

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121225\
 Data File : PP077013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2025 08:48
 Operator : YP\AJ
 Sample : Q3530-02
 Misc : AR1268 LOQ 50PPB SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 00:35:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121225.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 21 22:52:01 2025
 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...	4.612	3.769	38051441	37310626	20.731	17.913
2)	SA Decachlor...	10.360	8.758	35999300	34491293	24.021	19.547
Target Compounds							
3)	L1 AR-1016-1	0.000	4.851	0	160035	N.D.	2.129 #
4)	L1 AR-1016-2	0.000	4.851	0	160035	N.D.	1.439 #
5)	L1 AR-1016-3	0.000	5.047	0	71193	N.D.	1.228 #
6)	L1 AR-1016-4	0.000	5.084	0	224298	N.D.	4.798 #
7)	L1 AR-1016-5	0.000	5.293	0	271519	N.D.	4.384 #
8)	L2 AR-1221-1	0.000	3.997	0	109697	N.D.	4.106 #
9)	L2 AR-1221-2	0.000	4.067	0	845974	N.D.	42.316 #
10)	L2 AR-1221-3	0.000	4.142	0	11790	N.D.	0.196 #
11)	L3 AR-1232-1	0.000	4.142	0	11790	N.D.	0.250 #
12)	L3 AR-1232-2	0.000	4.851	0	160035	N.D.	3.470 #
13)	L3 AR-1232-3	0.000	5.047	0	71193	N.D.	2.937 #
14)	L3 AR-1232-4	0.000	5.123	0	67119	N.D.	3.117 #
15)	L3 AR-1232-5	0.000	5.293	0	271519	N.D.	11.536 #
16)	L4 AR-1242-1	0.000	4.851	0	160035	N.D.	2.784 #
17)	L4 AR-1242-2	0.000	4.851	0	160035	N.D.	1.899 #
18)	L4 AR-1242-3	0.000	5.047	0	71193	N.D.	1.617 #
19)	L4 AR-1242-4	0.000	5.123	0	67119	N.D.	1.552 #
20)	L4 AR-1242-5	0.000	5.643	0	824413	N.D.	14.135 #
21)	L5 AR-1248-1	0.000	4.851	0	160035	N.D.	3.631 #
22)	L5 AR-1248-2	0.000	5.084	0	224298	N.D.	3.852 #
23)	L5 AR-1248-3	0.000	5.123	0	67119	N.D.	1.093 #
24)	L5 AR-1248-4	0.000	5.293	0	271519	N.D.	3.710 #
25)	L5 AR-1248-5	0.000	5.730f	0	10953701	N.D.	130.153 #
26)	L6 AR-1254-1	0.000	5.643	0	824413	N.D.	6.972 #
27)	L6 AR-1254-2	0.000	5.787	0	1785634	N.D.	16.515 #
28)	L6 AR-1254-3	0.000	6.189	0	1145400	N.D.	6.976 #
29)	L6 AR-1254-4	0.000	6.417	0	758996	N.D.	7.313 #
30)	L6 AR-1254-5	0.000	6.833	0	943544	N.D.	6.703 #
31)	L7 AR-1260-1	0.000	6.319	0	584320	N.D.	5.356 #
32)	L7 AR-1260-2	0.000	6.505	0	497545	N.D.	3.741 #
33)	L7 AR-1260-3	7.965	6.659	1839128	534222	22.879	4.312 #
34)	L7 AR-1260-4	8.215	7.125	2897891	2665699	30.937	25.662
35)	L7 AR-1260-5	0.000	7.368	0	1987968	N.D.	8.044 #
36)	L8 AR-1262-1	8.215	6.870	2897891	2040741	29.284	15.308 #
37)	L8 AR-1262-2	0.000	7.125	0	2665699	N.D.	22.229 #
38)	L8 AR-1262-3	8.832	7.650	9862591	11064463	78.446	112.312 #
39)	L8 AR-1262-4	8.927	7.714	8964438	10442430	90.351	59.847 #
40)	L8 AR-1262-5	9.587	8.207	3390154	2996182	47.721	37.286
41)	L9 AR-1268-1	8.832	7.650	9862591	11064463	45.890	39.328

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 Misc : AR1268 LOQ 50PPB SOIL
 ALS Vial : 32 Sample Multiplier: 1

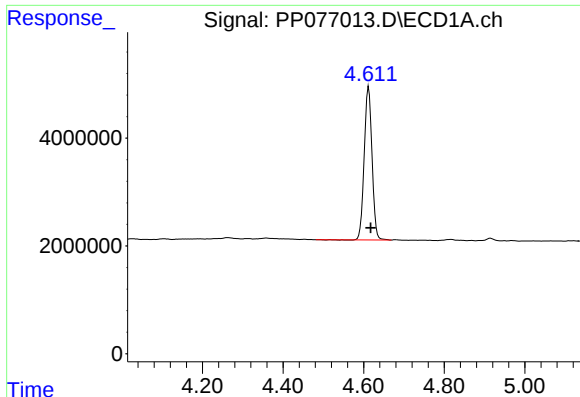
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 00:35:08 2025
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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
42) L9	AR-1268-2	8.927	7.714	8964438	10442430	44.547	41.027
43) L9	AR-1268-3	9.163	7.919	7450217	7389370	44.839	35.798
44) L9	AR-1268-4	9.587	8.207	3390154	2996182	40.699	31.902
45) L9	AR-1268-5	10.011	8.501	22488567	21551397	44.592	33.857

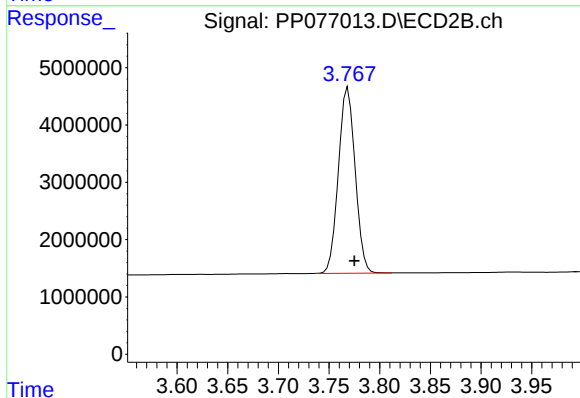
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

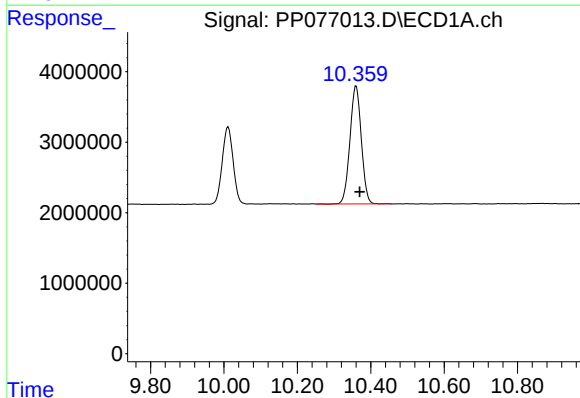
R.T.: 4.612 min
Delta R.T.: -0.006 min
Response: 38051441
Conc: 20.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



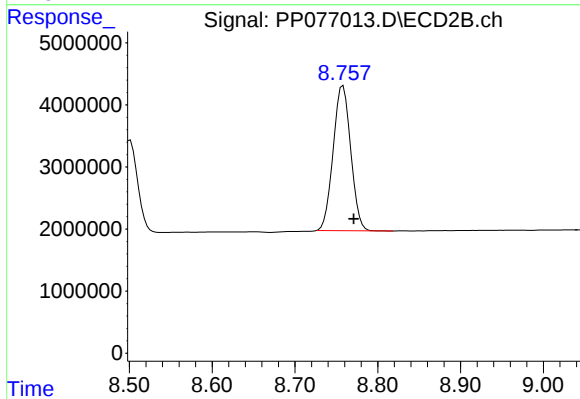
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.006 min
Response: 37310626
Conc: 17.91 ng/ml



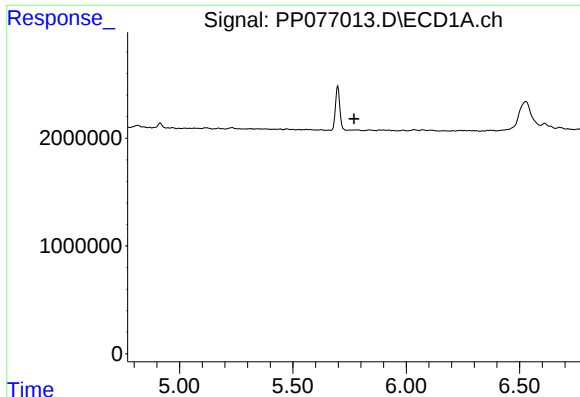
#2 Decachlorobiphenyl

R.T.: 10.360 min
Delta R.T.: -0.010 min
Response: 35999300
Conc: 24.02 ng/ml



#2 Decachlorobiphenyl

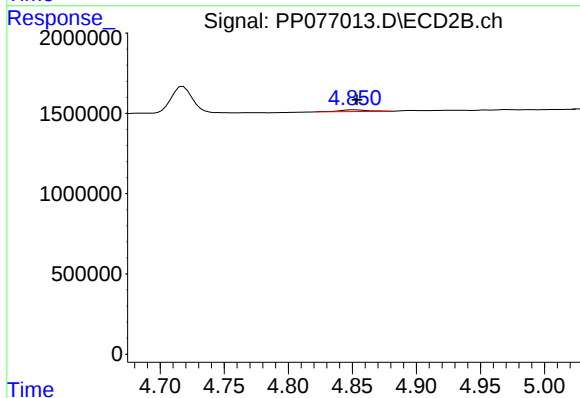
R.T.: 8.758 min
Delta R.T.: -0.013 min
Response: 34491293
Conc: 19.55 ng/ml



#3 AR-1016-1

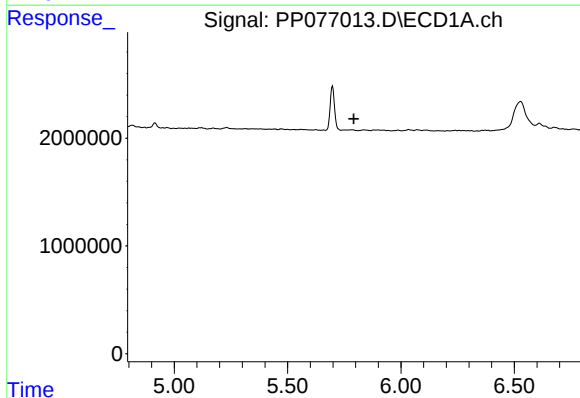
R.T.: 0.000 min
Exp R.T.: 5.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



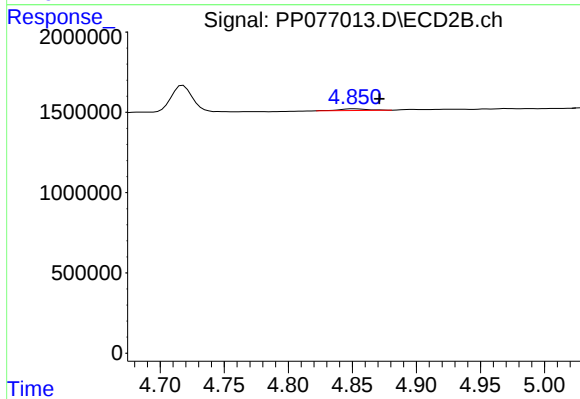
#3 AR-1016-1

R.T.: 4.851 min
Delta R.T.: -0.002 min
Response: 160035
Conc: 2.13 ng/ml



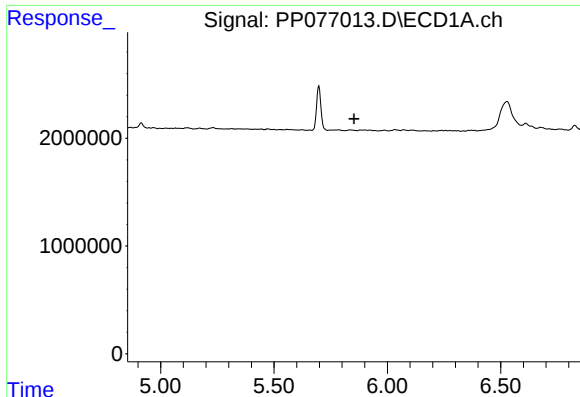
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.791 min
Response: 0
Conc: N.D.



#4 AR-1016-2

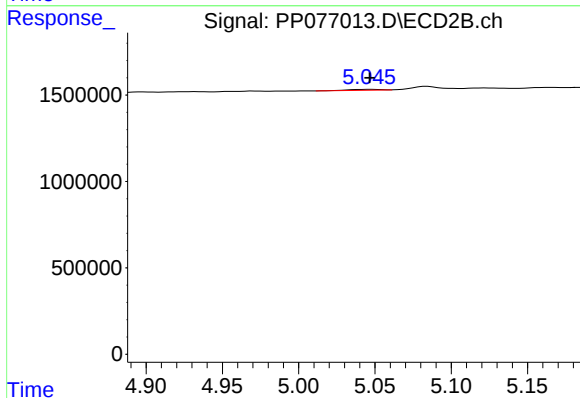
R.T.: 4.851 min
Delta R.T.: -0.020 min
Response: 160035
Conc: 1.44 ng/ml



#5 AR-1016-3

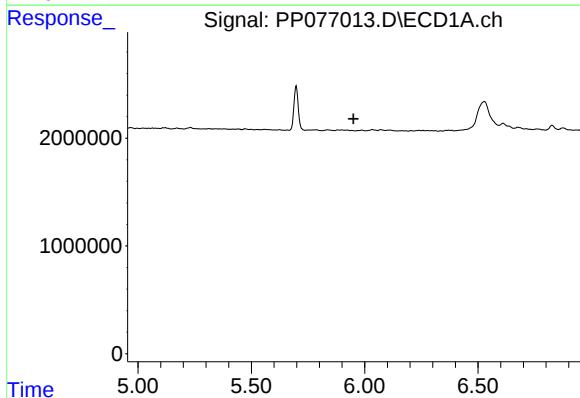
R.T.: 0.000 min
Exp R.T.: 5.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



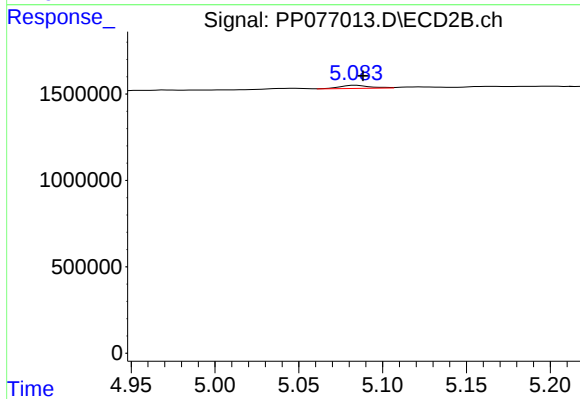
#5 AR-1016-3

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 71193
Conc: 1.23 ng/ml



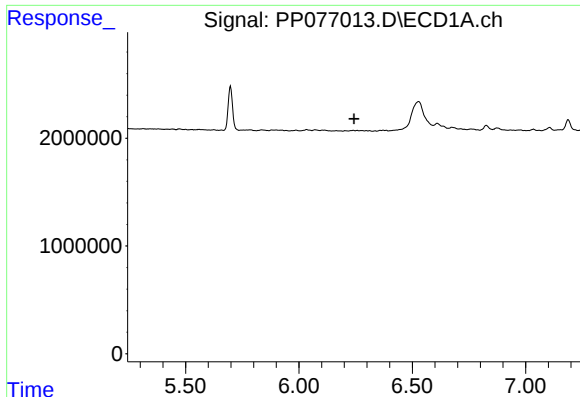
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.951 min
Response: 0
Conc: N.D.



#6 AR-1016-4

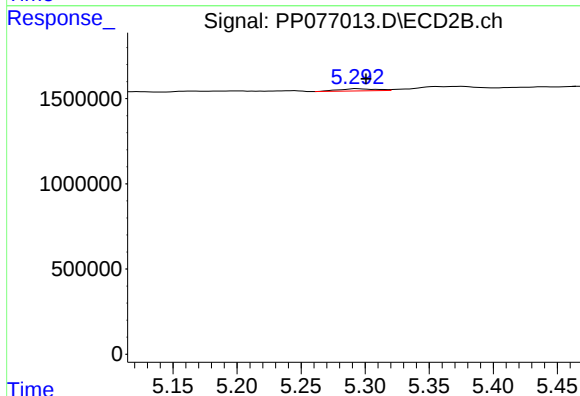
R.T.: 5.084 min
Delta R.T.: -0.004 min
Response: 224298
Conc: 4.80 ng/ml



#7 AR-1016-5

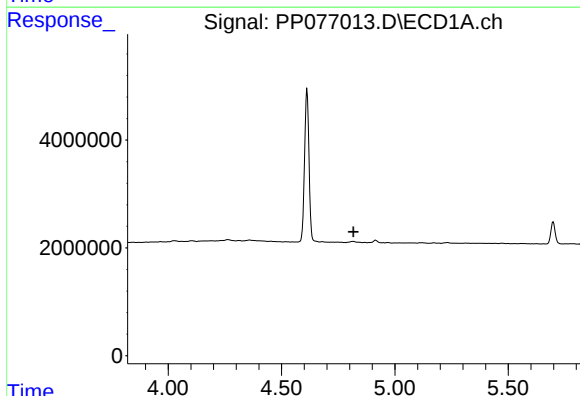
R.T.: 0.000 min
Exp R.T.: 6.244 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



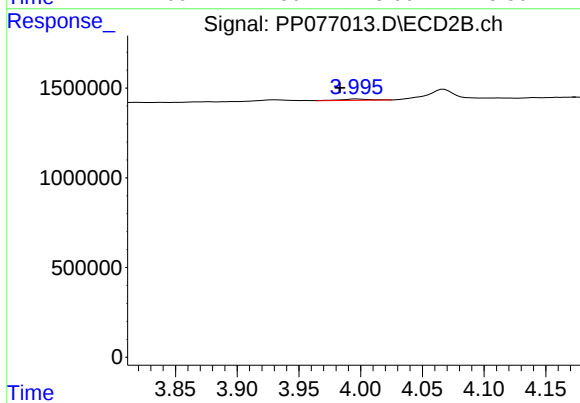
#7 AR-1016-5

R.T.: 5.293 min
Delta R.T.: -0.008 min
Response: 271519
Conc: 4.38 ng/ml



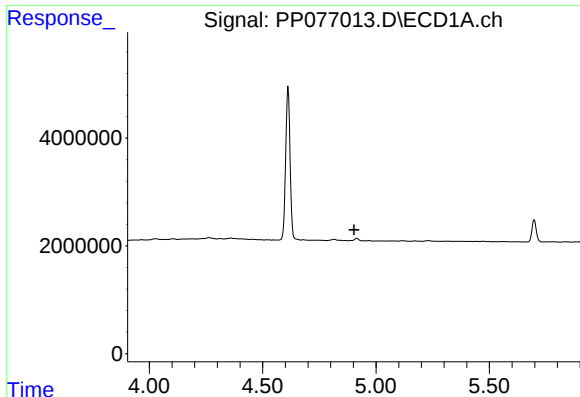
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.818 min
Response: 0
Conc: N.D.



#8 AR-1221-1

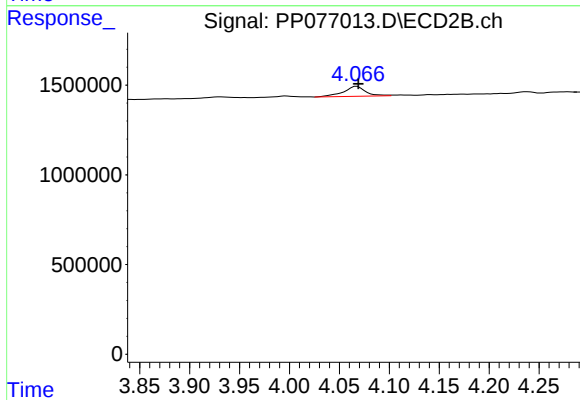
R.T.: 3.997 min
Delta R.T.: 0.013 min
Response: 109697
Conc: 4.11 ng/ml



#9 AR-1221-2

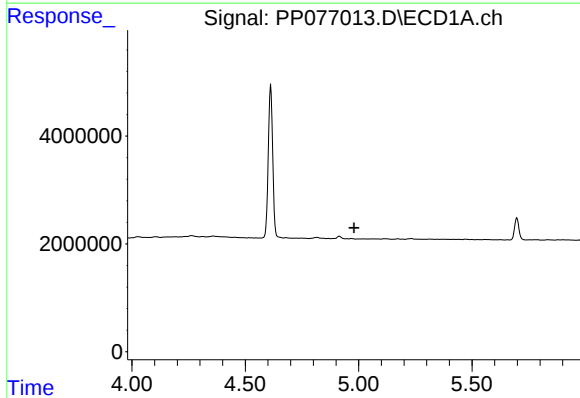
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



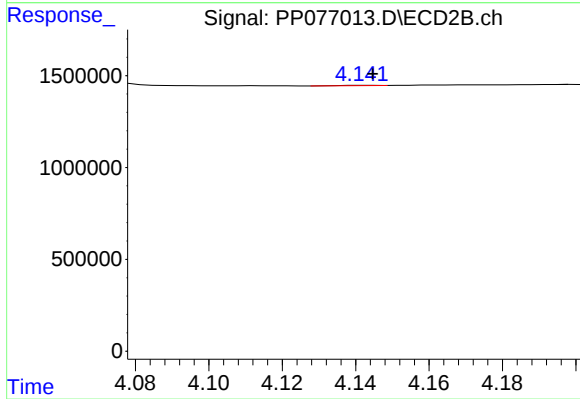
#9 AR-1221-2

R.T.: 4.067 min
Delta R.T.: -0.002 min
Response: 845974
Conc: 42.32 ng/ml



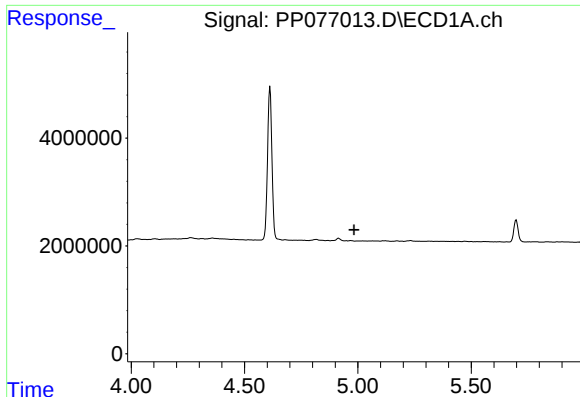
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.980 min
Response: 0
Conc: N.D.



#10 AR-1221-3

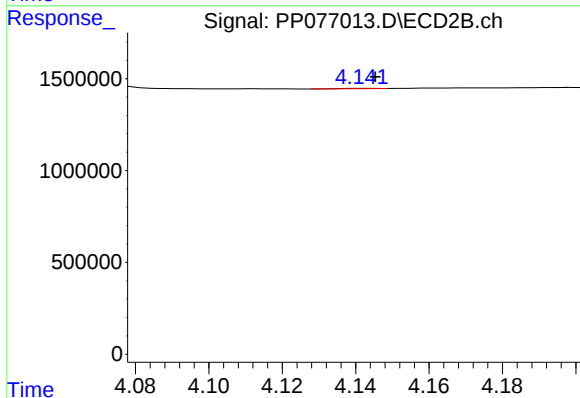
R.T.: 4.142 min
Delta R.T.: -0.002 min
Response: 11790
Conc: 0.20 ng/ml



#11 AR-1232-1

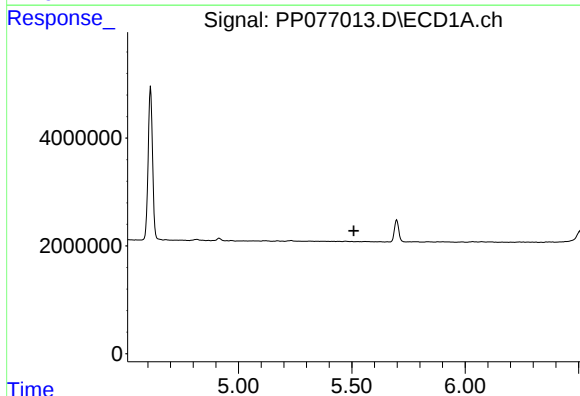
R.T.: 0.000 min
Exp R.T.: 4.983 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



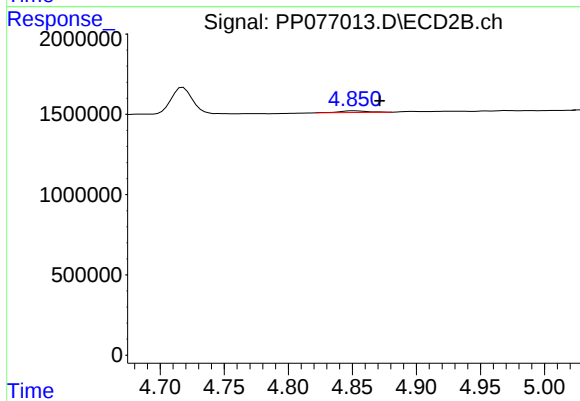
#11 AR-1232-1

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 11790
Conc: 0.25 ng/ml



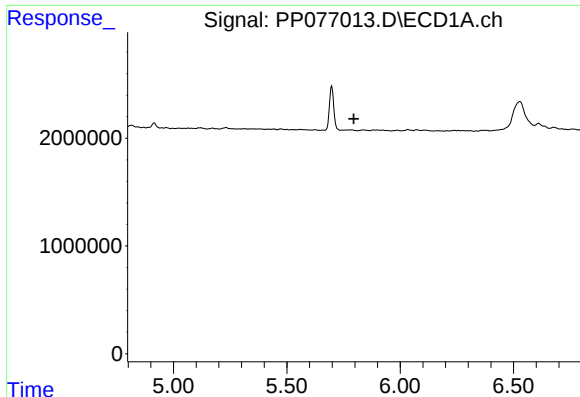
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.508 min
Response: 0
Conc: N.D.



#12 AR-1232-2

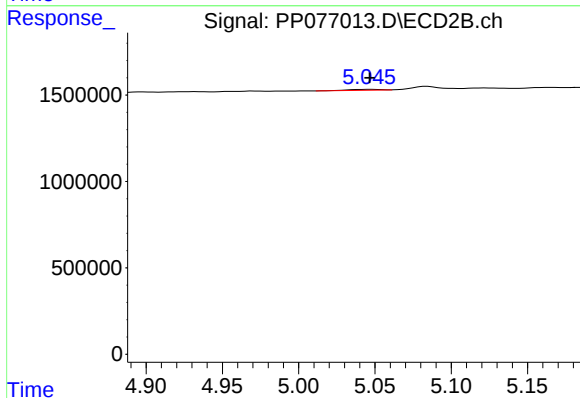
R.T.: 4.851 min
Delta R.T.: -0.020 min
Response: 160035
Conc: 3.47 ng/ml



#13 AR-1232-3

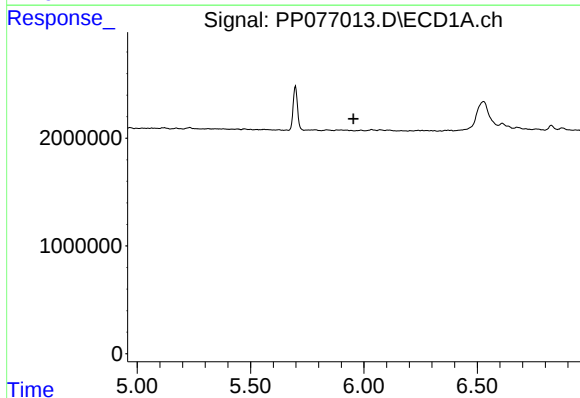
R.T.: 0.000 min
Exp R.T.: 5.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



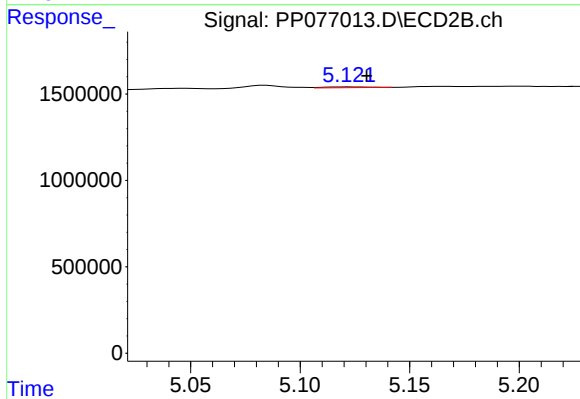
#13 AR-1232-3

R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 71193
Conc: 2.94 ng/ml



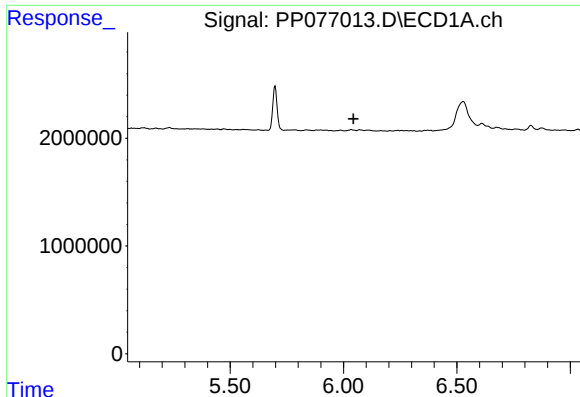
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.955 min
Response: 0
Conc: N.D.



#14 AR-1232-4

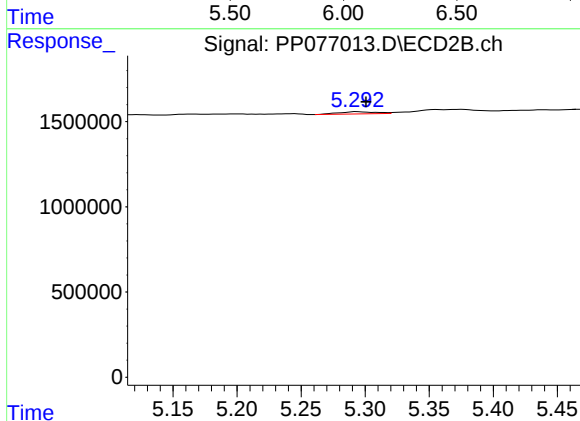
R.T.: 5.123 min
Delta R.T.: -0.008 min
Response: 67119
Conc: 3.12 ng/ml



#15 AR-1232-5

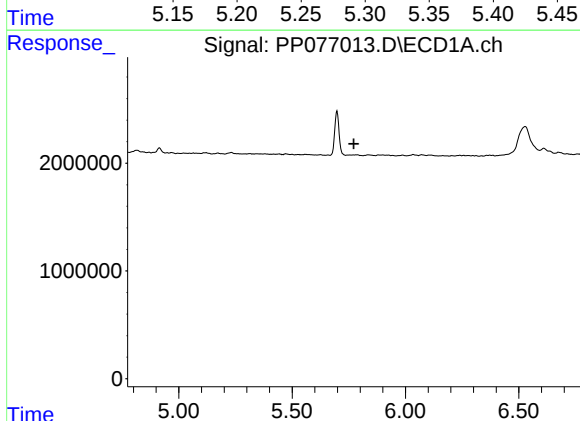
R.T.: 0.000 min
Exp R.T.: 6.044 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



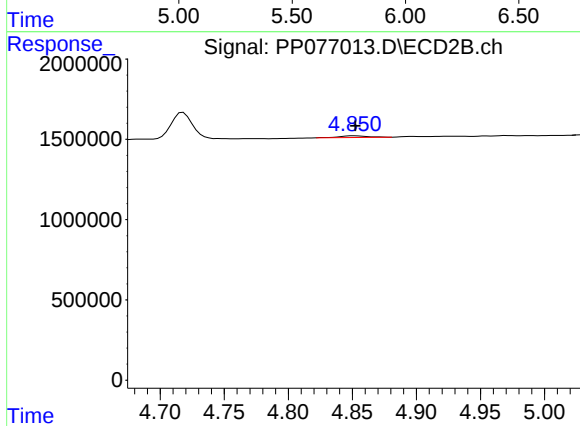
#15 AR-1232-5

R.T.: 5.293 min
Delta R.T.: -0.008 min
Response: 271519
Conc: 11.54 ng/ml



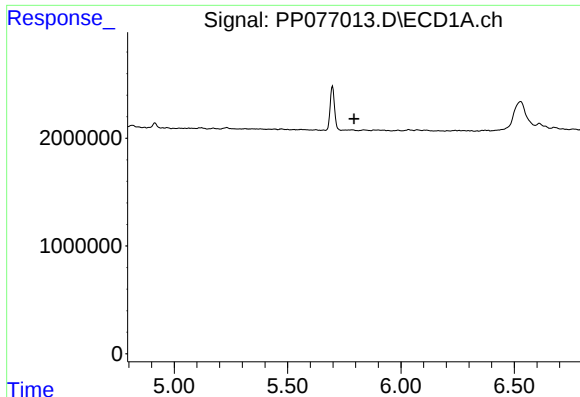
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 5.773 min
Response: 0
Conc: N.D.



#16 AR-1242-1

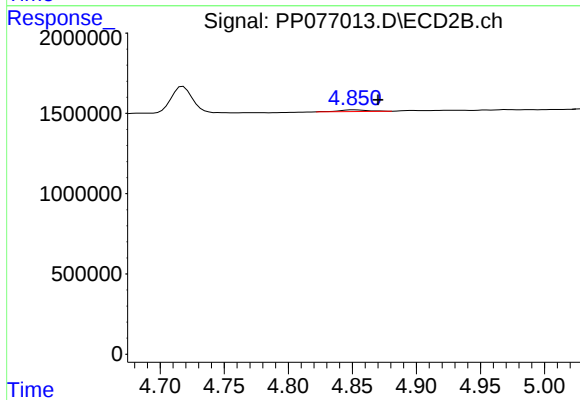
R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 160035
Conc: 2.78 ng/ml



#17 AR-1242-2

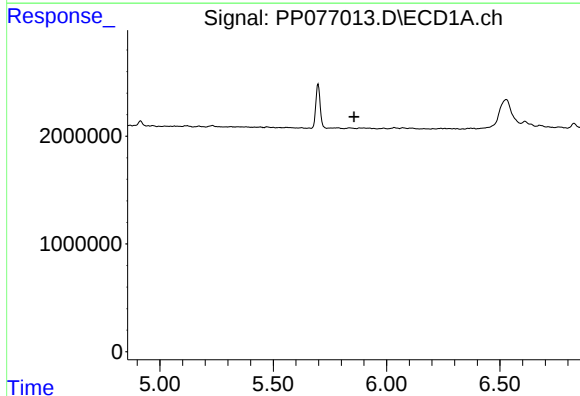
R.T.: 0.000 min
Exp R.T.: 5.794 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



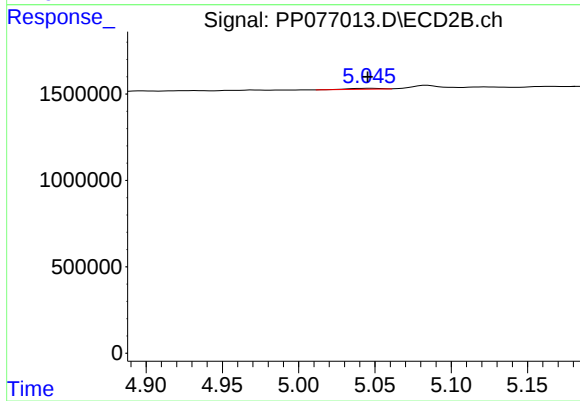
#17 AR-1242-2

R.T.: 4.851 min
Delta R.T.: -0.019 min
Response: 160035
Conc: 1.90 ng/ml



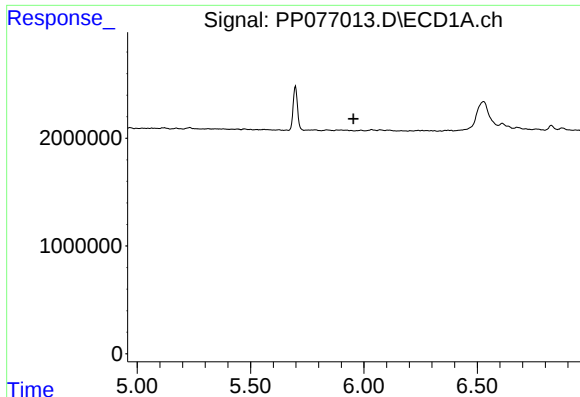
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.857 min
Response: 0
Conc: N.D.



#18 AR-1242-3

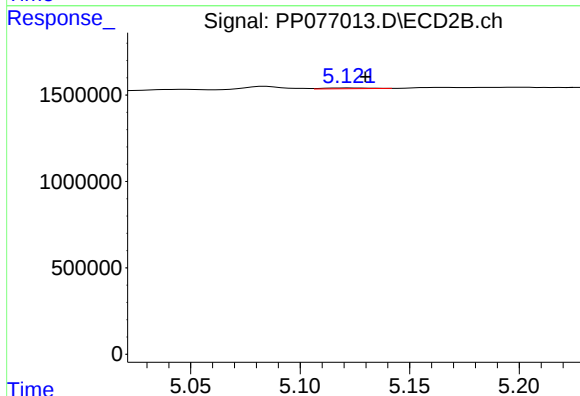
R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 71193
Conc: 1.62 ng/ml



#19 AR-1242-4

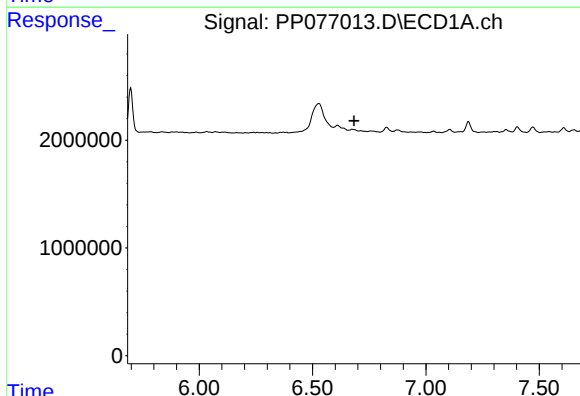
R.T.: 0.000 min
Exp R.T.: 5.954 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



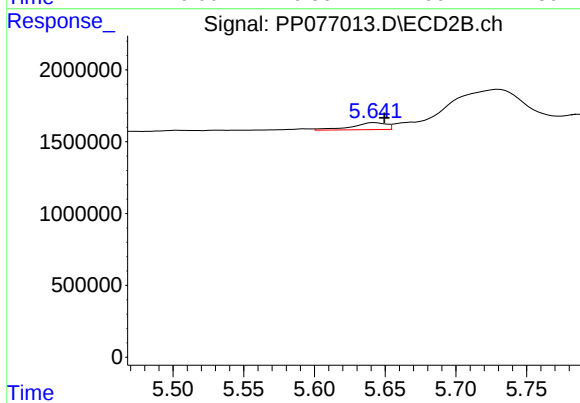
#19 AR-1242-4

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 67119
Conc: 1.55 ng/ml



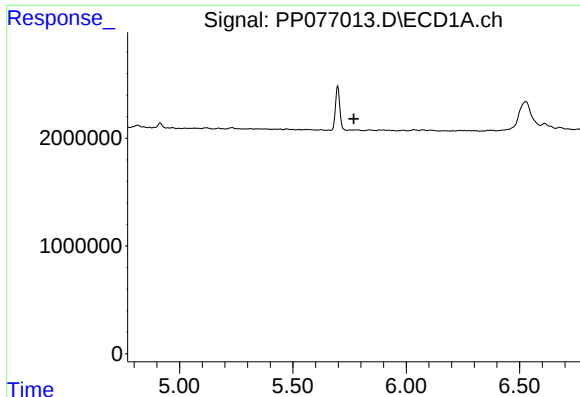
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.684 min
Response: 0
Conc: N.D.



#20 AR-1242-5

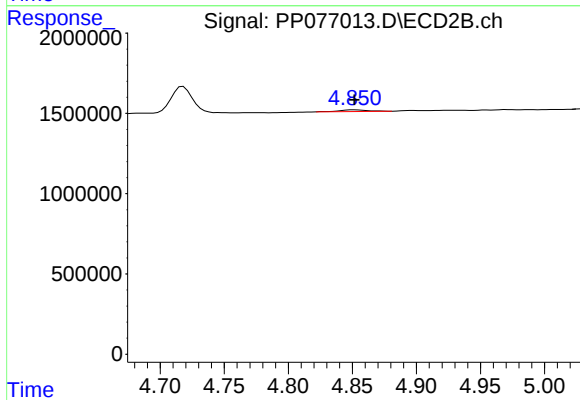
R.T.: 5.643 min
Delta R.T.: -0.006 min
Response: 824413
Conc: 14.14 ng/ml



#21 AR-1248-1

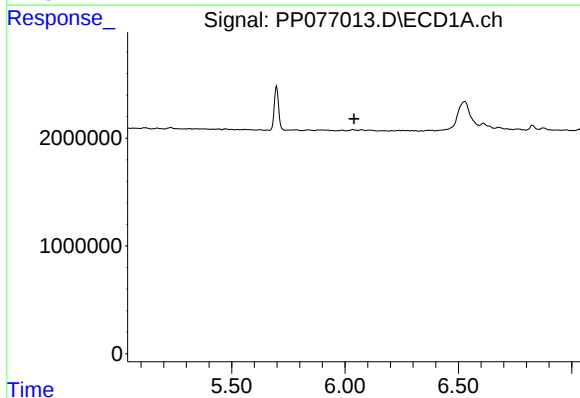
R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



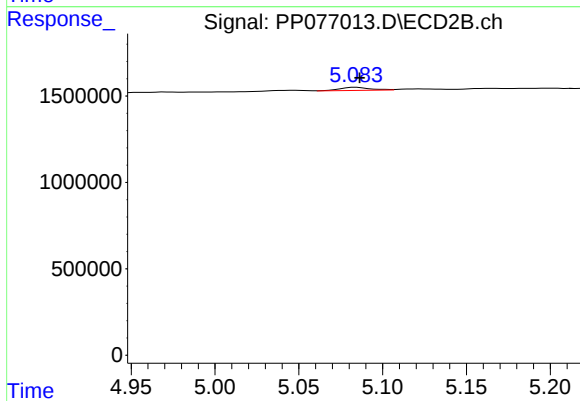
#21 AR-1248-1

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 160035
Conc: 3.63 ng/ml



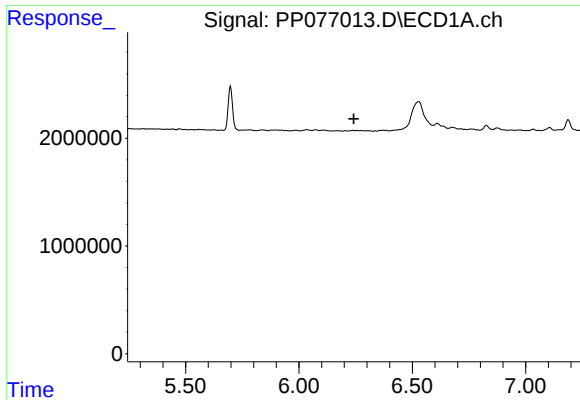
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.039 min
Response: 0
Conc: N.D.



#22 AR-1248-2

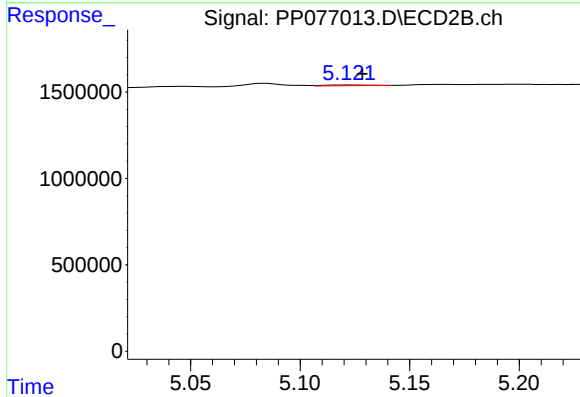
R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 224298
Conc: 3.85 ng/ml



#23 AR-1248-3

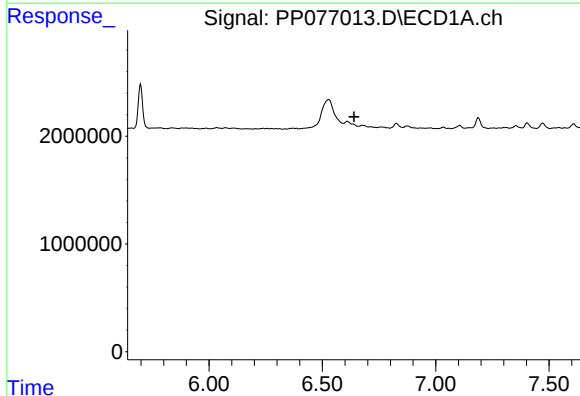
R.T.: 0.000 min
Exp R.T.: 6.242 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



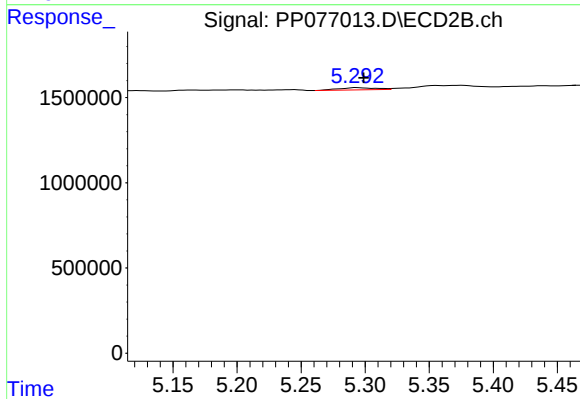
#23 AR-1248-3

R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 67119
Conc: 1.09 ng/ml



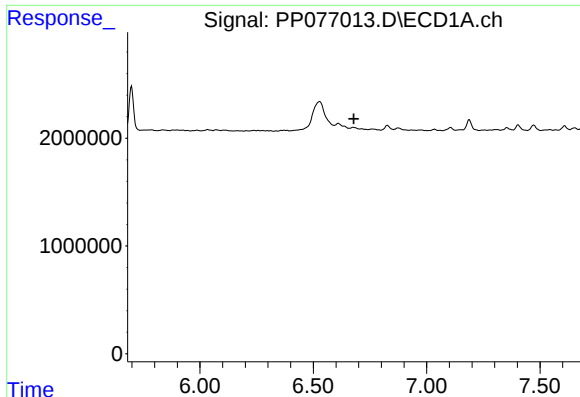
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.640 min
Response: 0
Conc: N.D.



#24 AR-1248-4

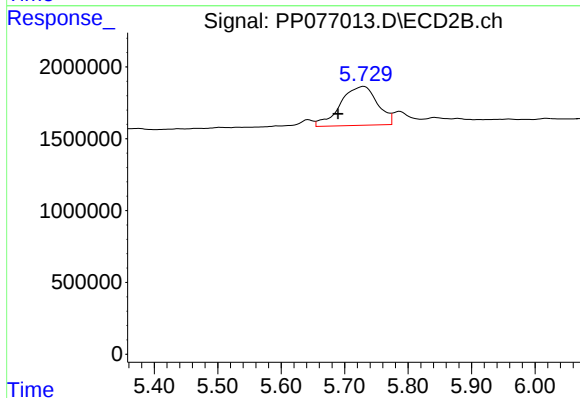
R.T.: 5.293 min
Delta R.T.: -0.006 min
Response: 271519
Conc: 3.71 ng/ml



#25 AR-1248-5

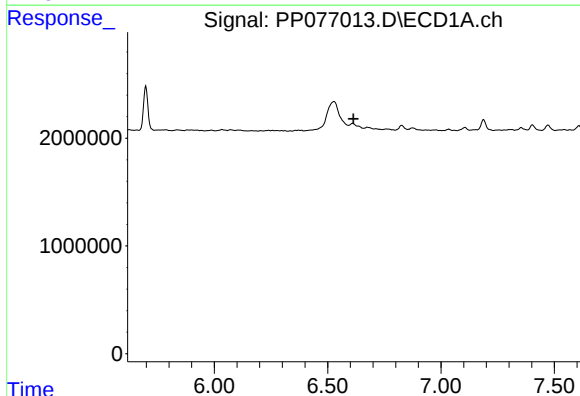
R.T.: 0.000 min
Exp R.T.: 6.679 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



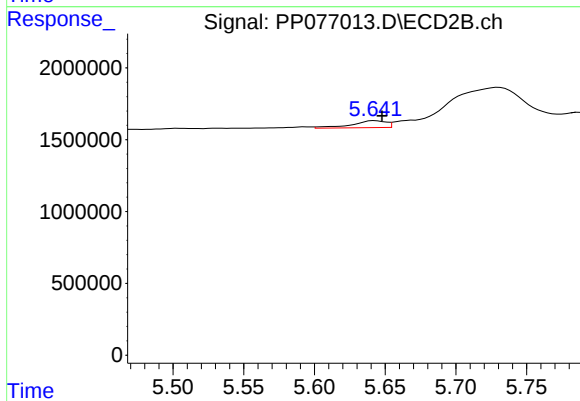
#25 AR-1248-5

R.T.: 5.730 min
Delta R.T.: 0.041 min
Response: 10953701
Conc: 130.15 ng/ml



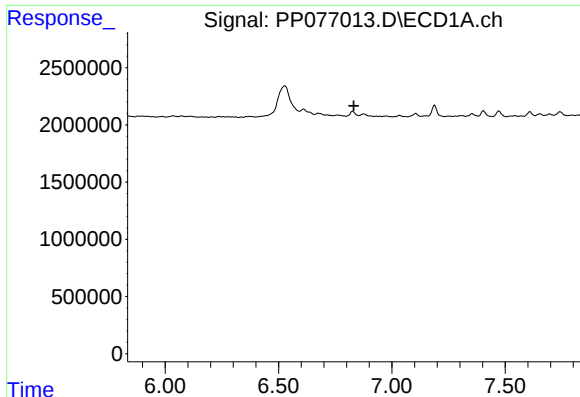
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.



#26 AR-1254-1

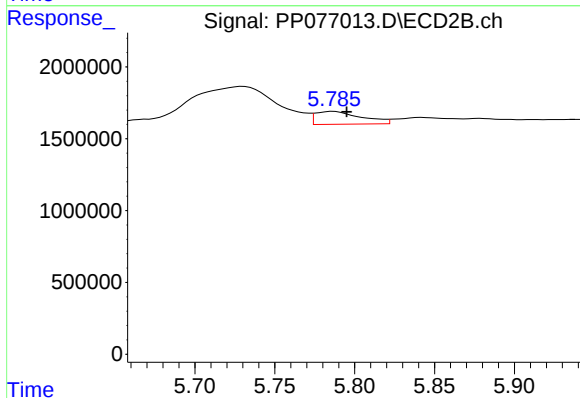
R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 824413
Conc: 6.97 ng/ml



#27 AR-1254-2

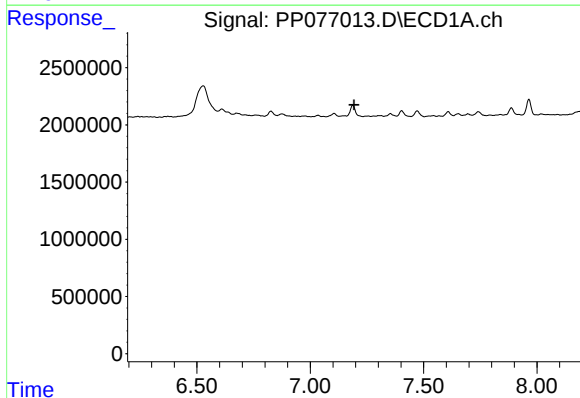
R.T.: 0.000 min
Exp R.T.: 6.832 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



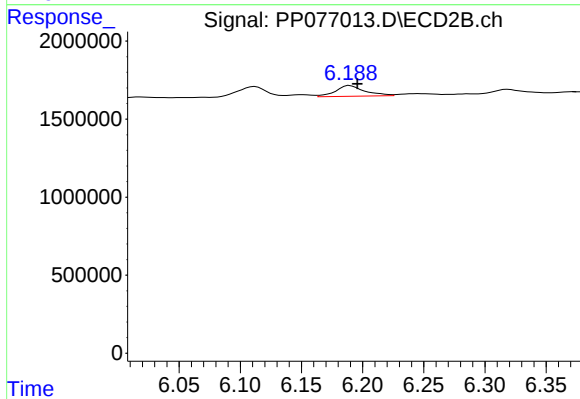
#27 AR-1254-2

R.T.: 5.787 min
Delta R.T.: -0.008 min
Response: 1785634
Conc: 16.51 ng/ml



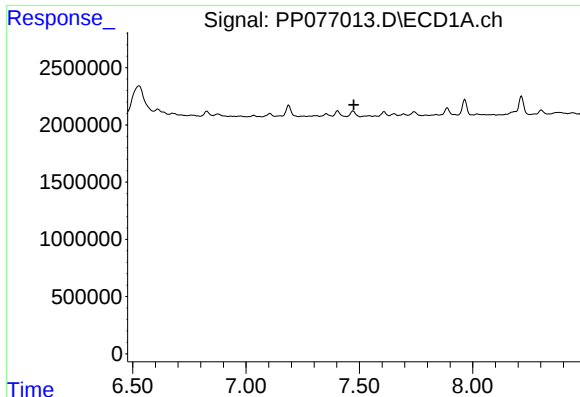
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 7.194 min
Response: 0
Conc: N.D.



#28 AR-1254-3

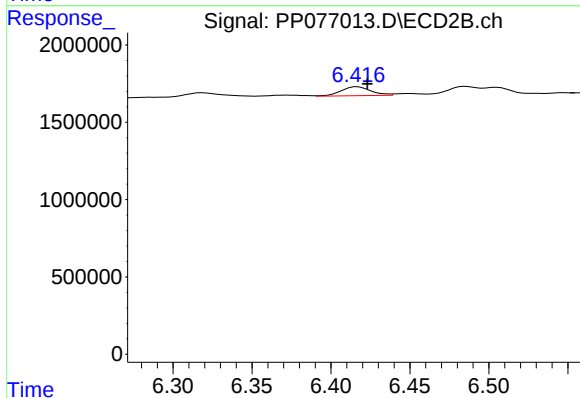
R.T.: 6.189 min
Delta R.T.: -0.006 min
Response: 1145400
Conc: 6.98 ng/ml



#29 AR-1254-4

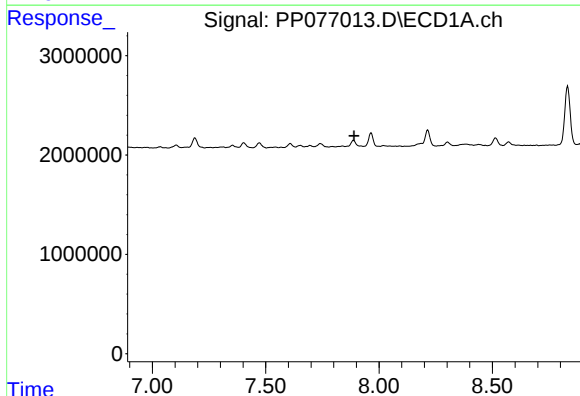
R.T.: 0.000 min
Exp R.T.: 7.475 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



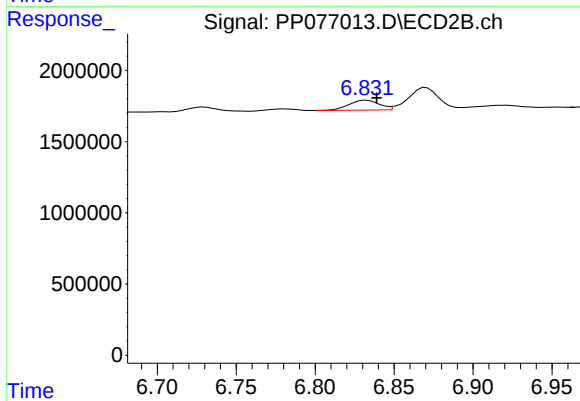
#29 AR-1254-4

R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 758996
Conc: 7.31 ng/ml



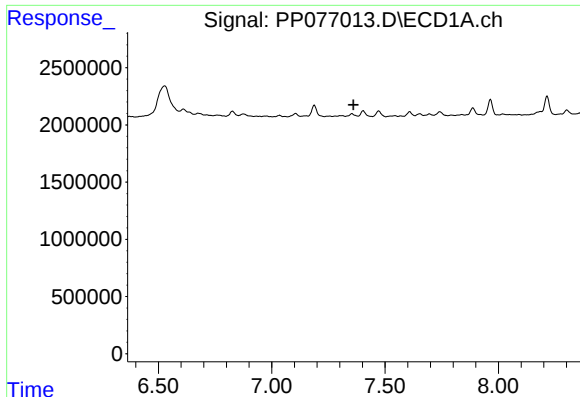
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 7.890 min
Response: 0
Conc: N.D.



#30 AR-1254-5

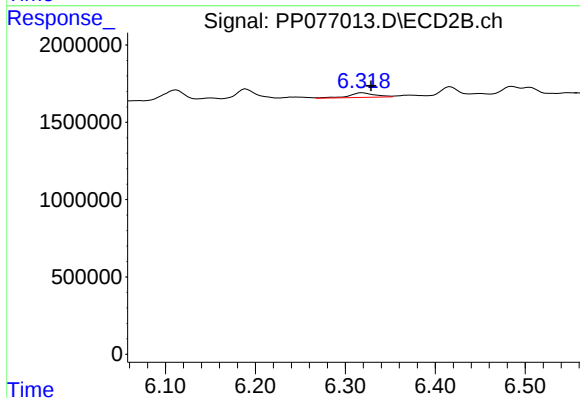
R.T.: 6.833 min
Delta R.T.: -0.006 min
Response: 943544
Conc: 6.70 ng/ml



#31 AR-1260-1

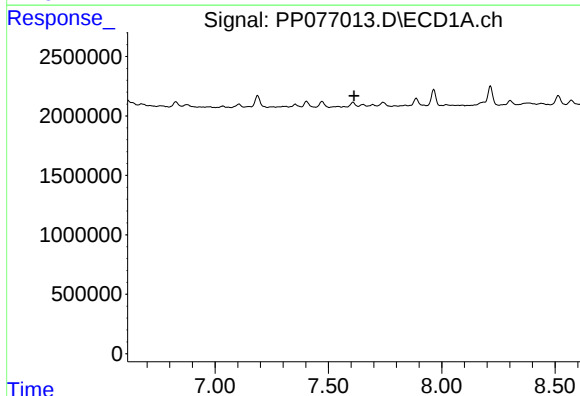
R.T.: 0.000 min
Exp R.T.: 7.361 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



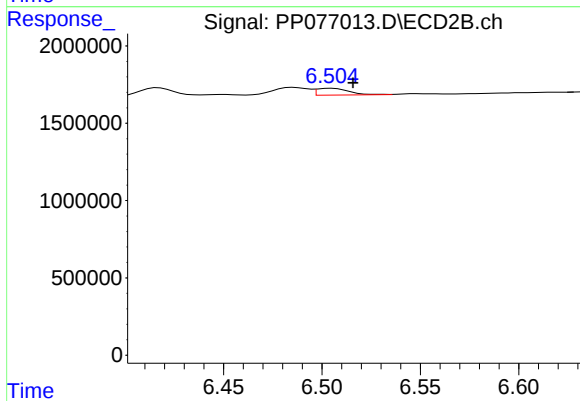
#31 AR-1260-1

R.T.: 6.319 min
Delta R.T.: -0.010 min
Response: 584320
Conc: 5.36 ng/ml



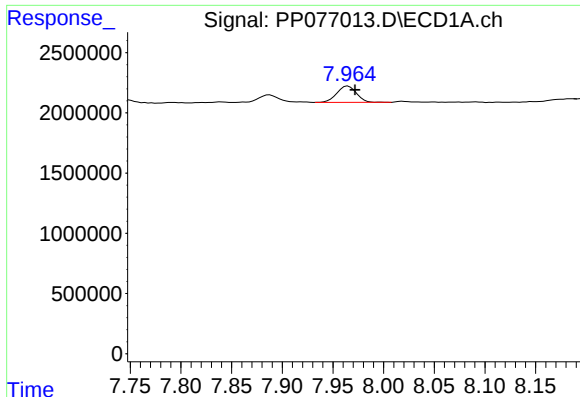
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.614 min
Response: 0
Conc: N.D.



#32 AR-1260-2

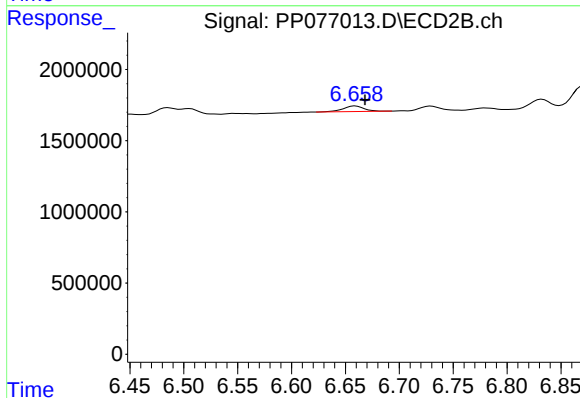
R.T.: 6.505 min
Delta R.T.: -0.011 min
Response: 497545
Conc: 3.74 ng/ml



#33 AR-1260-3

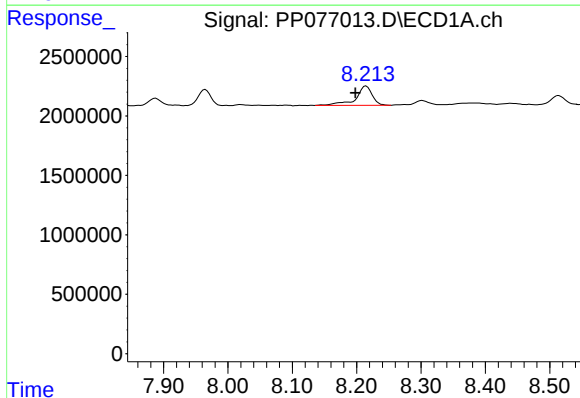
R.T.: 7.965 min
Delta R.T.: -0.007 min
Response: 1839128
Conc: 22.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



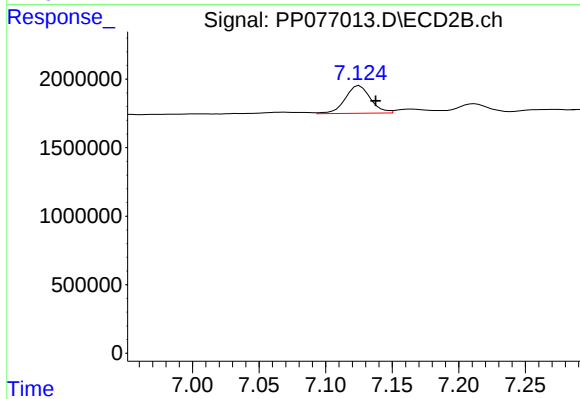
#33 AR-1260-3

R.T.: 6.659 min
Delta R.T.: -0.009 min
Response: 534222
Conc: 4.31 ng/ml



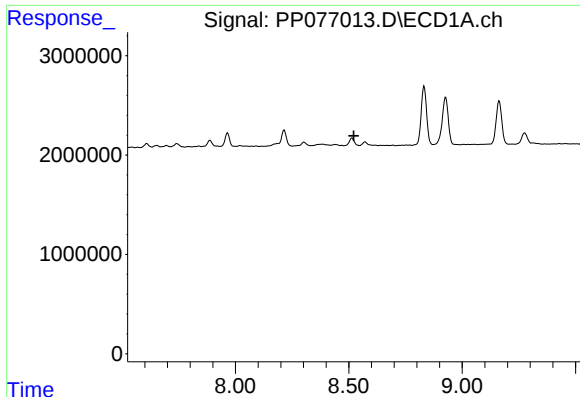
#34 AR-1260-4

R.T.: 8.215 min
Delta R.T.: 0.017 min
Response: 2897891
Conc: 30.94 ng/ml



#34 AR-1260-4

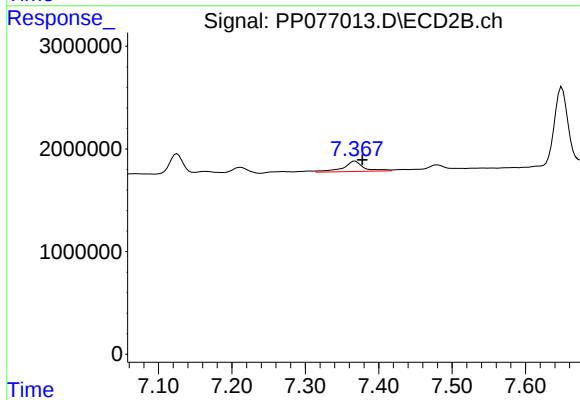
R.T.: 7.125 min
Delta R.T.: -0.012 min
Response: 2665699
Conc: 25.66 ng/ml



#35 AR-1260-5

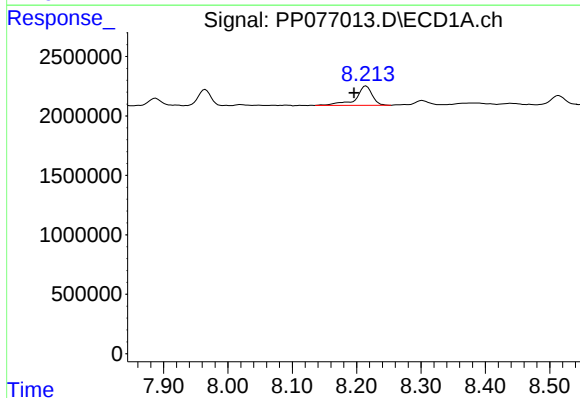
R.T.: 0.000 min
Exp R.T.: 8.522 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



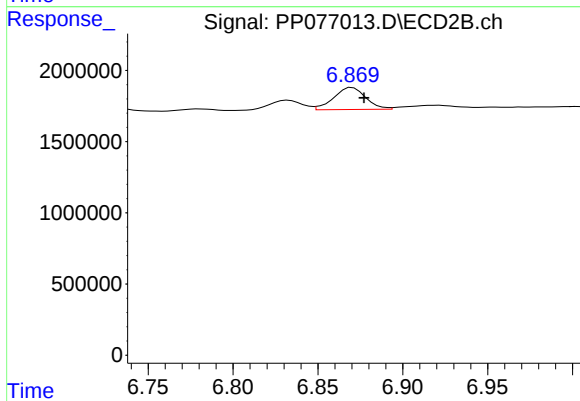
#35 AR-1260-5

R.T.: 7.368 min
Delta R.T.: -0.010 min
Response: 1987968
Conc: 8.04 ng/ml



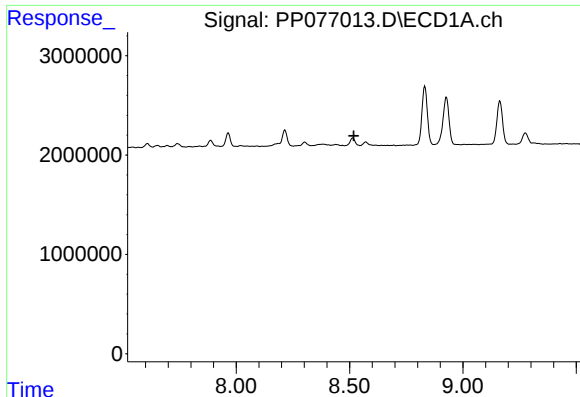
#36 AR-1262-1

R.T.: 8.215 min
Delta R.T.: 0.019 min
Response: 2897891
Conc: 29.28 ng/ml



#36 AR-1262-1

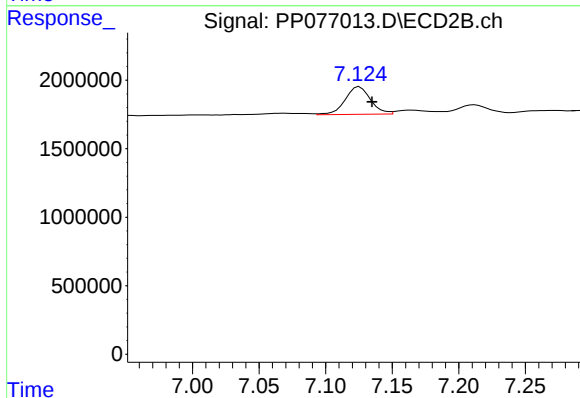
R.T.: 6.870 min
Delta R.T.: -0.007 min
Response: 2040741
Conc: 15.31 ng/ml



#37 AR-1262-2

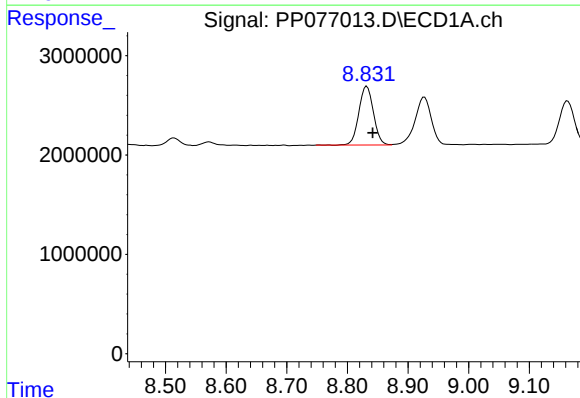
R.T.: 0.000 min
Exp R.T.: 8.519 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



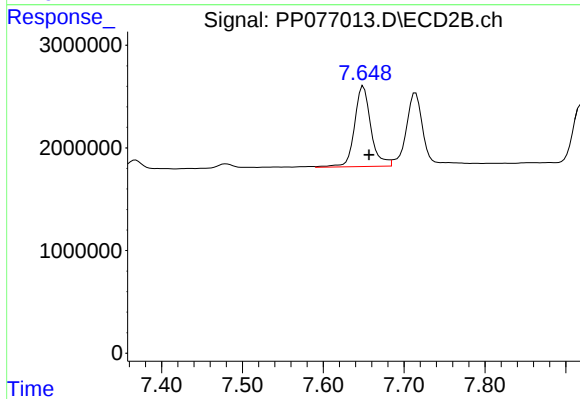
#37 AR-1262-2

R.T.: 7.125 min
Delta R.T.: -0.009 min
Response: 2665699
Conc: 22.23 ng/ml



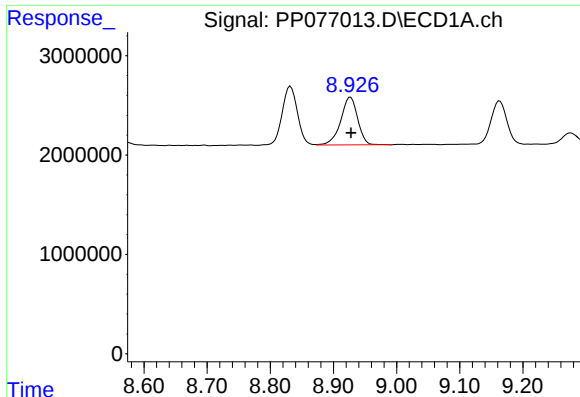
#38 AR-1262-3

R.T.: 8.832 min
Delta R.T.: -0.010 min
Response: 9862591
Conc: 78.45 ng/ml



#38 AR-1262-3

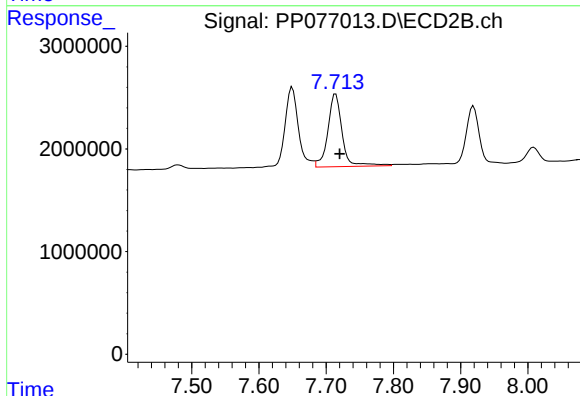
R.T.: 7.650 min
Delta R.T.: -0.007 min
Response: 11064463
Conc: 112.31 ng/ml



#39 AR-1262-4

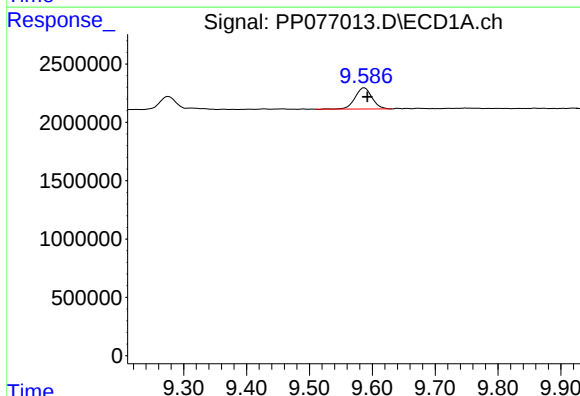
R.T.: 8.927 min
Delta R.T.: 0.000 min
Response: 8964438
Conc: 90.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



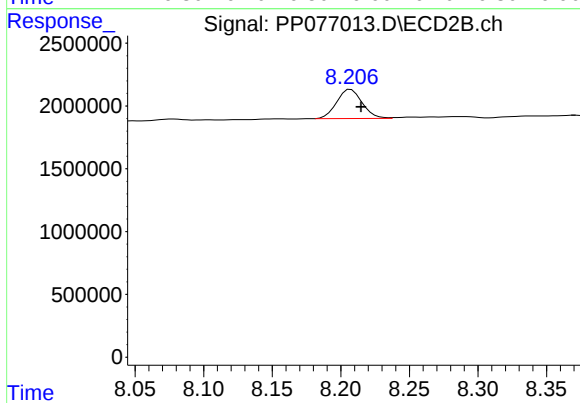
#39 AR-1262-4

R.T.: 7.714 min
Delta R.T.: -0.006 min
Response: 10442430
Conc: 59.85 ng/ml



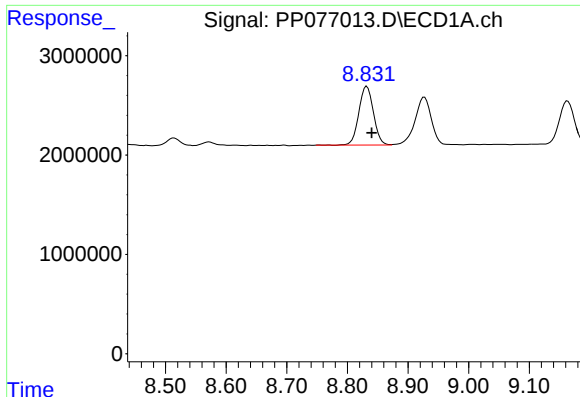
#40 AR-1262-5

R.T.: 9.587 min
Delta R.T.: -0.005 min
Response: 3390154
Conc: 47.72 ng/ml



#40 AR-1262-5

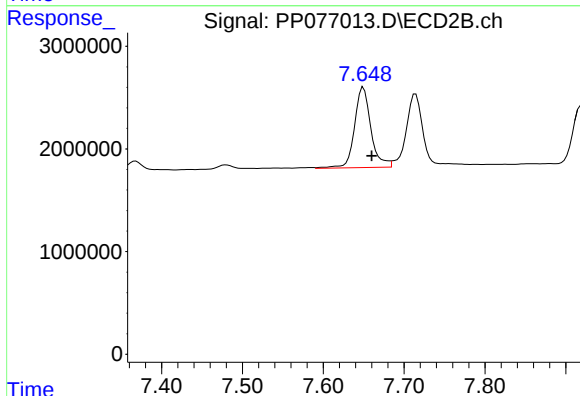
R.T.: 8.207 min
Delta R.T.: -0.007 min
Response: 2996182
Conc: 37.29 ng/ml



#41 AR-1268-1

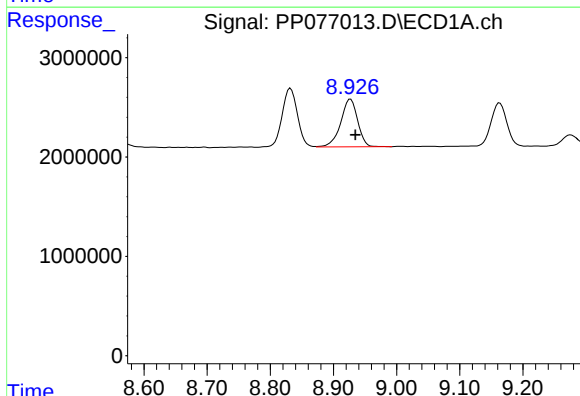
R.T.: 8.832 min
Delta R.T.: -0.008 min
Response: 9862591
Conc: 45.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



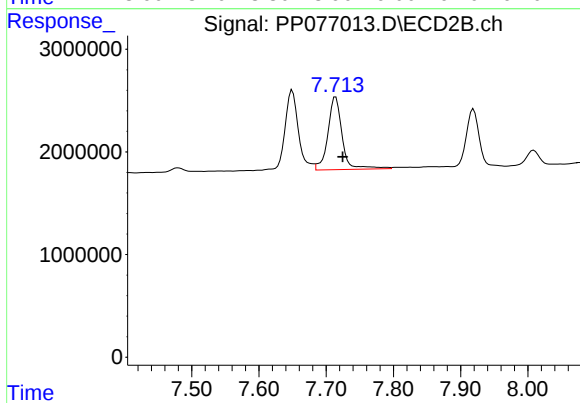
#41 AR-1268-1

R.T.: 7.650 min
Delta R.T.: -0.010 min
Response: 11064463
Conc: 39.33 ng/ml



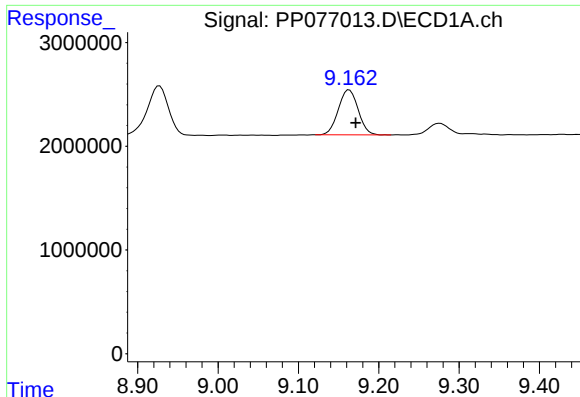
#42 AR-1268-2

R.T.: 8.927 min
Delta R.T.: -0.008 min
Response: 8964438
Conc: 44.55 ng/ml



#42 AR-1268-2

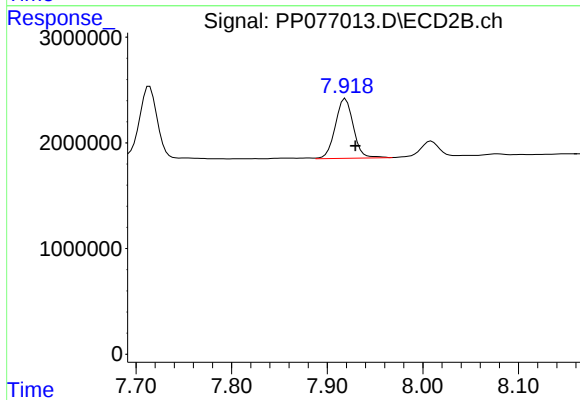
R.T.: 7.714 min
Delta R.T.: -0.010 min
Response: 10442430
Conc: 41.03 ng/ml



#43 AR-1268-3

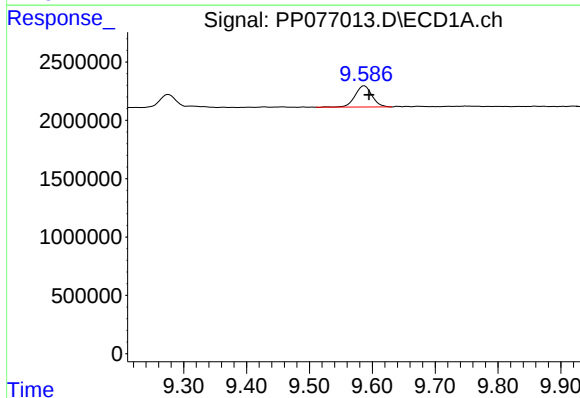
R.T.: 9.163 min
Delta R.T.: -0.008 min
Response: 7450217
Conc: 44.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



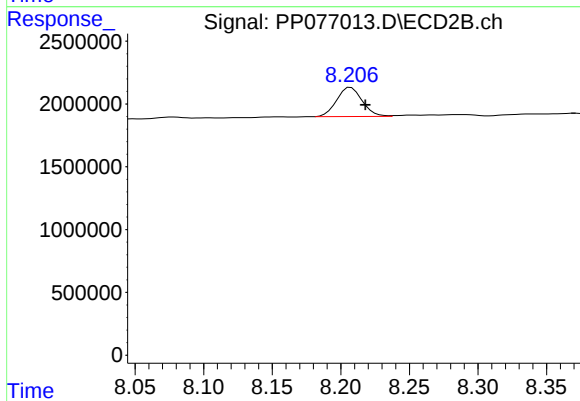
#43 AR-1268-3

R.T.: 7.919 min
Delta R.T.: -0.010 min
Response: 7389370
Conc: 35.80 ng/ml



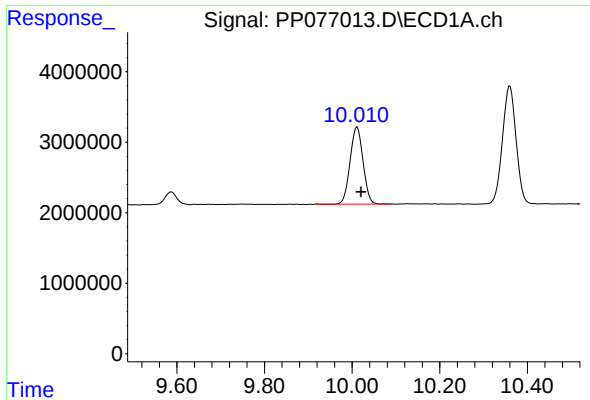
#44 AR-1268-4

R.T.: 9.587 min
Delta R.T.: -0.008 min
Response: 3390154
Conc: 40.70 ng/ml



#44 AR-1268-4

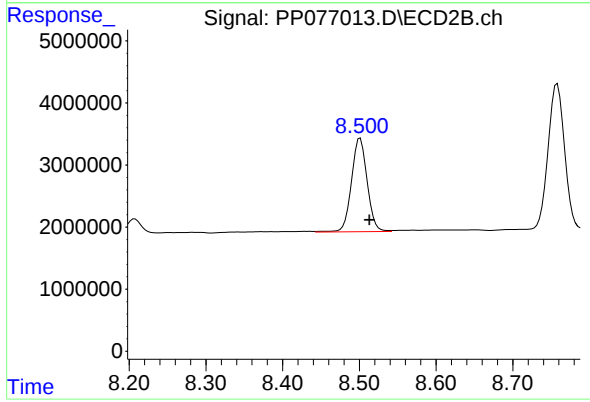
R.T.: 8.207 min
Delta R.T.: -0.011 min
Response: 2996182
Conc: 31.90 ng/ml



#45 AR-1268-5

R.T.: 10.011 min
Delta R.T.: -0.009 min
Response: 22488567
Conc: 44.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.501 min
Delta R.T.: -0.012 min
Response: 21551397
Conc: 33.86 ng/ml