

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:18:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.636	5.489	7042788	37100273	21.797	20.808
28)	SA Decachlor...	10.406	11.329	10146265	37827688	19.511	21.416
Target Compounds							
2)	A alpha-BHC	5.343	6.051	4218885	23829794	10.053	9.463
3)	MA gamma-BHC...	5.766	6.441	4249096	23124425	10.131	9.769
5)	MB Aldrin	6.527f	0.000	25547	0	0.062	N.D. #
6)	B beta-BHC	6.147	6.678	2217911	12484735	10.855	11.078
7)	B delta-BHC	0.000	6.955	0	1872335	N.D.	0.767 #
8)	B Heptachlo...	0.000	7.925	0	665400	N.D.	0.296 #
9)	A Endosulfan I	0.000	8.331	0	74896	N.D.	0.038 #
10)	B gamma-Chl...	7.368	8.197	38278	657073	0.087	0.295 #
11)	B alpha-Chl...	0.000	8.300f	0	667508	N.D.	0.310 #
12)	B 4,4'-DDE	7.641	8.460	147191	792943	0.403	0.398
13)	MA Dieldrin	7.783	8.605	458205	93527	1.067	0.047 #
14)	MA Endrin	8.059	8.844	20960146	91569610	51.596	54.066
15)	B Endosulfa...	8.399f	0.000	250255	0	0.607	N.D. #
16)	A 4,4'-DDD	8.225	8.987	512133	7184697	1.586	4.670 #
17)	MA 4,4'-DDT	8.486	9.306	40003938	171.0E6	108.224	96.450
18)	B Endrin al...	8.562	9.201	323403	351644	1.000	0.272 #
19)	B Endosulfa...	8.786	9.439	65469	207820	0.153	0.125
20)	A Methoxychlor	9.081	9.786	56629877	216.9E6	228.099	225.549
21)	B Endrin ke...	9.307	9.926	659150	2231253	1.349	1.289
22)	Mirex	9.514	0.000	76703	0	0.164	N.D. #
23)	Chlordane-1	0.000	6.849	0	1100248	N.D.	13.787 #
24)	Chlordane-2	0.000	7.434	0	40812	N.D.	0.494 #
25)	Chlordane-3	7.368	8.197	38278	657073	0.885	1.942 #
26)	Chlordane-4	0.000	8.300f	0	667508	N.D.	1.683 #
27)	Chlordane-5	8.399f	0.000	250255	0	14.349	N.D. #

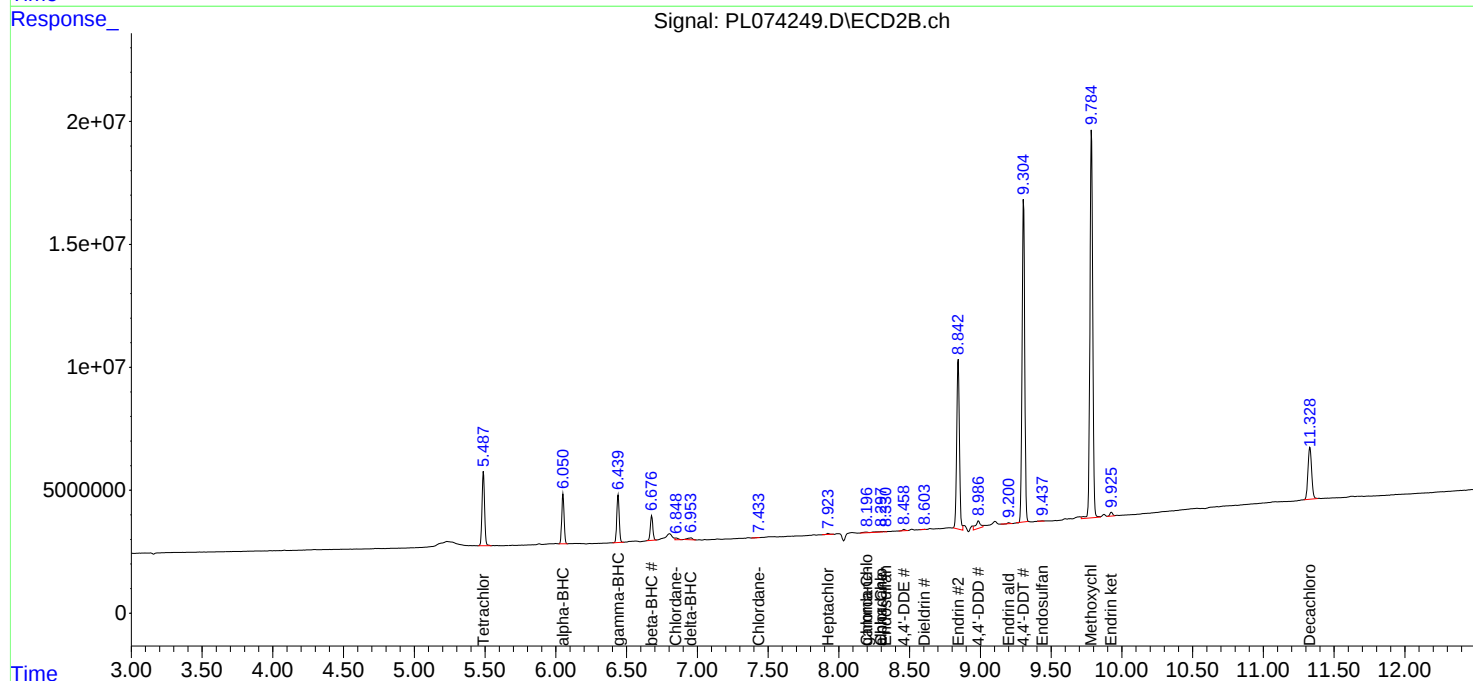
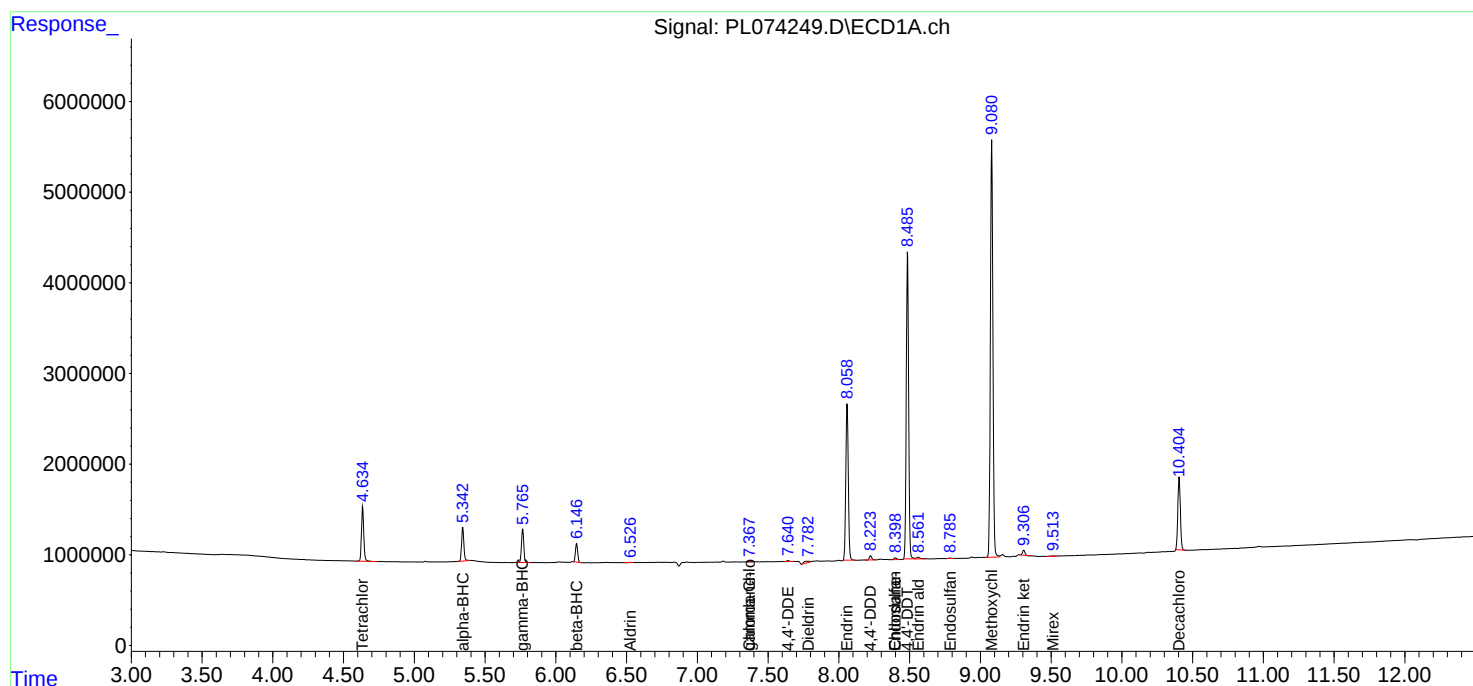
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

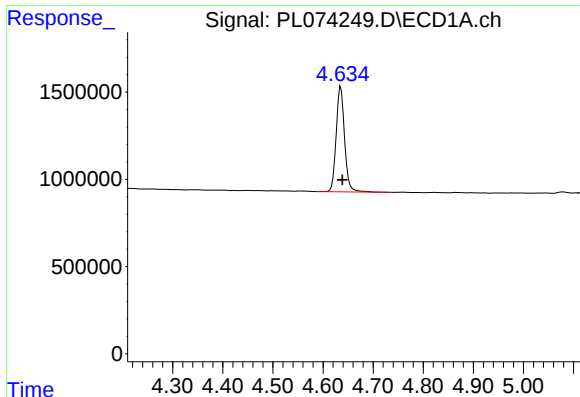
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

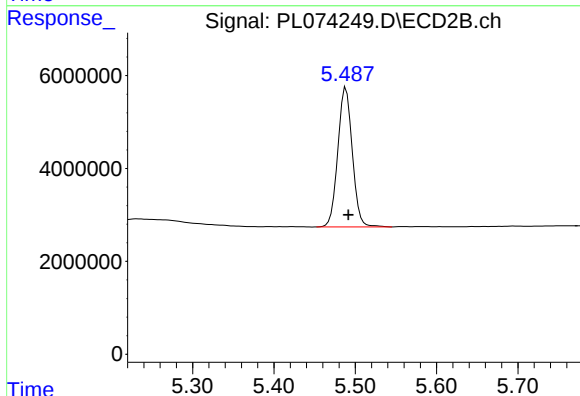




#1 Tetrachloro-m-xylene

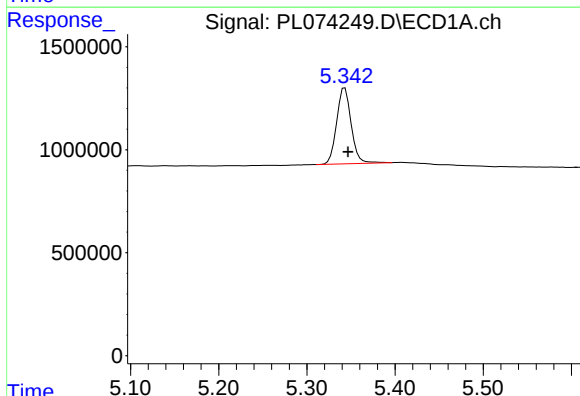
R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 7042788
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



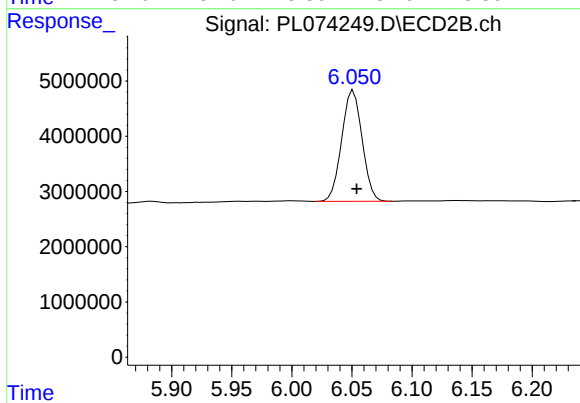
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 37100273
Conc: 20.81 ng/ml



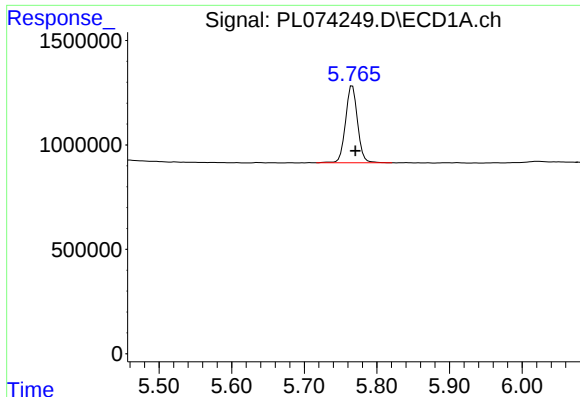
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 4218885
Conc: 10.05 ng/ml



#2 alpha-BHC

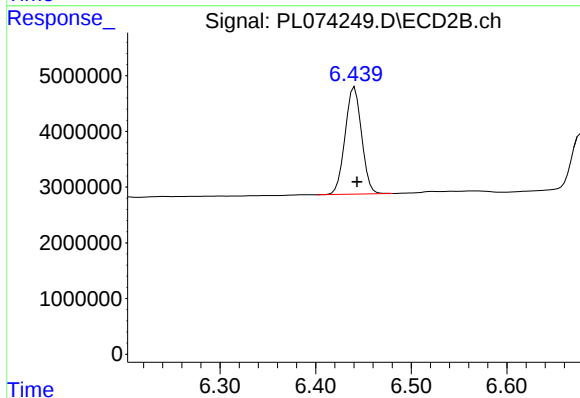
R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 23829794
Conc: 9.46 ng/ml



#3 gamma-BHC (Lindane)

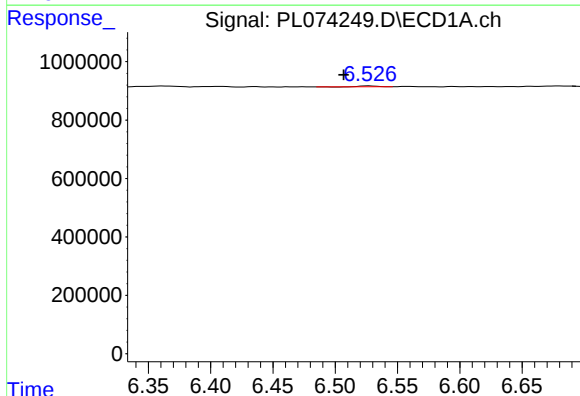
R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 4249096
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



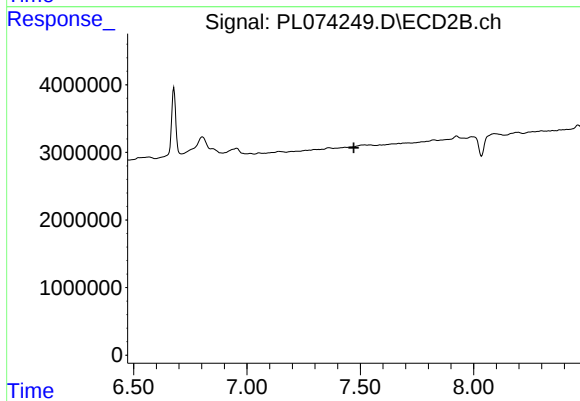
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 23124425
Conc: 9.77 ng/ml



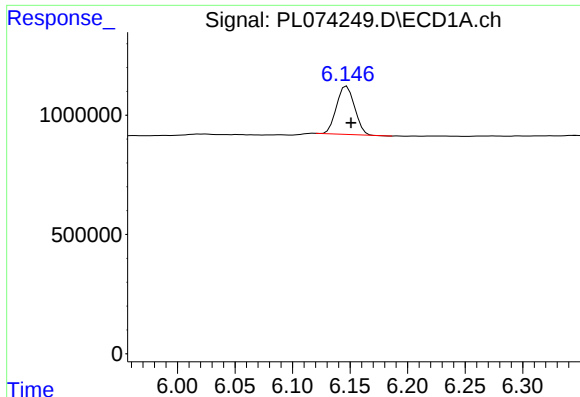
#5 Aldrin

R.T.: 6.527 min
Delta R.T.: 0.020 min
Response: 25547
Conc: 0.06 ng/ml



#5 Aldrin

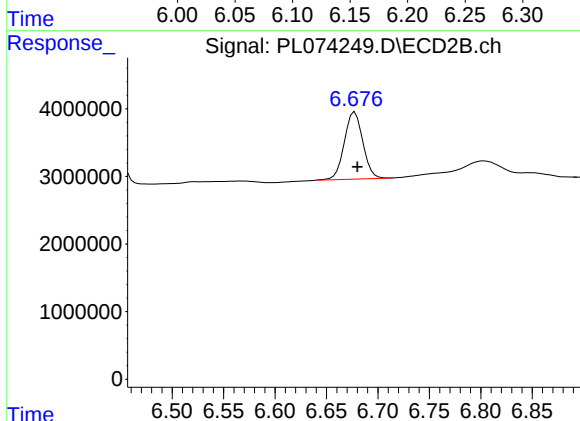
R.T.: 0.000 min
Exp R.T. : 7.471 min
Response: 0
Conc: N.D.



#6 beta-BHC

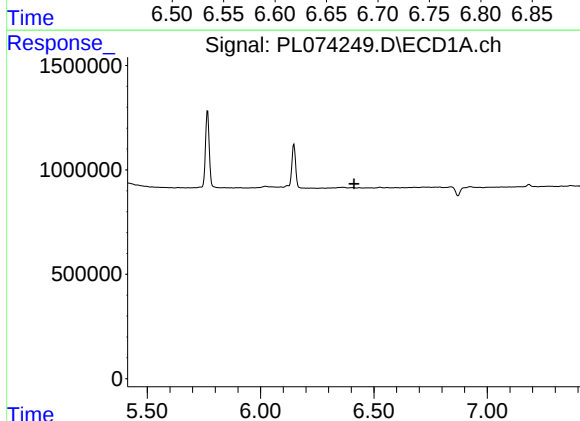
R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 2217911
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



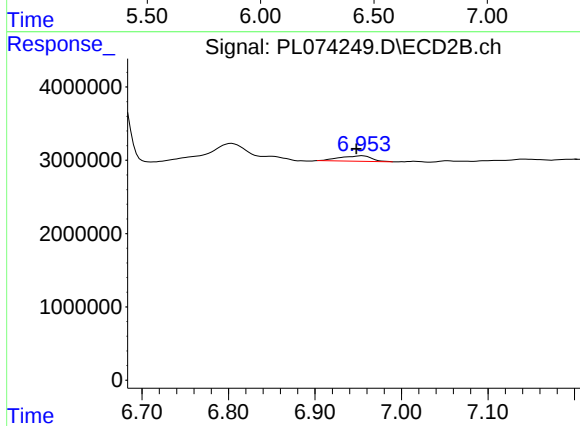
#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 12484735
Conc: 11.08 ng/ml



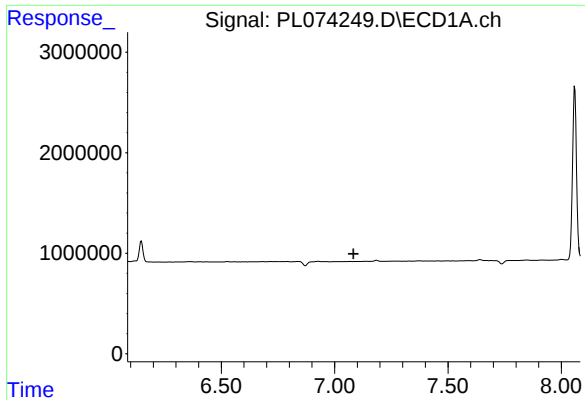
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 6.412 min
Response: 0
Conc: N.D.



#7 delta-BHC

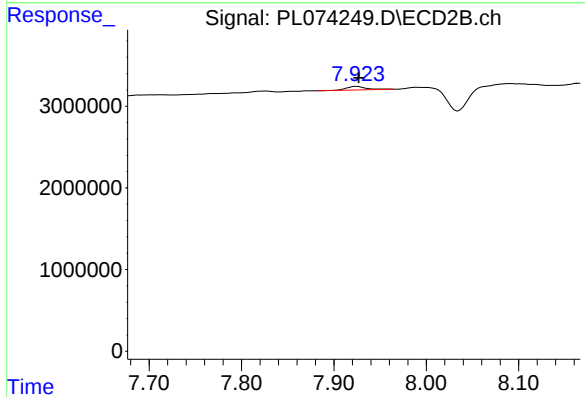
R.T.: 6.955 min
Delta R.T.: 0.007 min
Response: 1872335
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

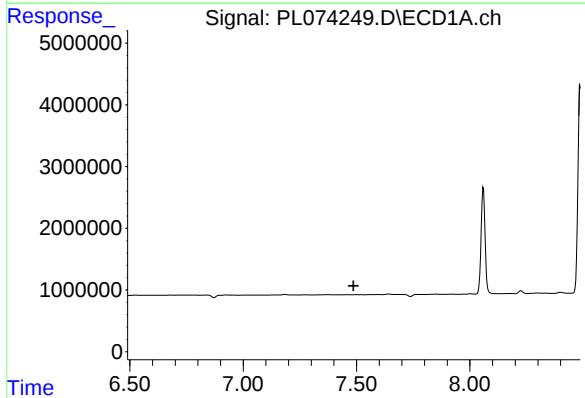
R.T.: 0.000 min
Exp R.T. : 7.084 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



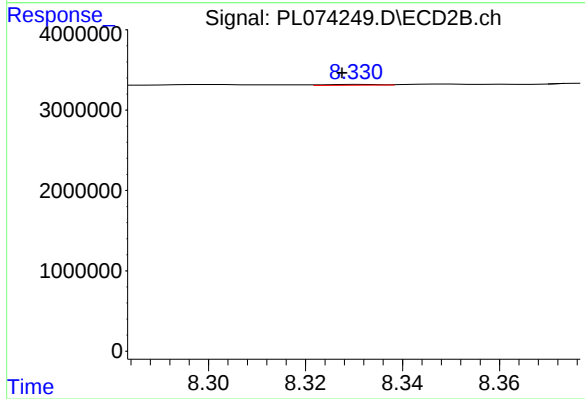
#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 665400
Conc: 0.30 ng/ml



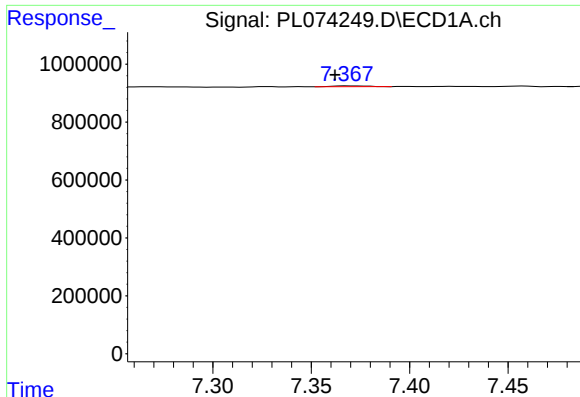
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 7.487 min
Response: 0
Conc: N.D.



#9 Endosulfan I

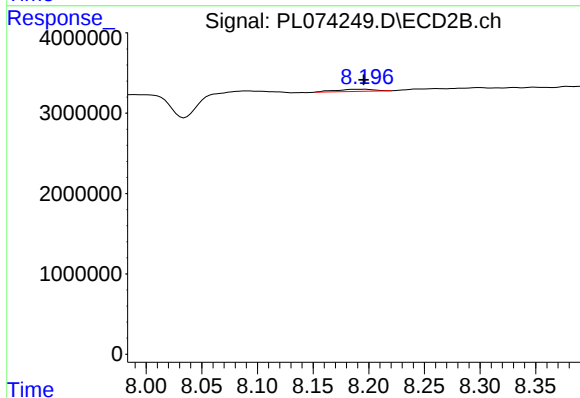
R.T.: 8.331 min
Delta R.T.: 0.004 min
Response: 74896
Conc: 0.04 ng/ml



#10 gamma-Chlordane

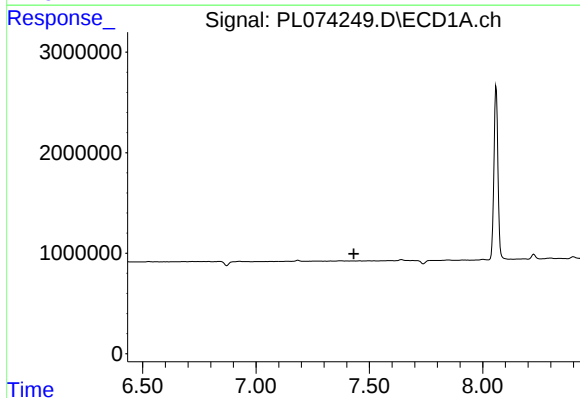
R.T.: 7.368 min
Delta R.T.: 0.006 min
Response: 38278
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



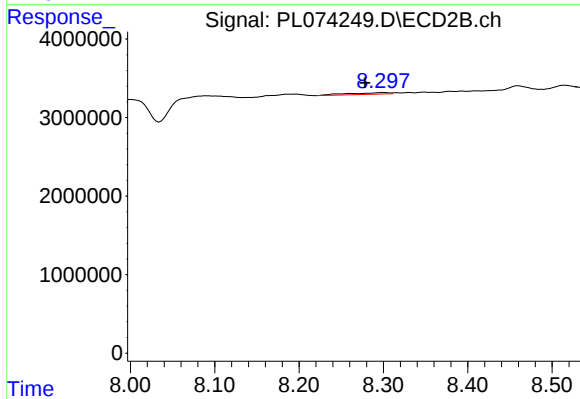
#10 gamma-Chlordane

R.T.: 8.197 min
Delta R.T.: 0.002 min
Response: 657073
Conc: 0.29 ng/ml



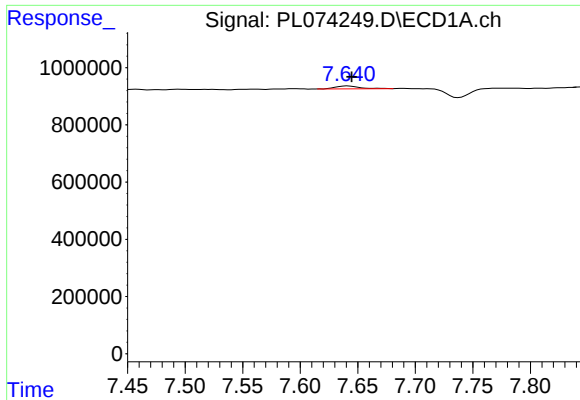
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 7.431 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

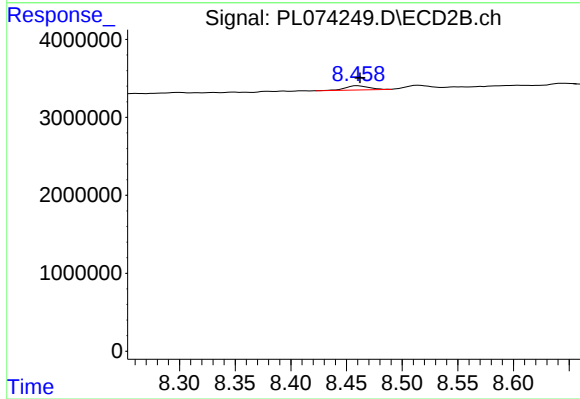
R.T.: 8.300 min
Delta R.T.: 0.022 min
Response: 667508
Conc: 0.31 ng/ml



#12 4,4'-DDE

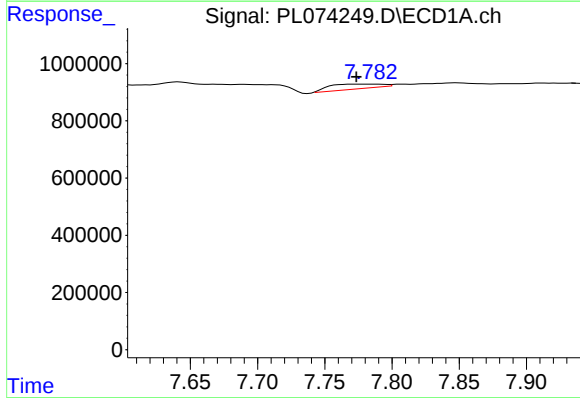
R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 147191
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



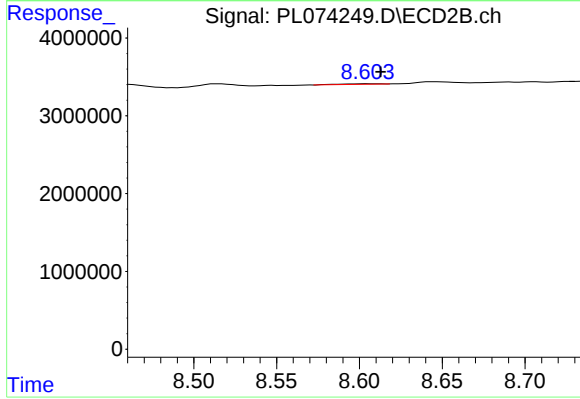
#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 792943
Conc: 0.40 ng/ml



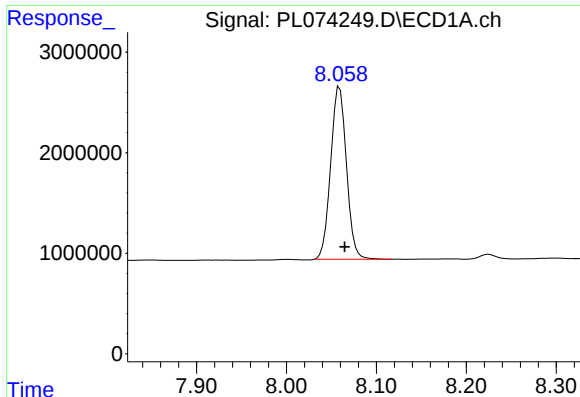
#13 Dieldrin

R.T.: 7.783 min
Delta R.T.: 0.010 min
Response: 458205
Conc: 1.07 ng/ml



#13 Dieldrin

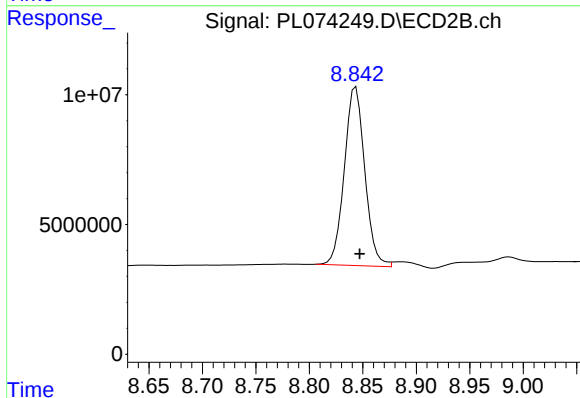
R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 93527
Conc: 0.05 ng/ml



#14 Endrin

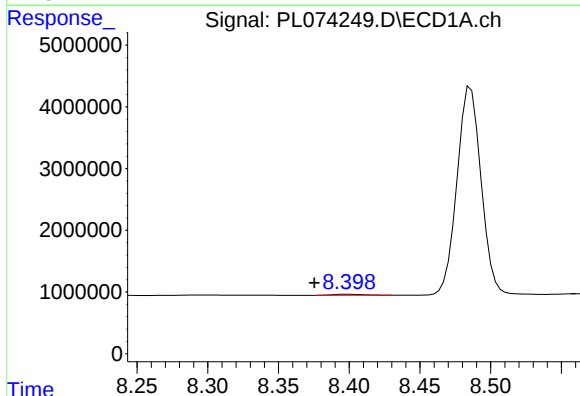
R.T.: 8.059 min
Delta R.T.: -0.006 min
Response: 20960146
Conc: 51.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



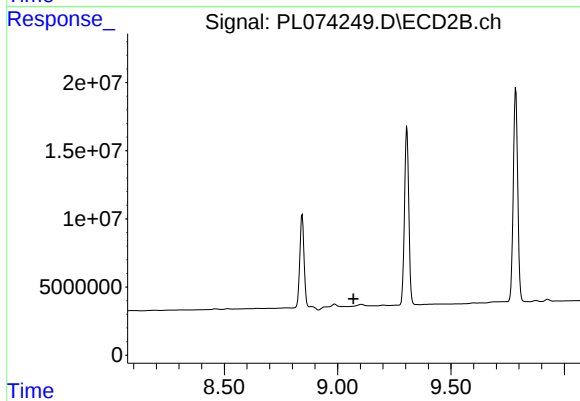
#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.004 min
Response: 91569610
Conc: 54.07 ng/ml



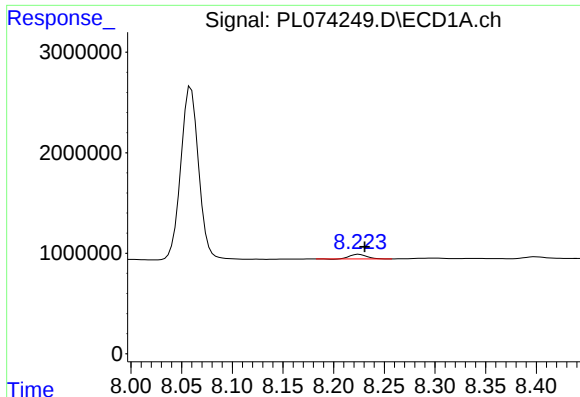
#15 Endosulfan II

R.T.: 8.399 min
Delta R.T.: 0.024 min
Response: 250255
Conc: 0.61 ng/ml



#15 Endosulfan II

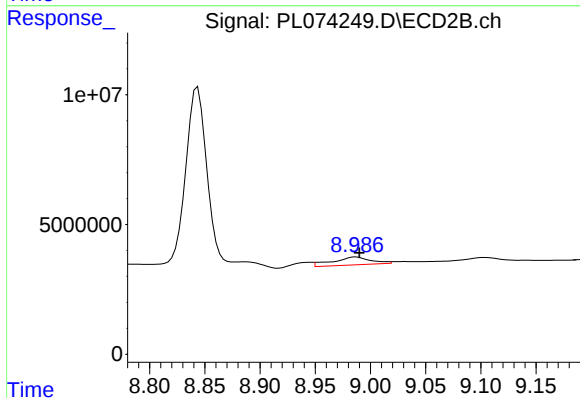
R.T.: 0.000 min
Exp R.T. : 9.070 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

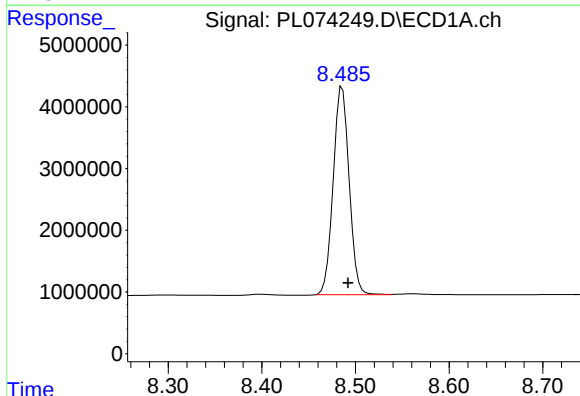
R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 512133
Conc: 1.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



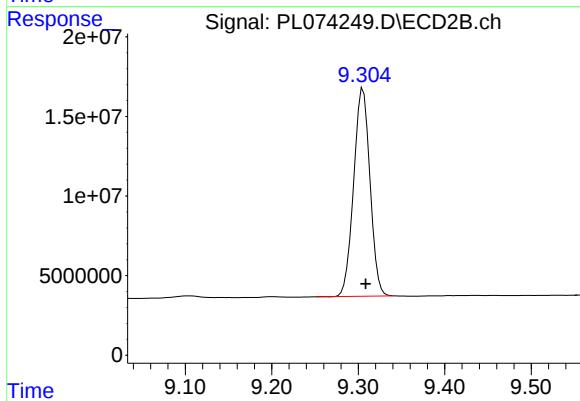
#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 7184697
Conc: 4.67 ng/ml



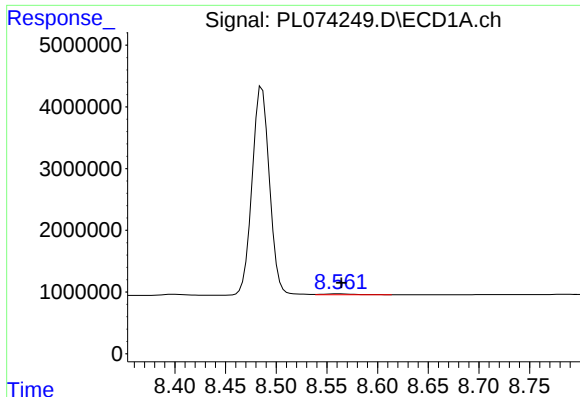
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 40003938
Conc: 108.22 ng/ml



#17 4,4'-DDT

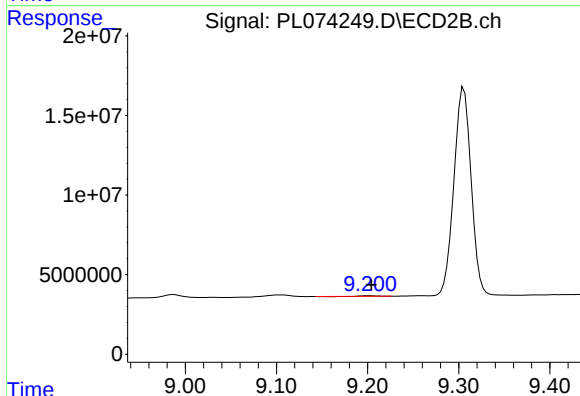
R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 170973464
Conc: 96.45 ng/ml



#18 Endrin aldehyde

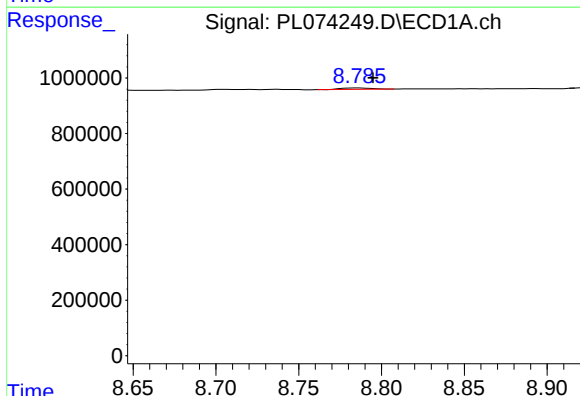
R.T.: 8.562 min
Delta R.T.: -0.002 min
Response: 323403
Conc: 1.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



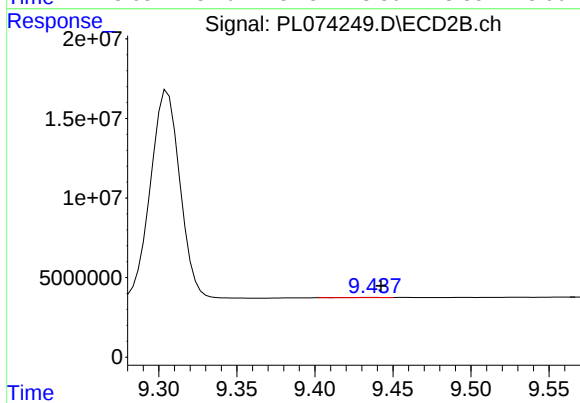
#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 351644
Conc: 0.27 ng/ml



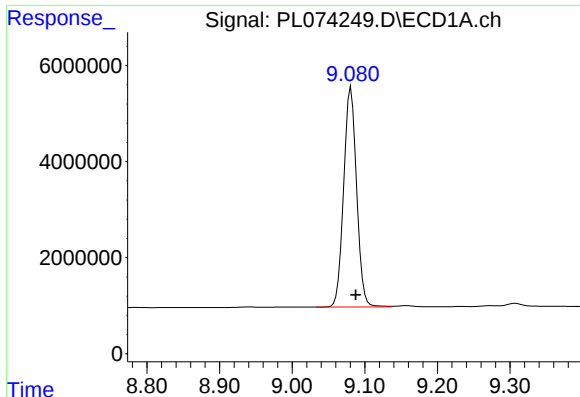
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 65469
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

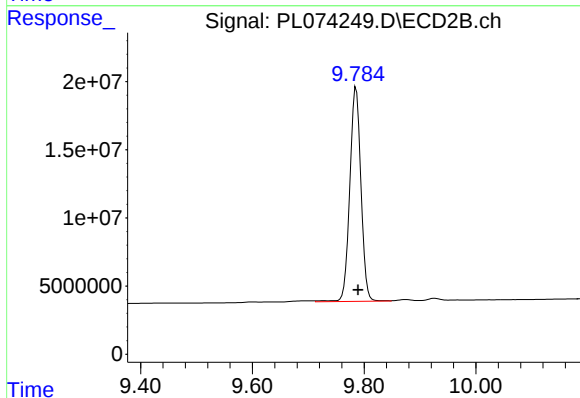
R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 207820
Conc: 0.12 ng/ml



#20 Methoxychlor

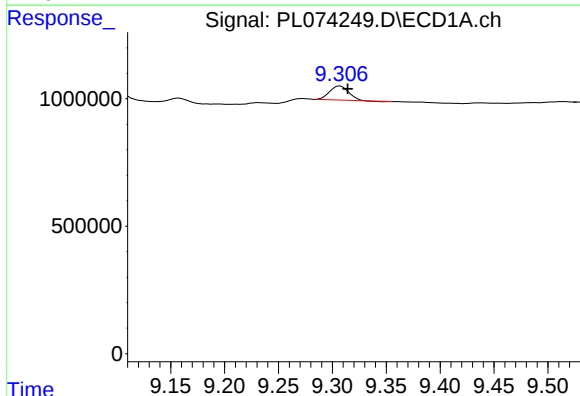
R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 56629877
Conc: 228.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



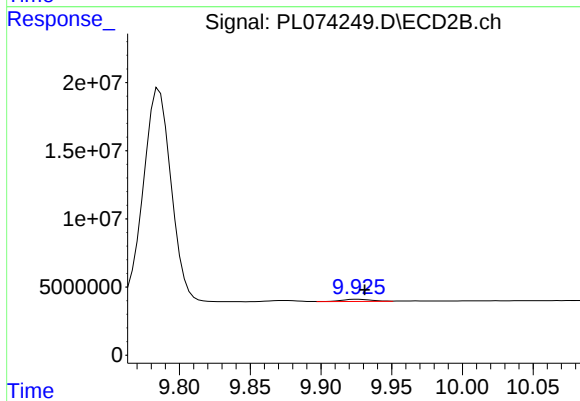
#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 216943101
Conc: 225.55 ng/ml



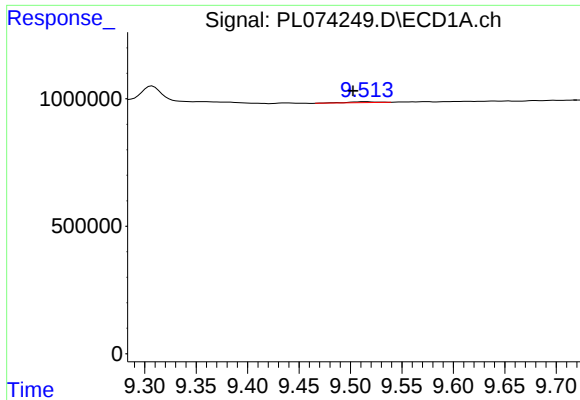
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.007 min
Response: 659150
Conc: 1.35 ng/ml



#21 Endrin ketone

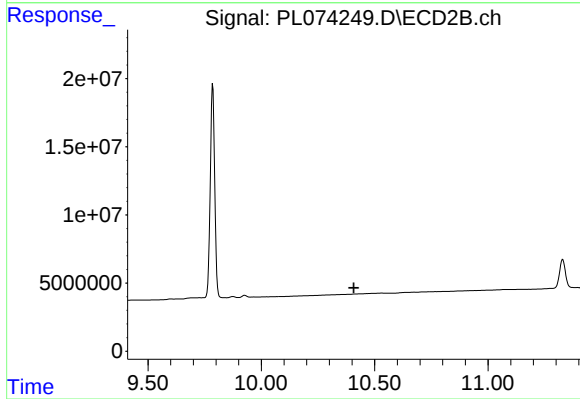
R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 2231253
Conc: 1.29 ng/ml



#22 Mirex

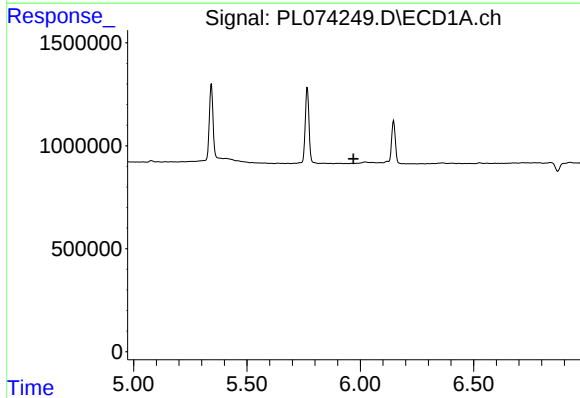
R.T.: 9.514 min
Delta R.T.: 0.012 min
Response: 76703
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



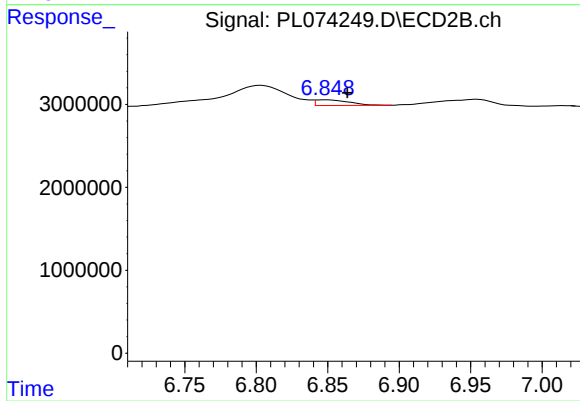
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 10.407 min
Response: 0
Conc: N.D.



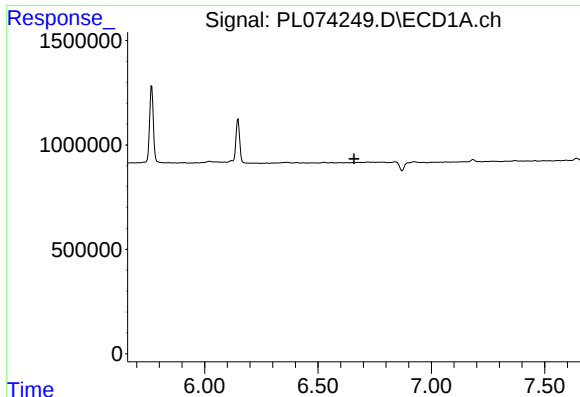
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.970 min
Response: 0
Conc: N.D.



#23 Chlordane-1

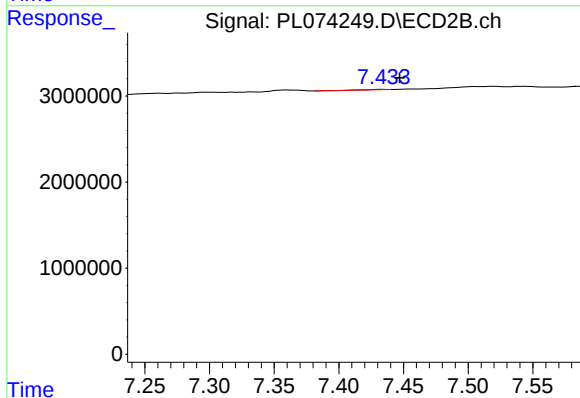
R.T.: 6.849 min
Delta R.T.: -0.015 min
Response: 1100248
Conc: 13.79 ng/ml



#24 Chlordane-2

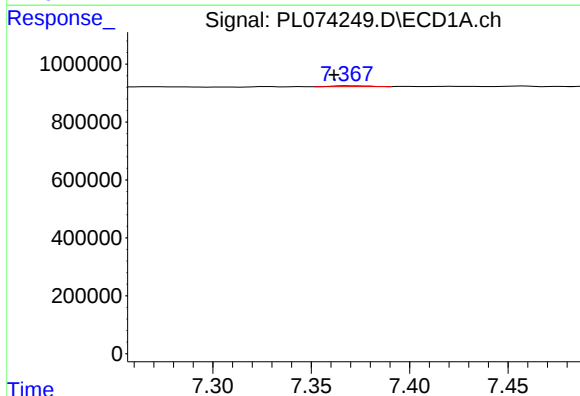
R.T.: 0.000 min
Exp R.T.: 6.659 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



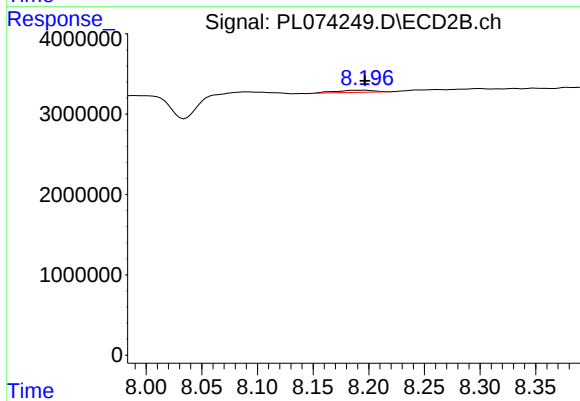
#24 Chlordane-2

R.T.: 7.434 min
Delta R.T.: -0.013 min
Response: 40812
Conc: 0.49 ng/ml



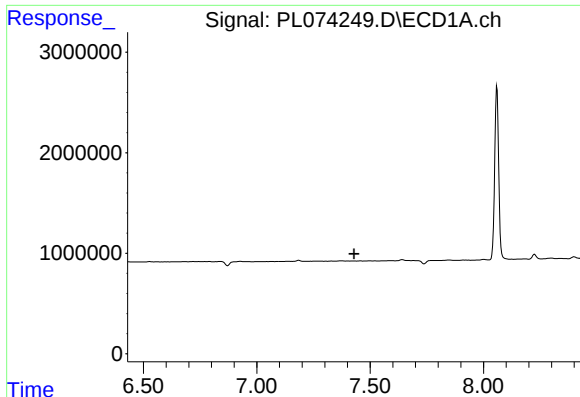
#25 Chlordane-3

R.T.: 7.368 min
Delta R.T.: 0.006 min
Response: 38278
Conc: 0.88 ng/ml



#25 Chlordane-3

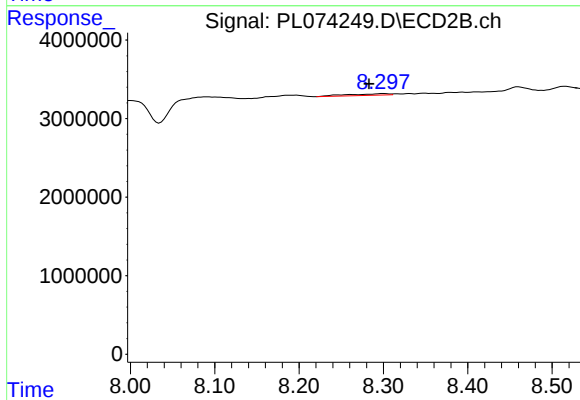
R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 657073
Conc: 1.94 ng/ml



#26 Chlordane-4

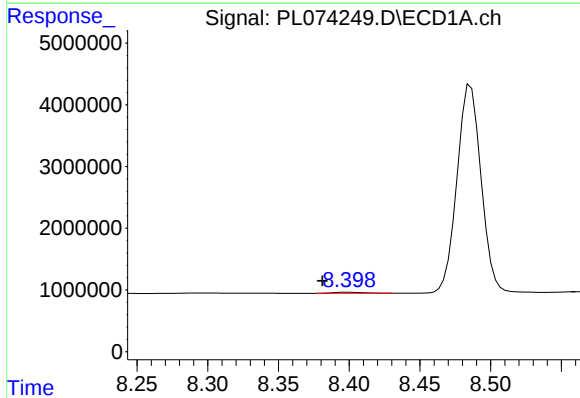
R.T.: 0.000 min
Exp R.T.: 7.430 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



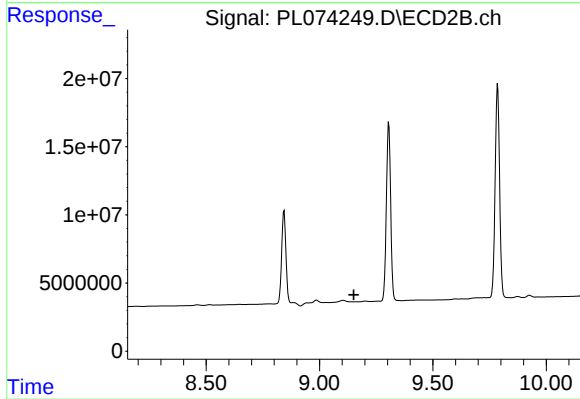
#26 Chlordane-4

R.T.: 8.300 min
Delta R.T.: 0.017 min
Response: 667508
Conc: 1.68 ng/ml



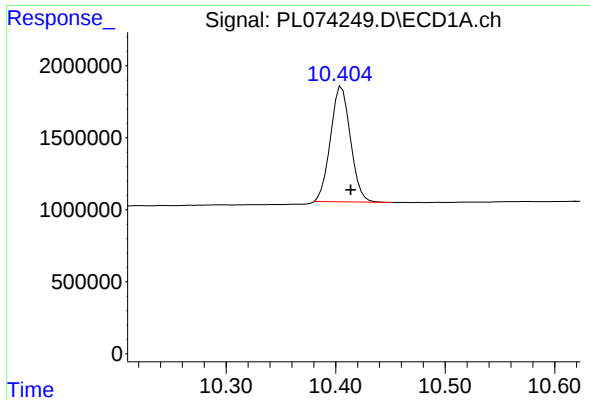
#27 Chlordane-5

R.T.: 8.399 min
Delta R.T.: 0.018 min
Response: 250255
Conc: 14.35 ng/ml



#27 Chlordane-5

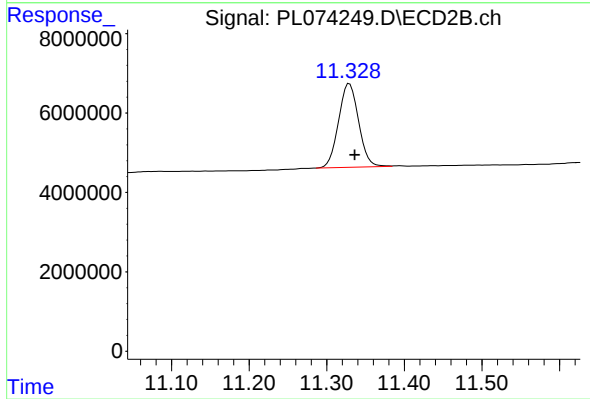
R.T.: 0.000 min
Exp R.T.: 9.152 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 10146265
Conc: 19.51 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 37827688
Conc: 21.42 ng/ml