

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 21:54
 Operator : AR\AJ
 Sample : SOIL IDOC 02
 Misc : FOR HAROON MUGHAL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:23:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.492	9950833	28370694	17.923	17.468
28)	SA Decachlor...	10.317	11.385	17010831	31508270	19.147	19.528
Target Compounds							
2)	A alpha-BHC	5.263	6.074	35666502	111.5E6	46.127	46.208
3)	MA gamma-BHC...	5.686	6.470	35008033	104.9E6	46.428	46.601
4)	MA Heptachlor	6.092	7.116	39134890	106.0E6	45.364	45.740
5)	MB Aldrin	6.416	7.486	36767013	104.9E6	46.562	47.431
6)	B beta-BHC	6.071	6.729	14902625	45394342	45.083	45.848
7)	B delta-BHC	6.329	6.995	36342960	107.1E6	45.879	43.531
8)	B Heptachlo...	6.993	7.953	35518524	109.6E6	46.659	54.734
9)	A Endosulfan I	7.396	8.358	33203746	88651112	46.719	48.977
10)	B gamma-Chl...	7.271	8.223	36375914	111.4E6	46.296	55.132
11)	B alpha-Chl...	7.340	8.303	36345948	98305010	46.330	49.579
12)	B 4,4'-DDE	7.555	8.494	34262832	90966790	47.457	48.099
13)	MA Dieldrin	7.682	8.648	36974565	93207135	48.804	47.443
14)	MA Endrin	7.973	8.887	32298279	78083673	46.097	47.095
15)	B Endosulfa...	8.286	9.123	33367987	79402647	44.878	46.301
16)	A 4,4'-DDD	8.142	9.034	29029873	70788186	49.520	49.510
17)	MA 4,4'-DDT	8.402	9.351	28608049	69259811	43.080	43.820
18)	B Endrin al...	8.475	9.258	27542054	63683740	48.341	51.301
19)	B Endosulfa...	8.706	9.495	33519427	73355975	45.718	46.988
20)	A Methoxychlor	8.998	9.838	17983941	-7731167	42.627	N.D. #
21)	B Endrin ke...	9.222	9.992	23117228	76114716	27.762	45.991 #
22)	Mirex	9.405	10.455	34362906	60198014	46.532	48.244
24)	Chlordane-2	0.000	7.486f	0	104.9E6	N.D.	1500.566 #
25)	Chlordane-3	7.271	8.223	36375914	111.4E6	475.448	401.004
26)	Chlordane-4	7.340	8.303	36345948	98305010	440.536	296.037 #
27)	Chlordane-5	8.286	0.000	33367987	0	1144.952	N.D. #

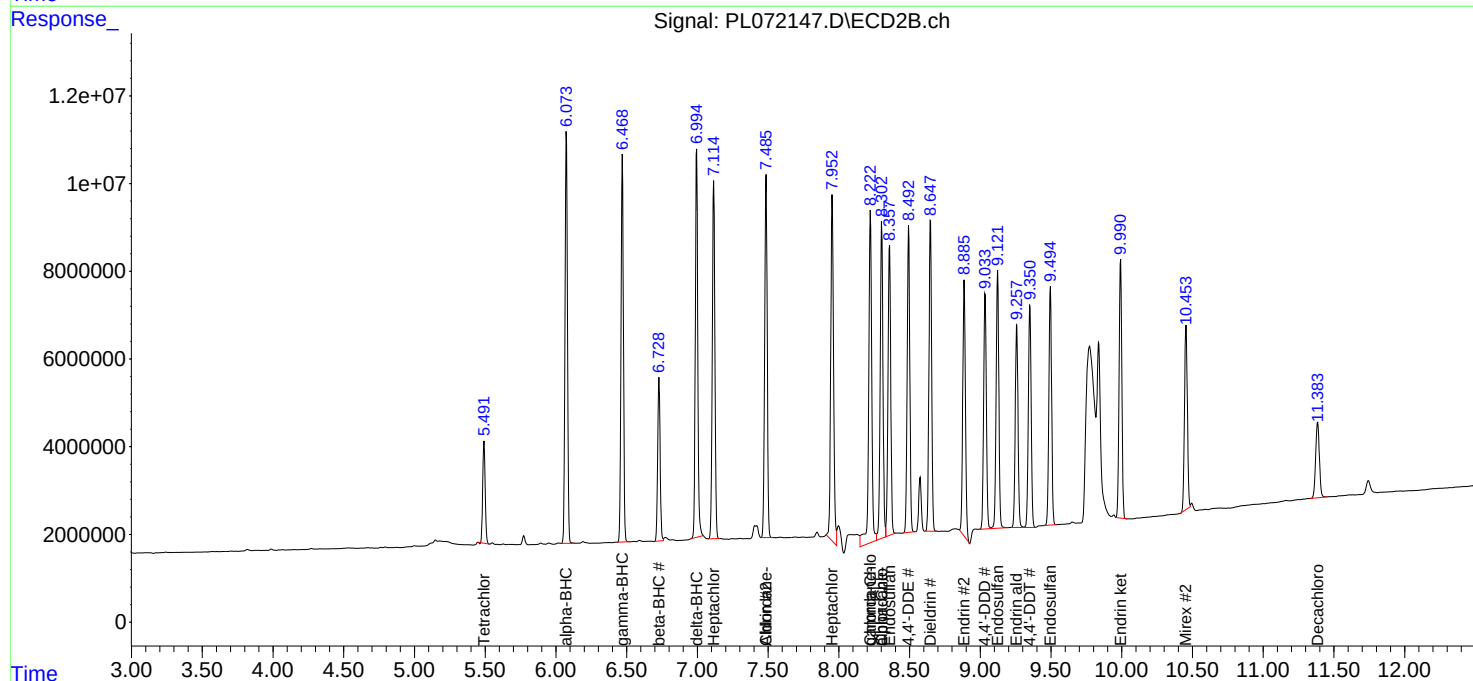
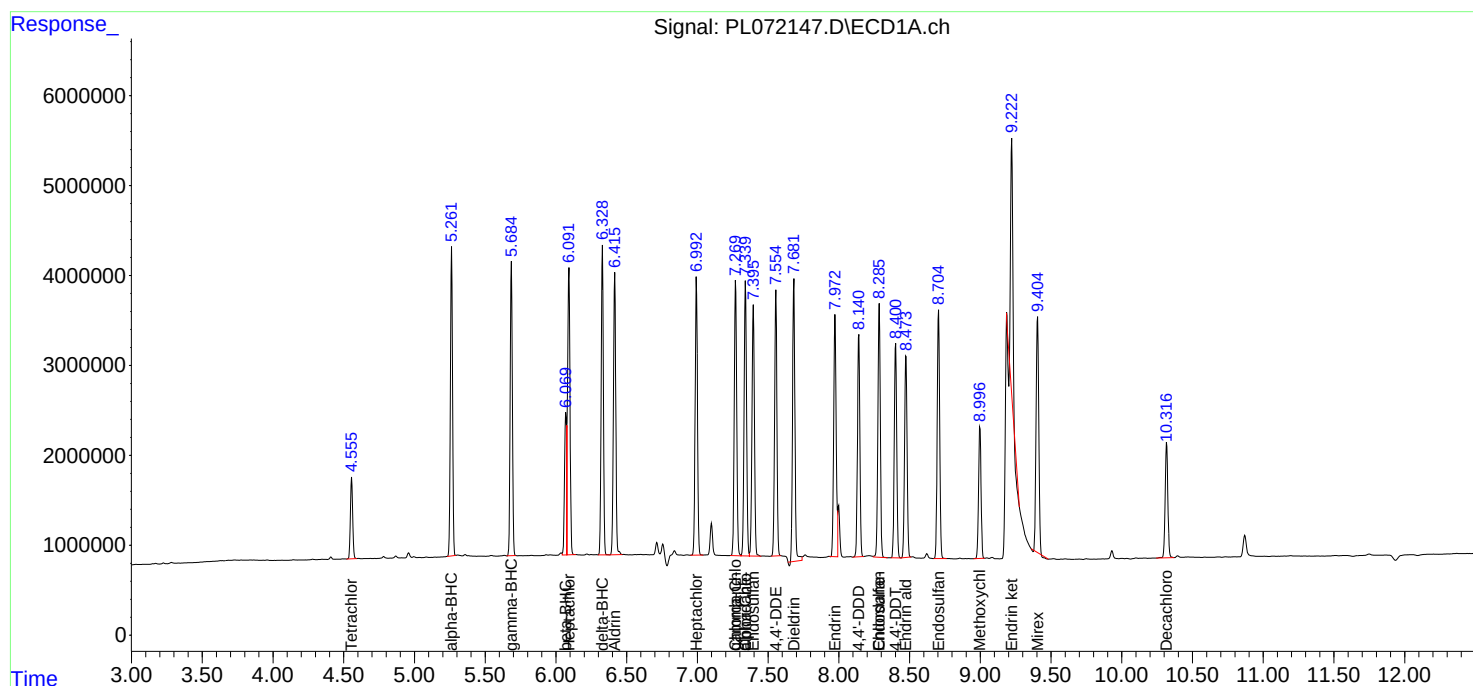
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

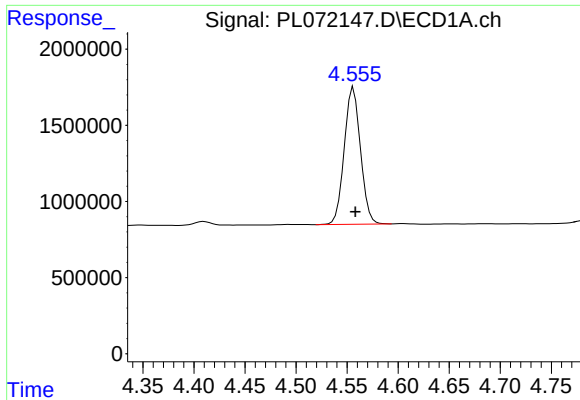
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
Data File : PL072147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2022 21:54
Operator : AR\AJ
Sample : SOIL IDOC 02
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:23:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
Quant Title : GC Extractables
QLast Update : Tue Jan 18 10:53:59 2022
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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

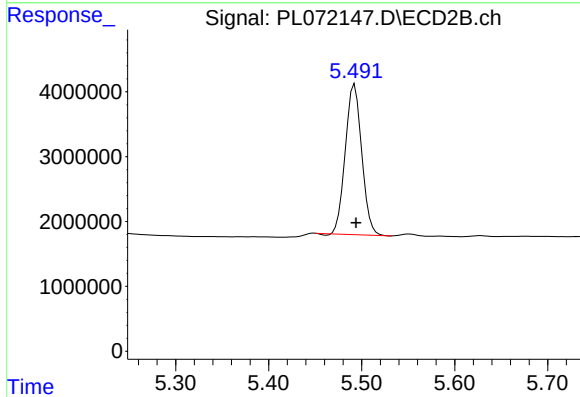




#1 Tetrachloro-m-xylene

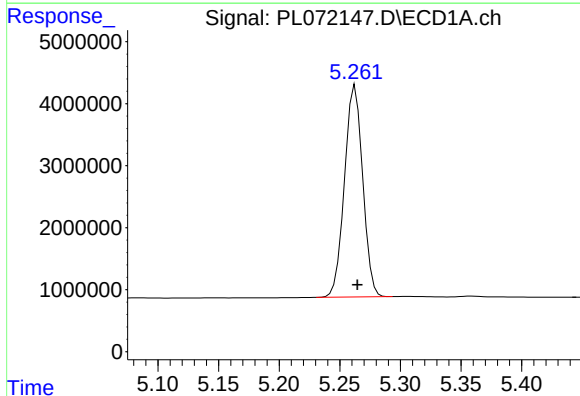
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 9950833
Conc: 17.92 ng/ml

Instrument :
ECD_L
ClientSampleId :



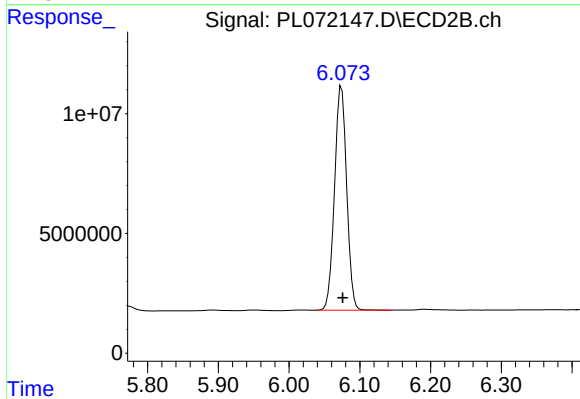
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 28370694
Conc: 17.47 ng/ml



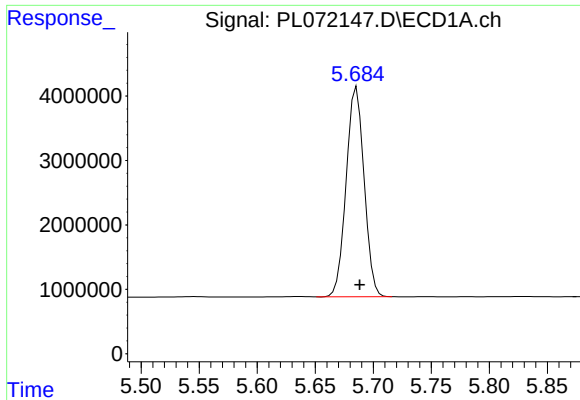
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: -0.002 min
Response: 35666502
Conc: 46.13 ng/ml



#2 alpha-BHC

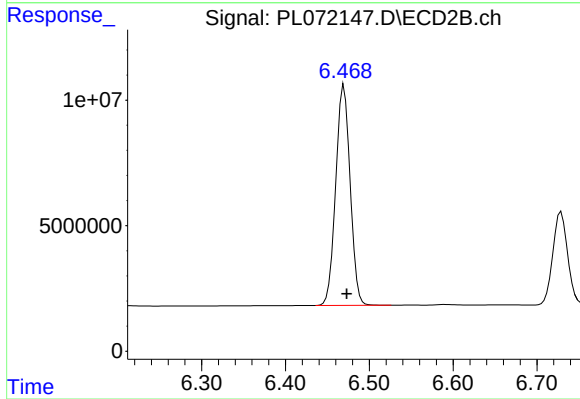
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 111494246
Conc: 46.21 ng/ml



#3 gamma-BHC (Lindane)

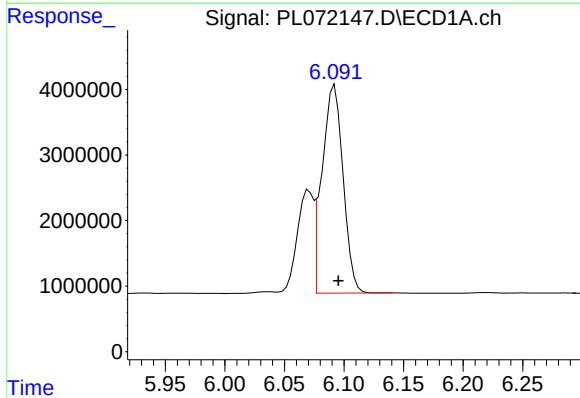
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 35008033
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



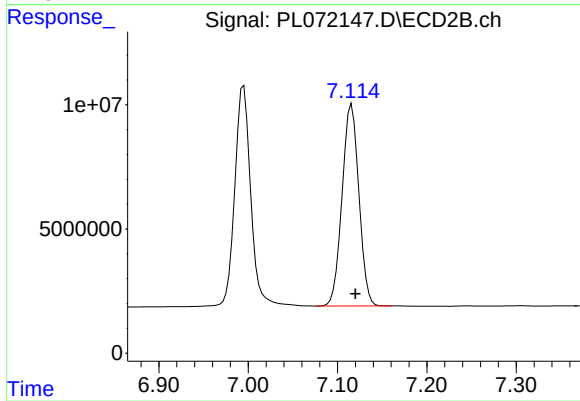
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 104866912
Conc: 46.60 ng/ml



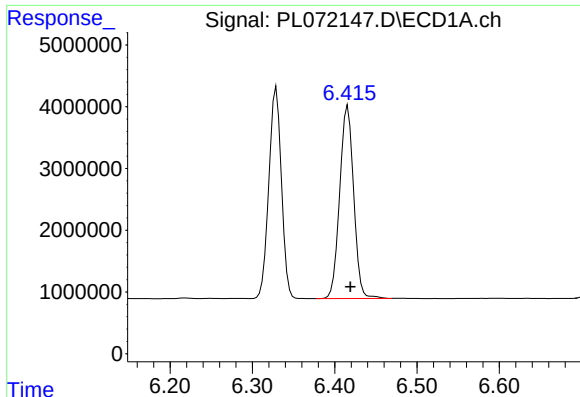
#4 Heptachlor

R.T.: 6.092 min
Delta R.T.: -0.003 min
Response: 39134890
Conc: 45.36 ng/ml



#4 Heptachlor

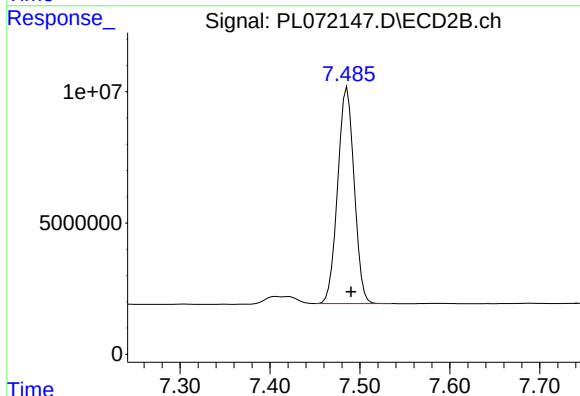
R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 106047574
Conc: 45.74 ng/ml



#5 Aldrin

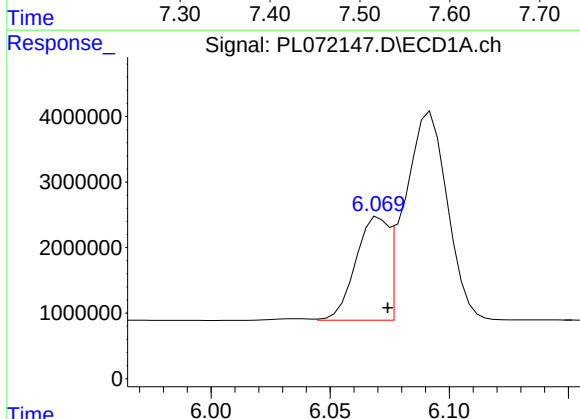
R.T.: 6.416 min
Delta R.T.: -0.003 min
Response: 36767013
Conc: 46.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



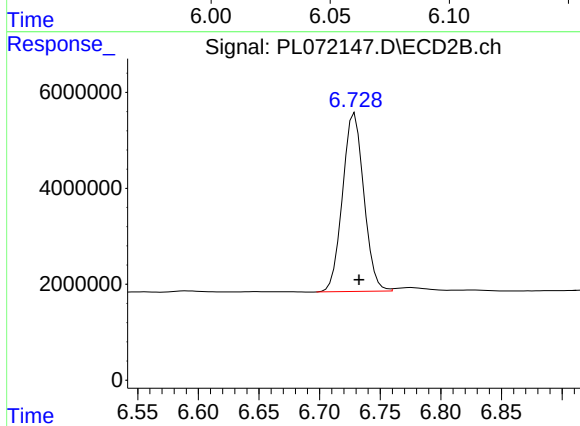
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.004 min
Response: 104880996
Conc: 47.43 ng/ml



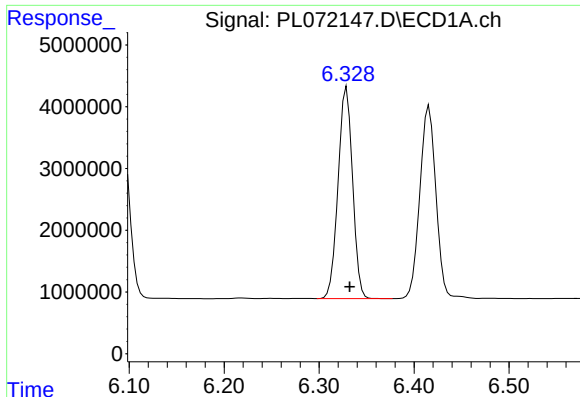
#6 beta-BHC

R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 14902625
Conc: 45.08 ng/ml



#6 beta-BHC

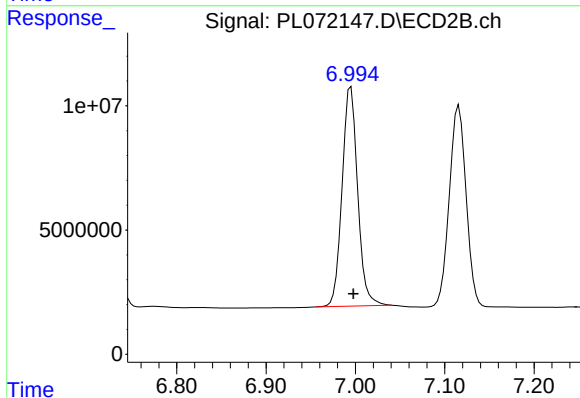
R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 45394342
Conc: 45.85 ng/ml



#7 delta-BHC

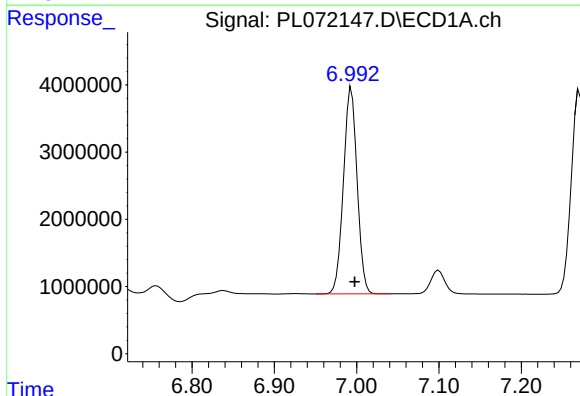
R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 36342960
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



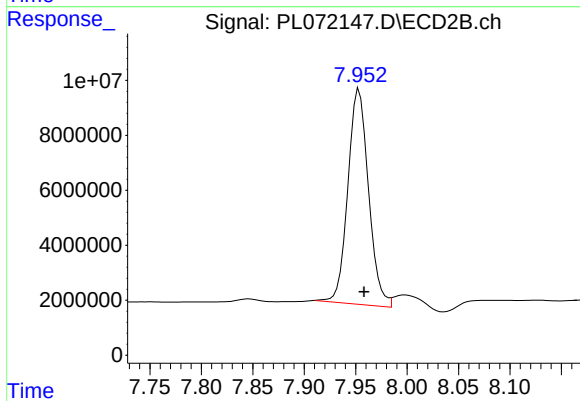
#7 delta-BHC

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 107100662
Conc: 43.53 ng/ml



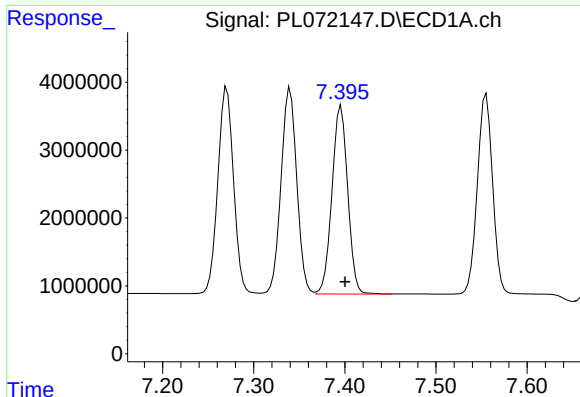
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.004 min
Response: 35518524
Conc: 46.66 ng/ml



#8 Heptachlor epoxide

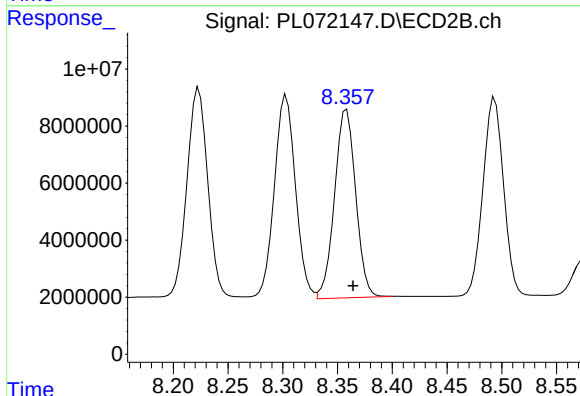
R.T.: 7.953 min
Delta R.T.: -0.005 min
Response: 109592908
Conc: 54.73 ng/ml



#9 Endosulfan I

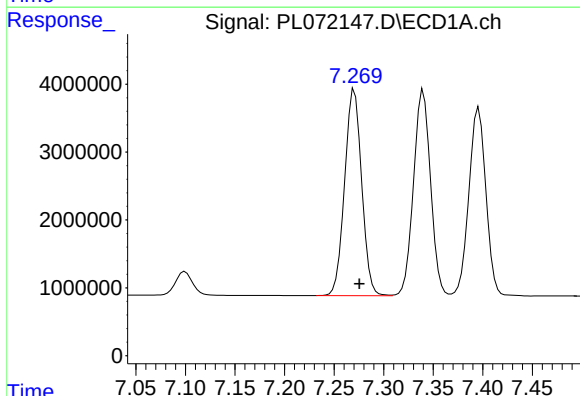
R.T.: 7.396 min
Delta R.T.: -0.004 min
Response: 33203746
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



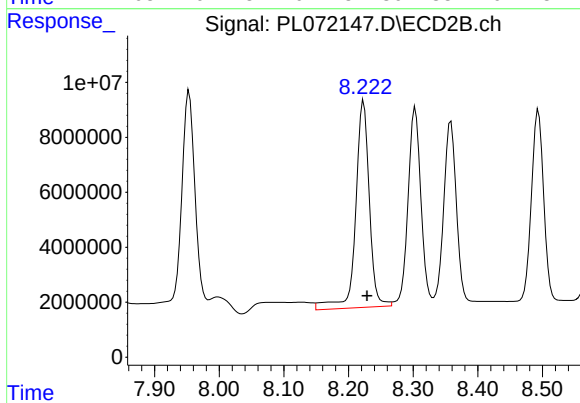
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 88651112
Conc: 48.98 ng/ml



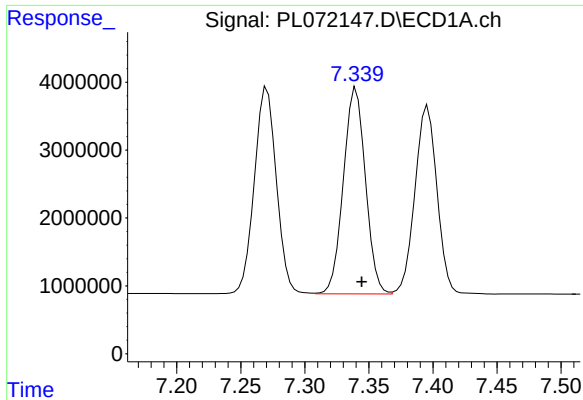
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 36375914
Conc: 46.30 ng/ml



#10 gamma-Chlordane

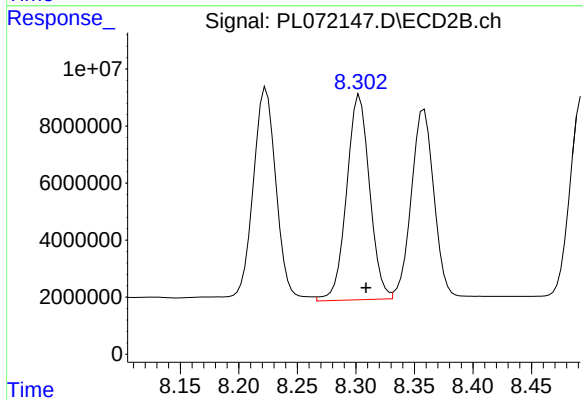
R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 111412023
Conc: 55.13 ng/ml



#11 alpha-Chlordane

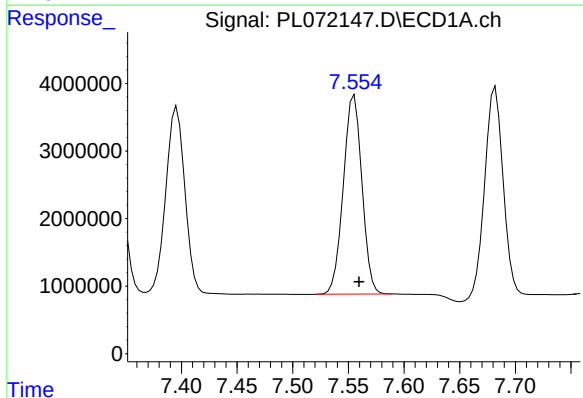
R.T.: 7.340 min
Delta R.T.: -0.004 min
Response: 36345948
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



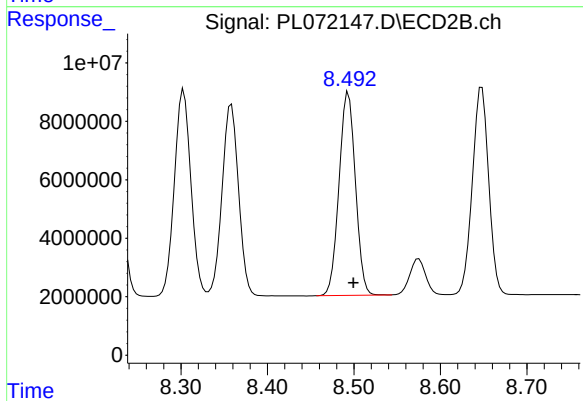
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.006 min
Response: 98305010
Conc: 49.58 ng/ml



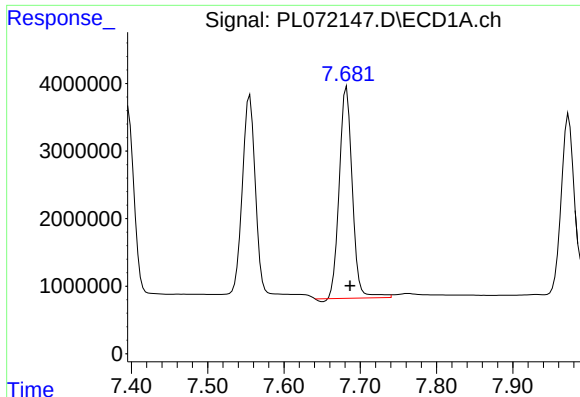
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 34262832
Conc: 47.46 ng/ml



#12 4,4'-DDE

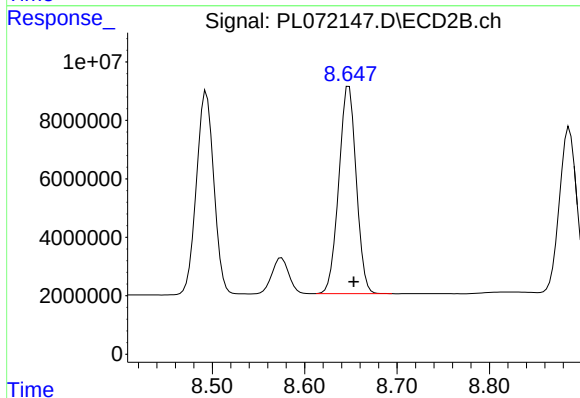
R.T.: 8.494 min
Delta R.T.: -0.006 min
Response: 90966790
Conc: 48.10 ng/ml



#13 Dieldrin

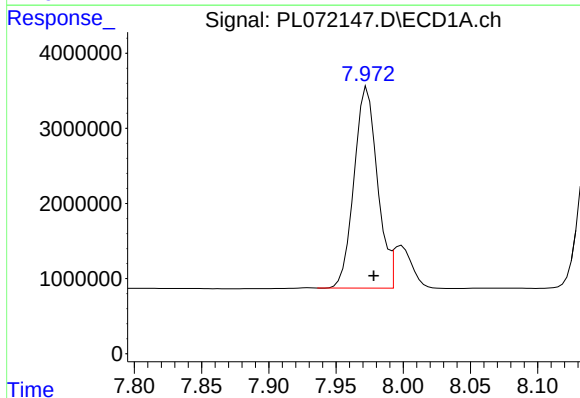
R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 36974565
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



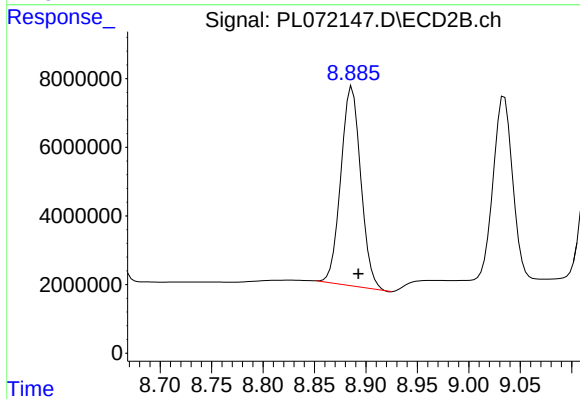
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: -0.005 min
Response: 93207135
Conc: 47.44 ng/ml



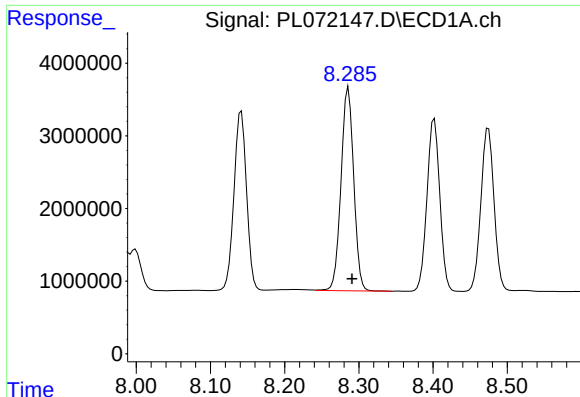
#14 Endrin

R.T.: 7.973 min
Delta R.T.: -0.005 min
Response: 32298279
Conc: 46.10 ng/ml



#14 Endrin

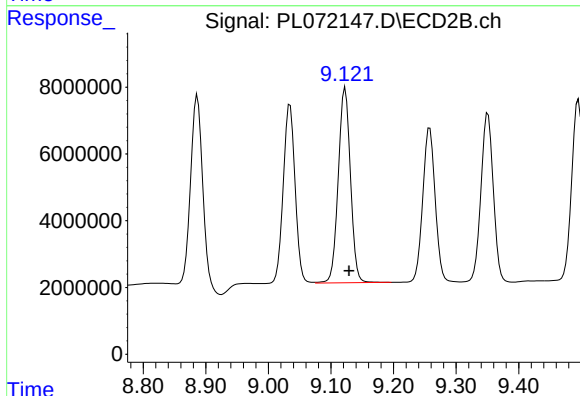
R.T.: 8.887 min
Delta R.T.: -0.006 min
Response: 78083673
Conc: 47.09 ng/ml



#15 Endosulfan II

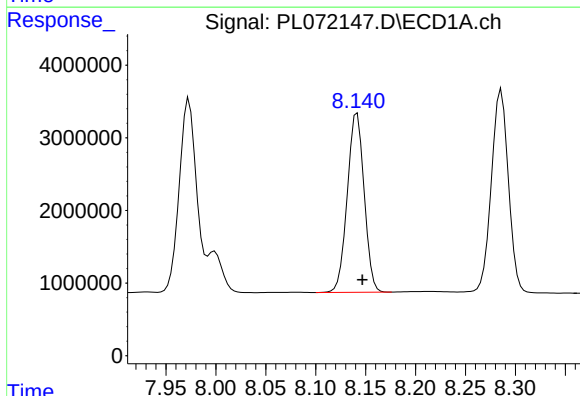
R.T.: 8.286 min
Delta R.T.: -0.005 min
Response: 33367987
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



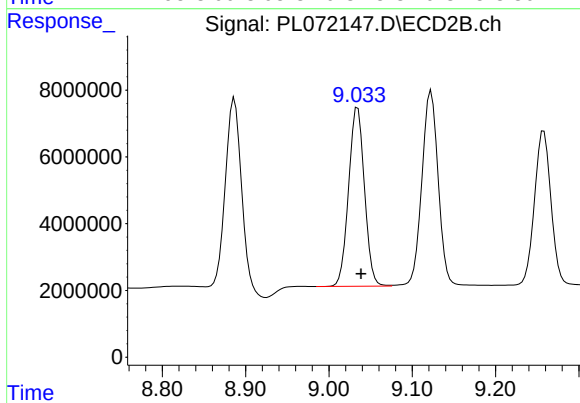
#15 Endosulfan II

R.T.: 9.123 min
Delta R.T.: -0.006 min
Response: 79402647
Conc: 46.30 ng/ml



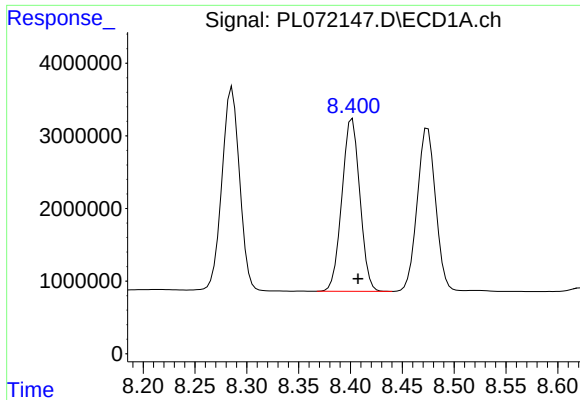
#16 4,4'-DDD

R.T.: 8.142 min
Delta R.T.: -0.005 min
Response: 29029873
Conc: 49.52 ng/ml



#16 4,4'-DDD

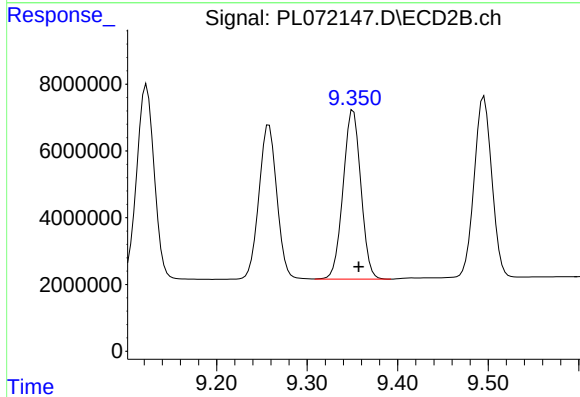
R.T.: 9.034 min
Delta R.T.: -0.004 min
Response: 70788186
Conc: 49.51 ng/ml



#17 4,4'-DDT

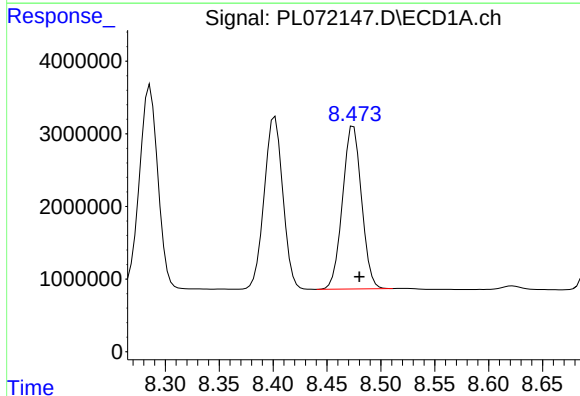
R.T.: 8.402 min
Delta R.T.: -0.005 min
Response: 28608049
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



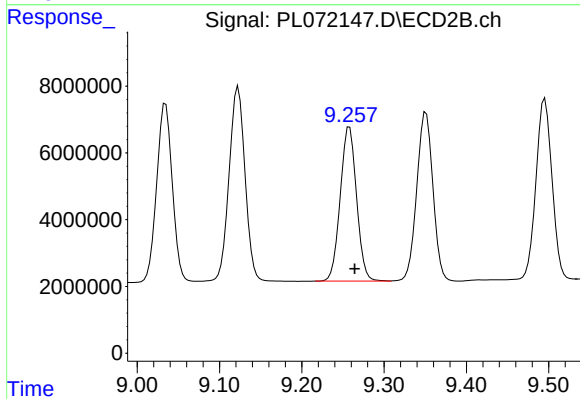
#17 4,4'-DDT

R.T.: 9.351 min
Delta R.T.: -0.006 min
Response: 69259811
Conc: 43.82 ng/ml



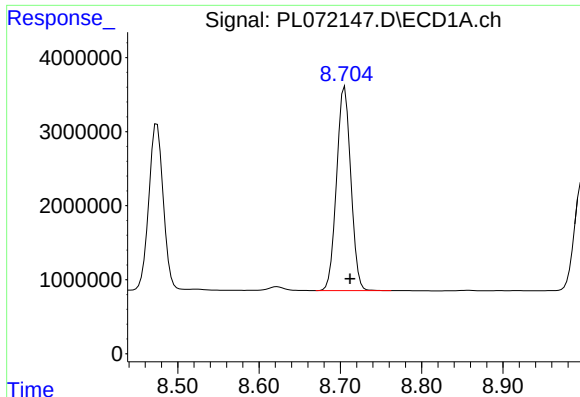
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: -0.005 min
Response: 27542054
Conc: 48.34 ng/ml



#18 Endrin aldehyde

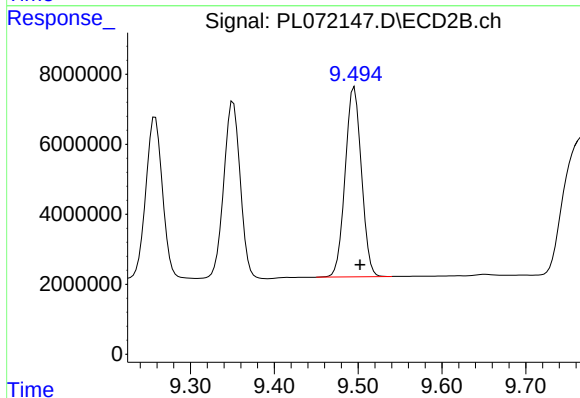
R.T.: 9.258 min
Delta R.T.: -0.006 min
Response: 63683740
Conc: 51.30 ng/ml



#19 Endosulfan Sulfate

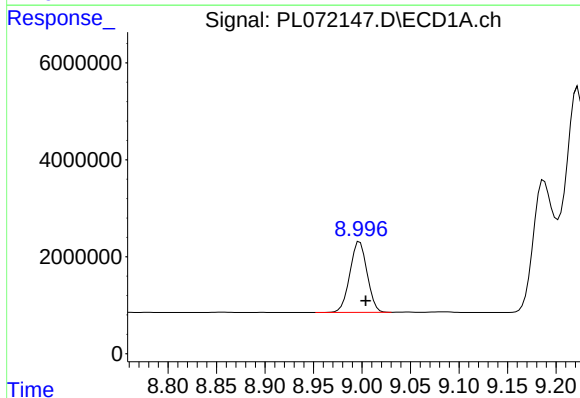
R.T.: 8.706 min
Delta R.T.: -0.006 min
Response: 33519427
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



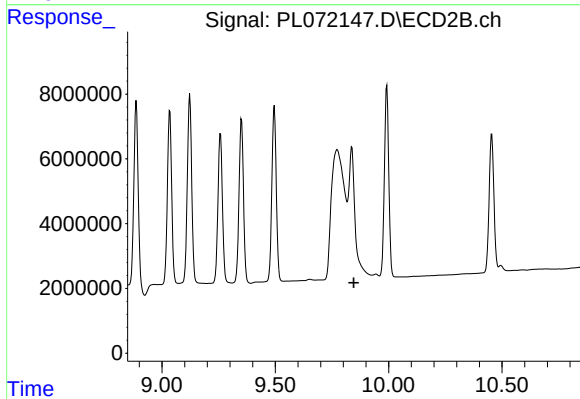
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.007 min
Response: 73355975
Conc: 46.99 ng/ml



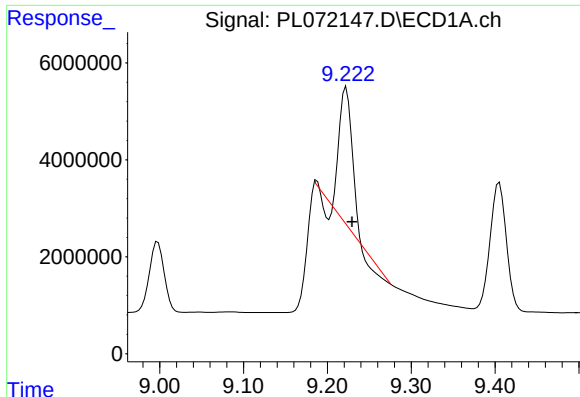
#20 Methoxychlor

R.T.: 8.998 min
Delta R.T.: -0.006 min
Response: 17983941
Conc: 42.63 ng/ml



#20 Methoxychlor

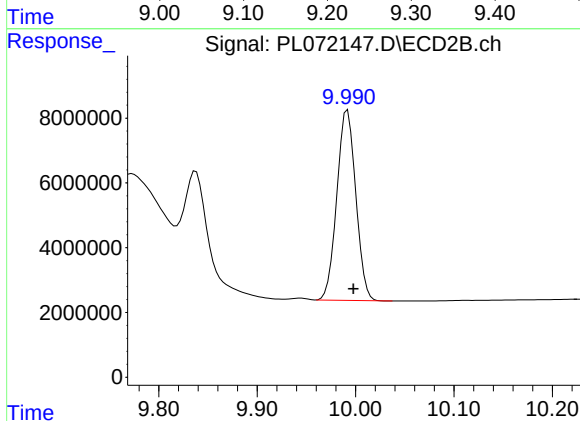
R.T.: 9.838 min
Delta R.T.: -0.008 min
Response: -7731167
Conc: N.D.



#21 Endrin ketone

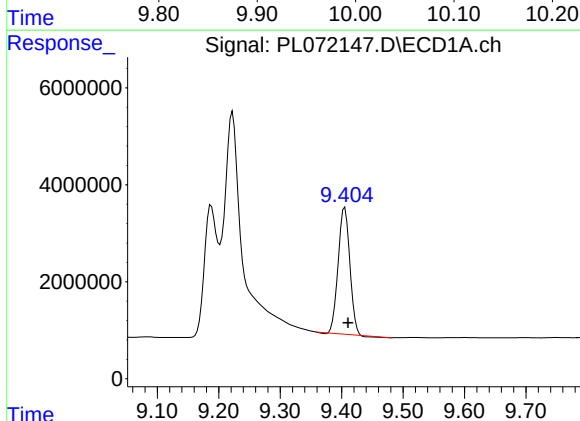
R.T.: 9.222 min
Delta R.T.: -0.007 min
Response: 23117228
Conc: 27.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



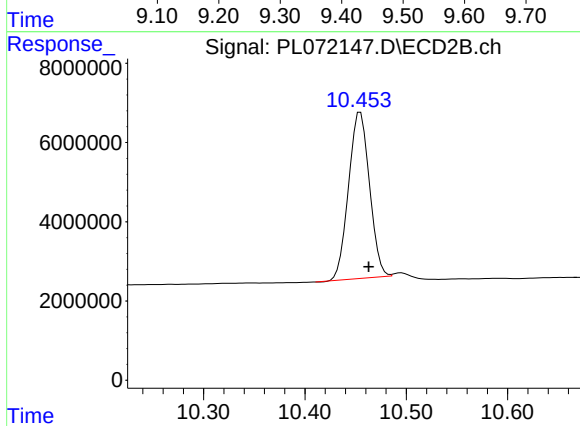
#21 Endrin ketone

R.T.: 9.992 min
Delta R.T.: -0.006 min
Response: 76114716
Conc: 45.99 ng/ml



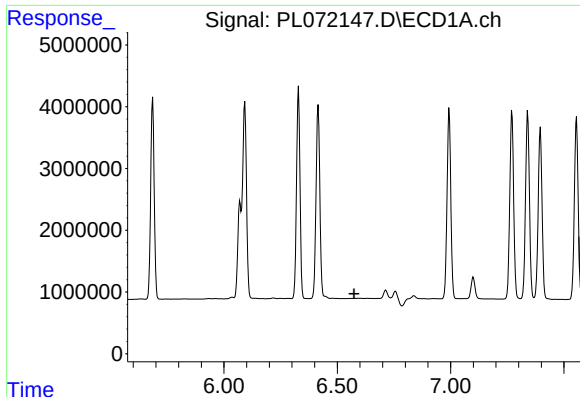
#22 Mirex

R.T.: 9.405 min
Delta R.T.: -0.005 min
Response: 34362906
Conc: 46.53 ng/ml



#22 Mirex

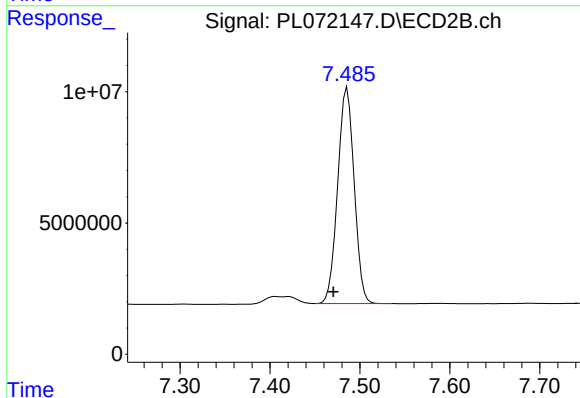
R.T.: 10.455 min
Delta R.T.: -0.008 min
Response: 60198014
Conc: 48.24 ng/ml



#24 Chlordane-2

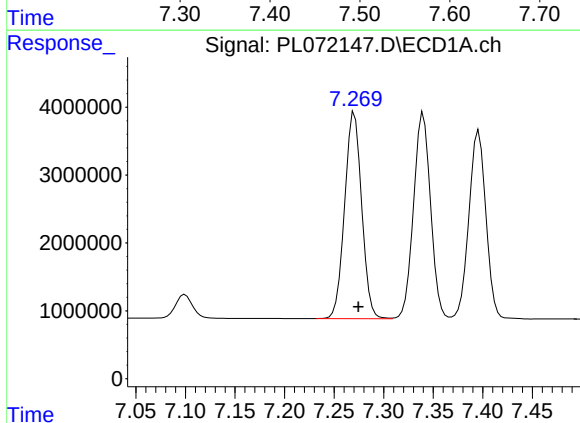
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



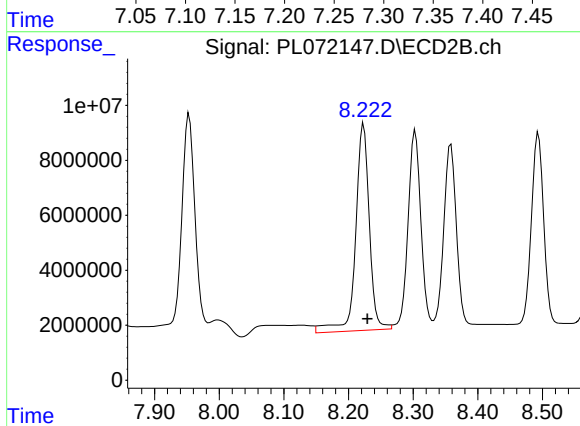
#24 Chlordane-2

R.T.: 7.486 min
Delta R.T.: 0.015 min
Response: 104880996
Conc: 1500.57 ng/ml



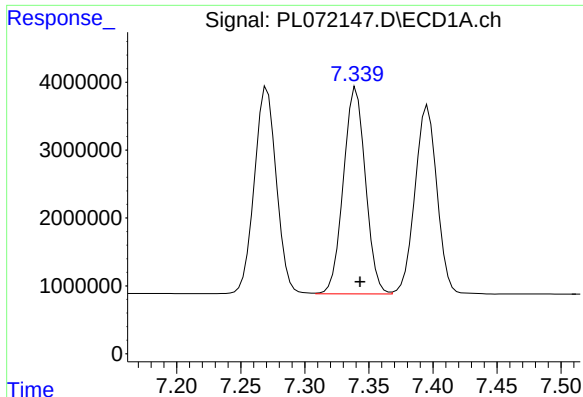
#25 Chlordane-3

R.T.: 7.271 min
Delta R.T.: -0.004 min
Response: 36375914
Conc: 475.45 ng/ml



#25 Chlordane-3

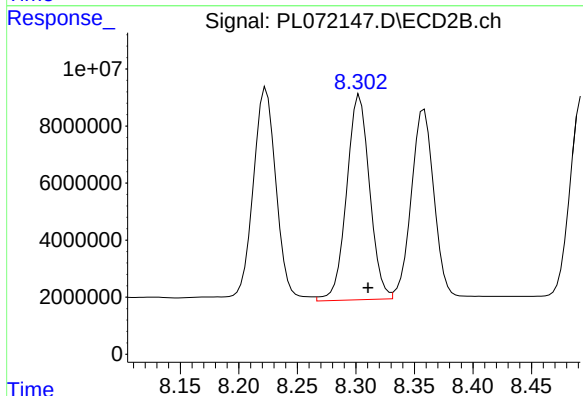
R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 111412023
Conc: 401.00 ng/ml



#26 Chlordane-4

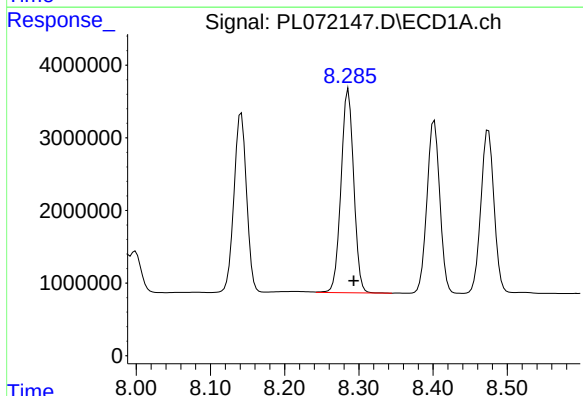
R.T.: 7.340 min
Delta R.T.: -0.003 min
Response: 36345948
Conc: 440.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



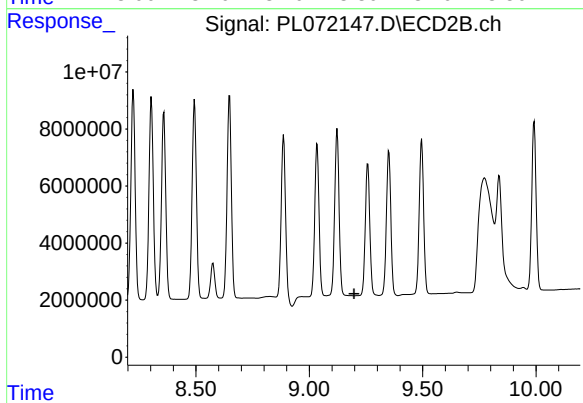
#26 Chlordane-4

R.T.: 8.303 min
Delta R.T.: -0.007 min
Response: 98305010
Conc: 296.04 ng/ml



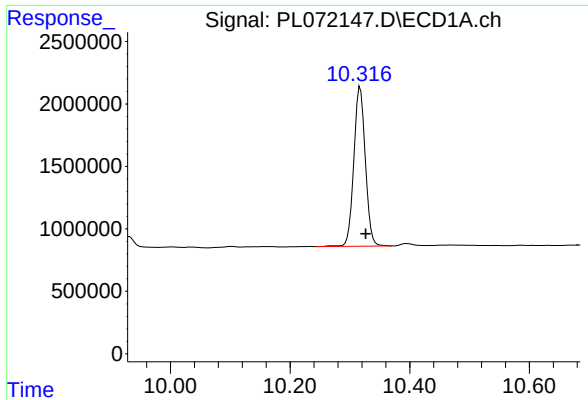
#27 Chlordane-5

R.T.: 8.286 min
Delta R.T.: -0.007 min
Response: 33367987
Conc: 1144.95 ng/ml



#27 Chlordane-5

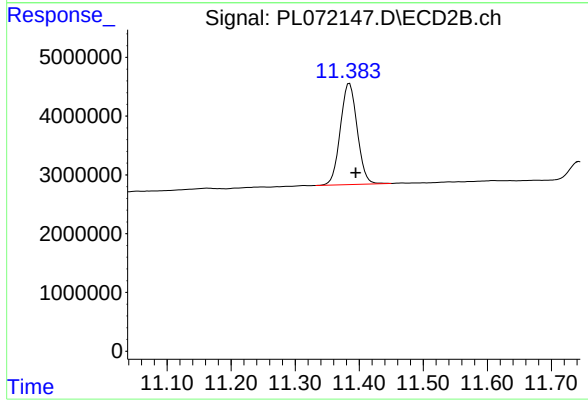
R.T.: 0.000 min
Exp R.T. : 9.198 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.009 min
Response: 17010831
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.010 min
Response: 31508270
Conc: 19.53 ng/ml