

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080322\
 Data File : PP050136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Aug 2022 22:08
 Operator : YP\AJ
 Sample : N4016-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 01:27:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 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...	4.350	3.599	34737318	68373515	23.938	27.972
2)	SA Decachlor...	10.095	8.560	37621963	31872347	26.599	27.368
Target Compounds							
3)	L1 AR-1016-1	5.546	4.669	2058712	198584	36.439	2.228 #
4)	L1 AR-1016-2	5.546	4.697	2058712	1925952	25.604	15.310 #
5)	L1 AR-1016-3	0.000	4.859	0	909675	N.D.	13.843 #
6)	L1 AR-1016-4	0.000	4.907	0	2095912	N.D.	39.427 #
7)	L1 AR-1016-5	5.986f	5.122	3536729	330023	86.410	4.800 #
8)	L2 AR-1221-1	0.000	3.810	0	383910	N.D.	12.719 #
9)	L2 AR-1221-2	0.000	3.893	0	1411349	N.D.	61.788 #
12)	L3 AR-1232-2	0.000	4.697	0	1925952	N.D.	40.159 #
13)	L3 AR-1232-3	5.546	4.859	2058712	909675	68.109	36.441 #
14)	L3 AR-1232-4	0.000	4.963	0	1560162	N.D.	68.209 #
15)	L3 AR-1232-5	0.000	5.122	0	330023	N.D.	12.828 #
16)	L4 AR-1242-1	5.546f	4.669	2058712	198584	46.047	2.831 #
17)	L4 AR-1242-2	5.546	4.697	2058712	1925952	32.652	19.518 #
18)	L4 AR-1242-3	0.000	4.859	0	909675	N.D.	17.431 #
19)	L4 AR-1242-4	0.000	4.963	0	1560162	N.D.	29.767 #
20)	L4 AR-1242-5	0.000	5.469	0	7436950	N.D.	116.998 #
21)	L5 AR-1248-1	5.546f	4.669	2058712	198584	58.444	3.532 #
22)	L5 AR-1248-2	0.000	4.907	0	2095912	N.D.	28.160 #
23)	L5 AR-1248-3	5.986f	4.963	3536729	1560162	63.859	20.432 #
24)	L5 AR-1248-4	6.417	5.122	3302388	330023	53.275	3.635 #
25)	L5 AR-1248-5	0.000	5.510	0	1189023	N.D.	14.266 #
26)	L6 AR-1254-1	6.392	5.469	3081675	7436950	48.930	58.637
27)	L6 AR-1254-2	6.606	5.610	3412638	2701181	35.029	24.438 #
28)	L6 AR-1254-3	6.975	6.012	4371006	10520087	42.304	64.630 #
29)	L6 AR-1254-4	7.256	6.239	3641416	1556575	45.487	16.087 #
30)	L6 AR-1254-5	7.701f	6.654	33418041	38070476	375.982	287.291
31)	L7 AR-1260-1	7.130	6.140	3371320	5684833	44.587	54.244
32)	L7 AR-1260-2	7.389	6.327	8466460	3707725	89.436	30.814 #
33)	L7 AR-1260-3	7.747	6.482	4151446	5787896	66.295	51.151
34)	L7 AR-1260-4	7.974	6.950	10549160	3761094	136.338	49.170 #
35)	L7 AR-1260-5	8.296	7.191	7878078	7970390	51.239	46.611
36)	L8 AR-1262-1	7.747	6.690	4151446	4656989	43.129	39.288
37)	L8 AR-1262-2	8.296	6.950	7878078	3761094	44.240	37.217
38)	L8 AR-1262-3	8.603	7.474	9049383	2205656	115.238	34.075 #
39)	L8 AR-1262-4	8.694	7.537	5525365	5867150	122.271	45.862 #
40)	L8 AR-1262-5	9.354	8.030	5356448	2246977	76.881	40.919 #
41)	L9 AR-1268-1	8.603	7.474	9049383	2205656	44.322	12.009 #
42)	L9 AR-1268-2	8.694	7.537	5525365	5867150	29.788	33.912
43)	L9 AR-1268-3	8.919	7.743	2775811	1989572	17.609	14.141

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 01:27:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 14 06:08:44 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
44) L9	AR-1268-4	9.354	8.030	5356448	2246977	71.560	37.159 #
45) L9	AR-1268-5	9.766	8.313	8426494	5568625	16.365	13.610

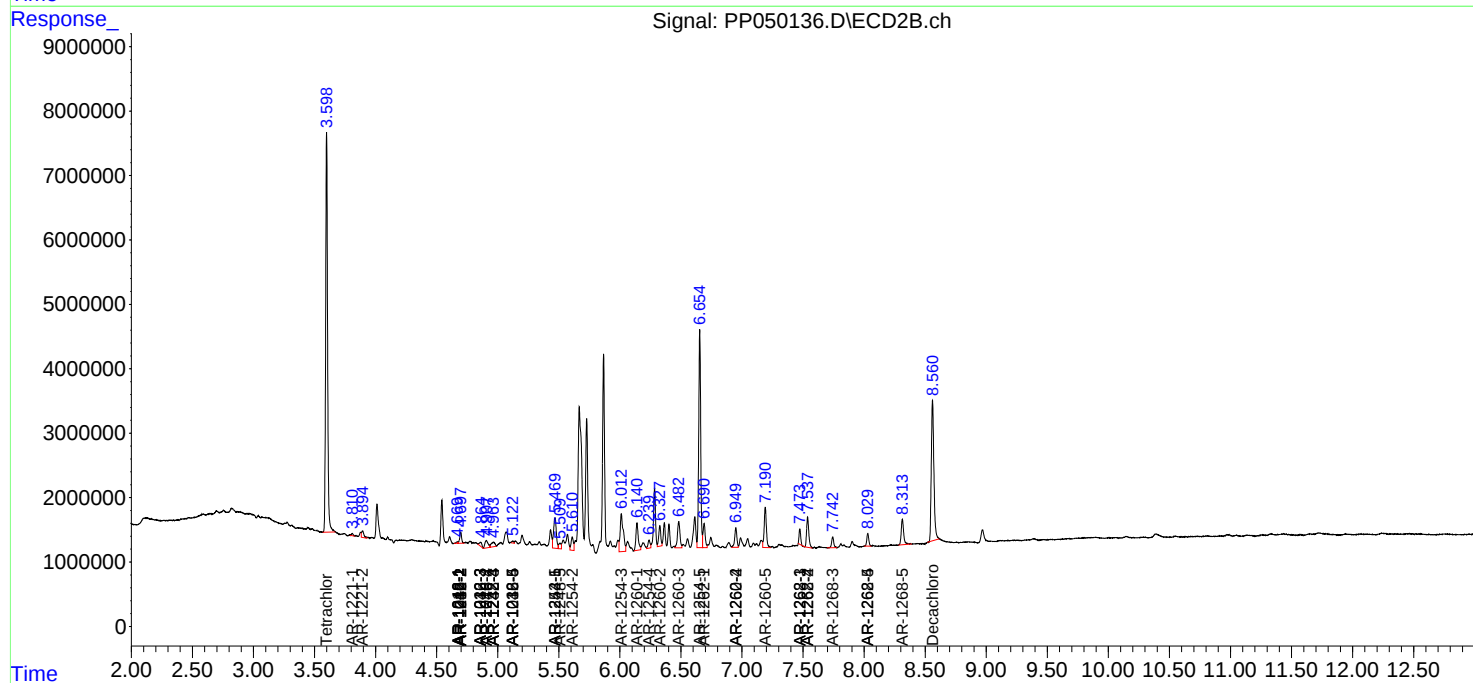
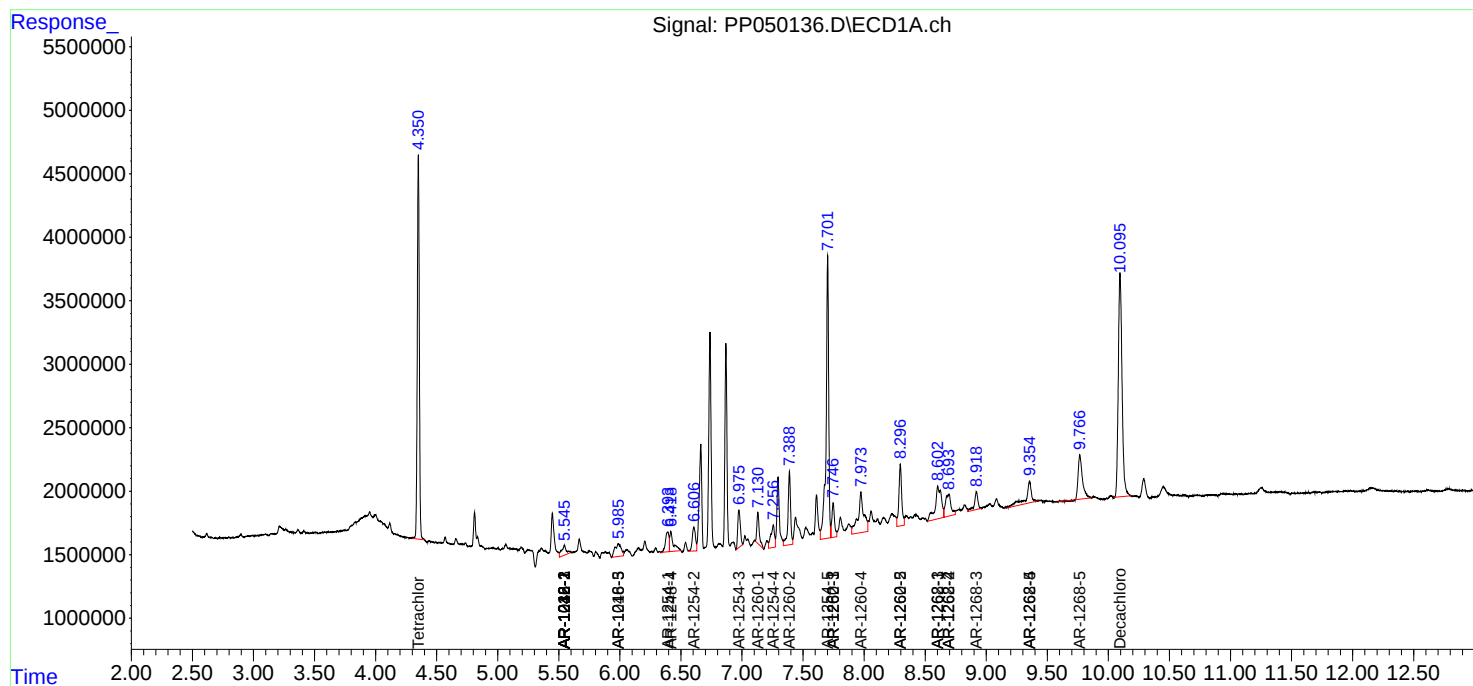
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

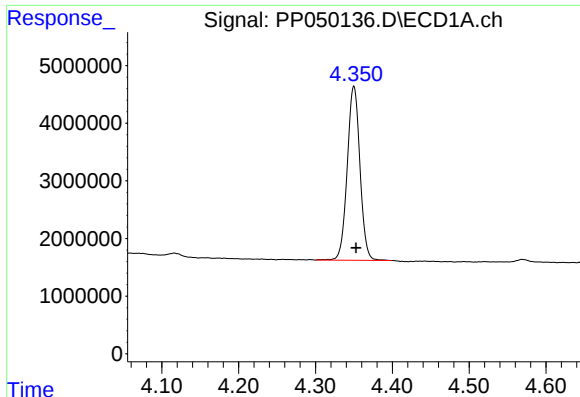
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

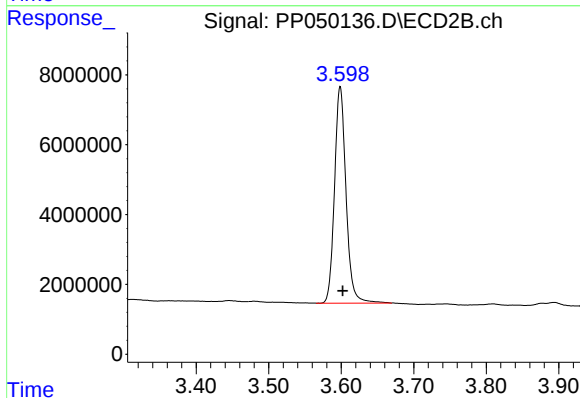




#1 Tetrachloro-m-xylene

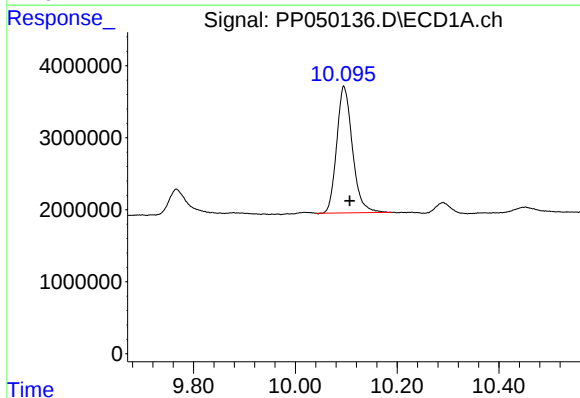
R.T.: 4.350 min
Delta R.T.: -0.003 min
Response: 34737318
Conc: 23.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



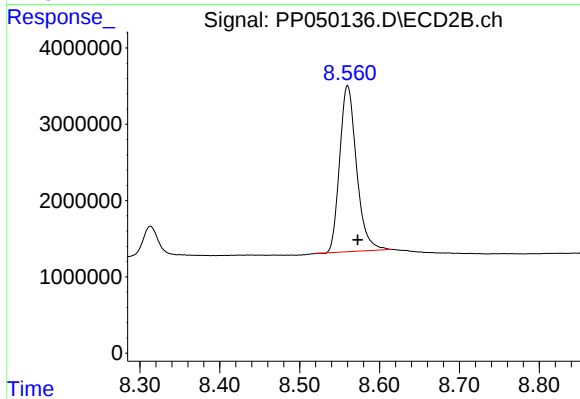
#1 Tetrachloro-m-xylene

R.T.: 3.599 min
Delta R.T.: -0.003 min
Response: 68373515
Conc: 27.97 ng/ml



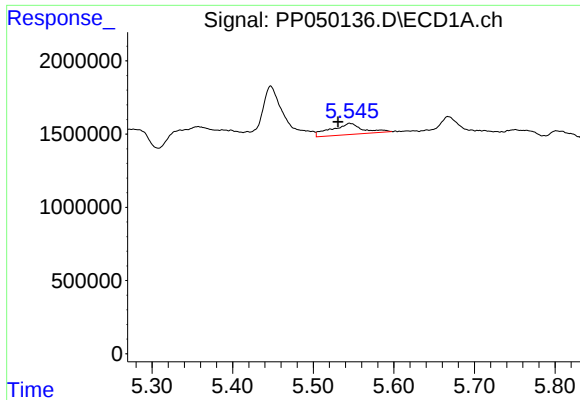
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: -0.012 min
Response: 37621963
Conc: 26.60 ng/ml



#2 Decachlorobiphenyl

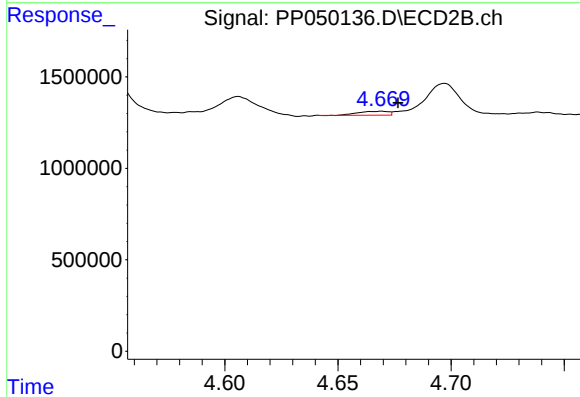
R.T.: 8.560 min
Delta R.T.: -0.013 min
Response: 31872347
Conc: 27.37 ng/ml



#3 AR-1016-1

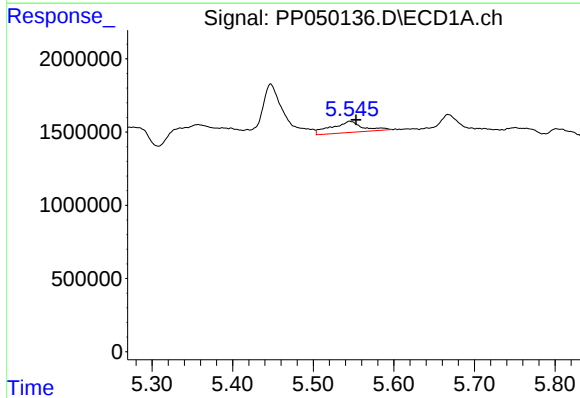
R.T.: 5.546 min
Delta R.T.: 0.015 min
Response: 2058712
Conc: 36.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



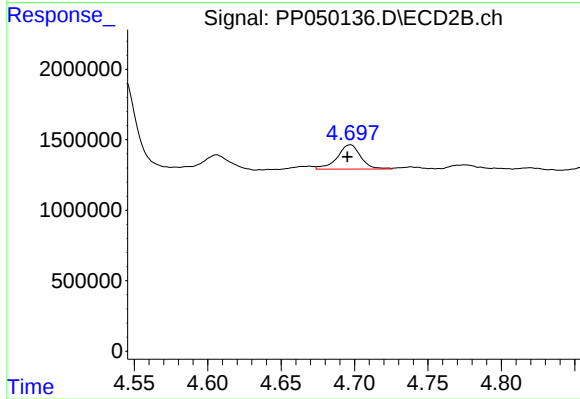
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.007 min
Response: 198584
Conc: 2.23 ng/ml



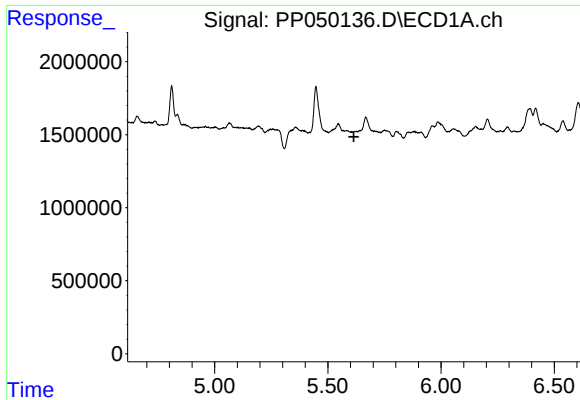
#4 AR-1016-2

R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 2058712
Conc: 25.60 ng/ml



#4 AR-1016-2

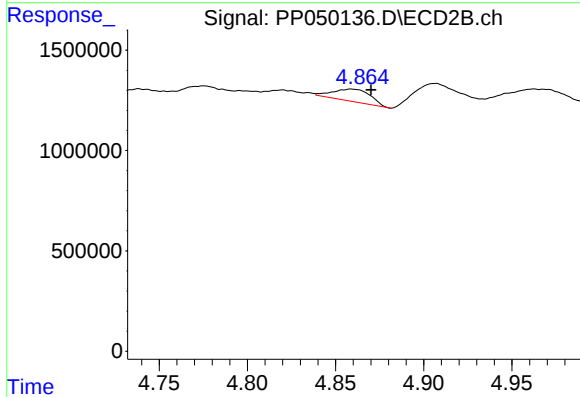
R.T.: 4.697 min
Delta R.T.: 0.002 min
Response: 1925952
Conc: 15.31 ng/ml



#5 AR-1016-3

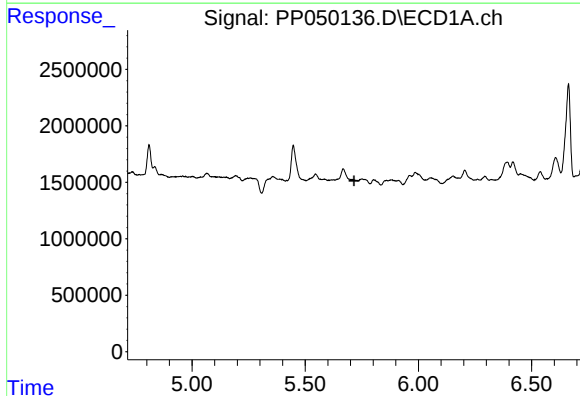
R.T.: 0.000 min
Exp R.T.: 5.615 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



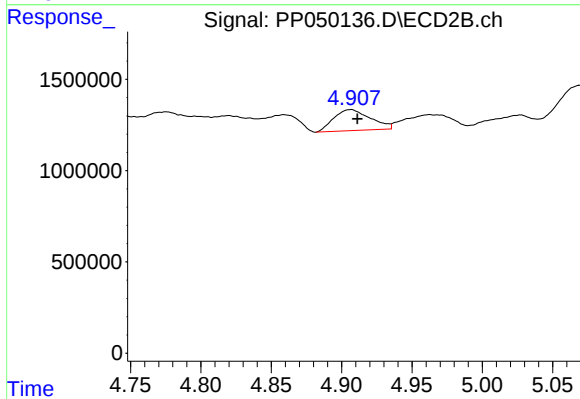
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: -0.011 min
Response: 909675
Conc: 13.84 ng/ml



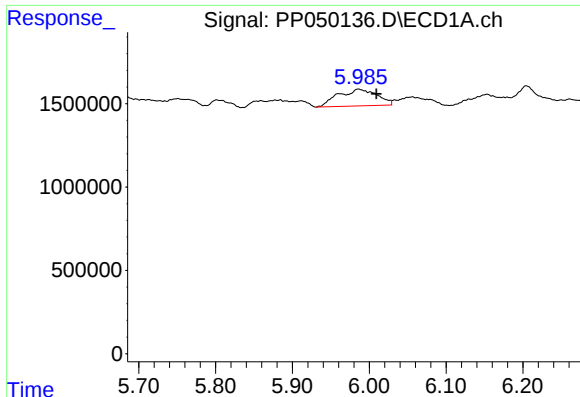
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.715 min
Response: 0
Conc: N.D.



#6 AR-1016-4

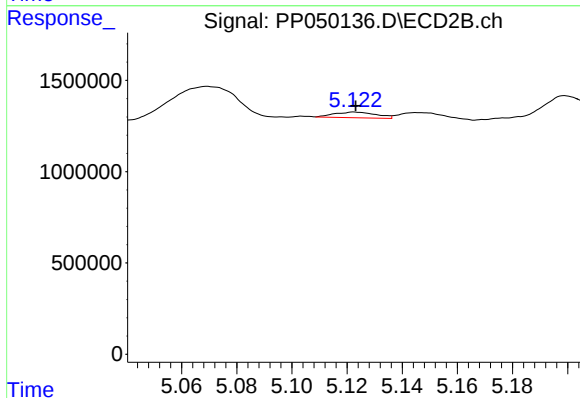
R.T.: 4.907 min
Delta R.T.: -0.004 min
Response: 2095912
Conc: 39.43 ng/ml



#7 AR-1016-5

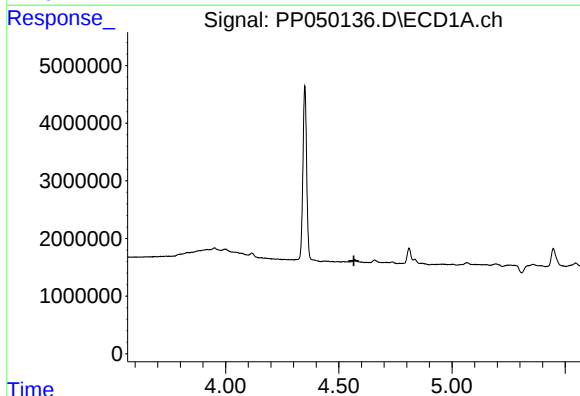
R.T.: 5.986 min
Delta R.T.: -0.023 min
Response: 3536729
Conc: 86.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



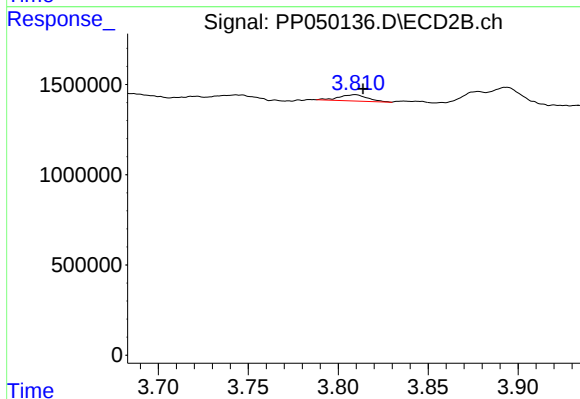
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 330023
Conc: 4.80 ng/ml



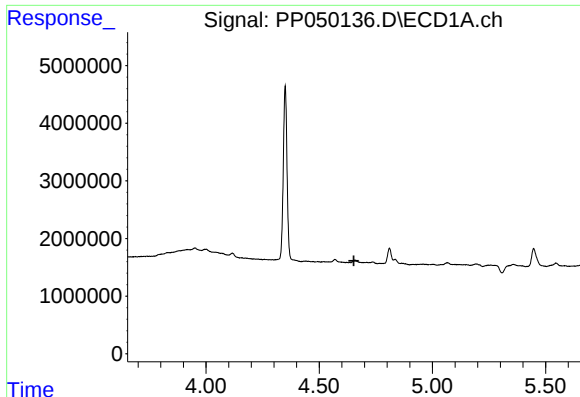
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.566 min
Response: 0
Conc: N.D.



#8 AR-1221-1

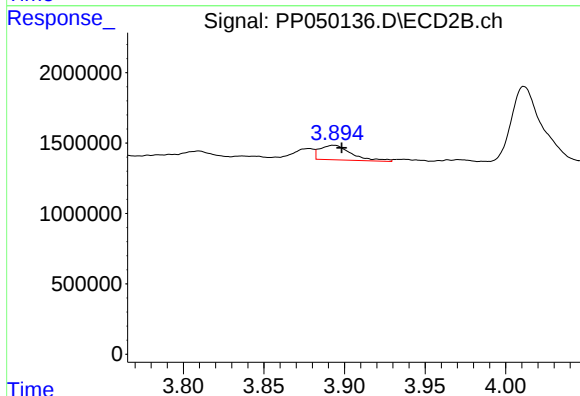
R.T.: 3.810 min
Delta R.T.: -0.004 min
Response: 383910
Conc: 12.72 ng/ml



#9 AR-1221-2

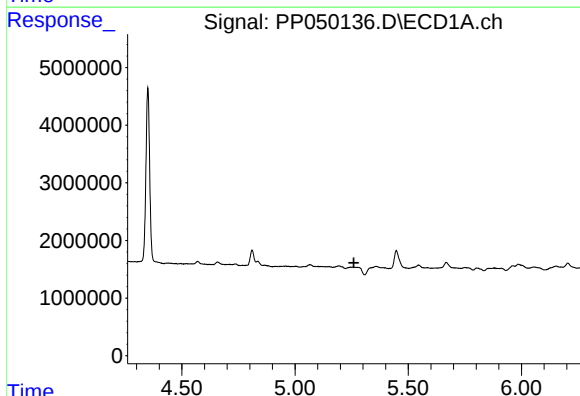
R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



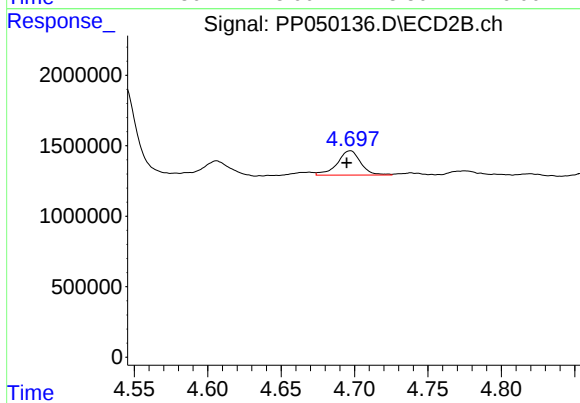
#9 AR-1221-2

R.T.: 3.893 min
Delta R.T.: -0.005 min
Response: 1411349
Conc: 61.79 ng/ml



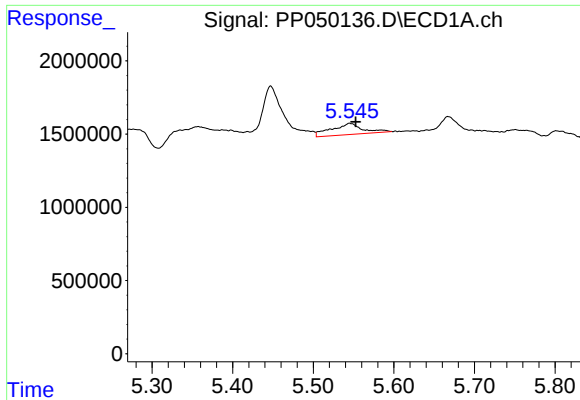
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.260 min
Response: 0
Conc: N.D.



#12 AR-1232-2

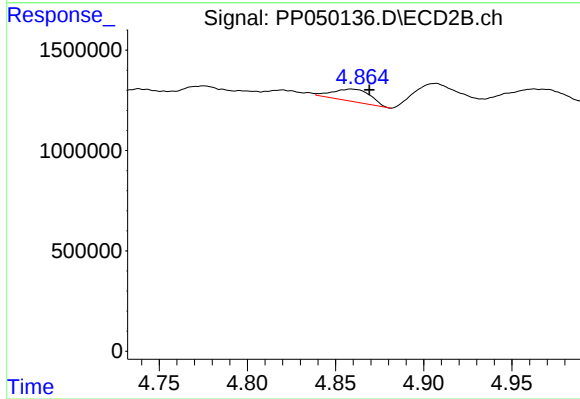
R.T.: 4.697 min
Delta R.T.: 0.003 min
Response: 1925952
Conc: 40.16 ng/ml



#13 AR-1232-3

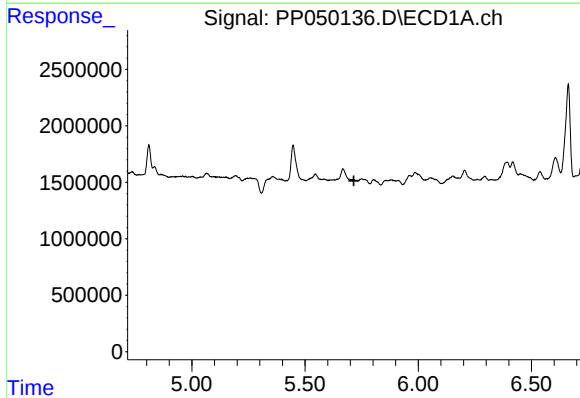
R.T.: 5.546 min
Delta R.T.: -0.007 min
Response: 2058712
Conc: 68.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



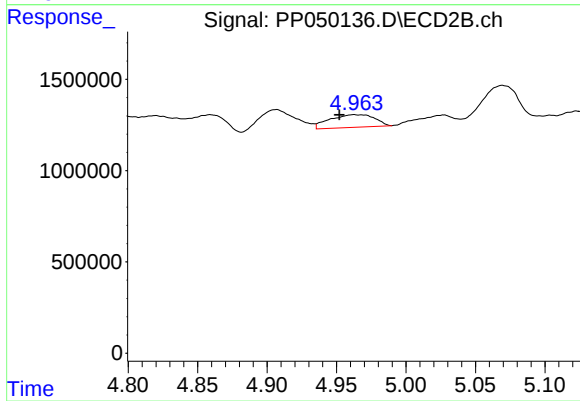
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: -0.010 min
Response: 909675
Conc: 36.44 ng/ml



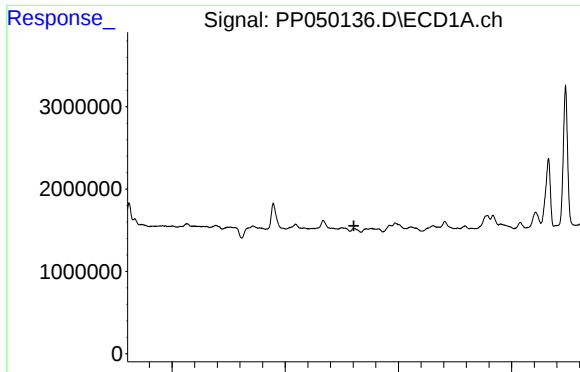
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.716 min
Response: 0
Conc: N.D.



#14 AR-1232-4

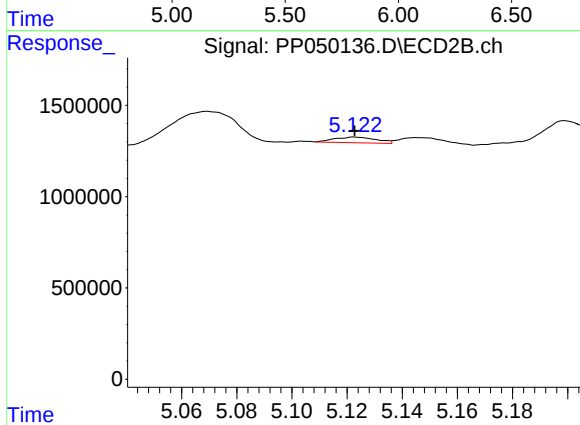
R.T.: 4.963 min
Delta R.T.: 0.011 min
Response: 1560162
Conc: 68.21 ng/ml



#15 AR-1232-5

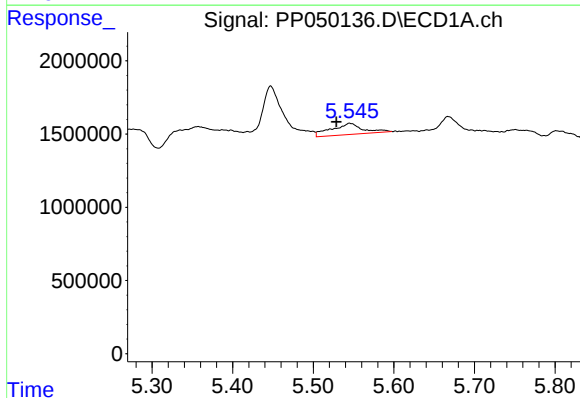
R.T.: 0.000 min
Exp R.T.: 5.803 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



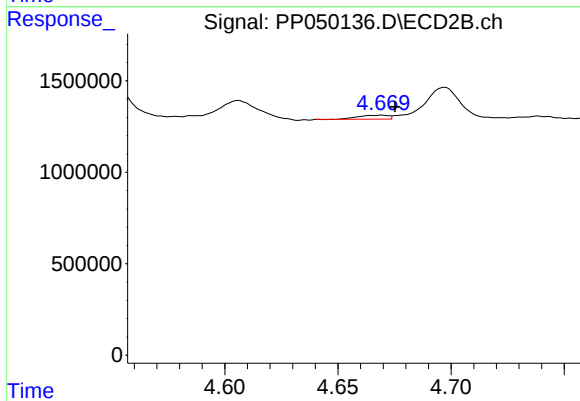
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 330023
Conc: 12.83 ng/ml



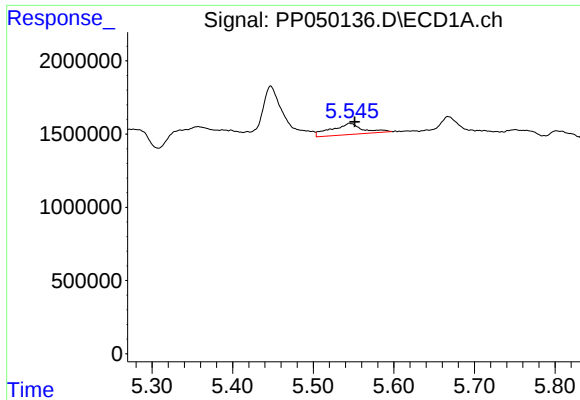
#16 AR-1242-1

R.T.: 5.546 min
Delta R.T.: 0.017 min
Response: 2058712
Conc: 46.05 ng/ml



#16 AR-1242-1

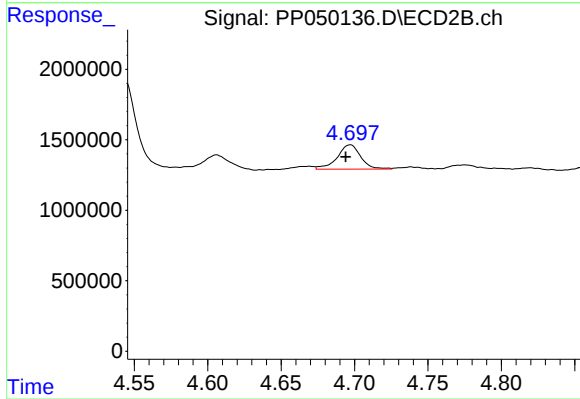
R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 198584
Conc: 2.83 ng/ml



#17 AR-1242-2

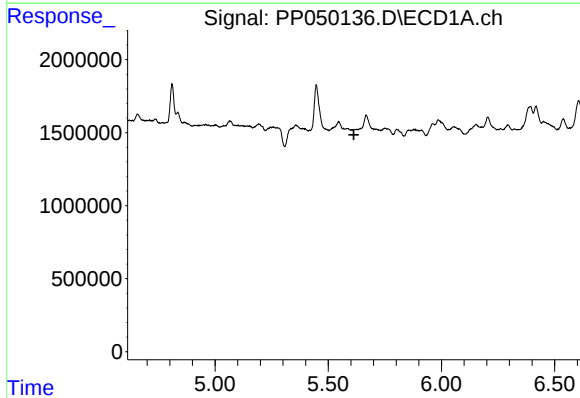
R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 2058712
Conc: 32.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



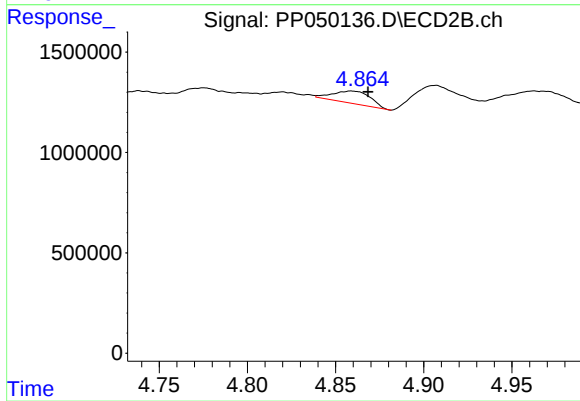
#17 AR-1242-2

R.T.: 4.697 min
Delta R.T.: 0.003 min
Response: 1925952
Conc: 19.52 ng/ml



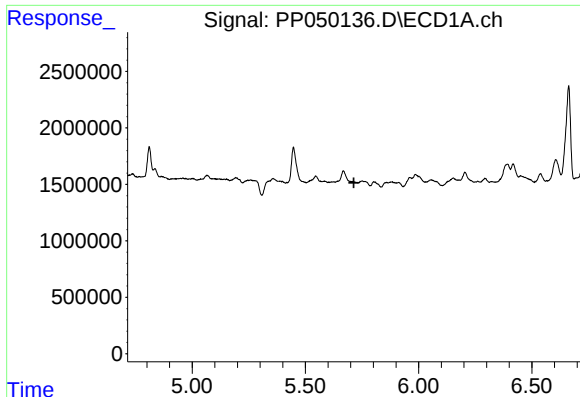
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.614 min
Response: 0
Conc: N.D.



#18 AR-1242-3

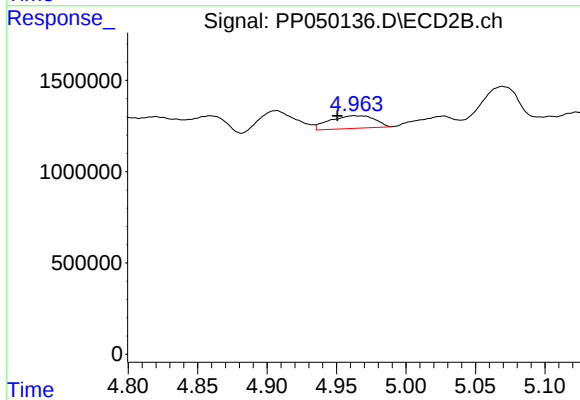
R.T.: 4.859 min
Delta R.T.: -0.010 min
Response: 909675
Conc: 17.43 ng/ml



#19 AR-1242-4

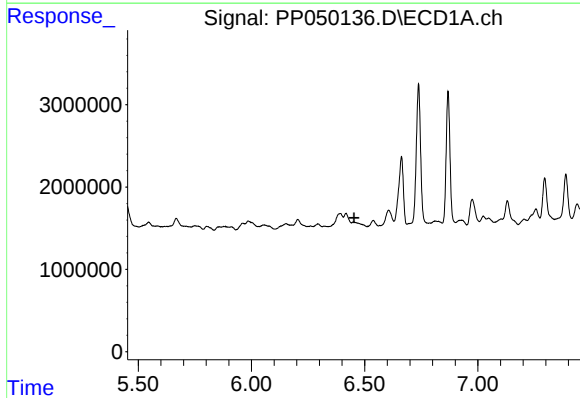
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



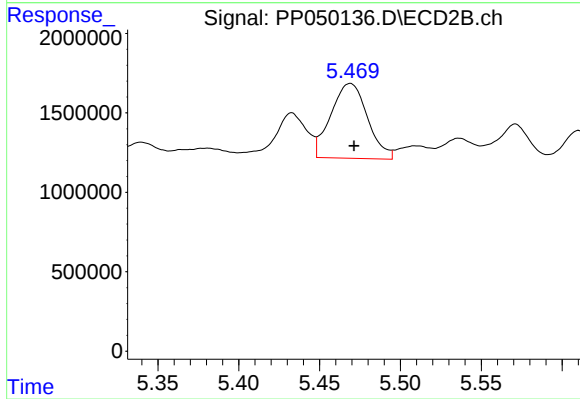
#19 AR-1242-4

R.T.: 4.963 min
Delta R.T.: 0.012 min
Response: 1560162
Conc: 29.77 ng/ml



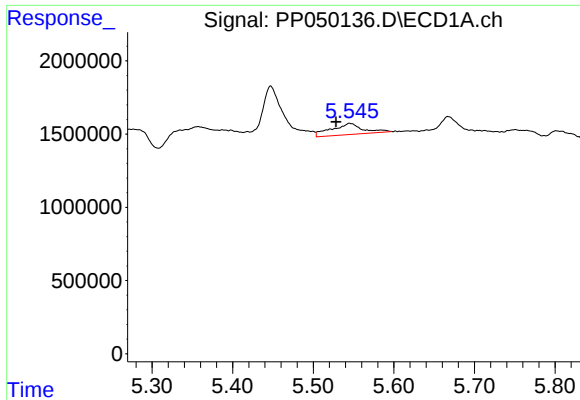
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.



#20 AR-1242-5

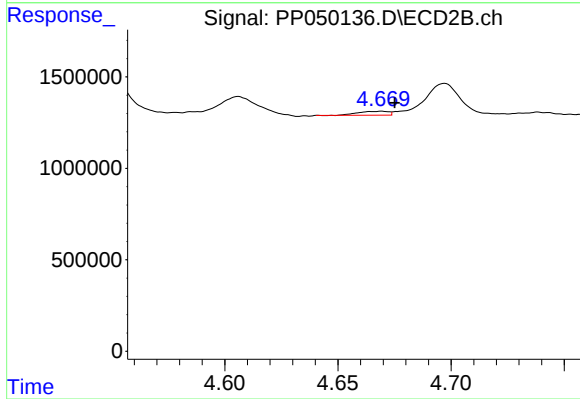
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 7436950
Conc: 117.00 ng/ml



#21 AR-1248-1

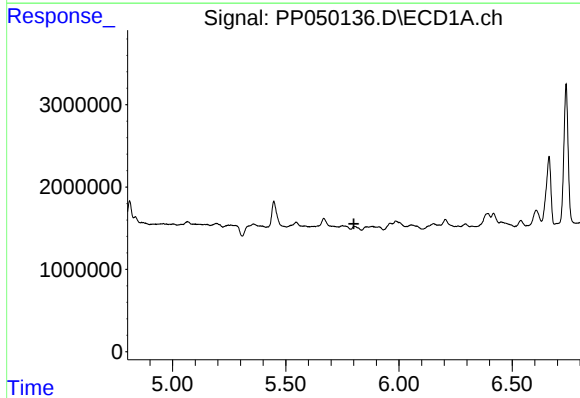
R.T.: 5.546 min
Delta R.T.: 0.017 min
Response: 2058712
Conc: 58.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



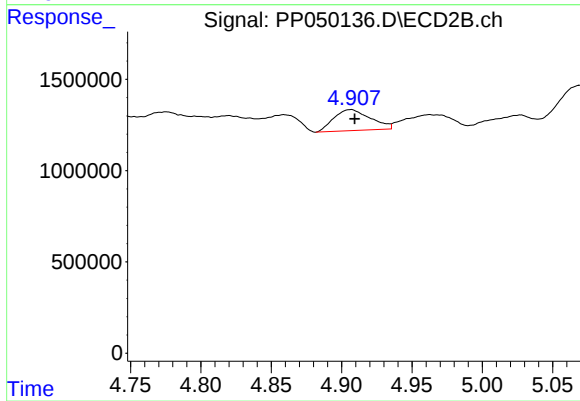
#21 AR-1248-1

R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 198584
Conc: 3.53 ng/ml



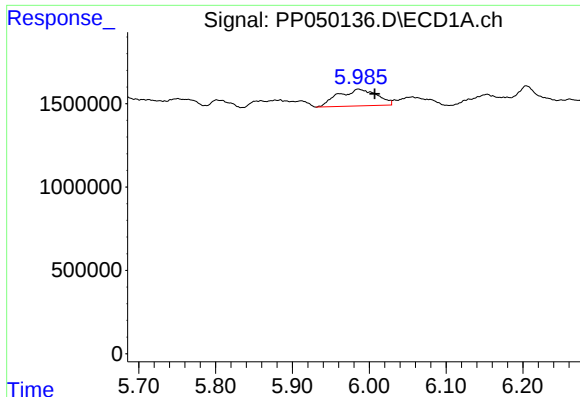
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.801 min
Response: 0
Conc: N.D.



#22 AR-1248-2

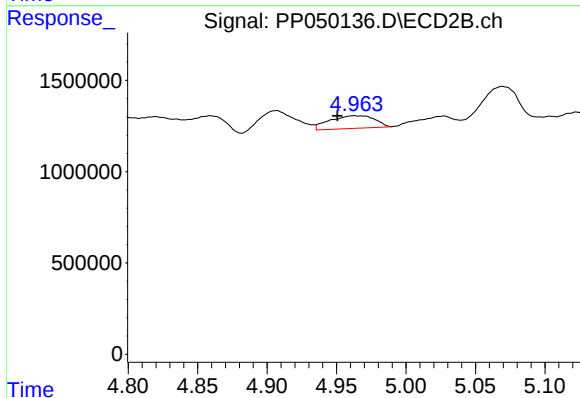
R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 2095912
Conc: 28.16 ng/ml



#23 AR-1248-3

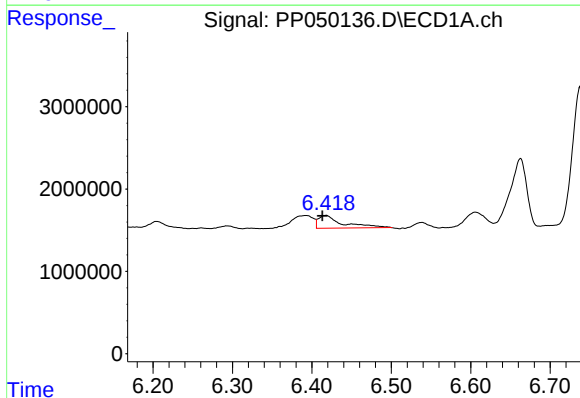
R.T.: 5.986 min
Delta R.T.: -0.021 min
Response: 3536729
Conc: 63.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



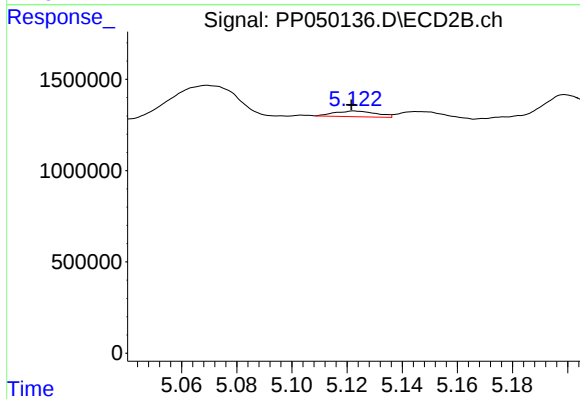
#23 AR-1248-3

R.T.: 4.963 min
Delta R.T.: 0.012 min
Response: 1560162
Conc: 20.43 ng/ml



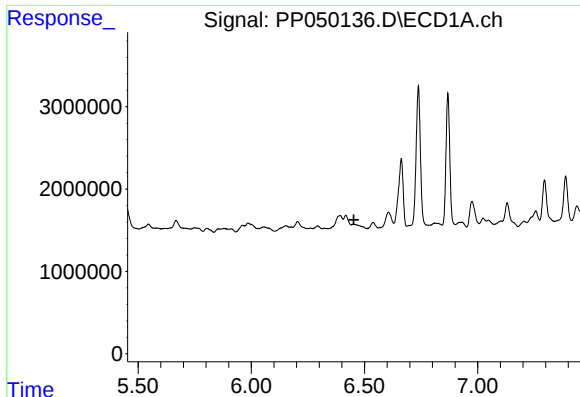
#24 AR-1248-4

R.T.: 6.417 min
Delta R.T.: 0.004 min
Response: 3302388
Conc: 53.27 ng/ml



#24 AR-1248-4

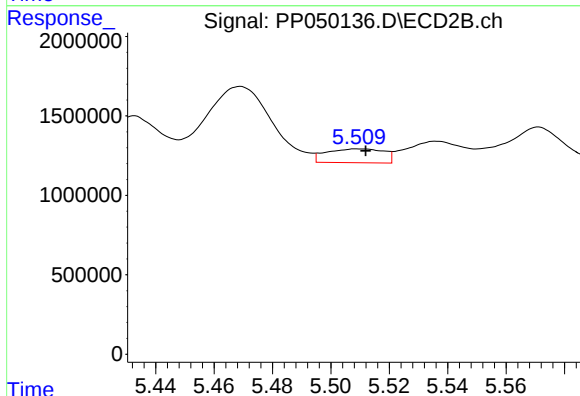
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 330023
Conc: 3.63 ng/ml



#25 AR-1248-5

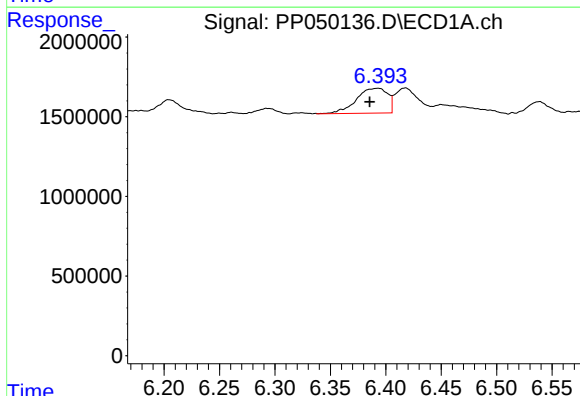
R.T.: 0.000 min
Exp R.T.: 6.453 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



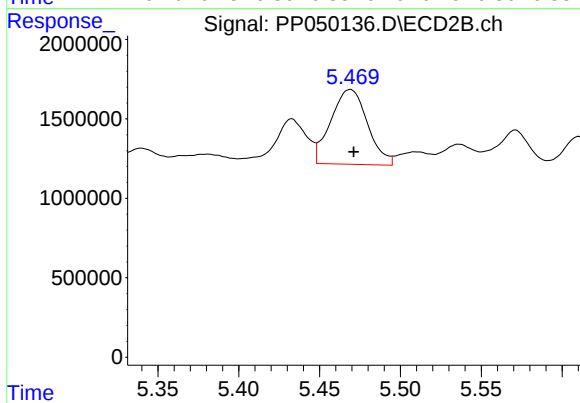
#25 AR-1248-5

R.T.: 5.510 min
Delta R.T.: -0.002 min
Response: 1189023
Conc: 14.27 ng/ml



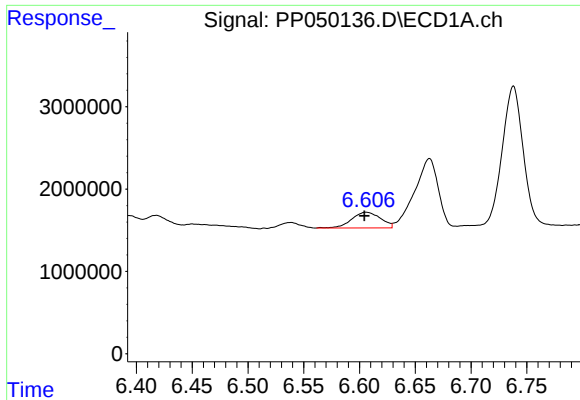
#26 AR-1254-1

R.T.: 6.392 min
Delta R.T.: 0.006 min
Response: 3081675
Conc: 48.93 ng/ml



#26 AR-1254-1

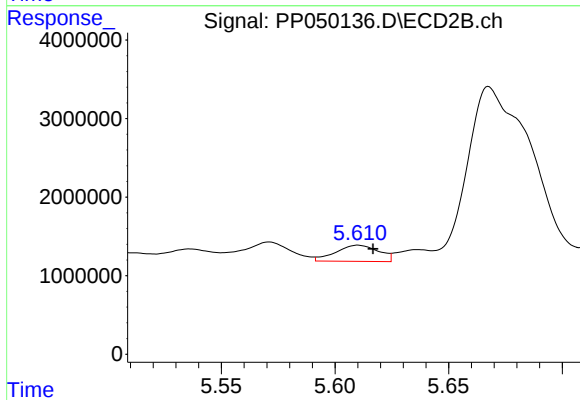
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 7436950
Conc: 58.64 ng/ml



#27 AR-1254-2

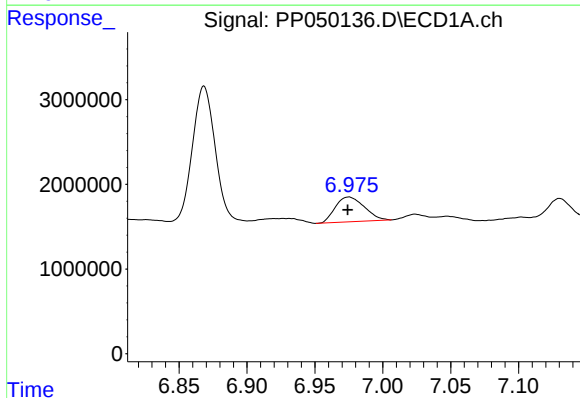
R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 3412638
Conc: 35.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



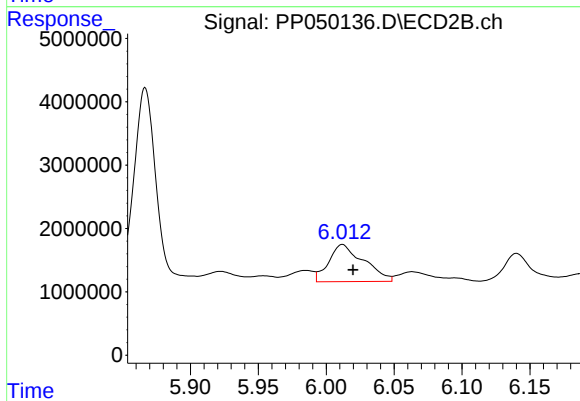
#27 AR-1254-2

R.T.: 5.610 min
Delta R.T.: -0.007 min
Response: 2701181
Conc: 24.44 ng/ml



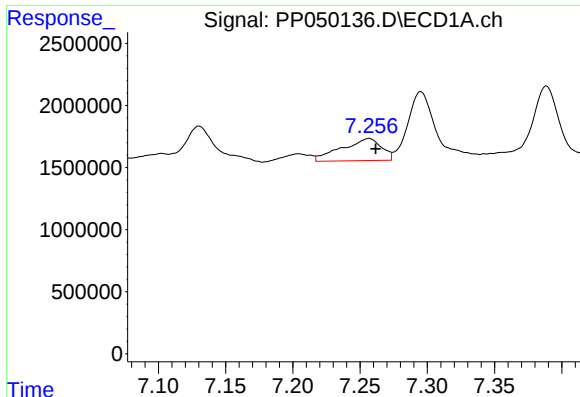
#28 AR-1254-3

R.T.: 6.975 min
Delta R.T.: 0.000 min
Response: 4371006
Conc: 42.30 ng/ml



#28 AR-1254-3

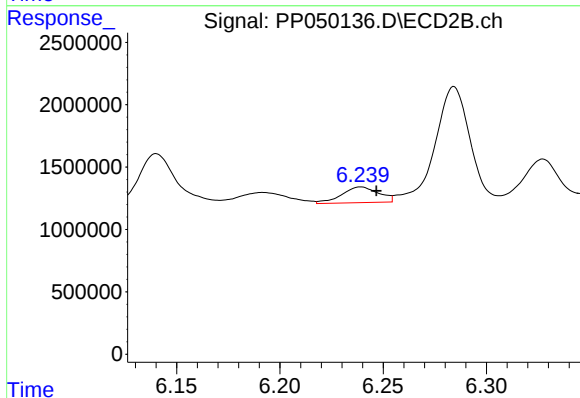
R.T.: 6.012 min
Delta R.T.: -0.008 min
Response: 10520087
Conc: 64.63 ng/ml



#29 AR-1254-4

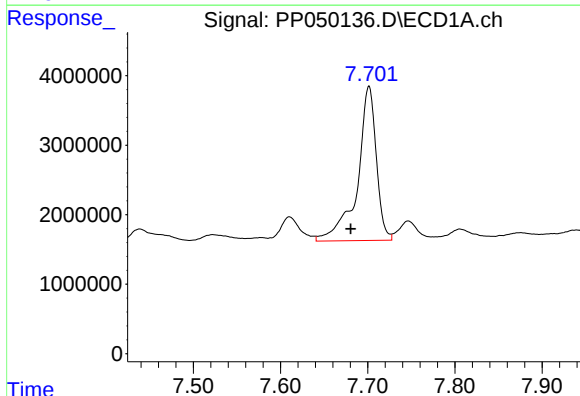
R.T.: 7.256 min
Delta R.T.: -0.005 min
Response: 3641416
Conc: 45.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



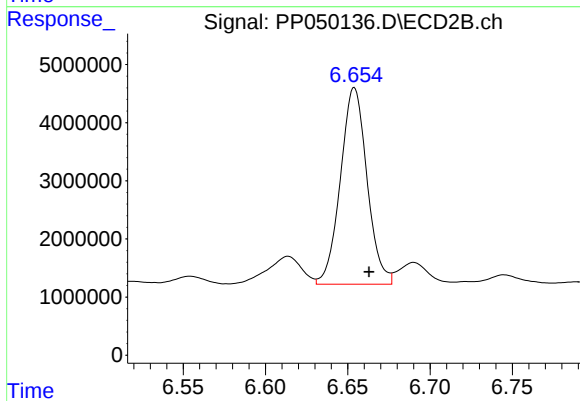
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.008 min
Response: 1556575
Conc: 16.09 ng/ml



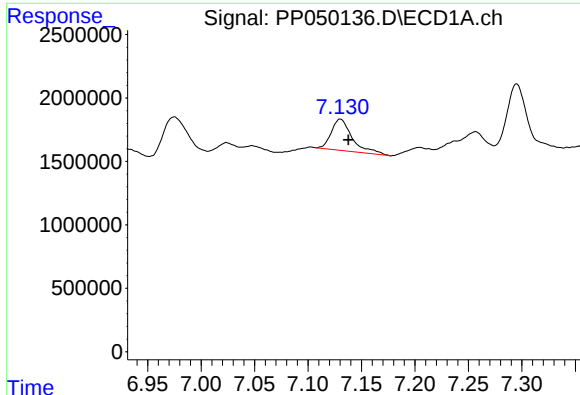
#30 AR-1254-5

R.T.: 7.701 min
Delta R.T.: 0.021 min
Response: 33418041
Conc: 375.98 ng/ml



#30 AR-1254-5

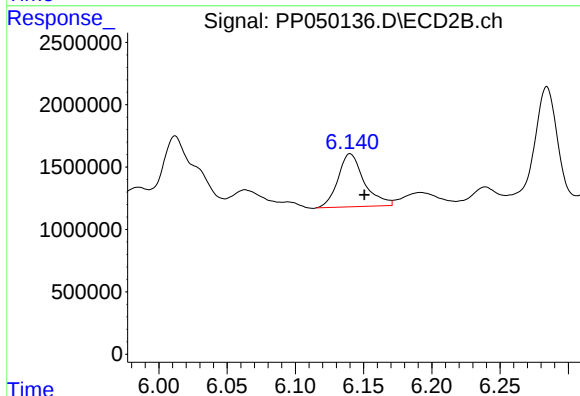
R.T.: 6.654 min
Delta R.T.: -0.009 min
Response: 38070476
Conc: 287.29 ng/ml



#31 AR-1260-1

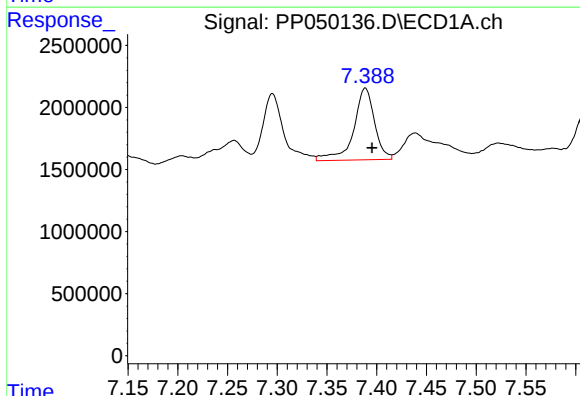
R.T.: 7.130 min
Delta R.T.: -0.007 min
Response: 3371320
Conc: 44.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



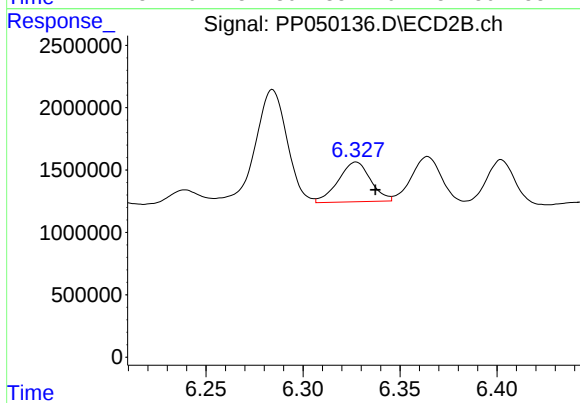
#31 AR-1260-1

R.T.: 6.140 min
Delta R.T.: -0.010 min
Response: 5684833
Conc: 54.24 ng/ml



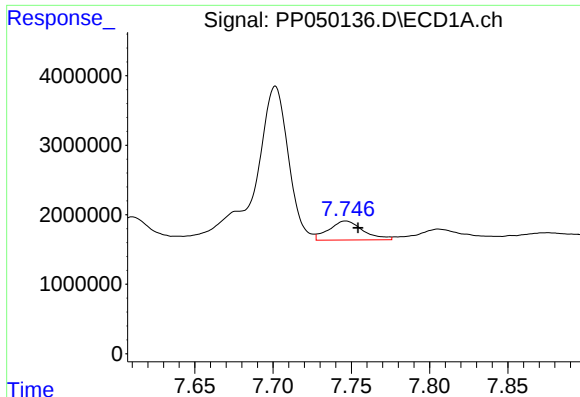
#32 AR-1260-2

R.T.: 7.389 min
Delta R.T.: -0.007 min
Response: 8466460
Conc: 89.44 ng/ml



#32 AR-1260-2

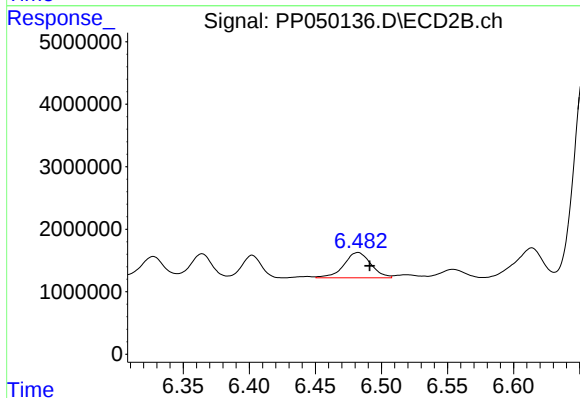
R.T.: 6.327 min
Delta R.T.: -0.010 min
Response: 3707725
Conc: 30.81 ng/ml



#33 AR-1260-3

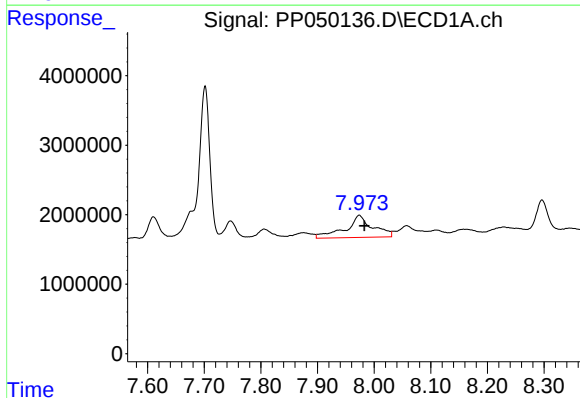
R.T.: 7.747 min
Delta R.T.: -0.008 min
Response: 4151446
Conc: 66.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



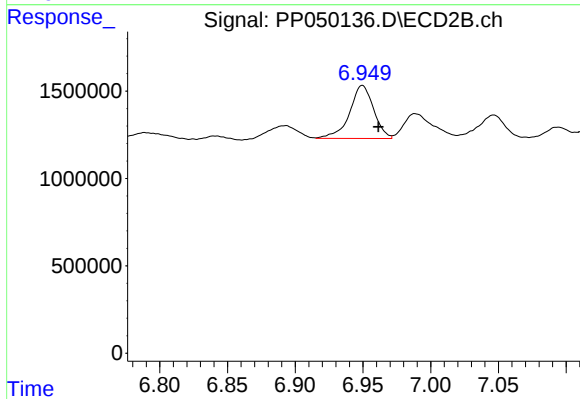
#33 AR-1260-3

R.T.: 6.482 min
Delta R.T.: -0.009 min
Response: 5787896
Conc: 51.15 ng/ml



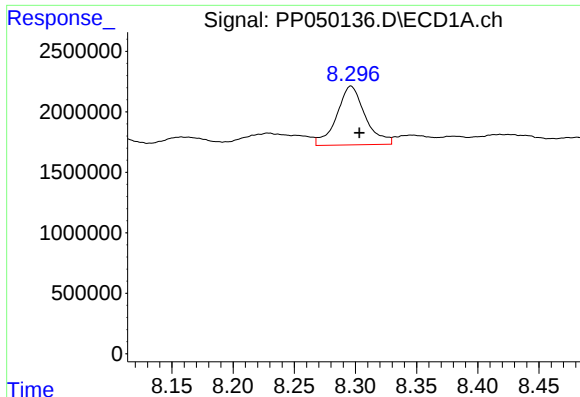
#34 AR-1260-4

R.T.: 7.974 min
Delta R.T.: -0.009 min
Response: 10549160
Conc: 136.34 ng/ml



#34 AR-1260-4

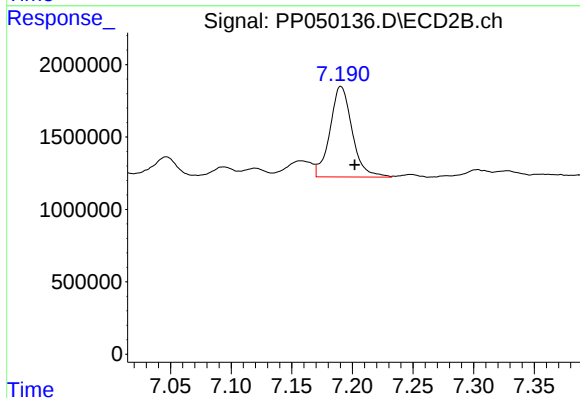
R.T.: 6.950 min
Delta R.T.: -0.012 min
Response: 3761094
Conc: 49.17 ng/ml



#35 AR-1260-5

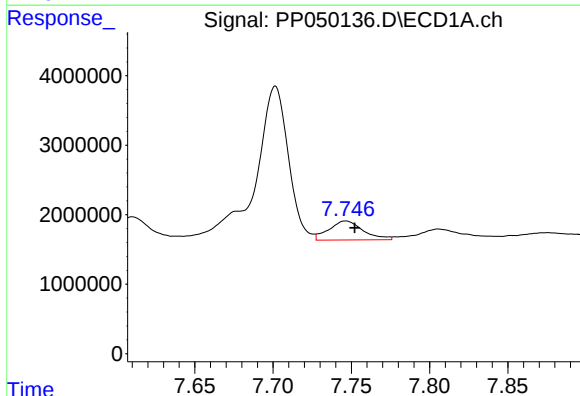
R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 7878078
Conc: 51.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



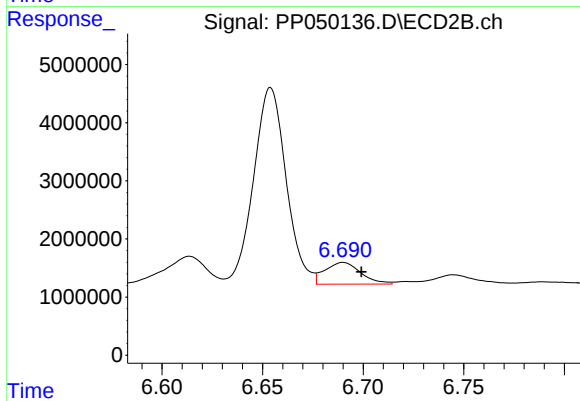
#35 AR-1260-5

R.T.: 7.191 min
Delta R.T.: -0.011 min
Response: 7970390
Conc: 46.61 ng/ml



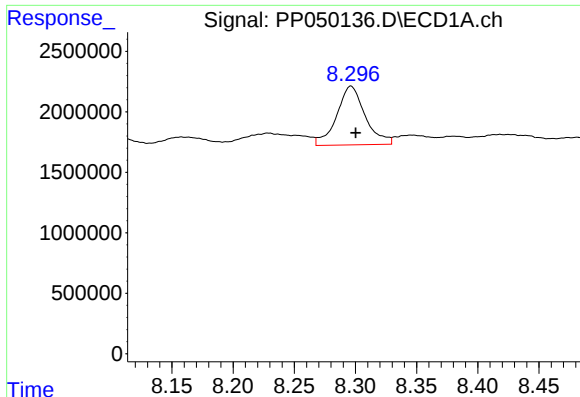
#36 AR-1262-1

R.T.: 7.747 min
Delta R.T.: -0.006 min
Response: 4151446
Conc: 43.13 ng/ml



#36 AR-1262-1

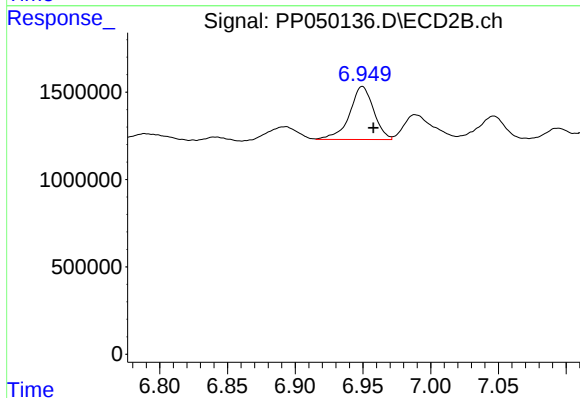
R.T.: 6.690 min
Delta R.T.: -0.009 min
Response: 4656989
Conc: 39.29 ng/ml



#37 AR-1262-2

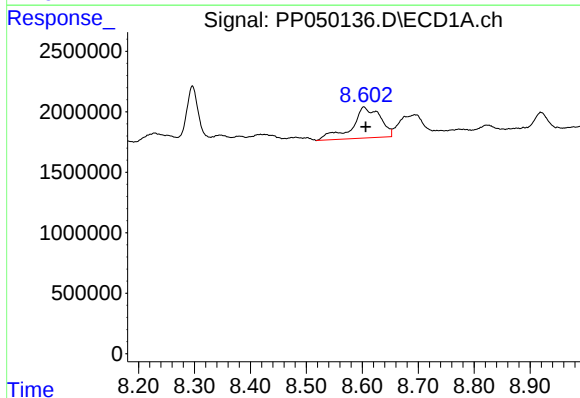
R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 7878078
Conc: 44.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



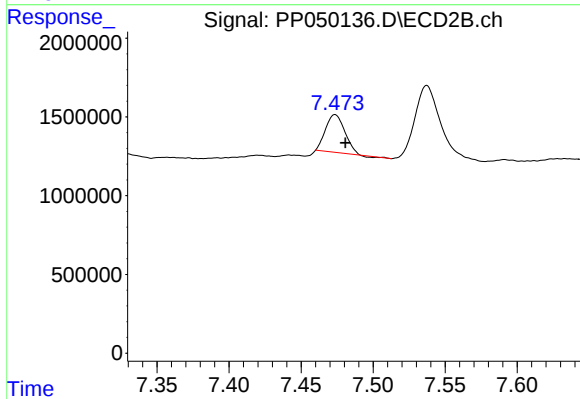
#37 AR-1262-2

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 3761094
Conc: 37.22 ng/ml



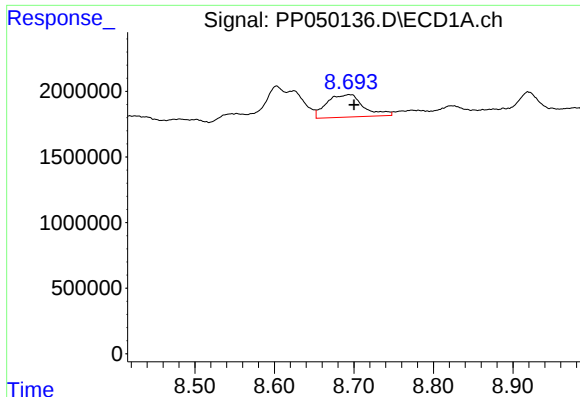
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 9049383
Conc: 115.24 ng/ml



#38 AR-1262-3

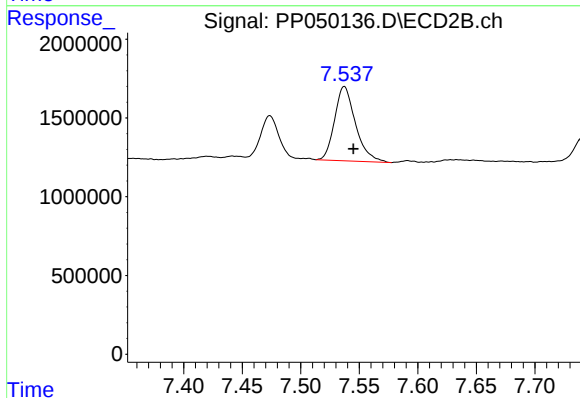
R.T.: 7.474 min
Delta R.T.: -0.007 min
Response: 2205656
Conc: 34.07 ng/ml



#39 AR-1262-4

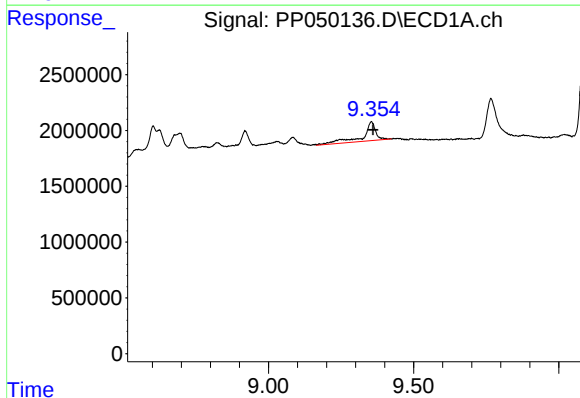
R.T.: 8.694 min
Delta R.T.: -0.006 min
Response: 5525365
Conc: 122.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



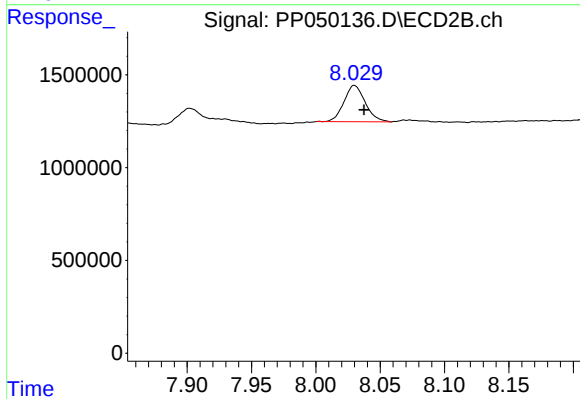
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: -0.008 min
Response: 5867150
Conc: 45.86 ng/ml



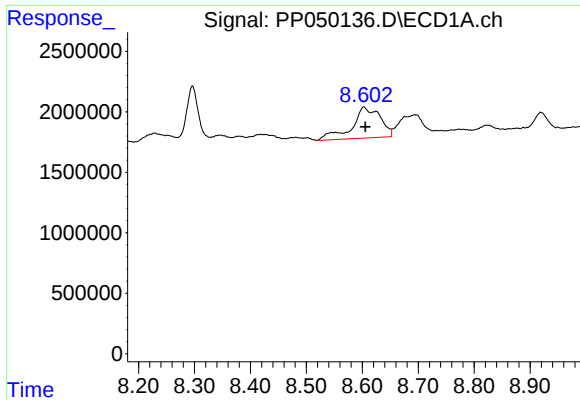
#40 AR-1262-5

R.T.: 9.354 min
Delta R.T.: -0.006 min
Response: 5356448
Conc: 76.88 ng/ml



#40 AR-1262-5

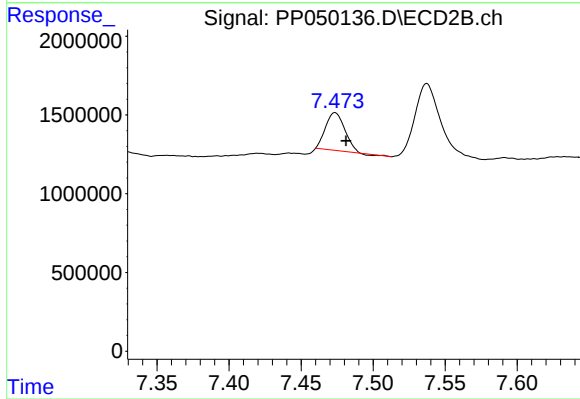
R.T.: 8.030 min
Delta R.T.: -0.007 min
Response: 2246977
Conc: 40.92 ng/ml



#41 AR-1268-1

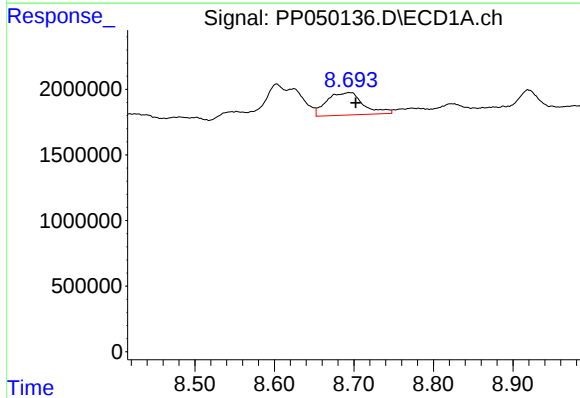
R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 9049383
Conc: 44.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



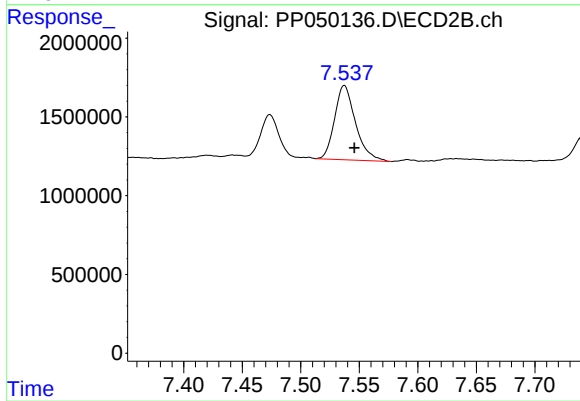
#41 AR-1268-1

R.T.: 7.474 min
Delta R.T.: -0.008 min
Response: 2205656
Conc: 12.01 ng/ml



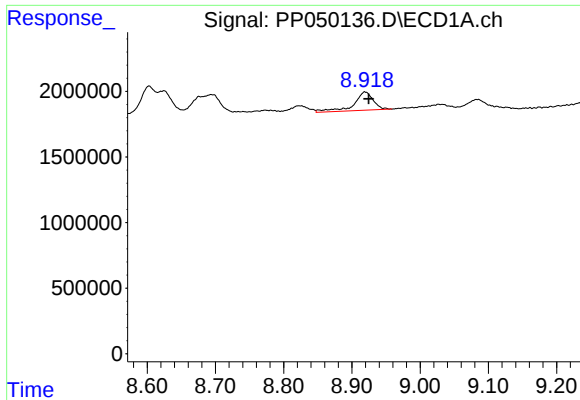
#42 AR-1268-2

R.T.: 8.694 min
Delta R.T.: -0.008 min
Response: 5525365
Conc: 29.79 ng/ml



#42 AR-1268-2

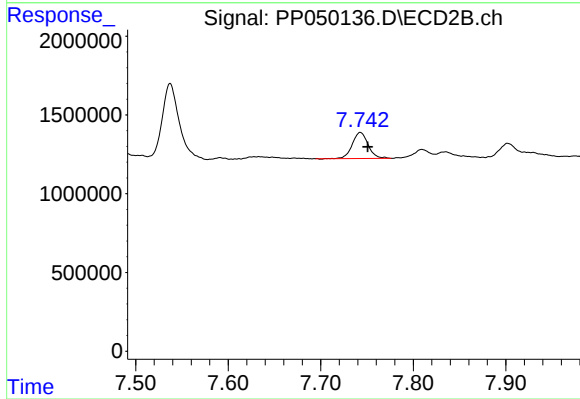
R.T.: 7.537 min
Delta R.T.: -0.009 min
Response: 5867150
Conc: 33.91 ng/ml



#43 AR-1268-3

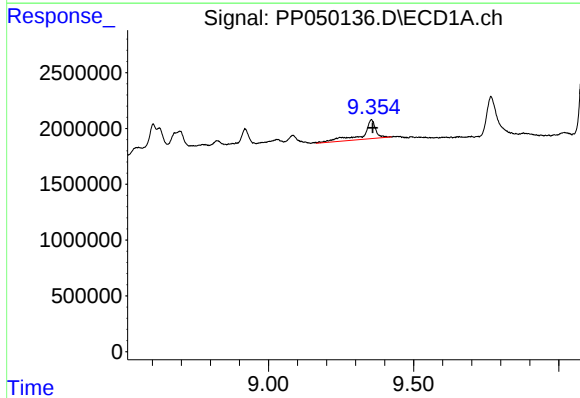
R.T.: 8.919 min
Delta R.T.: -0.005 min
Response: 2775811
Conc: 17.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



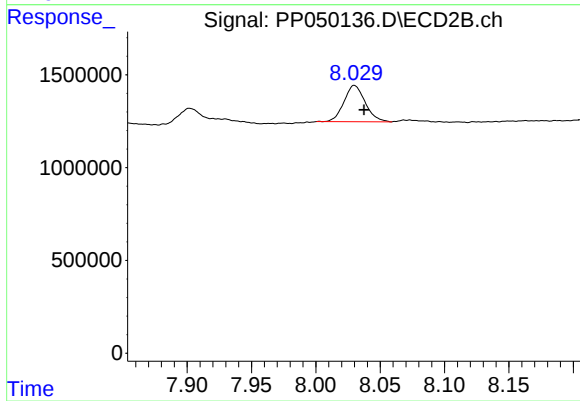
#43 AR-1268-3

R.T.: 7.743 min
Delta R.T.: -0.008 min
Response: 1989572
Conc: 14.14 ng/ml



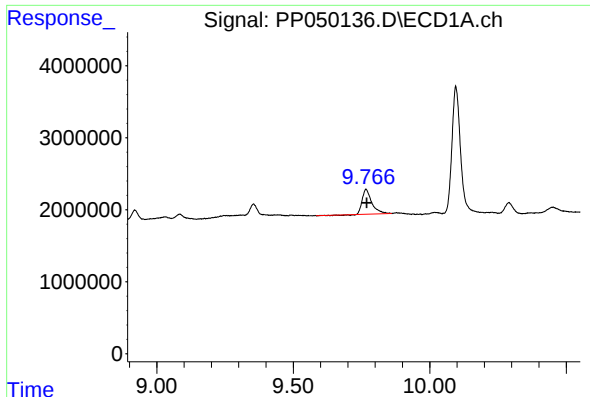
#44 AR-1268-4

R.T.: 9.354 min
Delta R.T.: -0.005 min
Response: 5356448
Conc: 71.56 ng/ml



#44 AR-1268-4

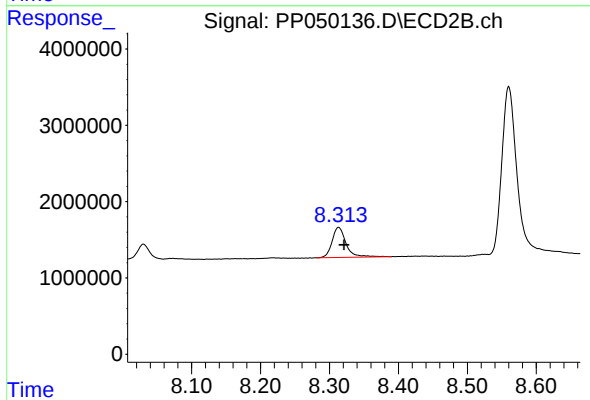
R.T.: 8.030 min
Delta R.T.: -0.008 min
Response: 2246977
Conc: 37.16 ng/ml



#45 AR-1268-5

R.T.: 9.766 min
Delta R.T.: -0.002 min
Response: 8426494
Conc: 16.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.313 min
Delta R.T.: -0.008 min
Response: 5568625
Conc: 13.61 ng/ml