

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062524\
 Data File : PL090341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2024 09:12
 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: Jun 26 01:14:01 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...	3.548	2.791	45527607	31391913	20.060	19.846
28)	SA Decachlor...	9.065	7.938	33709154	31113340	21.858	20.858
Target Compounds							
2)	A alpha-BHC	4.003	3.295	34165119	21278382	10.893	9.518
3)	MA gamma-BHC...	4.335	3.626	32784947	20798350	10.906	9.728
4)	MA Heptachlor	0.000	3.986f	0	82438	N.D.	0.040 #
5)	MB Aldrin	5.272	4.259	2799421	854271	1.023	0.432 #
6)	B beta-BHC	4.531	3.924	15893877	10876815	11.800	11.267
7)	B delta-BHC	4.771	4.151	3819044	364596	1.354	0.180 #
8)	B Heptachlo...	5.689	4.751	10169739	46723	3.988	0.025 #
9)	A Endosulfan I	6.055f	5.103f	4237189	652101	1.799	0.377 #
10)	B gamma-Chl...	5.922f	5.007	11531817	884993	4.564	0.462 #
11)	B alpha-Chl...	6.018	5.041f	5180310	409828	2.077	0.214 #
12)	B 4,4'-DDE	6.201	5.255	1217805	260561	0.558	0.157 #
13)	MA Dieldrin	6.377f	5.389	563686	22887	0.231	0.012 #
14)	MA Endrin	6.583	5.661	97913964	78467564	46.179	47.454
15)	B Endosulfa...	6.821f	5.969f	5061249	581025	2.289	0.354 #
16)	A 4,4'-DDD	6.717	5.808	8376731	2474840	4.572	1.806 #
17)	MA 4,4'-DDT	7.031	6.059	170.0E6	156.3E6	88.599	105.586
18)	B Endrin al...	6.932	6.134	4189309	2691565	2.481	2.114
19)	B Endosulfa...	0.000	6.343	0	220723	N.D.	0.141 #
20)	A Methoxychlor	7.507	6.635	222.1E6	200.4E6	215.519	240.185
21)	B Endrin ke...	7.650	6.862	7158582	5054245	3.300	2.823
22)	Mirex	8.141f	7.033	622372	141214	0.358	0.092 #
23)	Chlordane-1	4.729f	3.803	132482	146783	1.349	2.411 #
24)	Chlordane-2	5.228	4.381	3062383	2436193	25.817	34.475 #
25)	Chlordane-3	5.922f	5.007	11531817	884993	31.366	4.383 #
26)	Chlordane-4	6.018	5.041f	5180310	409828	11.612	2.147 #
27)	Chlordane-5	6.886	5.753f	1208167	554894	13.414	9.187 #

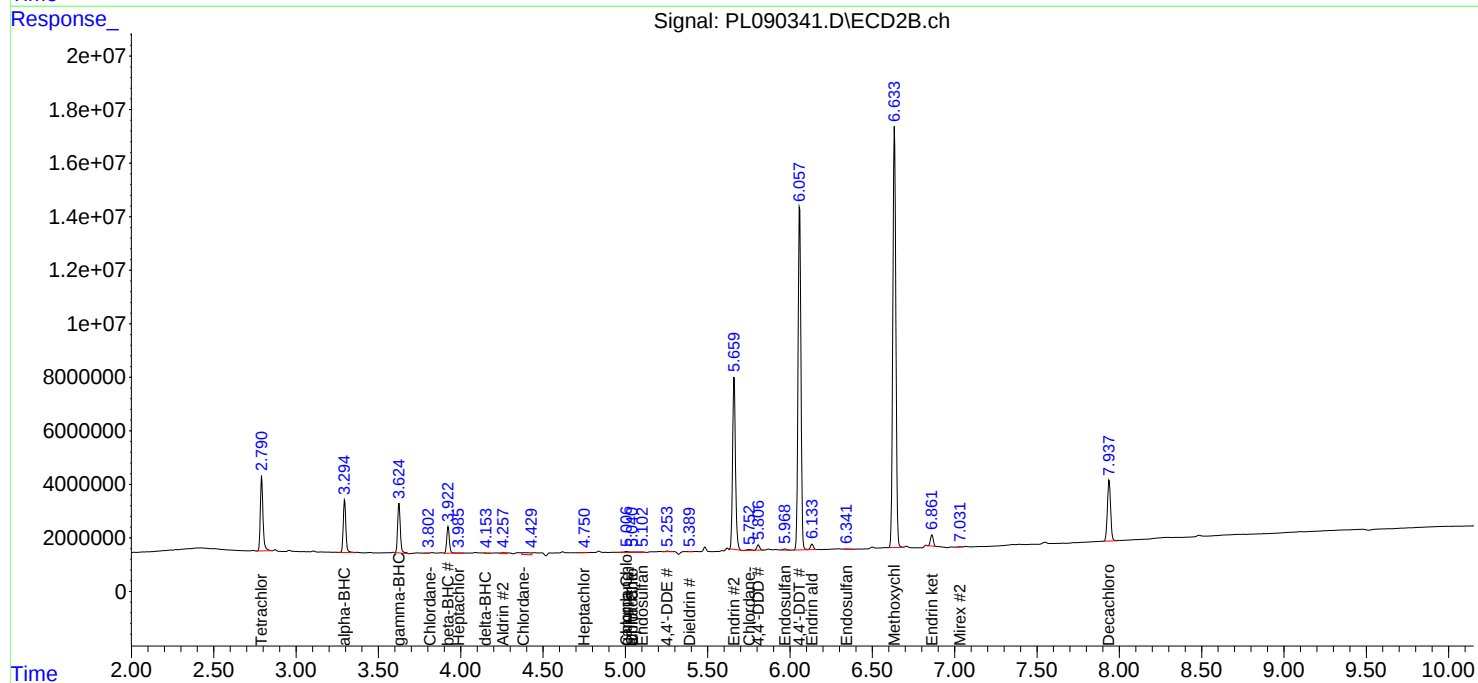
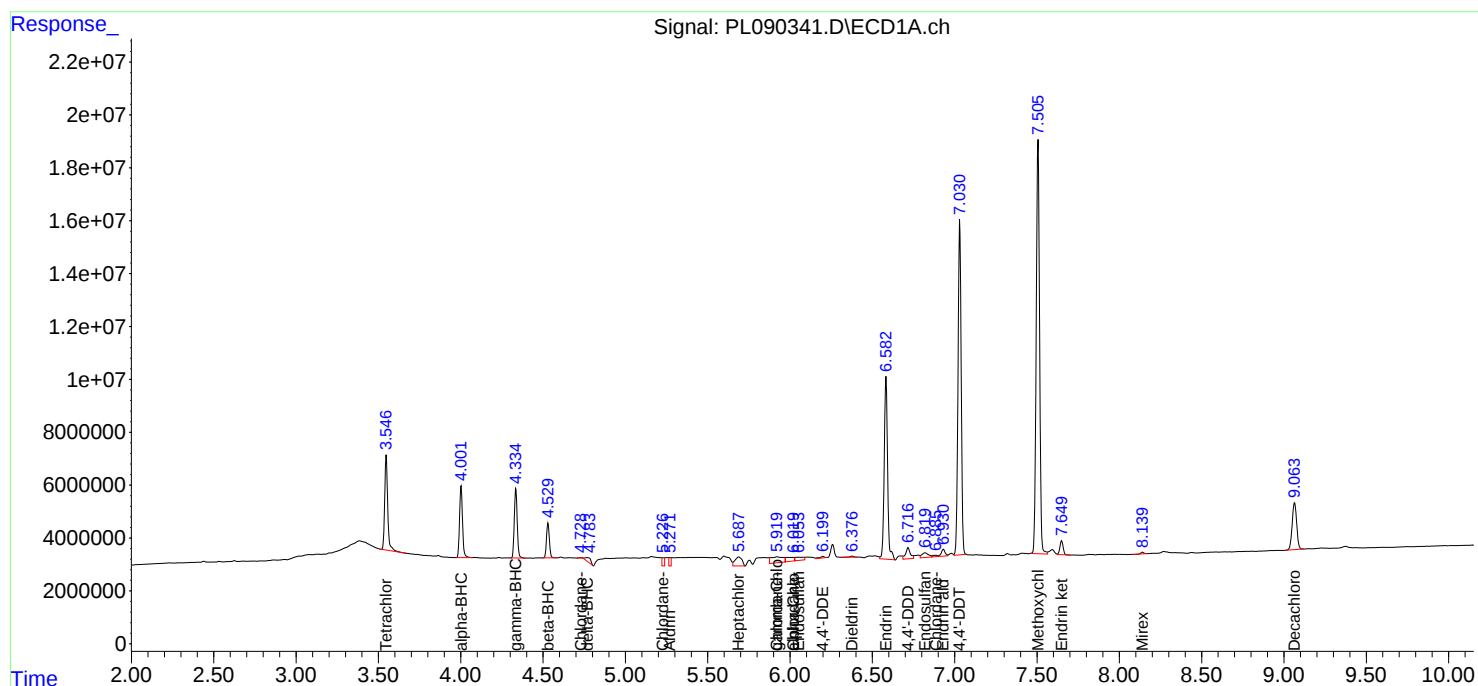
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

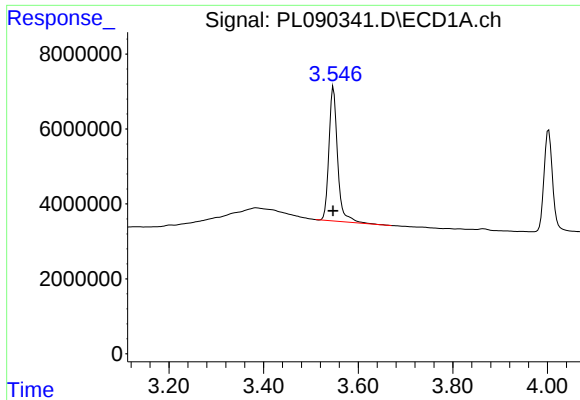
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062524\
Data File : PL090341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2024 09:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:14:01 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

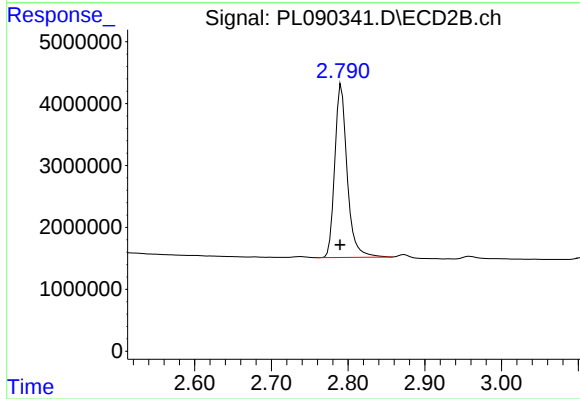




#1 Tetrachloro-m-xylene

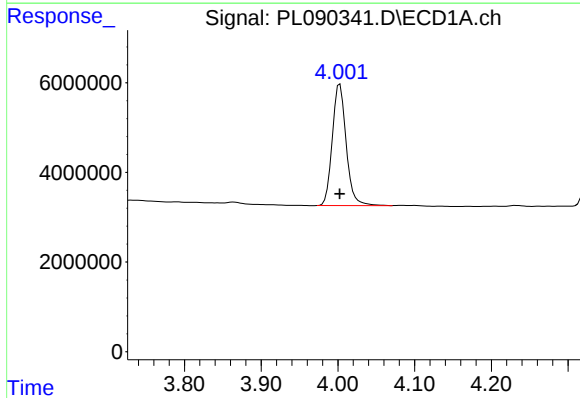
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 45527607
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



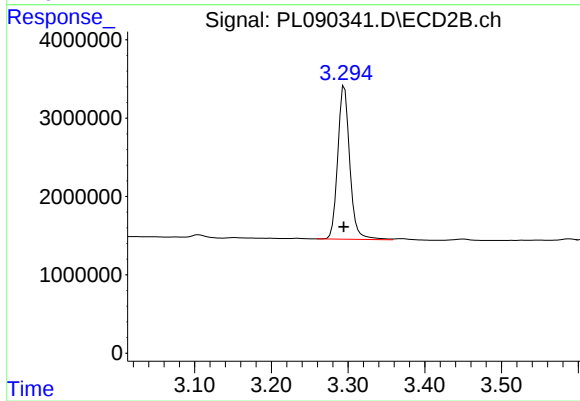
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.001 min
Response: 31391913
Conc: 19.85 ng/ml



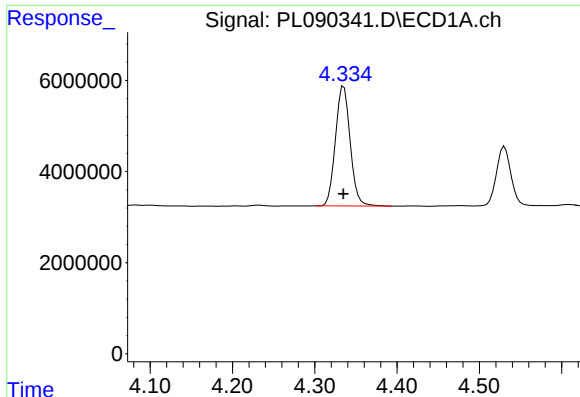
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 34165119
Conc: 10.89 ng/ml



#2 alpha-BHC

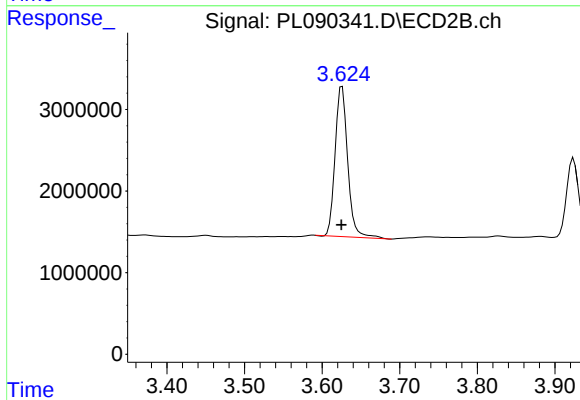
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 21278382
Conc: 9.52 ng/ml



#3 gamma-BHC (Lindane)

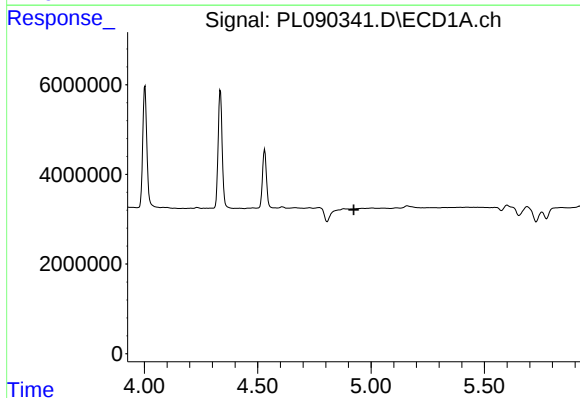
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 32784947
Conc: 10.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



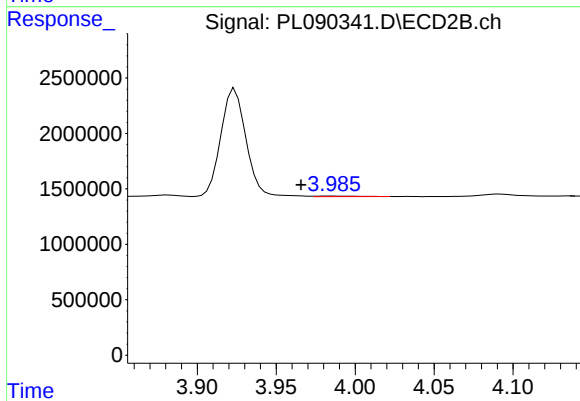
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 20798350
Conc: 9.73 ng/ml



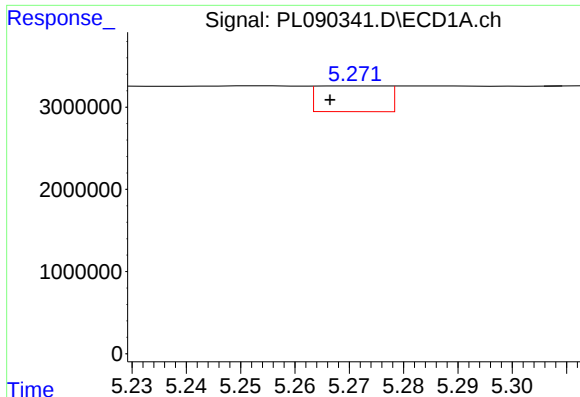
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.924 min
Response: 0
Conc: N.D.



#4 Heptachlor

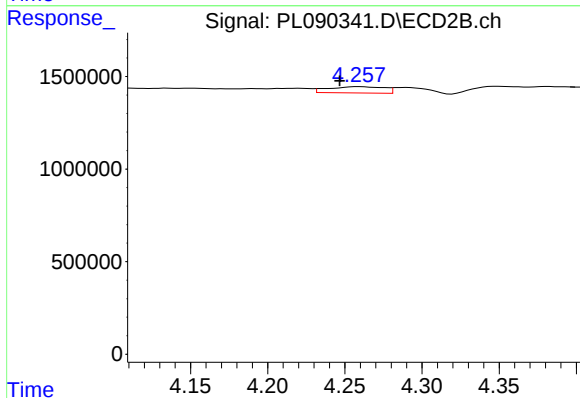
R.T.: 3.986 min
Delta R.T.: 0.020 min
Response: 82438
Conc: 0.04 ng/ml



#5 Aldrin

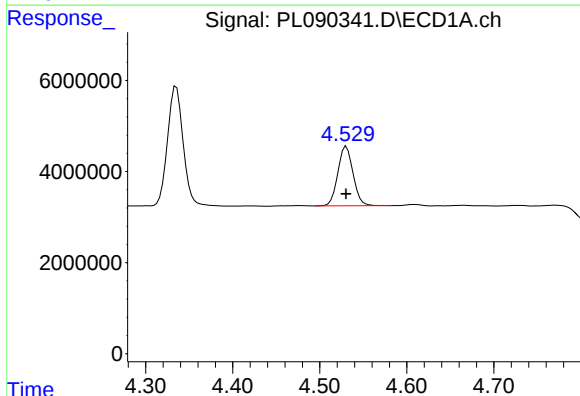
R.T.: 5.272 min
Delta R.T.: 0.006 min
Response: 2799421
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



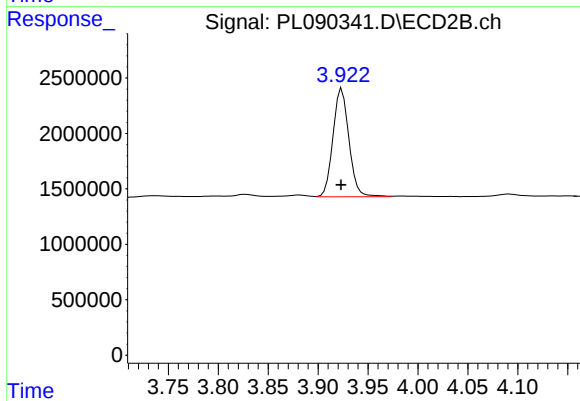
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.012 min
Response: 854271
Conc: 0.43 ng/ml



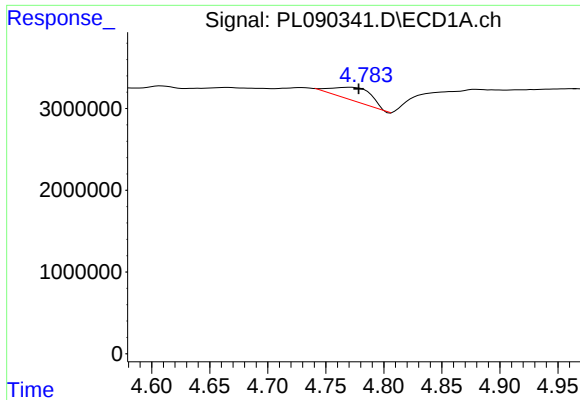
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15893877
Conc: 11.80 ng/ml



#6 beta-BHC

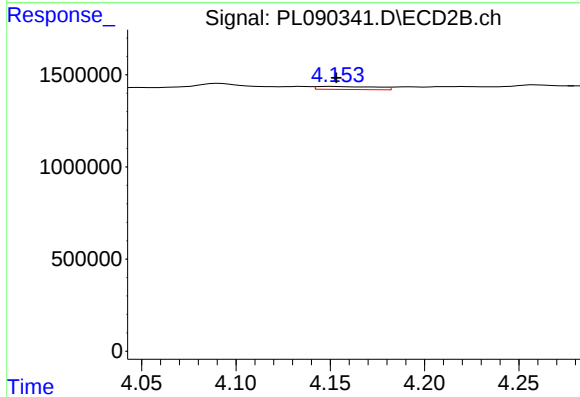
R.T.: 3.924 min
Delta R.T.: 0.001 min
Response: 10876815
Conc: 11.27 ng/ml



#7 delta-BHC

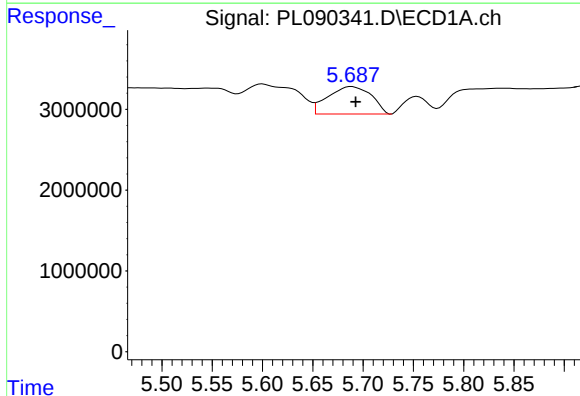
R.T.: 4.771 min
Delta R.T.: -0.007 min
Response: 3819044
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



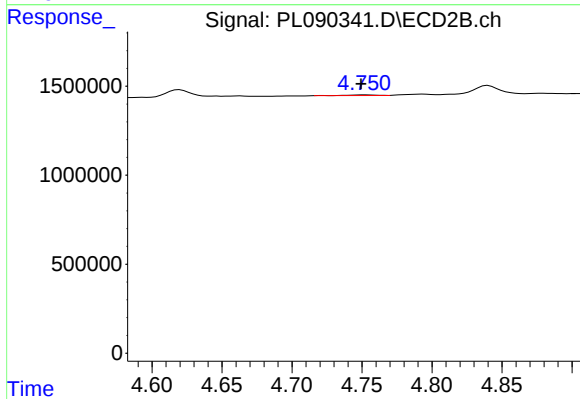
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.003 min
Response: 364596
Conc: 0.18 ng/ml



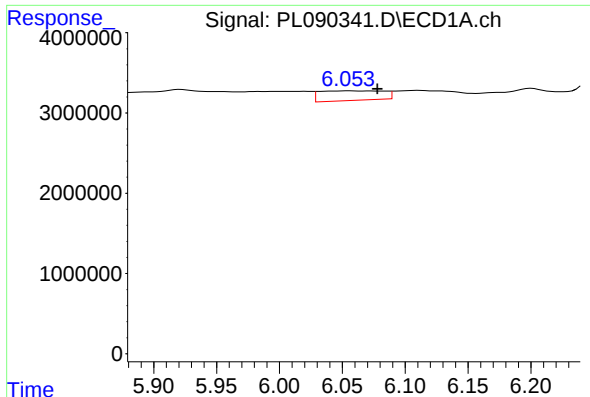
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.004 min
Response: 10169739
Conc: 3.99 ng/ml



#8 Heptachlor epoxide

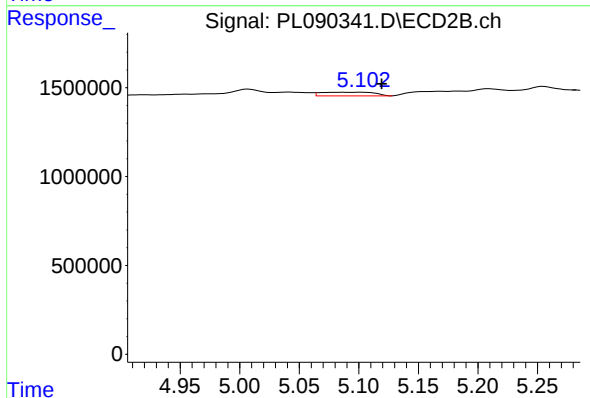
R.T.: 4.751 min
Delta R.T.: 0.002 min
Response: 46723
Conc: 0.03 ng/ml



#9 Endosulfan I

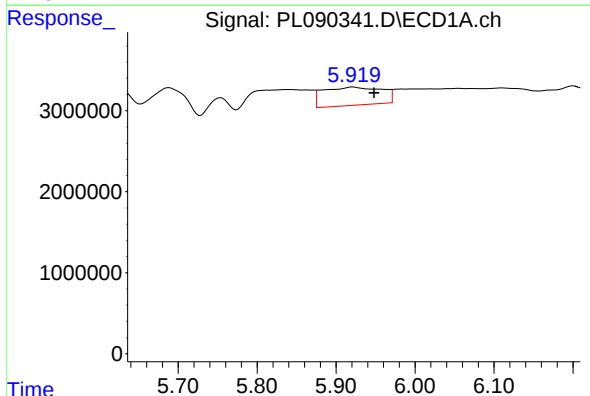
R.T.: 6.055 min
Delta R.T.: -0.023 min
Response: 4237189
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



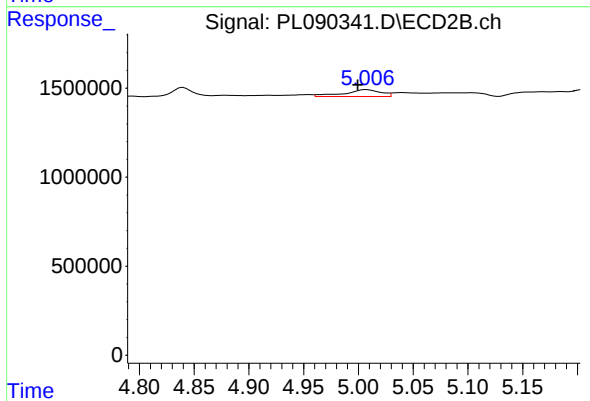
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: -0.016 min
Response: 652101
Conc: 0.38 ng/ml



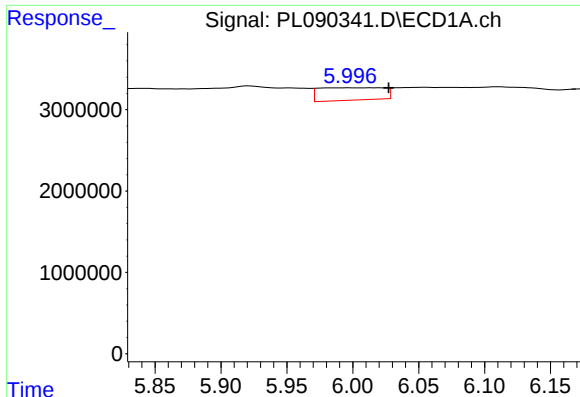
#10 gamma-Chlordane

R.T.: 5.922 min
Delta R.T.: -0.026 min
Response: 11531817
Conc: 4.56 ng/ml



#10 gamma-Chlordane

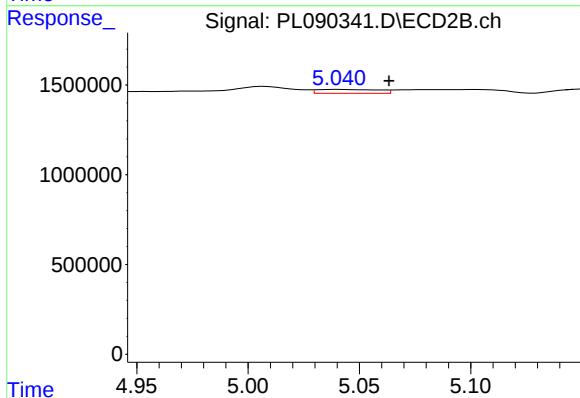
R.T.: 5.007 min
Delta R.T.: 0.008 min
Response: 884993
Conc: 0.46 ng/ml



#11 alpha-Chlordane

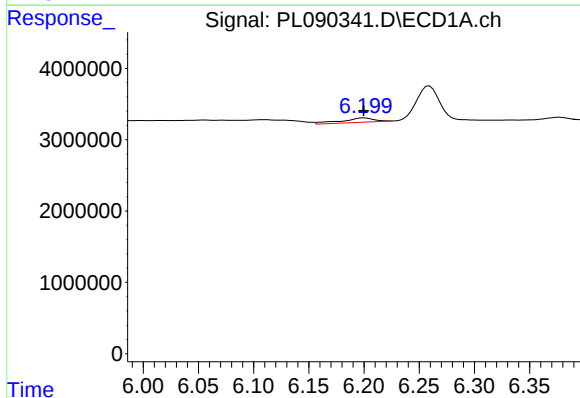
R.T.: 6.018 min
Delta R.T.: -0.009 min
Response: 5180310
Conc: 2.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



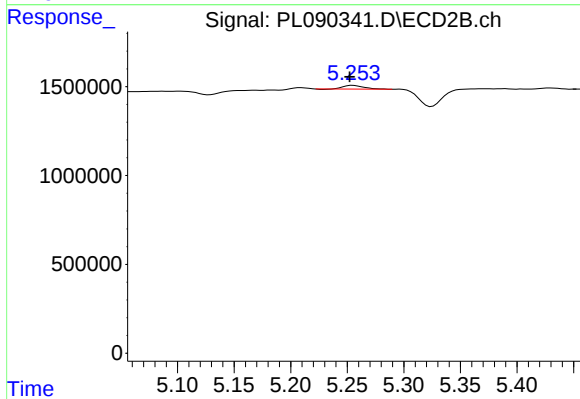
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.022 min
Response: 409828
Conc: 0.21 ng/ml



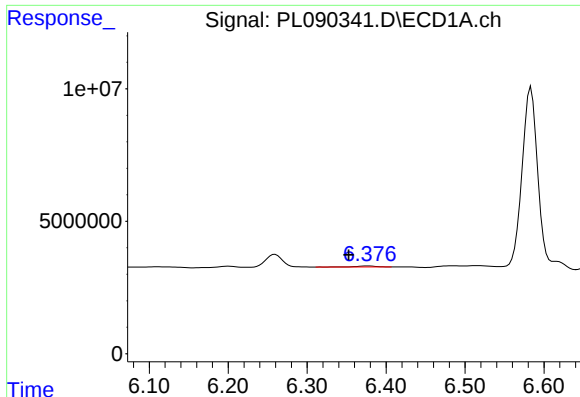
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 1217805
Conc: 0.56 ng/ml



#12 4,4'-DDE

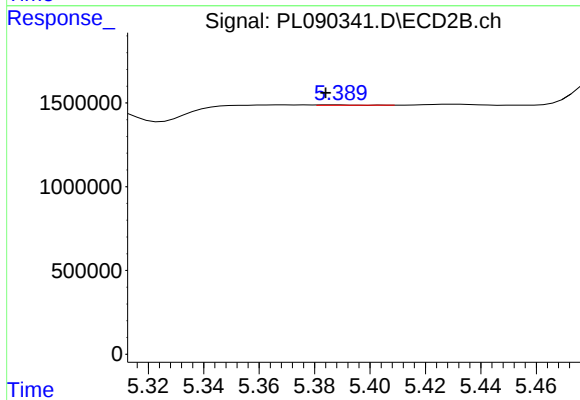
R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 260561
Conc: 0.16 ng/ml



#13 Dieldrin

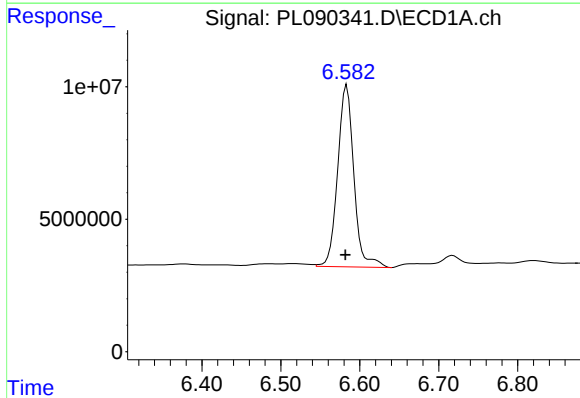
R.T.: 6.377 min
Delta R.T.: 0.024 min
Response: 563686
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



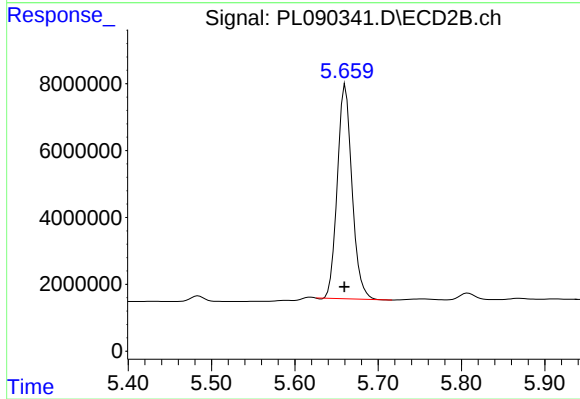
#13 Dieldrin

R.T.: 5.389 min
Delta R.T.: 0.005 min
Response: 22887
Conc: 0.01 ng/ml



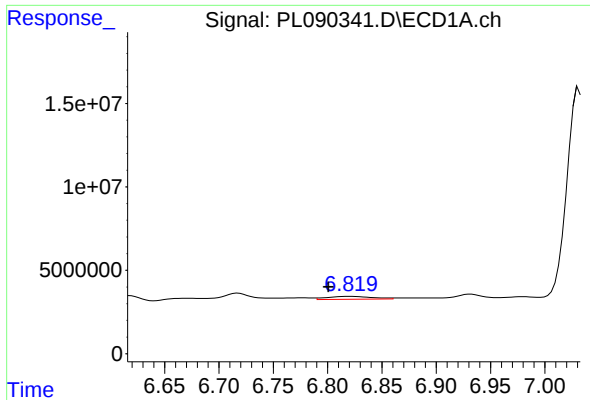
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.001 min
Response: 97913964
Conc: 46.18 ng/ml



#14 Endrin

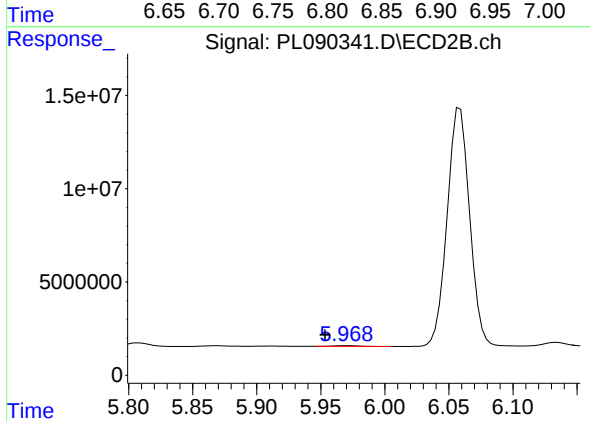
R.T.: 5.661 min
Delta R.T.: 0.002 min
Response: 78467564
Conc: 47.45 ng/ml



#15 Endosulfan II

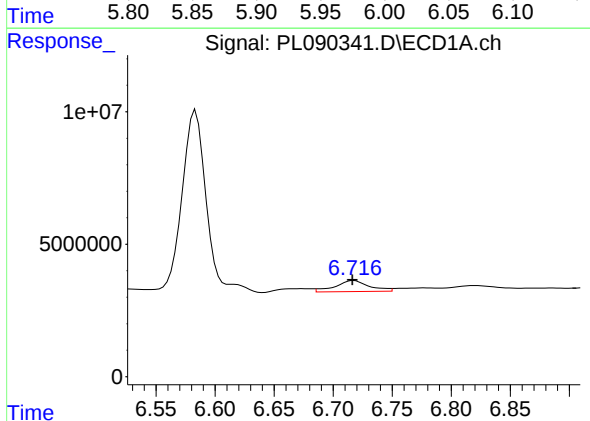
R.T.: 6.821 min
Delta R.T.: 0.020 min
Response: 5061249
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



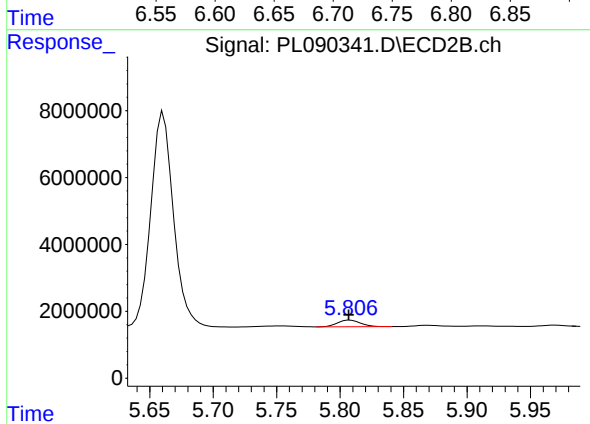
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.016 min
Response: 581025
Conc: 0.35 ng/ml



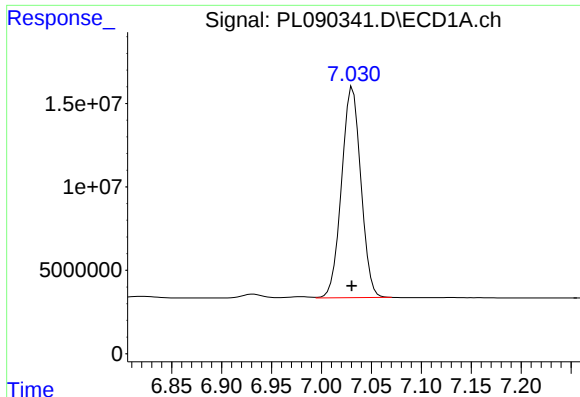
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.001 min
Response: 8376731
Conc: 4.57 ng/ml



#16 4,4'-DDD

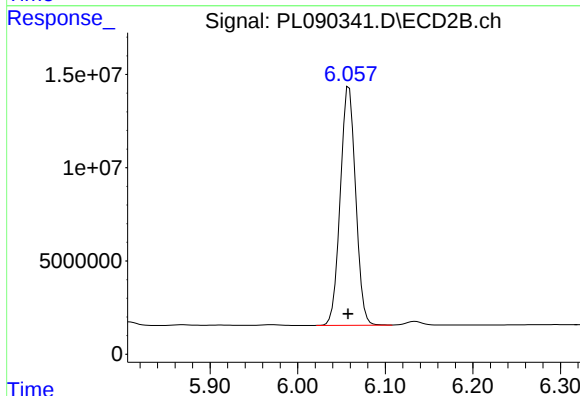
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 2474840
Conc: 1.81 ng/ml



#17 4,4'-DDT

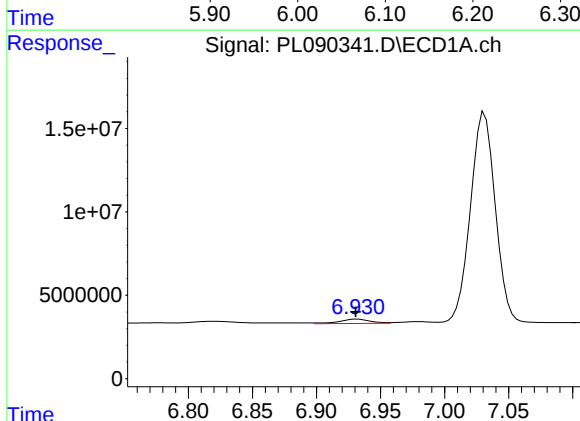
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 170016015
Conc: 88.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



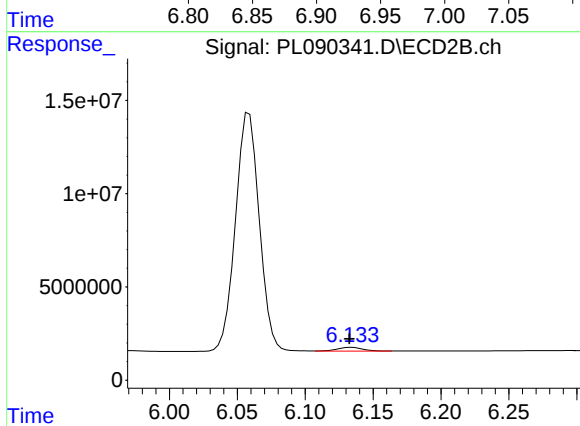
#17 4,4'-DDT

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 156280553
Conc: 105.59 ng/ml



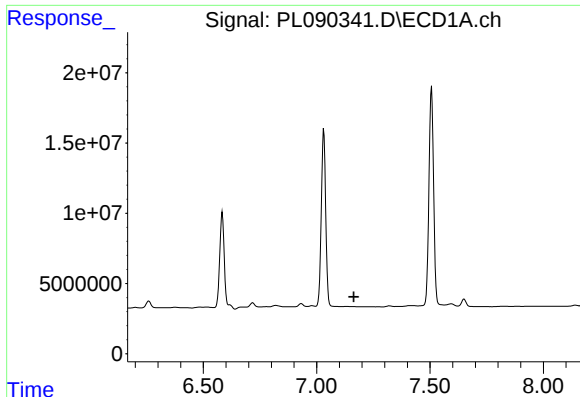
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 4189309
Conc: 2.48 ng/ml



#18 Endrin aldehyde

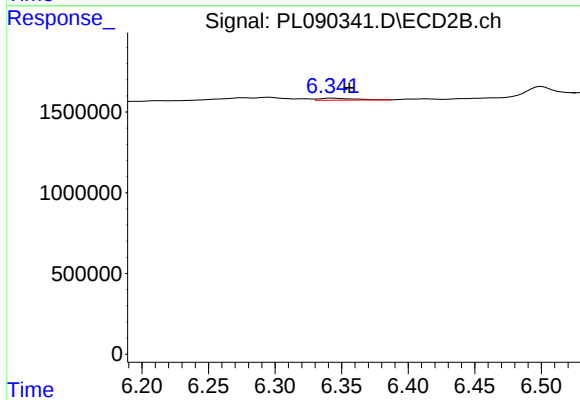
R.T.: 6.134 min
Delta R.T.: 0.002 min
Response: 2691565
Conc: 2.11 ng/ml



#19 Endosulfan Sulfate

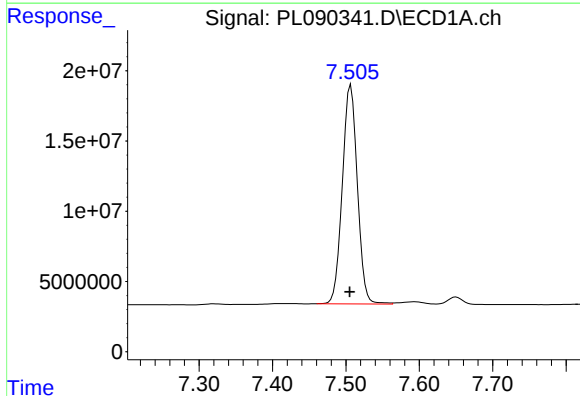
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



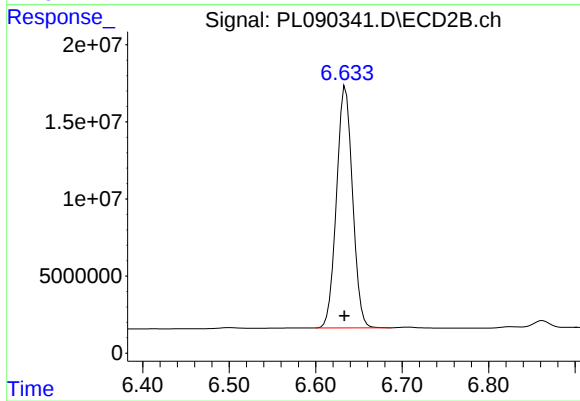
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.013 min
Response: 220723
Conc: 0.14 ng/ml



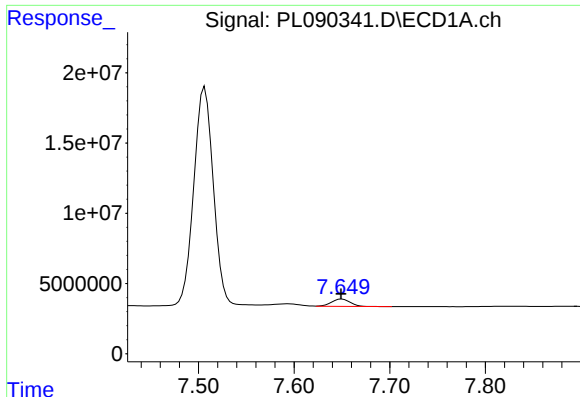
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.001 min
Response: 222100262
Conc: 215.52 ng/ml



#20 Methoxychlor

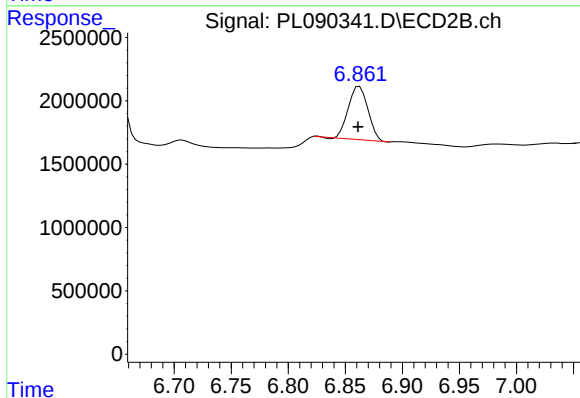
R.T.: 6.635 min
Delta R.T.: 0.001 min
Response: 200379726
Conc: 240.19 ng/ml



#21 Endrin ketone

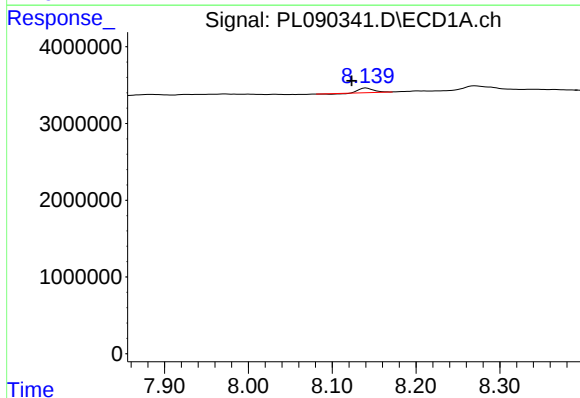
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 7158582
Conc: 3.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



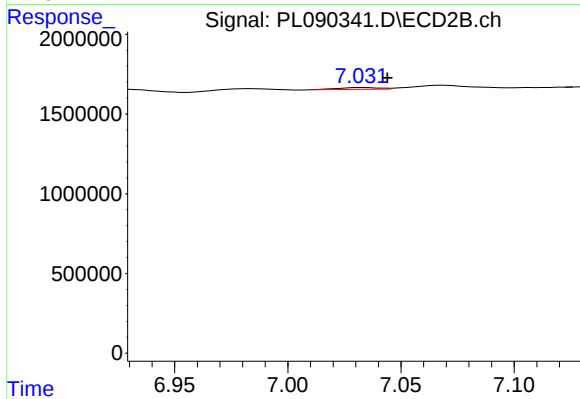
#21 Endrin ketone

R.T.: 6.862 min
Delta R.T.: 0.001 min
Response: 5054245
Conc: 2.82 ng/ml



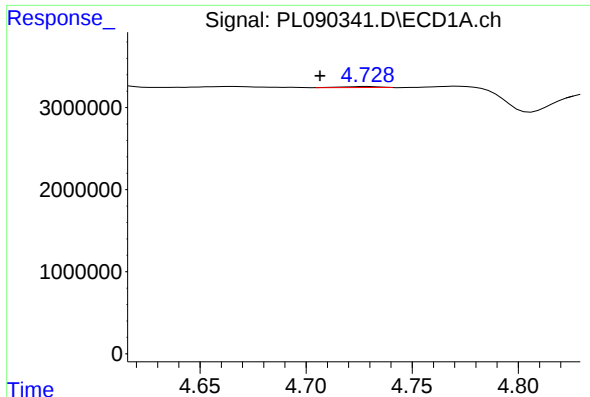
#22 Mirex

R.T.: 8.141 min
Delta R.T.: 0.017 min
Response: 622372
Conc: 0.36 ng/ml



#22 Mirex

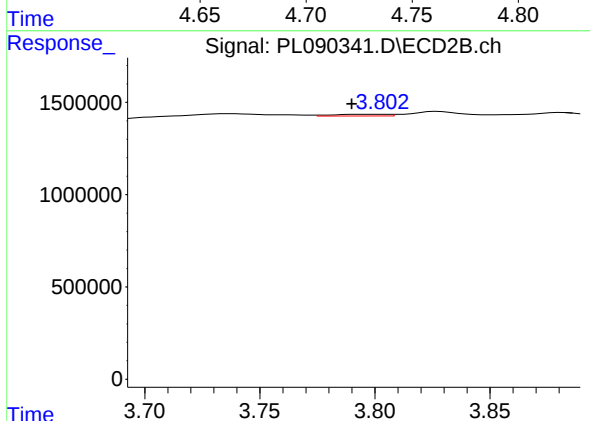
R.T.: 7.033 min
Delta R.T.: -0.011 min
Response: 141214
Conc: 0.09 ng/ml



#23 Chlordane-1

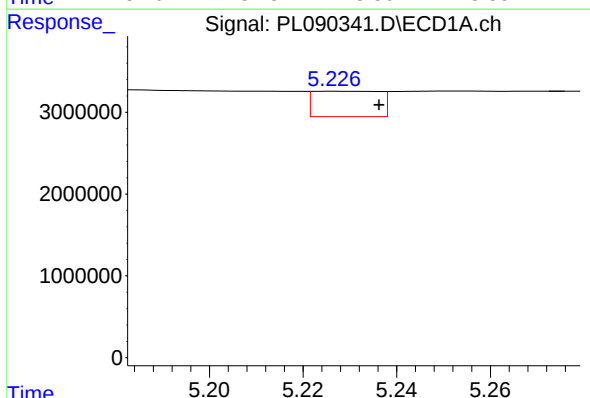
R.T.: 4.729 min
Delta R.T.: 0.022 min
Response: 132482
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



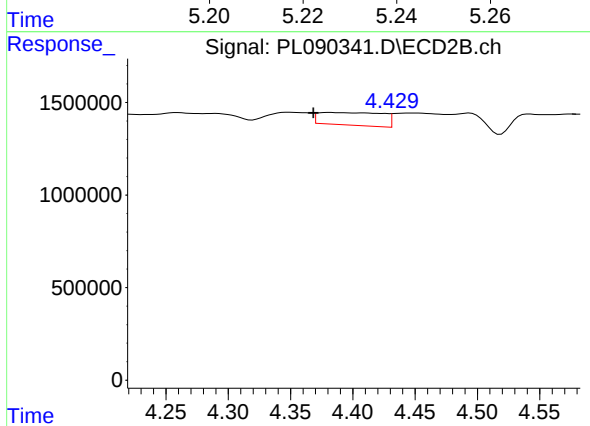
#23 Chlordane-1

R.T.: 3.803 min
Delta R.T.: 0.013 min
Response: 146783
Conc: 2.41 ng/ml



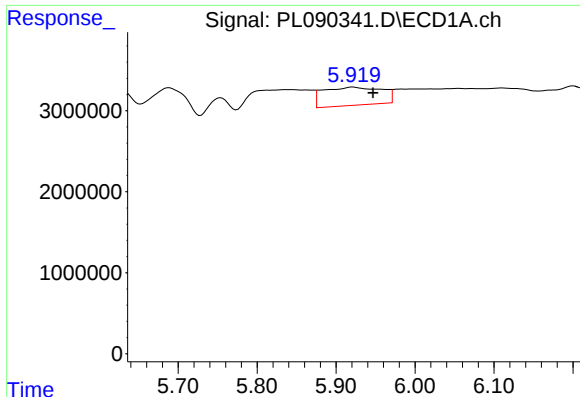
#24 Chlordane-2

R.T.: 5.228 min
Delta R.T.: -0.009 min
Response: 3062383
Conc: 25.82 ng/ml



#24 Chlordane-2

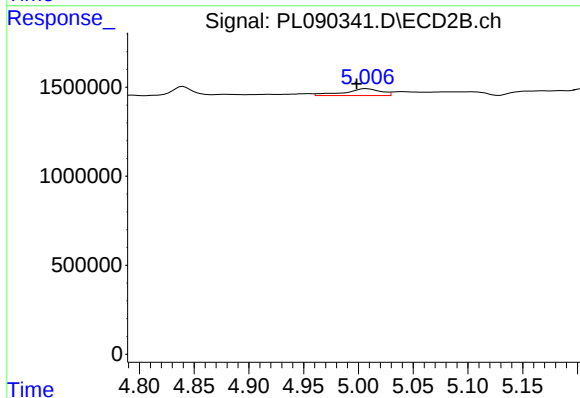
R.T.: 4.381 min
Delta R.T.: 0.013 min
Response: 2436193
Conc: 34.47 ng/ml



#25 Chlordane-3

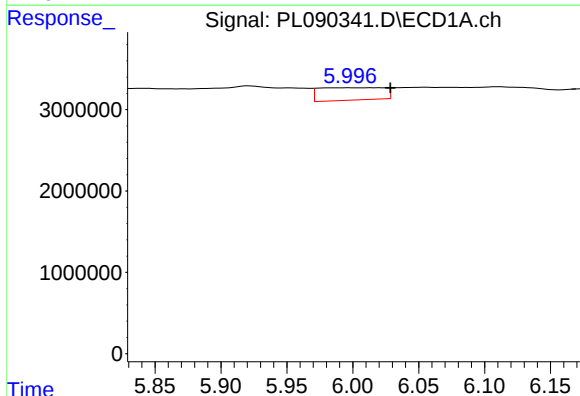
R.T.: 5.922 min
Delta R.T.: -0.025 min
Response: 11531817
Conc: 31.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



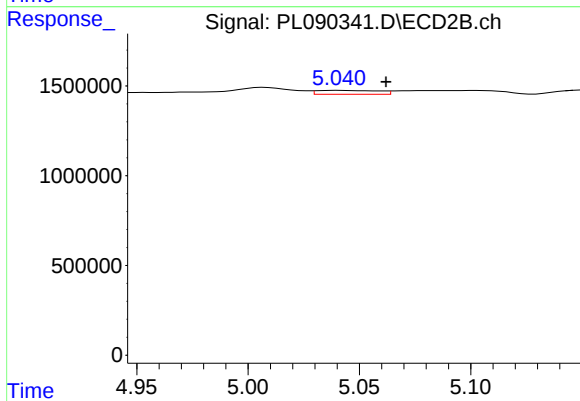
#25 Chlordane-3

R.T.: 5.007 min
Delta R.T.: 0.009 min
Response: 884993
Conc: 4.38 ng/ml



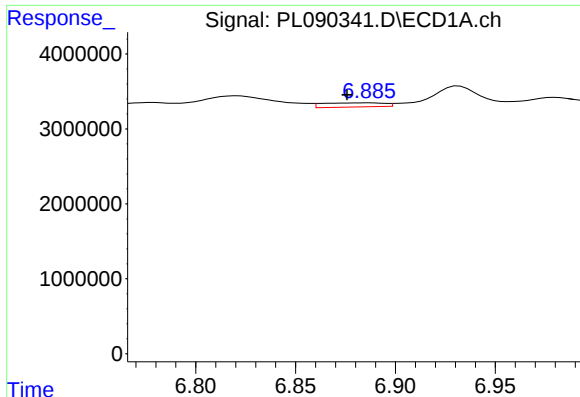
#26 Chlordane-4

R.T.: 6.018 min
Delta R.T.: -0.011 min
Response: 5180310
Conc: 11.61 ng/ml



#26 Chlordane-4

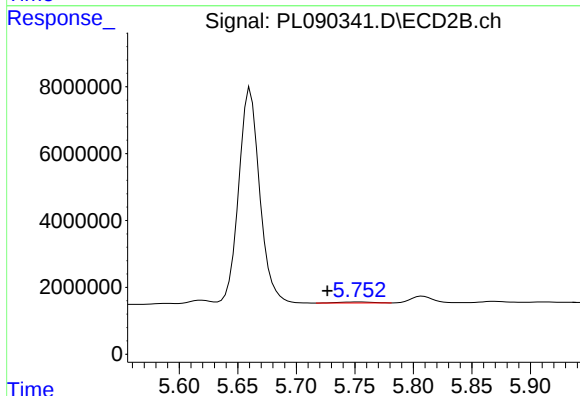
R.T.: 5.041 min
Delta R.T.: -0.021 min
Response: 409828
Conc: 2.15 ng/ml



#27 Chlordane-5

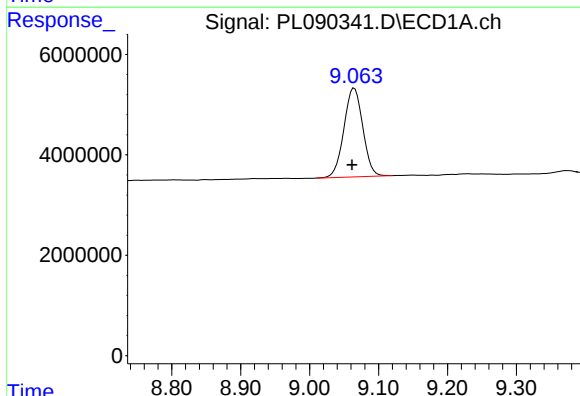
R.T.: 6.886 min
Delta R.T.: 0.010 min
Response: 1208167
Conc: 13.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



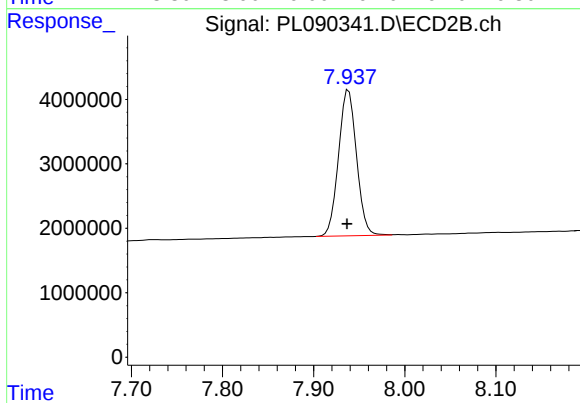
#27 Chlordane-5

R.T.: 5.753 min
Delta R.T.: 0.027 min
Response: 554894
Conc: 9.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.003 min
Response: 33709154
Conc: 21.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: 0.002 min
Response: 31113340
Conc: 20.86 ng/ml