

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 20:15
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 01:45:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.422	2.677	59777284	24827189	15.884	14.749
28) SA Decachlor...	8.980	7.868	58016893	26919057	17.014	15.938
Target Compounds						
2) A alpha-BHC	3.878	3.182	40426535	15740931	7.467	6.405
3) MA gamma-BHC...	4.212	3.513	39194875	15760928	7.458	6.506
4) MA Heptachlor	0.000	3.874	0	52508	N.D.	0.022 #
5) MB Aldrin	0.000	4.149	0	64001	N.D.	0.027 #
6) B beta-BHC	4.411	3.814	19291771	8117491	8.399	7.798
7) B delta-BHC	0.000	4.053	0	5691	N.D.	0.002 #
8) B Heptachlo...	0.000	4.626f	0	6132	N.D.	0.003 #
9) A Endosulfan I	5.969	5.025	47604	392517	0.011	0.182 #
10) B gamma-Chl...	5.815f	4.909	2262634	2700414	0.467	1.181 #
11) B alpha-Chl...	5.921	0.000	22665	0	0.005	N.D. #
12) B 4,4'-DDE	6.097	5.160	793478	209093	0.191	0.105 #
13) MA Dieldrin	6.281f	5.286	1564890	351824	0.337	0.158 #
14) MA Endrin	6.473	5.558	124.5E6	61258334	32.372	30.696
15) B Endosulfa...	6.729f	5.886f	636325	605787	0.159	0.311 #
16) A 4,4'-DDD	6.618	5.718	6910314	2803280	2.091	1.693
17) MA 4,4'-DDT	6.935	5.971	265.8E6	126.2E6	70.694	68.453
18) B Endrin al...	6.826	6.038	6038177	4384137	2.083	2.987 #
19) B Endosulfa...	7.040f	6.263	465067	103485	0.118	0.055 #
20) A Methoxychlor	7.420	6.557	336.7E6	161.9E6	172.651	158.508
21) B Endrin ke...	7.548	6.767	10628368	6086946	2.613	2.859
22) Mirex	0.000	6.934f	0	134152	N.D.	0.075 #
23) Chlordane-1	0.000	3.714f	0	189624	N.D.	3.057 #
24) Chlordane-2	0.000	4.250f	0	515027	N.D.	6.708 #
25) Chlordane-3	5.815f	4.909	2262634	2700414	3.246	12.215 #
26) Chlordane-4	5.921	0.000	22665	0	0.027	N.D. #

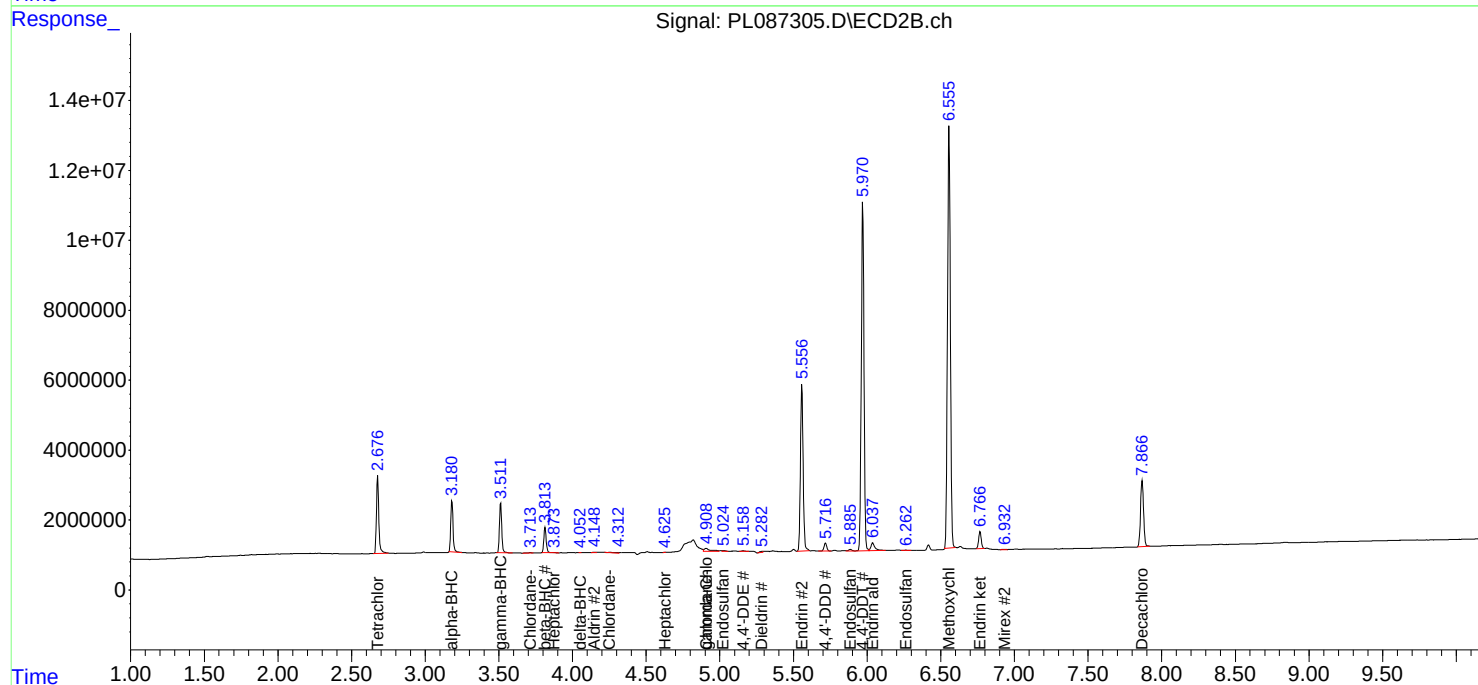
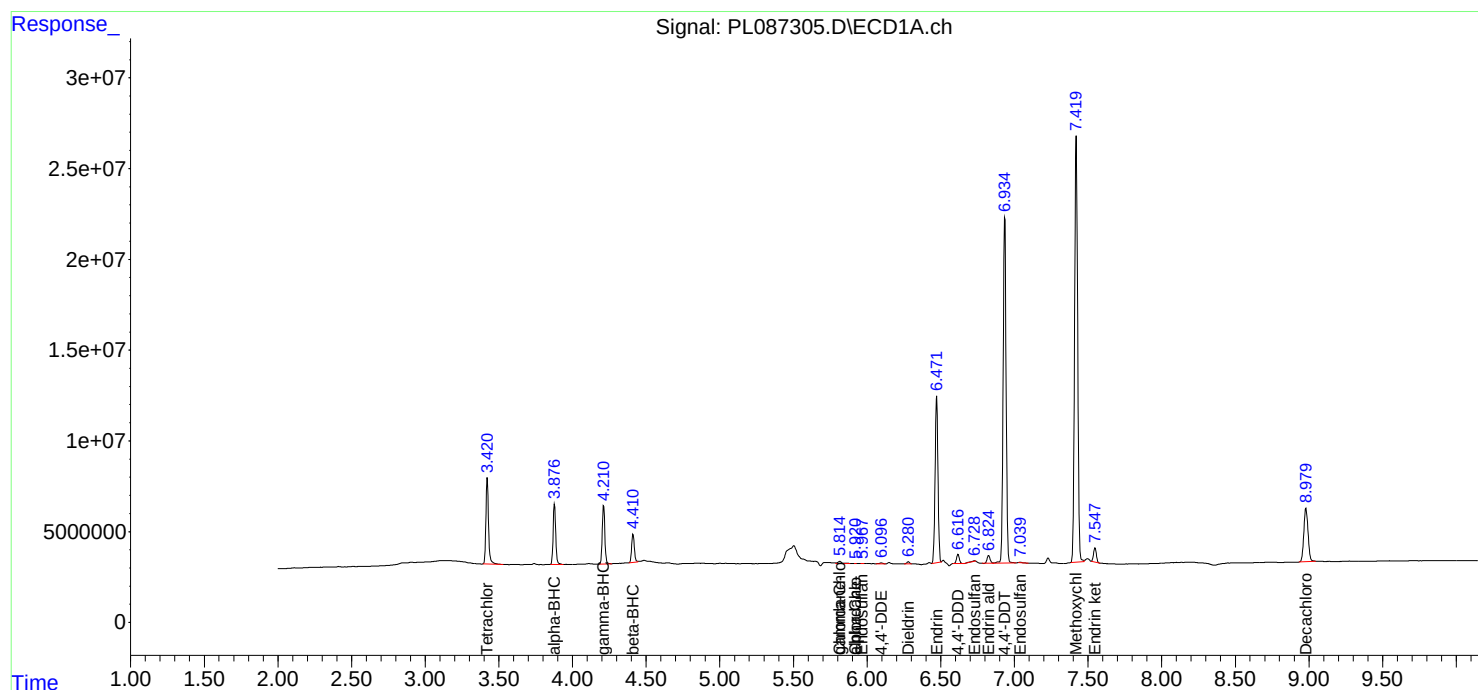
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

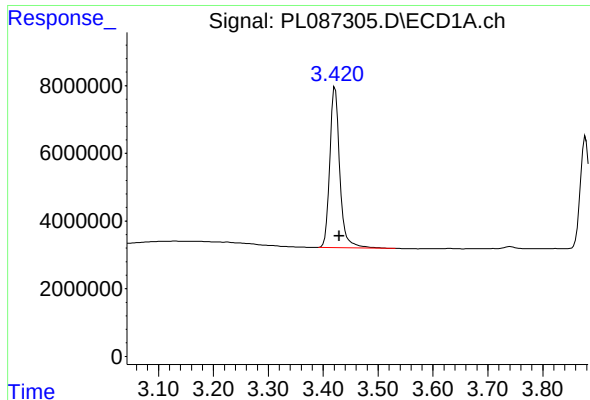
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 20:15
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 01:45:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 2023
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

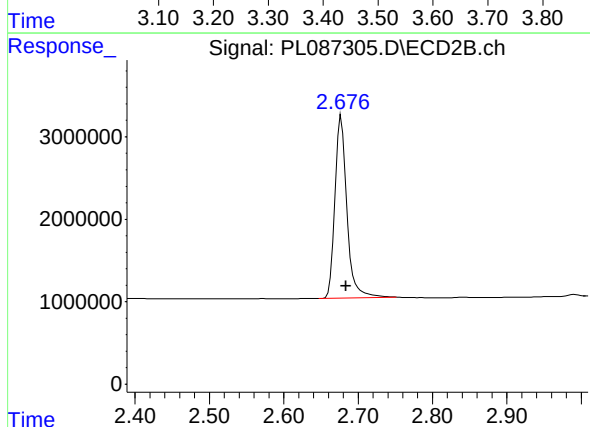




#1 Tetrachloro-m-xylene

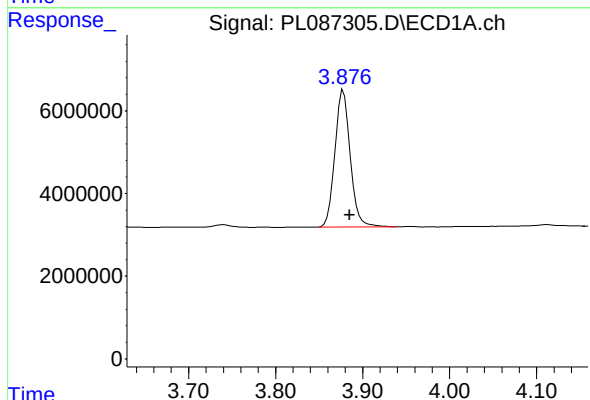
R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 59777284
Conc: 15.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



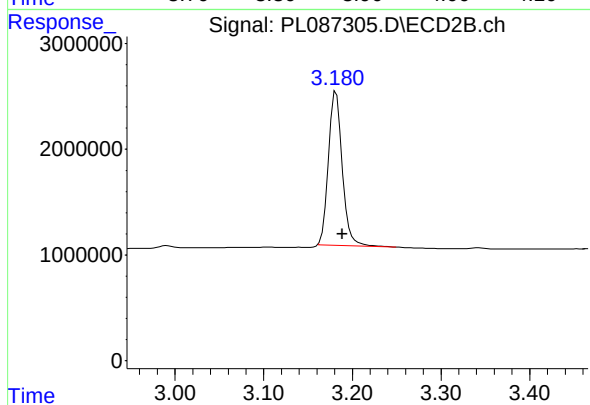
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 24827189
Conc: 14.75 ng/ml



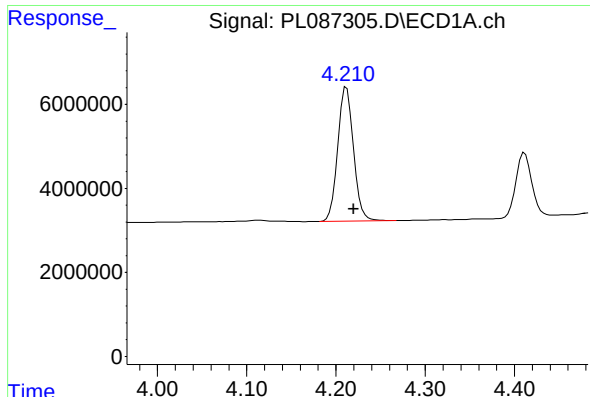
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 40426535
Conc: 7.47 ng/ml



#2 alpha-BHC

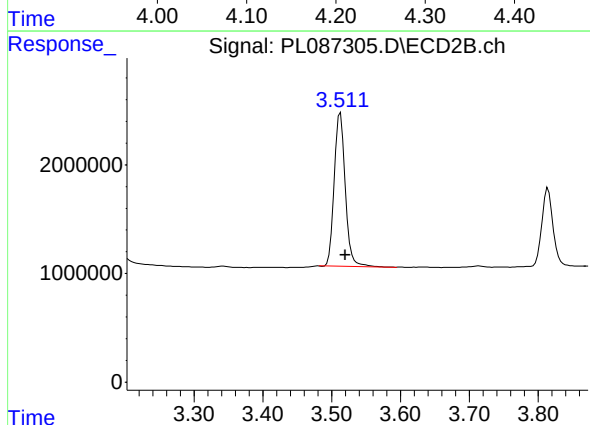
R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 15740931
Conc: 6.40 ng/ml



#3 gamma-BHC (Lindane)

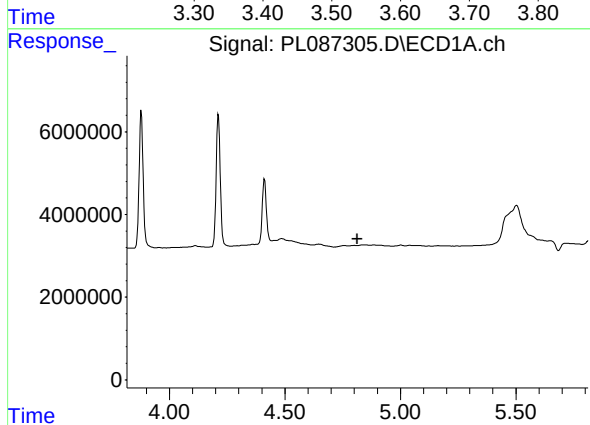
R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 39194875
Conc: 7.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



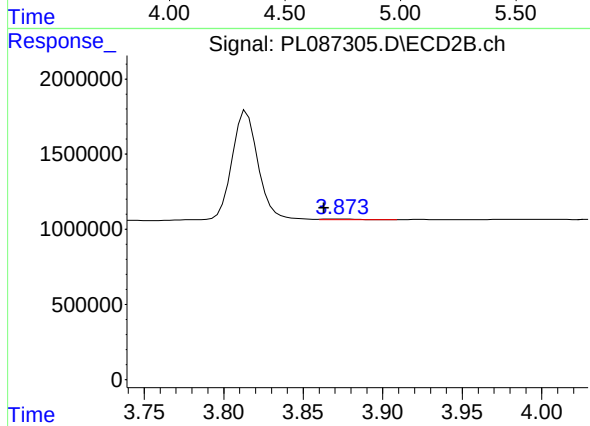
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 15760928
Conc: 6.51 ng/ml



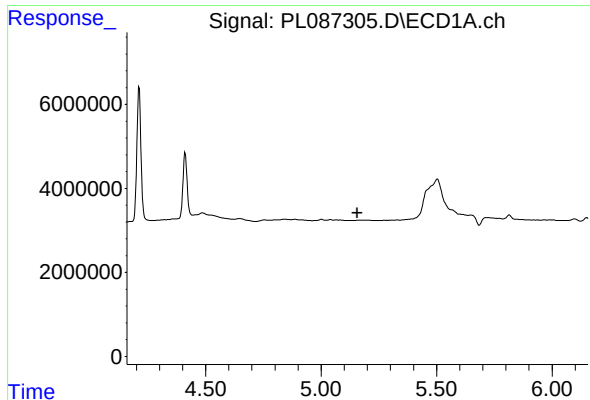
#4 Heptachlor

R.T.: 0.000 min
Exp R.T.: 4.813 min
Response: 0
Conc: N.D.



#4 Heptachlor

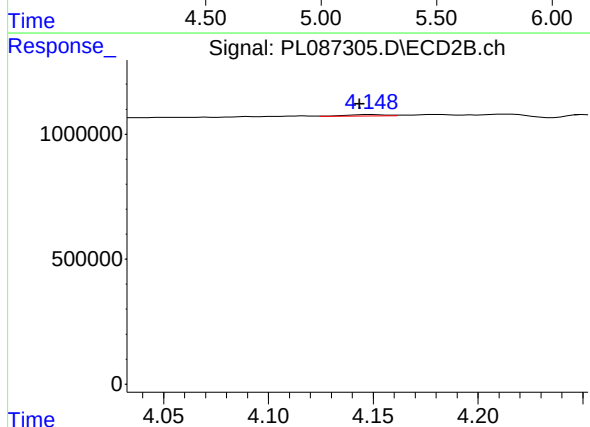
R.T.: 3.874 min
Delta R.T.: 0.011 min
Response: 52508
Conc: 0.02 ng/ml



#5 Aldrin

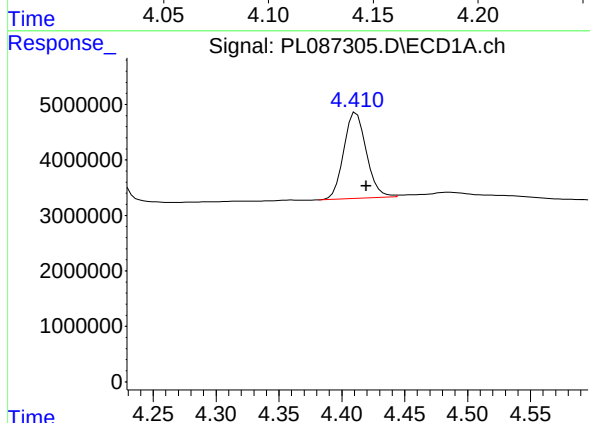
R.T.: 0.000 min
Exp R.T.: 5.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



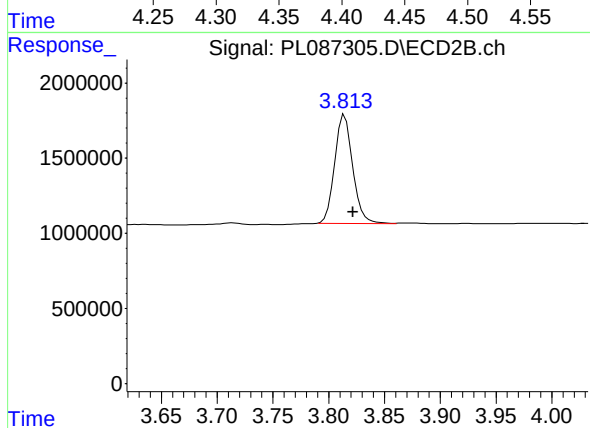
#5 Aldrin

R.T.: 4.149 min
Delta R.T.: 0.006 min
Response: 64001
Conc: 0.03 ng/ml



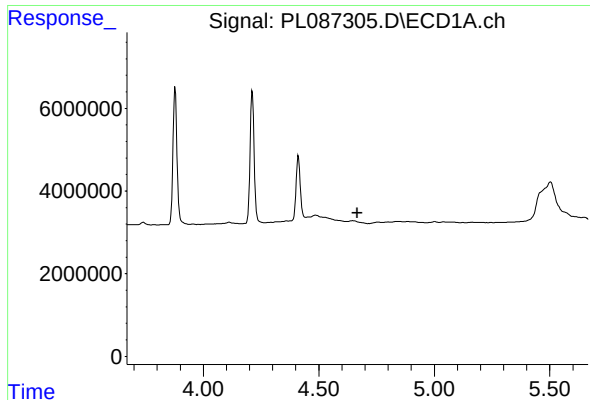
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 19291771
Conc: 8.40 ng/ml



#6 beta-BHC

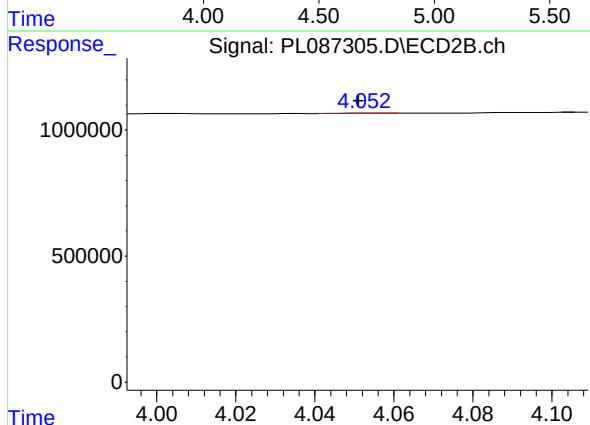
R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 8117491
Conc: 7.80 ng/ml



#7 delta-BHC

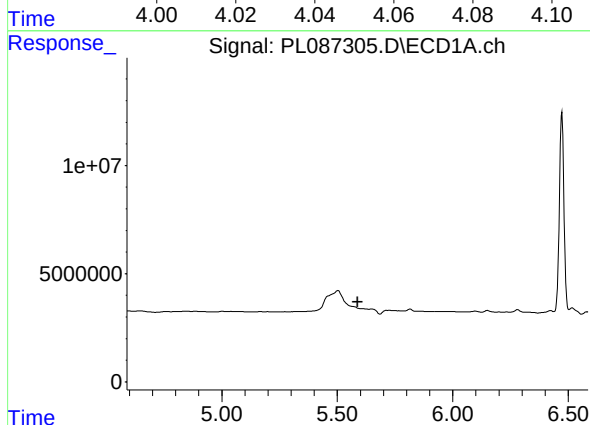
R.T.: 0.000 min
Exp R.T.: 4.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



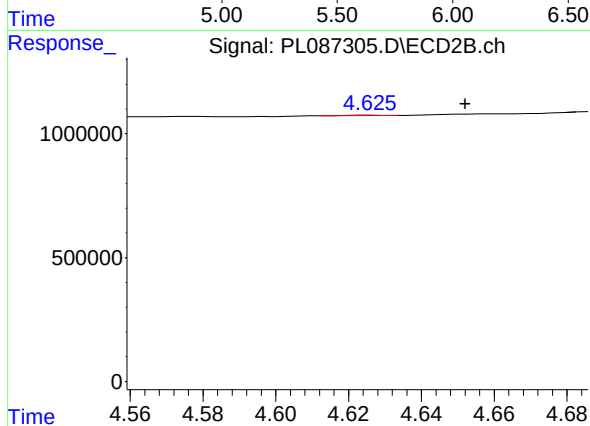
#7 delta-BHC

R.T.: 4.053 min
Delta R.T.: 0.002 min
Response: 5691
Conc: 0.00 ng/ml



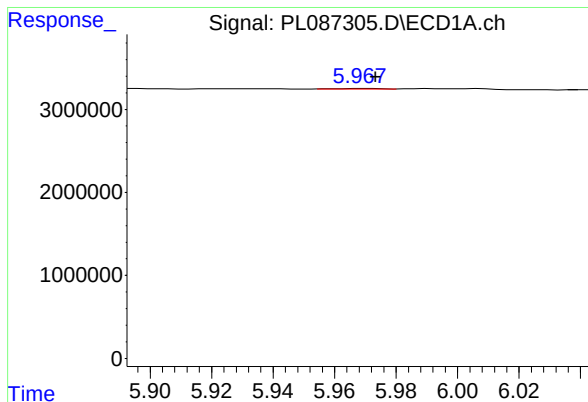
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.587 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

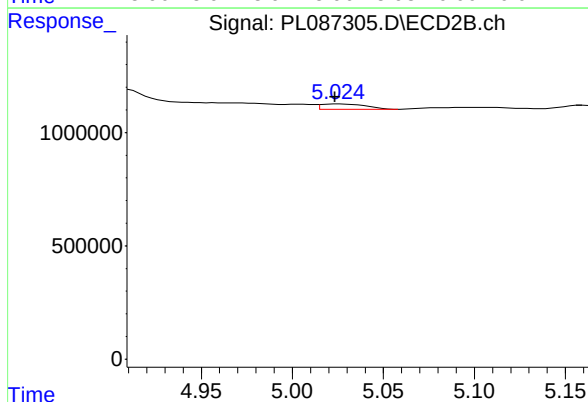
R.T.: 4.626 min
Delta R.T.: -0.026 min
Response: 6132
Conc: 0.00 ng/ml



#9 Endosulfan I

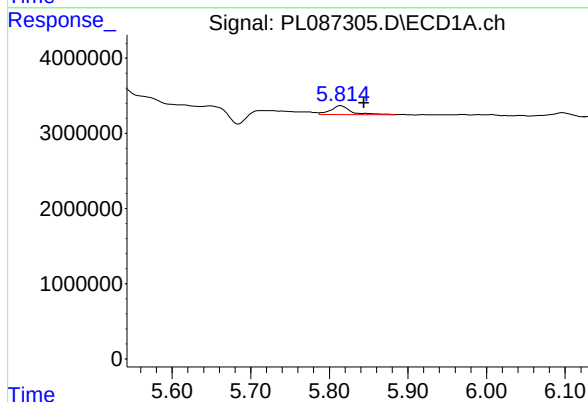
R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 47604
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



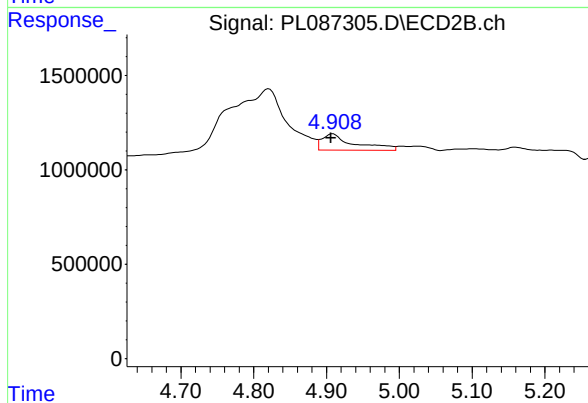
#9 Endosulfan I

R.T.: 5.025 min
Delta R.T.: 0.002 min
Response: 392517
Conc: 0.18 ng/ml



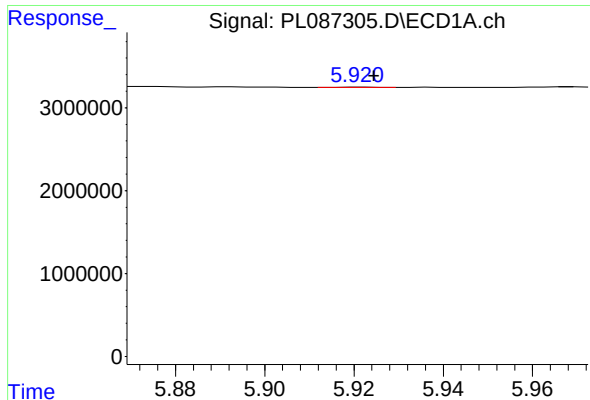
#10 gamma-Chlordane

R.T.: 5.815 min
Delta R.T.: -0.029 min
Response: 2262634
Conc: 0.47 ng/ml



#10 gamma-Chlordane

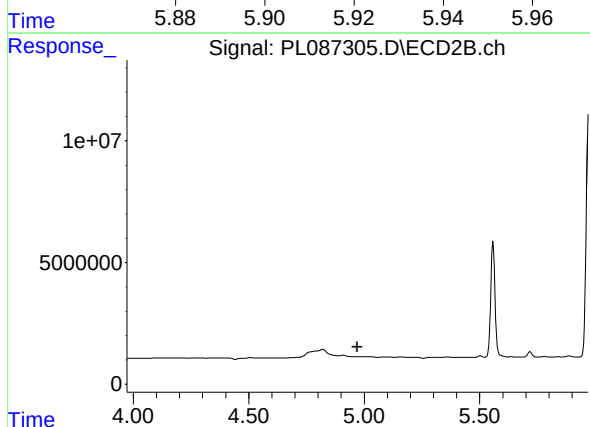
R.T.: 4.909 min
Delta R.T.: 0.003 min
Response: 2700414
Conc: 1.18 ng/ml



#11 alpha-Chlordane

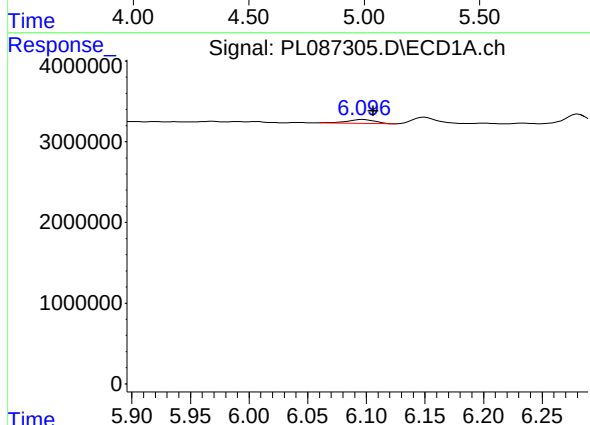
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 22665
Conc: 0.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



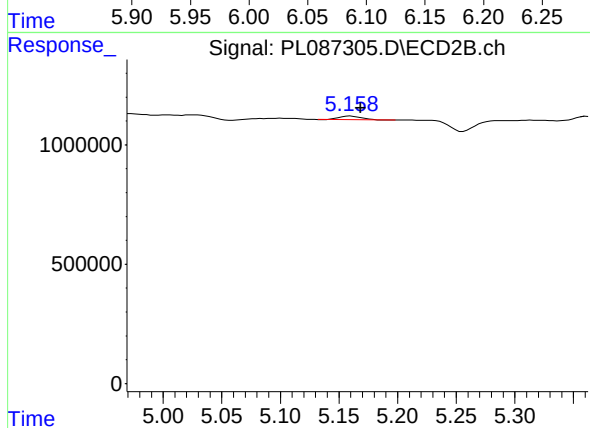
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 4.970 min
Response: 0
Conc: N.D.



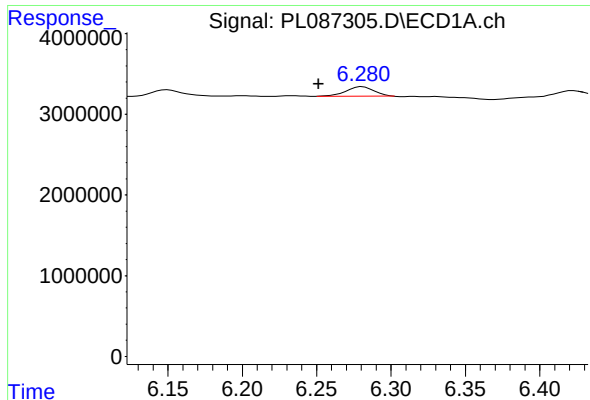
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 793478
Conc: 0.19 ng/ml



#12 4,4'-DDE

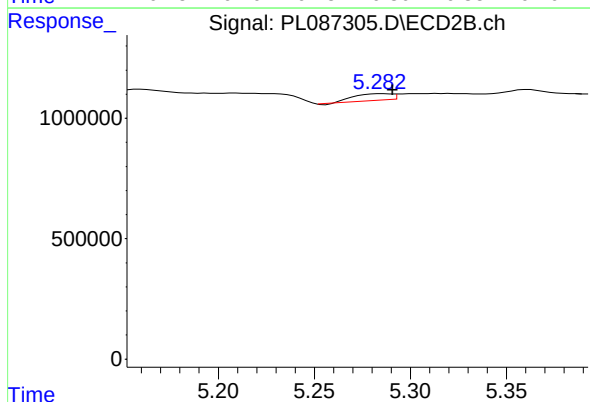
R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 209093
Conc: 0.11 ng/ml



#13 Dieldrin

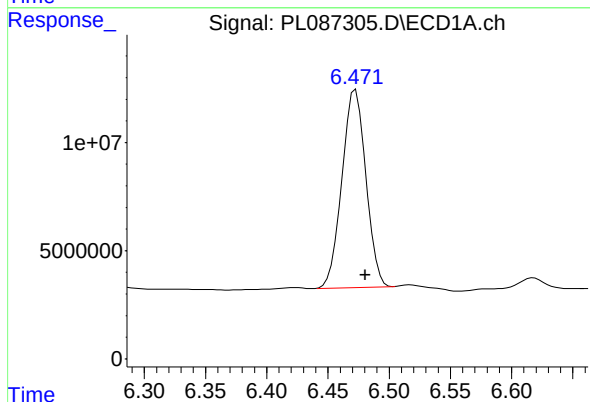
R.T.: 6.281 min
Delta R.T.: 0.029 min
Response: 1564890
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



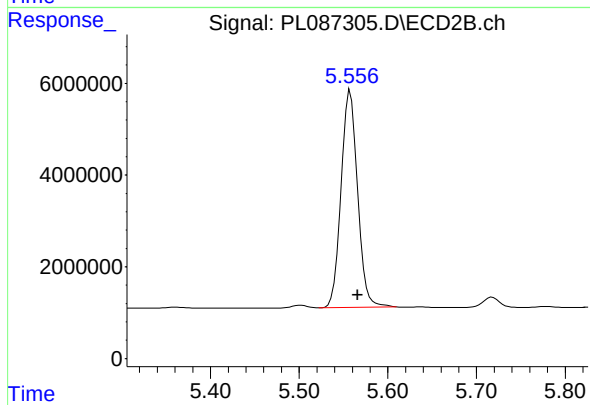
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: -0.005 min
Response: 351824
Conc: 0.16 ng/ml



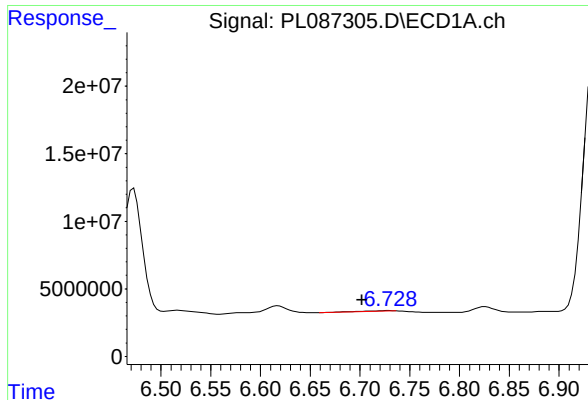
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 124548159
Conc: 32.37 ng/ml



#14 Endrin

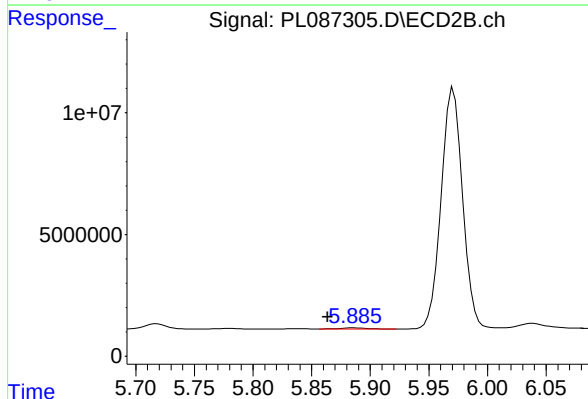
R.T.: 5.558 min
Delta R.T.: -0.008 min
Response: 61258334
Conc: 30.70 ng/ml



#15 Endosulfan II

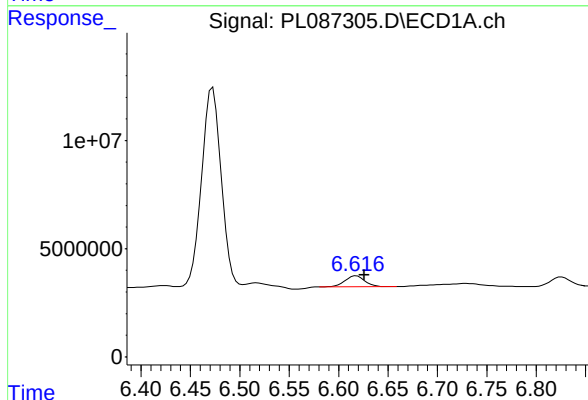
R.T.: 6.729 min
Delta R.T.: 0.027 min
Response: 636325
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



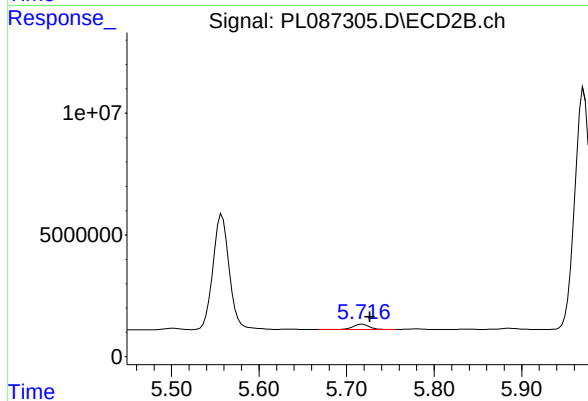
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.022 min
Response: 605787
Conc: 0.31 ng/ml



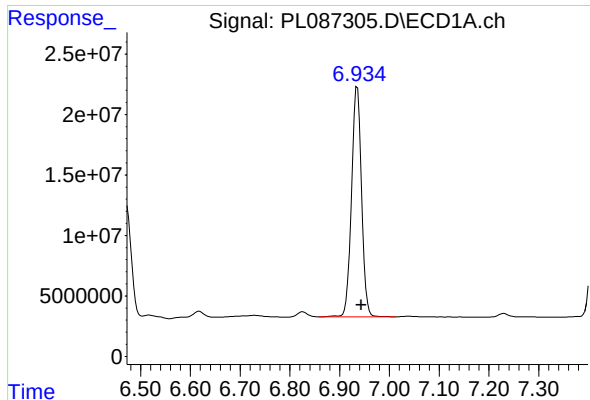
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 6910314
Conc: 2.09 ng/ml



#16 4,4'-DDD

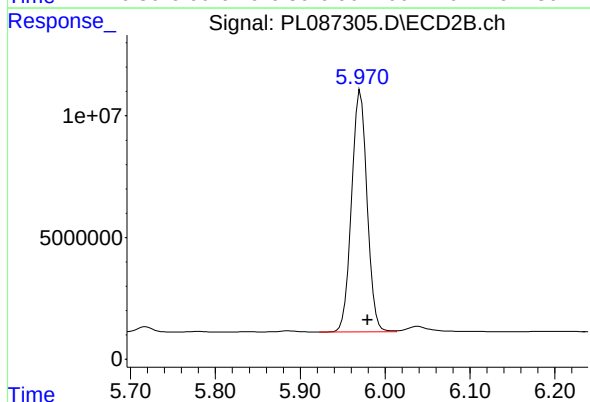
R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 2803280
Conc: 1.69 ng/ml



#17 4,4'-DDT

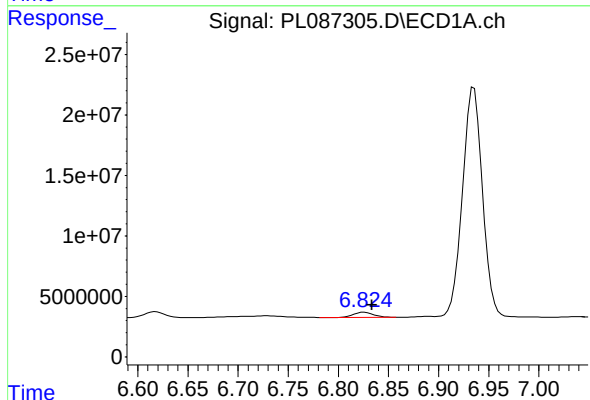
R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 265823277
Conc: 70.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



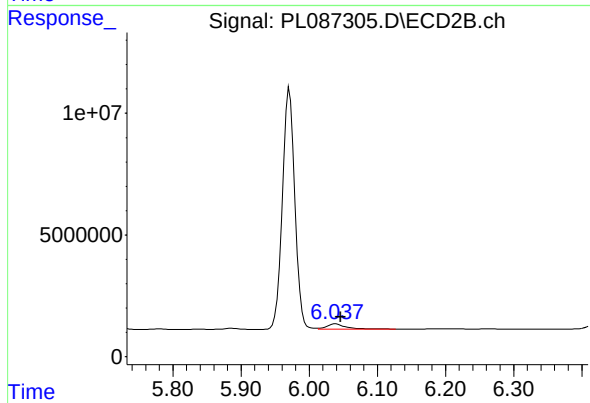
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 126249058
Conc: 68.45 ng/ml



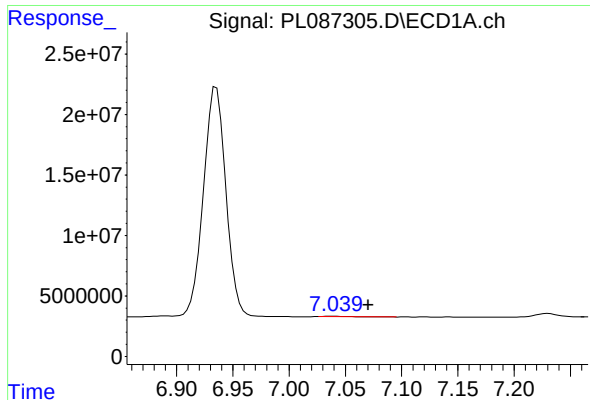
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 6038177
Conc: 2.08 ng/ml



#18 Endrin aldehyde

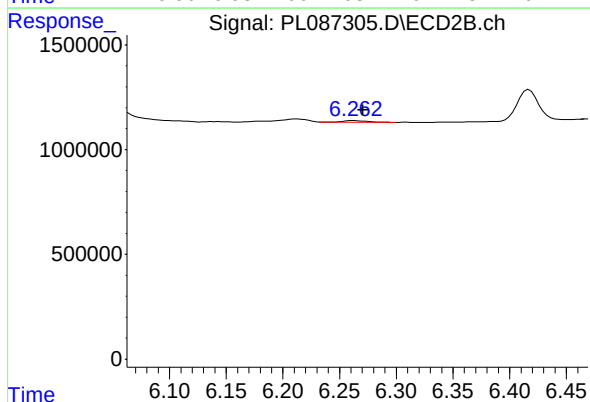
R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 4384137
Conc: 2.99 ng/ml



#19 Endosulfan Sulfate

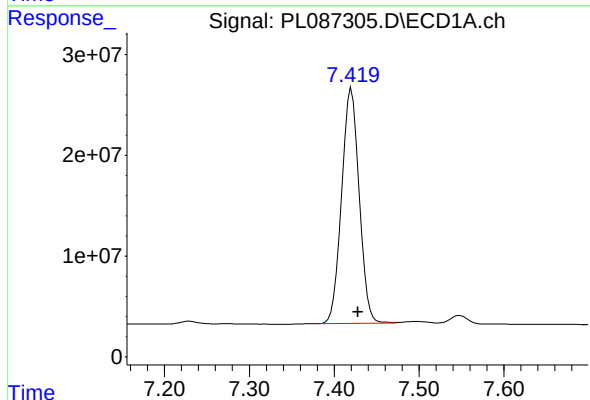
R.T.: 7.040 min
Delta R.T.: -0.030 min
Response: 465067
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



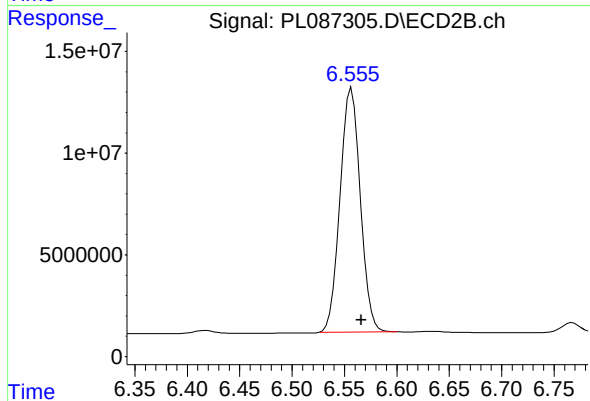
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.007 min
Response: 103485
Conc: 0.05 ng/ml



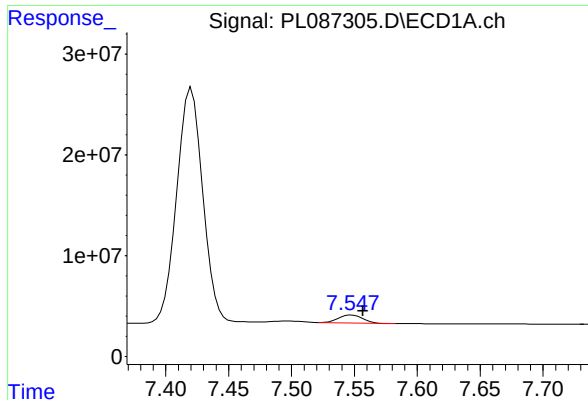
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 336656894
Conc: 172.65 ng/ml



#20 Methoxychlor

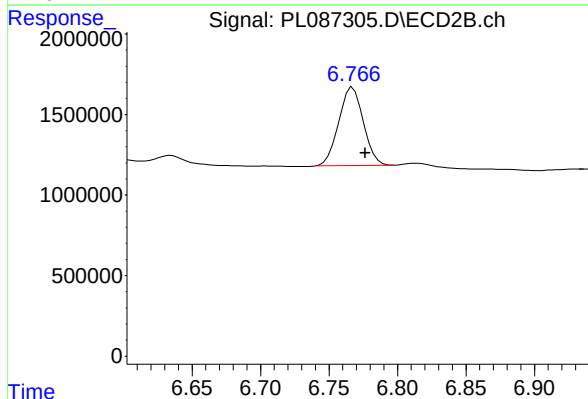
R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 161899105
Conc: 158.51 ng/ml



#21 Endrin ketone

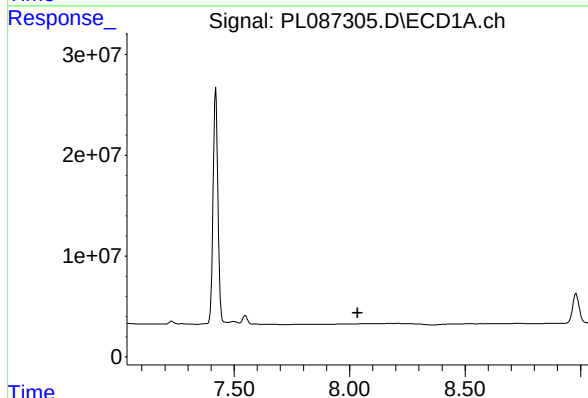
R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 10628368
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



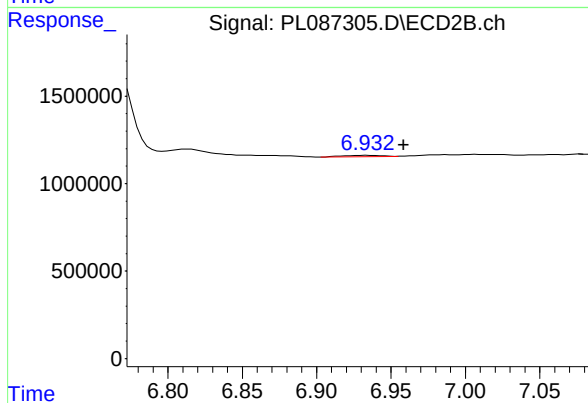
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 6086946
Conc: 2.86 ng/ml



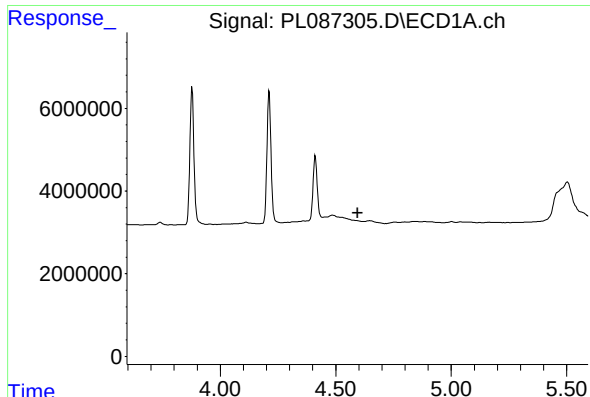
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 8.034 min
Response: 0
Conc: N.D.



#22 Mirex

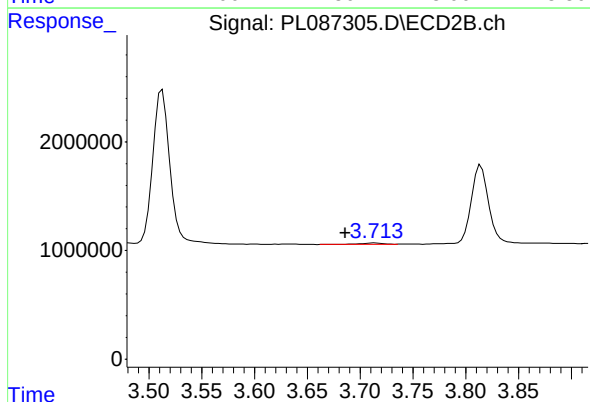
R.T.: 6.934 min
Delta R.T.: -0.024 min
Response: 134152
Conc: 0.08 ng/ml



#23 Chlordane-1

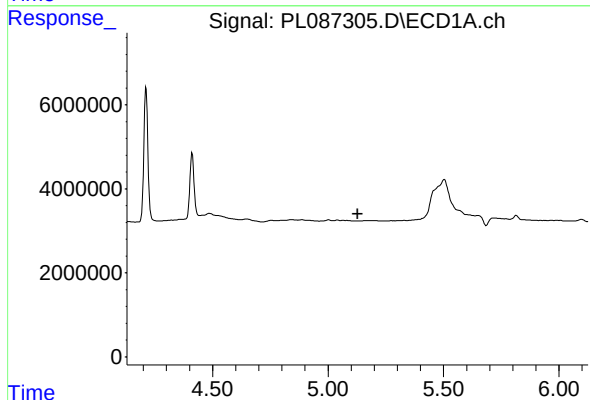
R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



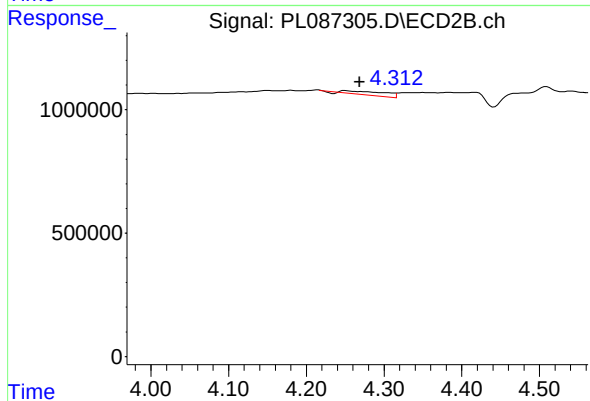
#23 Chlordane-1

R.T.: 3.714 min
Delta R.T.: 0.028 min
Response: 189624
Conc: 3.06 ng/ml



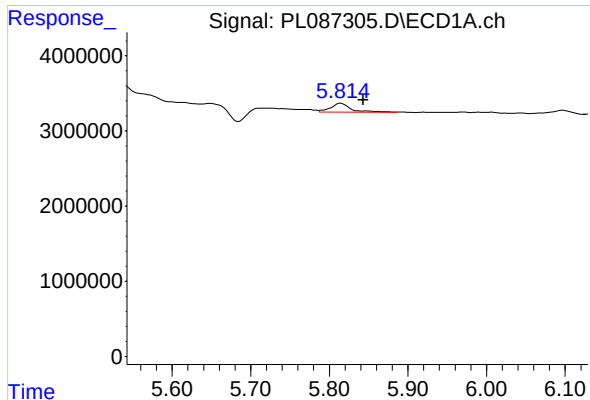
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.



#24 Chlordane-2

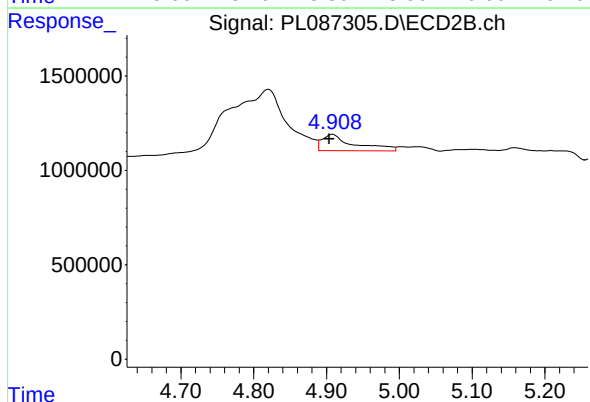
R.T.: 4.250 min
Delta R.T.: -0.018 min
Response: 515027
Conc: 6.71 ng/ml



#25 Chlordane-3

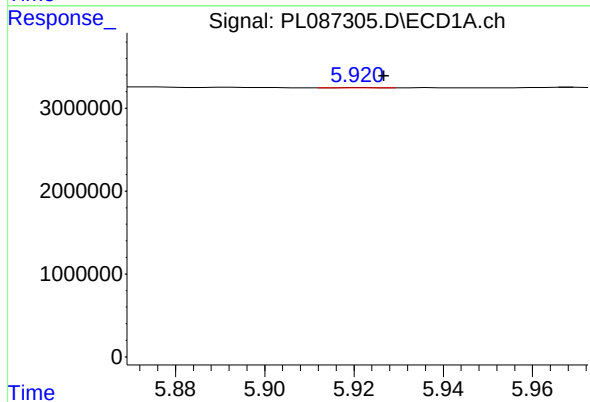
R.T.: 5.815 min
Delta R.T.: -0.028 min
Response: 2262634
Conc: 3.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



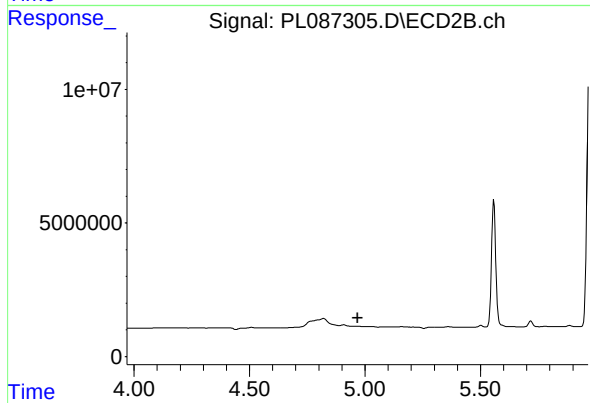
#25 Chlordane-3

R.T.: 4.909 min
Delta R.T.: 0.005 min
Response: 2700414
Conc: 12.22 ng/ml



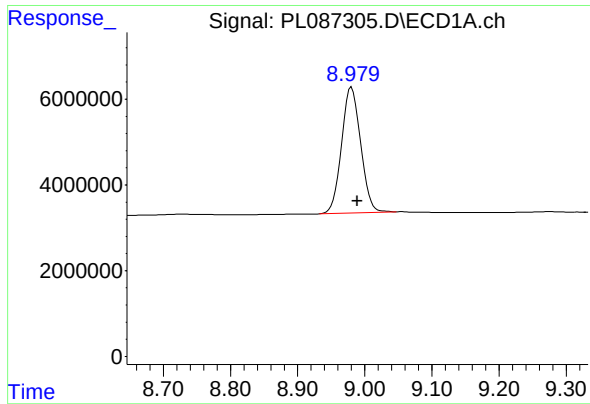
#26 Chlordane-4

R.T.: 5.921 min
Delta R.T.: -0.005 min
Response: 22665
Conc: 0.03 ng/ml



#26 Chlordane-4

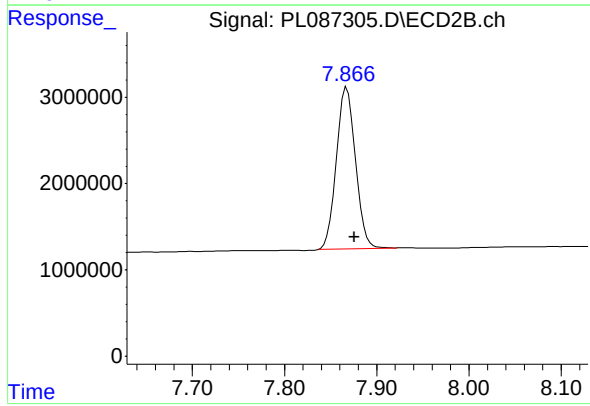
R.T.: 0.000 min
Exp R.T.: 4.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 58016893
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 26919057
Conc: 15.94 ng/ml