

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
 Data File : PD059844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2020 11:42
 Operator : DD\AJ
 Sample : PSTDCCC050
 Misc : PEST LOQ 5 PPB
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 07:34:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 20 07:13:18 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.507	4.024	73669037	123.7E6	49.614	50.415
2)	SA Decachlor...	8.306	9.108	82264511	101.1E6	53.207	55.844
Target Compounds							
2)	A alpha-BHC	3.949	4.414	122.2E6	195.0E6	50.550	50.895
3)	MA gamma-BHC...	4.235	4.700	114.9E6	179.5E6	50.445	51.154
4)	MA Heptachlor	4.543	5.211	119.7E6	175.2E6	50.455	51.391
5)	MB Aldrin	4.794	5.518	113.5E6	164.1E6	50.875	52.222
6)	B beta-BHC	4.485	4.868	46332229	73021028	49.284	49.859
7)	B delta-BHC	4.693	5.086	112.1E6	167.3E6	50.730	58.583
8)	B Heptachlo...	5.241	5.905	104.5E6	151.7E6	50.947	55.274
9)	A Endosulfan I	5.583	6.262	97623868	138.2E6	51.542	51.768
10)	B gamma-Chl...	5.471	6.139	106.5E6	150.3E6	51.651	51.419
11)	B alpha-Chl...	5.530	6.212	105.3E6	150.4E6	51.467	51.749
12)	B 4,4'-DDE	5.694	6.367	103.8E6	143.5E6	51.216	52.310
13)	MA Dieldrin	5.829	6.521	106.1E6	149.0E6	51.630	51.903
14)	MA Endrin	6.089	6.738	93181419	126.6E6	50.700	51.159
15)	B Endosulfa...	6.363	6.946	91039156	129.5E6	48.157	49.900
16)	A 4,4'-DDD	6.213	6.857	85983468	120.9E6	51.472	52.224
17)	MA 4,4'-DDT	6.457	7.157	92306740	122.2E6	51.436	51.581
18)	B Endrin al...	6.532	7.070	73647855	106.0E6	50.693	51.297
19)	B Endosulfa...	6.746	7.293	82588716	118.9E6	51.087	51.671
20)	A Methoxychlor	7.006	7.614	49096648	64724032	51.829	50.847
21)	B Endrin ke...	7.241	7.765	100.3E6	131.4E6	53.483	52.879
22)	Mirex	7.436	8.222	72855286	87815562	50.855	53.733
23)	Chlordane-1	4.412f	0.000	3636539	0	59.159	N.D. #
24)	Chlordane-2	0.000	5.518f	0	164.1E6	N.D.	1664.914 #
25)	Chlordane-3	5.471	6.139	106.5E6	150.3E6	565.079	398.340 #
26)	Chlordane-4	5.530	6.212	105.3E6	150.4E6	689.790	336.714 #
27)	Chlordane-5	6.363	0.000	91039156	0	1258.043	N.D. #

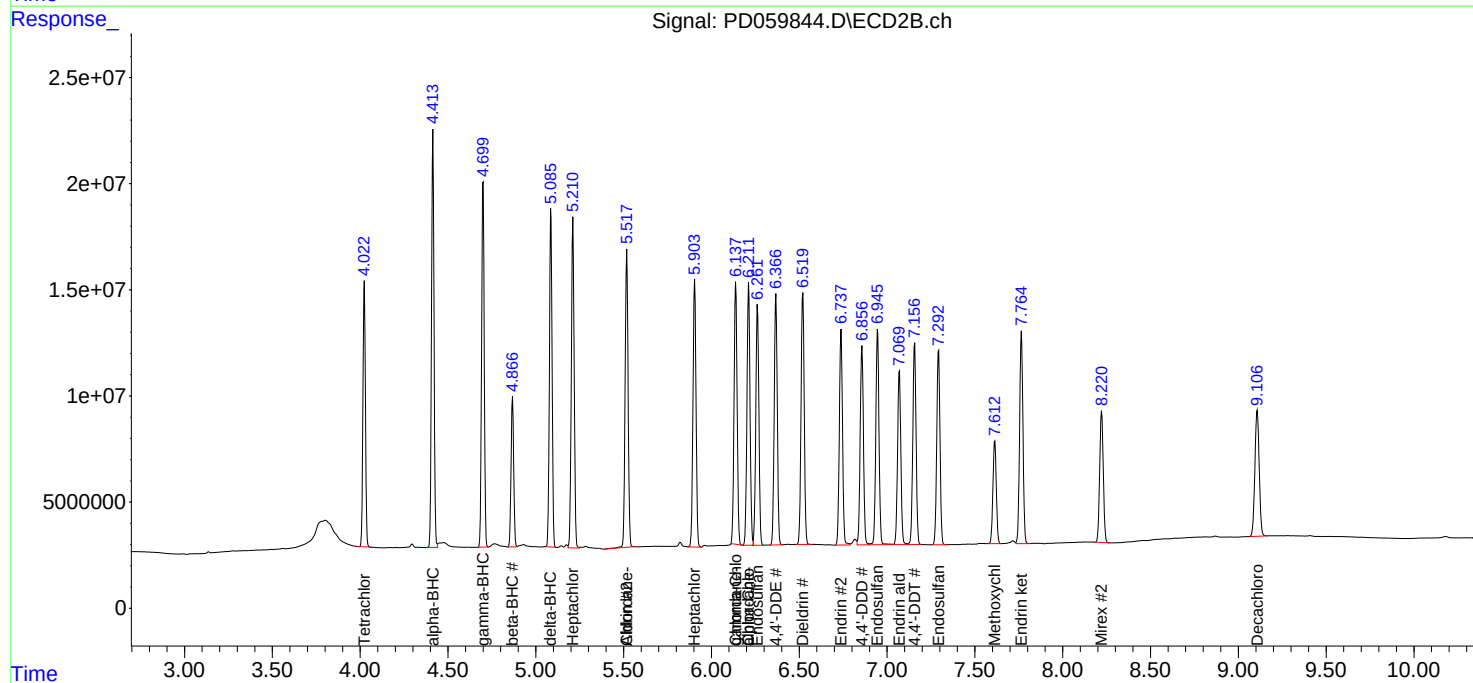
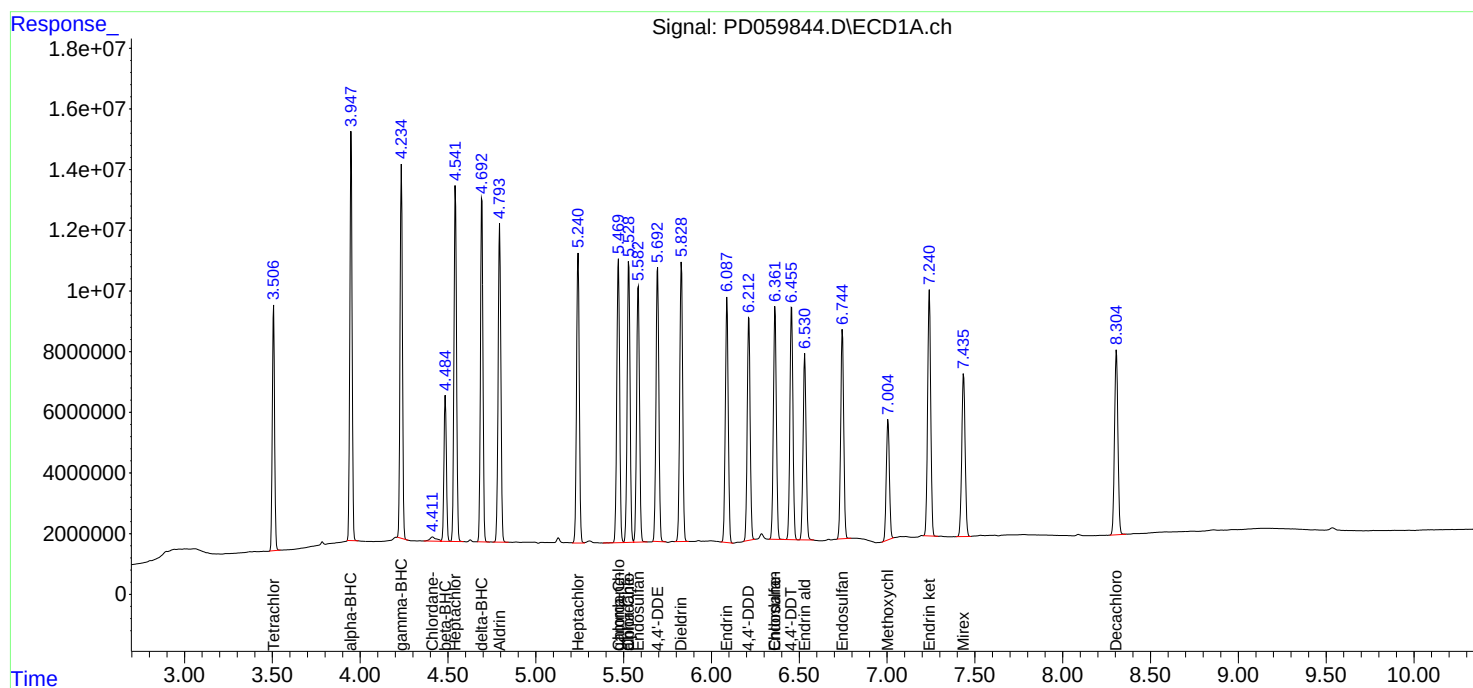
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

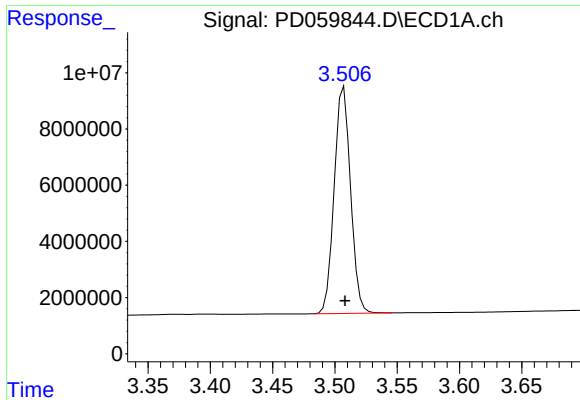
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102020\
Data File : PD059844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2020 11:42
Operator : DD\AJ
Sample : PSTDCCC050
Misc : PEST LOQ 5 PPB
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 07:34:59 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101920.M
Quant Title : GC Extractables
QLast Update : Tue Oct 20 07:13:18 2020
Response via : Initial Calibration
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Volume Inj. : 2 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 x 0.50µm

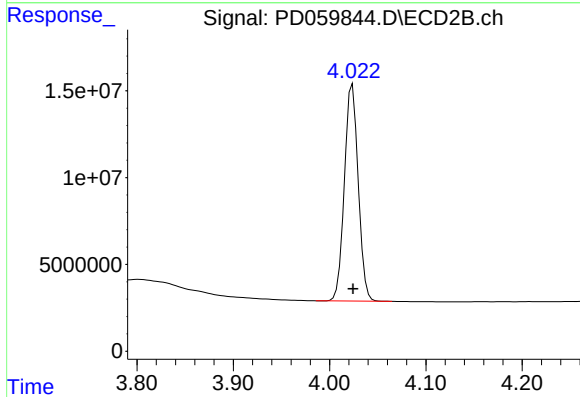




#1 Tetrachloro-m-xylene

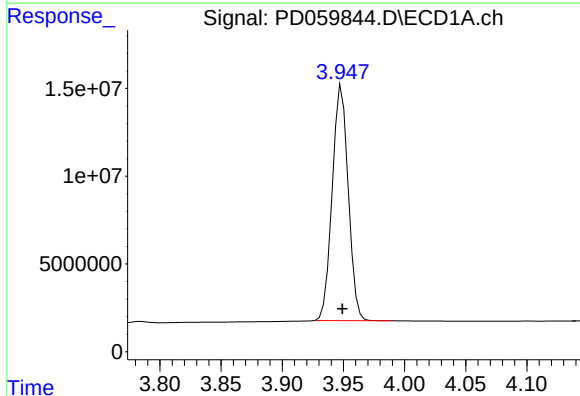
R.T.: 3.507 min
Delta R.T.: 0.000 min
Response: 73669037
Conc: 49.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



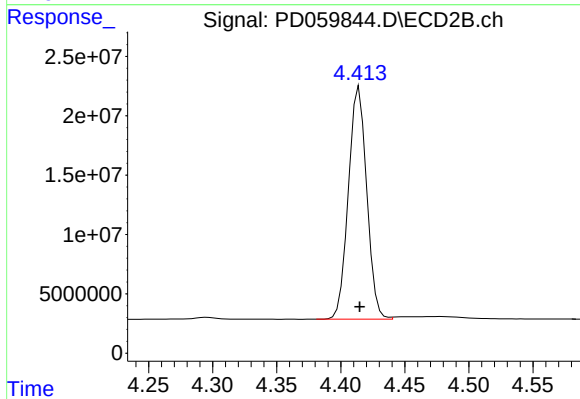
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 123740748
Conc: 50.41 ng/ml



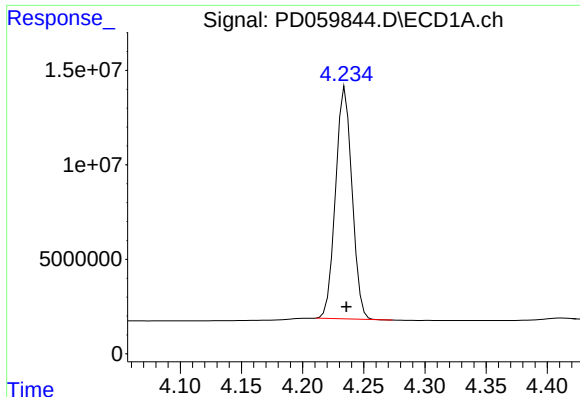
#2 alpha-BHC

R.T.: 3.949 min
Delta R.T.: 0.000 min
Response: 122186224
Conc: 50.55 ng/ml



#2 alpha-BHC

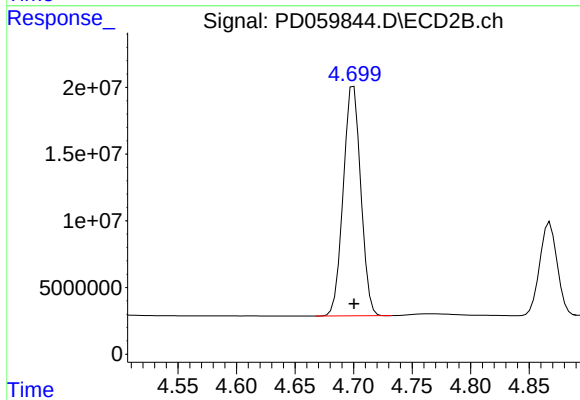
R.T.: 4.414 min
Delta R.T.: 0.000 min
Response: 194984454
Conc: 50.90 ng/ml



#3 gamma-BHC (Lindane)

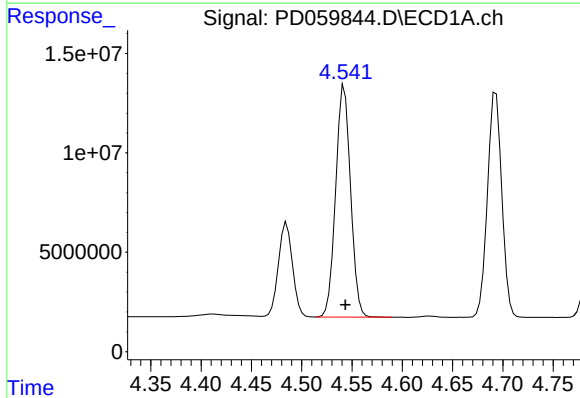
R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 114908571
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



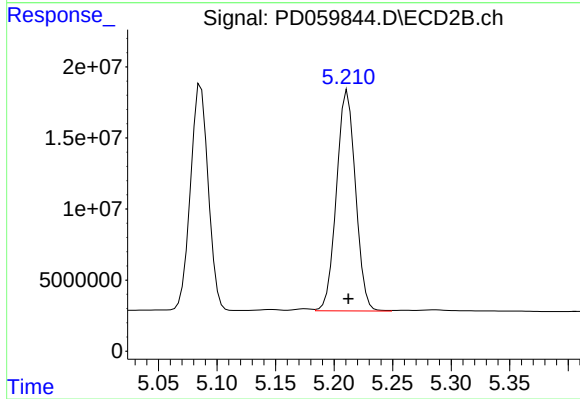
#3 gamma-BHC (Lindane)

R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 179484745
Conc: 51.15 ng/ml



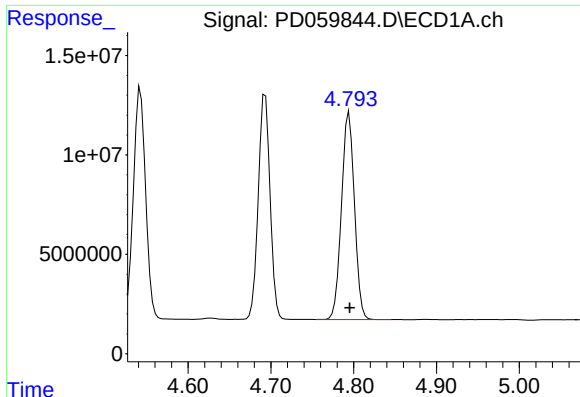
#4 Heptachlor

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 119721370
Conc: 50.46 ng/ml



#4 Heptachlor

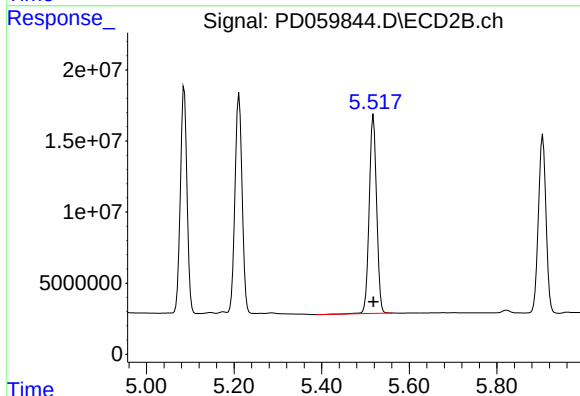
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 175229719
Conc: 51.39 ng/ml



#5 Aldrin

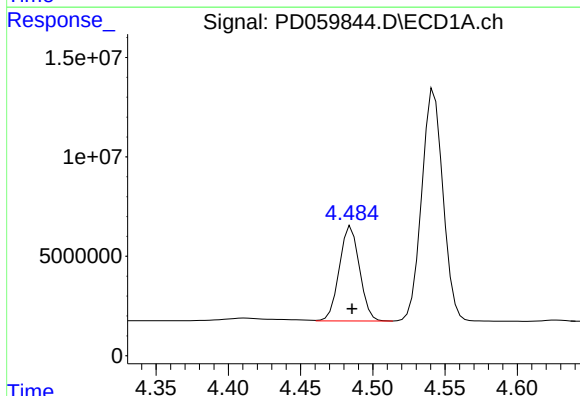
R.T.: 4.794 min
Delta R.T.: 0.000 min
Response: 113511492
Conc: 50.87 ng/ml

Instrument :
ECD_D
ClientSampleId :



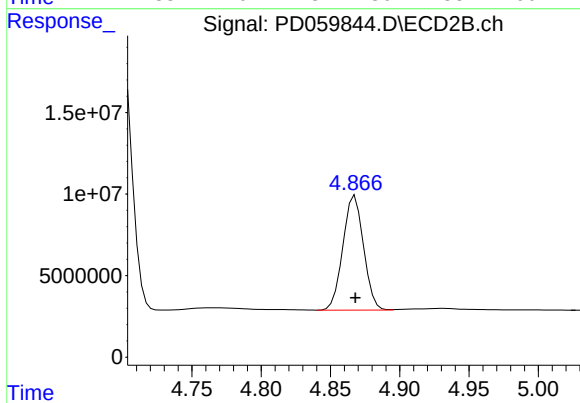
#5 Aldrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 164070506
Conc: 52.22 ng/ml



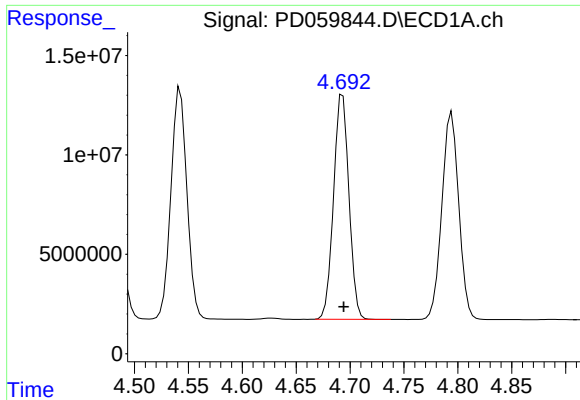
#6 beta-BHC

R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 46332229
Conc: 49.28 ng/ml



#6 beta-BHC

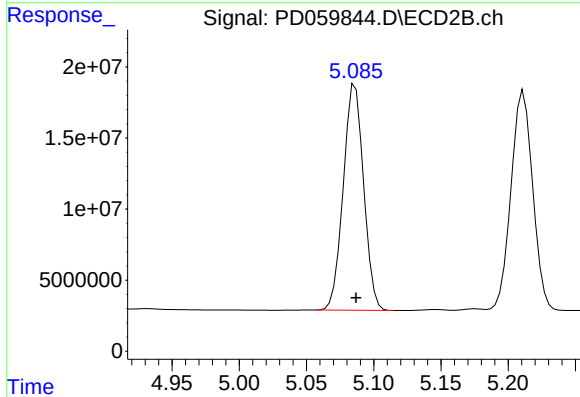
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 73021028
Conc: 49.86 ng/ml



#7 delta-BHC

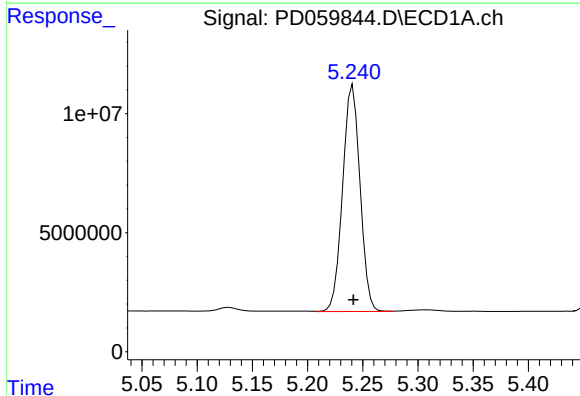
R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 112078768
Conc: 50.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



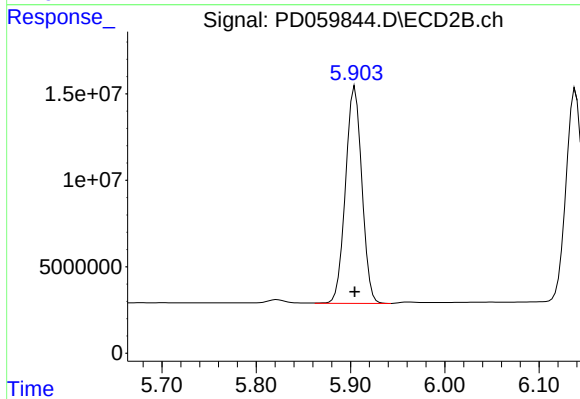
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 167287988
Conc: 58.58 ng/ml



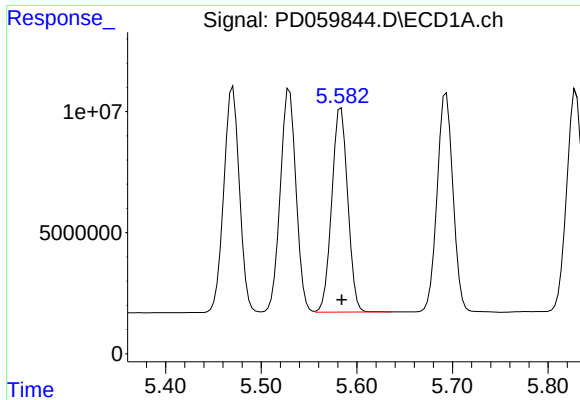
#8 Heptachlor epoxide

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 104514806
Conc: 50.95 ng/ml



#8 Heptachlor epoxide

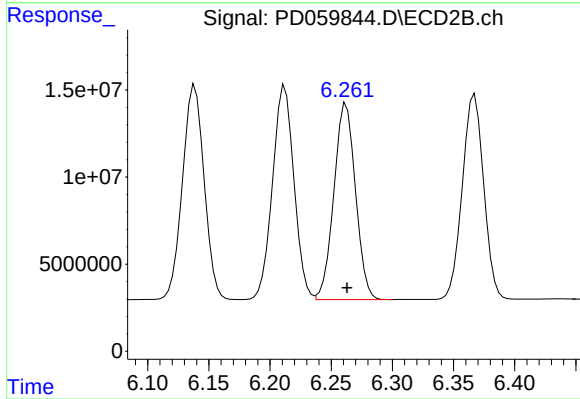
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 151723881
Conc: 55.27 ng/ml



#9 Endosulfan I

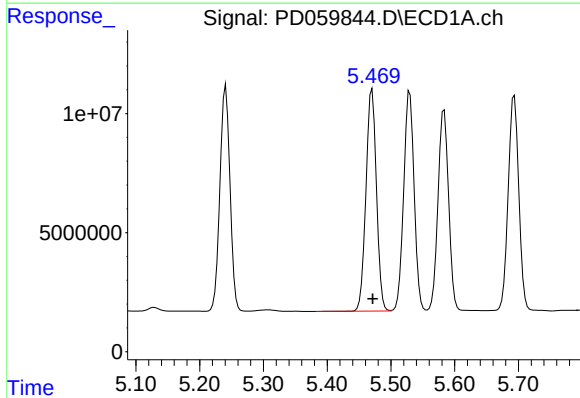
R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 97623868
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



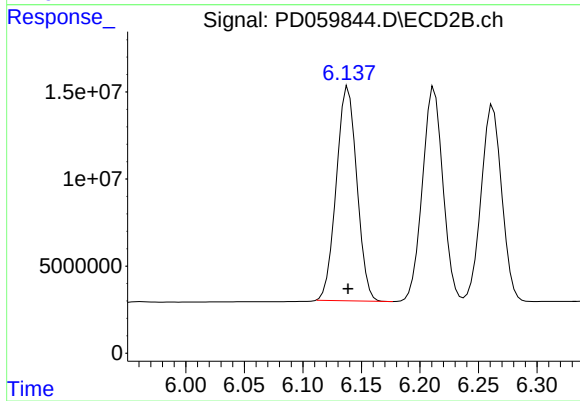
#9 Endosulfan I

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 138200578
Conc: 51.77 ng/ml



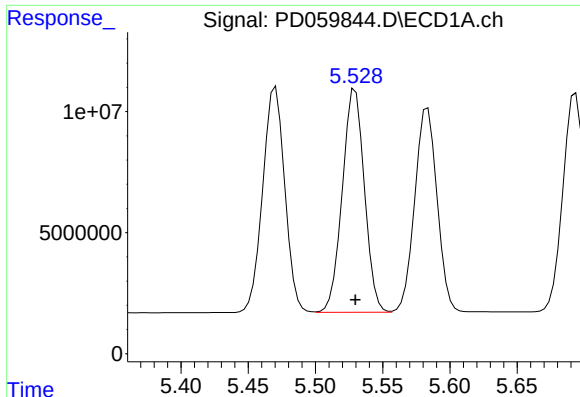
#10 gamma-Chlordane

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 106544991
Conc: 51.65 ng/ml



#10 gamma-Chlordane

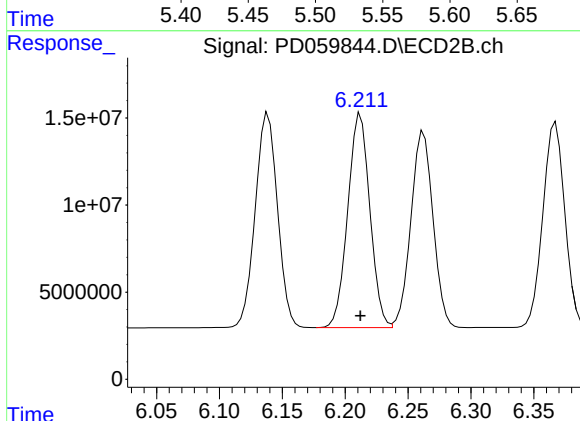
R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 150293362
Conc: 51.42 ng/ml



#11 alpha-Chlordane

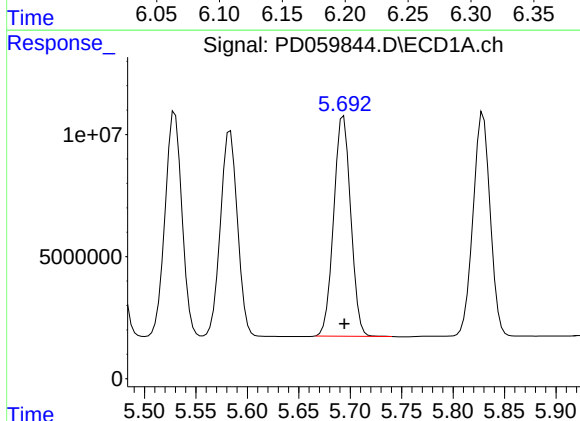
R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 105343425
Conc: 51.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



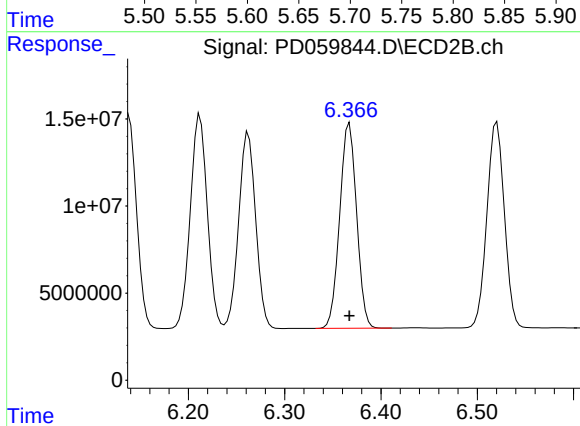
#11 alpha-Chlordane

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 150418286
Conc: 51.75 ng/ml



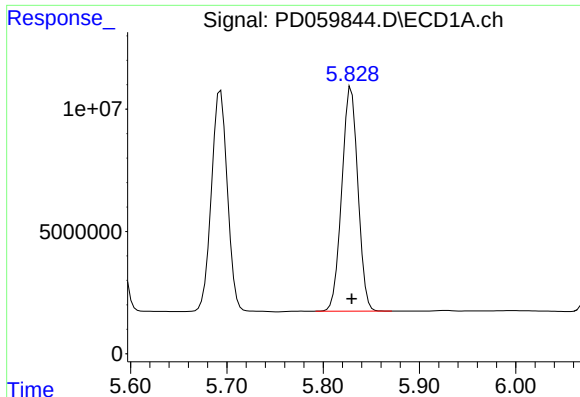
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 103793320
Conc: 51.22 ng/ml



#12 4,4'-DDE

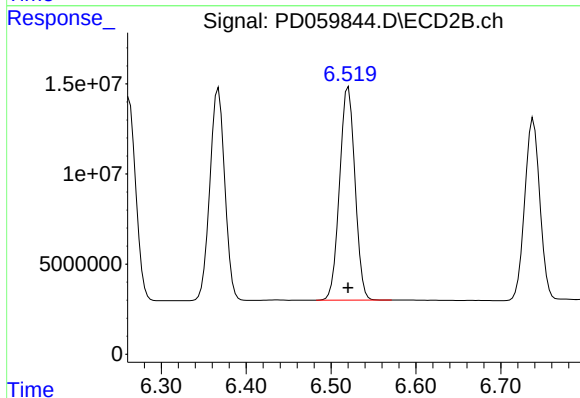
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 143463558
Conc: 52.31 ng/ml



#13 Dieldrin

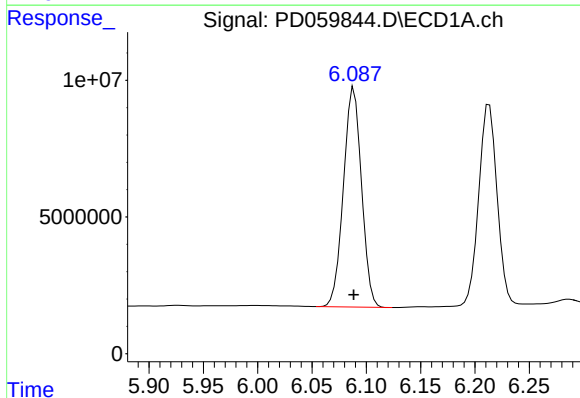
R.T.: 5.829 min
Delta R.T.: 0.000 min
Response: 106082866
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



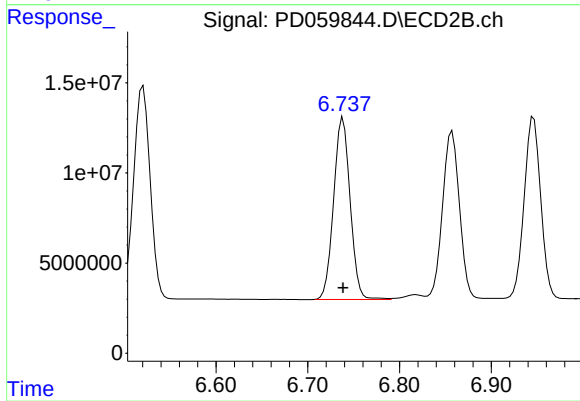
#13 Dieldrin

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 149006136
Conc: 51.90 ng/ml



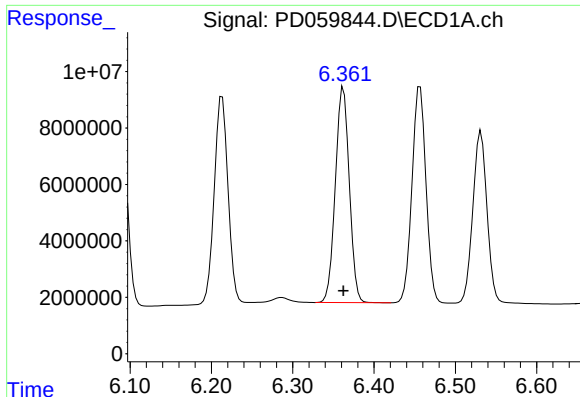
#14 Endrin

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 93181419
Conc: 50.70 ng/ml



#14 Endrin

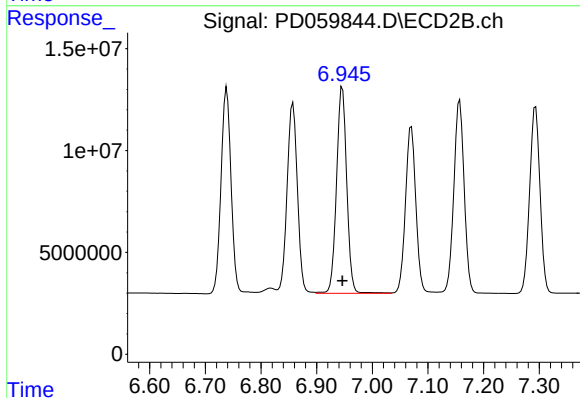
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 126592516
Conc: 51.16 ng/ml



#15 Endosulfan II

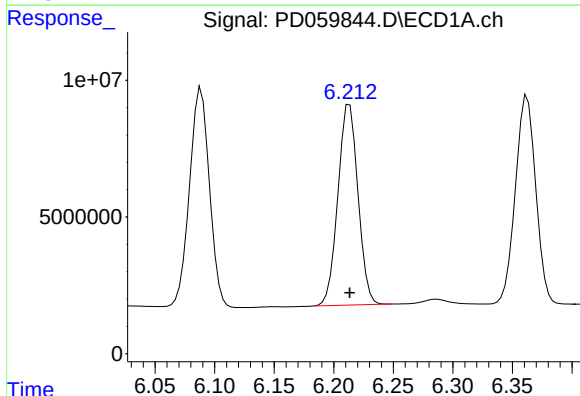
R.T.: 6.363 min
Delta R.T.: 0.000 min
Response: 91039156
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



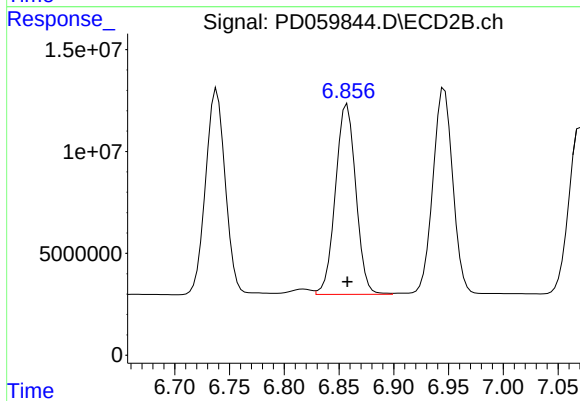
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 129468187
Conc: 49.90 ng/ml



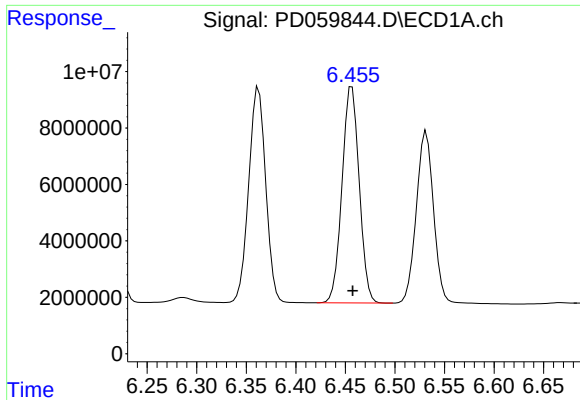
#16 4,4'-DDD

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 85983468
Conc: 51.47 ng/ml



#16 4,4'-DDD

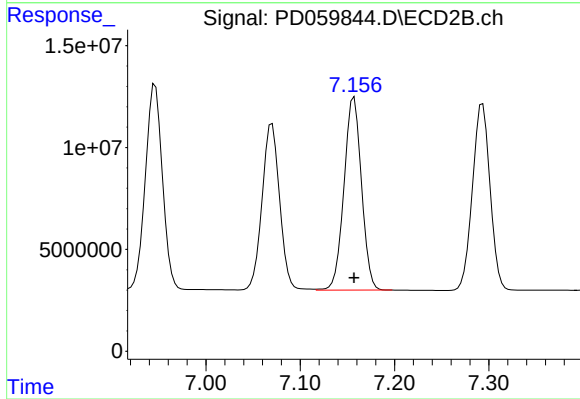
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 120865358
Conc: 52.22 ng/ml



#17 4,4'-DDT

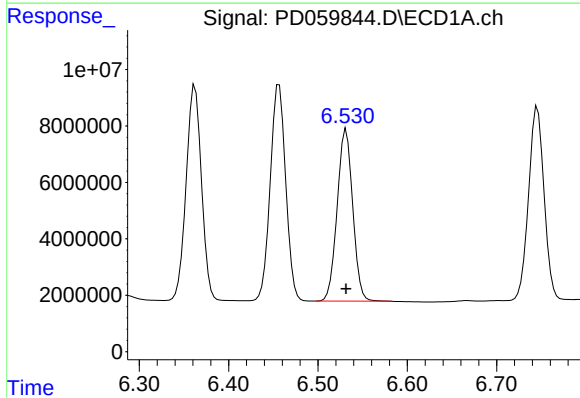
R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 92306740
Conc: 51.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



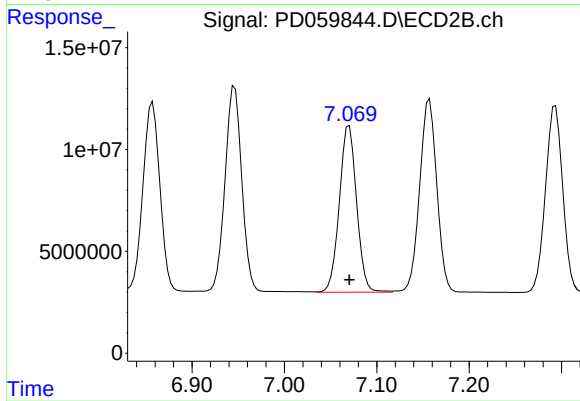
#17 4,4'-DDT

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 122182482
Conc: 51.58 ng/ml



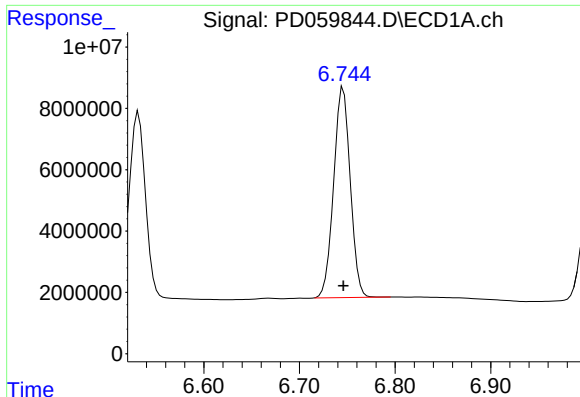
#18 Endrin aldehyde

R.T.: 6.532 min
Delta R.T.: 0.000 min
Response: 73647855
Conc: 50.69 ng/ml



#18 Endrin aldehyde

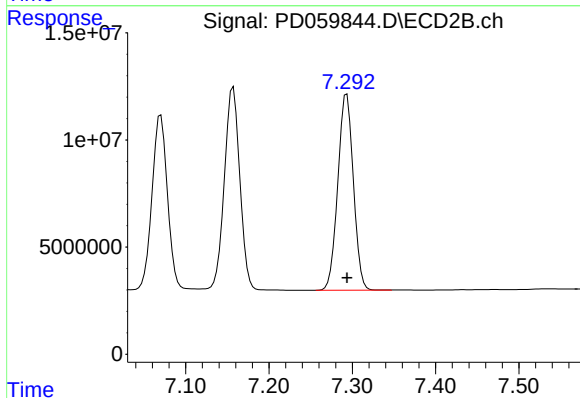
R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 106037353
Conc: 51.30 ng/ml



#19 Endosulfan Sulfate

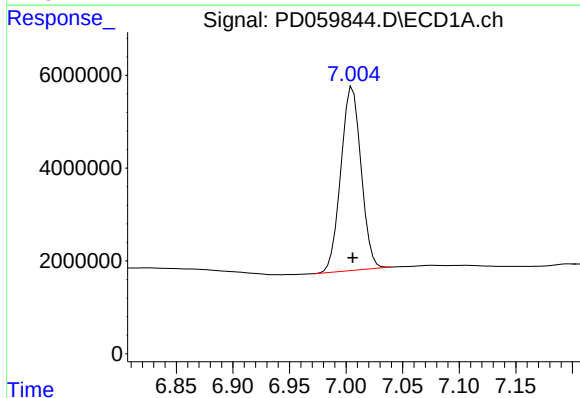
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 82588716
Conc: 51.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



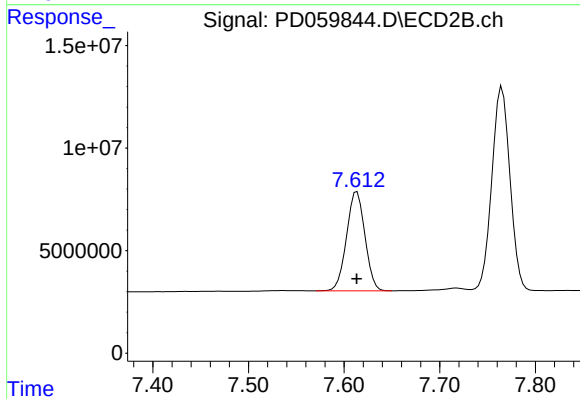
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 118850969
Conc: 51.67 ng/ml



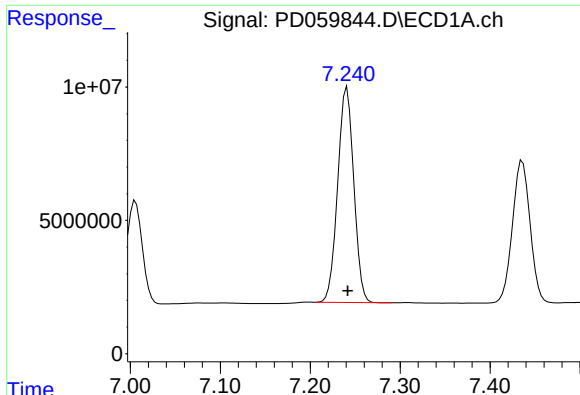
#20 Methoxychlor

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 49096648
Conc: 51.83 ng/ml



#20 Methoxychlor

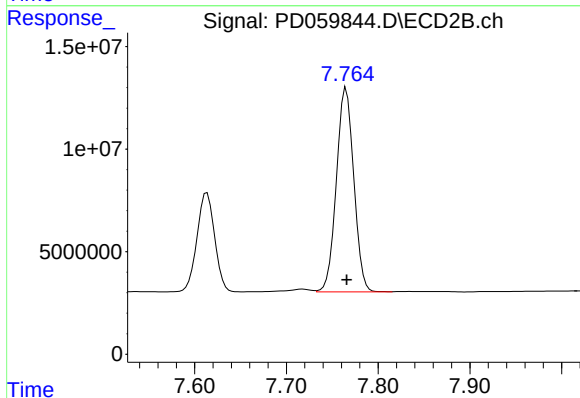
R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 64724032
Conc: 50.85 ng/ml



#21 Endrin ketone

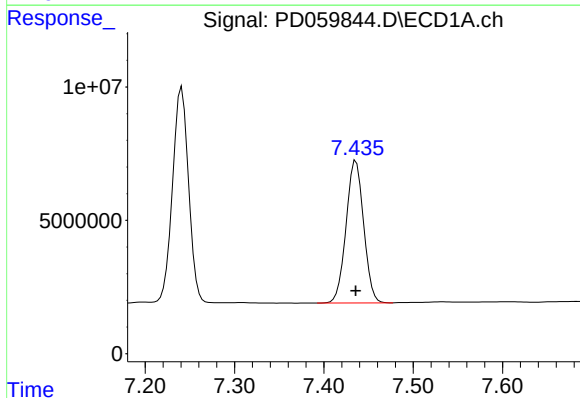
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 100275303
Conc: 53.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



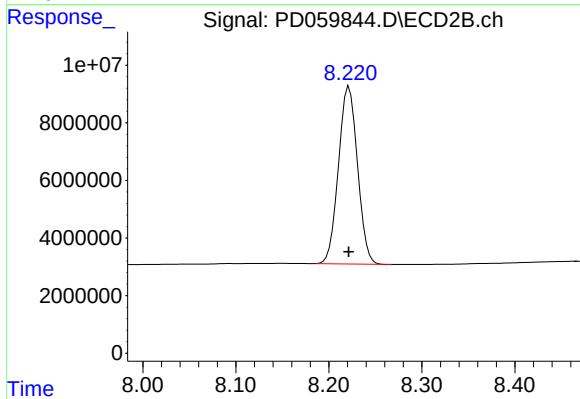
#21 Endrin ketone

R.T.: 7.765 min
Delta R.T.: 0.000 min
Response: 131400046
Conc: 52.88 ng/ml



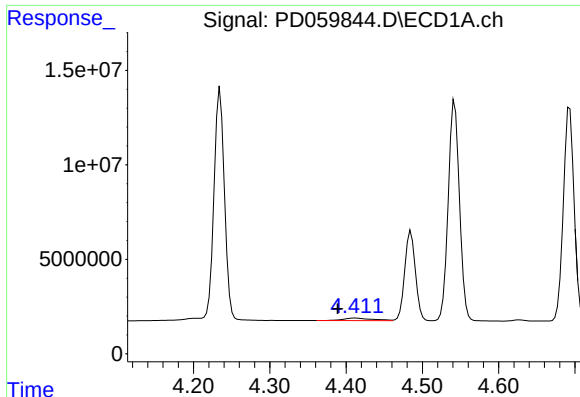
#22 Mirex

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 72855286
Conc: 50.86 ng/ml



#22 Mirex

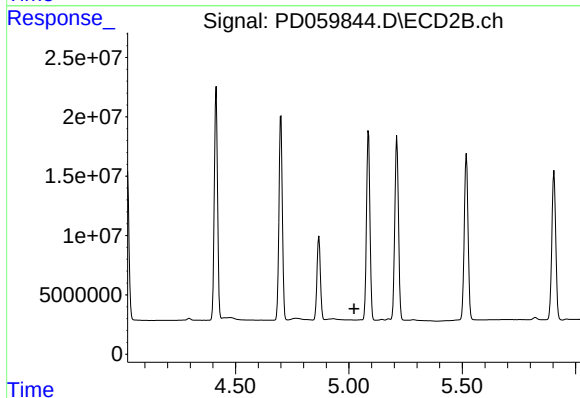
R.T.: 8.222 min
Delta R.T.: 0.000 min
Response: 87815562
Conc: 53.73 ng/ml



#23 Chlordane-1

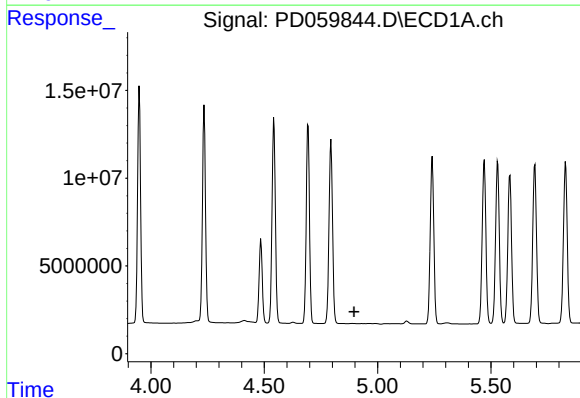
R.T.: 4.412 min
Delta R.T.: 0.023 min
Response: 3636539
Conc: 59.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



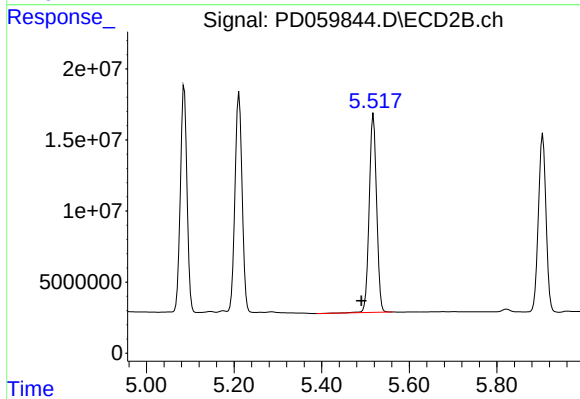
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



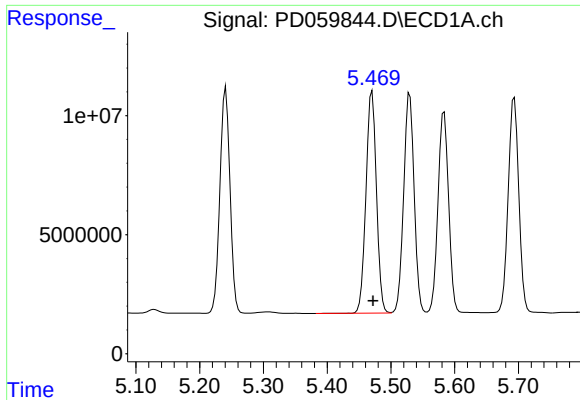
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.896 min
Response: 0
Conc: N.D.



#24 Chlordane-2

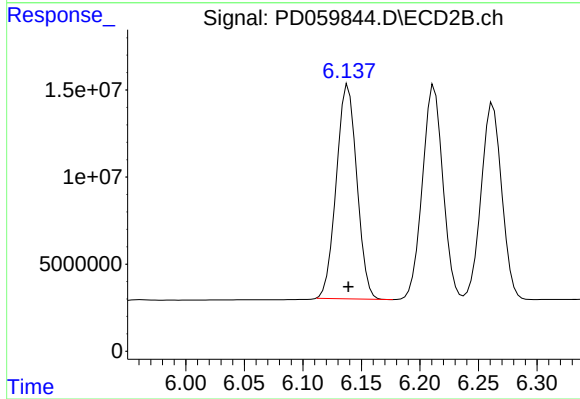
R.T.: 5.518 min
Delta R.T.: 0.027 min
Response: 164070506
Conc: 1664.91 ng/ml



#25 Chlordane-3

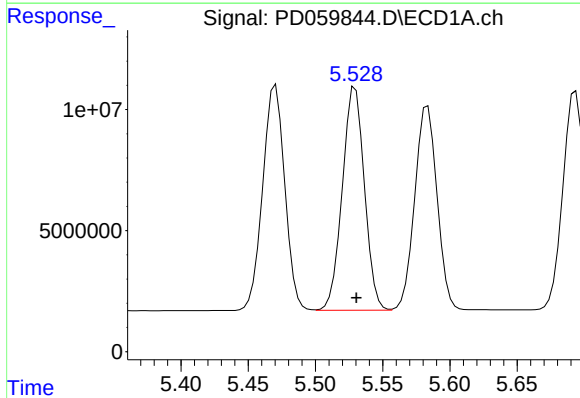
R.T.: 5.471 min
Delta R.T.: -0.001 min
Response: 106544991
Conc: 565.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



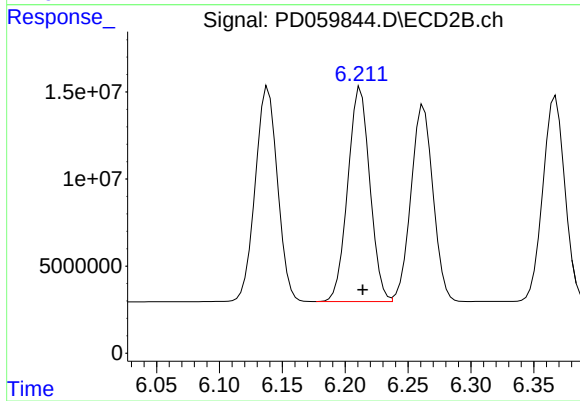
#25 Chlordane-3

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 150293362
Conc: 398.34 ng/ml



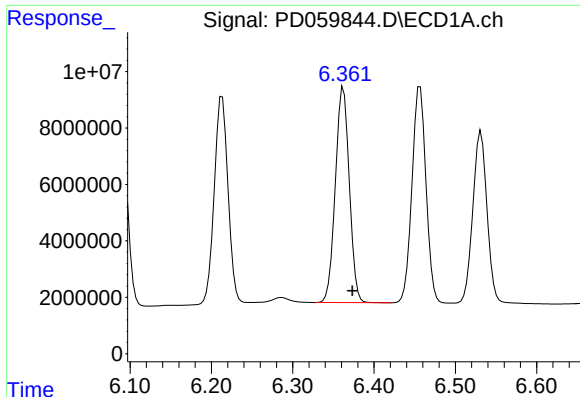
#26 Chlordane-4

R.T.: 5.530 min
Delta R.T.: 0.000 min
Response: 105343425
Conc: 689.79 ng/ml



#26 Chlordane-4

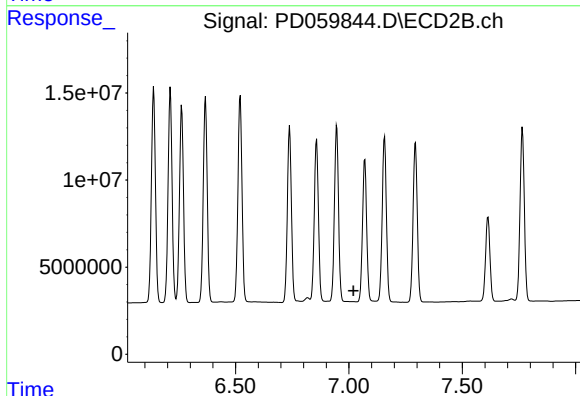
R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 150418286
Conc: 336.71 ng/ml



#27 Chlordane-5

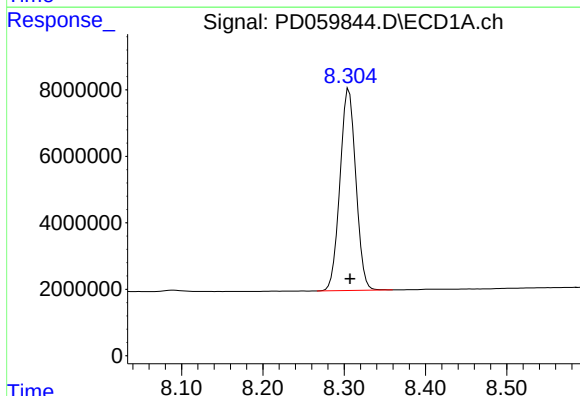
R.T.: 6.363 min
Delta R.T.: -0.011 min
Response: 91039156
Conc: 1258.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



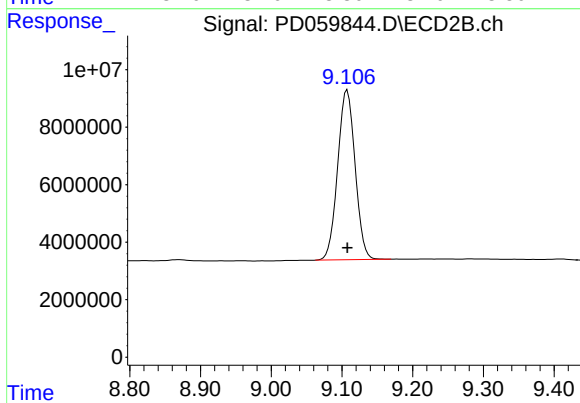
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.020 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.306 min
Delta R.T.: -0.001 min
Response: 82264511
Conc: 53.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.108 min
Delta R.T.: 0.000 min
Response: 101128951
Conc: 55.84 ng/ml