

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
 Data File : PL090451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2024 13:20
 Operator : AR\AJ
 Sample : PB161964BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 00:56:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 2024
 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...	3.549	2.811f	57923359	41749009	25.522	26.394
28)	SA Decachlor...	9.062	7.954	40319983	37389791	26.144	25.065
Target Compounds							
2)	A alpha-BHC	4.004	3.315f	154.3E6	121.3E6	49.203	54.265
3)	MA gamma-BHC...	4.336	3.645f	151.8E6	120.1E6	50.488	56.191
4)	MA Heptachlor	4.926	3.986f	147.9E6	112.7E6	53.229	54.210
5)	MB Aldrin	5.268	4.266f	150.6E6	115.0E6	55.012	58.152
6)	B beta-BHC	4.532	3.943f	67896248	50941587	50.406	52.769
7)	B delta-BHC	4.779	4.173f	135.1E6	106.6E6	47.901	52.560
8)	B Heptachlo...	5.693	4.768f	132.1E6	101.8E6	51.805	55.438
9)	A Endosulfan I	6.078	5.139f	119.7E6	93266820	50.852	53.902
10)	B gamma-Chl...	5.949	5.019f	130.8E6	105.3E6	51.763	54.938
11)	B alpha-Chl...	6.028	5.083f	127.6E6	105.3E6	51.144	54.981
12)	B 4,4'-DDE	6.201	5.272f	112.2E6	93983223	51.399	56.734
13)	MA Dieldrin	6.354	5.403f	123.0E6	104.0E6	50.313	56.399
14)	MA Endrin	6.583	5.679f	107.1E6	91473998	50.509	55.319
15)	B Endosulfa...	6.801	5.973f	110.7E6	90477288	50.076	55.143
16)	A 4,4'-DDD	6.717	5.826f	96728218	77307622	52.797	56.403
17)	MA 4,4'-DDT	7.031	6.077f	100.2E6	84026091	52.221	56.770
18)	B Endrin al...	6.931	6.152f	87652297	71455225	51.914	56.110
19)	B Endosulfa...	7.165	6.374f	101.1E6	85840784	51.054	54.894
20)	A Methoxychlor	7.506	6.651f	55732654	47005410	54.081	56.343
21)	B Endrin ke...	7.650	6.880f	113.4E6	98348328	52.275	54.928
22)	Mirex	8.124	7.063f	84972550	78815225	48.871	51.610
23)	Chlordane-1	4.693	3.759f	432813	361953	4.406	5.945 #
24)	Chlordane-2	0.000	4.360	0	115126	N.D.	1.629 #
25)	Chlordane-3	5.949	5.019f	130.8E6	105.3E6	355.756	521.482 #
26)	Chlordane-4	6.028	5.083f	127.6E6	105.3E6	285.966	551.562 #
27)	Chlordane-5	0.000	5.748f	0	864882	N.D.	14.319 #

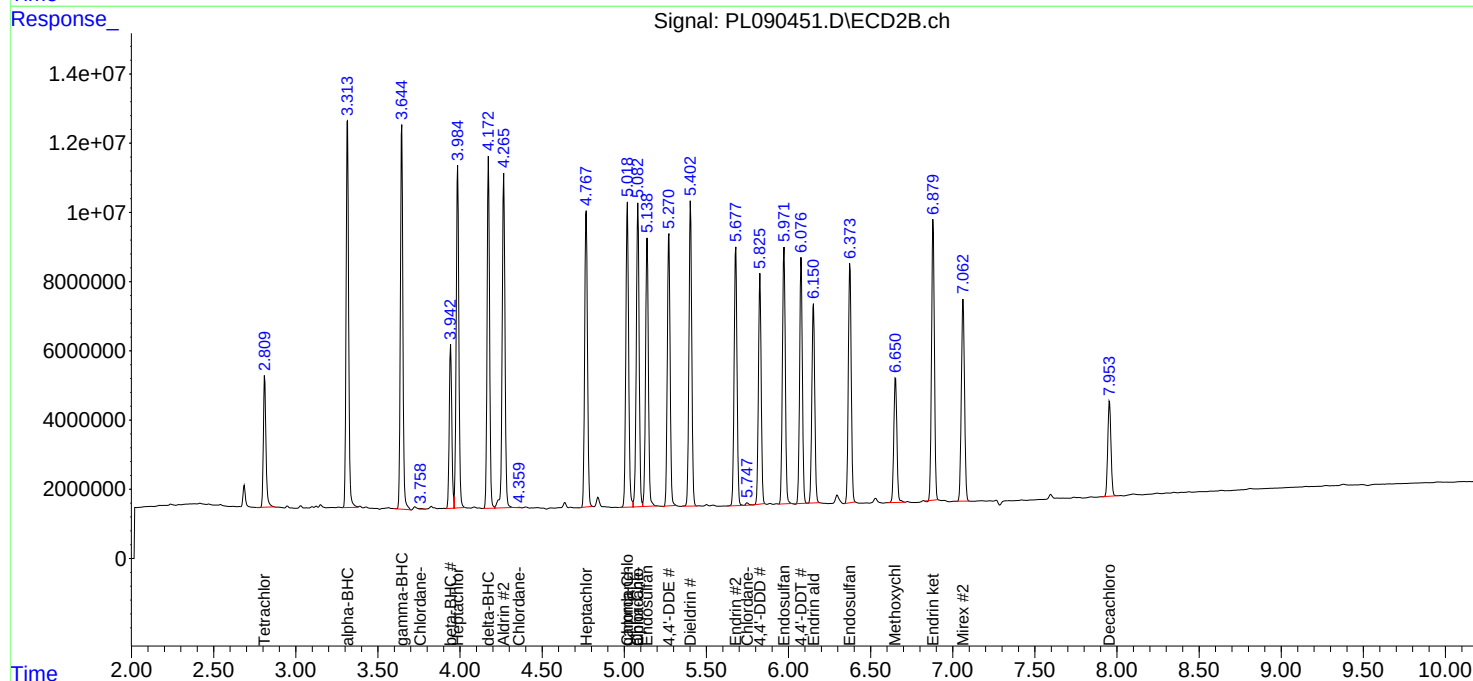
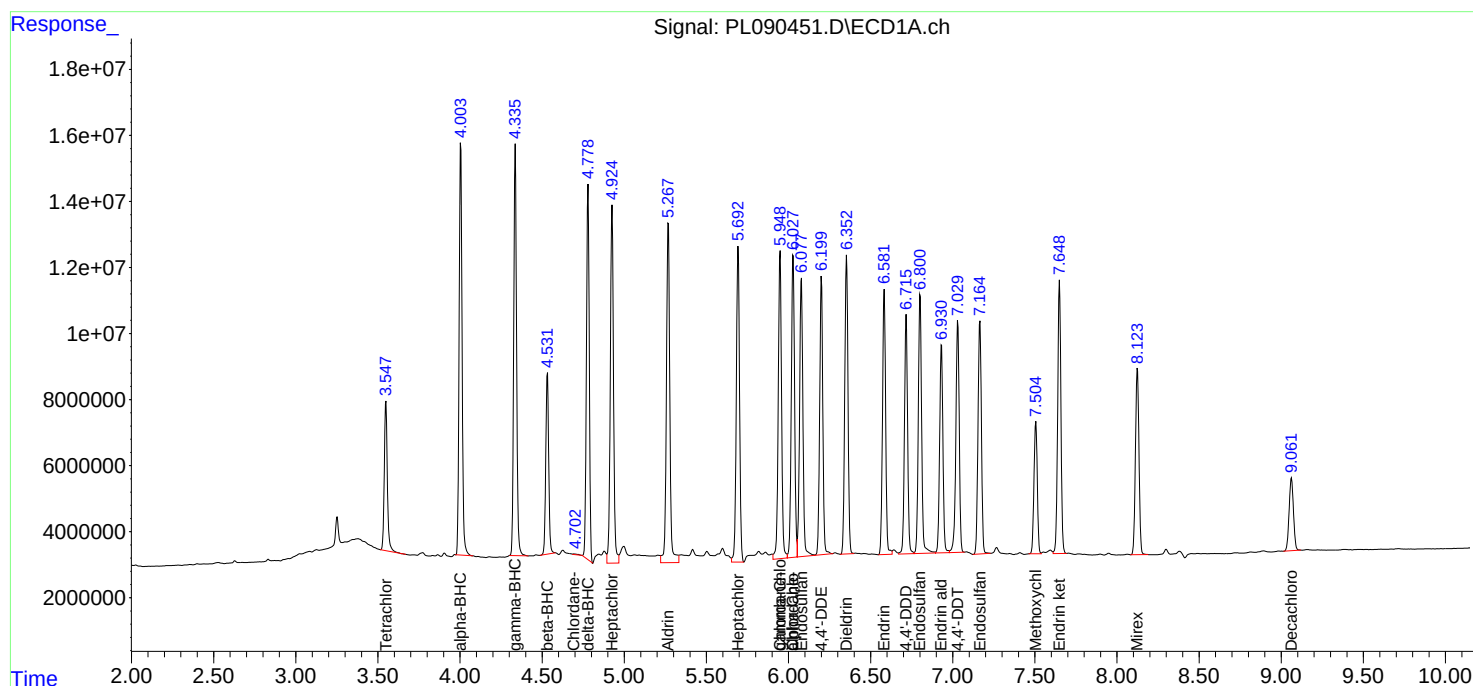
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

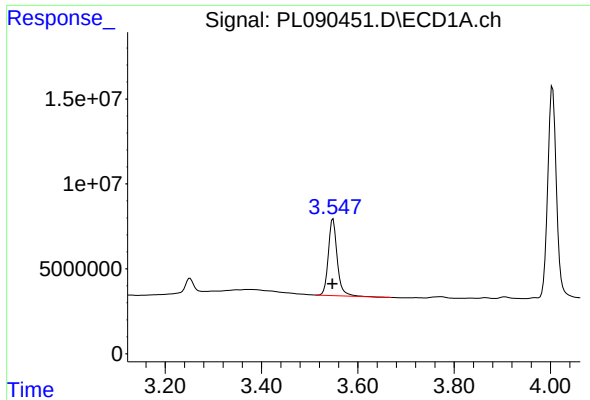
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

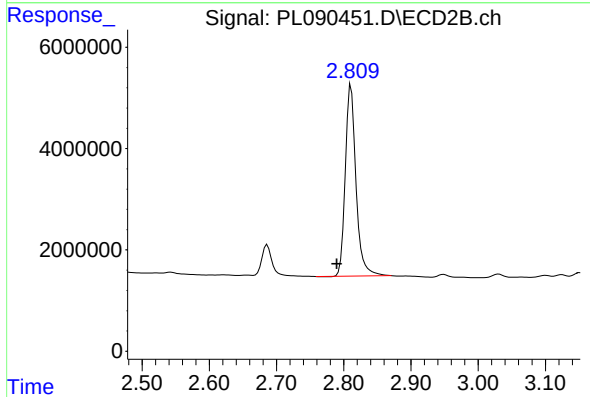




#1 Tetrachloro-m-xylene

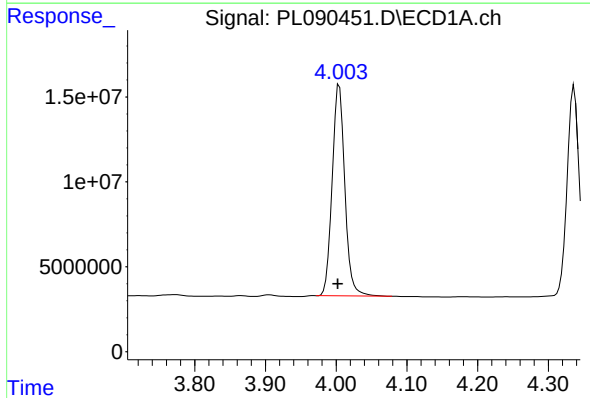
R.T.: 3.549 min
Delta R.T.: 0.002 min
Response: 57923359
Conc: 25.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



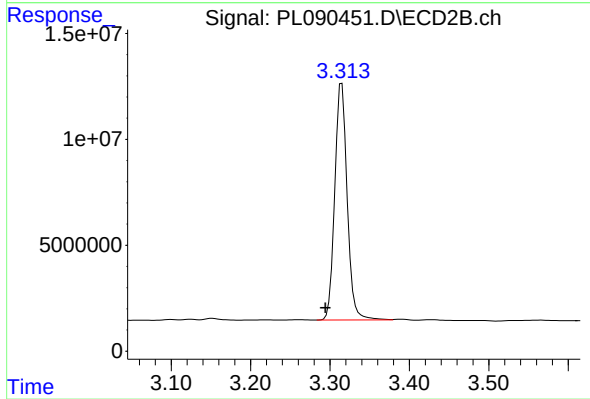
#1 Tetrachloro-m-xylene

R.T.: 2.811 min
Delta R.T.: 0.021 min
Response: 41749009
Conc: 26.39 ng/ml



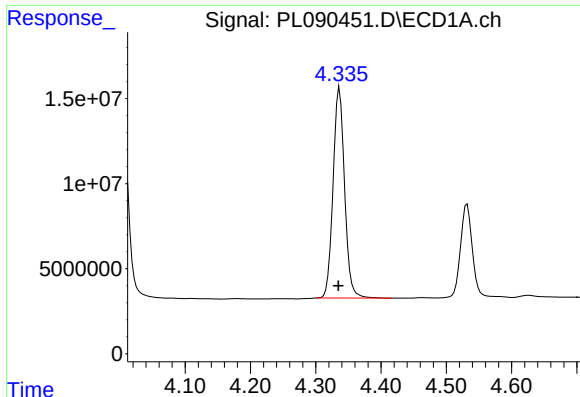
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 154324287
Conc: 49.20 ng/ml



#2 alpha-BHC

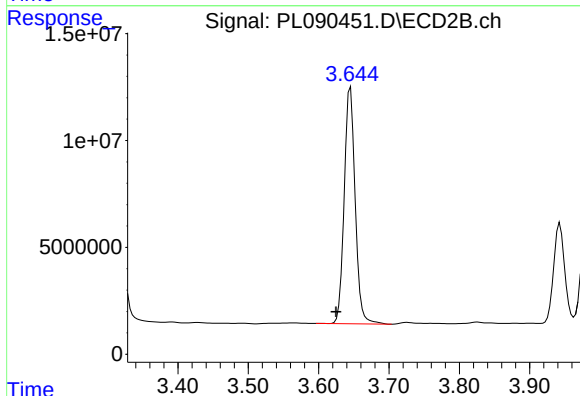
R.T.: 3.315 min
Delta R.T.: 0.021 min
Response: 121310513
Conc: 54.27 ng/ml



#3 gamma-BHC (Lindane)

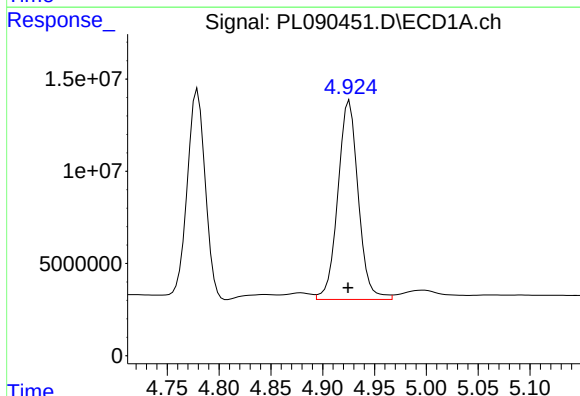
R.T.: 4.336 min
Delta R.T.: 0.002 min
Response: 151766597
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



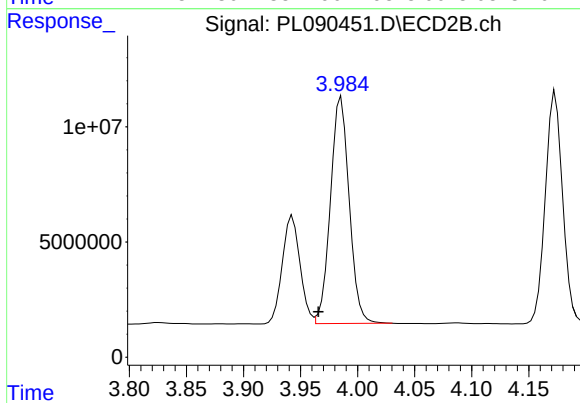
#3 gamma-BHC (Lindane)

R.T.: 3.645 min
Delta R.T.: 0.020 min
Response: 120134500
Conc: 56.19 ng/ml



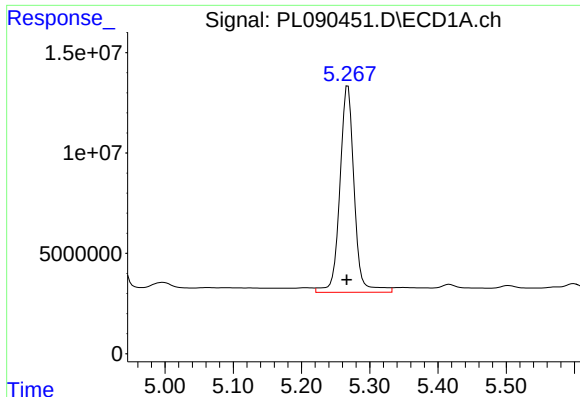
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: 0.001 min
Response: 147927844
Conc: 53.23 ng/ml



#4 Heptachlor

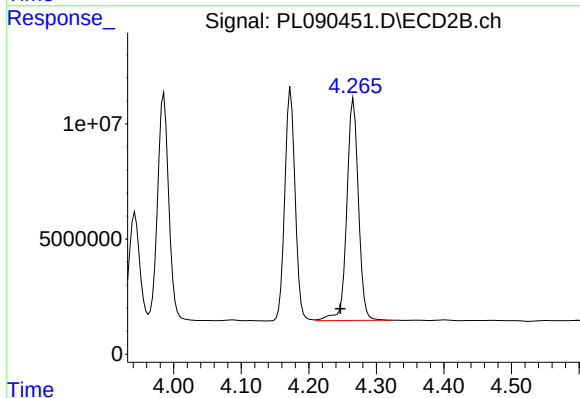
R.T.: 3.986 min
Delta R.T.: 0.020 min
Response: 112694639
Conc: 54.21 ng/ml



#5 Aldrin

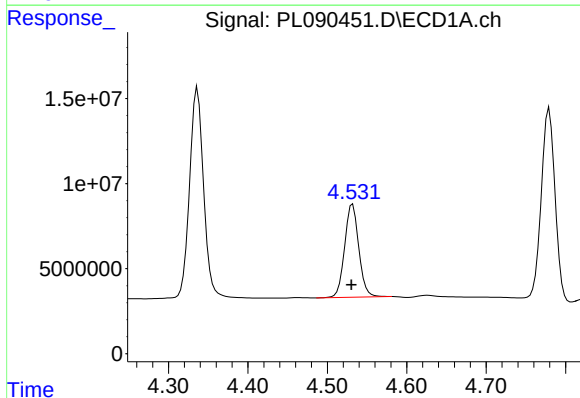
R.T.: 5.268 min
Delta R.T.: 0.002 min
Response: 150595897
Conc: 55.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



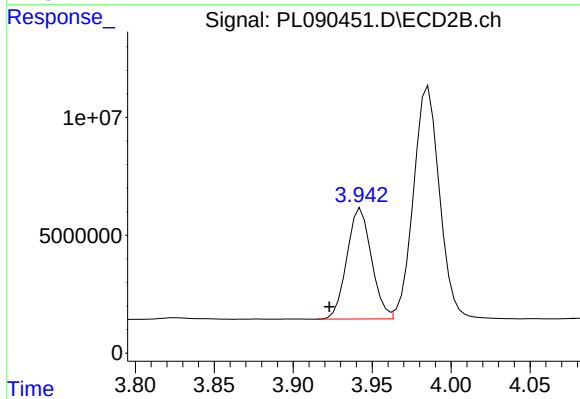
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.020 min
Response: 115047420
Conc: 58.15 ng/ml



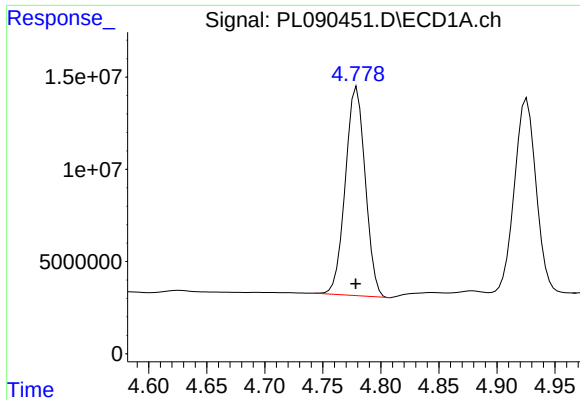
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 67896248
Conc: 50.41 ng/ml



#6 beta-BHC

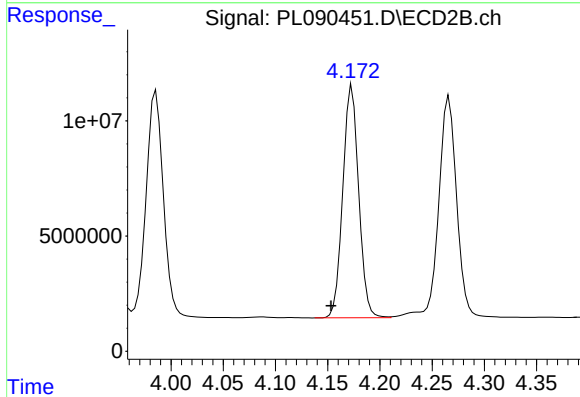
R.T.: 3.943 min
Delta R.T.: 0.020 min
Response: 50941587
Conc: 52.77 ng/ml



#7 delta-BHC

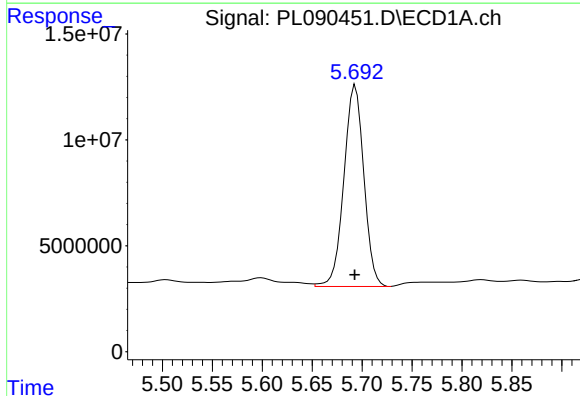
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 135101307
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



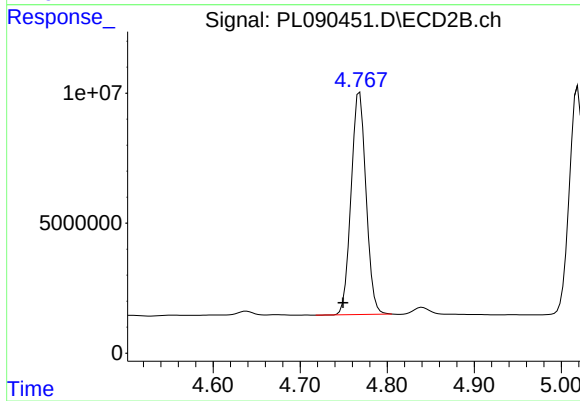
#7 delta-BHC

R.T.: 4.173 min
Delta R.T.: 0.020 min
Response: 106631869
Conc: 52.56 ng/ml



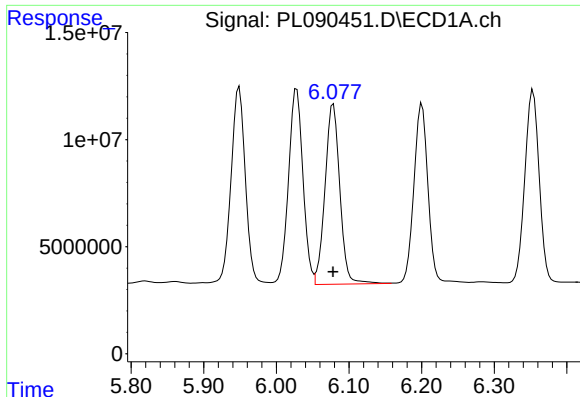
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 132109484
Conc: 51.80 ng/ml



#8 Heptachlor epoxide

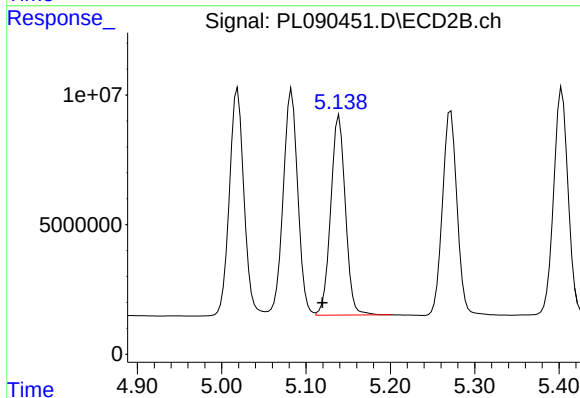
R.T.: 4.768 min
Delta R.T.: 0.019 min
Response: 101848188
Conc: 55.44 ng/ml



#9 Endosulfan I

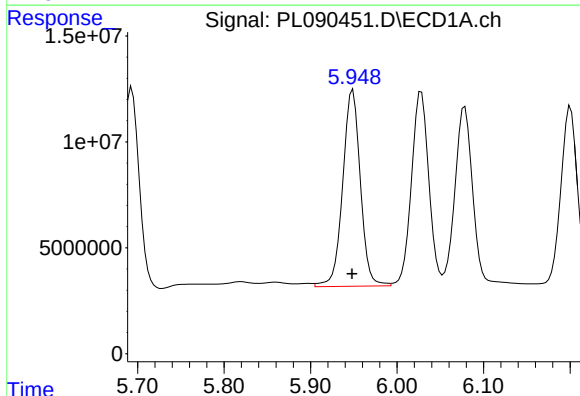
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 119749095
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



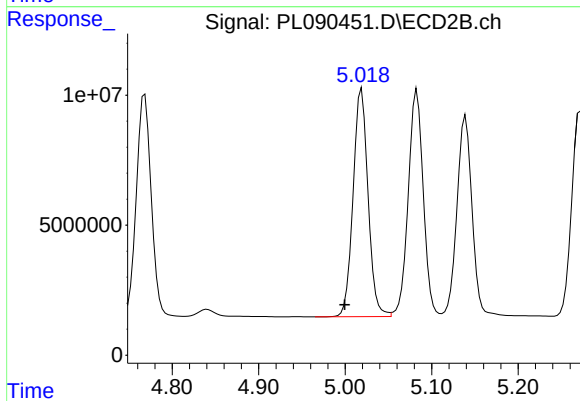
#9 Endosulfan I

R.T.: 5.139 min
Delta R.T.: 0.020 min
Response: 93266820
Conc: 53.90 ng/ml



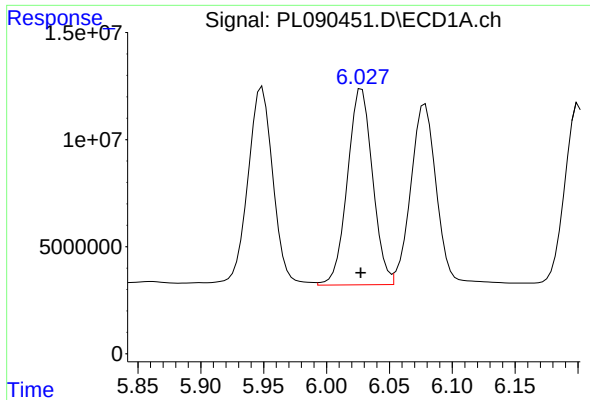
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 130796833
Conc: 51.76 ng/ml



#10 gamma-Chlordane

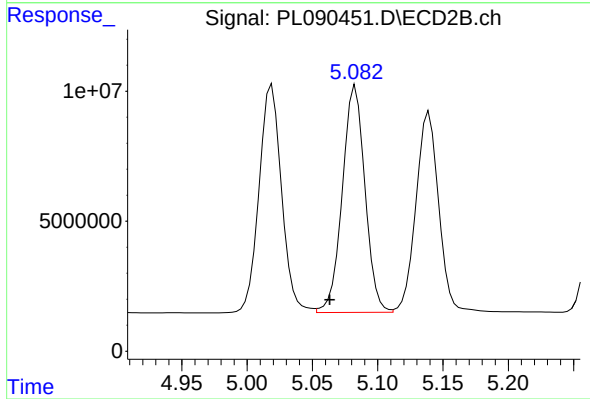
R.T.: 5.019 min
Delta R.T.: 0.019 min
Response: 105292601
Conc: 54.94 ng/ml



#11 alpha-Chlordane

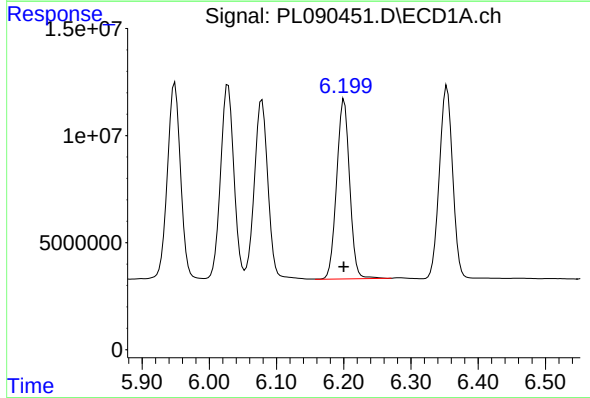
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 127571882
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



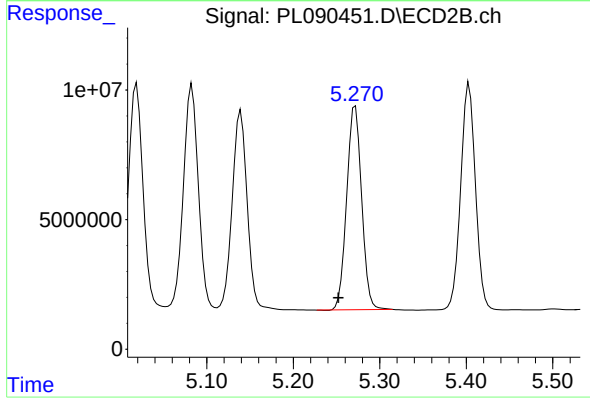
#11 alpha-Chlordane

R.T.: 5.083 min
Delta R.T.: 0.020 min
Response: 105304254
Conc: 54.98 ng/ml



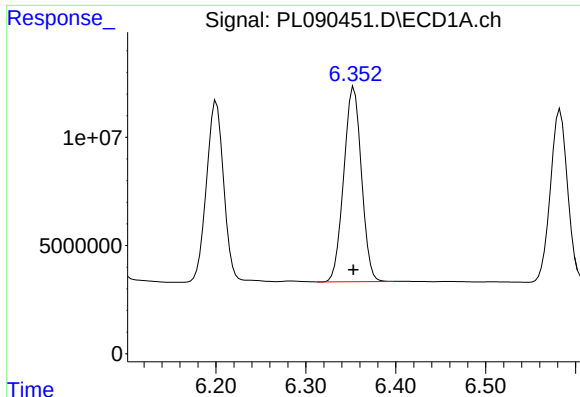
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 112201967
Conc: 51.40 ng/ml



#12 4,4'-DDE

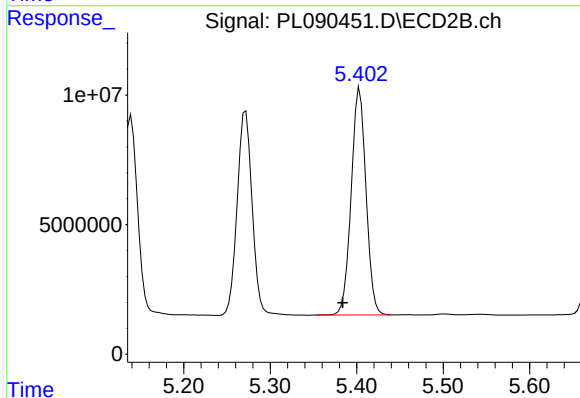
R.T.: 5.272 min
Delta R.T.: 0.019 min
Response: 93983223
Conc: 56.73 ng/ml



#13 Dieldrin

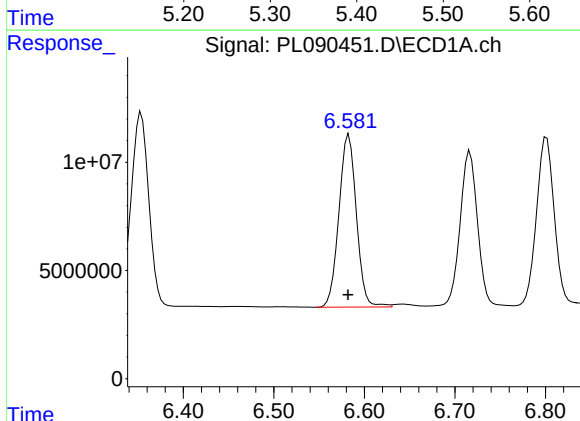
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 123009620
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :



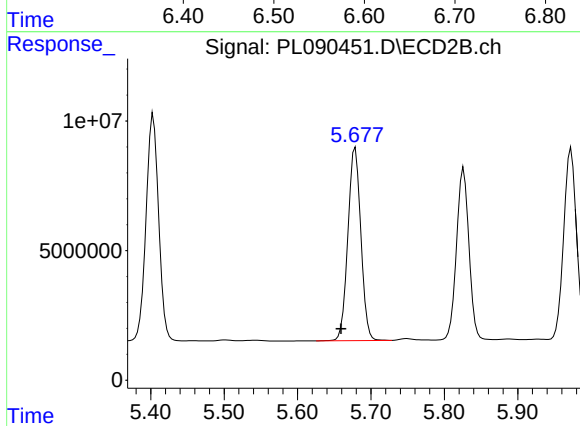
#13 Dieldrin

R.T.: 5.403 min
Delta R.T.: 0.019 min
Response: 104024644
Conc: 56.40 ng/ml



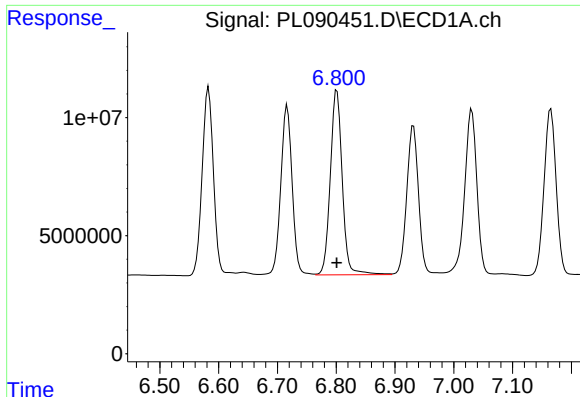
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 107092890
Conc: 50.51 ng/ml



#14 Endrin

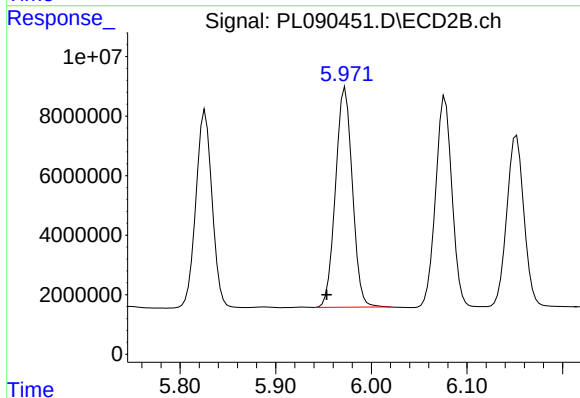
R.T.: 5.679 min
Delta R.T.: 0.019 min
Response: 91473998
Conc: 55.32 ng/ml



#15 Endosulfan II

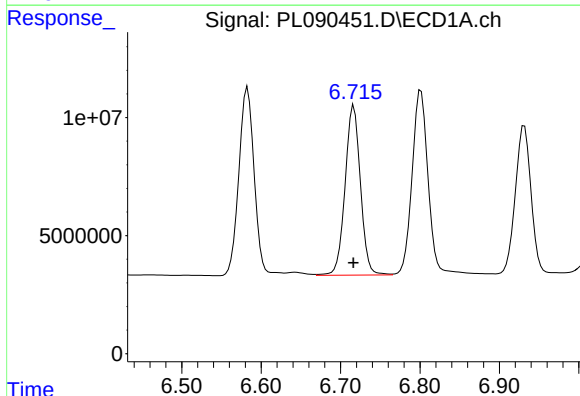
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 110723951
Conc: 50.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



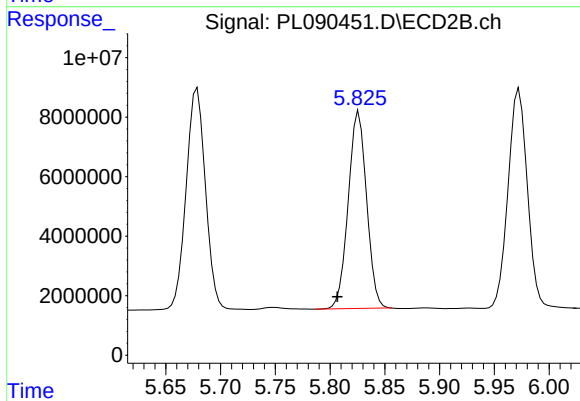
#15 Endosulfan II

R.T.: 5.973 min
Delta R.T.: 0.019 min
Response: 90477288
Conc: 55.14 ng/ml



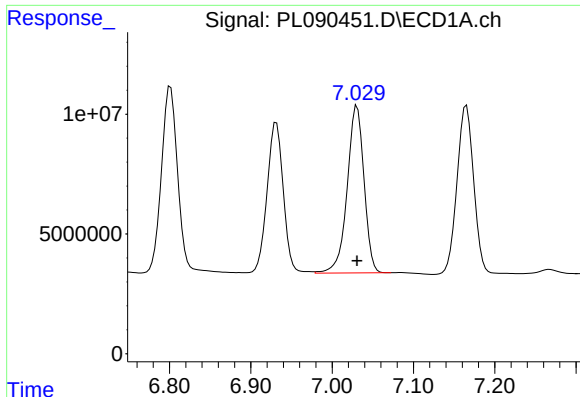
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 96728218
Conc: 52.80 ng/ml



#16 4,4'-DDD

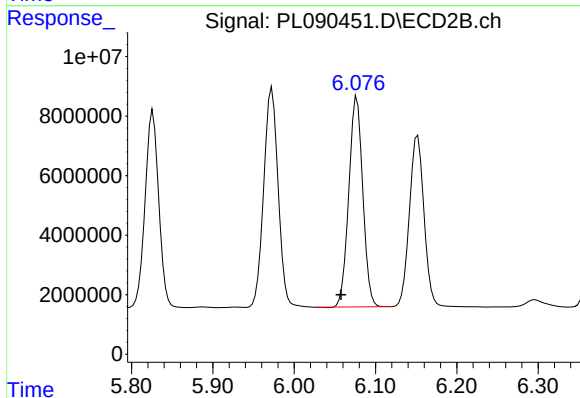
R.T.: 5.826 min
Delta R.T.: 0.019 min
Response: 77307622
Conc: 56.40 ng/ml



#17 4,4'-DDT

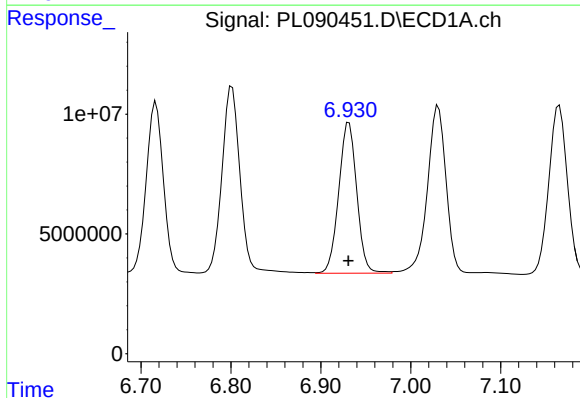
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 100209400
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



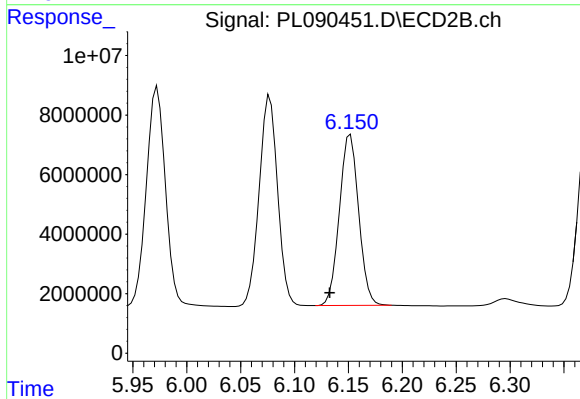
#17 4,4'-DDT

R.T.: 6.077 min
Delta R.T.: 0.020 min
Response: 84026091
Conc: 56.77 ng/ml



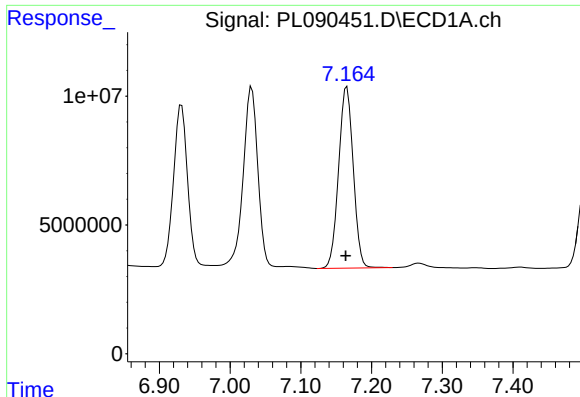
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 87652297
Conc: 51.91 ng/ml



#18 Endrin aldehyde

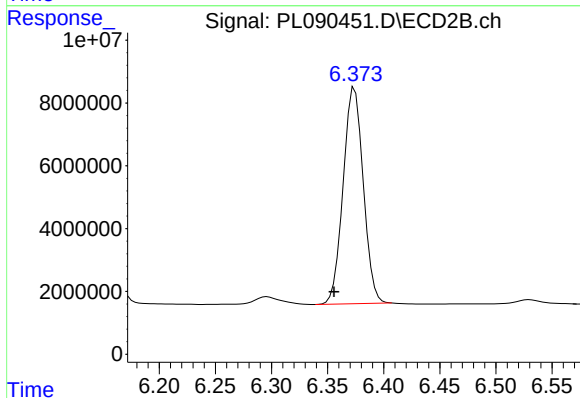
R.T.: 6.152 min
Delta R.T.: 0.019 min
Response: 71455225
Conc: 56.11 ng/ml



#19 Endosulfan Sulfate

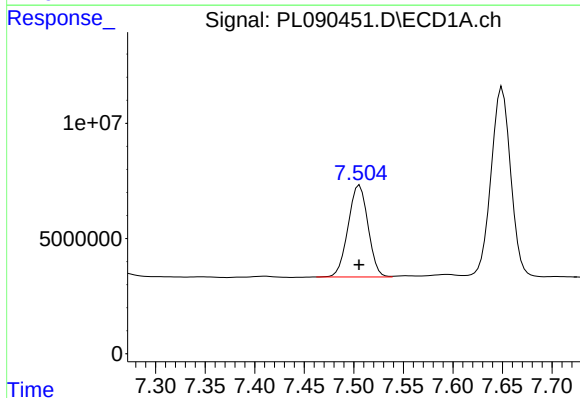
R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 101122516
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



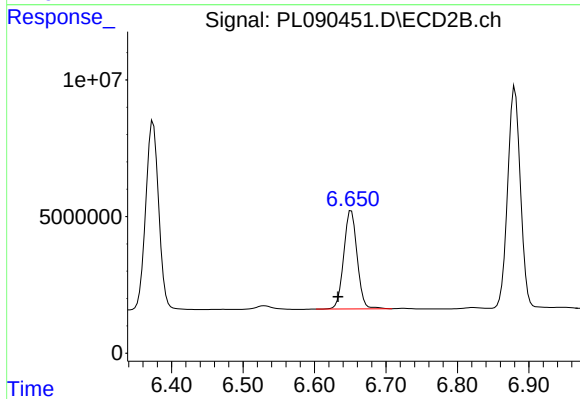
#19 Endosulfan Sulfate

R.T.: 6.374 min
Delta R.T.: 0.018 min
Response: 85840784
Conc: 54.89 ng/ml



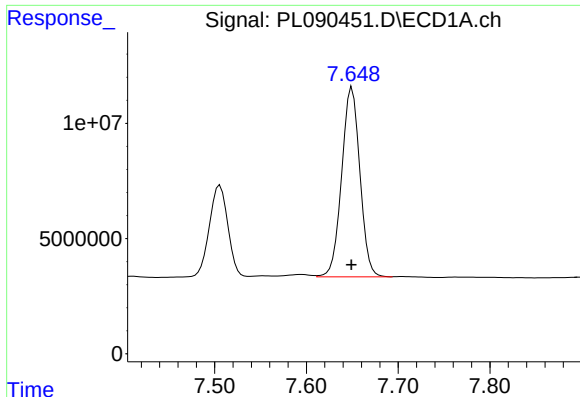
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 55732654
Conc: 54.08 ng/ml



#20 Methoxychlor

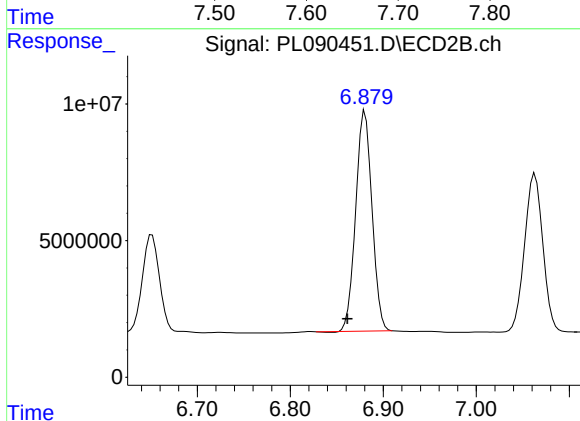
R.T.: 6.651 min
Delta R.T.: 0.018 min
Response: 47005410
Conc: 56.34 ng/ml



#21 Endrin ketone

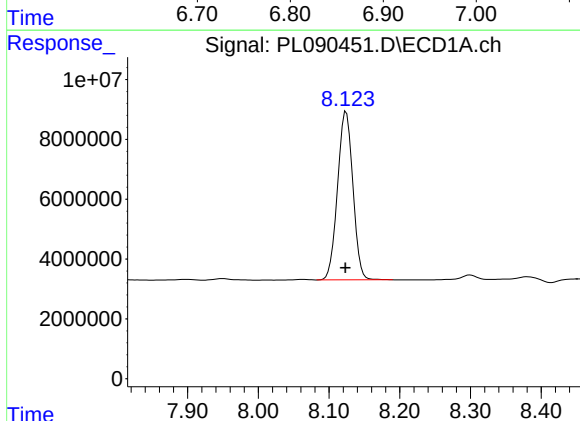
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 113389522
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



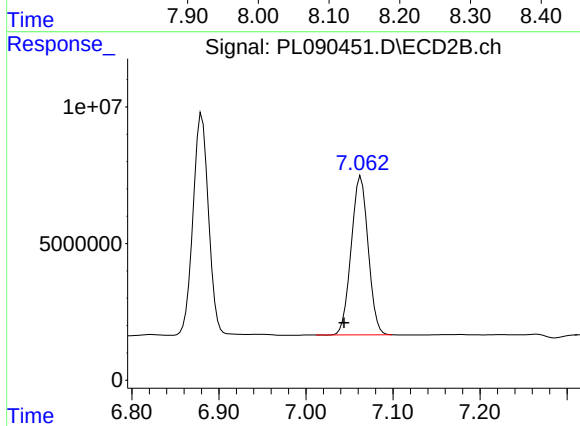
#21 Endrin ketone

R.T.: 6.880 min
Delta R.T.: 0.019 min
Response: 98348328
Conc: 54.93 ng/ml



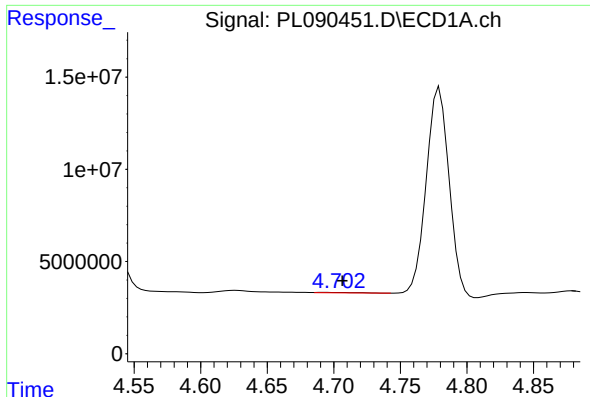
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 84972550
Conc: 48.87 ng/ml



#22 Mirex

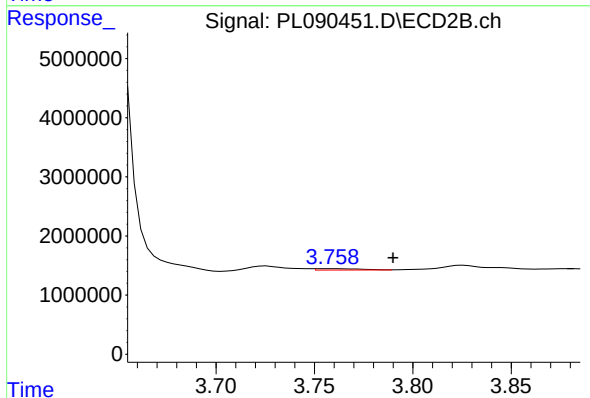
R.T.: 7.063 min
Delta R.T.: 0.019 min
Response: 78815225
Conc: 51.61 ng/ml



#23 Chlordane-1

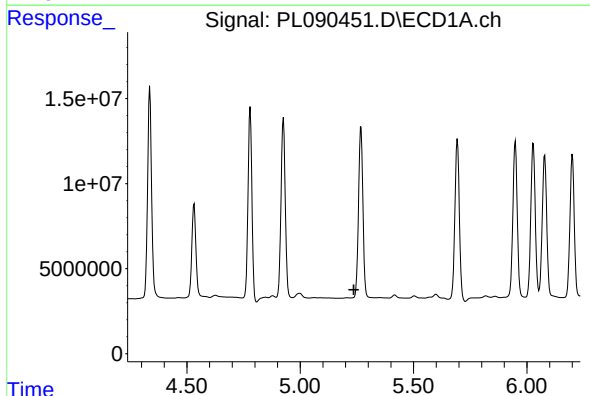
R.T.: 4.693 min
Delta R.T.: -0.014 min
Response: 432813
Conc: 4.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



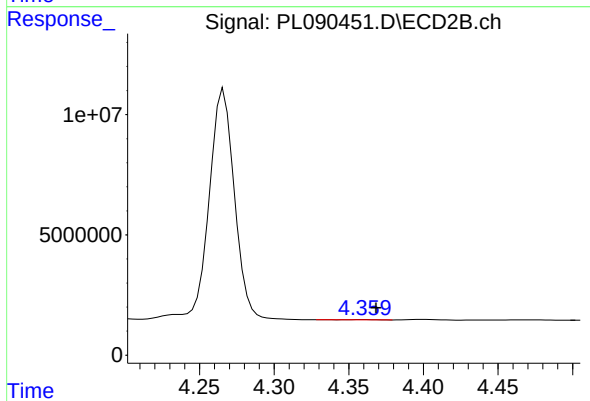
#23 Chlordane-1

R.T.: 3.759 min
Delta R.T.: -0.031 min
Response: 361953
Conc: 5.94 ng/ml



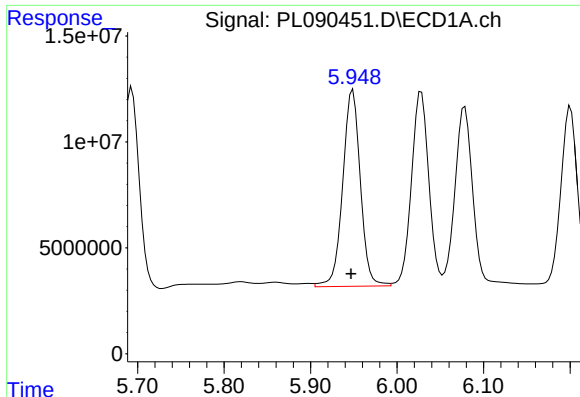
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

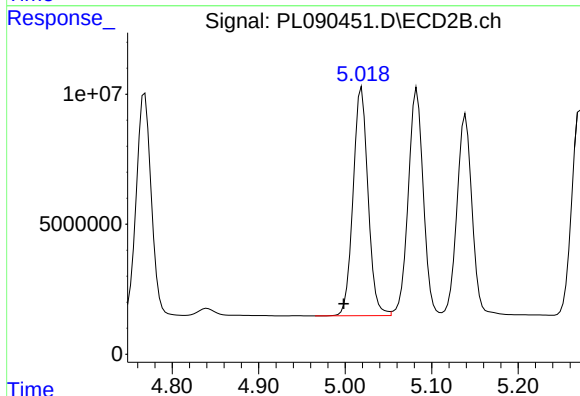
R.T.: 4.360 min
Delta R.T.: -0.008 min
Response: 115126
Conc: 1.63 ng/ml



#25 Chlordane-3

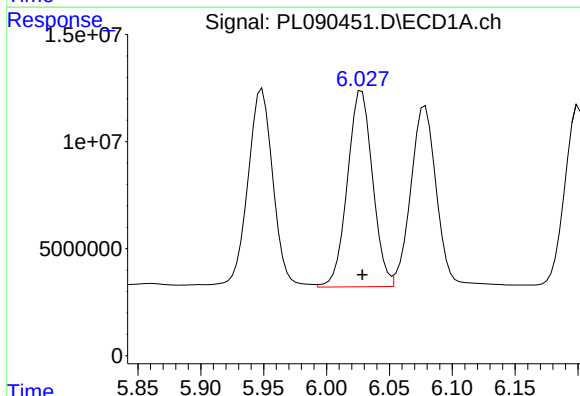
R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 130796833
Conc: 355.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



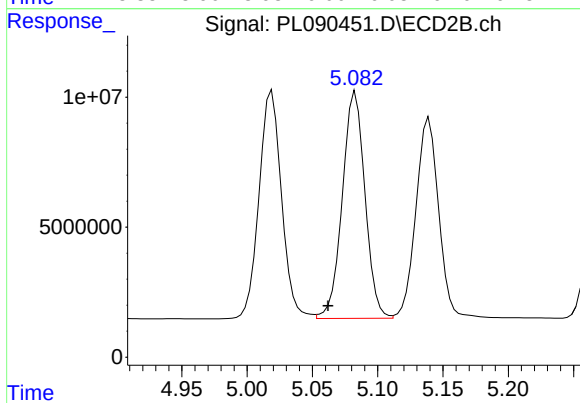
#25 Chlordane-3

R.T.: 5.019 min
Delta R.T.: 0.020 min
Response: 105292601
Conc: 521.48 ng/ml



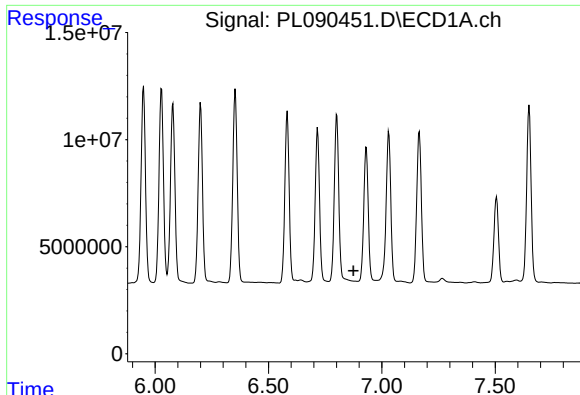
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 127571882
Conc: 285.97 ng/ml



#26 Chlordane-4

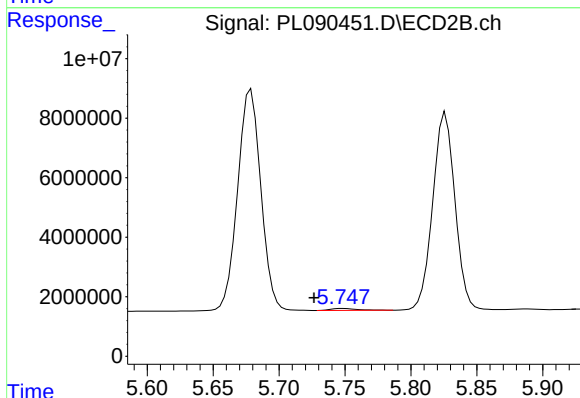
R.T.: 5.083 min
Delta R.T.: 0.021 min
Response: 105304254
Conc: 551.56 ng/ml



#27 Chlordane-5

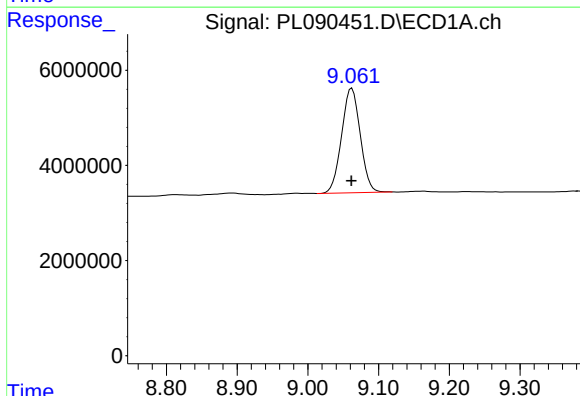
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



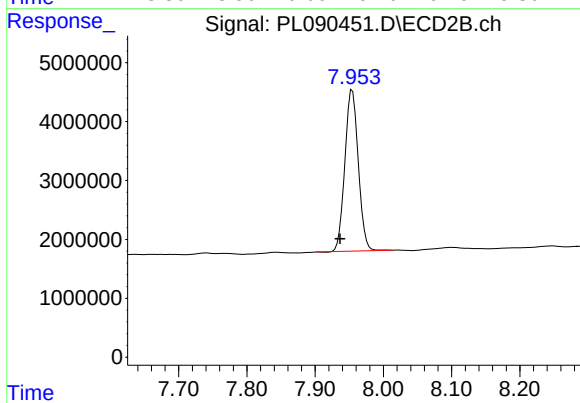
#27 Chlordane-5

R.T.: 5.748 min
Delta R.T.: 0.022 min
Response: 864882
Conc: 14.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 40319983
Conc: 26.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: 0.018 min
Response: 37389791
Conc: 25.07 ng/ml