

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
 Data File : PD089076.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2025 13:19
 Operator : AR\AJ
 Sample : PB168580BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB168580BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 24 01:50:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.550	2.881	57585906	376.5E6	20.183	22.211
28)	SA Decachlor...	9.072	8.072	89128842	445.8E6	22.693	22.549
Target Compounds							
2)	A alpha-BHC	4.000	3.393	274.5E6	1259.5E6	47.092	47.000
3)	MA gamma-BHC...	4.331	3.729	261.0E6	1166.6E6	46.758	47.121
4)	MA Heptachlor	4.930	4.082	259.3E6	1161.0E6	47.553	46.369
5)	MB Aldrin	5.272	4.368	248.9E6	1145.8E6	46.845	47.314
6)	B beta-BHC	4.516	4.025	99800972	500.9E6	45.217	46.611
7)	B delta-BHC	4.764	4.261	252.6E6	1169.9E6	49.209	47.033
8)	B Heptachlo...	5.691	4.872	221.6E6	1025.0E6	45.936	46.807
9)	A Endosulfan I	6.075	5.246	207.4E6	983.1E6	46.007	47.166
10)	B gamma-Chl...	5.947	5.125	220.9E6	1115.4E6	46.143	46.624
11)	B alpha-Chl...	6.028	5.189	221.6E6	1066.0E6	45.803	46.557
12)	B 4,4'-DDE	6.196	5.374	200.7E6	1066.2E6	46.021	46.526
13)	MA Dieldrin	6.348	5.512	222.0E6	1079.7E6	46.265	46.523
14)	MA Endrin	6.575	5.788	184.5E6	950.0E6	44.732	43.750
15)	B Endosulfa...	6.786	6.080	187.6E6	936.8E6	46.480	46.382
16)	A 4,4'-DDD	6.706	5.928	158.2E6	892.6E6	46.095	46.663
17)	MA 4,4'-DDT	7.021	6.183	171.4E6	925.0E6	45.241	45.614
18)	B Endrin al...	6.915	6.258	137.9E6	696.3E6	44.995	45.476
19)	B Endosulfa...	7.150	6.482	174.0E6	893.8E6	45.342	45.551
20)	A Methoxychlor	7.494	6.753	87694354	462.0E6	43.400	42.903
21)	B Endrin ke...	7.630	6.990	186.9E6	985.8E6	45.893	45.635
22)	Mirex	8.114	7.184	135.8E6	740.5E6	44.660	44.398
23)	Chlordane-1	0.000	3.900	0	689899	N.D.	0.740 #
24)	Chlordane-2	0.000	4.506	0	6053666	N.D.	6.361 #
25)	Chlordane-3	5.947	5.125	220.9E6	1115.4E6	256.163	375.518 #
26)	Chlordane-4	6.028	5.189	221.6E6	1066.0E6	210.924	425.256 #
27)	Chlordane-5	0.000	6.080	0	936.8E6	N.D.	827.769 #

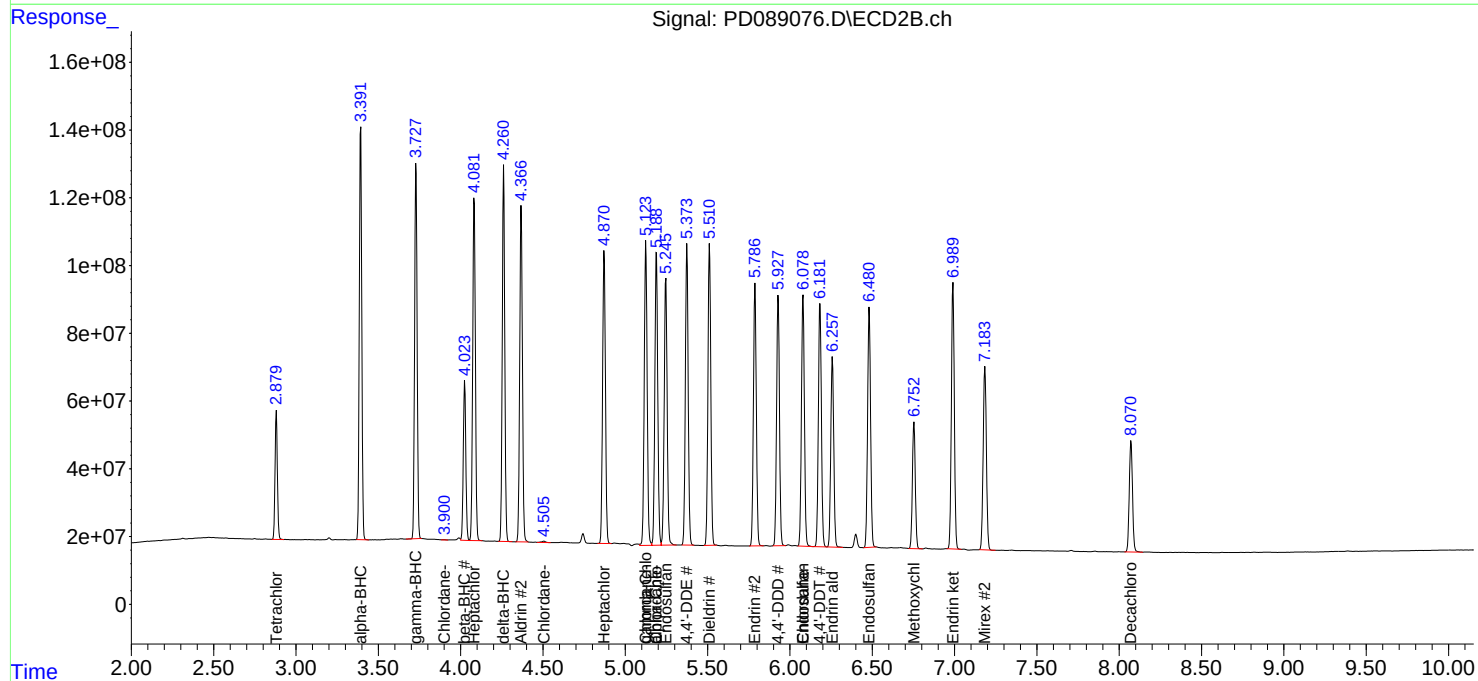
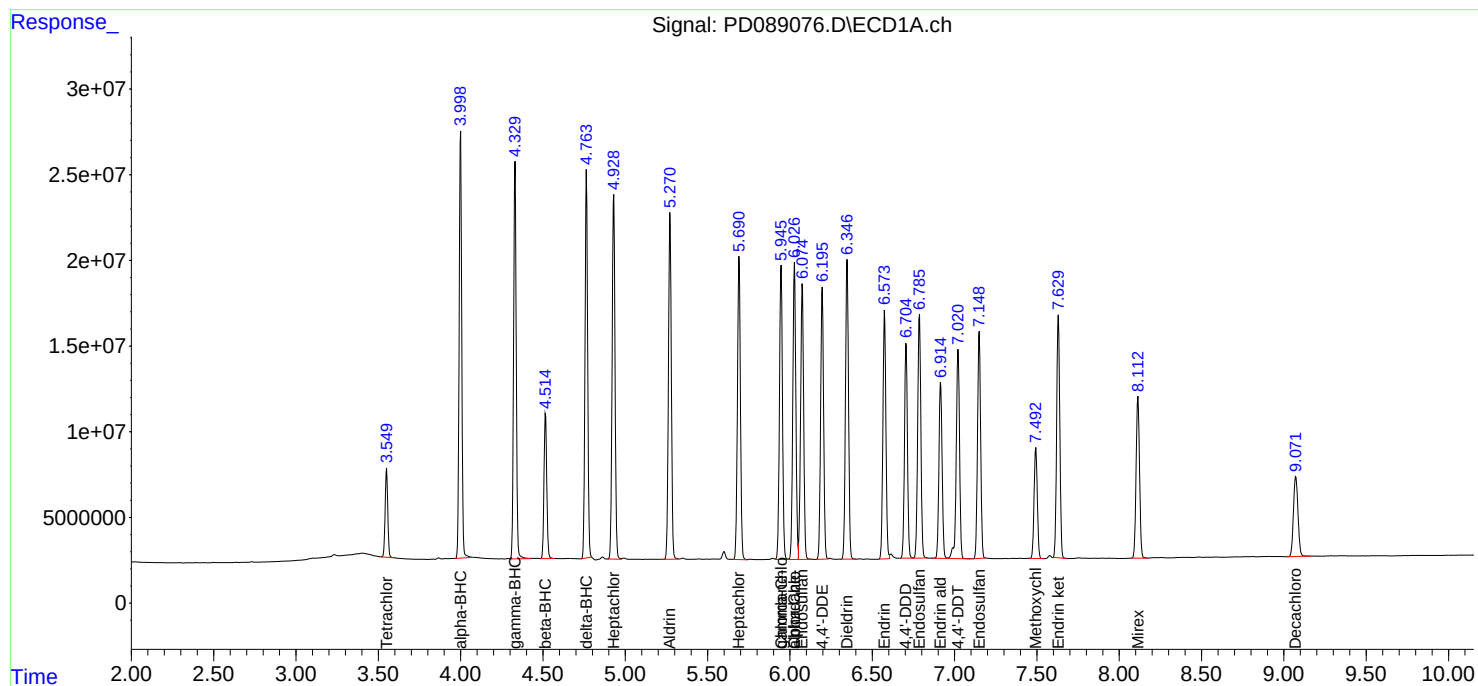
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

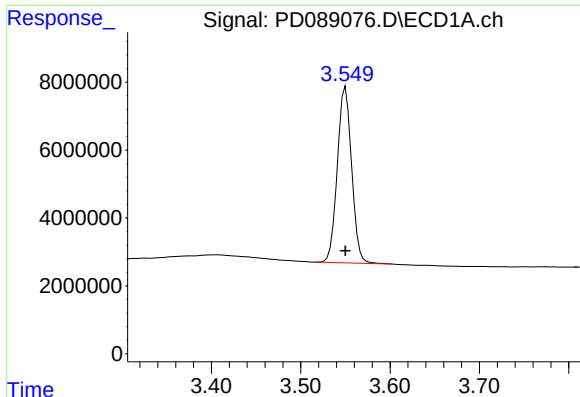
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062325\
Data File : PD089076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jun 2025 13:19
Operator : AR\AJ
Sample : PB168580BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PB168580BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 24 01:50:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

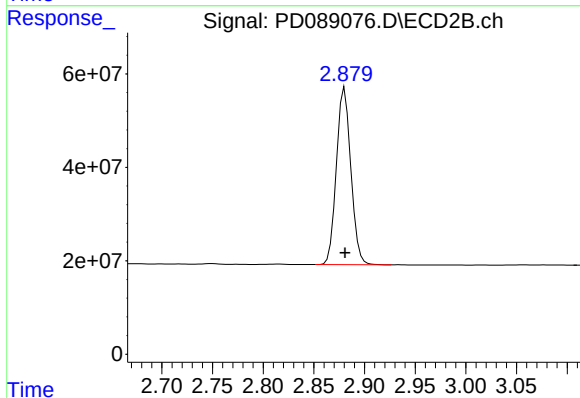




#1 Tetrachloro-m-xylene

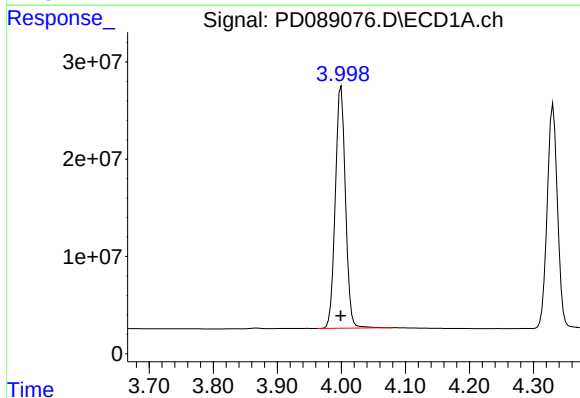
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 57585906
Conc: 20.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



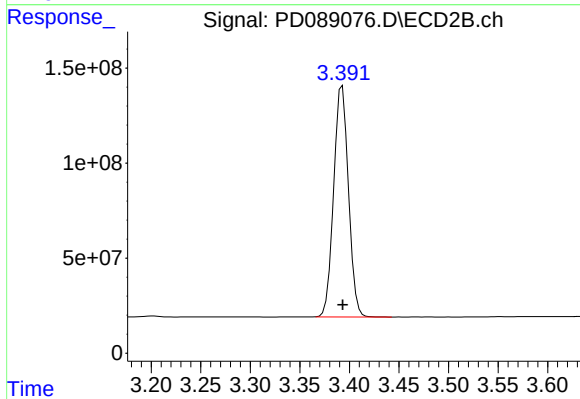
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 376542220
Conc: 22.21 ng/ml



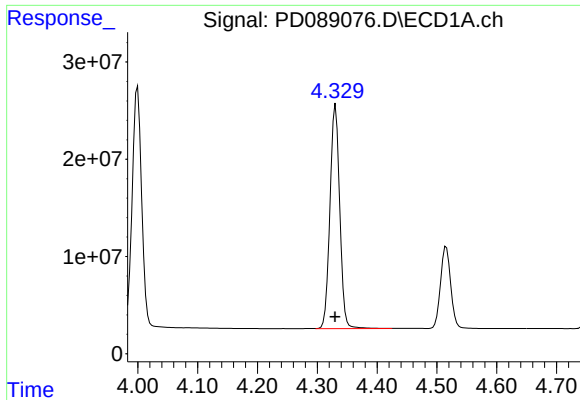
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 274500395
Conc: 47.09 ng/ml



#2 alpha-BHC

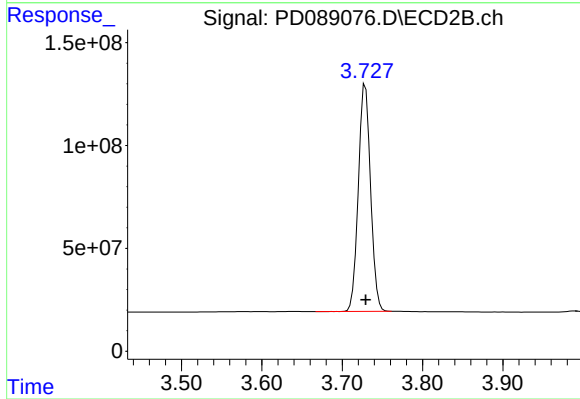
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 1259457103
Conc: 47.00 ng/ml



#3 gamma-BHC (Lindane)

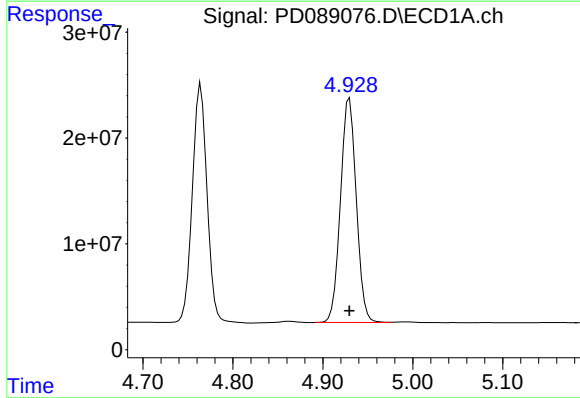
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 260989147
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



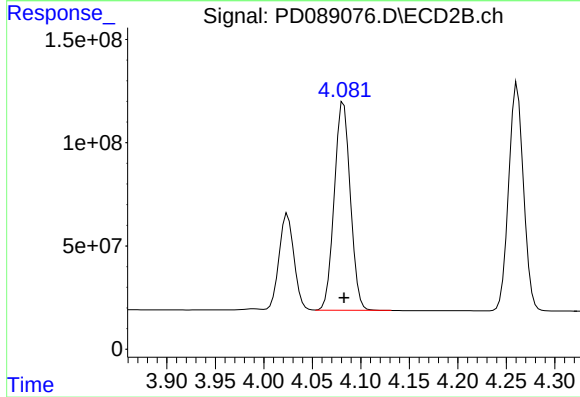
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 1166571951
Conc: 47.12 ng/ml



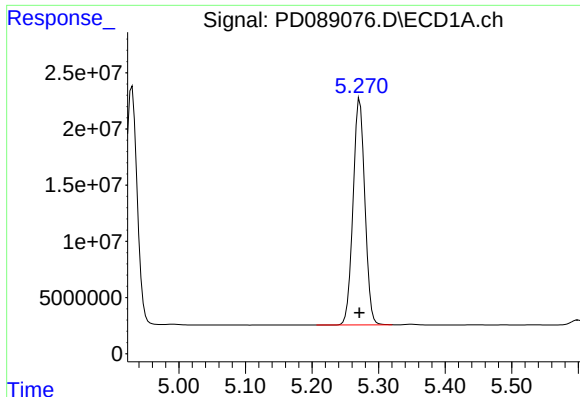
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 259258348
Conc: 47.55 ng/ml



#4 Heptachlor

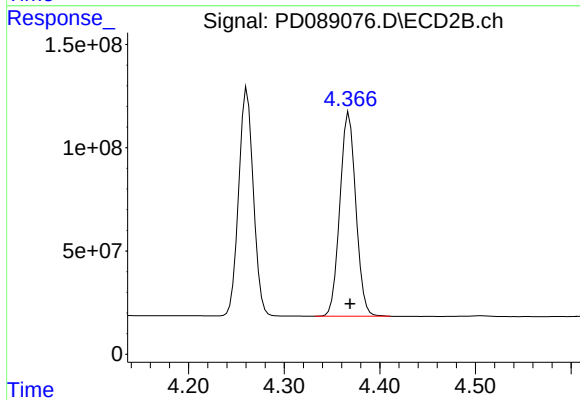
R.T.: 4.082 min
Delta R.T.: 0.000 min
Response: 1161013452
Conc: 46.37 ng/ml



#5 Aldrin

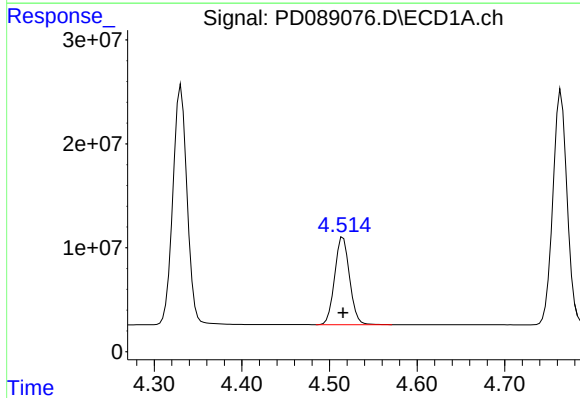
R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 248886927
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



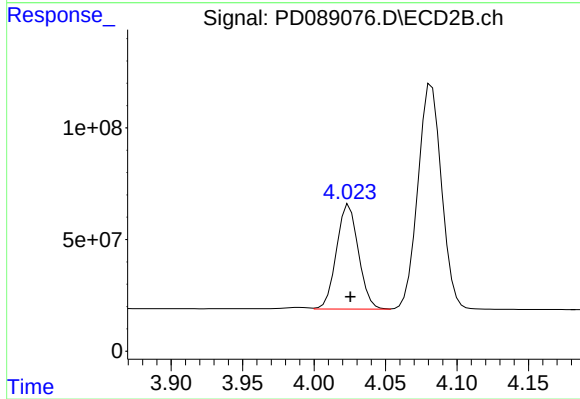
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 1145824679
Conc: 47.31 ng/ml



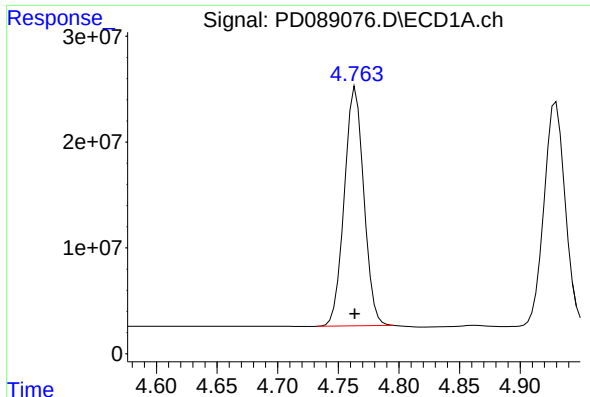
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 99800972
Conc: 45.22 ng/ml



#6 beta-BHC

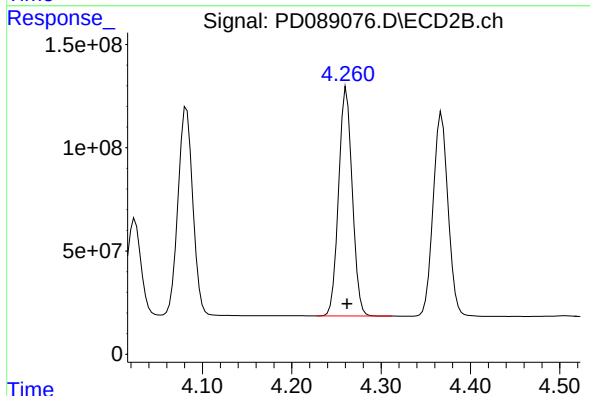
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 500894986
Conc: 46.61 ng/ml



#7 delta-BHC

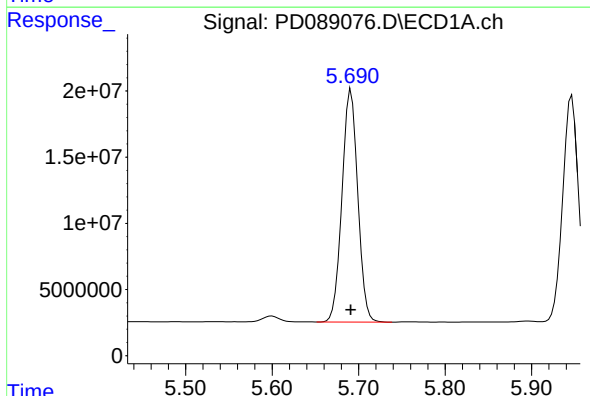
R.T.: 4.764 min
Delta R.T.: 0.000 min
Response: 252587338
Conc: 49.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



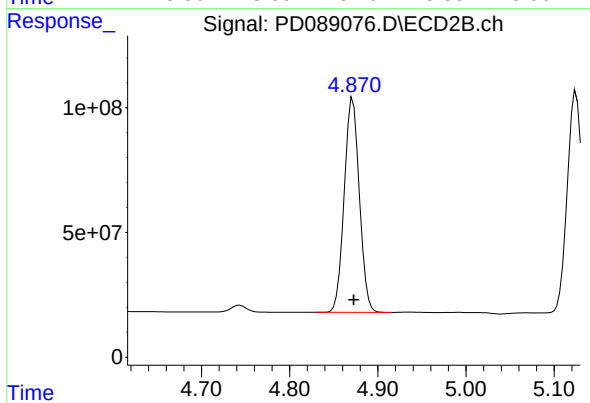
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.000 min
Response: 1169874769
Conc: 47.03 ng/ml



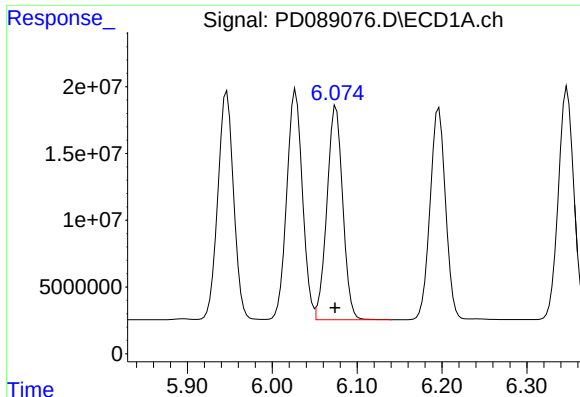
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 221594663
Conc: 45.94 ng/ml



#8 Heptachlor epoxide

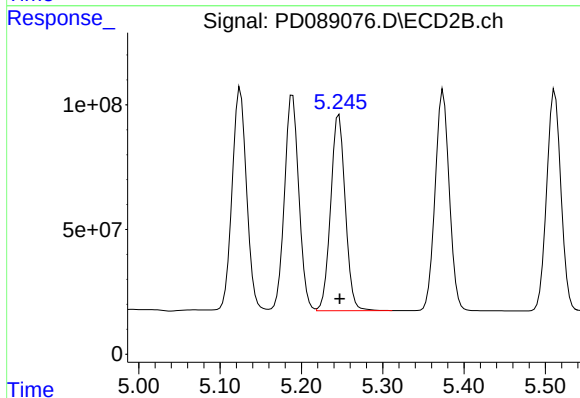
R.T.: 4.872 min
Delta R.T.: -0.001 min
Response: 1024972975
Conc: 46.81 ng/ml



#9 Endosulfan I

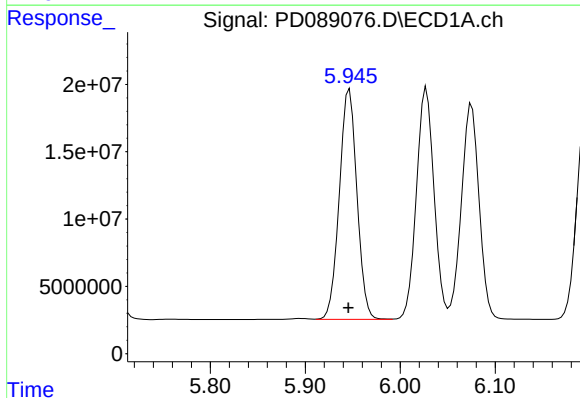
R.T.: 6.075 min
Delta R.T.: 0.001 min
Response: 207374742
Conc: 46.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



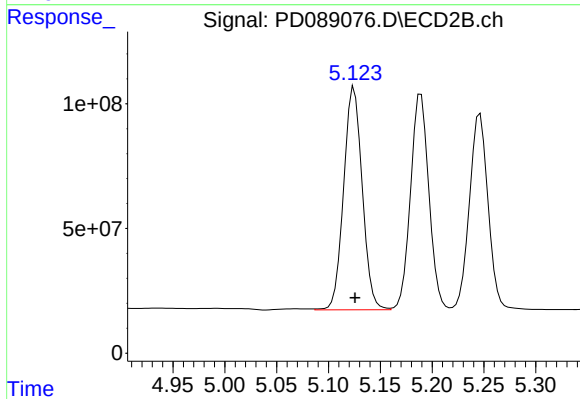
#9 Endosulfan I

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 983056956
Conc: 47.17 ng/ml



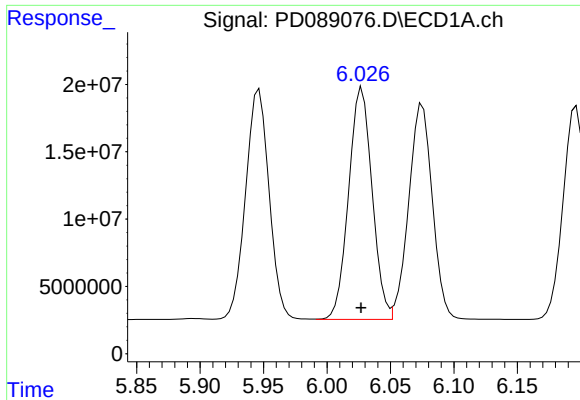
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 220936332
Conc: 46.14 ng/ml



#10 gamma-Chlordane

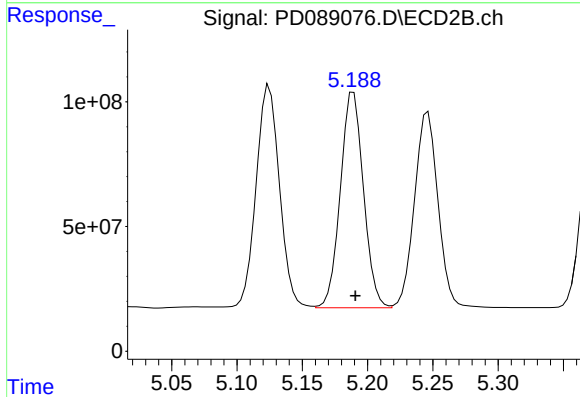
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1115363667
Conc: 46.62 ng/ml



#11 alpha-Chlordane

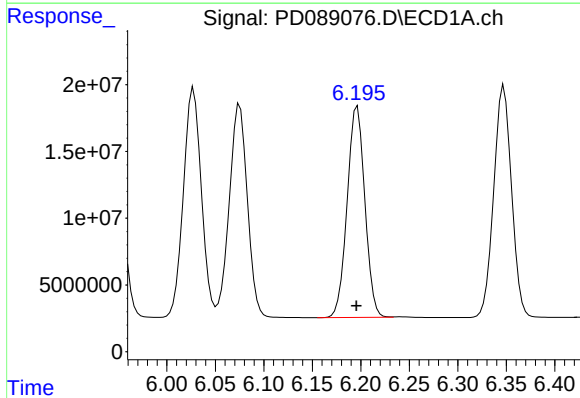
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 221619740
Conc: 45.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



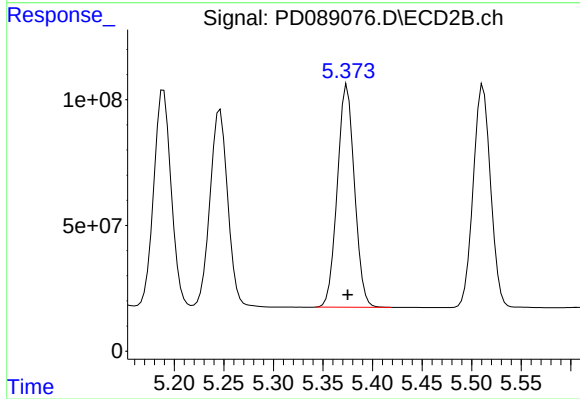
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 1065997593
Conc: 46.56 ng/ml



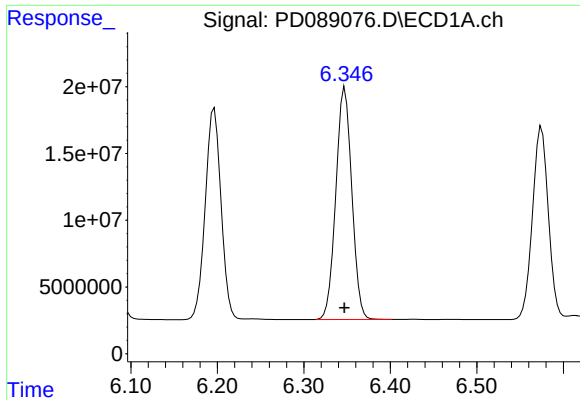
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 200699053
Conc: 46.02 ng/ml



#12 4,4'-DDE

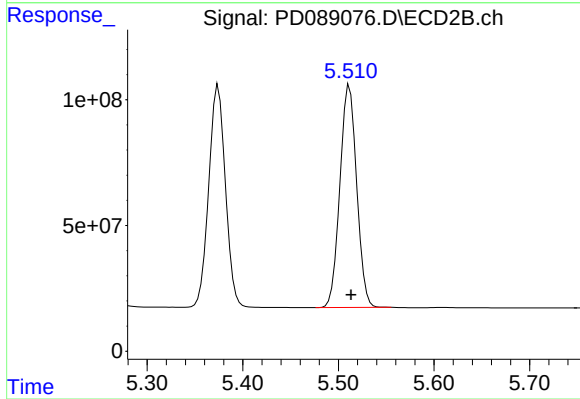
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 1066204274
Conc: 46.53 ng/ml



#13 Dieldrin

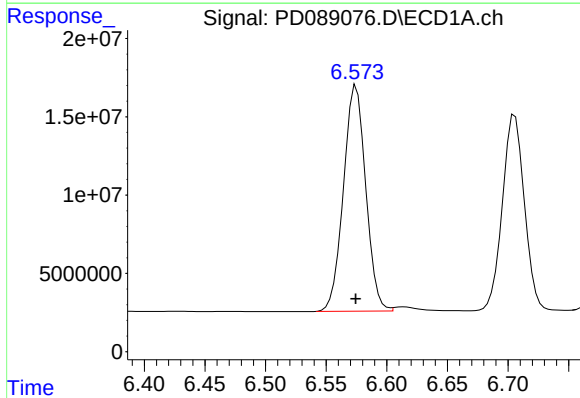
R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 221955936
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



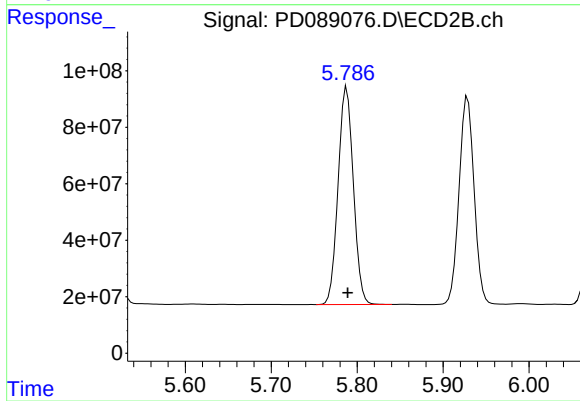
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.002 min
Response: 1079727967
Conc: 46.52 ng/ml



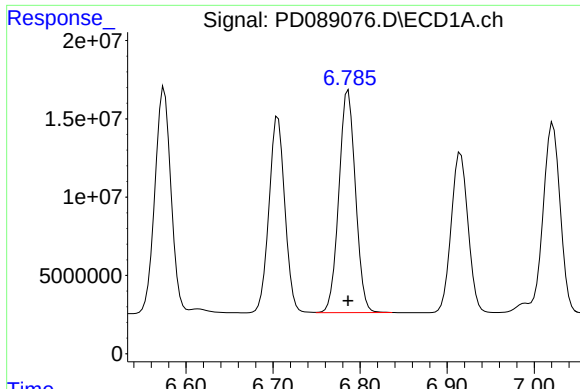
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 184544390
Conc: 44.73 ng/ml



#14 Endrin

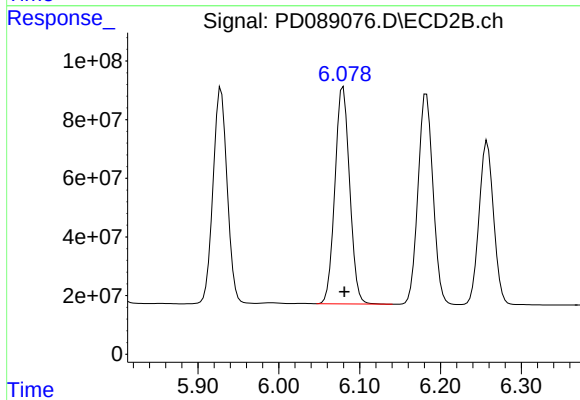
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 949985183
Conc: 43.75 ng/ml



#15 Endosulfan II

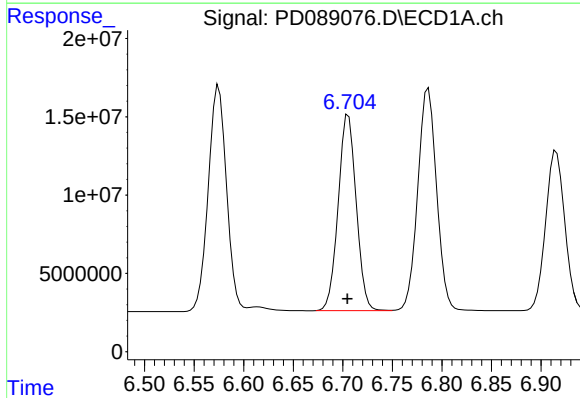
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 187620108
Conc: 46.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



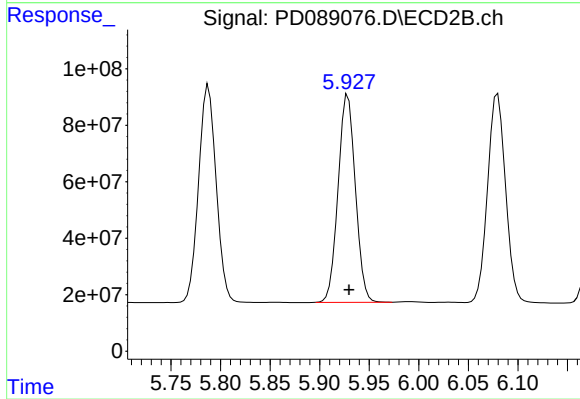
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 936753373
Conc: 46.38 ng/ml



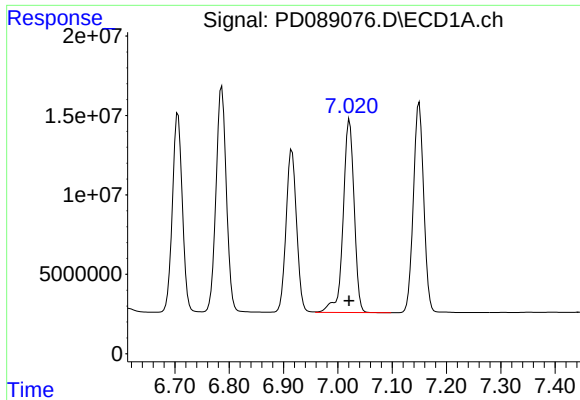
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.001 min
Response: 158201618
Conc: 46.10 ng/ml



#16 4,4'-DDD

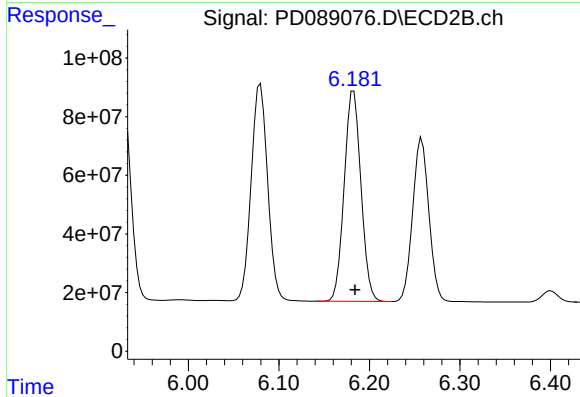
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 892632969
Conc: 46.66 ng/ml



#17 4,4'-DDT

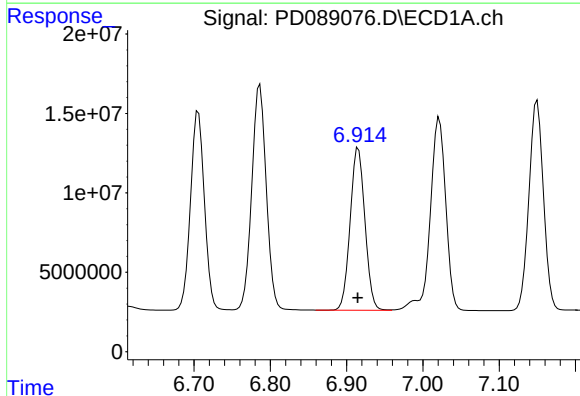
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 171383900
Conc: 45.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



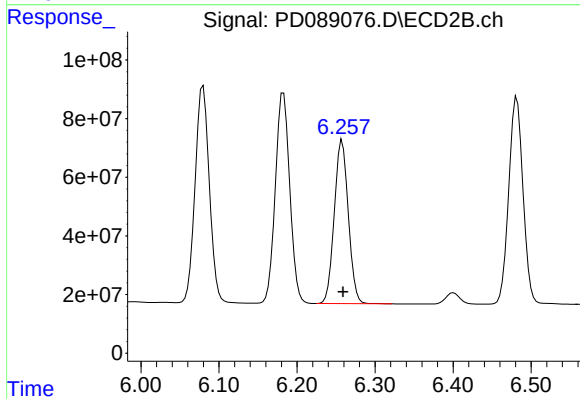
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.002 min
Response: 925031280
Conc: 45.61 ng/ml



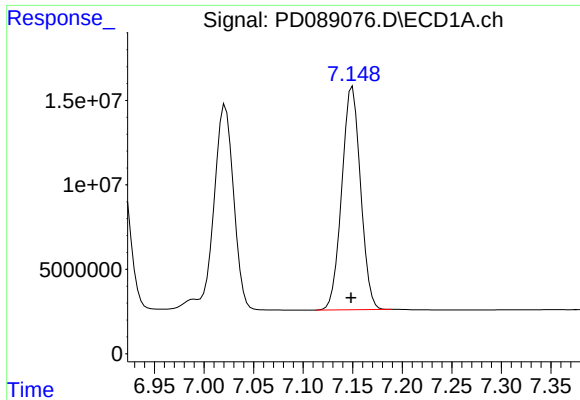
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 137861427
Conc: 44.99 ng/ml



#18 Endrin aldehyde

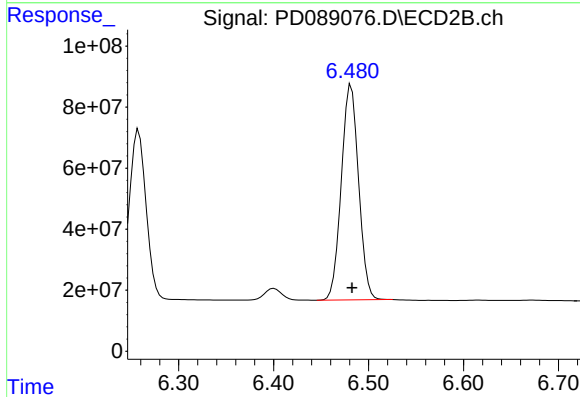
R.T.: 6.258 min
Delta R.T.: -0.001 min
Response: 696295186
Conc: 45.48 ng/ml



#19 Endosulfan Sulfate

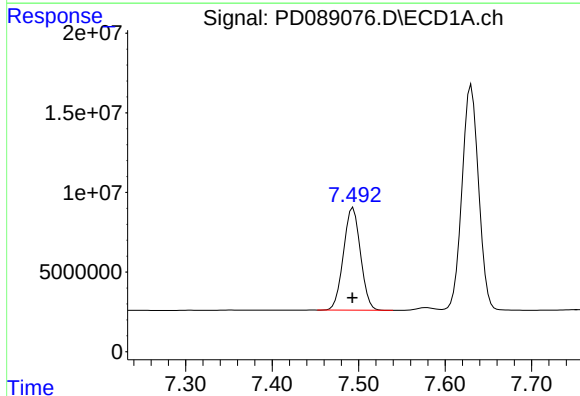
R.T.: 7.150 min
Delta R.T.: 0.002 min
Response: 173986138
Conc: 45.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



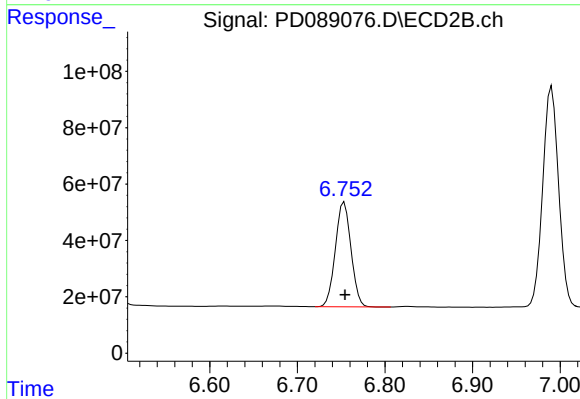
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 893760234
Conc: 45.55 ng/ml



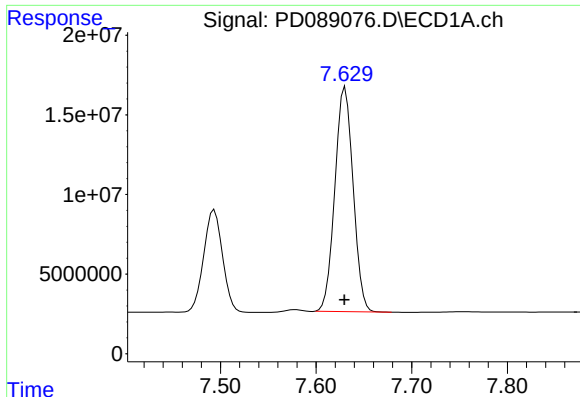
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 87694354
Conc: 43.40 ng/ml



#20 Methoxychlor

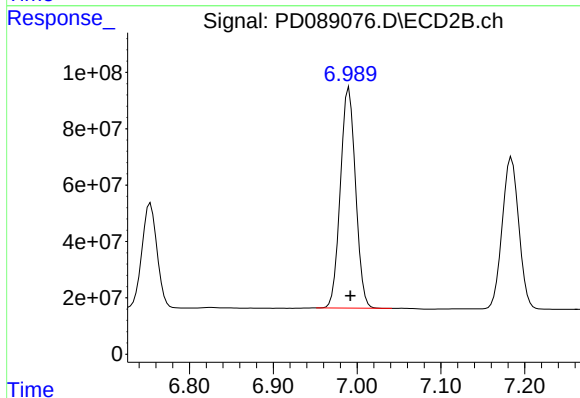
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 461980037
Conc: 42.90 ng/ml



#21 Endrin ketone

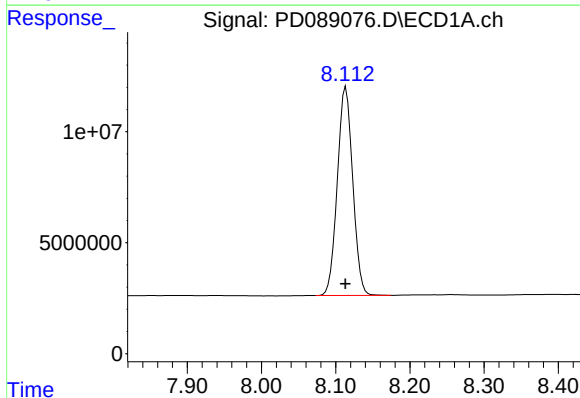
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 186924374
Conc: 45.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



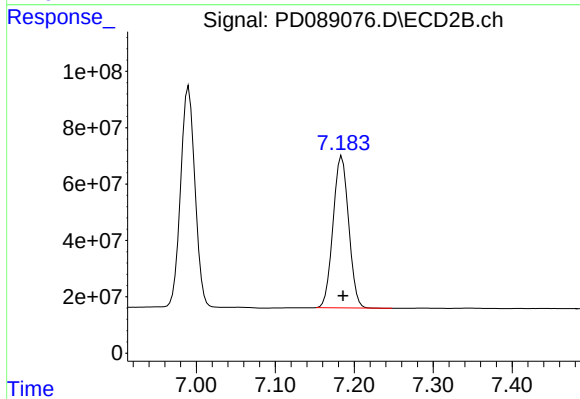
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 985796788
Conc: 45.64 ng/ml



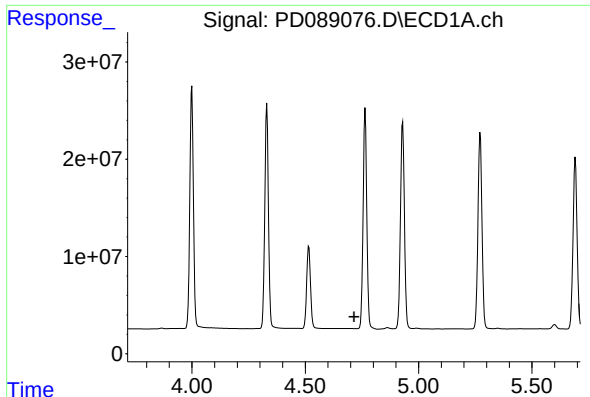
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 135772413
Conc: 44.66 ng/ml



#22 Mirex

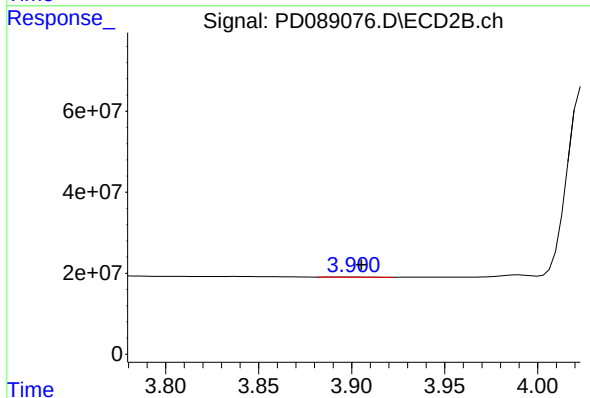
R.T.: 7.184 min
Delta R.T.: -0.001 min
Response: 740486263
Conc: 44.40 ng/ml



#23 Chlordane-1

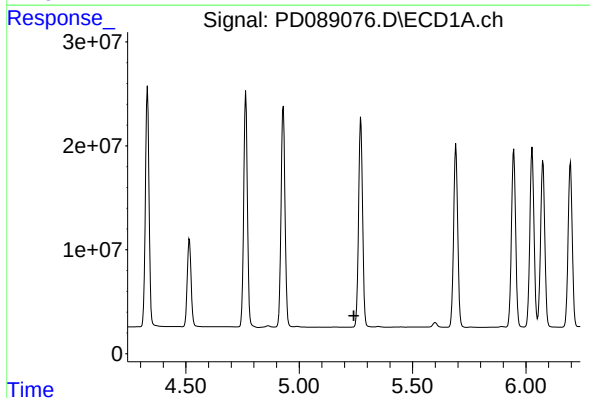
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB168580BS



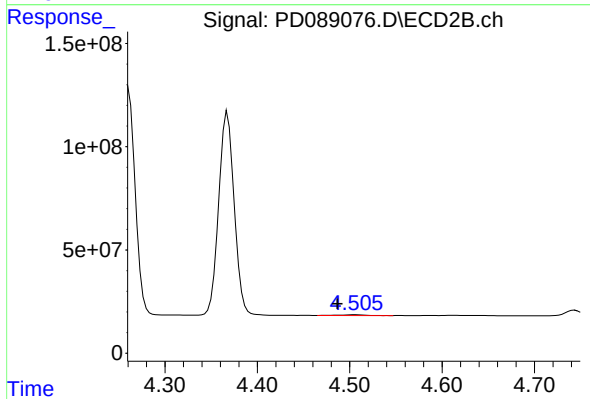
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 689899
Conc: 0.74 ng/ml



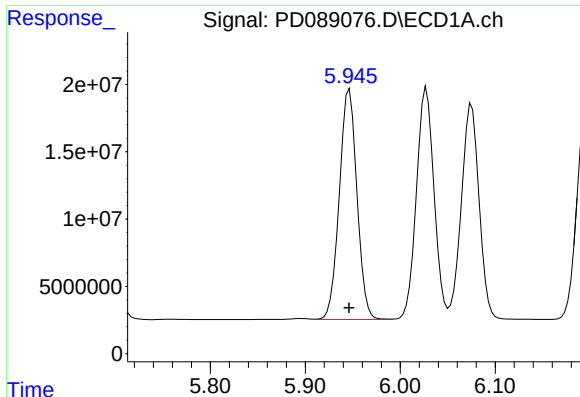
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

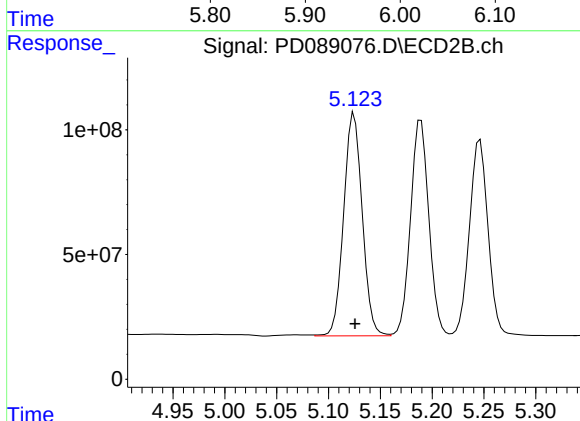
R.T.: 4.506 min
Delta R.T.: 0.019 min
Response: 6053666
Conc: 6.36 ng/ml



#25 Chlordane-3

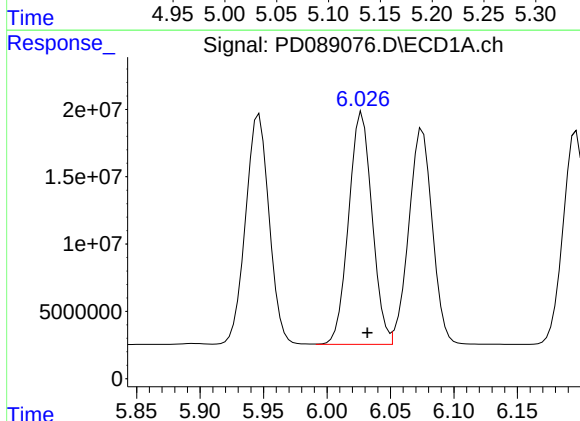
R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 220936332
Conc: 256.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB168580BS



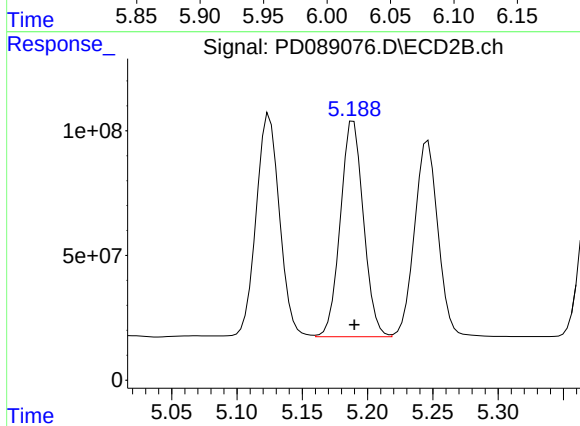
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 1115363667
Conc: 375.52 ng/ml



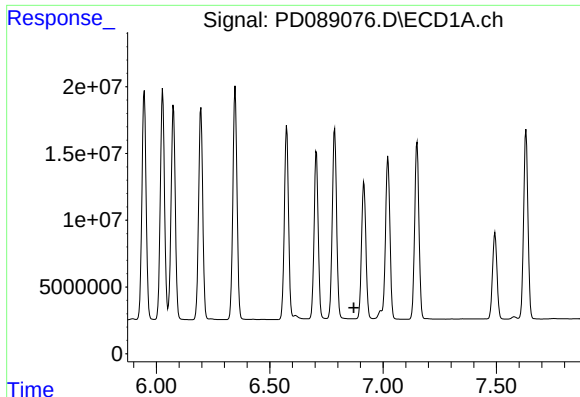
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 221619740
Conc: 210.92 ng/ml



#26 Chlordane-4

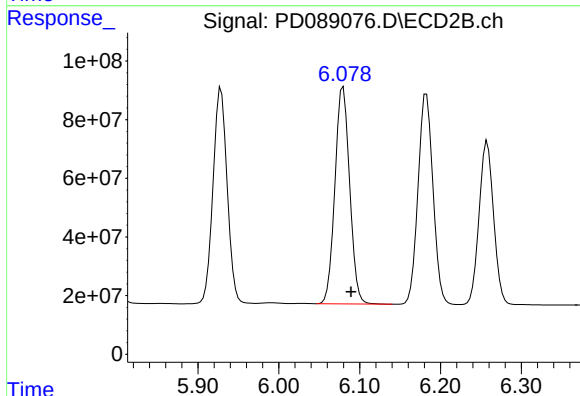
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 1065997593
Conc: 425.26 ng/ml



#27 Chlordane-5

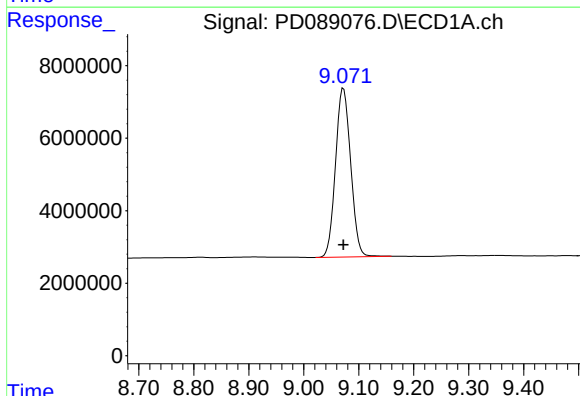
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PB168580BS



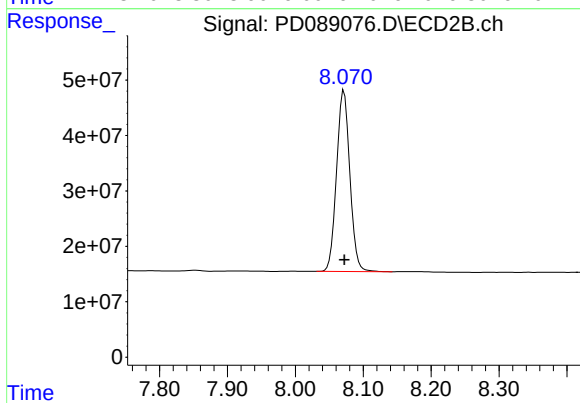
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.010 min
Response: 936753373
Conc: 827.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 89128842
Conc: 22.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 445792505
Conc: 22.55 ng/ml