

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
 Data File : PL088244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2024 09:22
 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: Feb 23 12:59:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.636	2.854	57583987	29210507	20.965	20.827
28)	SA Decachlor...	9.308	8.087	48789019	30606166	25.333	24.037
Target Compounds							
2)	A alpha-BHC	4.101	3.369	40155351	19825754	9.620	9.648
3)	MA gamma-BHC...	4.439	3.706	39074122	18908605	9.649	9.442
4)	MA Heptachlor	0.000	4.070f	0	62636	N.D.	0.034 #
5)	MB Aldrin	0.000	4.349	0	592731	N.D.	0.306 #
6)	B beta-BHC	4.636	4.007	19885094	9850183	11.418	11.067
7)	B delta-BHC	0.000	4.243	0	412767	N.D.	0.207 #
8)	B Heptachlo...	5.814	4.852	5612246	13463	1.602	0.008 #
9)	A Endosulfan I	0.000	5.221	0	145135	N.D.	0.090 #
10)	B gamma-Chl...	0.000	5.117	0	536060	N.D.	0.301 #
11)	B alpha-Chl...	0.000	5.175	0	232388	N.D.	0.130 #
12)	B 4,4'-DDE	0.000	5.365	0	231457	N.D.	0.146 #
13)	MA Dieldrin	0.000	5.495	0	67395	N.D.	0.039 #
14)	MA Endrin	6.722	5.776	135.2E6	76105379	51.999	50.902
15)	B Endosulfa...	6.956f	6.091f	3946865	532652	1.378	0.350 #
16)	A 4,4'-DDD	6.857	5.927	5213718	1567811	2.010	1.148 #
17)	MA 4,4'-DDT	7.175	6.181	275.8E6	162.3E6	104.913	118.851
18)	B Endrin al...	7.074	6.257	3326312	2655854	1.609	2.432 #
19)	B Endosulfa...	0.000	6.475	0	31339	N.D.	0.022 #
20)	A Methoxychlor	7.656	6.766	367.0E6	209.5E6	277.240	267.292
21)	B Endrin ke...	7.803	6.995	6801947	5367354	2.428	3.206 #
24)	Chlordane-2	0.000	4.469	0	103310	N.D.	1.626 #
25)	Chlordane-3	0.000	5.117	0	536060	N.D.	2.879 #
26)	Chlordane-4	0.000	5.175	0	232388	N.D.	1.344 #
27)	Chlordane-5	7.025	5.854	233883	198789	2.311	3.758 #

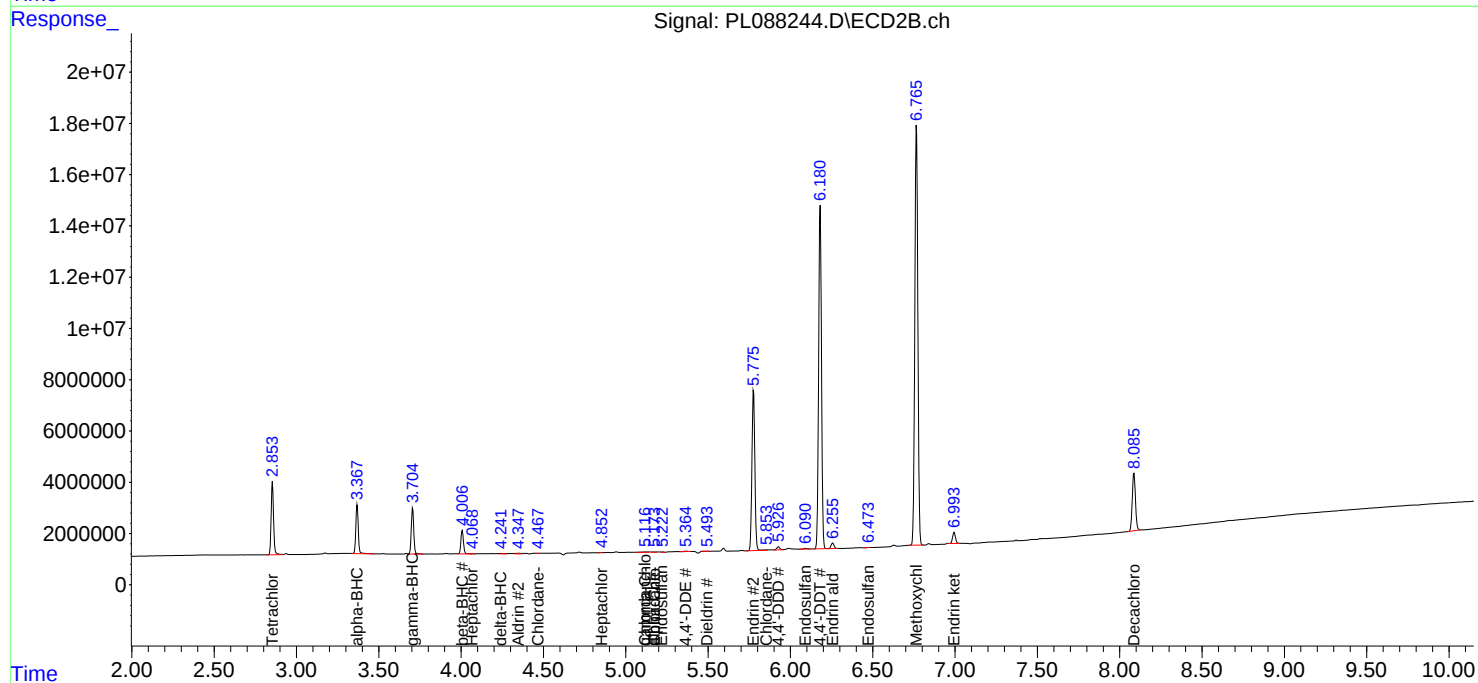
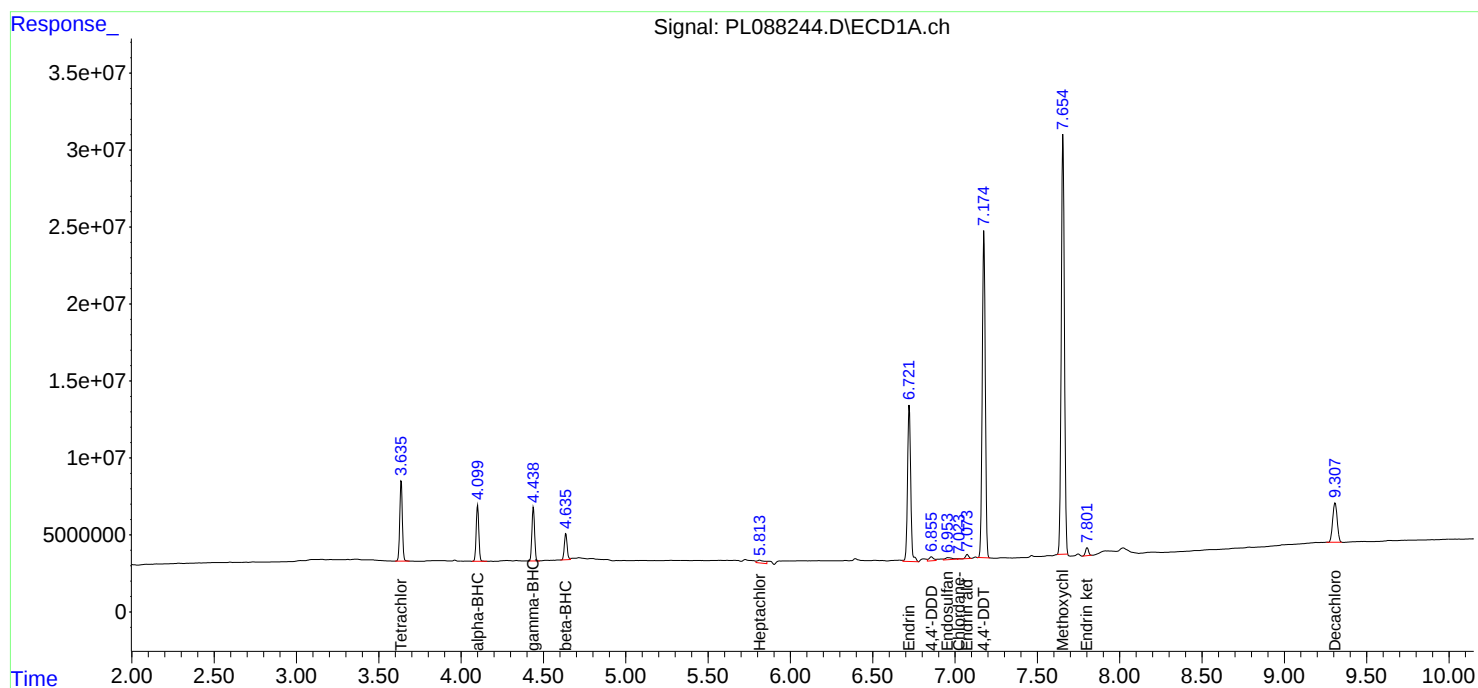
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

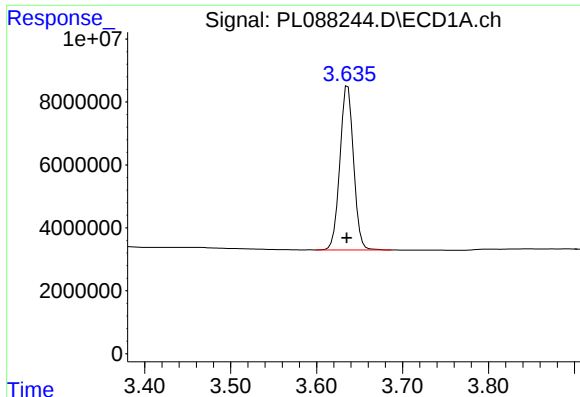
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
Data File : PL088244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Feb 2024 09:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 23 12:59:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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

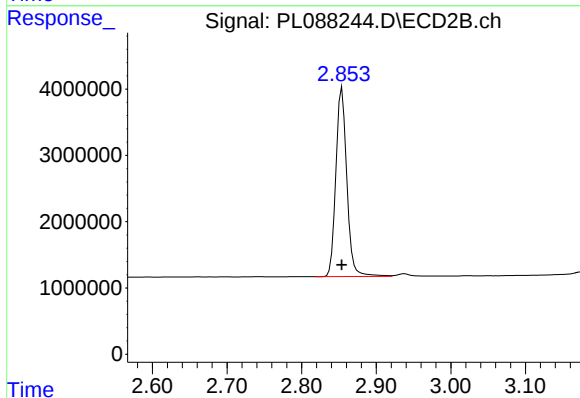




#1 Tetrachloro-m-xylene

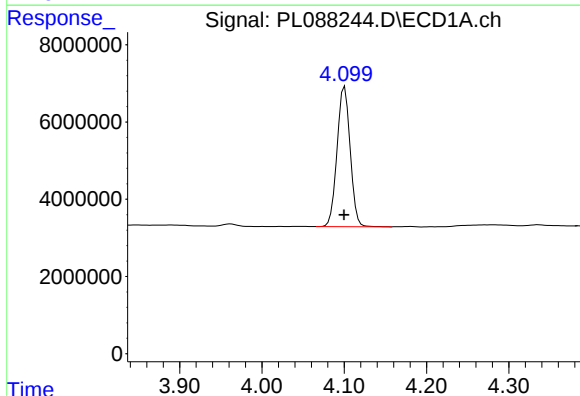
R.T.: 3.636 min
Delta R.T.: 0.001 min
Response: 57583987
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



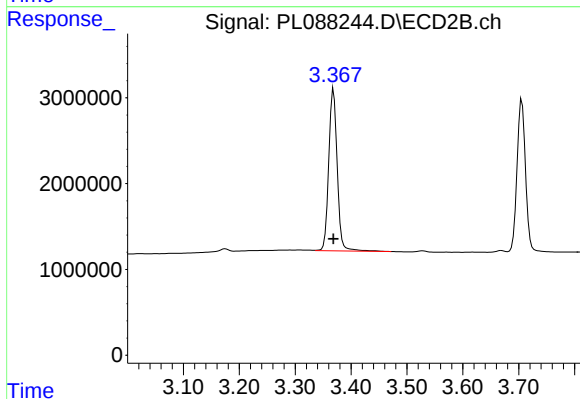
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 29210507
Conc: 20.83 ng/ml



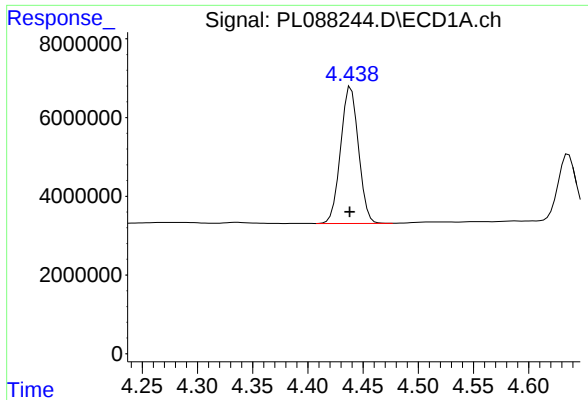
#2 alpha-BHC

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 40155351
Conc: 9.62 ng/ml



#2 alpha-BHC

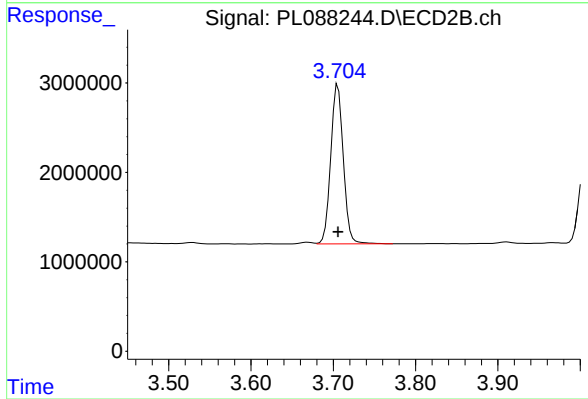
R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 19825754
Conc: 9.65 ng/ml



#3 gamma-BHC (Lindane)

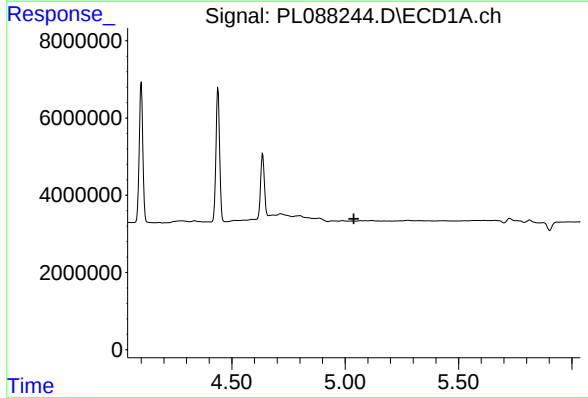
R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 39074122
Conc: 9.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



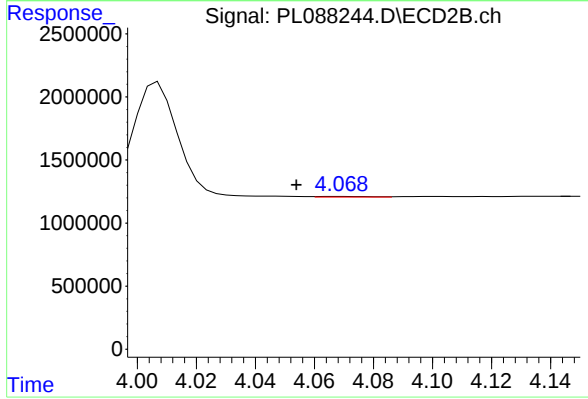
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 18908605
Conc: 9.44 ng/ml



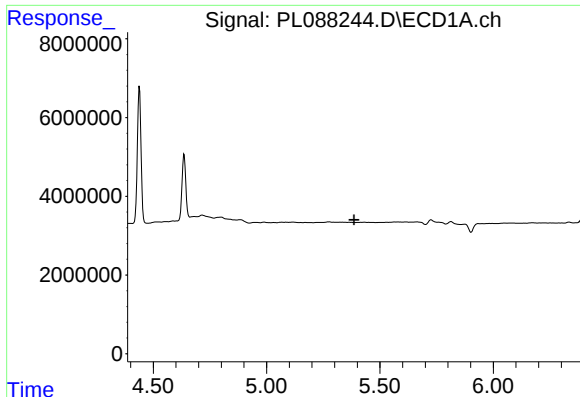
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

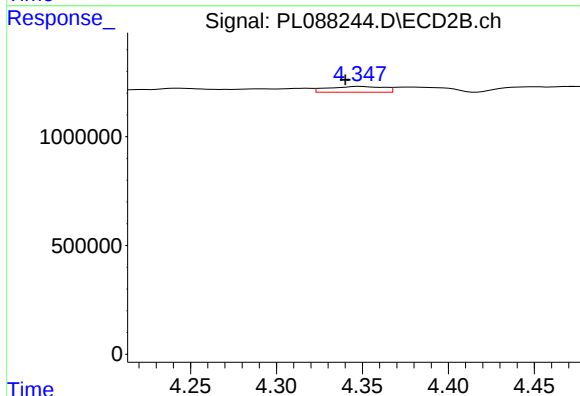
R.T.: 4.070 min
Delta R.T.: 0.016 min
Response: 62636
Conc: 0.03 ng/ml



#5 Aldrin

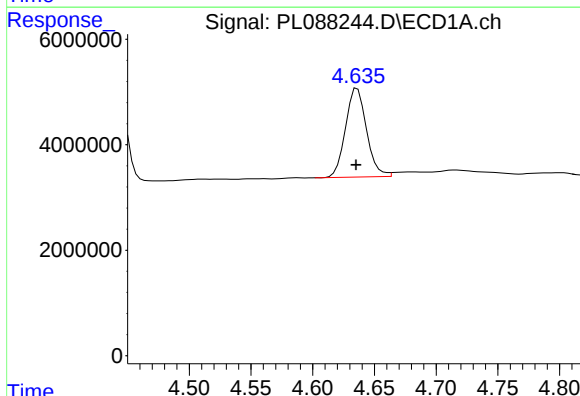
R.T.: 0.000 min
Exp R.T.: 5.386 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



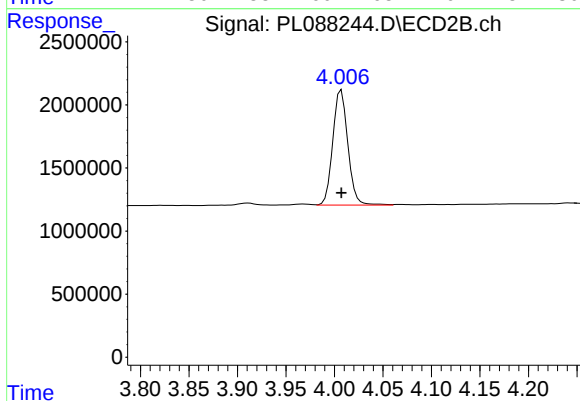
#5 Aldrin

R.T.: 4.349 min
Delta R.T.: 0.009 min
Response: 592731
Conc: 0.31 ng/ml



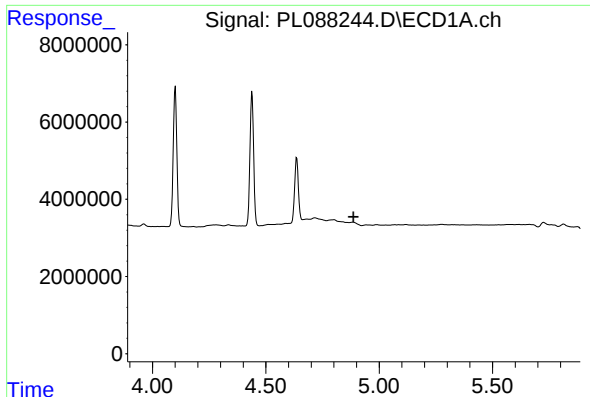
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19885094
Conc: 11.42 ng/ml



#6 beta-BHC

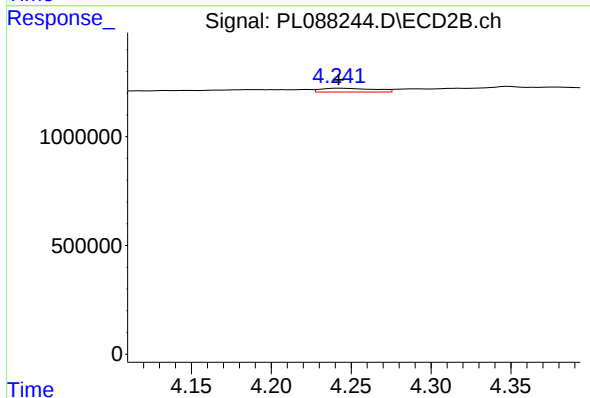
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 9850183
Conc: 11.07 ng/ml



#7 delta-BHC

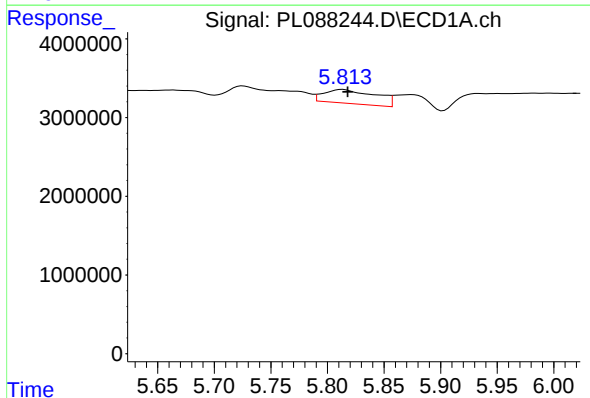
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



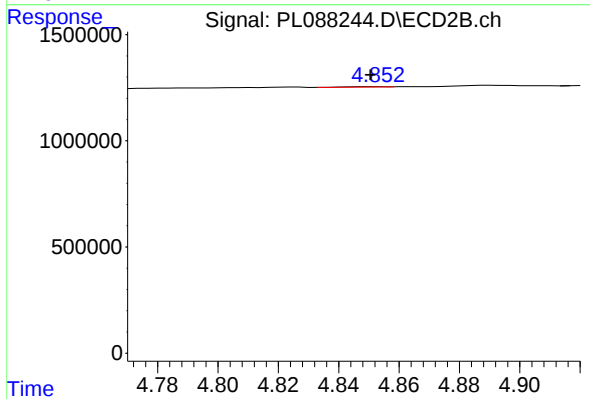
#7 delta-BHC

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 412767
Conc: 0.21 ng/ml



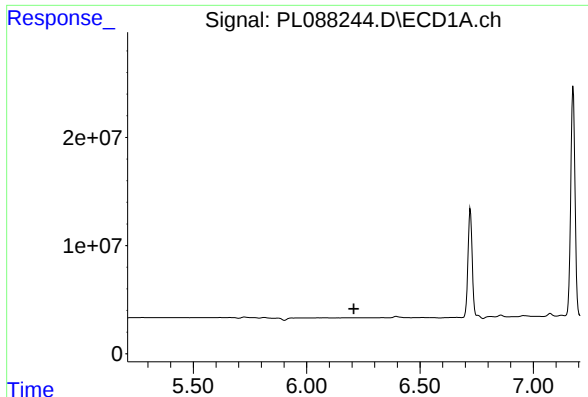
#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.004 min
Response: 5612246
Conc: 1.60 ng/ml



#8 Heptachlor epoxide

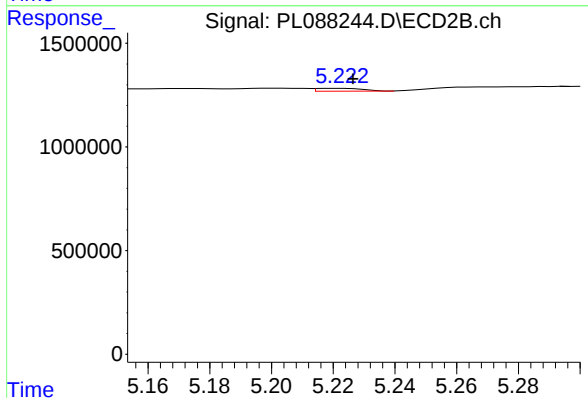
R.T.: 4.852 min
Delta R.T.: 0.001 min
Response: 13463
Conc: 0.01 ng/ml



#9 Endosulfan I

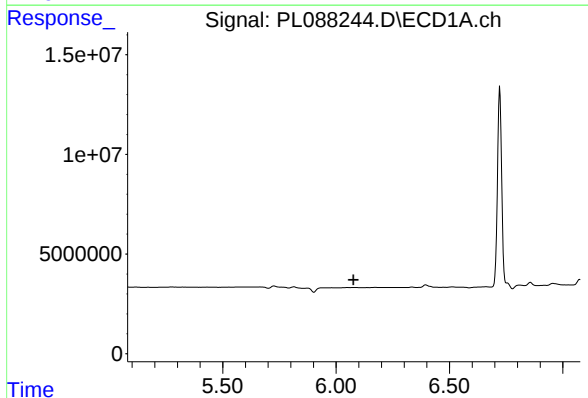
R.T.: 0.000 min
Exp R.T.: 6.209 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



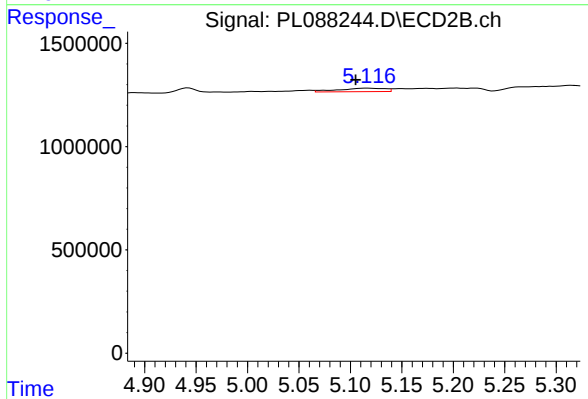
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 145135
Conc: 0.09 ng/ml



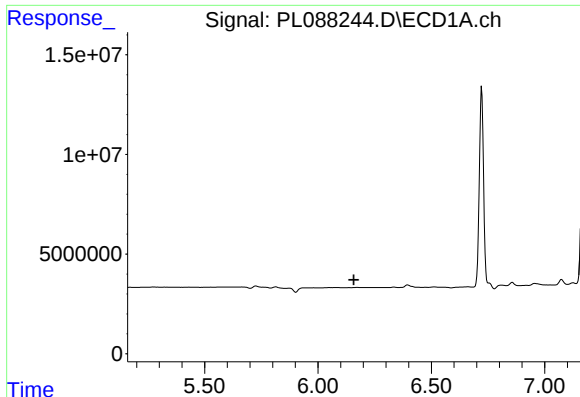
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

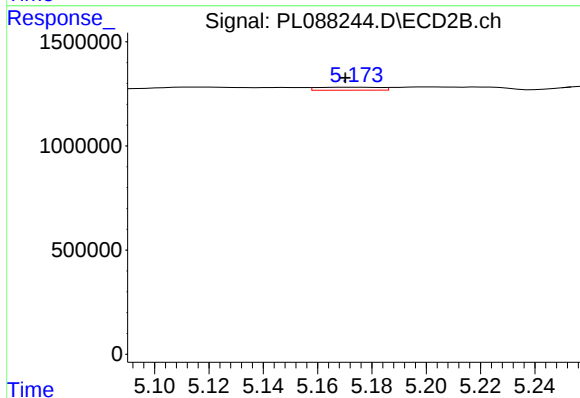
R.T.: 5.117 min
Delta R.T.: 0.012 min
Response: 536060
Conc: 0.30 ng/ml



#11 alpha-Chlordane

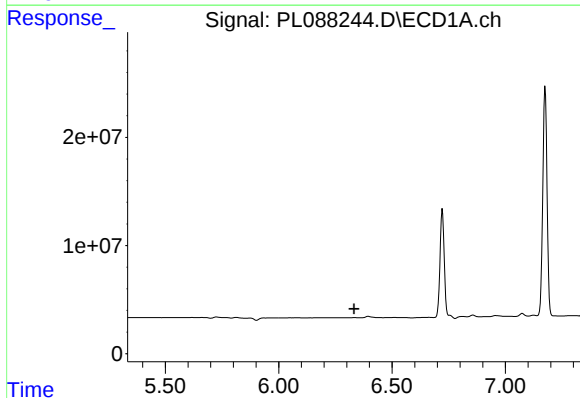
R.T.: 0.000 min
Exp R.T.: 6.158 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



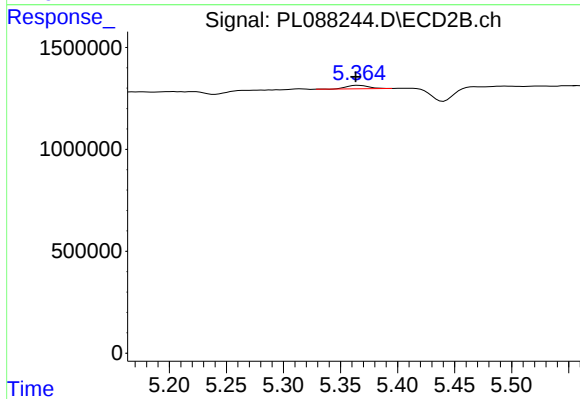
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.005 min
Response: 232388
Conc: 0.13 ng/ml



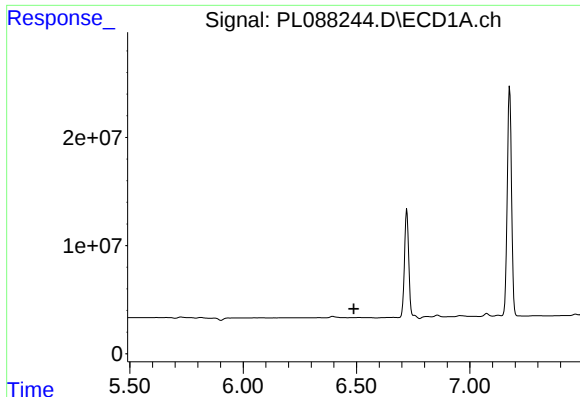
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 6.332 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

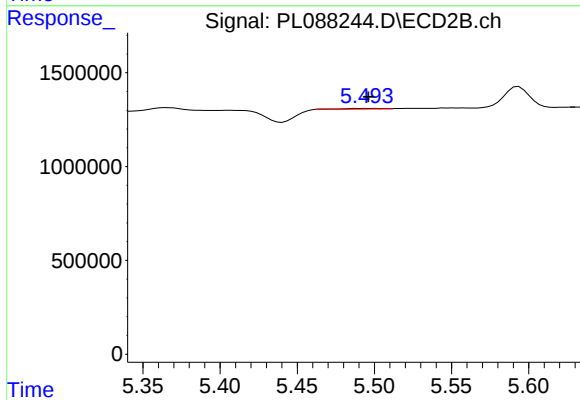
R.T.: 5.365 min
Delta R.T.: 0.002 min
Response: 231457
Conc: 0.15 ng/ml



#13 Dieldrin

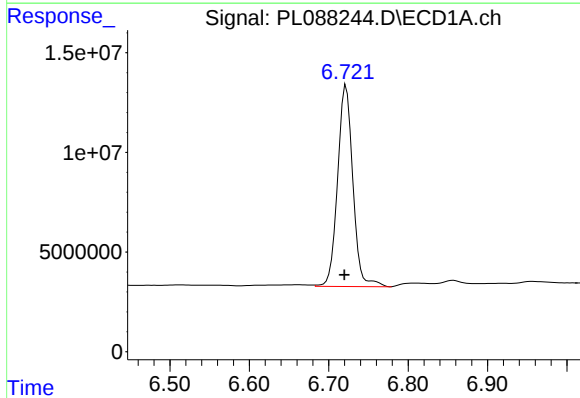
R.T.: 0.000 min
Exp R.T.: 6.488 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



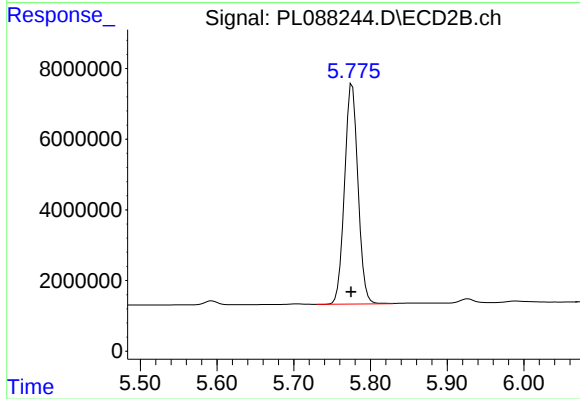
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 67395
Conc: 0.04 ng/ml



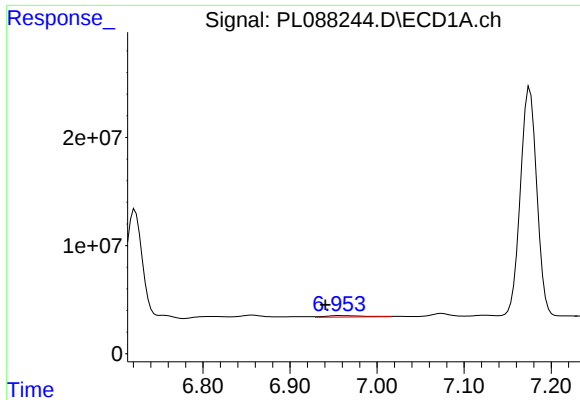
#14 Endrin

R.T.: 6.722 min
Delta R.T.: 0.002 min
Response: 135230177
Conc: 52.00 ng/ml



#14 Endrin

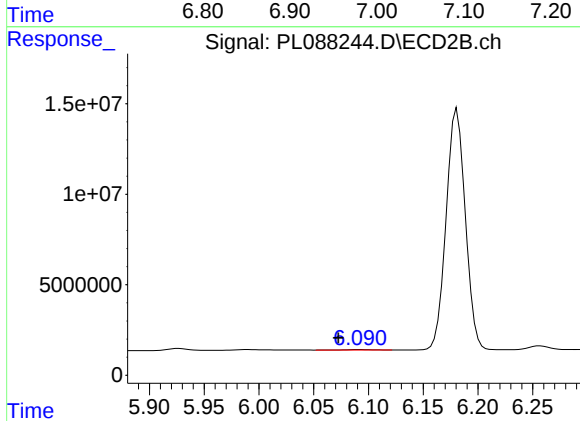
R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 76105379
Conc: 50.90 ng/ml



#15 Endosulfan II

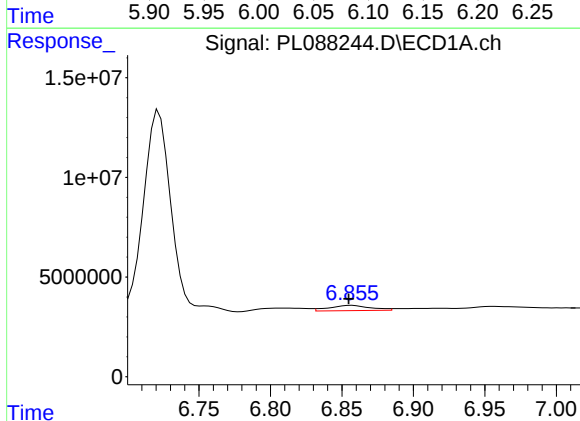
R.T.: 6.956 min
Delta R.T.: 0.015 min
Response: 3946865
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



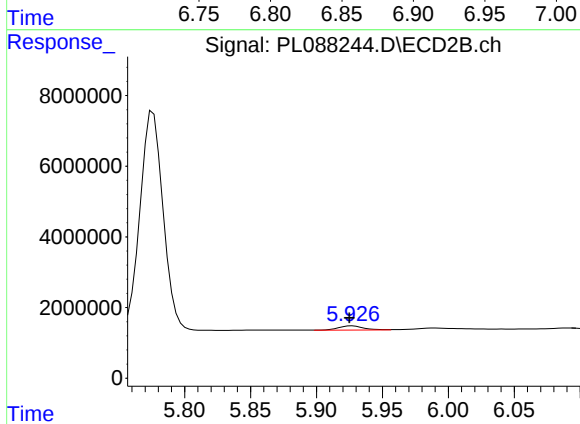
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: 0.019 min
Response: 532652
Conc: 0.35 ng/ml



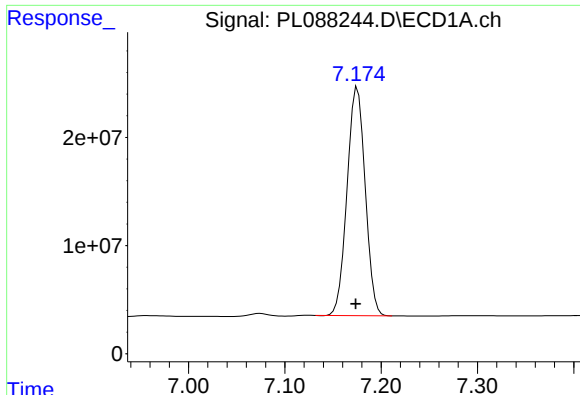
#16 4,4'-DDD

R.T.: 6.857 min
Delta R.T.: 0.002 min
Response: 5213718
Conc: 2.01 ng/ml



#16 4,4'-DDD

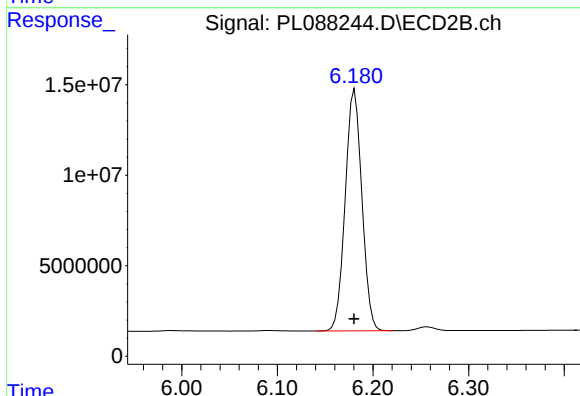
R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 1567811
Conc: 1.15 ng/ml



#17 4,4'-DDT

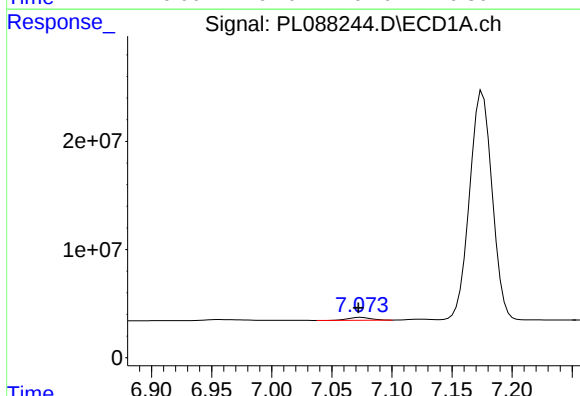
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 275838465
Conc: 104.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



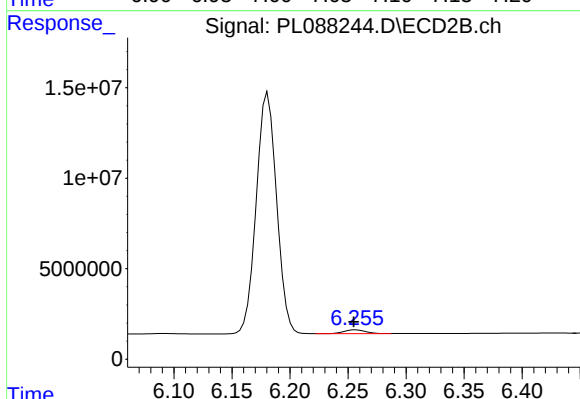
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 162259533
Conc: 118.85 ng/ml



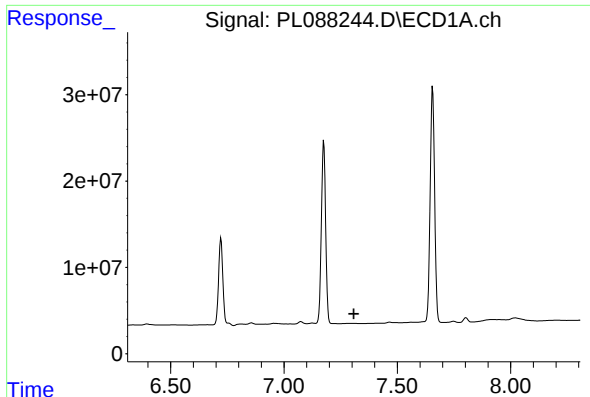
#18 Endrin aldehyde

R.T.: 7.074 min
Delta R.T.: 0.002 min
Response: 3326312
Conc: 1.61 ng/ml



#18 Endrin aldehyde

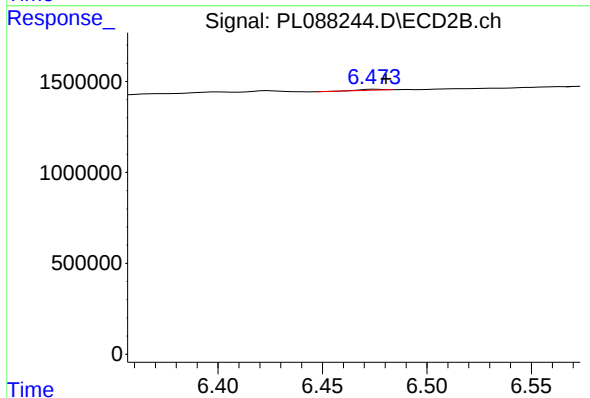
R.T.: 6.257 min
Delta R.T.: 0.002 min
Response: 2655854
Conc: 2.43 ng/ml



#19 Endosulfan Sulfate

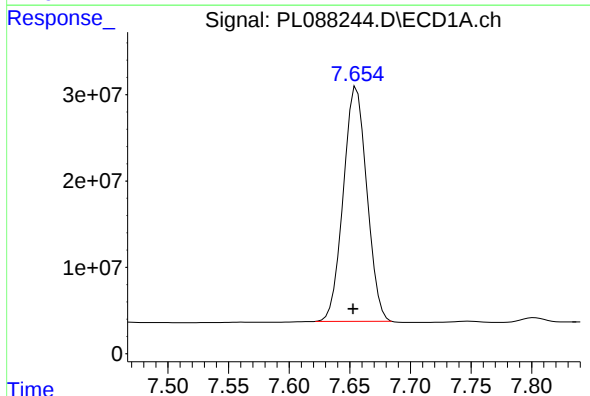
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



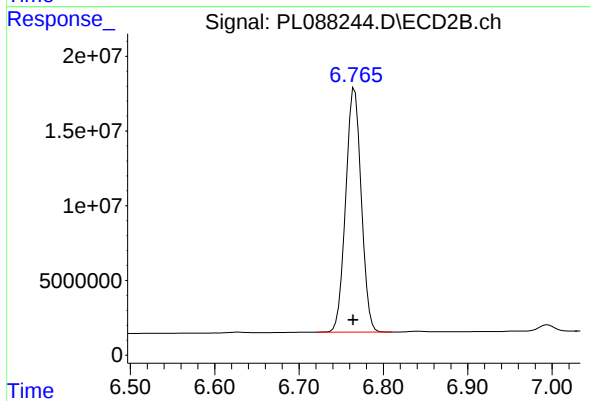
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.005 min
Response: 31339
Conc: 0.02 ng/ml



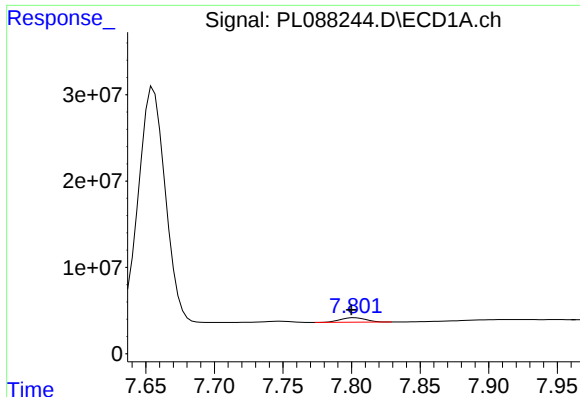
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 366985237
Conc: 277.24 ng/ml



#20 Methoxychlor

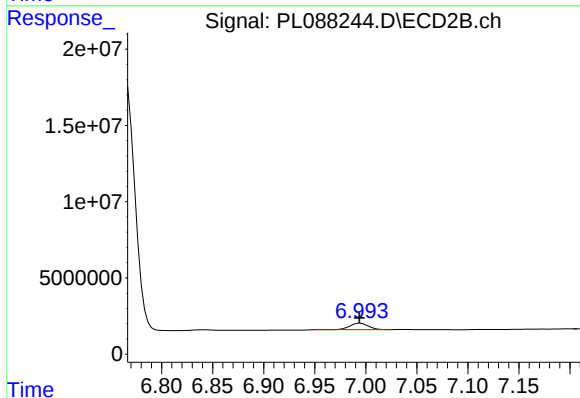
R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 209492084
Conc: 267.29 ng/ml



#21 Endrin ketone

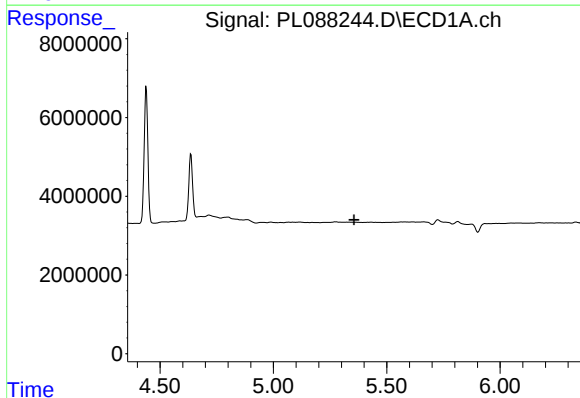
R.T.: 7.803 min
Delta R.T.: 0.003 min
Response: 6801947
Conc: 2.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



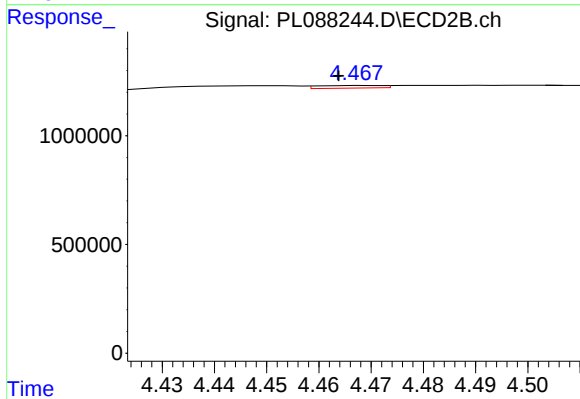
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: 0.001 min
Response: 5367354
Conc: 3.21 ng/ml



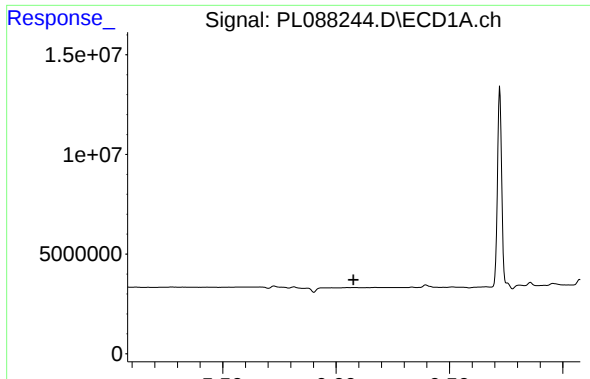
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.357 min
Response: 0
Conc: N.D.



#24 Chlordane-2

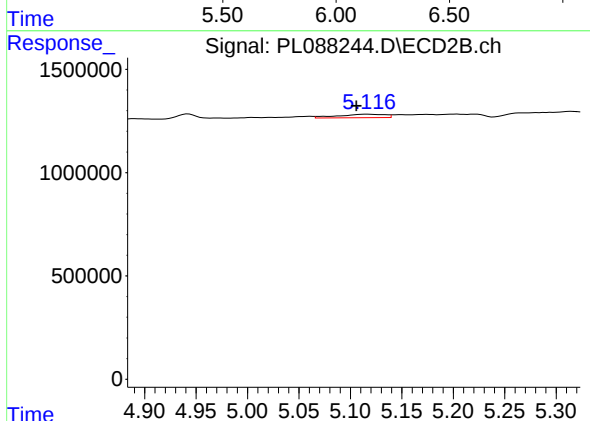
R.T.: 4.469 min
Delta R.T.: 0.005 min
Response: 103310
Conc: 1.63 ng/ml



#25 Chlordane-3

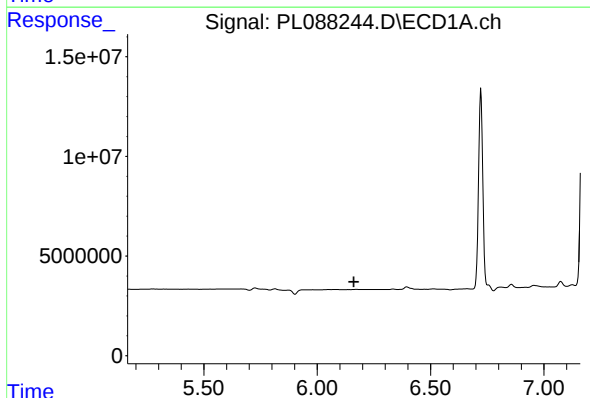
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



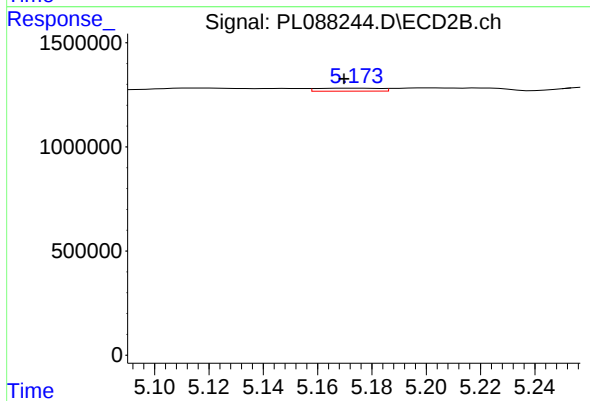
#25 Chlordane-3

R.T.: 5.117 min
Delta R.T.: 0.011 min
Response: 536060
Conc: 2.88 ng/ml



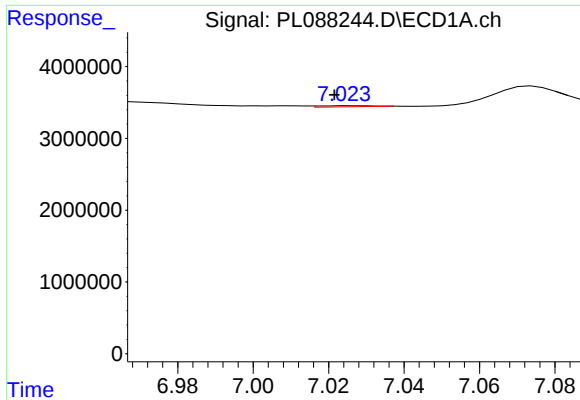
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 6.162 min
Response: 0
Conc: N.D.



#26 Chlordane-4

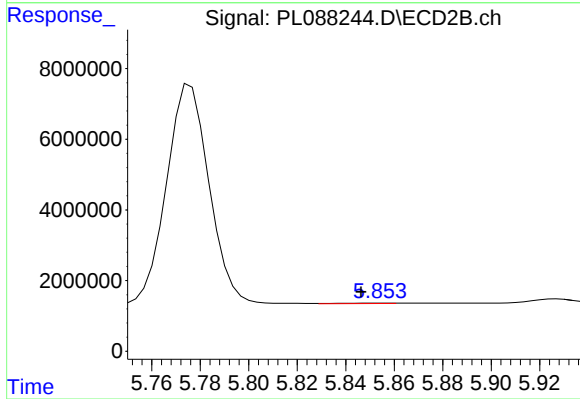
R.T.: 5.175 min
Delta R.T.: 0.005 min
Response: 232388
Conc: 1.34 ng/ml



#27 Chlordane-5

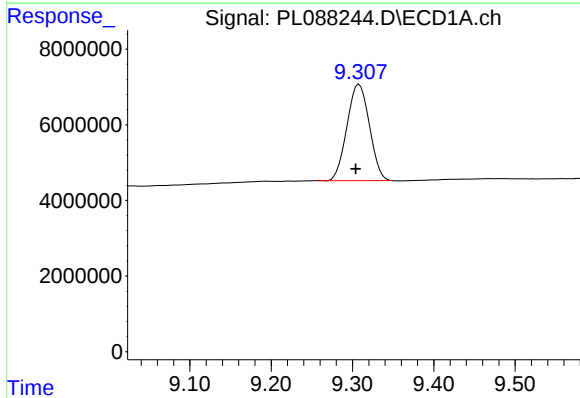
R.T.: 7.025 min
Delta R.T.: 0.004 min
Response: 233883
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



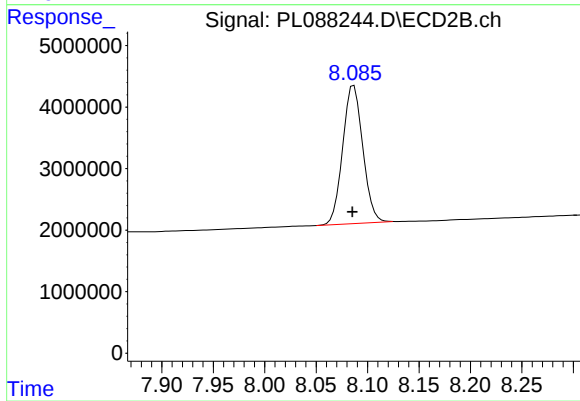
#27 Chlordane-5

R.T.: 5.854 min
Delta R.T.: 0.008 min
Response: 198789
Conc: 3.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.005 min
Response: 48789019
Conc: 25.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 30606166
Conc: 24.04 ng/ml