

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 22:11
 Operator : AR\AJ
 Sample : SOIL IDOC 03
 Misc : FOR HAROON MUGHAL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:23:53 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	9808784	27683471	17.668	17.045
28)	SA Decachlor...	10.317	11.384	16891245	30589195	19.012	18.958
Target Compounds							
2)	A alpha-BHC	5.262	6.074	35206299	109.9E6	45.532	45.554
3)	MA gamma-BHC...	5.685	6.470	34535461	103.6E6	45.802	46.016
4)	MA Heptachlor	6.091	7.116	38638093	103.9E6	44.788	44.835
5)	MB Aldrin	6.415	7.486	36288657	102.6E6	45.956	46.411
6)	B beta-BHC	6.070	6.729	14744606	44783495	44.605	45.231
7)	B delta-BHC	6.328	6.994	36106197	105.9E6	45.580	43.037
8)	B Heptachlo...	6.993	7.954	34941811	113.3E6	45.902	56.569
9)	A Endosulfan I	7.395	8.358	32644396	86047875	45.932	47.538
10)	B gamma-Chl...	7.270	8.223	35926022	104.2E6	45.724	51.542
11)	B alpha-Chl...	7.339	8.303	35854262	95333562	45.704	48.080
12)	B 4,4'-DDE	7.555	8.493	33729318	87158059	46.718	46.085
13)	MA Dieldrin	7.681	8.647	36137312	90565620	47.699	46.099
14)	MA Endrin	7.972	8.886	32102631	76467995	45.817	46.120
15)	B Endosulfa...	8.284	9.122	32565744	77878226	43.799	45.412
16)	A 4,4'-DDD	8.140	9.033	28488019	69477046	48.596	48.593
17)	MA 4,4'-DDT	8.401	9.350	28242168	68989032	42.529	43.649
18)	B Endrin al...	8.473	9.256	27072659	62230232	47.517	50.130
19)	B Endosulfa...	8.704	9.494	33090280	72382768	45.132	46.365
20)	A Methoxychlor	8.997	9.836	17877419	-29679351	42.374	N.D. #
21)	B Endrin ke...	9.221	9.991	12984987	77197698	15.594	46.645 #
22)	Mirex	9.404	10.454	32018529	58574628	43.357	46.943
24)	Chlordane-2	0.000	7.486	0	102.6E6	N.D.	1468.305 #
25)	Chlordane-3	7.270	8.223	35926022	104.2E6	469.568	374.892
26)	Chlordane-4	7.339	8.303	35854262	95333562	434.577	287.088 #
27)	Chlordane-5	8.284	0.000	32565744	0	1117.425	N.D. #

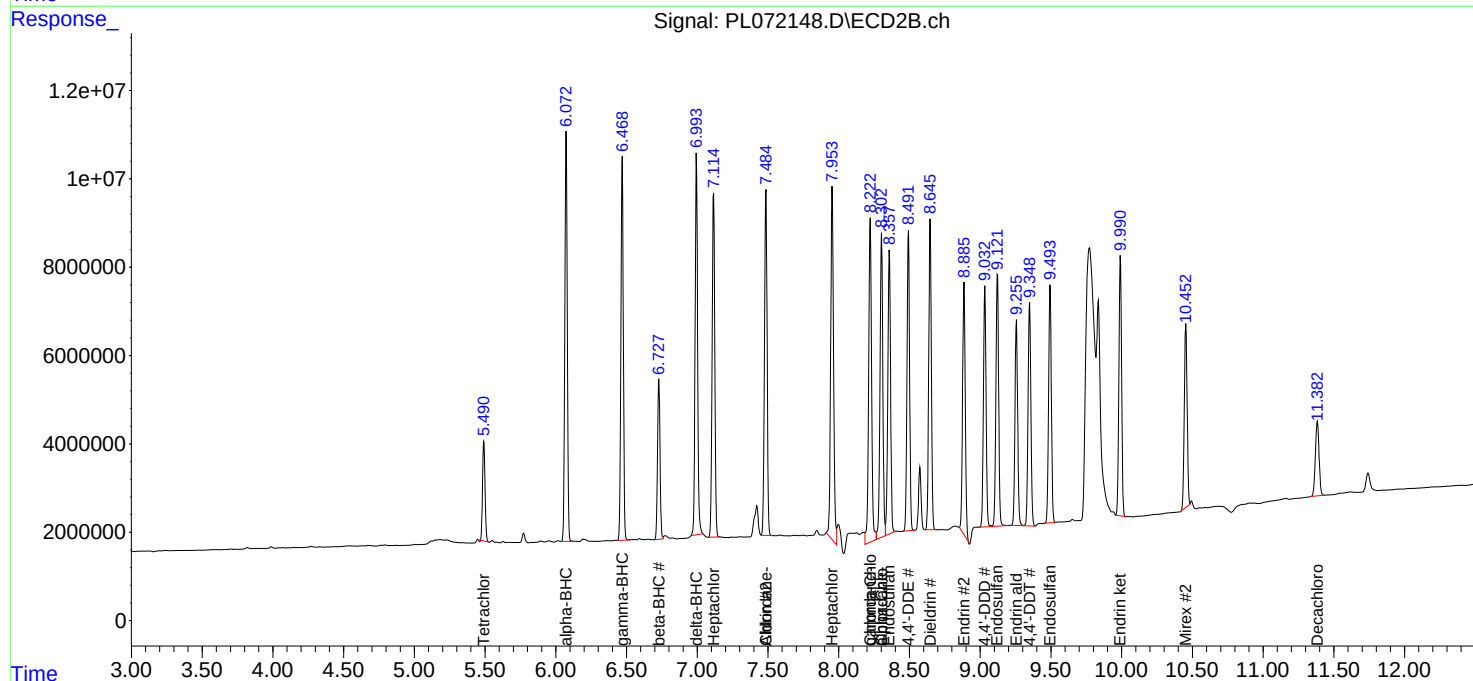
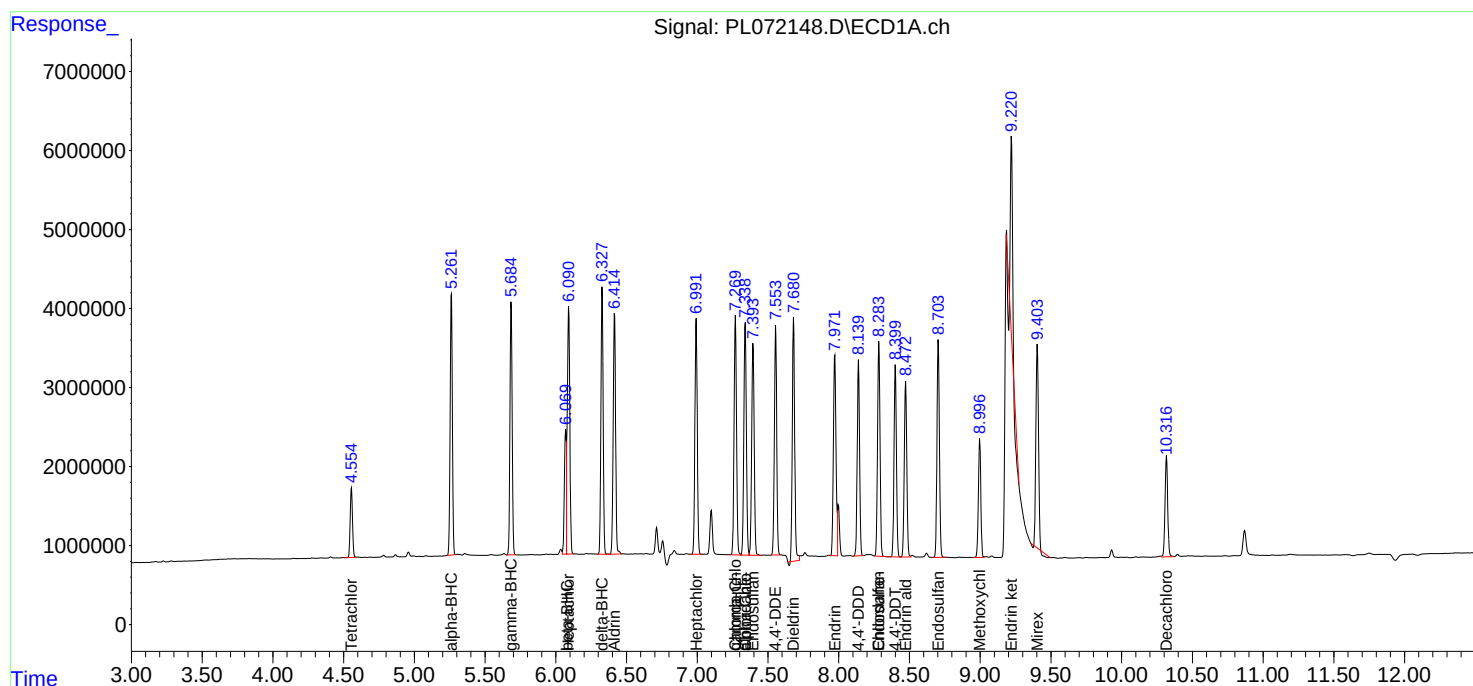
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

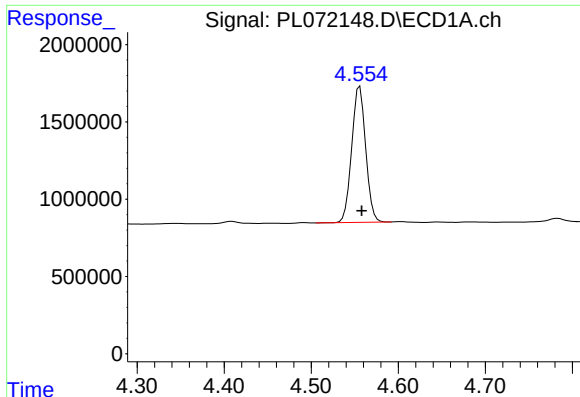
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012022\
 Data File : PL072148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2022 22:11
 Operator : AR\AJ
 Sample : SOIL IDOC 03
 Misc : FOR HAROON MUGHAL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:23:53 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

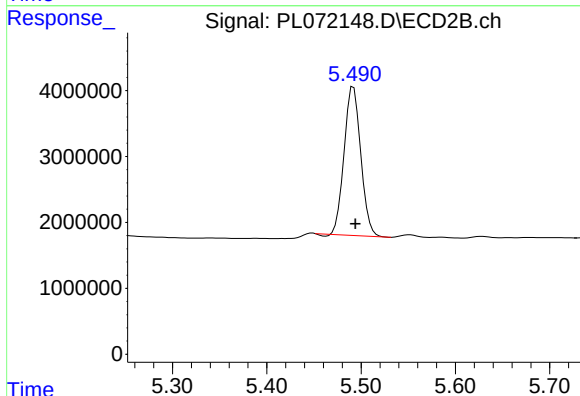




#1 Tetrachloro-m-xylene

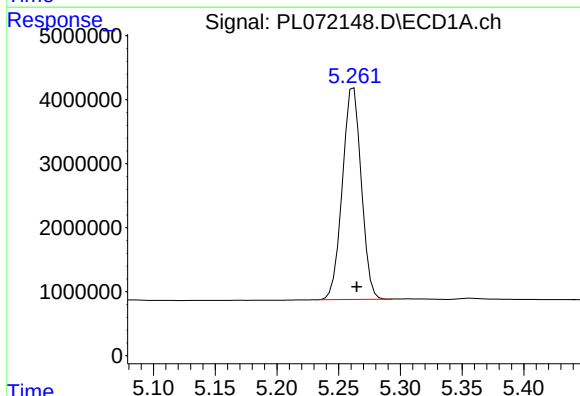
R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 9808784
Conc: 17.67 ng/ml

Instrument :
ECD_L
ClientSampleId :



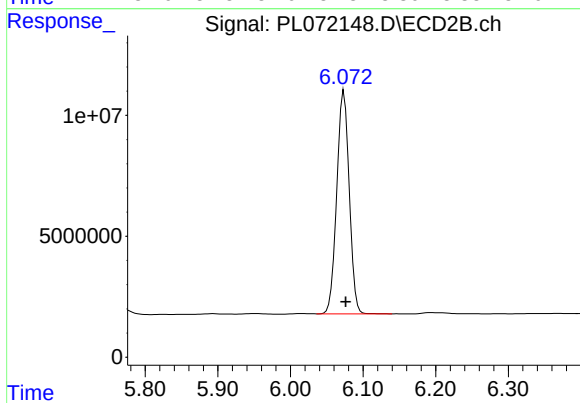
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 27683471
Conc: 17.05 ng/ml



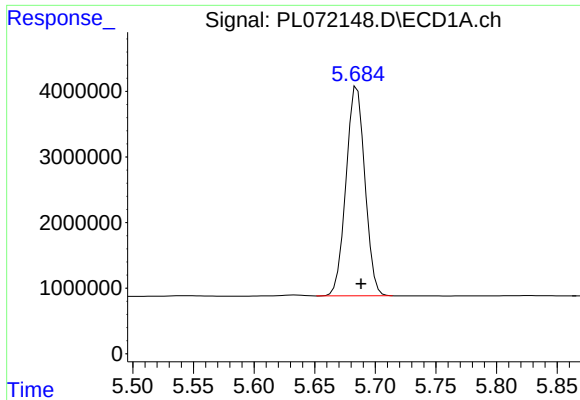
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 35206299
Conc: 45.53 ng/ml



#2 alpha-BHC

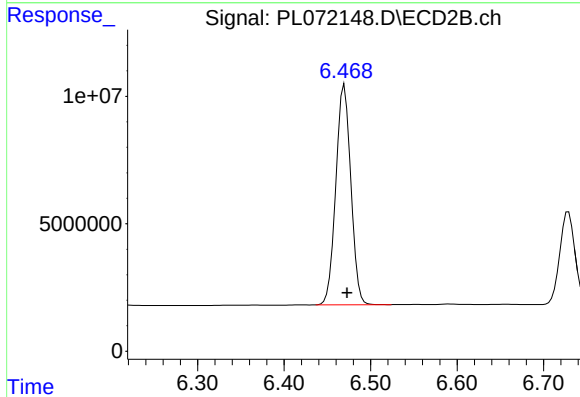
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 109914796
Conc: 45.55 ng/ml



#3 gamma-BHC (Lindane)

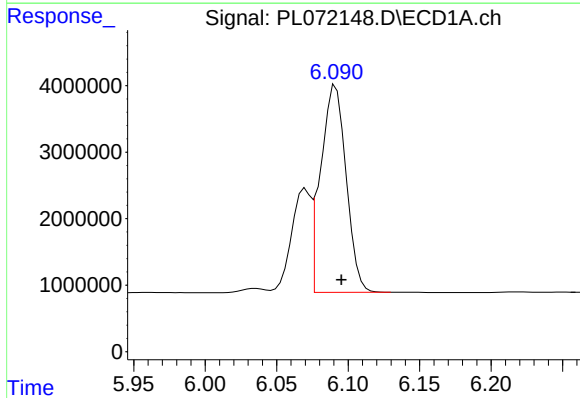
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 34535461
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



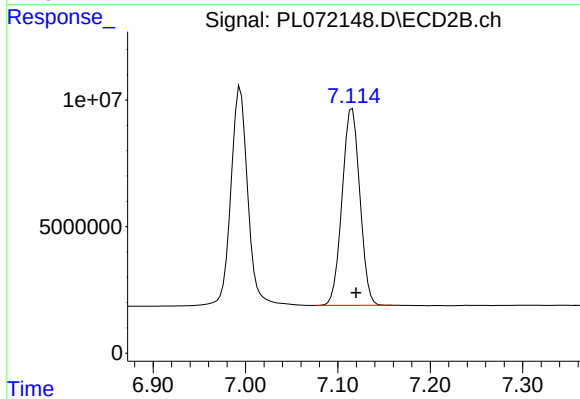
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: -0.003 min
Response: 103550406
Conc: 46.02 ng/ml



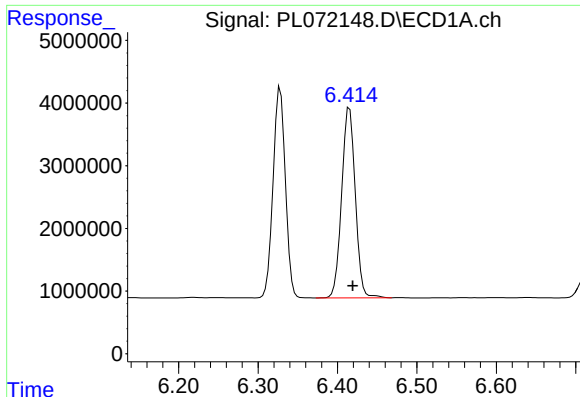
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 38638093
Conc: 44.79 ng/ml



#4 Heptachlor

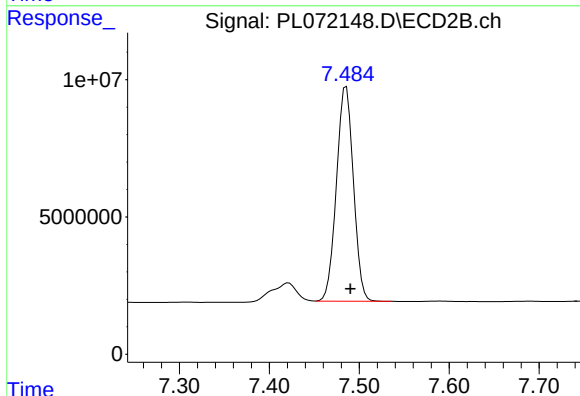
R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 103948517
Conc: 44.83 ng/ml



#5 Aldrin

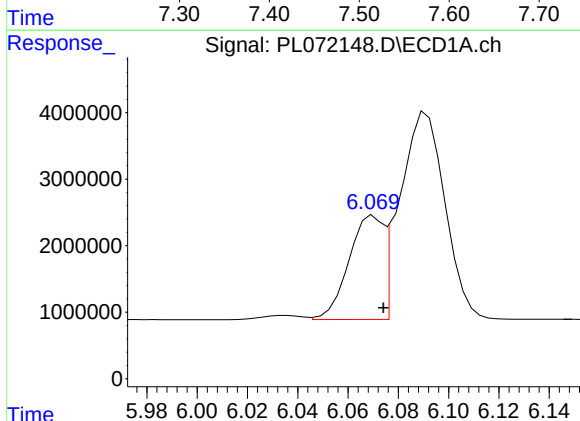
R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 36288657
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



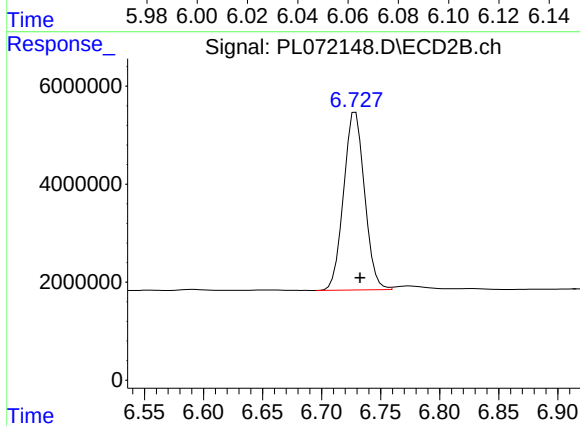
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: -0.005 min
Response: 102626183
Conc: 46.41 ng/ml



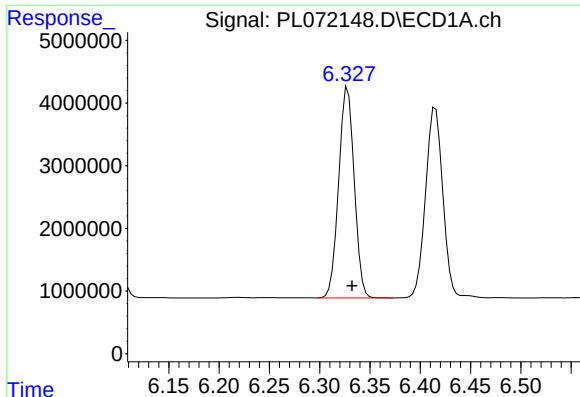
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 14744606
Conc: 44.60 ng/ml



#6 beta-BHC

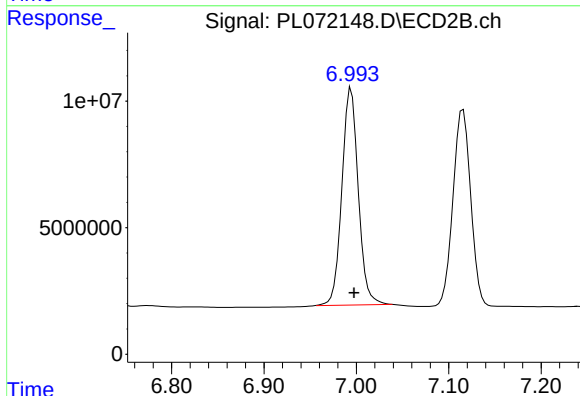
R.T.: 6.729 min
Delta R.T.: -0.004 min
Response: 44783495
Conc: 45.23 ng/ml



#7 delta-BHC

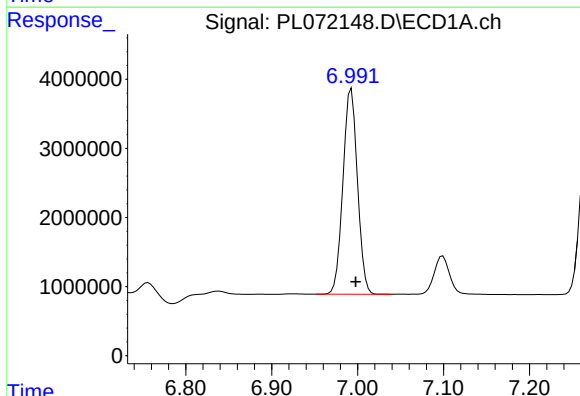
R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 36106197
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



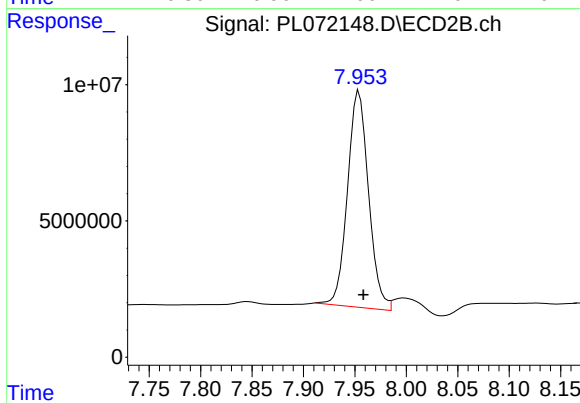
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.003 min
Response: 105885022
Conc: 43.04 ng/ml



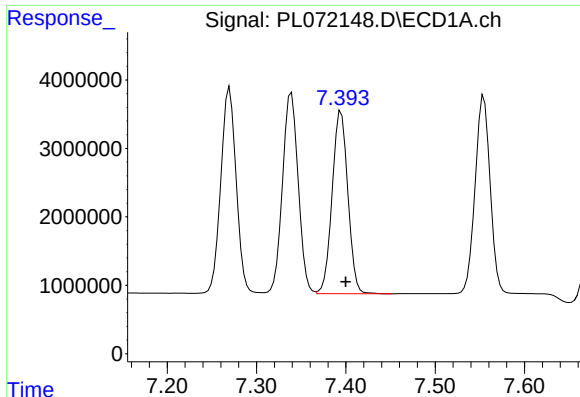
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 34941811
Conc: 45.90 ng/ml



#8 Heptachlor epoxide

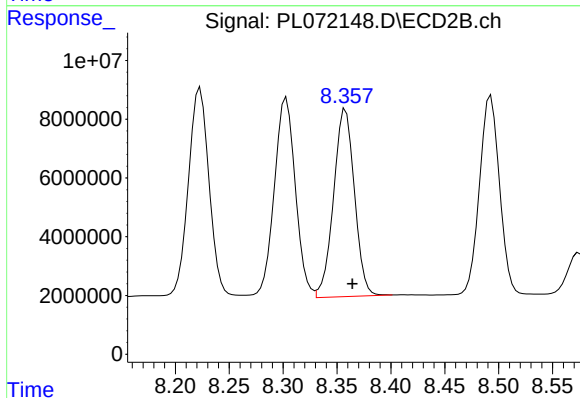
R.T.: 7.954 min
Delta R.T.: -0.004 min
Response: 113268710
Conc: 56.57 ng/ml



#9 Endosulfan I

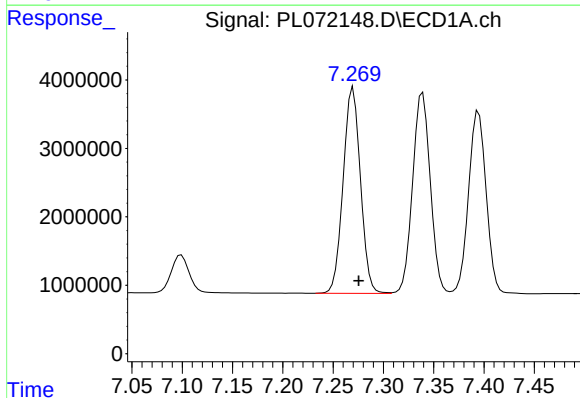
R.T.: 7.395 min
Delta R.T.: -0.005 min
Response: 32644396
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



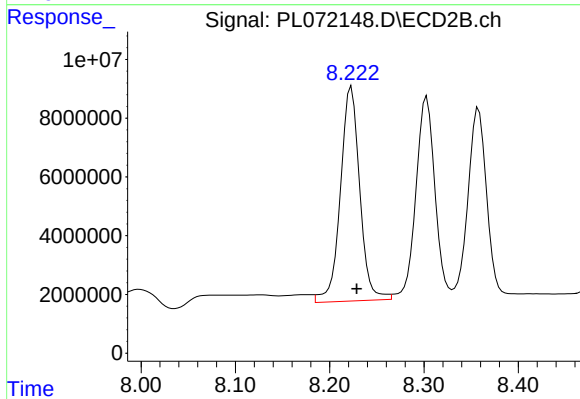
#9 Endosulfan I

R.T.: 8.358 min
Delta R.T.: -0.006 min
Response: 86047875
Conc: 47.54 ng/ml



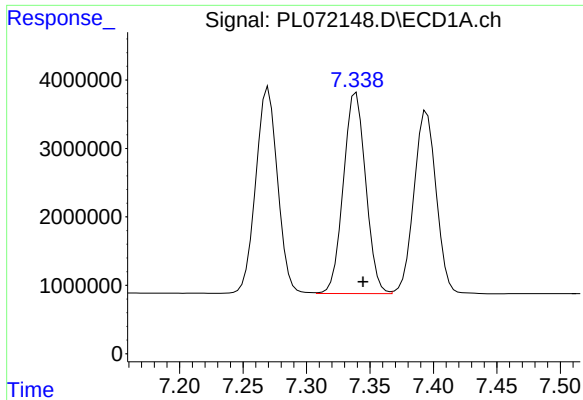
#10 gamma-Chlordane

R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 35926022
Conc: 45.72 ng/ml



#10 gamma-Chlordane

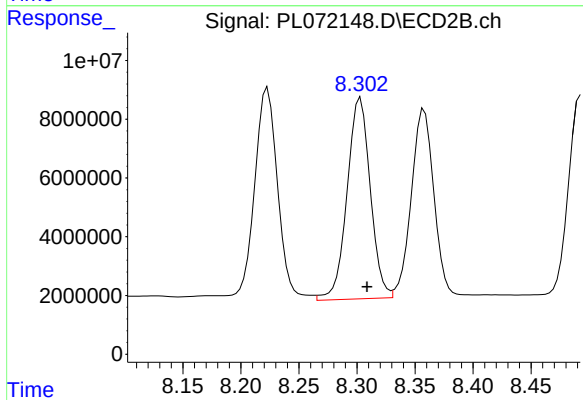
R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 104157326
Conc: 51.54 ng/ml



#11 alpha-Chlordane

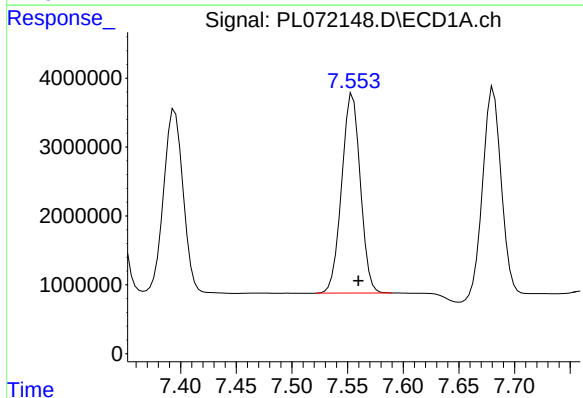
R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 35854262
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



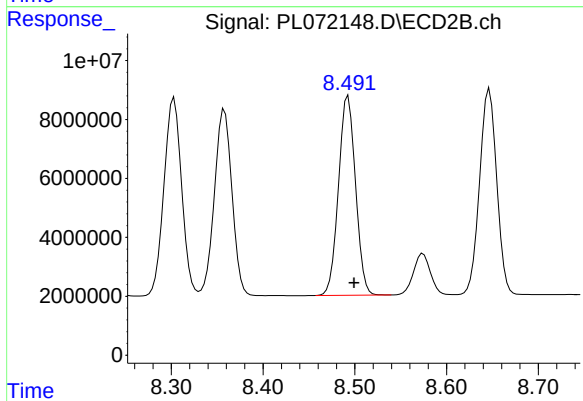
#11 alpha-Chlordane

R.T.: 8.303 min
Delta R.T.: -0.006 min
Response: 95333562
Conc: 48.08 ng/ml



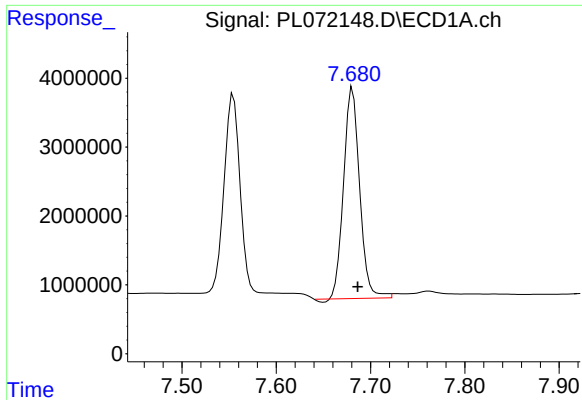
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: -0.005 min
Response: 33729318
Conc: 46.72 ng/ml



#12 4,4'-DDE

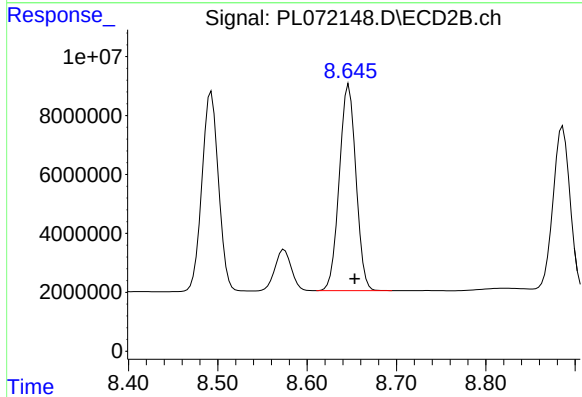
R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 87158059
Conc: 46.08 ng/ml



#13 Dieldrin

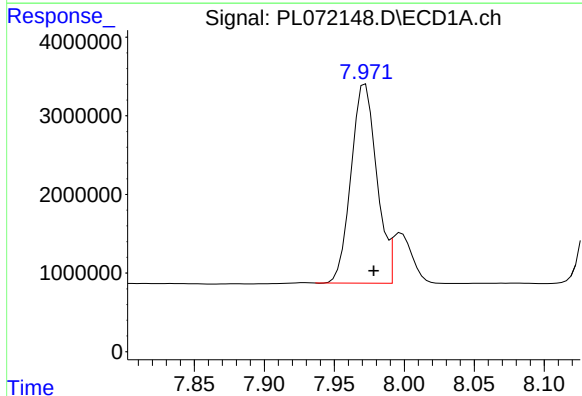
R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 36137312
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



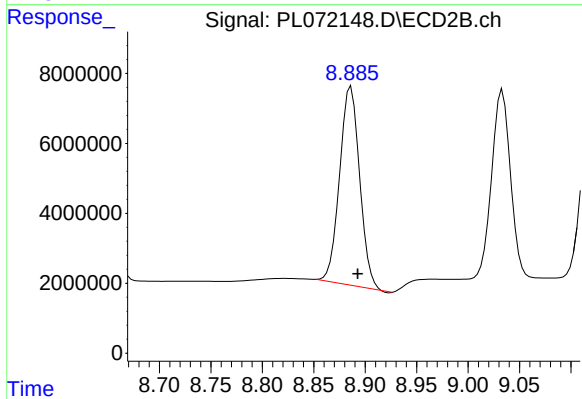
#13 Dieldrin

R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 90565620
Conc: 46.10 ng/ml



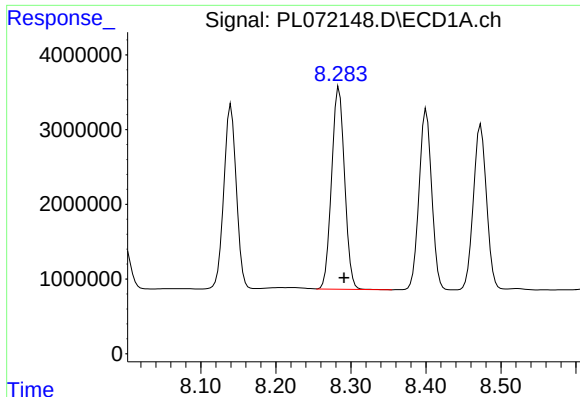
#14 Endrin

R.T.: 7.972 min
Delta R.T.: -0.006 min
Response: 32102631
Conc: 45.82 ng/ml



#14 Endrin

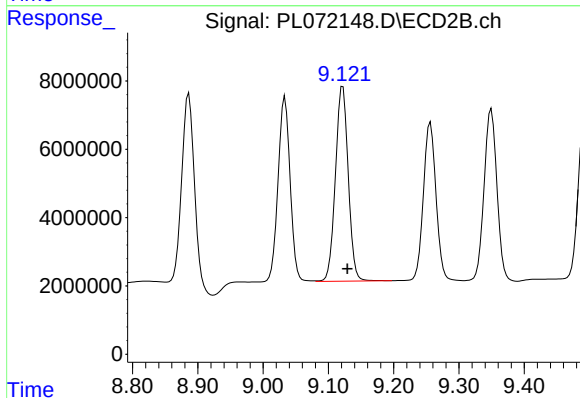
R.T.: 8.886 min
Delta R.T.: -0.007 min
Response: 76467995
Conc: 46.12 ng/ml



#15 Endosulfan II

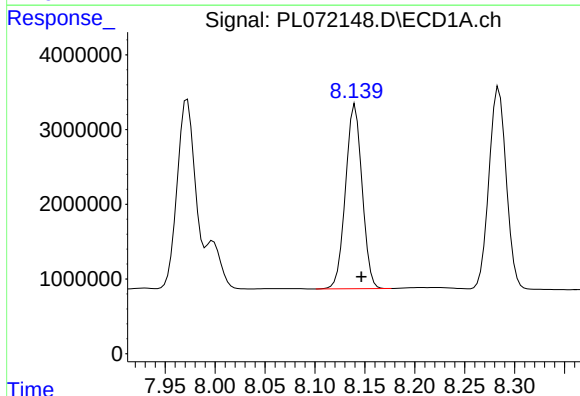
R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 32565744
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



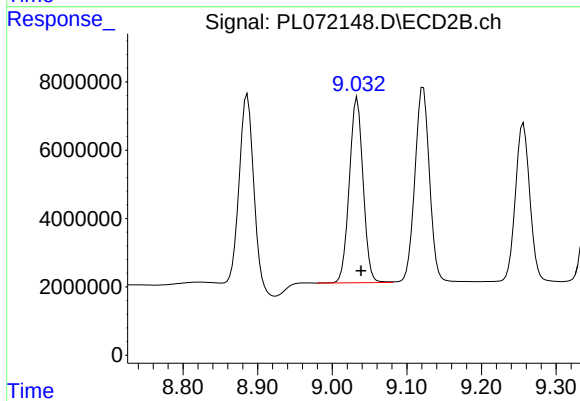
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: -0.007 min
Response: 77878226
Conc: 45.41 ng/ml



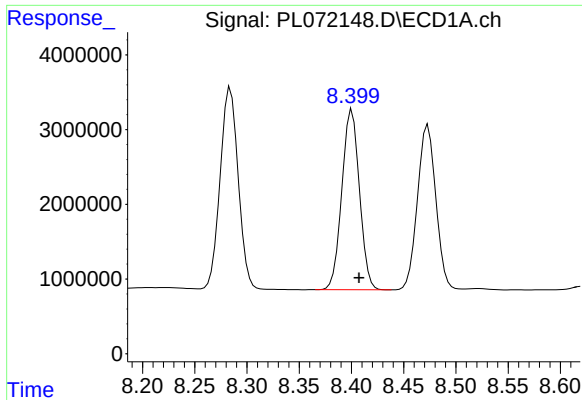
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 28488019
Conc: 48.60 ng/ml



#16 4,4'-DDD

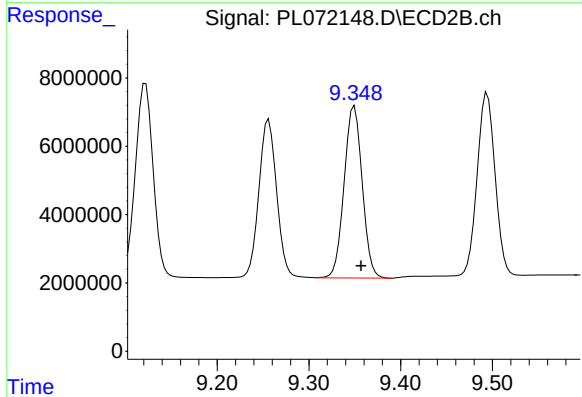
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 69477046
Conc: 48.59 ng/ml



#17 4,4'-DDT

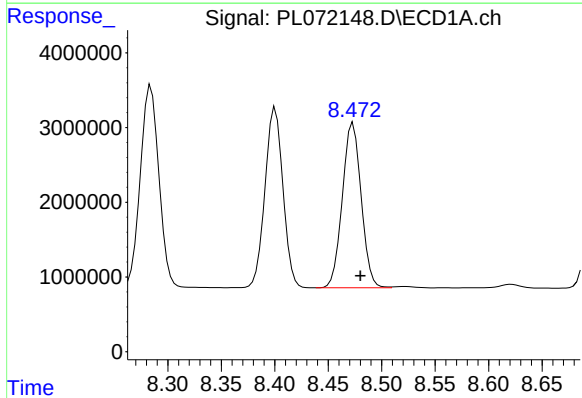
R.T.: 8.401 min
Delta R.T.: -0.007 min
Response: 28242168
Conc: 42.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



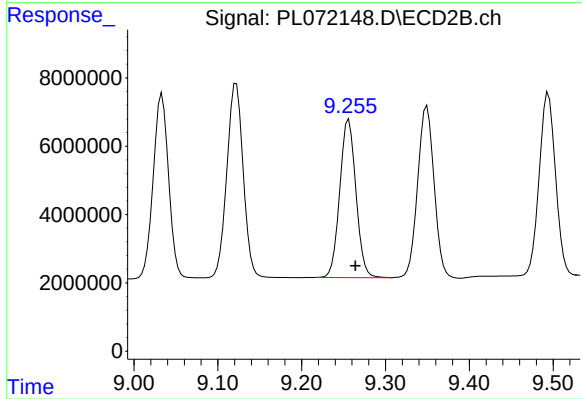
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.007 min
Response: 68989032
Conc: 43.65 ng/ml



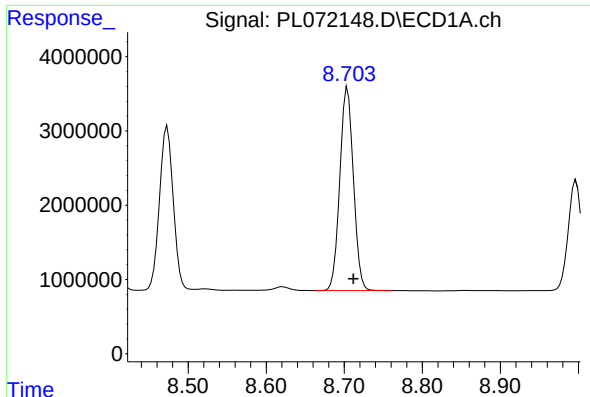
#18 Endrin aldehyde

R.T.: 8.473 min
Delta R.T.: -0.007 min
Response: 27072659
Conc: 47.52 ng/ml



#18 Endrin aldehyde

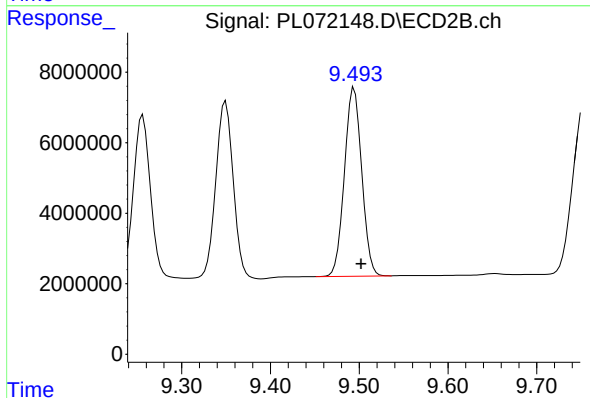
R.T.: 9.256 min
Delta R.T.: -0.008 min
Response: 62230232
Conc: 50.13 ng/ml



#19 Endosulfan Sulfate

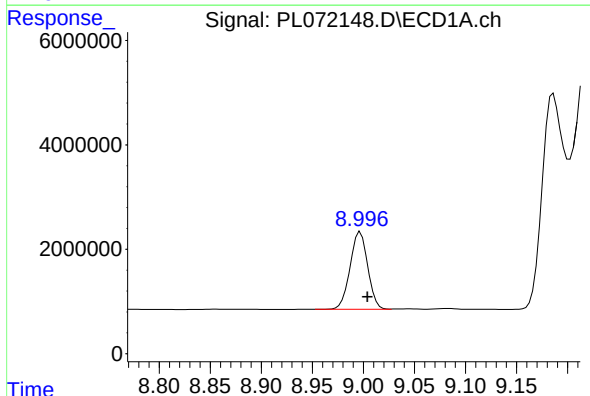
R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 33090280
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



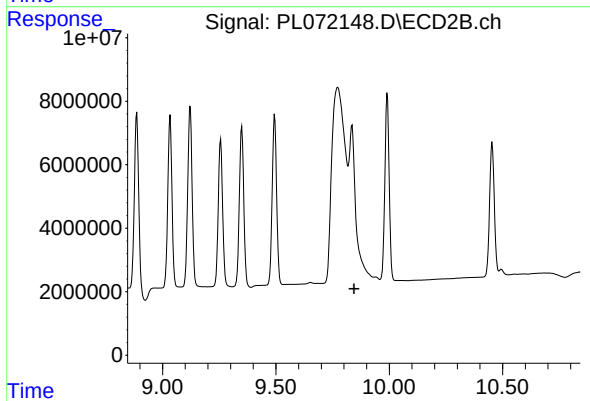
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.008 min
Response: 72382768
Conc: 46.36 ng/ml



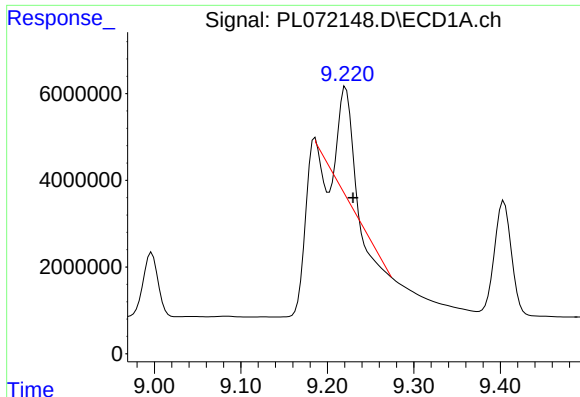
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: -0.007 min
Response: 17877419
Conc: 42.37 ng/ml



#20 Methoxychlor

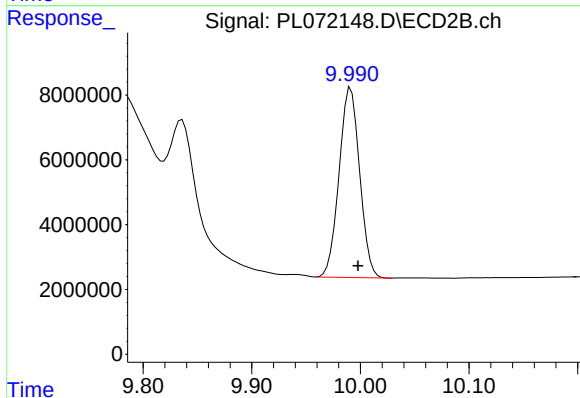
R.T.: 9.836 min
Delta R.T.: -0.010 min
Response: -29679351
Conc: N.D.



#21 Endrin ketone

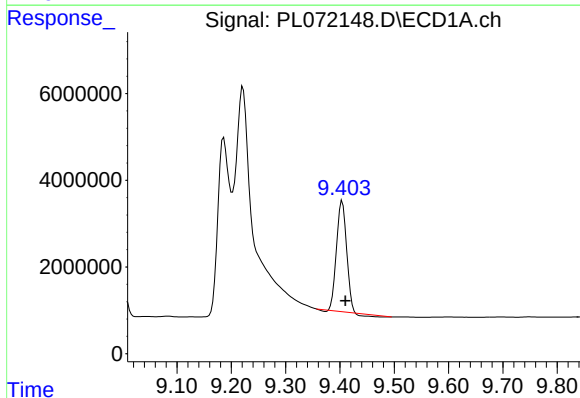
R.T.: 9.221 min
Delta R.T.: -0.008 min
Response: 12984987
Conc: 15.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



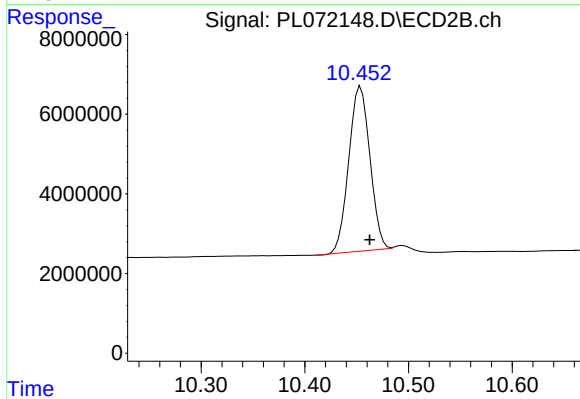
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.007 min
Response: 77197698
Conc: 46.65 ng/ml



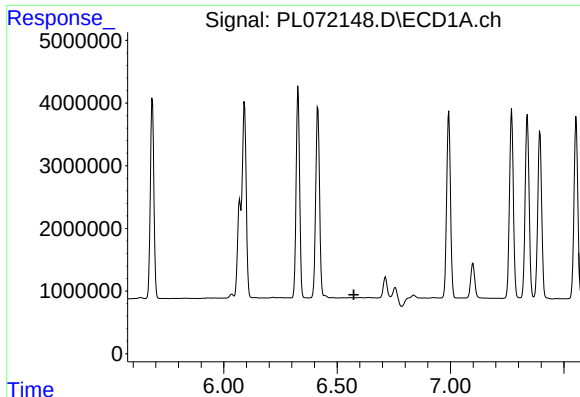
#22 Mirex

R.T.: 9.404 min
Delta R.T.: -0.006 min
Response: 32018529
Conc: 43.36 ng/ml



#22 Mirex

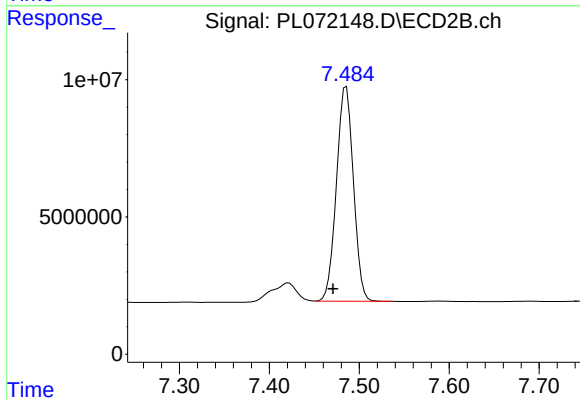
R.T.: 10.454 min
Delta R.T.: -0.009 min
Response: 58574628
Conc: 46.94 ng/ml



#24 Chlordane-2

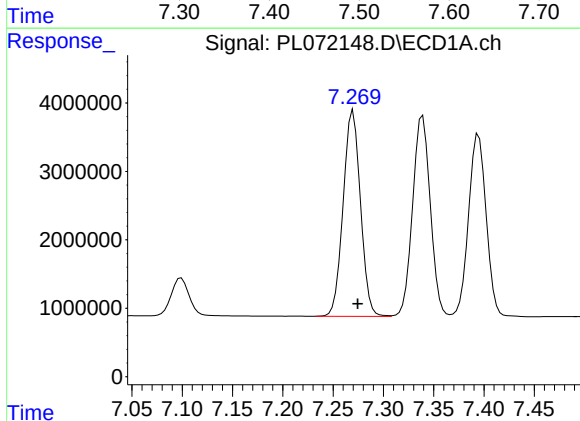
R.T.: 0.000 min
Exp R.T.: 6.574 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



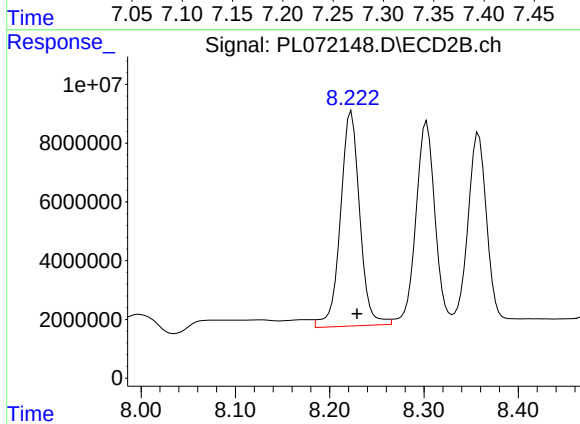
#24 Chlordane-2

R.T.: 7.486 min
Delta R.T.: 0.015 min
Response: 102626183
Conc: 1468.31 ng/ml



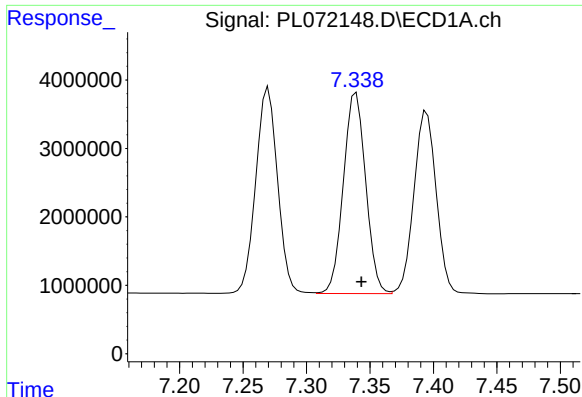
#25 Chlordane-3

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 35926022
Conc: 469.57 ng/ml



#25 Chlordane-3

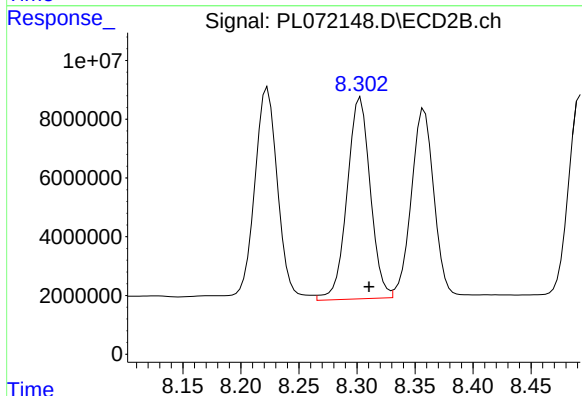
R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 104157326
Conc: 374.89 ng/ml



#26 Chlordane-4

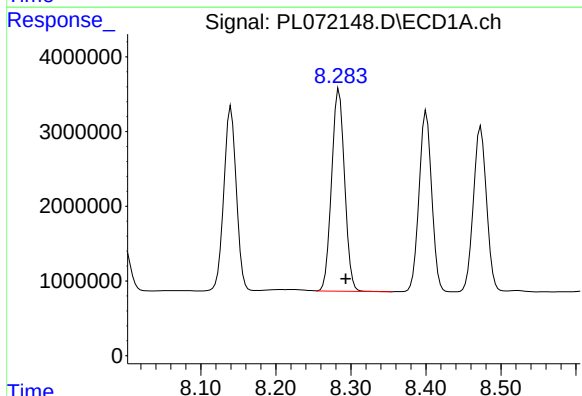
R.T.: 7.339 min
Delta R.T.: -0.004 min
Response: 35854262
Conc: 434.58 ng/ml

Instrument :
ECD_L
ClientSampleId :



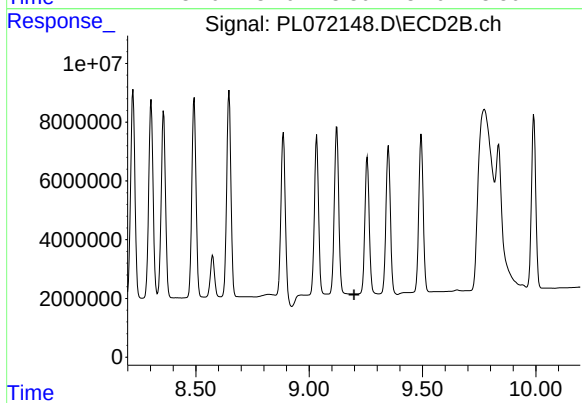
#26 Chlordane-4

R.T.: 8.303 min
Delta R.T.: -0.007 min
Response: 95333562
Conc: 287.09 ng/ml



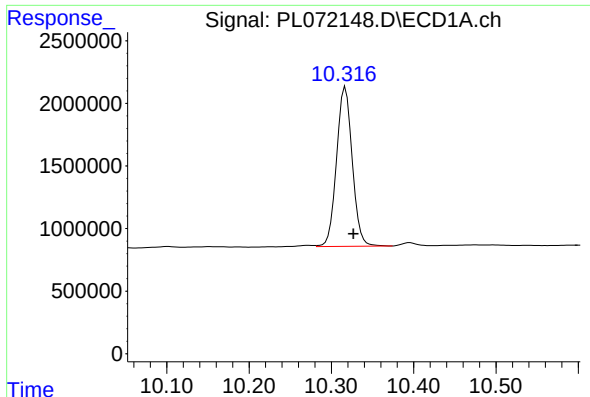
#27 Chlordane-5

R.T.: 8.284 min
Delta R.T.: -0.009 min
Response: 32565744
Conc: 1117.42 ng/ml



#27 Chlordane-5

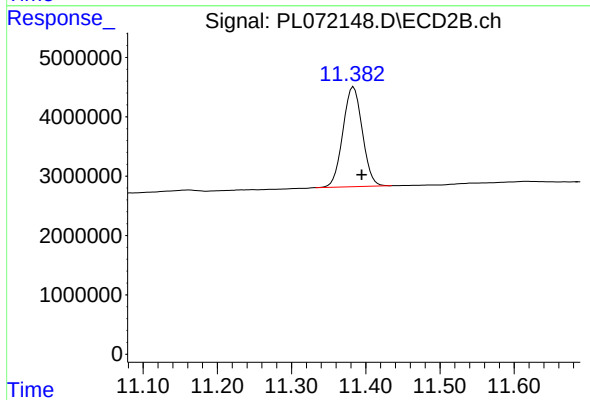
R.T.: 0.000 min
Exp R.T. : 9.198 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.317 min
Delta R.T.: -0.010 min
Response: 16891245
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.011 min
Response: 30589195
Conc: 18.96 ng/ml