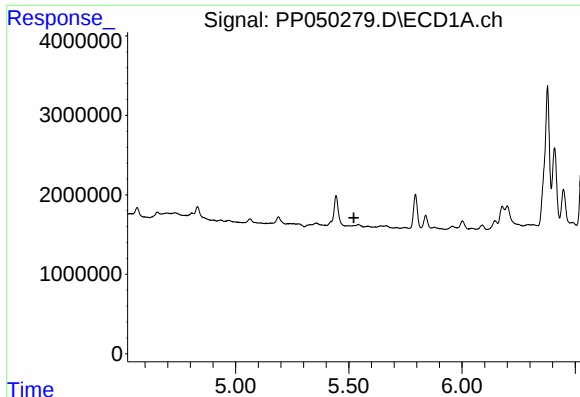
#2 Decachlorobiphenyl

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 34022928
Conc: 19.32 ng/ml



#2 Decachlorobiphenyl

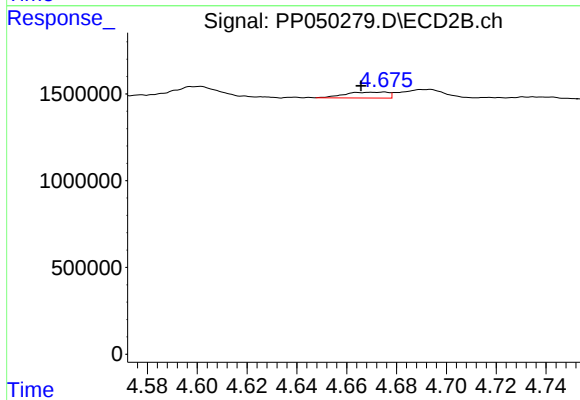
R.T.: 8.554 min
Delta R.T.: -0.001 min
Response: 28330013
Conc: 18.41 ng/ml



#3 AR-1016-1

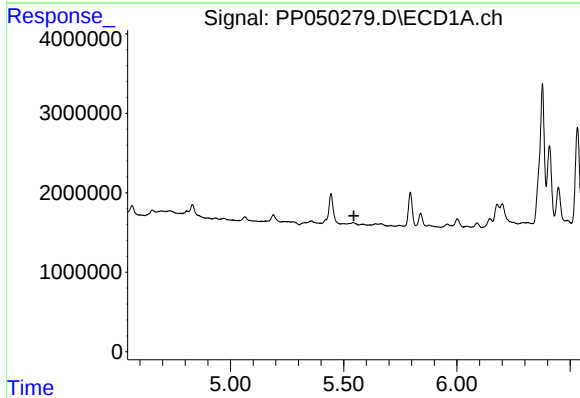
R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



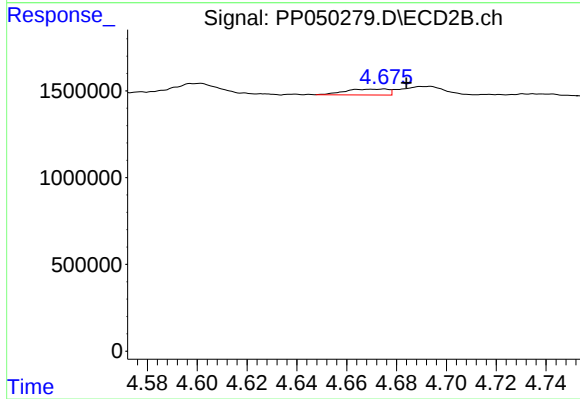
#3 AR-1016-1

R.T.: 4.675 min
Delta R.T.: 0.009 min
Response: 402894
Conc: 3.96 ng/ml



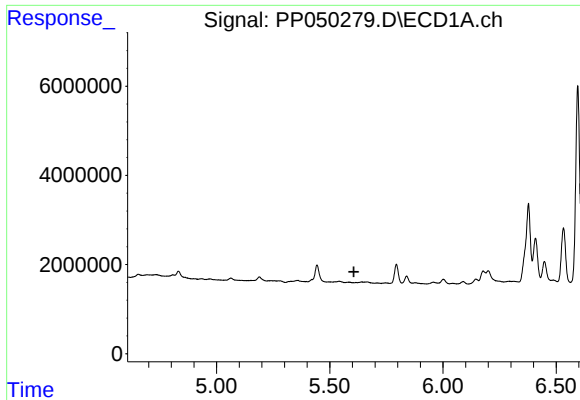
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

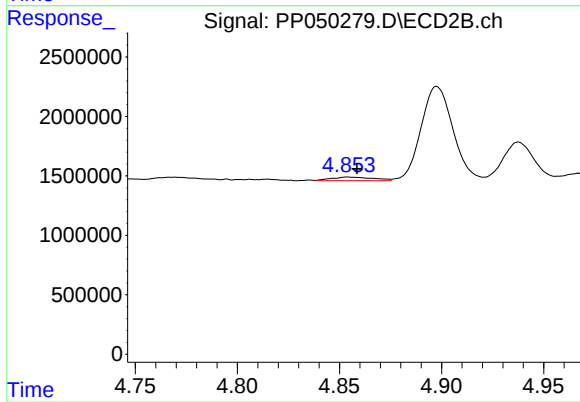
R.T.: 4.675 min
Delta R.T.: -0.009 min
Response: 402894
Conc: 2.79 ng/ml



#5 AR-1016-3

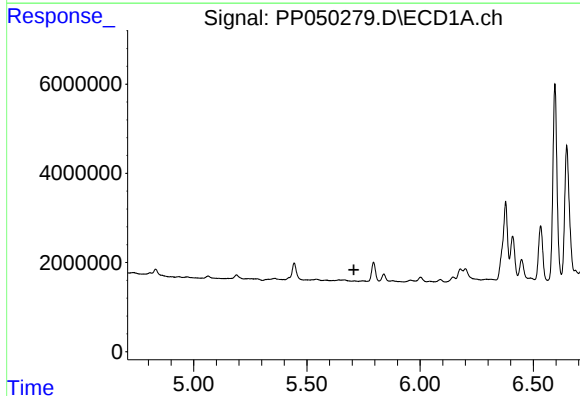
R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



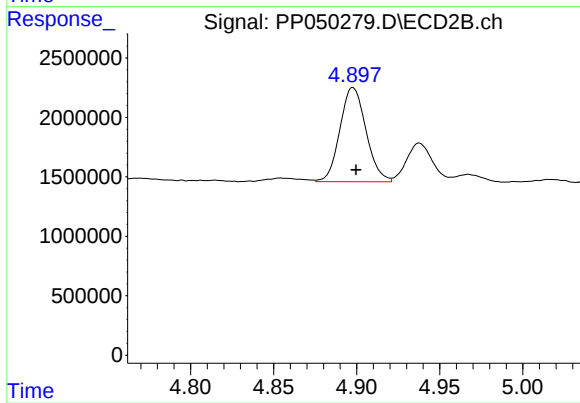
#5 AR-1016-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 440374
Conc: 5.80 ng/ml



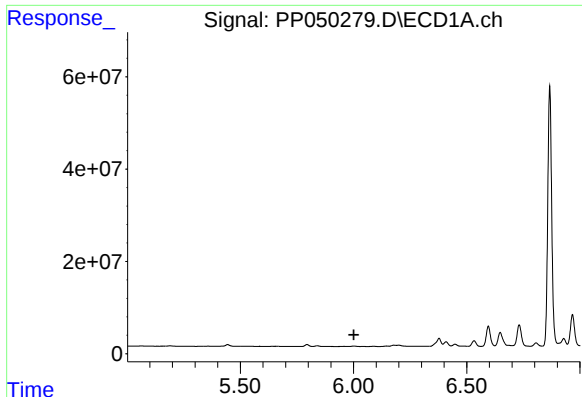
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.



#6 AR-1016-4

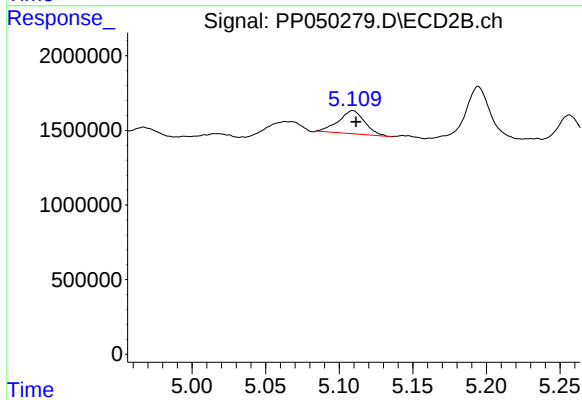
R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 8684334
Conc: 149.05 ng/ml



#7 AR-1016-5

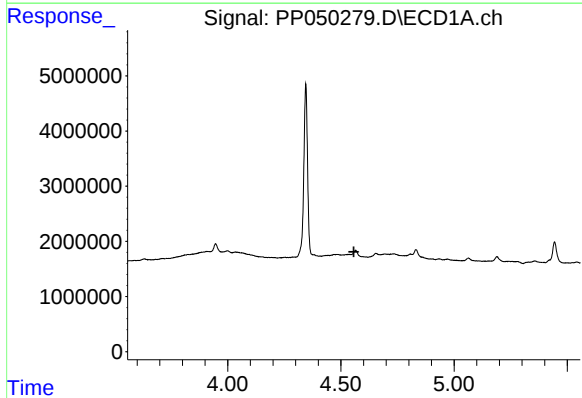
R.T.: 0.000 min
Exp R.T.: 6.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



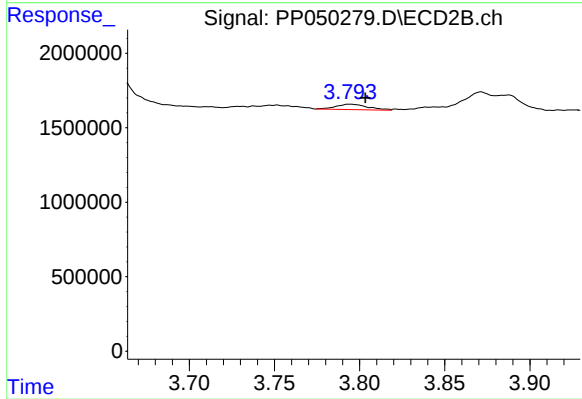
#7 AR-1016-5

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 1908143
Conc: 24.97 ng/ml



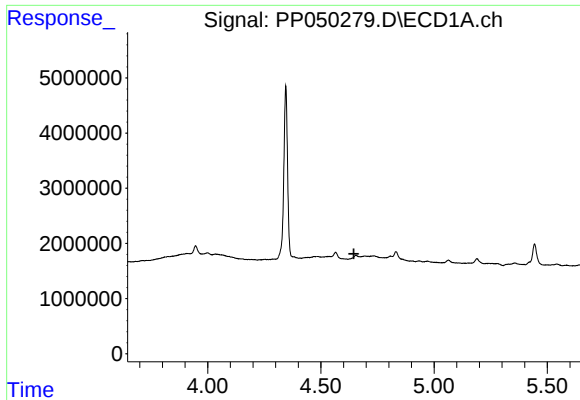
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.558 min
Response: 0
Conc: N.D.



#8 AR-1221-1

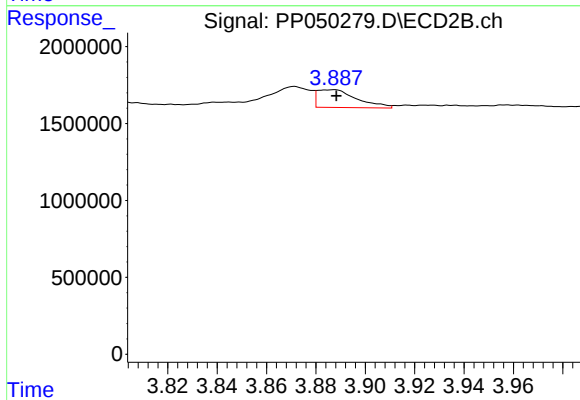
R.T.: 3.794 min
Delta R.T.: -0.010 min
Response: 466769
Conc: 12.21 ng/ml



#9 AR-1221-2

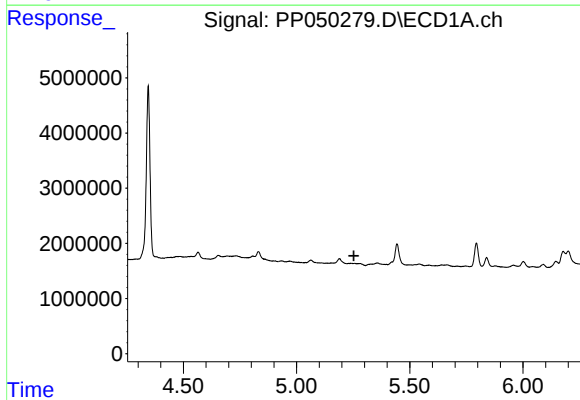
R.T.: 0.000 min
Exp R.T. : 4.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



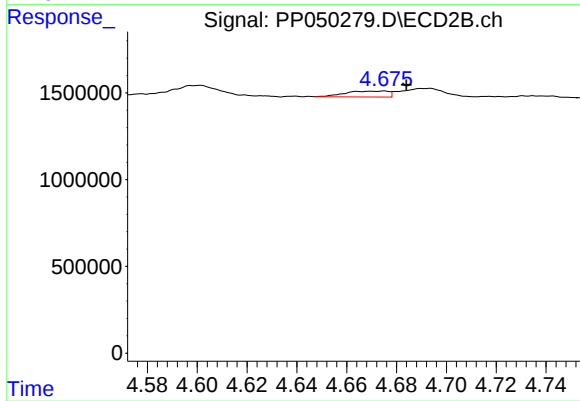
#9 AR-1221-2

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 1277935
Conc: 44.75 ng/ml



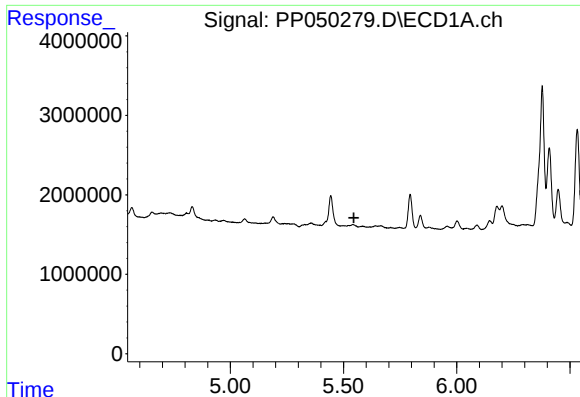
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.254 min
Response: 0
Conc: N.D.



#12 AR-1232-2

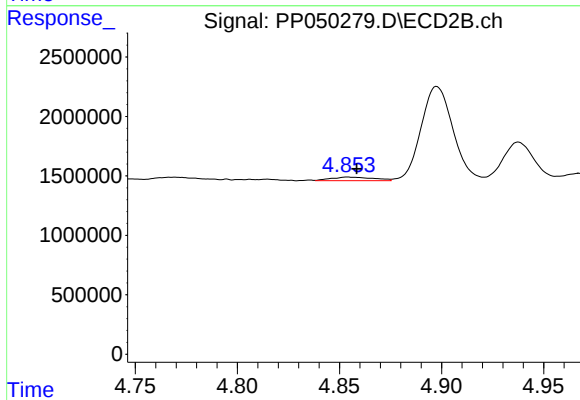
R.T.: 4.675 min
Delta R.T.: -0.009 min
Response: 402894
Conc: 6.27 ng/ml



#13 AR-1232-3

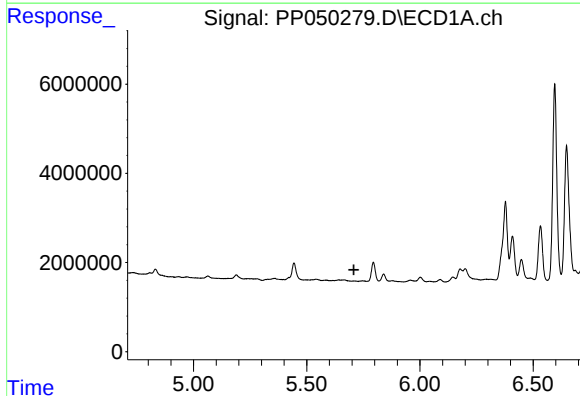
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



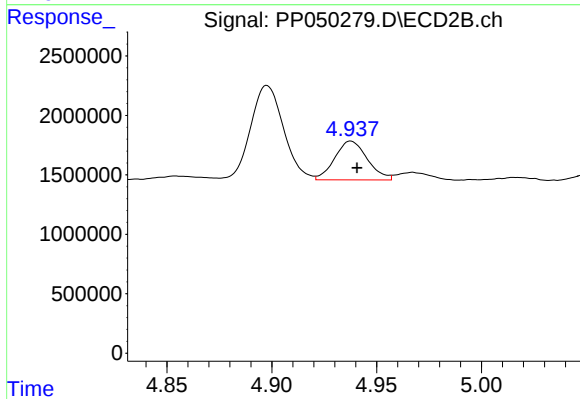
#13 AR-1232-3

R.T.: 4.854 min
Delta R.T.: -0.005 min
Response: 440374
Conc: 13.13 ng/ml



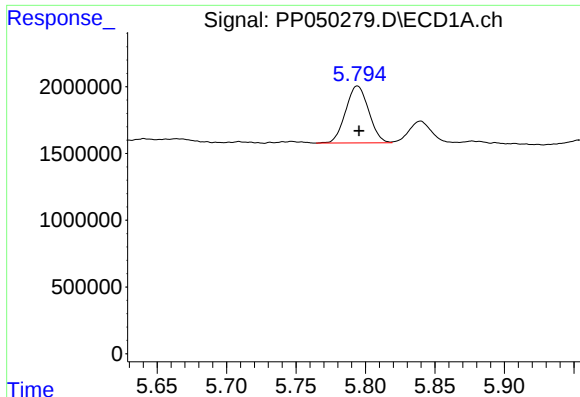
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

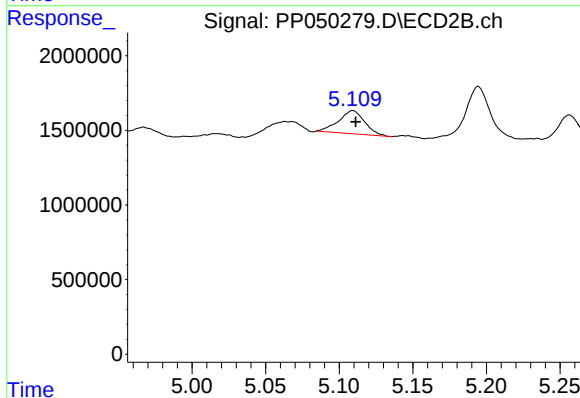
R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 3543165
Conc: 120.27 ng/ml



#15 AR-1232-5

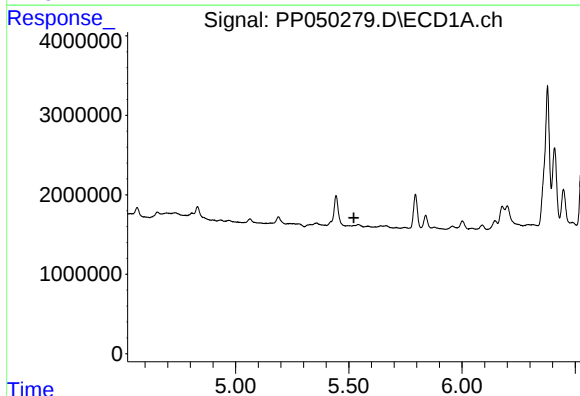
R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 4920017
Conc: 314.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



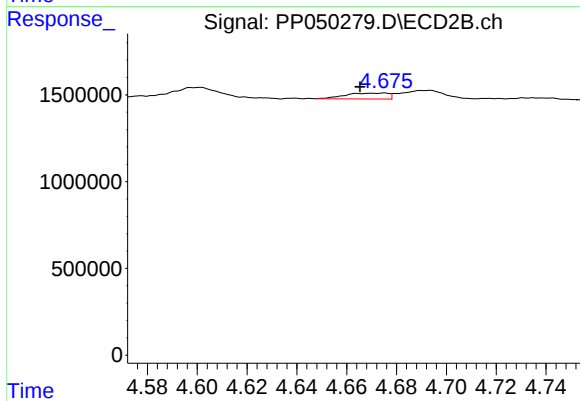
#15 AR-1232-5

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 1908143
Conc: 57.94 ng/ml



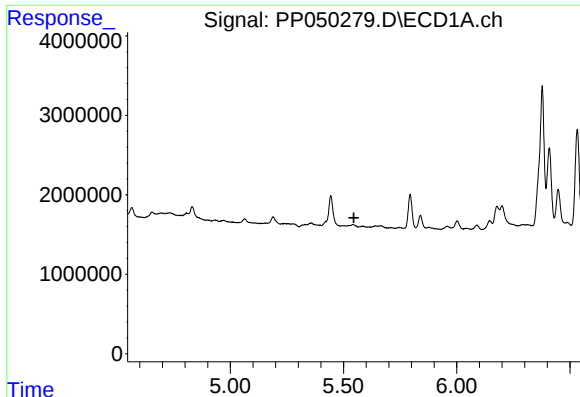
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.523 min
Response: 0
Conc: N.D.



#16 AR-1242-1

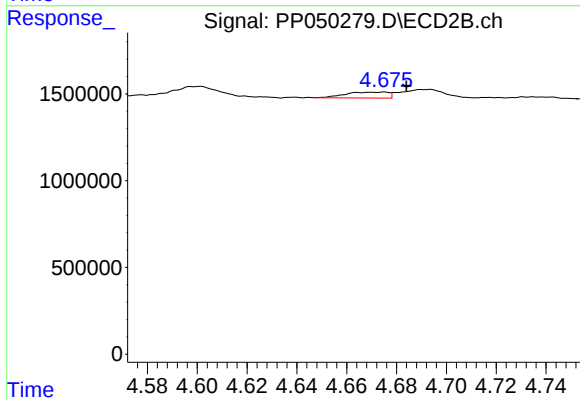
R.T.: 4.675 min
Delta R.T.: 0.010 min
Response: 402894
Conc: 4.86 ng/ml



#17 AR-1242-2

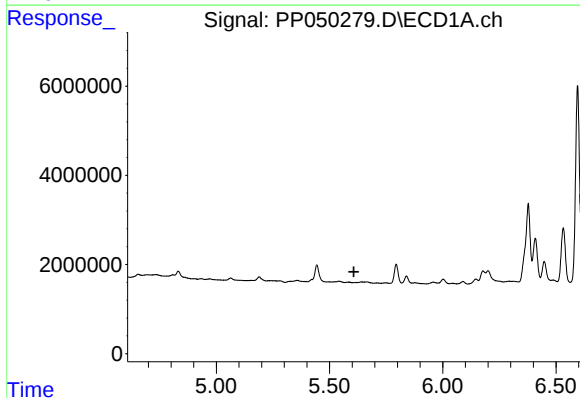
R.T.: 0.000 min
Exp R.T.: 5.546 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



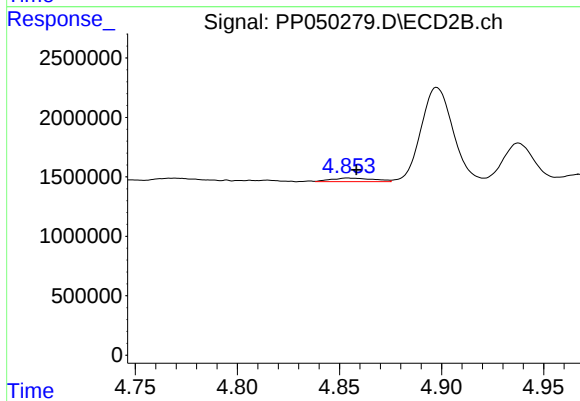
#17 AR-1242-2

R.T.: 4.675 min
Delta R.T.: -0.009 min
Response: 402894
Conc: 3.45 ng/ml



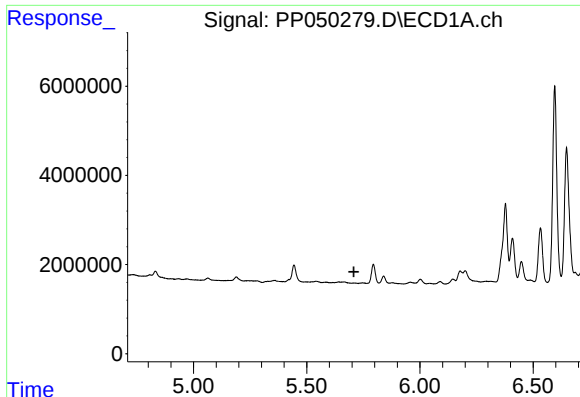
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.607 min
Response: 0
Conc: N.D.



#18 AR-1242-3

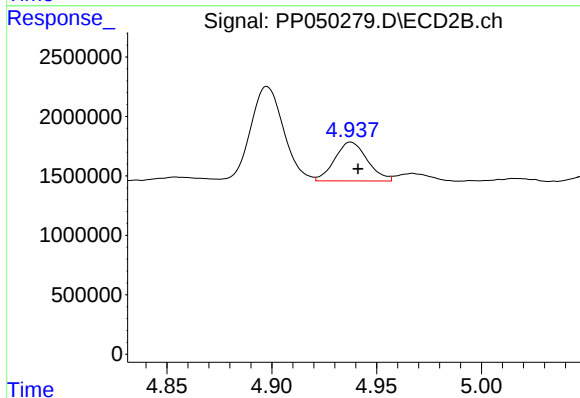
R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 440374
Conc: 7.18 ng/ml



#19 AR-1242-4

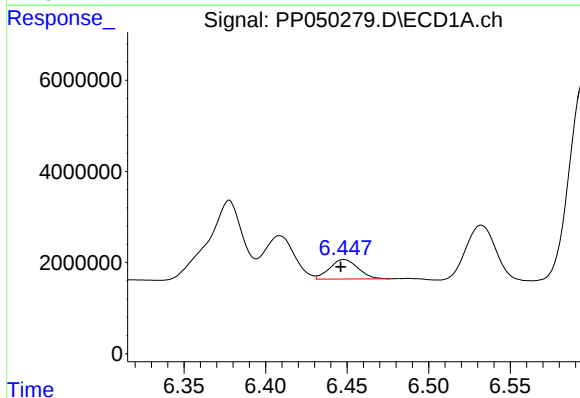
R.T.: 0.000 min
Exp R.T.: 5.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



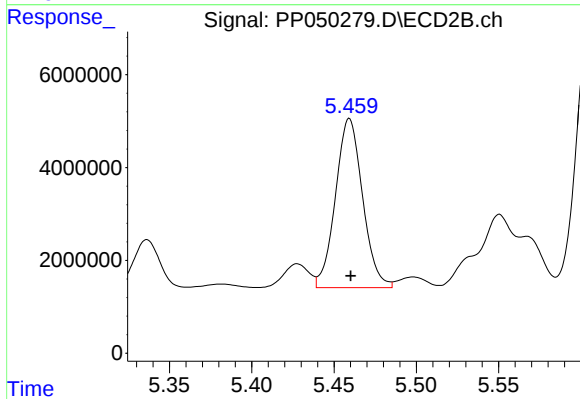
#19 AR-1242-4

R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 3543165
Conc: 60.53 ng/ml



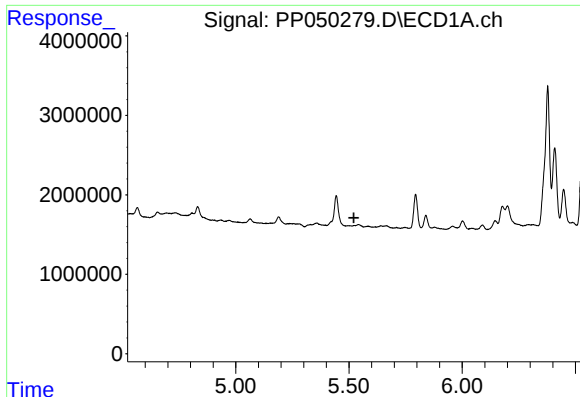
#20 AR-1242-5

R.T.: 6.448 min
Delta R.T.: 0.002 min
Response: 5175814
Conc: 122.65 ng/ml



#20 AR-1242-5

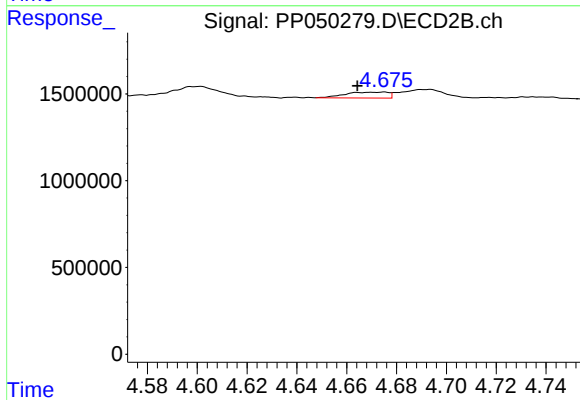
R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 41832332
Conc: 601.82 ng/ml



#21 AR-1248-1

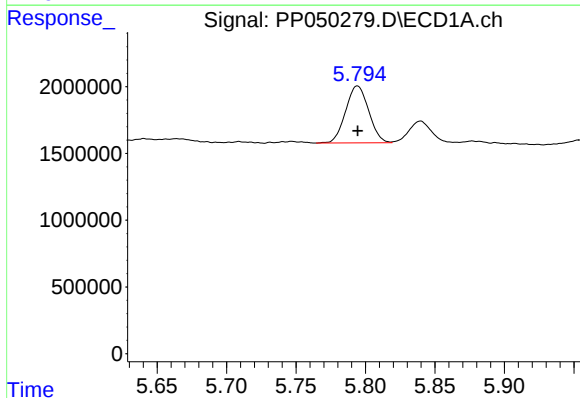
R.T.: 0.000 min
Exp R.T.: 5.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



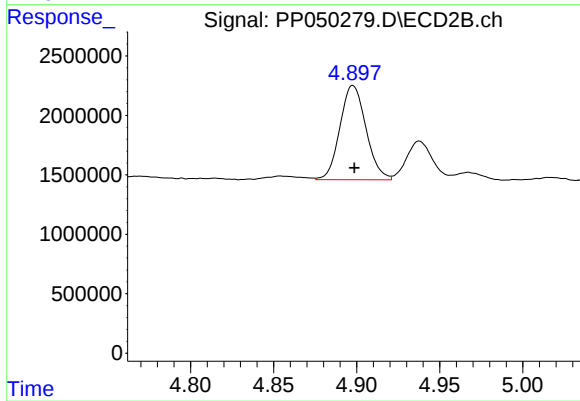
#21 AR-1248-1

R.T.: 4.675 min
Delta R.T.: 0.011 min
Response: 402894
Conc: 6.03 ng/ml



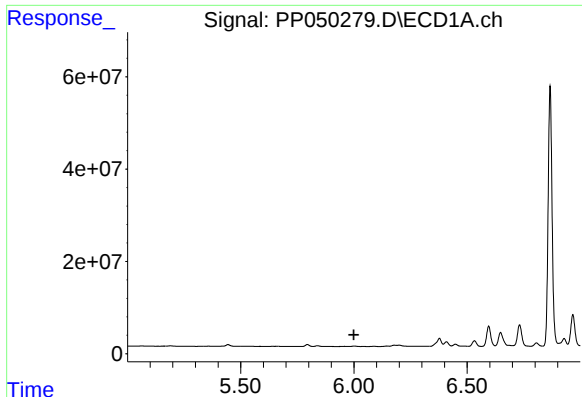
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 4920017
Conc: 88.07 ng/ml



#22 AR-1248-2

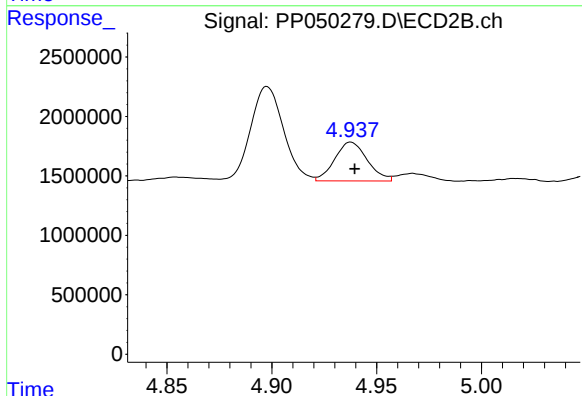
R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 8684334
Conc: 100.53 ng/ml



#23 AR-1248-3

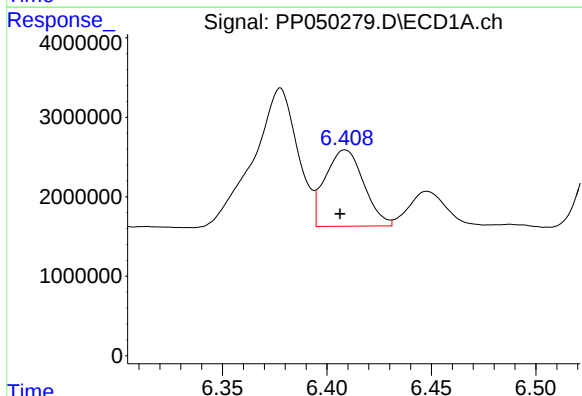
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



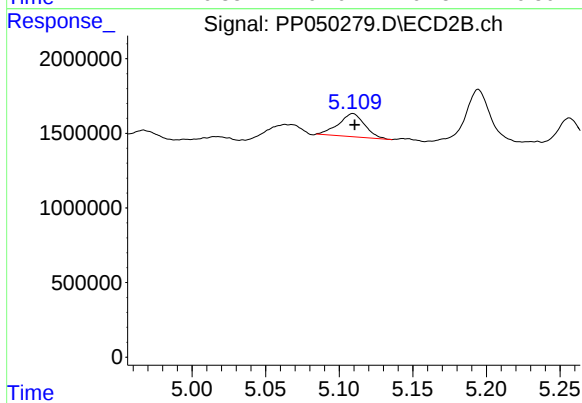
#23 AR-1248-3

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 3543165
Conc: 39.08 ng/ml



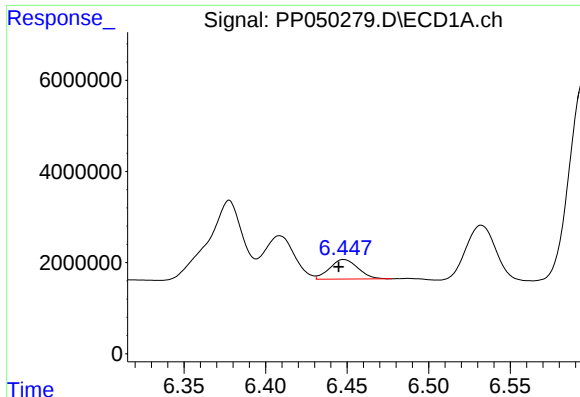
#24 AR-1248-4

R.T.: 6.409 min
Delta R.T.: 0.002 min
Response: 12322239
Conc: 155.77 ng/ml



#24 AR-1248-4

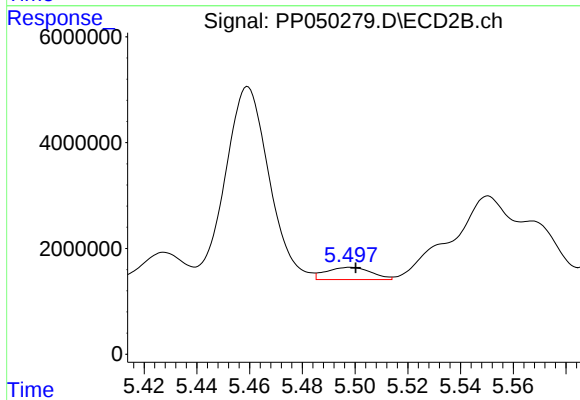
R.T.: 5.109 min
Delta R.T.: -0.001 min
Response: 1908143
Conc: 18.10 ng/ml



#25 AR-1248-5

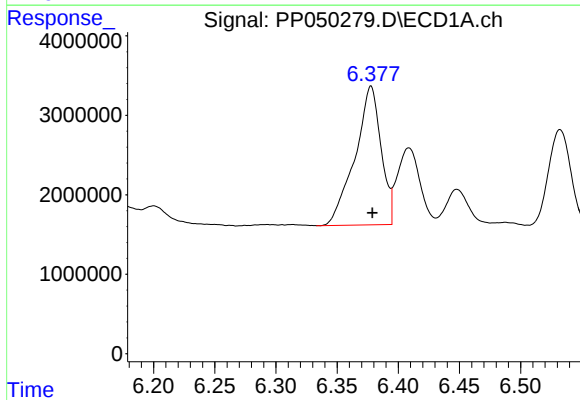
R.T.: 6.448 min
Delta R.T.: 0.003 min
Response: 5175814
Conc: 68.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



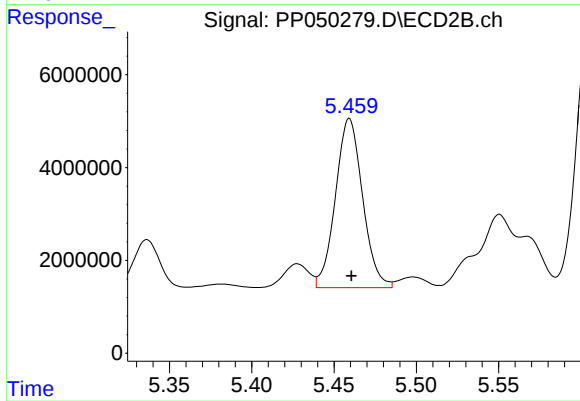
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: -0.002 min
Response: 2769197
Conc: 27.89 ng/ml



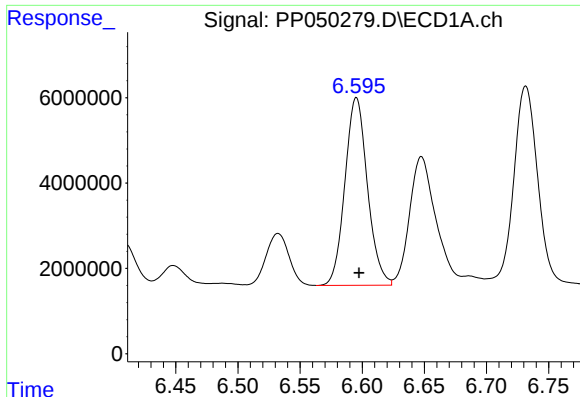
#26 AR-1254-1

R.T.: 6.377 min
Delta R.T.: -0.001 min
Response: 25892249
Conc: 373.49 ng/ml



#26 AR-1254-1

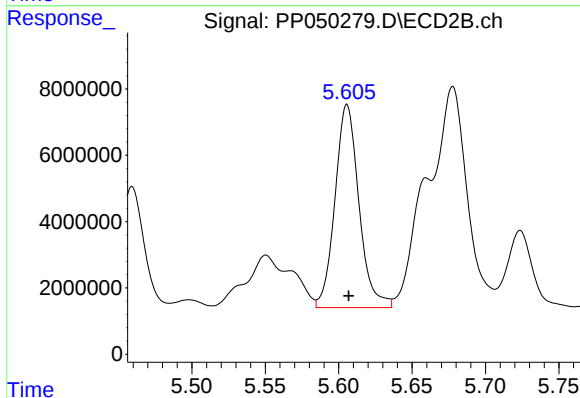
R.T.: 5.459 min
Delta R.T.: -0.001 min
Response: 41832332
Conc: 316.57 ng/ml



#27 AR-1254-2

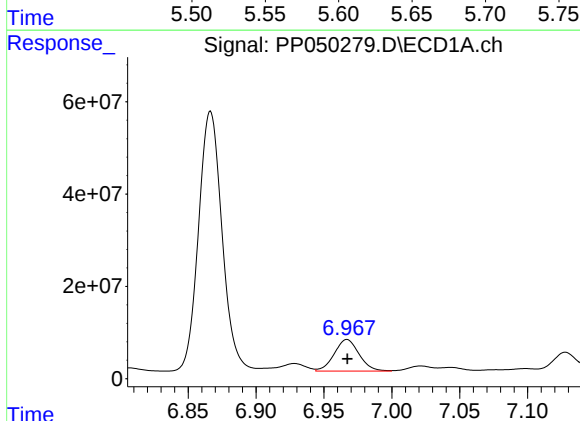
R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 55433966
Conc: 525.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



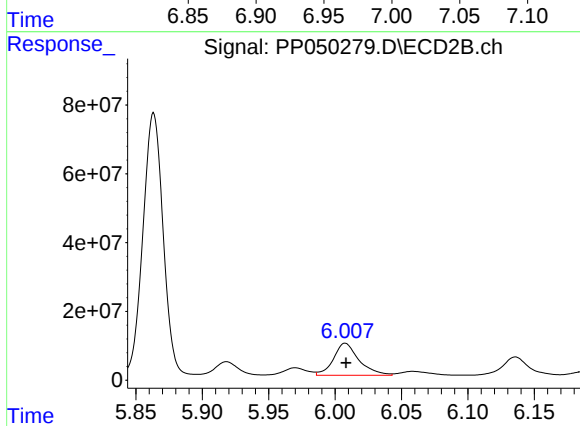
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.001 min
Response: 69523712
Conc: 637.99 ng/ml



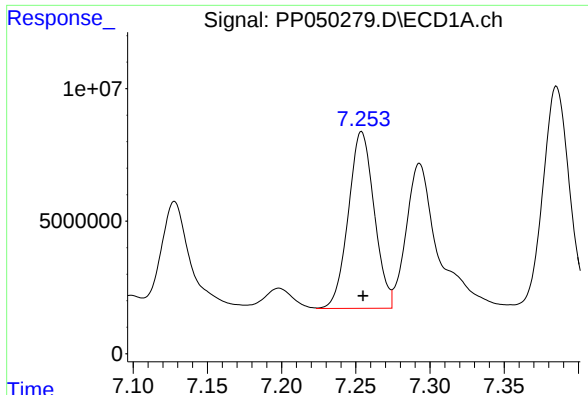
#28 AR-1254-3

R.T.: 6.967 min
Delta R.T.: 0.000 min
Response: 87226412
Conc: 768.90 ng/ml



#28 AR-1254-3

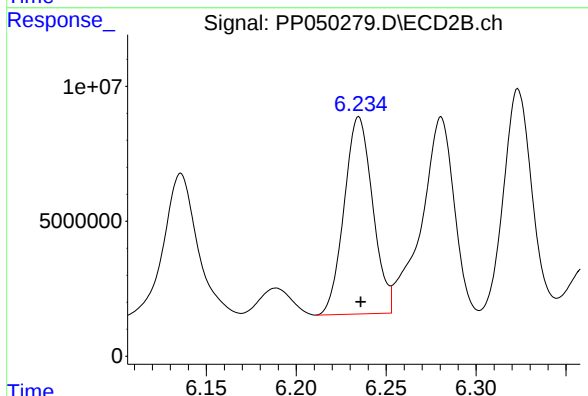
R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 124578201
Conc: 782.74 ng/ml



#29 AR-1254-4

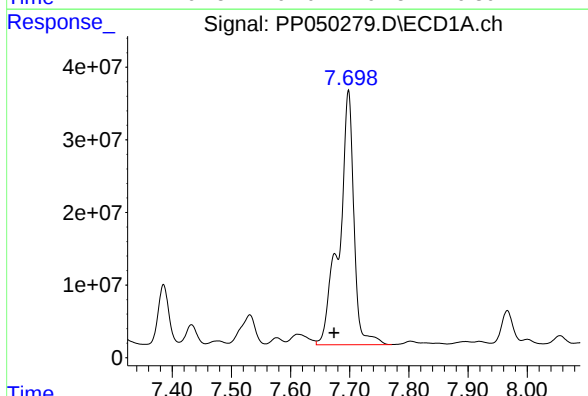
R.T.: 7.254 min
Delta R.T.: 0.000 min
Response: 80946218
Conc: 888.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



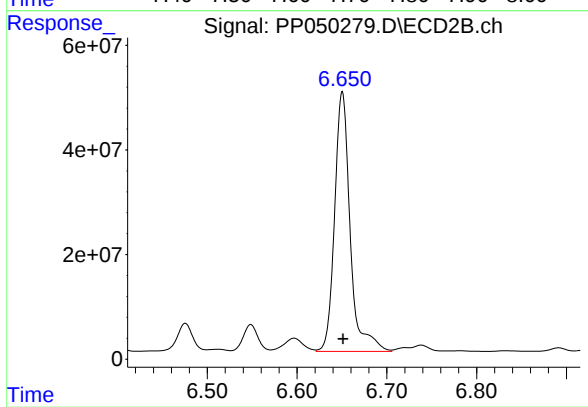
#29 AR-1254-4

R.T.: 6.235 min
Delta R.T.: -0.001 min
Response: 80660170
Conc: 829.62 ng/ml



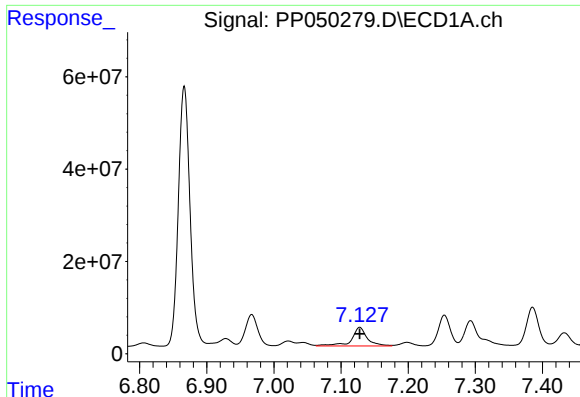
#30 AR-1254-5

R.T.: 7.698 min
Delta R.T.: 0.024 min
Response: 607162823
Conc: 6423.76 ng/ml



#30 AR-1254-5

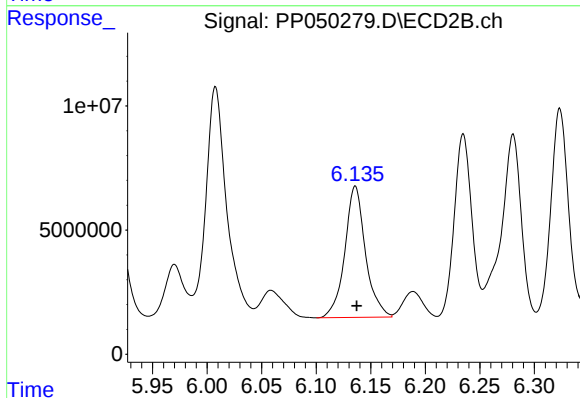
R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 598216063
Conc: 4853.22 ng/ml



#31 AR-1260-1

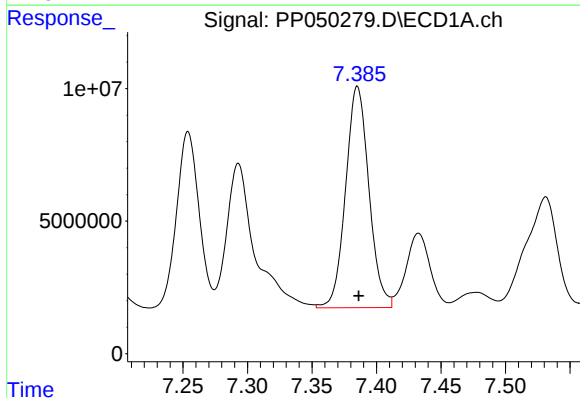
R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 65673602
Conc: 719.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



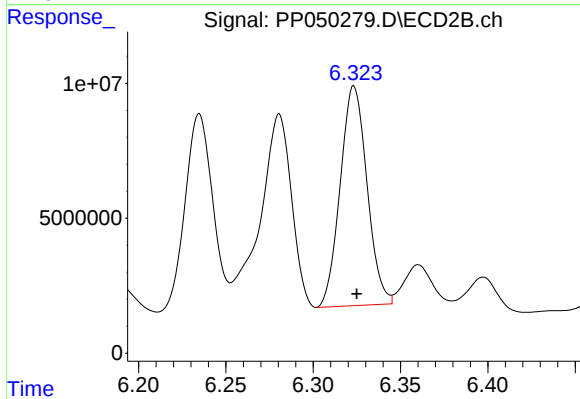
#31 AR-1260-1

R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 69764556
Conc: 615.66 ng/ml



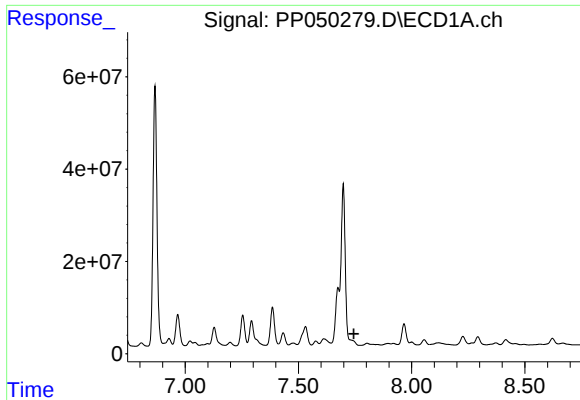
#32 AR-1260-2

R.T.: 7.385 min
Delta R.T.: 0.000 min
Response: 105123016
Conc: 920.12 ng/ml



#32 AR-1260-2

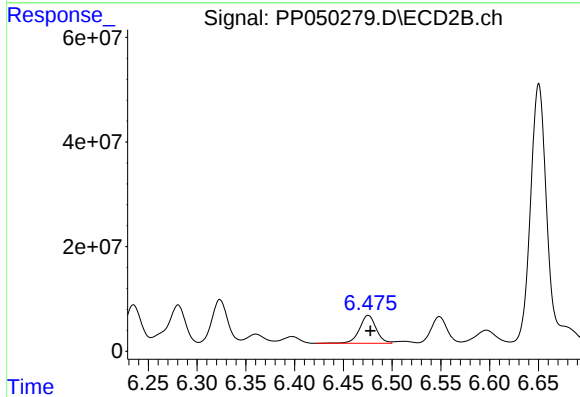
R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 86971385
Conc: 647.40 ng/ml



#33 AR-1260-3

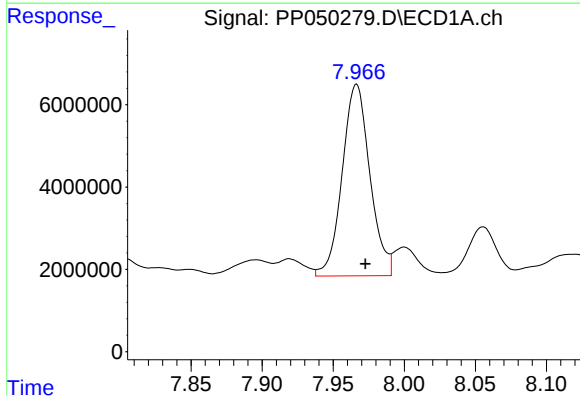
R.T.: 0.000 min
Exp R.T.: 7.745 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



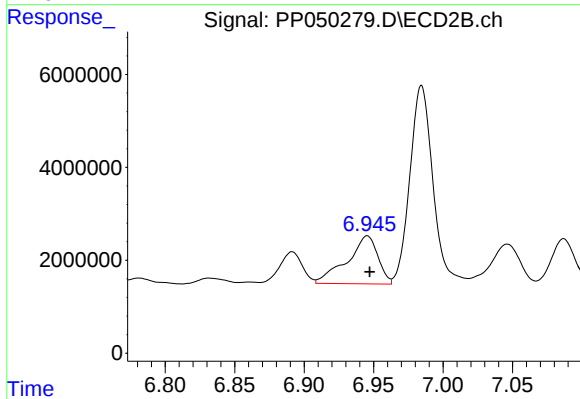
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: -0.002 min
Response: 63941177
Conc: 530.79 ng/ml



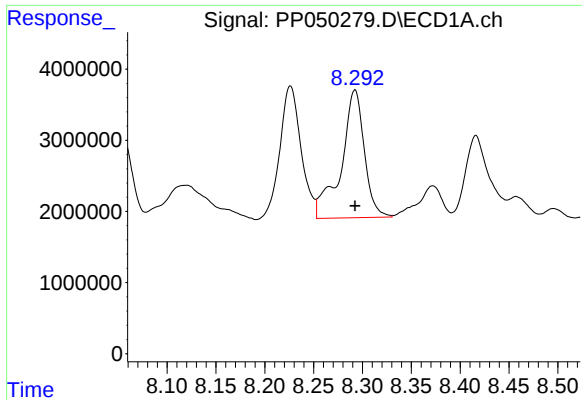
#34 AR-1260-4

R.T.: 7.966 min
Delta R.T.: -0.006 min
Response: 63162356
Conc: 663.56 ng/ml



#34 AR-1260-4

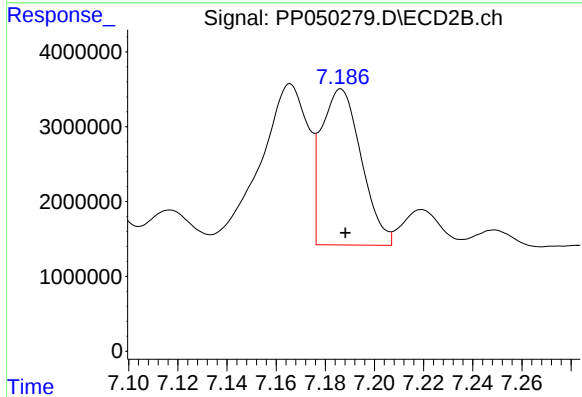
R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 15957038
Conc: 180.00 ng/ml



#35 AR-1260-5

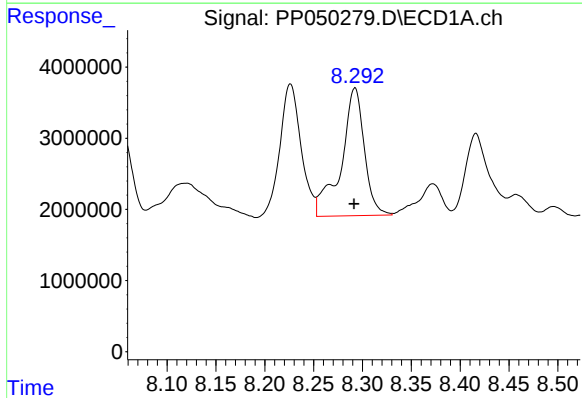
R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 29696130
Conc: 158.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



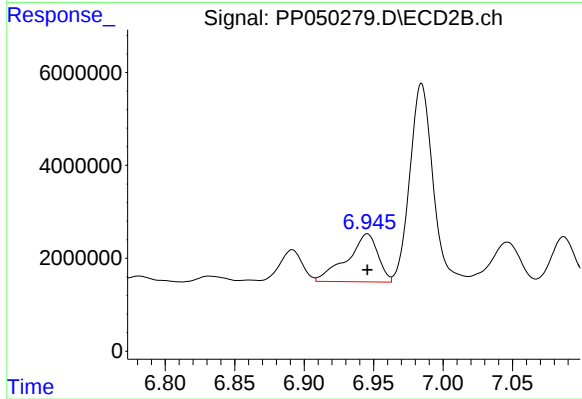
#35 AR-1260-5

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 23448802
Conc: 120.29 ng/ml



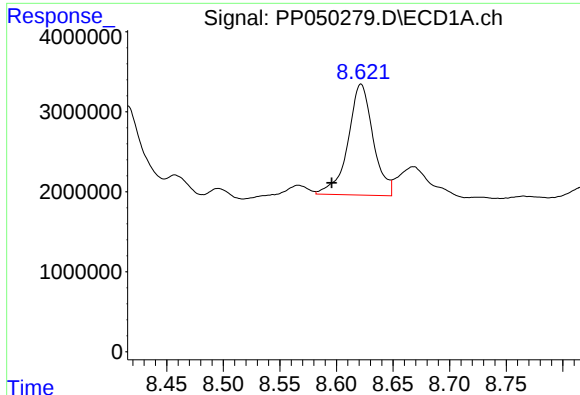
#37 AR-1262-2

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 29696130
Conc: 137.44 ng/ml



#37 AR-1262-2

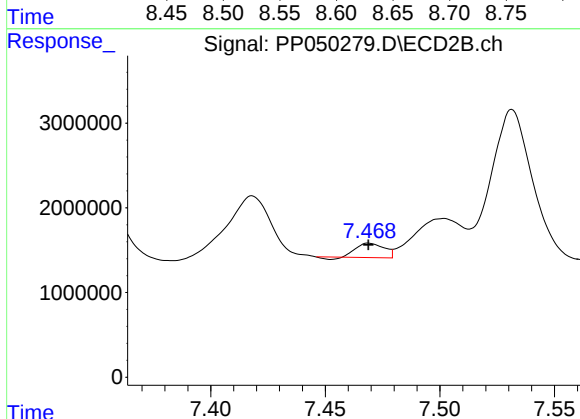
R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 15957038
Conc: 146.85 ng/ml



#38 AR-1262-3

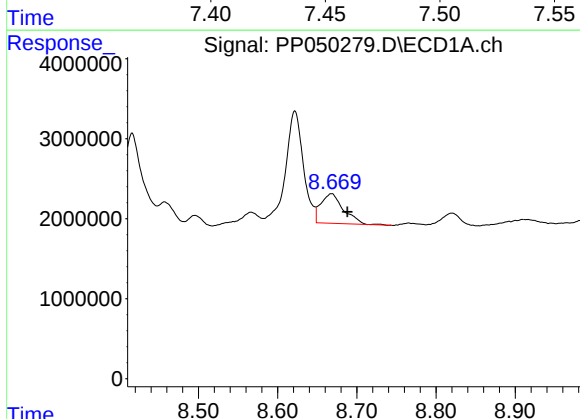
R.T.: 8.622 min
Delta R.T.: 0.026 min
Response: 21433254
Conc: 218.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



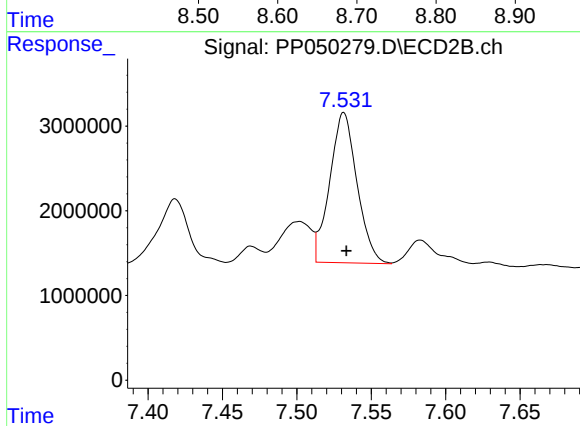
#38 AR-1262-3

R.T.: 7.469 min
Delta R.T.: 0.000 min
Response: 1378709
Conc: 19.00 ng/ml



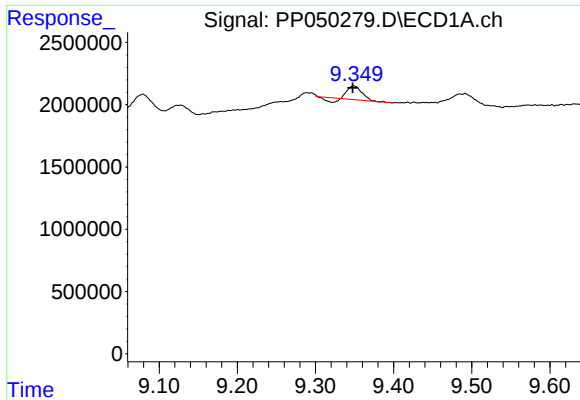
#39 AR-1262-4

R.T.: 8.668 min
Delta R.T.: -0.021 min
Response: 7364444
Conc: 114.55 ng/ml



#39 AR-1262-4

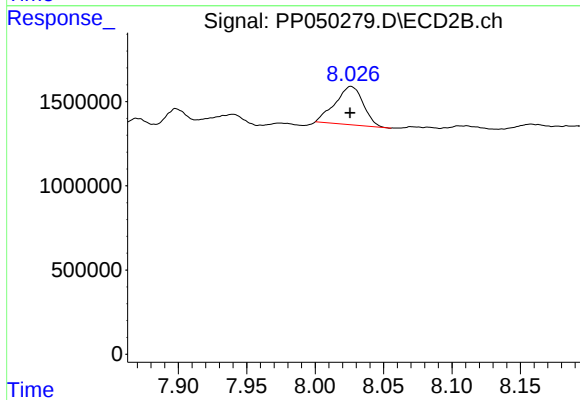
R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 22644347
Conc: 164.24 ng/ml



#40 AR-1262-5

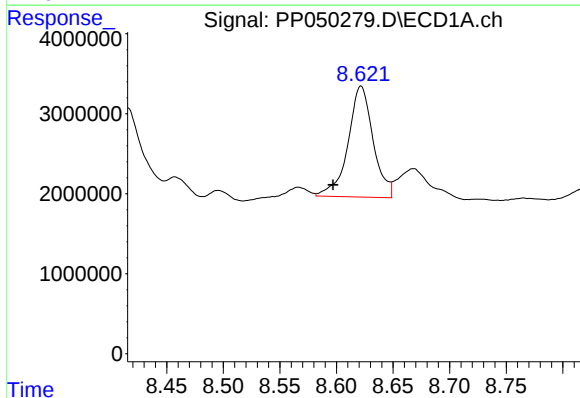
R.T.: 9.349 min
Delta R.T.: 0.001 min
Response: 1278112
Conc: 16.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



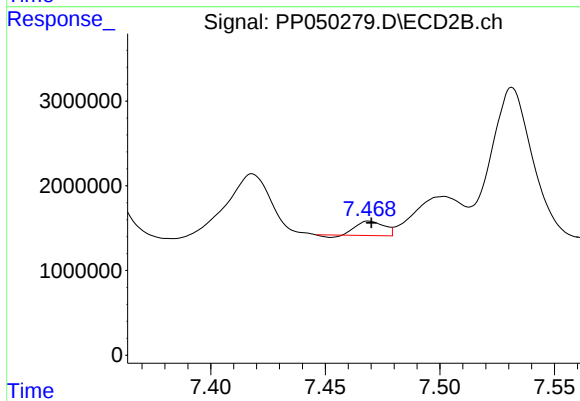
#40 AR-1262-5

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 3250037
Conc: 50.46 ng/ml



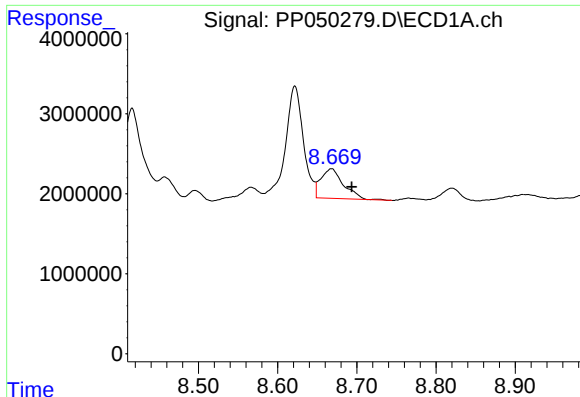
#41 AR-1268-1

R.T.: 8.622 min
Delta R.T.: 0.025 min
Response: 21433254
Conc: 84.41 ng/ml



#41 AR-1268-1

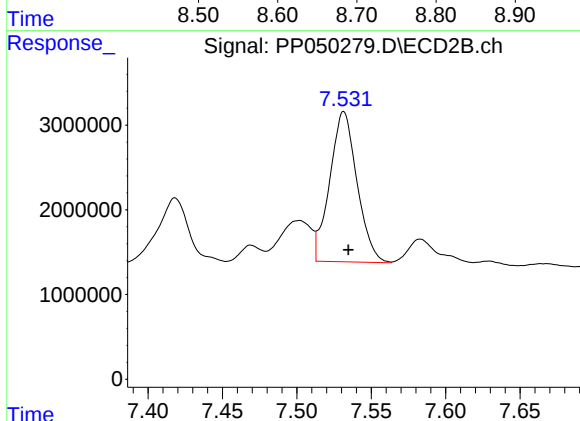
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 1378709
Conc: 6.27 ng/ml



#42 AR-1268-2

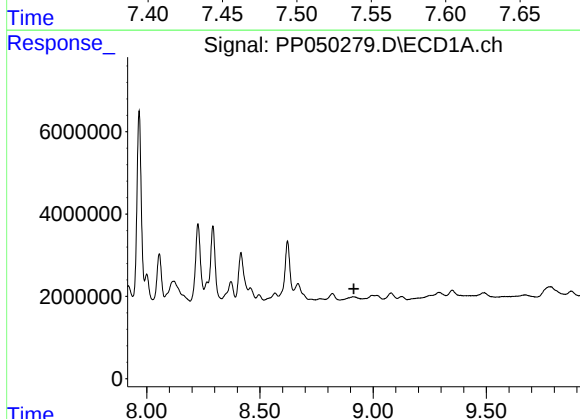
R.T.: 8.668 min
Delta R.T.: -0.026 min
Response: 7364444
Conc: 30.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



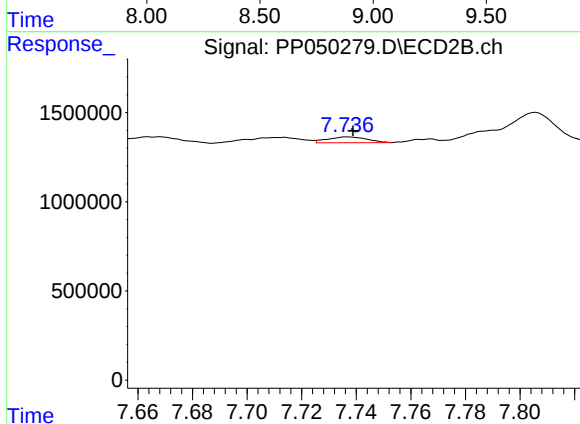
#42 AR-1268-2

R.T.: 7.532 min
Delta R.T.: -0.003 min
Response: 22644347
Conc: 113.69 ng/ml



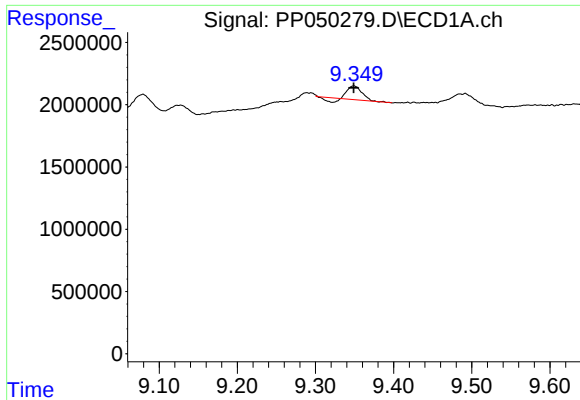
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.915 min
Response: 0
Conc: N.D.



#43 AR-1268-3

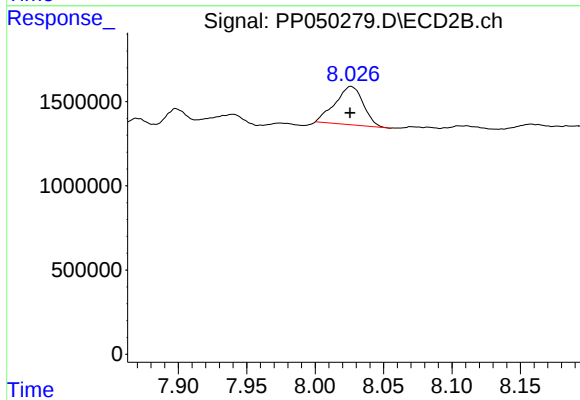
R.T.: 7.737 min
Delta R.T.: -0.002 min
Response: 328277
Conc: 1.94 ng/ml



#44 AR-1268-4

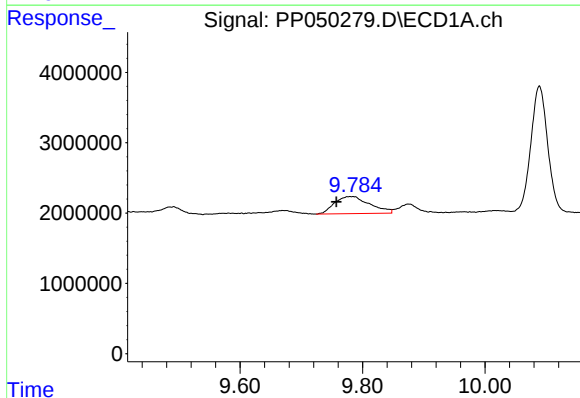
R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 1278112
Conc: 14.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



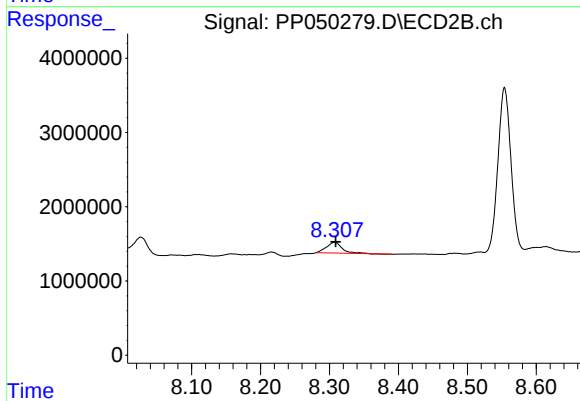
#44 AR-1268-4

R.T.: 8.026 min
Delta R.T.: 0.000 min
Response: 3250037
Conc: 45.74 ng/ml



#45 AR-1268-5

R.T.: 9.783 min
Delta R.T.: 0.025 min
Response: 9765852
Conc: 14.64 ng/ml



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.002 min
Response: 2287742
Conc: 4.16 ng/ml