

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080922\
 Data File : PP050381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 15:27
 Operator : YP\AJ
 Sample : N3980-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 01:41:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 09 11:38:04 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...	4.347	3.594	23494136	43476030	14.596	13.880
2)	SA Decachlor...	10.095	8.559	25853628	22013946	14.682	14.303
Target Compounds							
3)	L1 AR-1016-1	5.525	4.666	1210553	1911143	19.333	18.802
4)	L1 AR-1016-2	5.547	4.685	1625767	2693502	18.359	18.622
5)	L1 AR-1016-3	0.000	4.859	0	1427883	N.D.	18.817 #
6)	L1 AR-1016-4	0.000	4.901	0	1129158	N.D.	19.379 #
7)	L1 AR-1016-5	0.000	5.112	0	2005072	N.D.	26.242 #
8)	L2 AR-1221-1	0.000	3.802	0	261042	N.D.	6.830 #
9)	L2 AR-1221-2	0.000	3.890	0	864186	N.D.	30.263 #
10)	L2 AR-1221-3	0.000	3.964	0	1042678	N.D.	12.179 #
11)	L3 AR-1232-1	0.000	3.964	0	1042678	N.D.	14.936 #
12)	L3 AR-1232-2	0.000	4.685	0	2693502	N.D.	41.896 #
13)	L3 AR-1232-3	5.547	4.859	1625767	1427883	41.289	42.572
14)	L3 AR-1232-4	0.000	4.942	0	1372361	N.D.	46.584 #
15)	L3 AR-1232-5	0.000	5.112	0	2005072	N.D.	60.888 #
16)	L4 AR-1242-1	5.525	4.666	1210553	1911143	23.885	23.054
17)	L4 AR-1242-2	5.547	4.685	1625767	2693502	22.505	23.065
18)	L4 AR-1242-3	0.000	4.859	0	1427883	N.D.	23.286 #
19)	L4 AR-1242-4	0.000	4.942	0	1372361	N.D.	23.443 #
20)	L4 AR-1242-5	0.000	5.461	0	1487718	N.D.	21.403 #
21)	L5 AR-1248-1	5.525	4.666	1210553	1911143	29.981	28.595
22)	L5 AR-1248-2	0.000	4.901	0	1129158	N.D.	13.071 #
23)	L5 AR-1248-3	0.000	4.942	0	1372361	N.D.	15.138 #
24)	L5 AR-1248-4	0.000	5.112	0	2005072	N.D.	19.024 #
25)	L5 AR-1248-5	0.000	5.486	0	954426	N.D.	9.613 #
26)	L6 AR-1254-1	0.000	5.461	0	1487718	N.D.	10.468 #
27)	L6 AR-1254-2	0.000	5.608	0	951328	N.D.	8.039 #
28)	L6 AR-1254-3	0.000	6.024f	0	1815884	N.D.	10.553 #
29)	L6 AR-1254-4	0.000	6.233	0	35095	N.D.	0.333 #
30)	L6 AR-1254-5	7.676	6.653	2645949	2782146	26.374	20.894
31)	L7 AR-1260-1	7.131	6.139	1823813	2347124	19.969	20.713
32)	L7 AR-1260-2	7.390	6.326	2082994	3090847	18.232	23.008 #
33)	L7 AR-1260-3	7.748	6.479	1492723	2469415	17.529	20.499
34)	L7 AR-1260-4	7.977	6.948	2037893	1888073	21.409	21.298
35)	L7 AR-1260-5	8.297	7.190	3261357	4025592	17.447	20.650
36)	L8 AR-1262-1	7.748	6.690	1492723	2244952	12.465	16.612 #
37)	L8 AR-1262-2	8.297	6.948	3261357	1888073	15.094	17.376
38)	L8 AR-1262-3	8.626f	7.473	1130077	1077580	11.500	14.849 #
39)	L8 AR-1262-4	0.000	7.537	0	2723629	N.D.	19.755 #
40)	L8 AR-1262-5	0.000	8.030	0	792527	N.D.	12.305 #
41)	L9 AR-1268-1	8.626f	7.473	1130077	1077580	4.451	4.904

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.537	0	2723629	N.D.	13.675 #
44) L9	AR-1268-4	0.000	8.030	0	792527	N.D.	11.154 #
45) L9	AR-1268-5	9.786f	8.315	5207797	357962	7.808	0.650 #

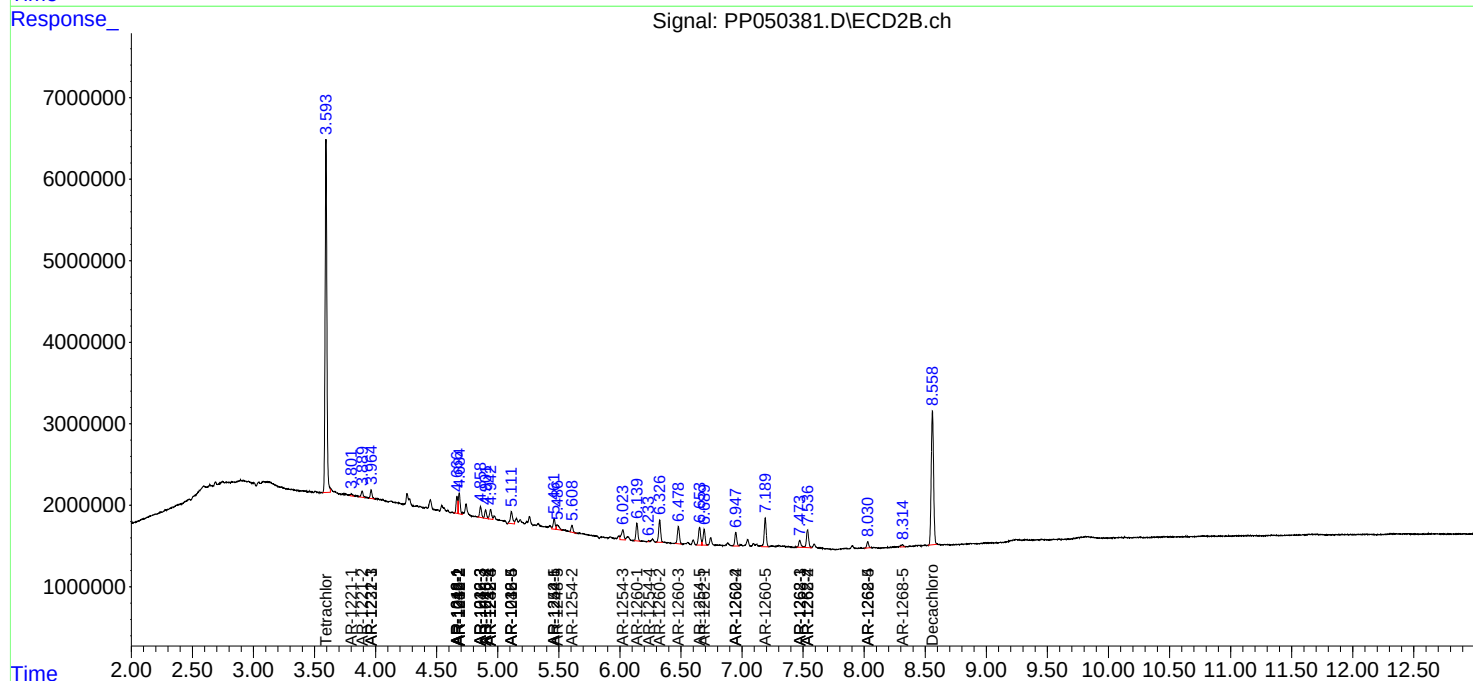
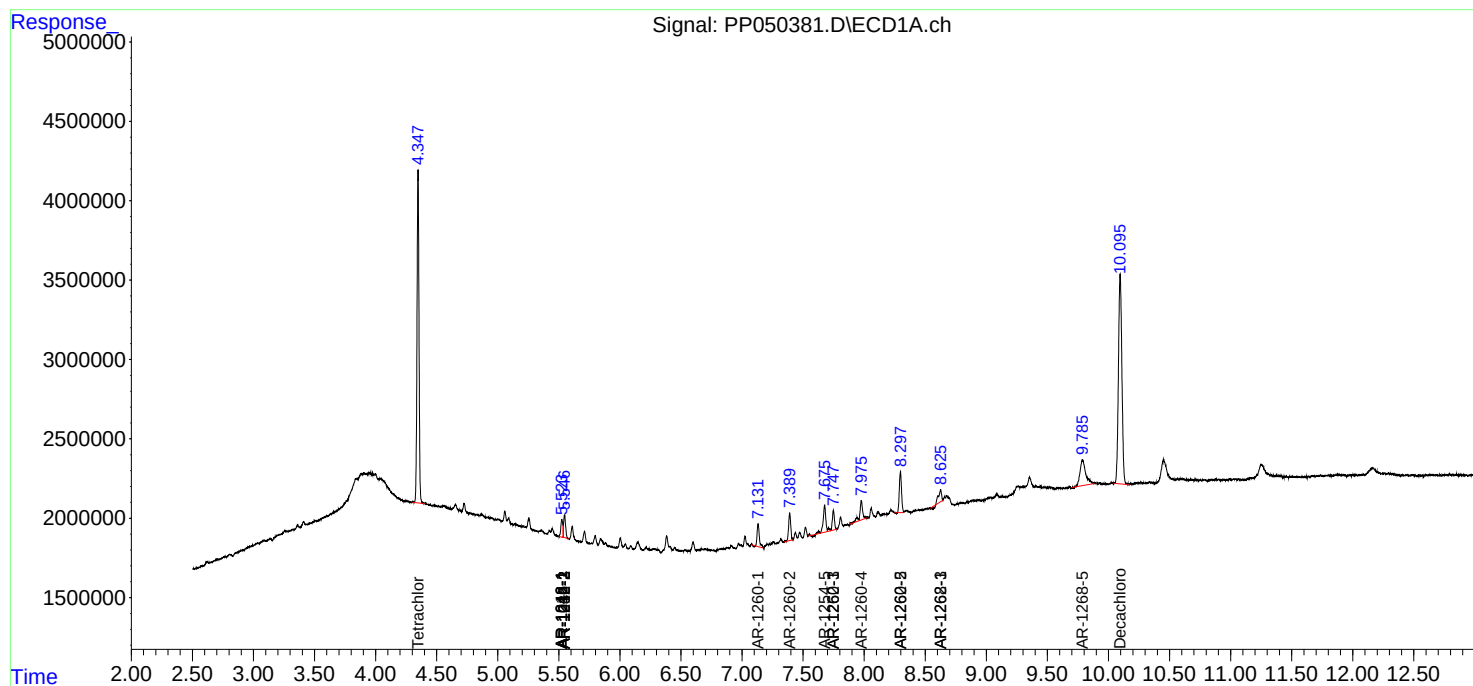
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

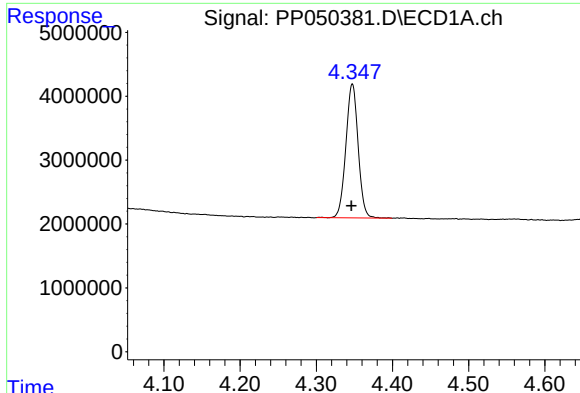
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

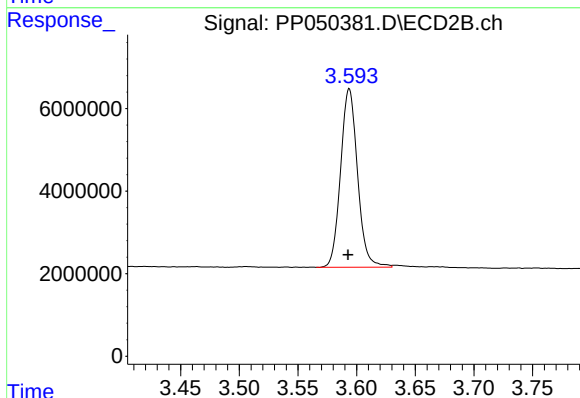




#1 Tetrachloro-m-xylene

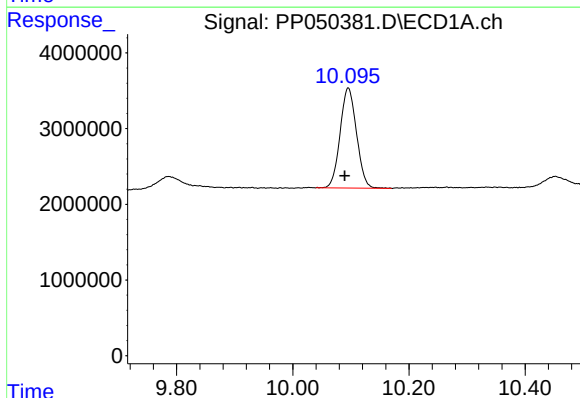
R.T.: 4.347 min
Delta R.T.: 0.001 min
Response: 23494136
Conc: 14.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



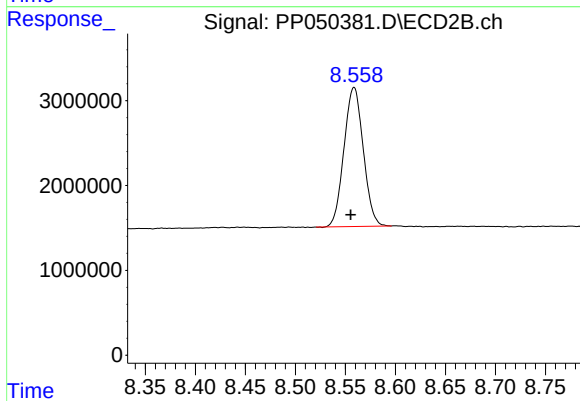
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: 0.001 min
Response: 43476030
Conc: 13.88 ng/ml



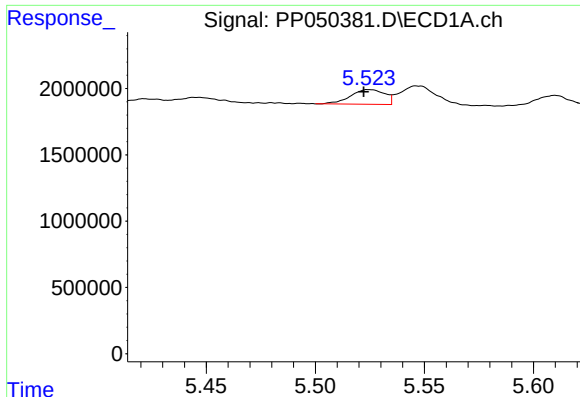
#2 Decachlorobiphenyl

R.T.: 10.095 min
Delta R.T.: 0.006 min
Response: 25853628
Conc: 14.68 ng/ml



#2 Decachlorobiphenyl

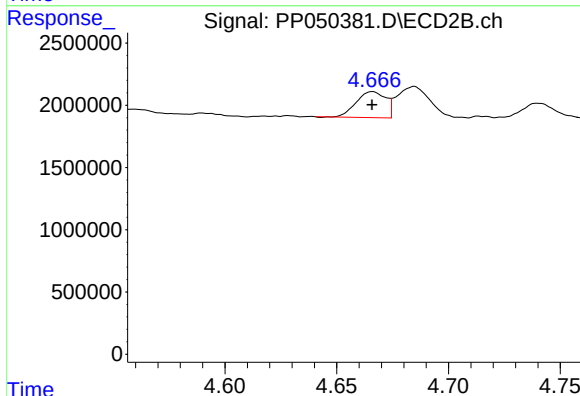
R.T.: 8.559 min
Delta R.T.: 0.004 min
Response: 22013946
Conc: 14.30 ng/ml



#3 AR-1016-1

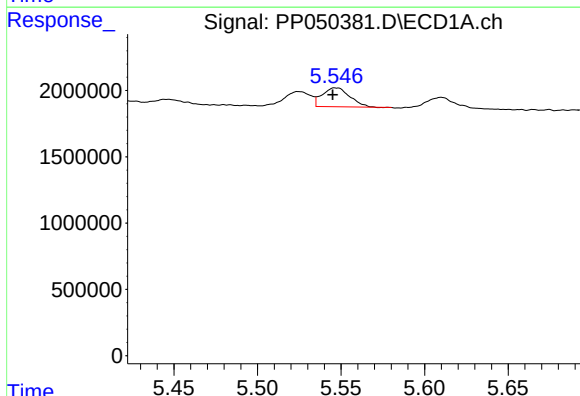
R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 1210553
Conc: 19.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



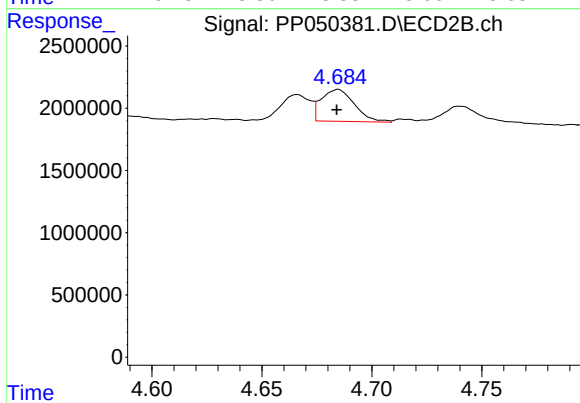
#3 AR-1016-1

R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 1911143
Conc: 18.80 ng/ml



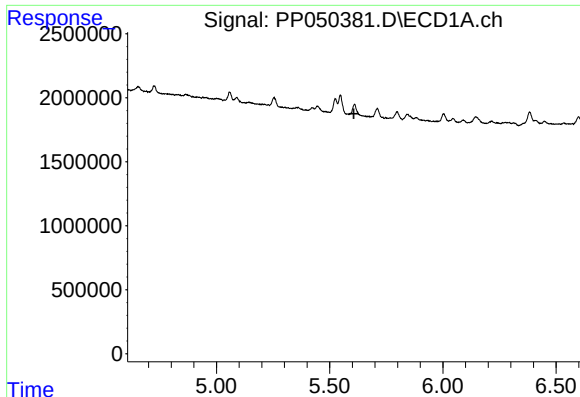
#4 AR-1016-2

R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 1625767
Conc: 18.36 ng/ml



#4 AR-1016-2

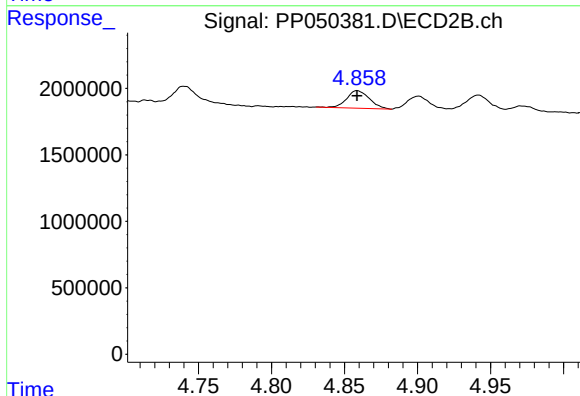
R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 2693502
Conc: 18.62 ng/ml



#5 AR-1016-3

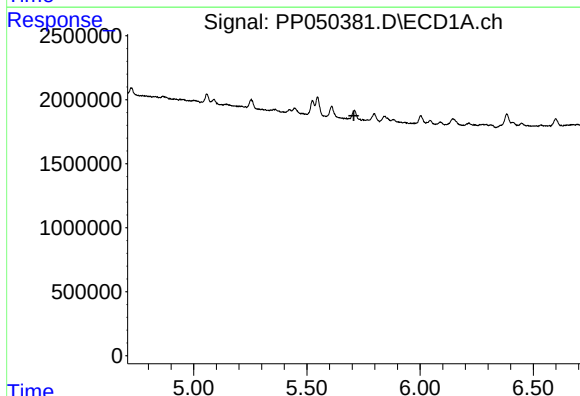
R.T.: 0.000 min
Exp R.T.: 5.606 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



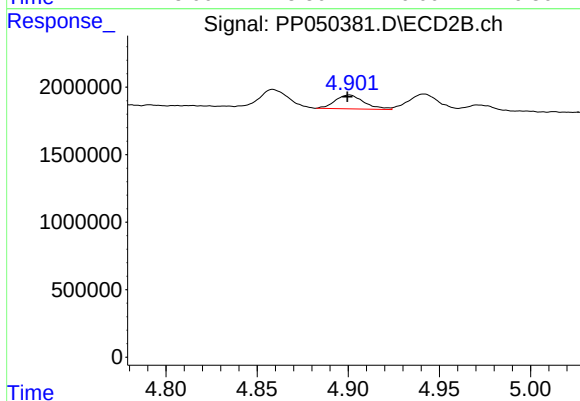
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 1427883
Conc: 18.82 ng/ml



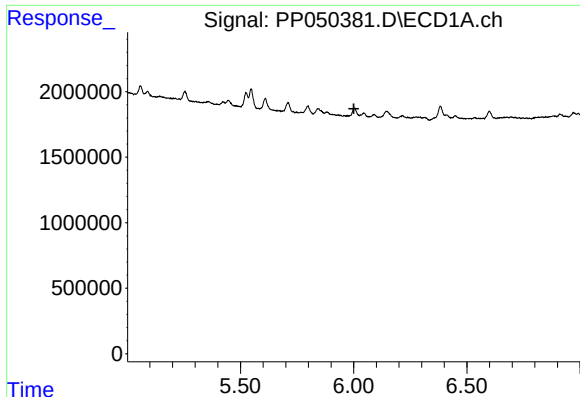
#6 AR-1016-4

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



#6 AR-1016-4

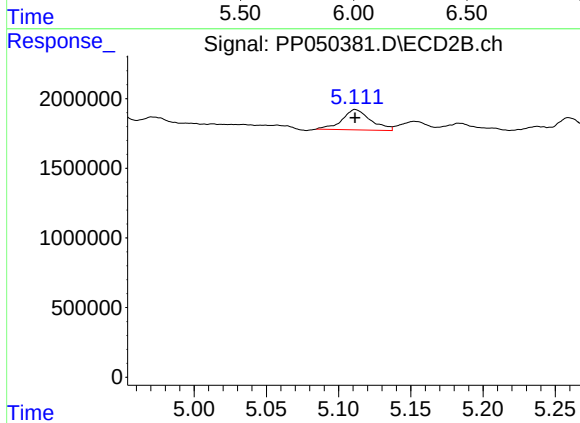
R.T.: 4.901 min
Delta R.T.: 0.001 min
Response: 1129158
Conc: 19.38 ng/ml



#7 AR-1016-5

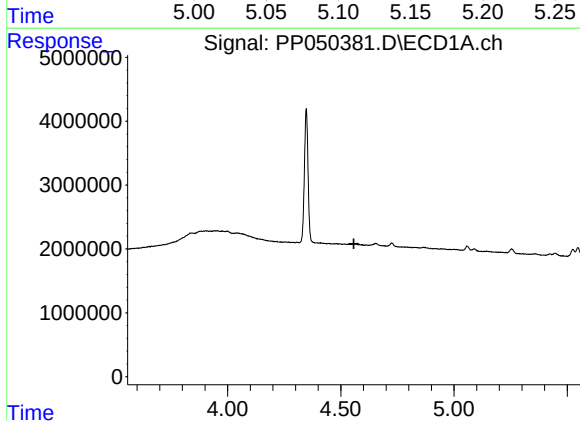
R.T.: 0.000 min
Exp R.T.: 6.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



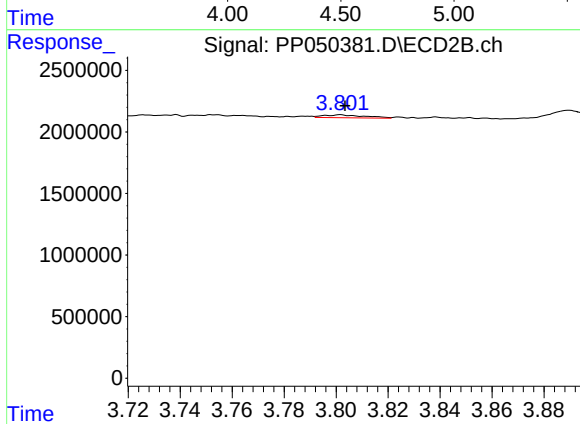
#7 AR-1016-5

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 2005072
Conc: 26.24 ng/ml



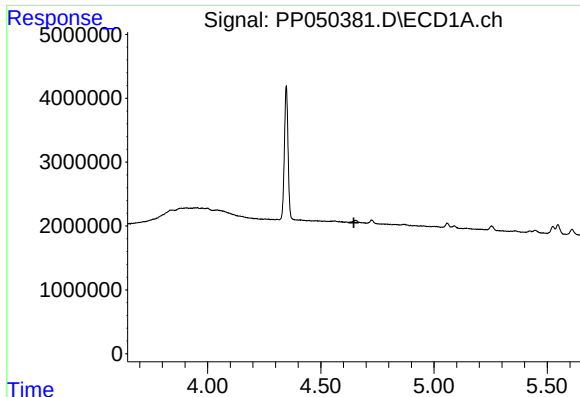
#8 AR-1221-1

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



#8 AR-1221-1

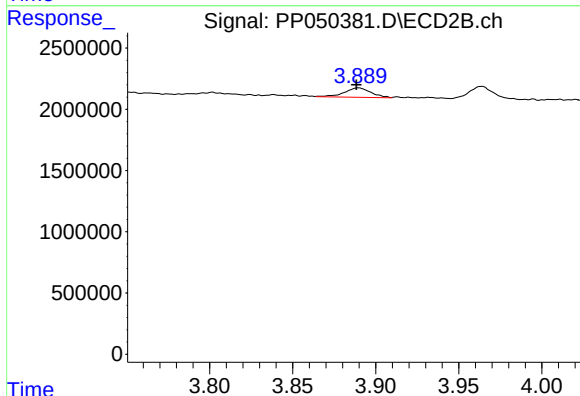
R.T.: 3.802 min
Delta R.T.: -0.002 min
Response: 261042
Conc: 6.83 ng/ml



#9 AR-1221-2

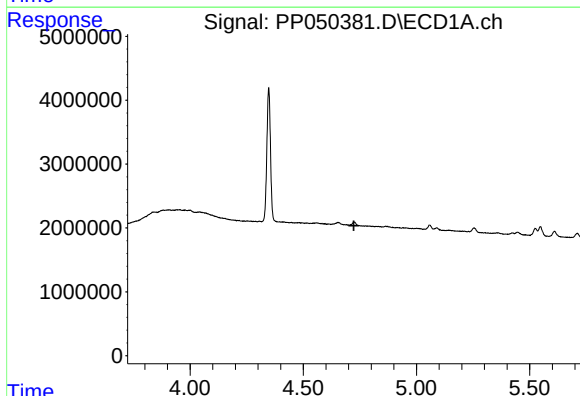
R.T.: 0.000 min
Exp R.T.: 4.646 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



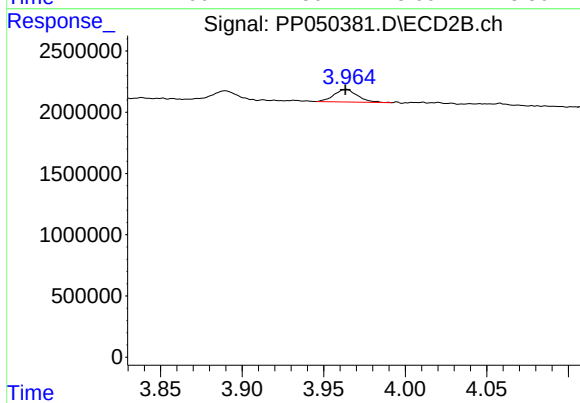
#9 AR-1221-2

R.T.: 3.890 min
Delta R.T.: 0.001 min
Response: 864186
Conc: 30.26 ng/ml



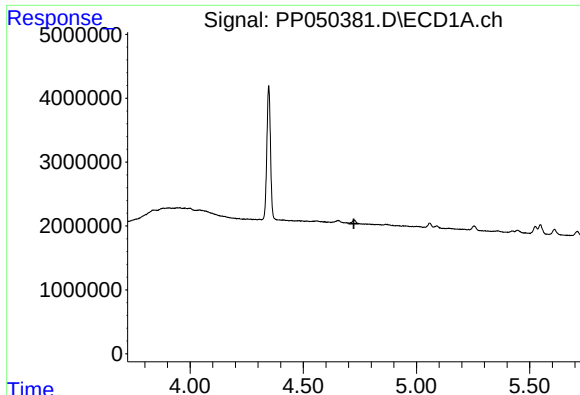
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.



#10 AR-1221-3

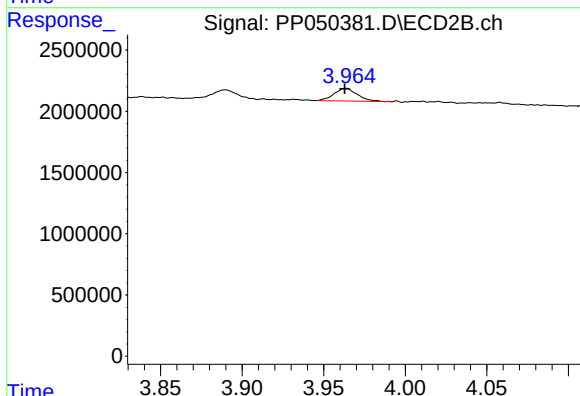
R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 1042678
Conc: 12.18 ng/ml



#11 AR-1232-1

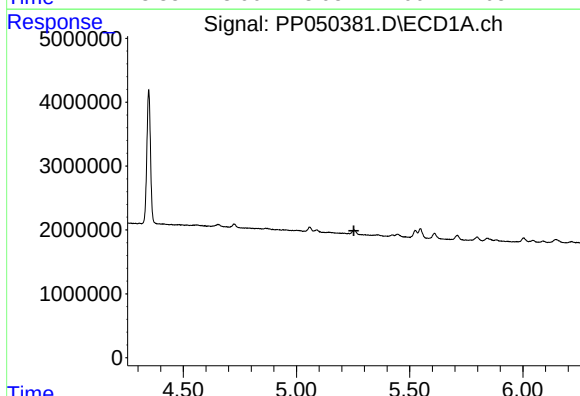
R.T.: 0.000 min
Exp R.T.: 4.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



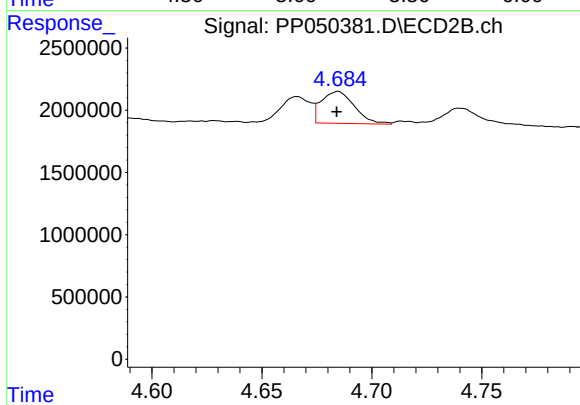
#11 AR-1232-1

R.T.: 3.964 min
Delta R.T.: 0.001 min
Response: 1042678
Conc: 14.94 ng/ml



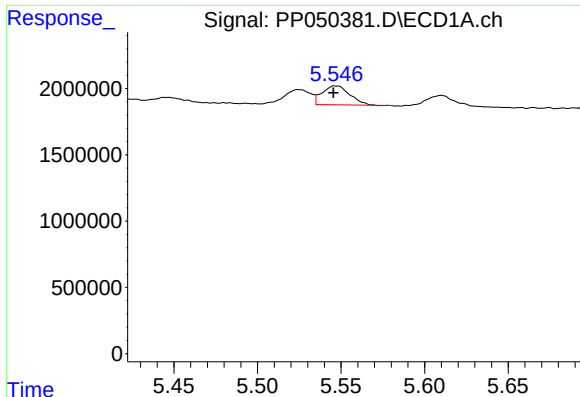
#12 AR-1232-2

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



#12 AR-1232-2

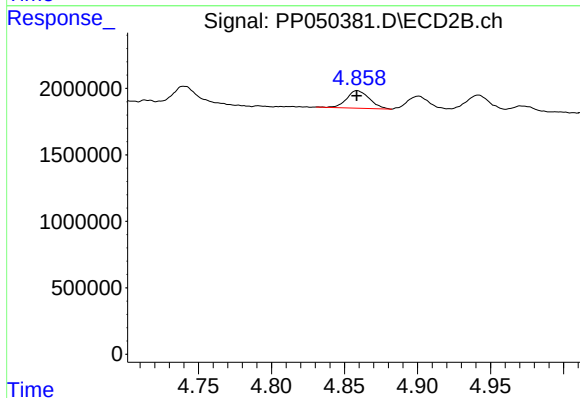
R.T.: 4.685 min
Delta R.T.: 0.000 min
Response: 2693502
Conc: 41.90 ng/ml



#13 AR-1232-3

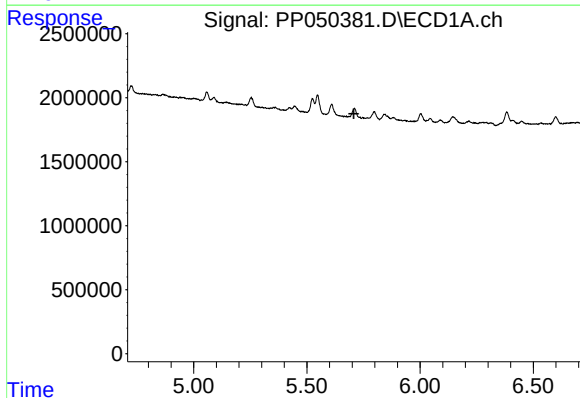
R.T.: 5.547 min
Delta R.T.: 0.001 min
Response: 1625767
Conc: 41.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



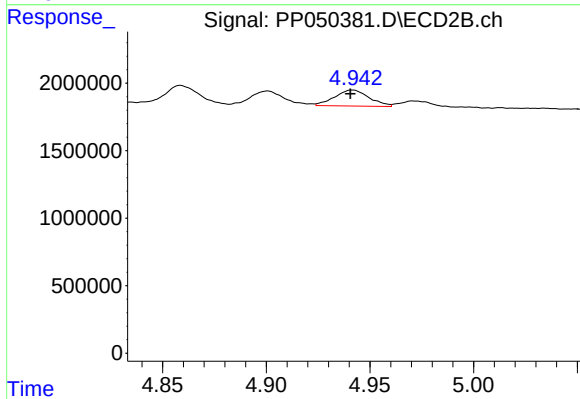
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 1427883
Conc: 42.57 ng/ml



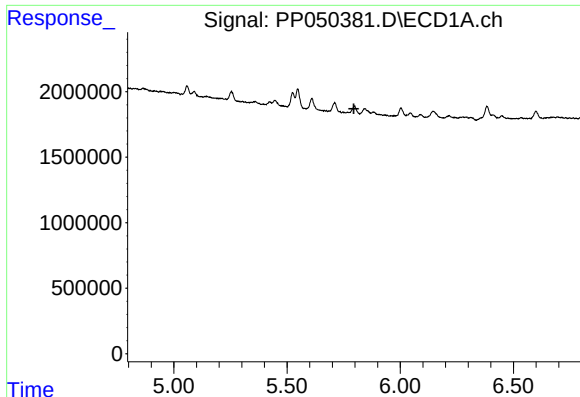
#14 AR-1232-4

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



#14 AR-1232-4

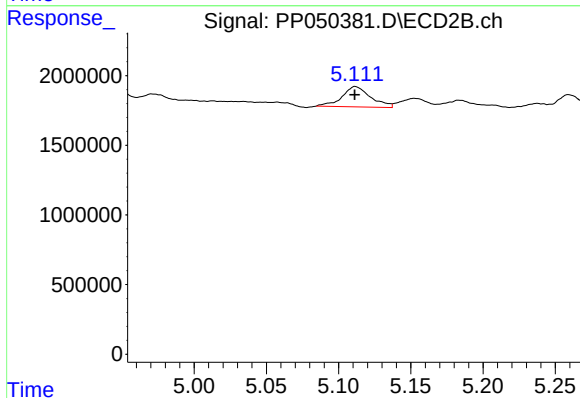
R.T.: 4.942 min
Delta R.T.: 0.001 min
Response: 1372361
Conc: 46.58 ng/ml



#15 AR-1232-5

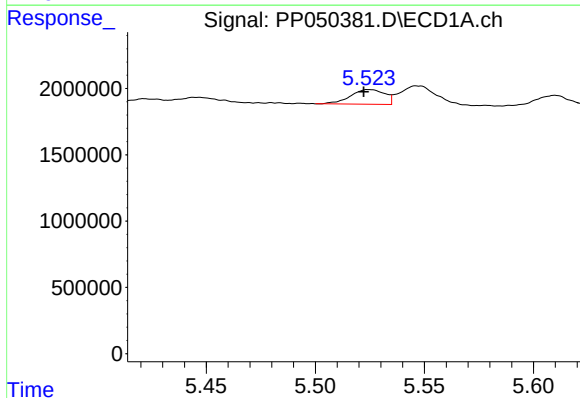
R.T.: 0.000 min
Exp R.T.: 5.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



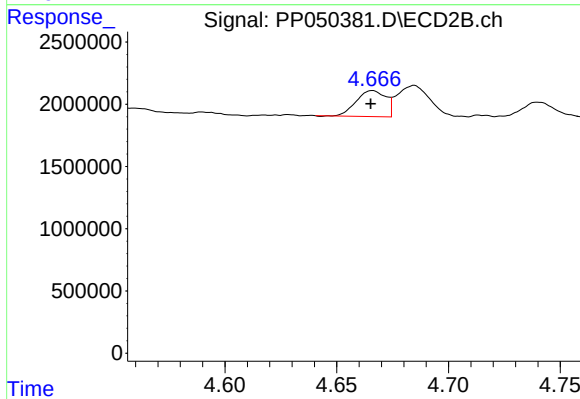
#15 AR-1232-5

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 2005072
Conc: 60.89 ng/ml



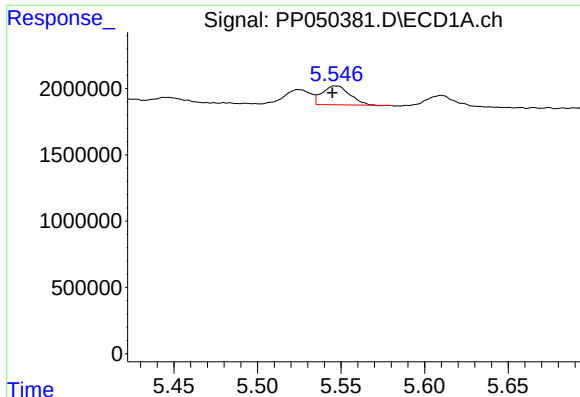
#16 AR-1242-1

R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 1210553
Conc: 23.89 ng/ml



#16 AR-1242-1

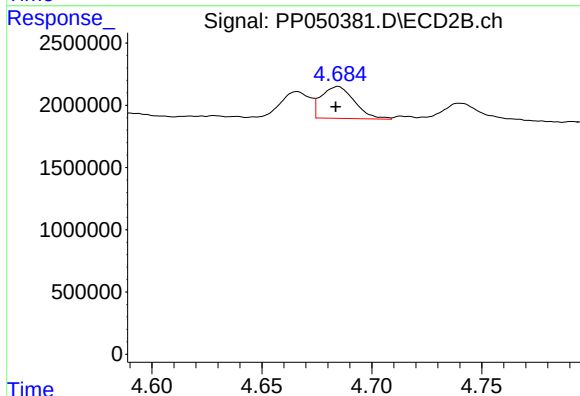
R.T.: 4.666 min
Delta R.T.: 0.000 min
Response: 1911143
Conc: 23.05 ng/ml



#17 AR-1242-2

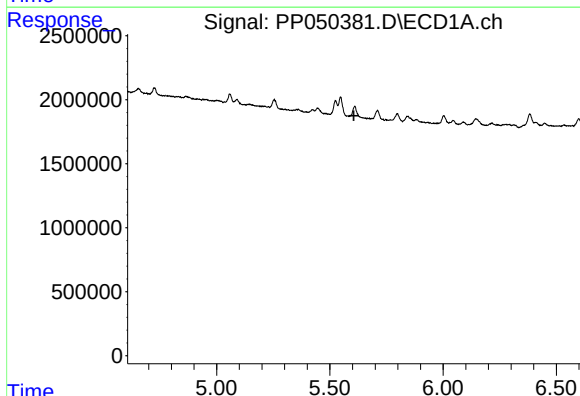
R.T.: 5.547 min
Delta R.T.: 0.002 min
Response: 1625767
Conc: 22.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



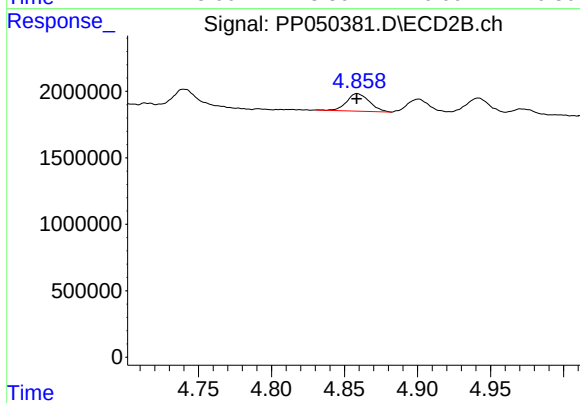
#17 AR-1242-2

R.T.: 4.685 min
Delta R.T.: 0.001 min
Response: 2693502
Conc: 23.06 ng/ml



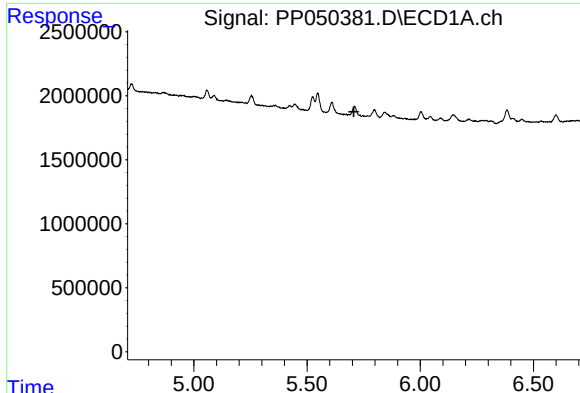
#18 AR-1242-3

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



#18 AR-1242-3

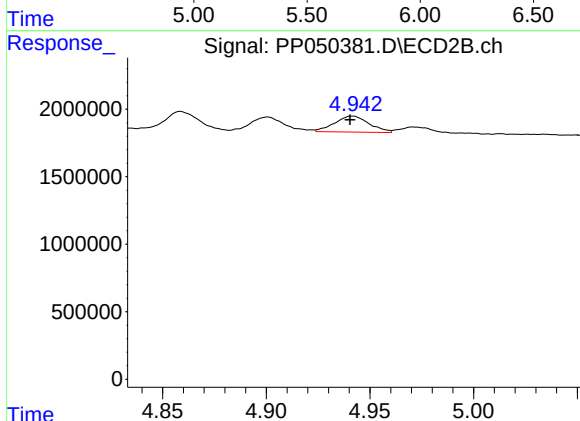
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 1427883
Conc: 23.29 ng/ml



#19 AR-1242-4

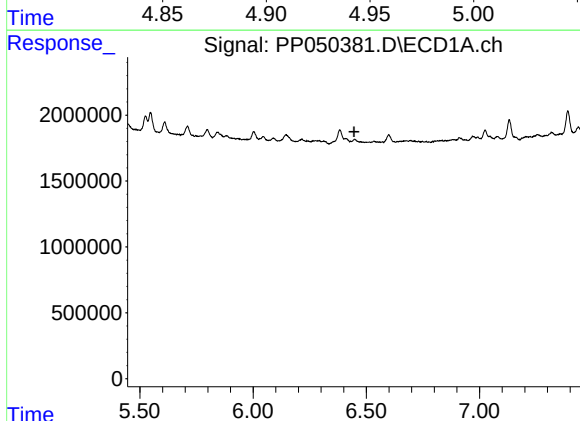
R.T.: 0.000 min
Exp R.T.: 5.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



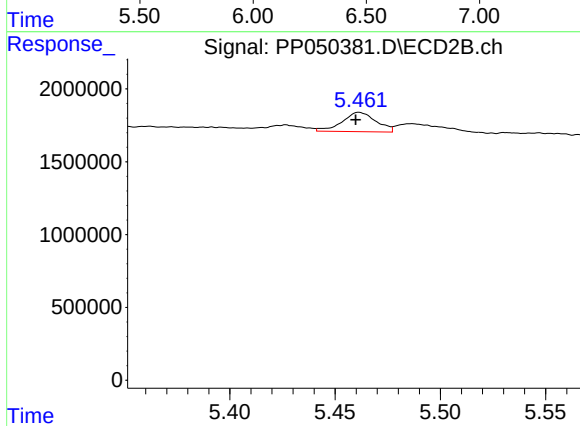
#19 AR-1242-4

R.T.: 4.942 min
Delta R.T.: 0.001 min
Response: 1372361
Conc: 23.44 ng/ml



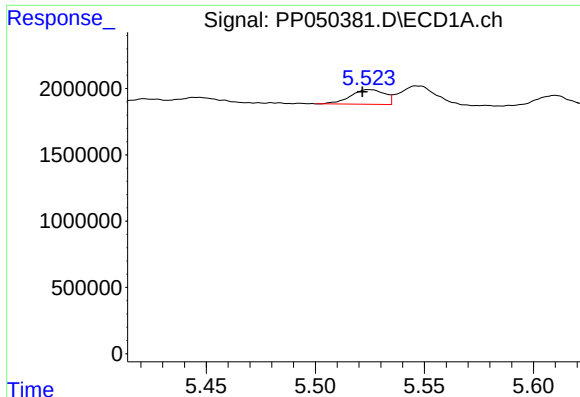
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.446 min
Response: 0
Conc: N.D.



#20 AR-1242-5

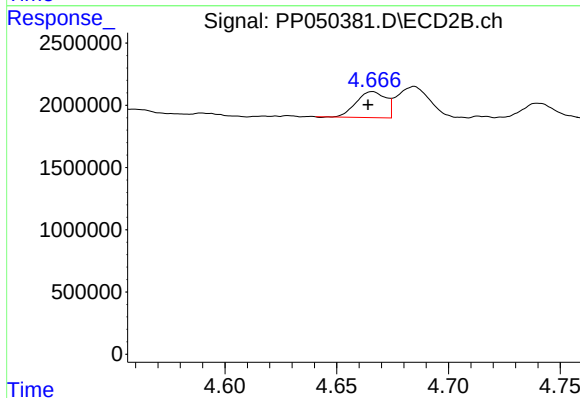
R.T.: 5.461 min
Delta R.T.: 0.002 min
Response: 1487718
Conc: 21.40 ng/ml



#21 AR-1248-1

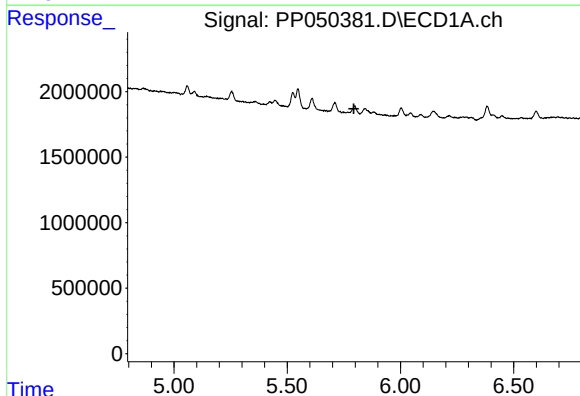
R.T.: 5.525 min
Delta R.T.: 0.003 min
Response: 1210553
Conc: 29.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



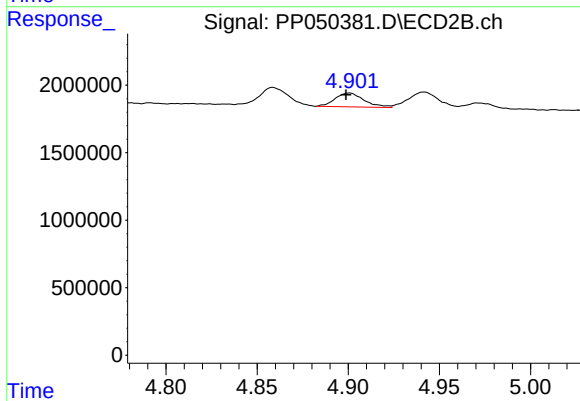
#21 AR-1248-1

R.T.: 4.666 min
Delta R.T.: 0.002 min
Response: 1911143
Conc: 28.60 ng/ml



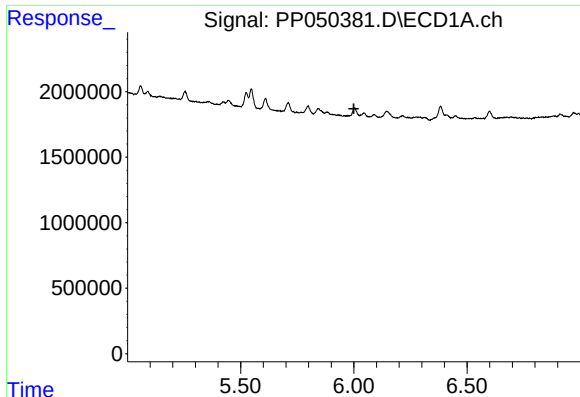
#22 AR-1248-2

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



#22 AR-1248-2

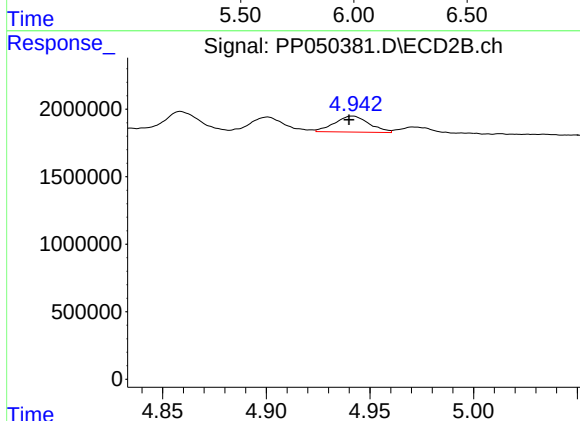
R.T.: 4.901 min
Delta R.T.: 0.002 min
Response: 1129158
Conc: 13.07 ng/ml



#23 AR-1248-3

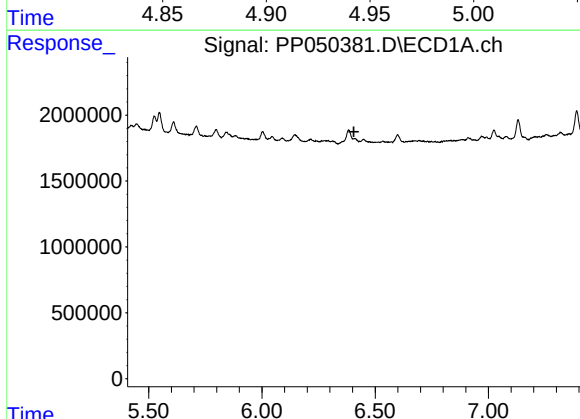
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



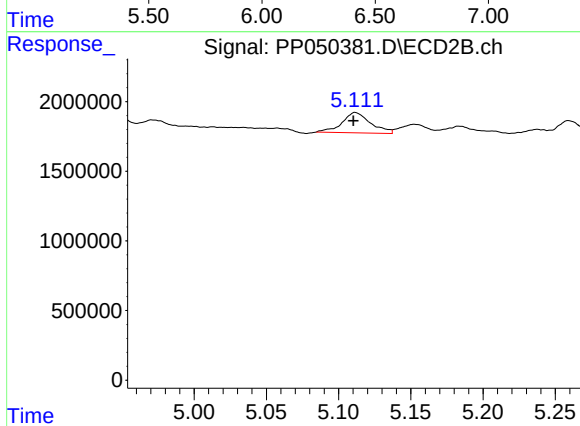
#23 AR-1248-3

R.T.: 4.942 min
Delta R.T.: 0.002 min
Response: 1372361
Conc: 15.14 ng/ml



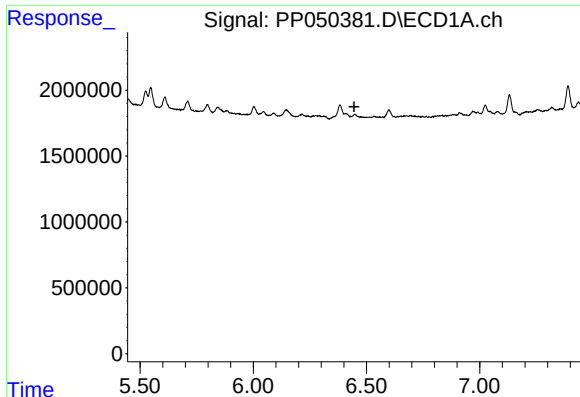
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T.: 6.406 min
Response: 0
Conc: N.D.



#24 AR-1248-4

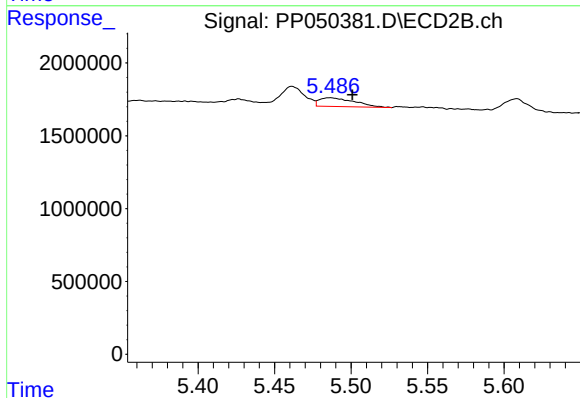
R.T.: 5.112 min
Delta R.T.: 0.001 min
Response: 2005072
Conc: 19.02 ng/ml



#25 AR-1248-5

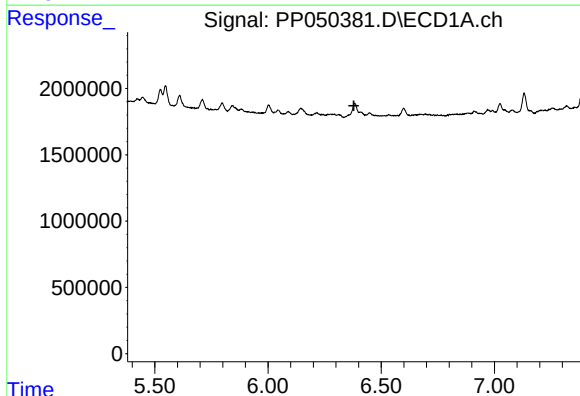
R.T.: 0.000 min
Exp R.T.: 6.445 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



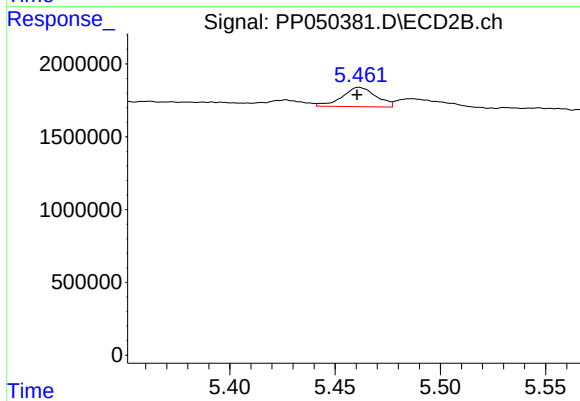
#25 AR-1248-5

R.T.: 5.486 min
Delta R.T.: -0.014 min
Response: 954426
Conc: 9.61 ng/ml



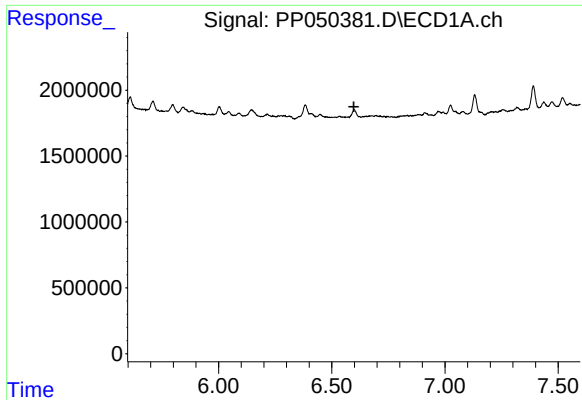
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.379 min
Response: 0
Conc: N.D.



#26 AR-1254-1

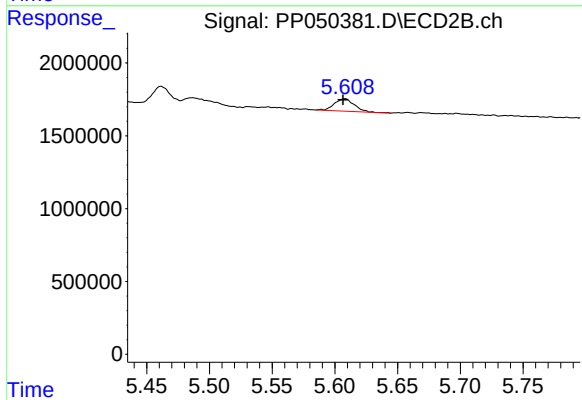
R.T.: 5.461 min
Delta R.T.: 0.000 min
Response: 1487718
Conc: 10.47 ng/ml



#27 AR-1254-2

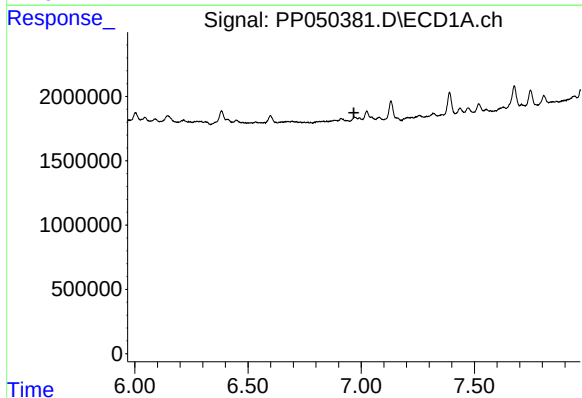
R.T.: 0.000 min
Exp R.T.: 6.598 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



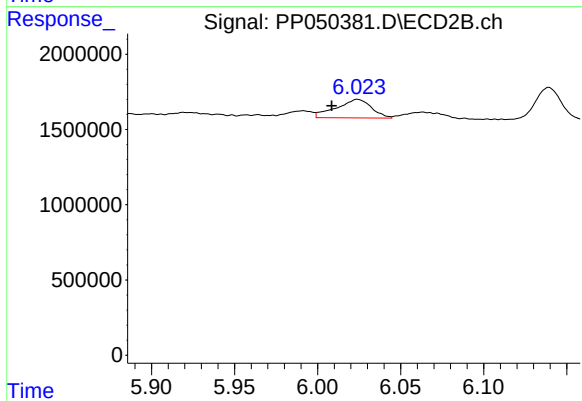
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 951328
Conc: 8.04 ng/ml



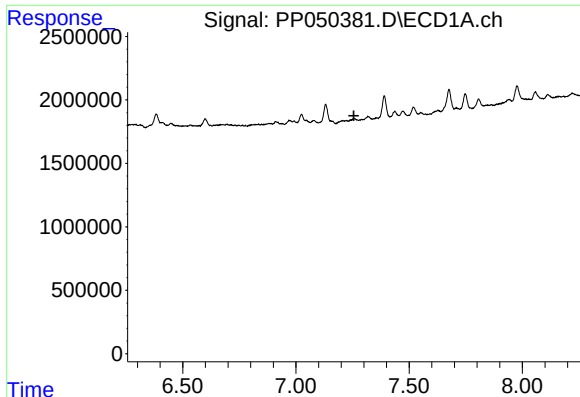
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T.: 6.968 min
Response: 0
Conc: N.D.



#28 AR-1254-3

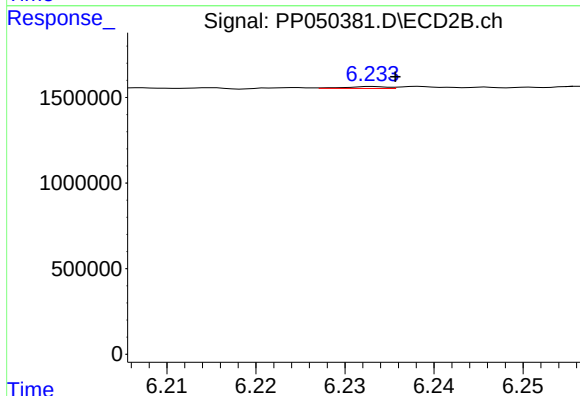
R.T.: 6.024 min
Delta R.T.: 0.016 min
Response: 1815884
Conc: 10.55 ng/ml



#29 AR-1254-4

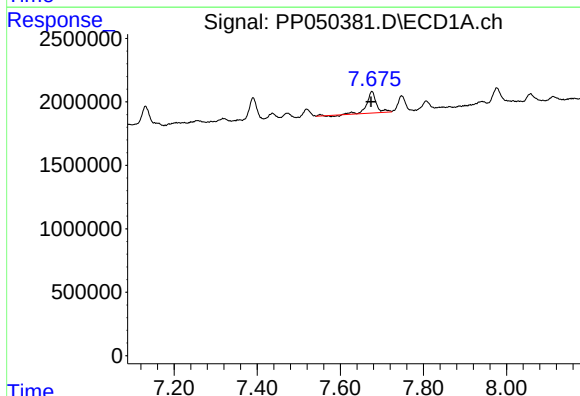
R.T.: 0.000 min
Exp R.T.: 7.256 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



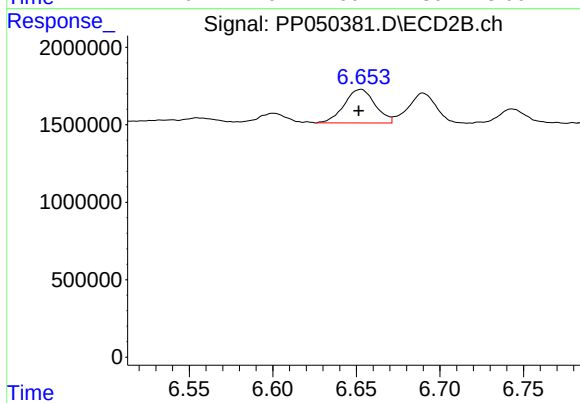
#29 AR-1254-4

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 35095
Conc: 0.33 ng/ml



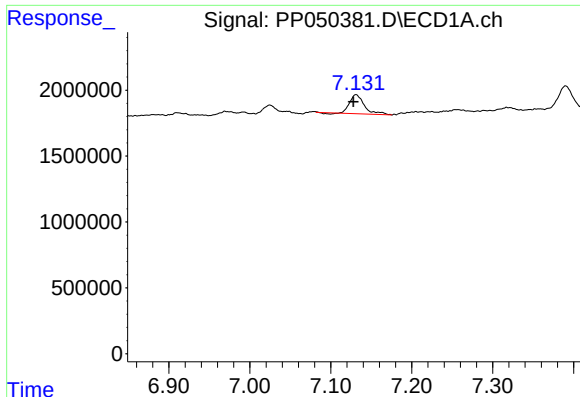
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.002 min
Response: 2645949
Conc: 26.37 ng/ml



#30 AR-1254-5

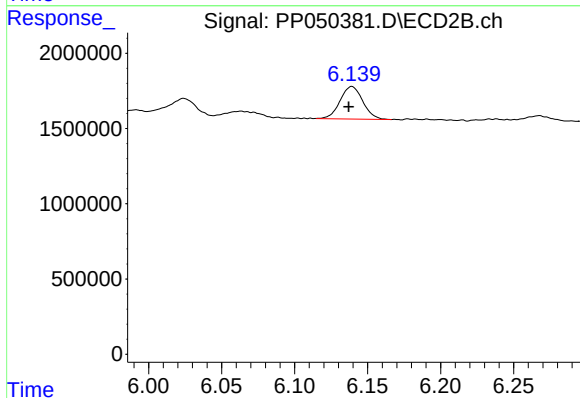
R.T.: 6.653 min
Delta R.T.: 0.001 min
Response: 2782146
Conc: 20.89 ng/ml



#31 AR-1260-1

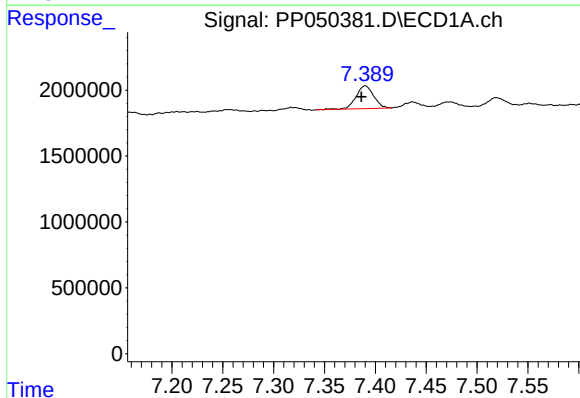
R.T.: 7.131 min
Delta R.T.: 0.003 min
Response: 1823813
Conc: 19.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



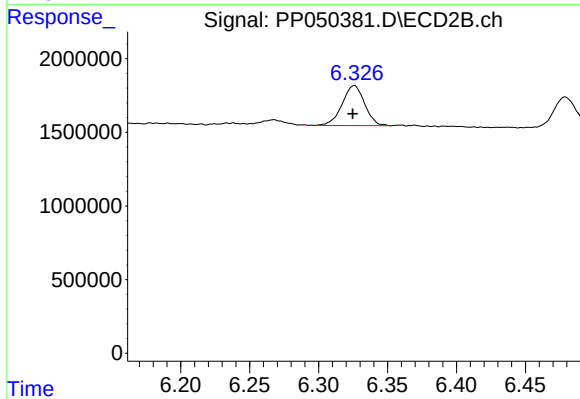
#31 AR-1260-1

R.T.: 6.139 min
Delta R.T.: 0.002 min
Response: 2347124
Conc: 20.71 ng/ml



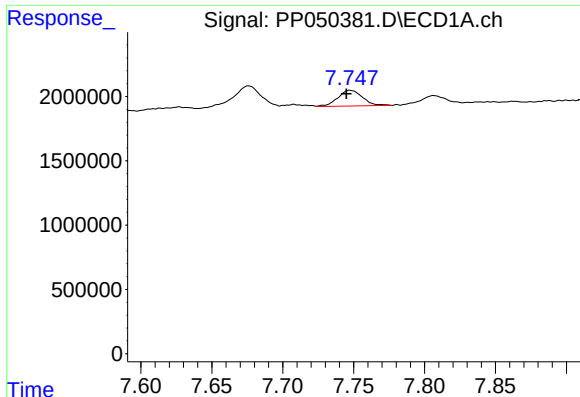
#32 AR-1260-2

R.T.: 7.390 min
Delta R.T.: 0.004 min
Response: 2082994
Conc: 18.23 ng/ml



#32 AR-1260-2

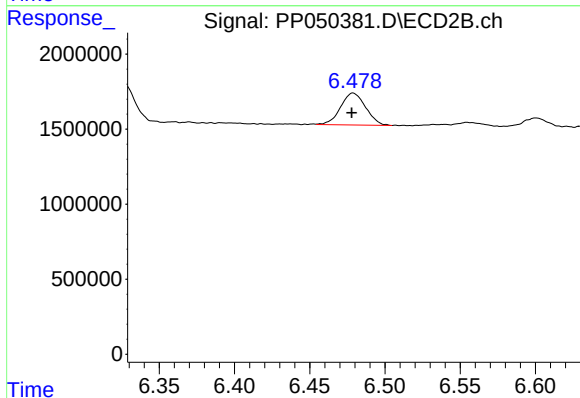
R.T.: 6.326 min
Delta R.T.: 0.001 min
Response: 3090847
Conc: 23.01 ng/ml



#33 AR-1260-3

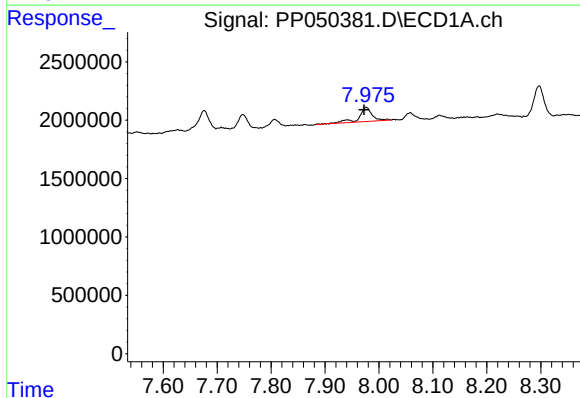
R.T.: 7.748 min
Delta R.T.: 0.003 min
Response: 1492723
Conc: 17.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



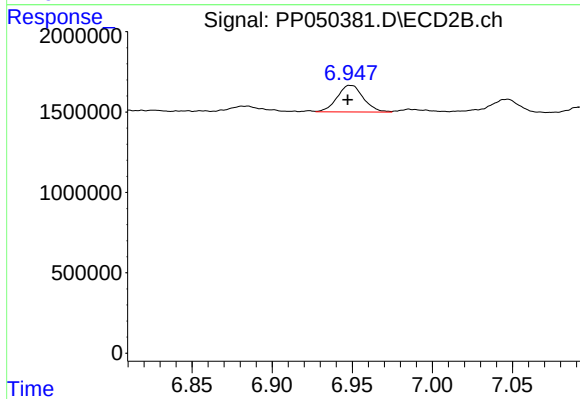
#33 AR-1260-3

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 2469415
Conc: 20.50 ng/ml



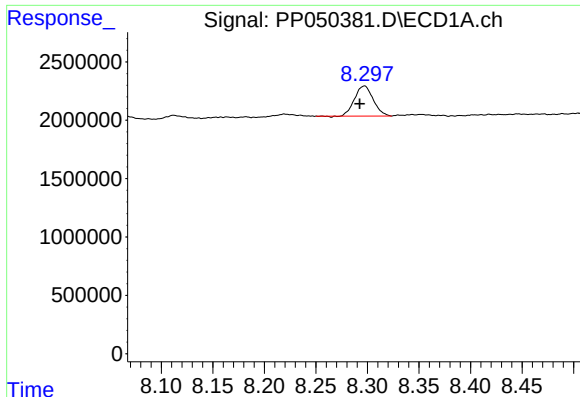
#34 AR-1260-4

R.T.: 7.977 min
Delta R.T.: 0.004 min
Response: 2037893
Conc: 21.41 ng/ml



#34 AR-1260-4

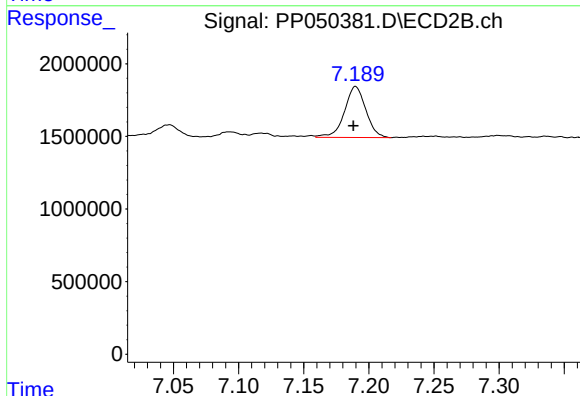
R.T.: 6.948 min
Delta R.T.: 0.001 min
Response: 1888073
Conc: 21.30 ng/ml



#35 AR-1260-5

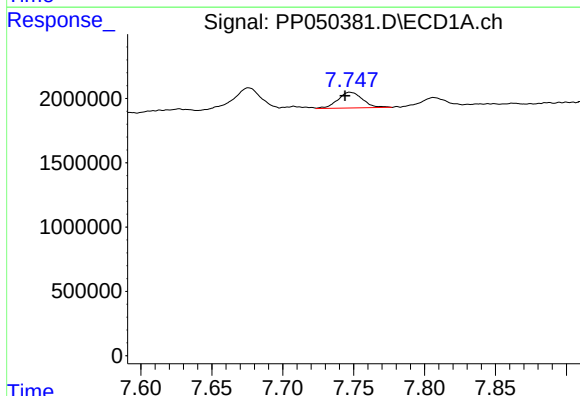
R.T.: 8.297 min
Delta R.T.: 0.004 min
Response: 3261357
Conc: 17.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



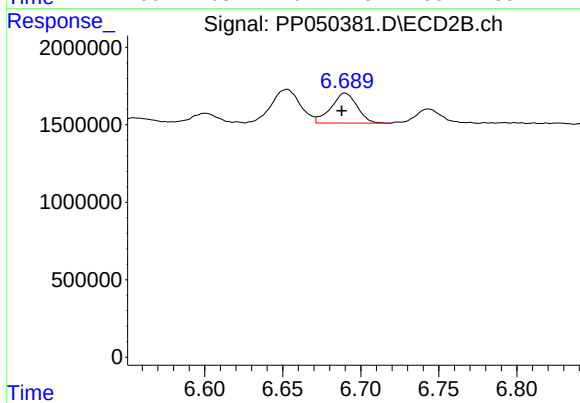
#35 AR-1260-5

R.T.: 7.190 min
Delta R.T.: 0.002 min
Response: 4025592
Conc: 20.65 ng/ml



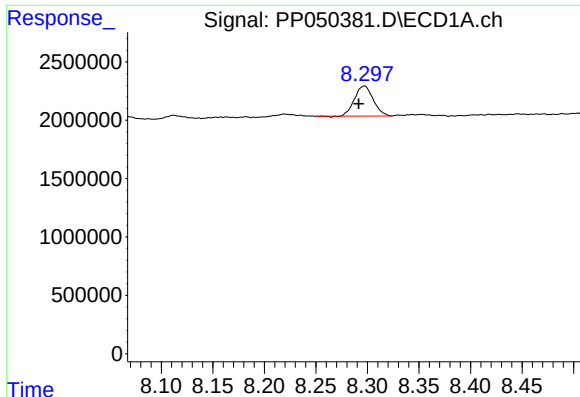
#36 AR-1262-1

R.T.: 7.748 min
Delta R.T.: 0.004 min
Response: 1492723
Conc: 12.46 ng/ml



#36 AR-1262-1

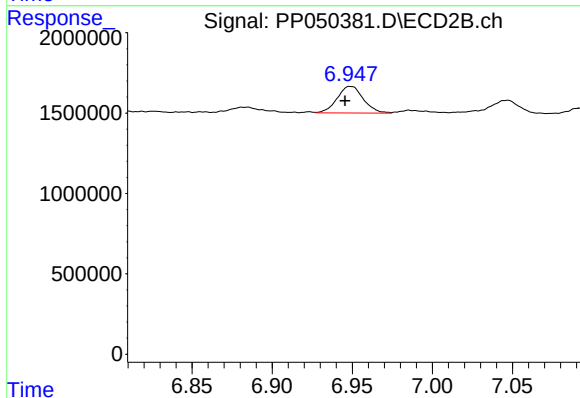
R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 2244952
Conc: 16.61 ng/ml



#37 AR-1262-2

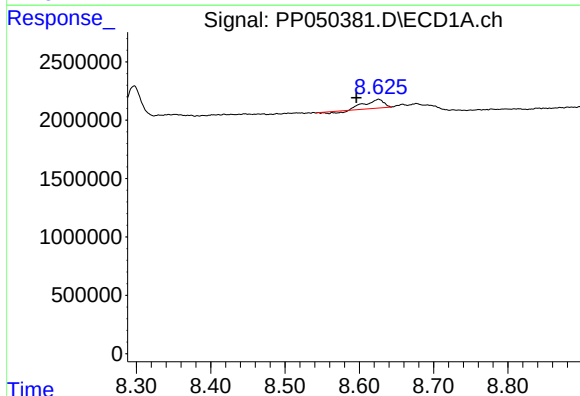
R.T.: 8.297 min
Delta R.T.: 0.005 min
Response: 3261357
Conc: 15.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



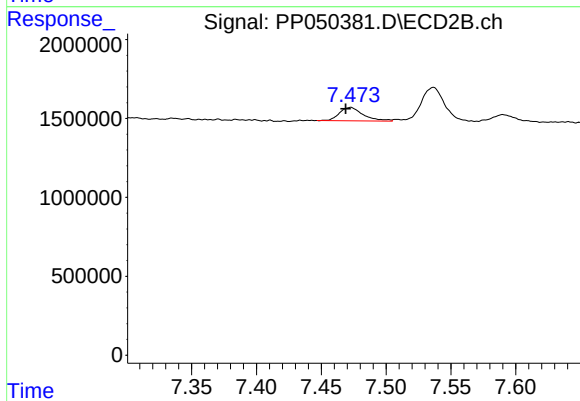
#37 AR-1262-2

R.T.: 6.948 min
Delta R.T.: 0.003 min
Response: 1888073
Conc: 17.38 ng/ml



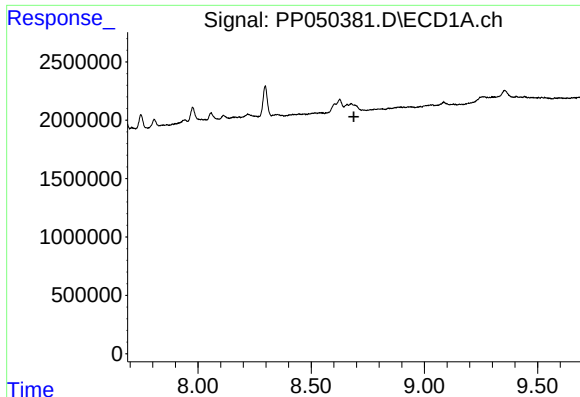
#38 AR-1262-3

R.T.: 8.626 min
Delta R.T.: 0.030 min
Response: 1130077
Conc: 11.50 ng/ml



#38 AR-1262-3

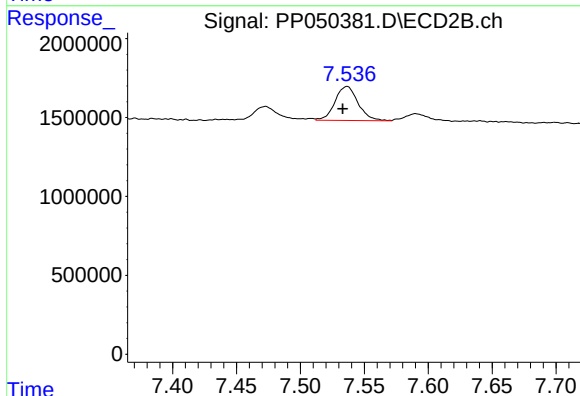
R.T.: 7.473 min
Delta R.T.: 0.004 min
Response: 1077580
Conc: 14.85 ng/ml



#39 AR-1262-4

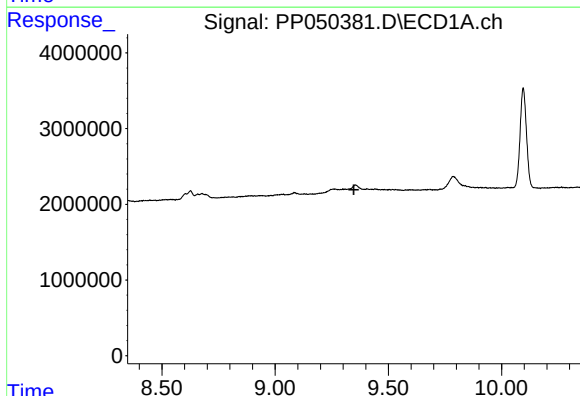
R.T.: 0.000 min
Exp R.T.: 8.688 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



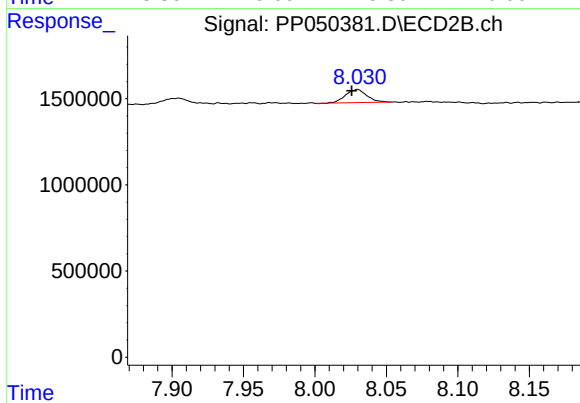
#39 AR-1262-4

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 2723629
Conc: 19.75 ng/ml



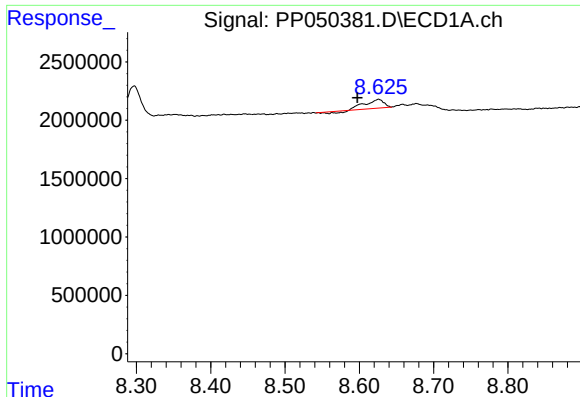
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.



#40 AR-1262-5

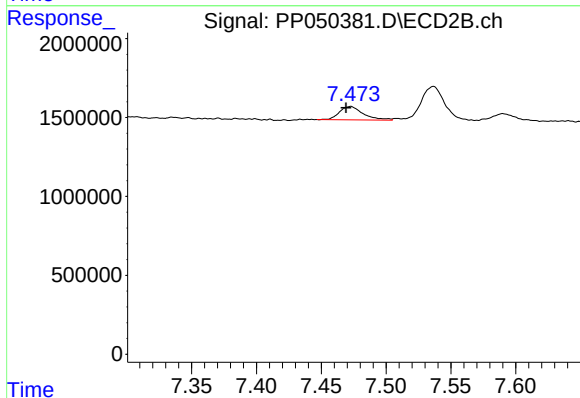
R.T.: 8.030 min
Delta R.T.: 0.004 min
Response: 792527
Conc: 12.31 ng/ml



#41 AR-1268-1

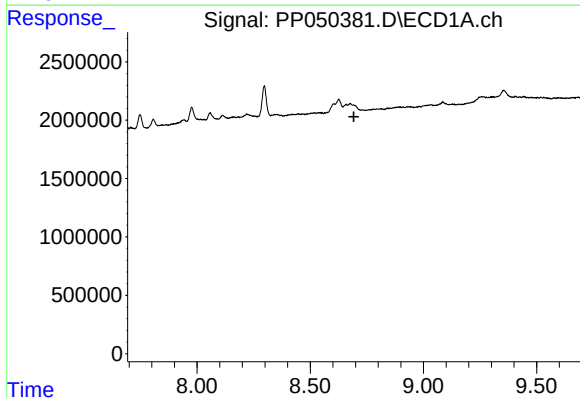
R.T.: 8.626 min
Delta R.T.: 0.029 min
Response: 1130077
Conc: 4.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



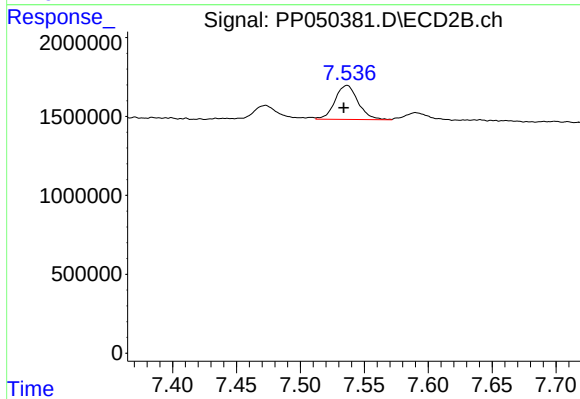
#41 AR-1268-1

R.T.: 7.473 min
Delta R.T.: 0.004 min
Response: 1077580
Conc: 4.90 ng/ml



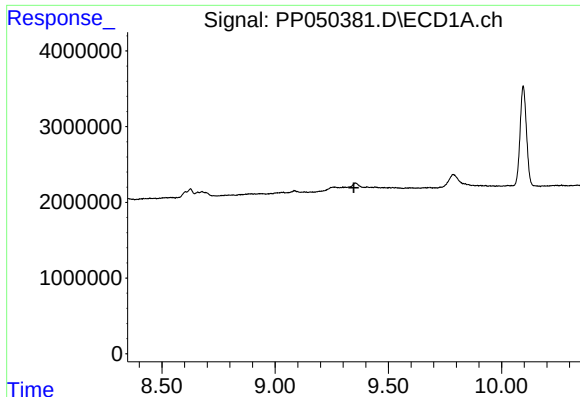
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.693 min
Response: 0
Conc: N.D.



#42 AR-1268-2

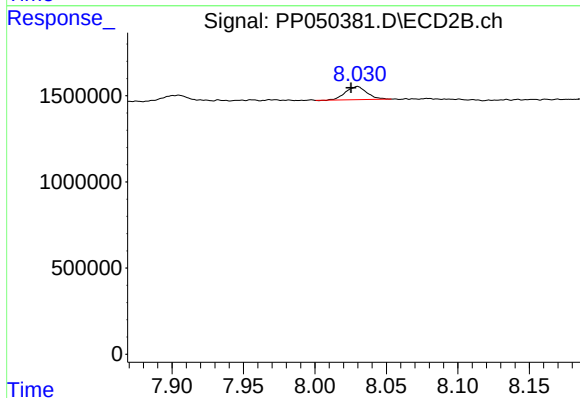
R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 2723629
Conc: 13.67 ng/ml



#44 AR-1268-4

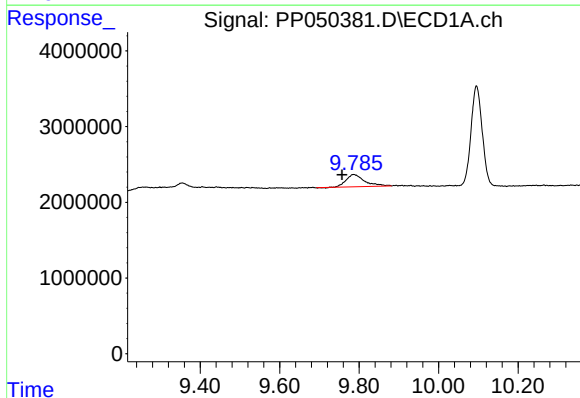
R.T.: 0.000 min
Exp R.T.: 9.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



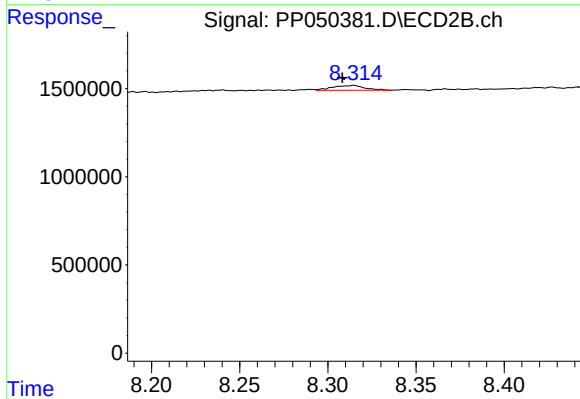
#44 AR-1268-4

R.T.: 8.030 min
Delta R.T.: 0.005 min
Response: 792527
Conc: 11.15 ng/ml



#45 AR-1268-5

R.T.: 9.786 min
Delta R.T.: 0.029 min
Response: 5207797
Conc: 7.81 ng/ml



#45 AR-1268-5

R.T.: 8.315 min
Delta R.T.: 0.006 min
Response: 357962
Conc: 0.65 ng/ml