

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050224\
 Data File : PL089311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2024 10:54
 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: May 02 22:57:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	43995151	27977491	21.848	21.806
28)	SA Decachlor...	9.065	7.949	28408565	26961995	20.306	20.043
Target Compounds							
2)	A alpha-BHC	4.006	3.302	32305550	18976550	11.328	10.057
3)	MA gamma-BHC...	4.338	3.633	30523645	18410168	10.964	9.977
4)	MA Heptachlor	4.927	0.000	1719900	0	0.693	N.D. #
5)	MB Aldrin	5.267	4.265	12138844	2054932	4.727	1.162 #
6)	B beta-BHC	4.533	3.930	13095492	9491739	10.380	11.626
7)	B delta-BHC	0.000	4.164	0	1754022	N.D.	0.975 #
8)	B Heptachlo...	5.691	0.000	29095582	0	12.405	N.D. #
9)	A Endosulfan I	6.085	0.000	3211702	0	1.494	N.D. #
10)	B gamma-Chl...	5.923f	5.017	22064596	3511791	9.652	2.140 #
11)	B alpha-Chl...	6.012f	5.064	5880899	2417495	2.585	1.466 #
12)	B 4,4'-DDE	6.203	5.263	1987618	1588837	0.982	1.093
13)	MA Dieldrin	6.379f	5.385	796140	247250	0.356	0.154 #
14)	MA Endrin	6.586	5.670	98266828	71024107	51.874	49.402
15)	B Endosulfa...	6.822f	5.979f	5454230	1433672	2.733	0.997 #
16)	A 4,4'-DDD	6.719	5.817	20141955	6693431	11.939	5.428 #
17)	MA 4,4'-DDT	7.033	6.068	149.7E6	138.7E6	81.396	102.499 #
18)	B Endrin al...	6.934	6.143	4343868	2843441	2.872	2.556
19)	B Endosulfa...	7.135f	6.353	627518	112579	0.347	0.081 #
20)	A Methoxychlor	7.508	6.645	184.6E6	179.4E6	187.766	224.362
21)	B Endrin ke...	7.652	6.871	8585624	5095596	4.289	3.187 #
22)	Mirex	8.125	7.076f	-41941	146413	N.D.	0.107
23)	Chlordane-1	0.000	3.803	0	14756	N.D.	0.300 #
24)	Chlordane-2	5.217f	0.000	3529413	0	33.583	N.D. #
25)	Chlordane-3	5.923f	5.017	22064596	3511791	66.810	20.510 #
26)	Chlordane-4	6.012f	5.064	5880899	2417495	14.427	15.030
27)	Chlordane-5	0.000	5.751	0	275510	N.D.	5.383 #

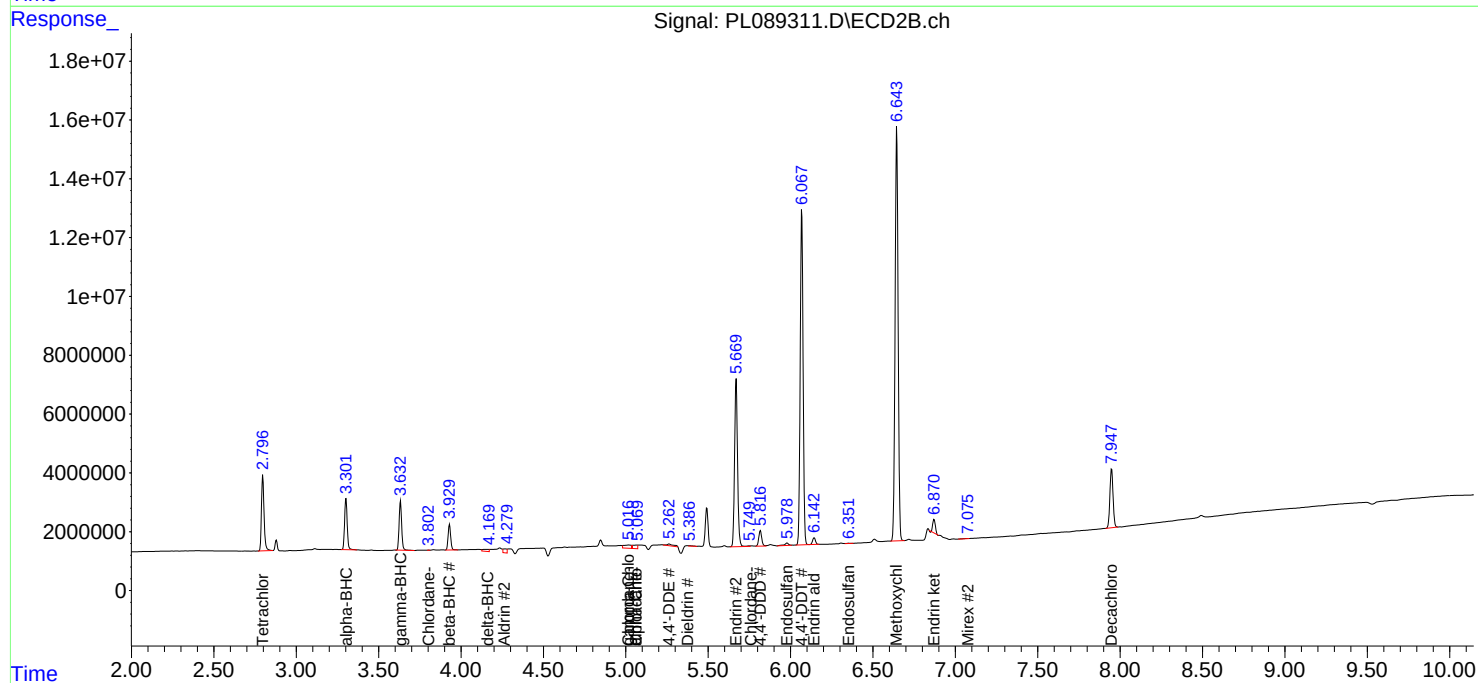
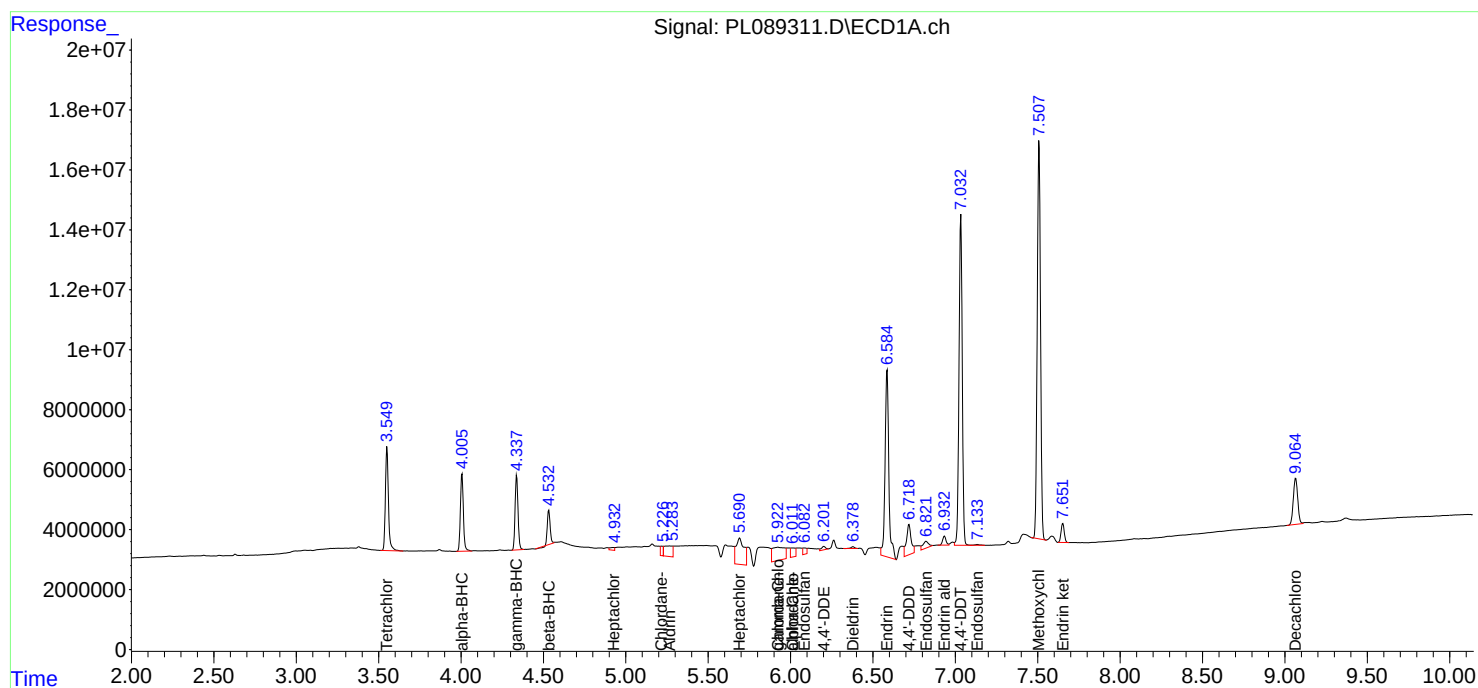
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

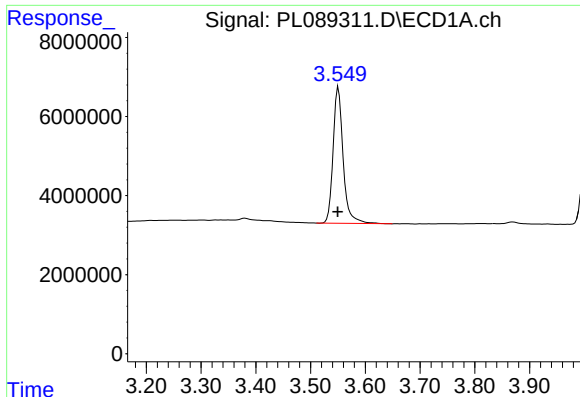
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050224\
Data File : PL089311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2024 10:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 22:57:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 2024
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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

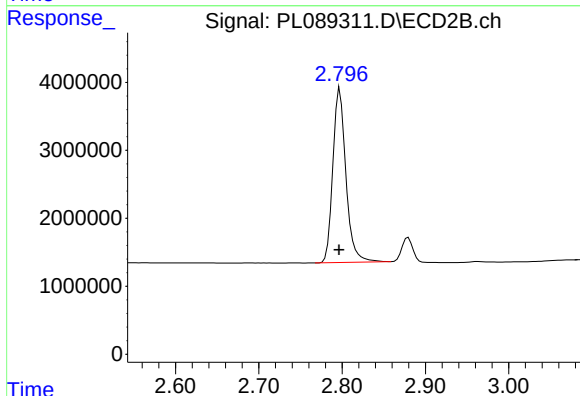




#1 Tetrachloro-m-xylene

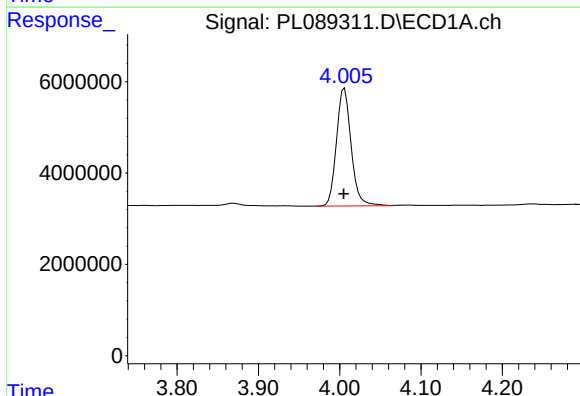
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43995151
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



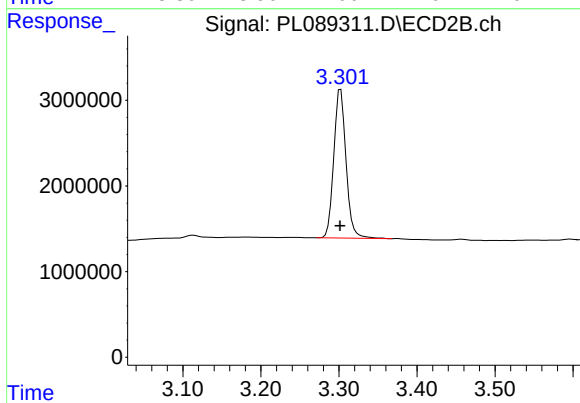
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.001 min
Response: 27977491
Conc: 21.81 ng/ml



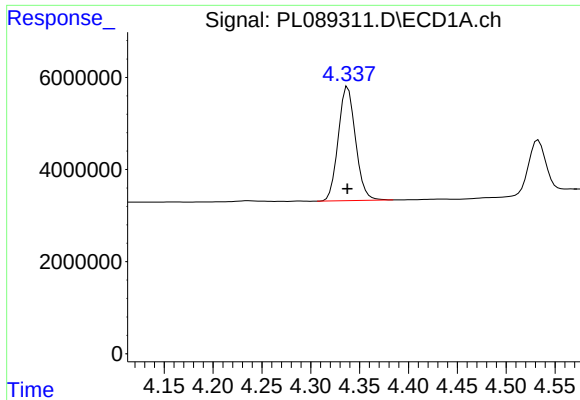
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 32305550
Conc: 11.33 ng/ml



#2 alpha-BHC

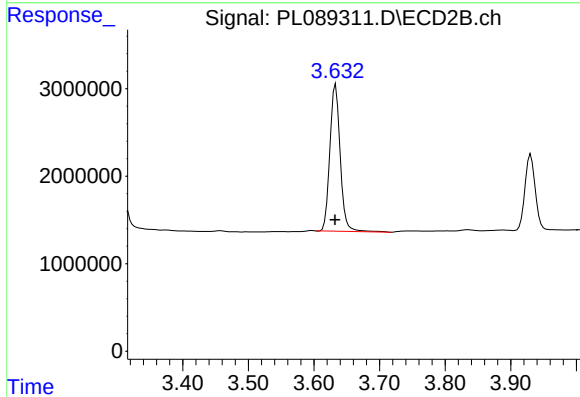
R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 18976550
Conc: 10.06 ng/ml



#3 gamma-BHC (Lindane)

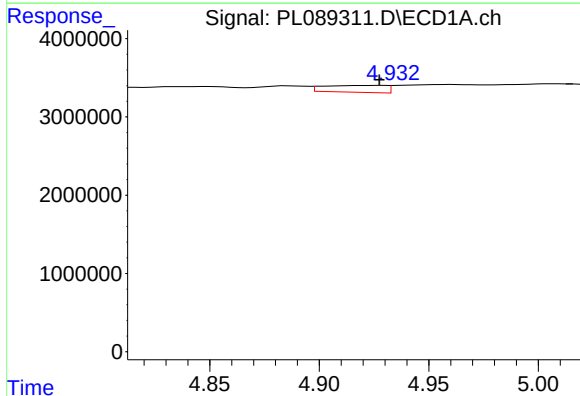
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30523645
Conc: 10.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



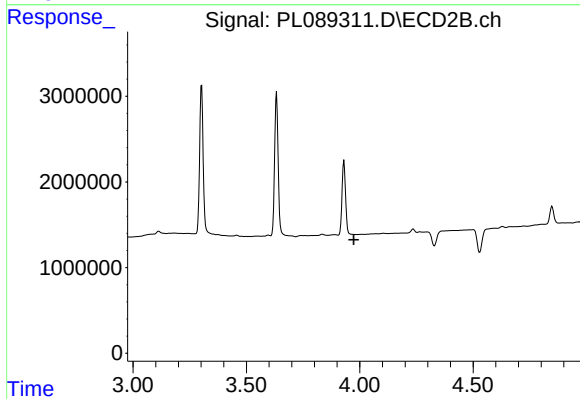
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 18410168
Conc: 9.98 ng/ml



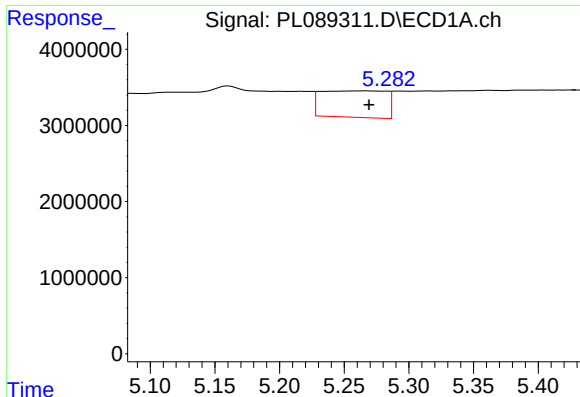
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 1719900
Conc: 0.69 ng/ml



#4 Heptachlor

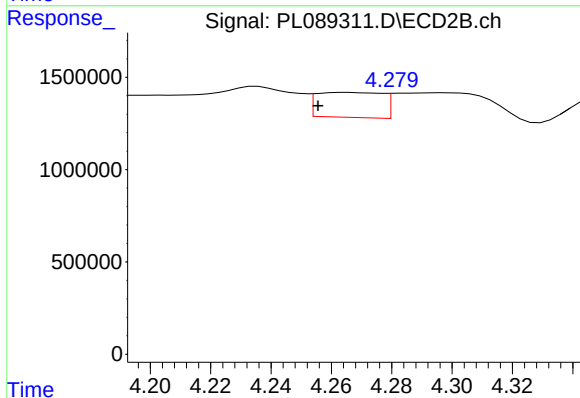
R.T.: 0.000 min
Exp R.T. : 3.974 min
Response: 0
Conc: N.D.



#5 Aldrin

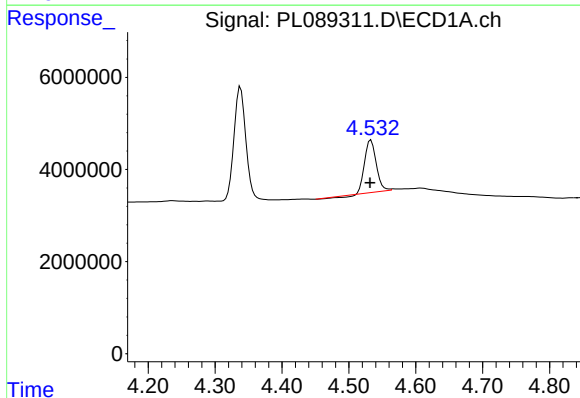
R.T.: 5.267 min
Delta R.T.: -0.002 min
Response: 12138844
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



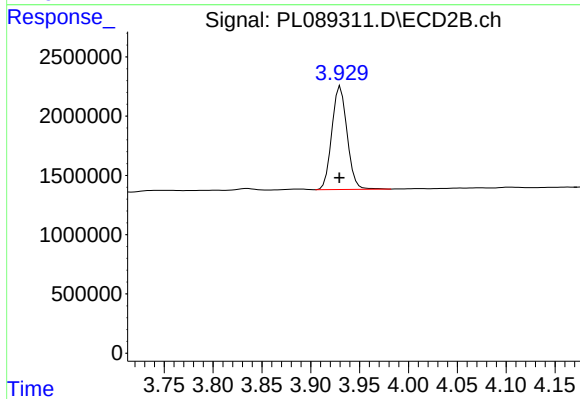
#5 Aldrin

R.T.: 4.265 min
Delta R.T.: 0.010 min
Response: 2054932
Conc: 1.16 ng/ml



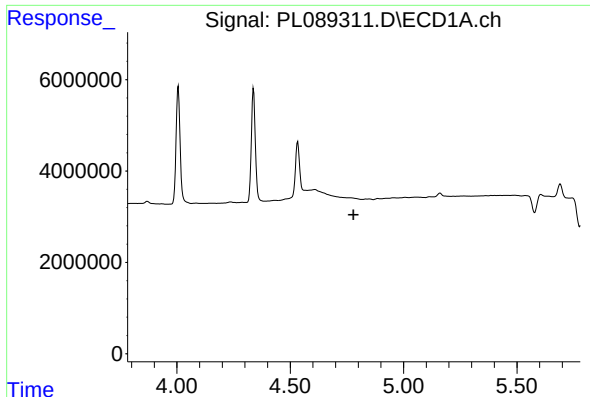
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.001 min
Response: 13095492
Conc: 10.38 ng/ml



#6 beta-BHC

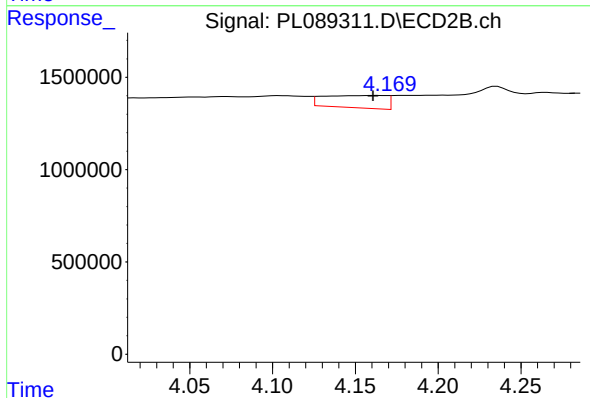
R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 9491739
Conc: 11.63 ng/ml



#7 delta-BHC

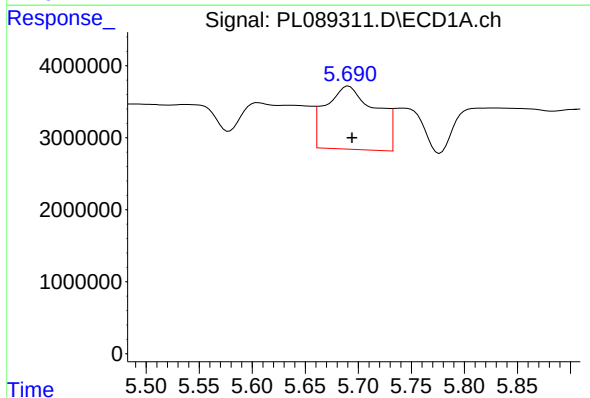
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



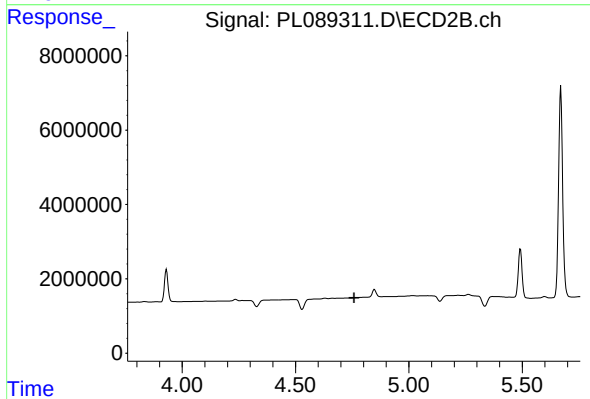
#7 delta-BHC

R.T.: 4.164 min
Delta R.T.: 0.003 min
Response: 1754022
Conc: 0.97 ng/ml



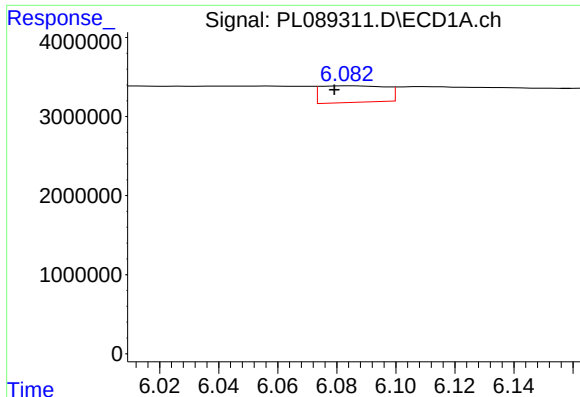
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.003 min
Response: 29095582
Conc: 12.41 ng/ml



#8 Heptachlor epoxide

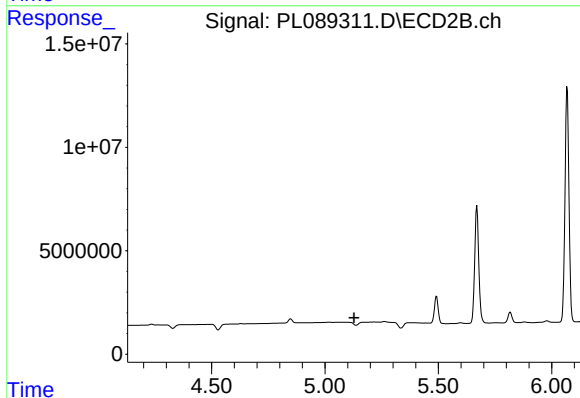
R.T.: 0.000 min
Exp R.T.: 4.758 min
Response: 0
Conc: N.D.



#9 Endosulfan I

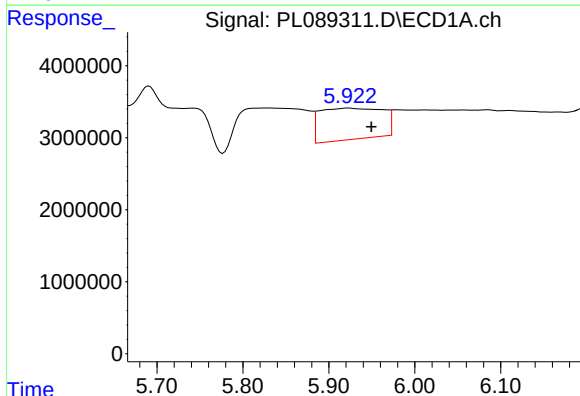
R.T.: 6.085 min
Delta R.T.: 0.006 min
Response: 3211702
Conc: 1.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



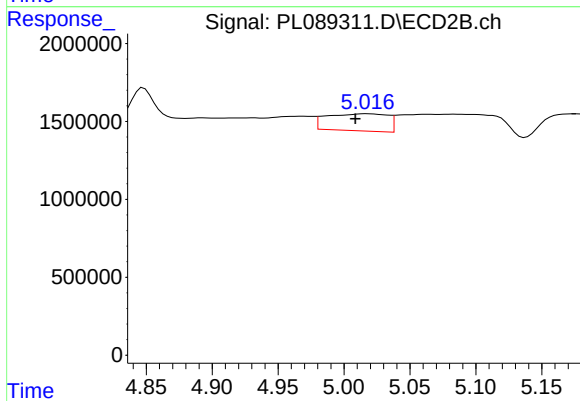
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.129 min
Response: 0
Conc: N.D.



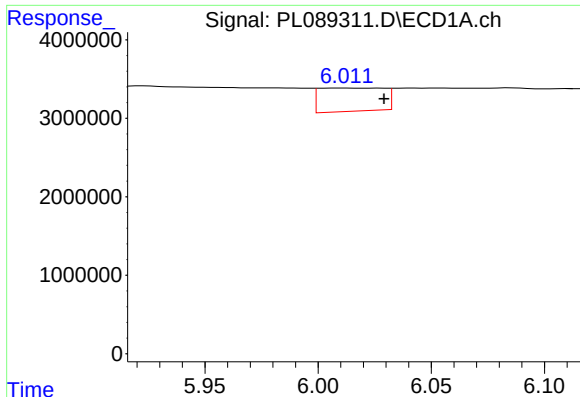
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.026 min
Response: 22064596
Conc: 9.65 ng/ml



#10 gamma-Chlordane

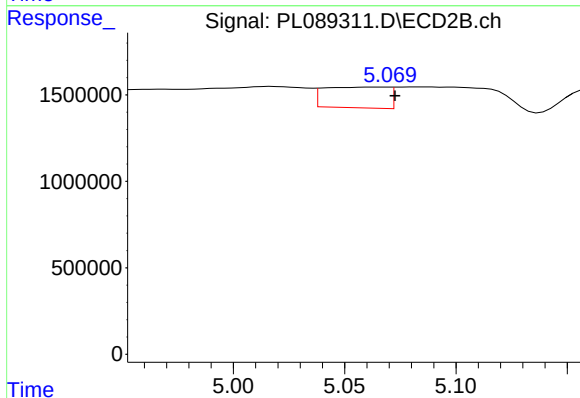
R.T.: 5.017 min
Delta R.T.: 0.008 min
Response: 3511791
Conc: 2.14 ng/ml



#11 alpha-Chlordane

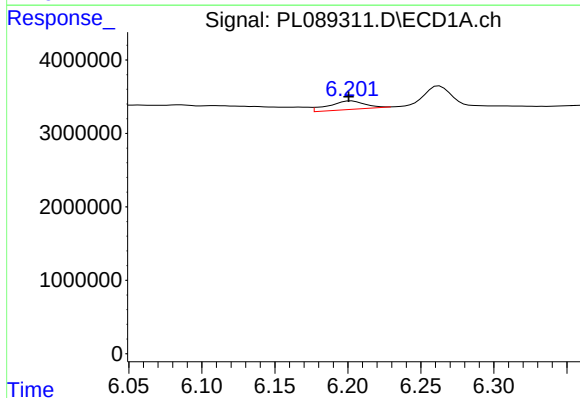
R.T.: 6.012 min
Delta R.T.: -0.017 min
Response: 5880899
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



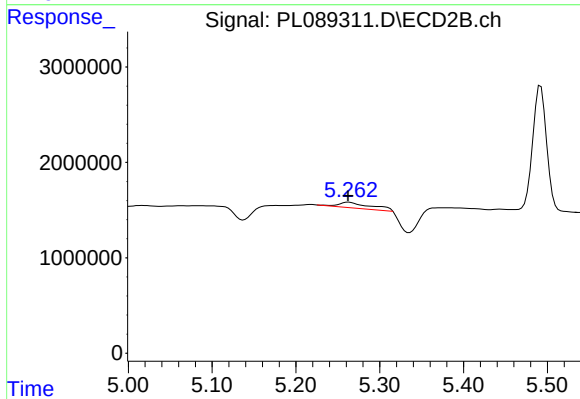
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.009 min
Response: 2417495
Conc: 1.47 ng/ml



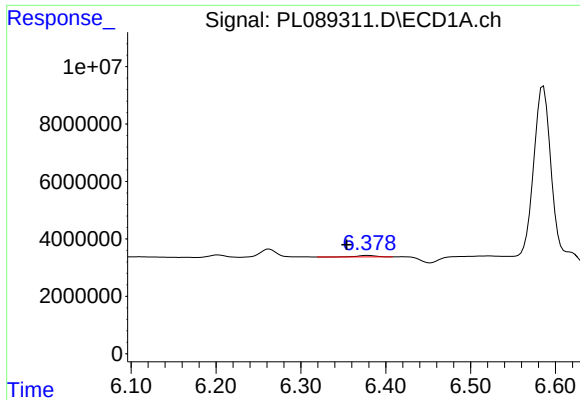
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 1987618
Conc: 0.98 ng/ml



#12 4,4'-DDE

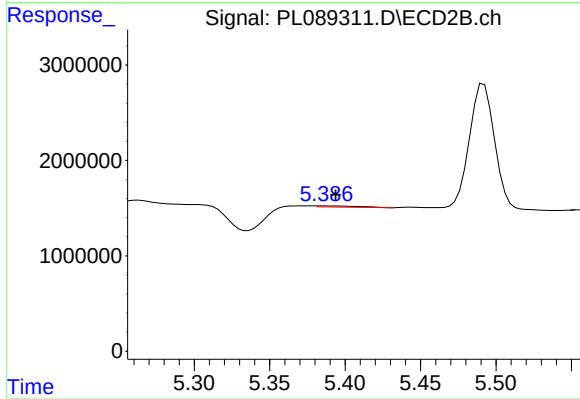
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 1588837
Conc: 1.09 ng/ml



#13 Dieldrin

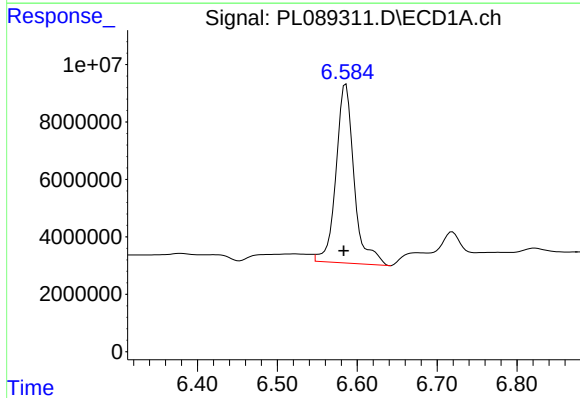
R.T.: 6.379 min
Delta R.T.: 0.025 min
Response: 796140
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



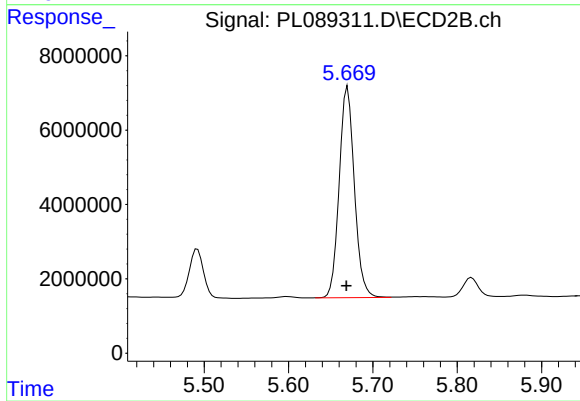
#13 Dieldrin

R.T.: 5.385 min
Delta R.T.: -0.009 min
Response: 247250
Conc: 0.15 ng/ml



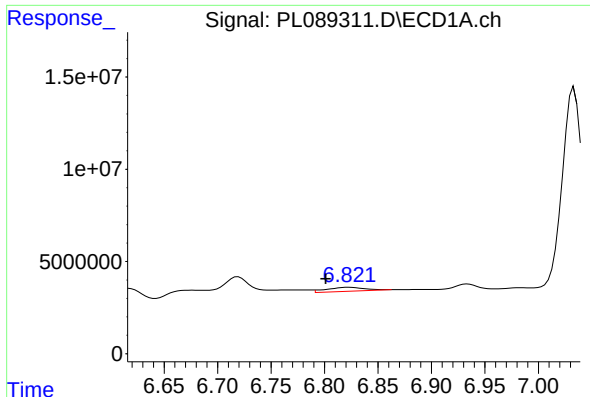
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 98266828
Conc: 51.87 ng/ml



#14 Endrin

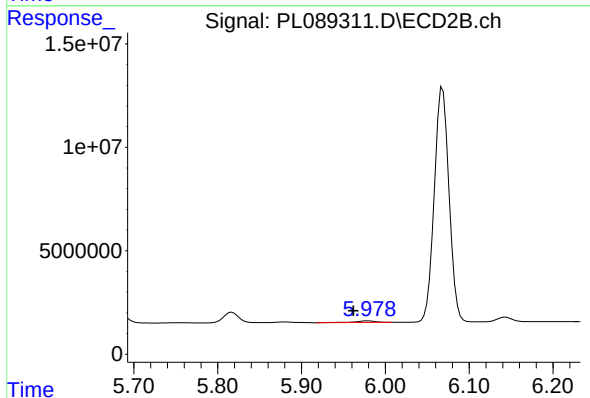
R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 71024107
Conc: 49.40 ng/ml



#15 Endosulfan II

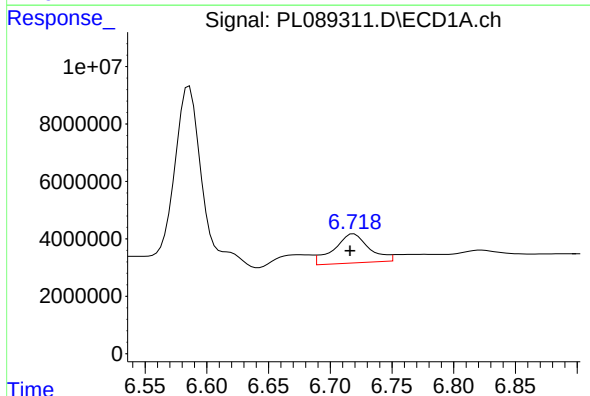
R.T.: 6.822 min
Delta R.T.: 0.021 min
Response: 5454230
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



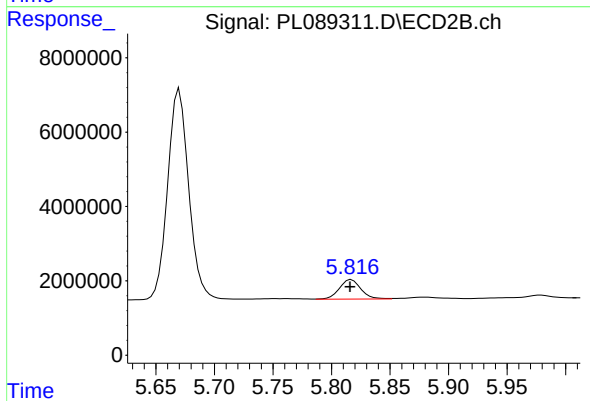
#15 Endosulfan II

R.T.: 5.979 min
Delta R.T.: 0.017 min
Response: 1433672
Conc: 1.00 ng/ml



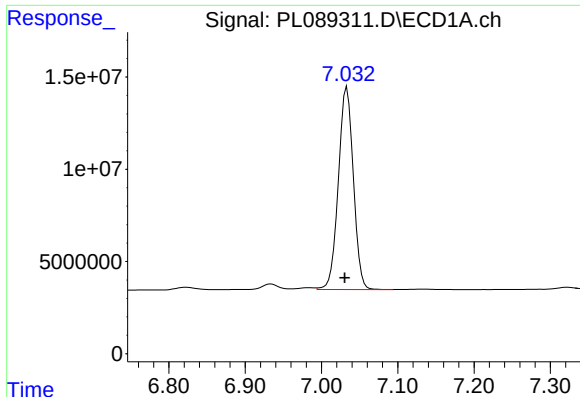
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 20141955
Conc: 11.94 ng/ml



#16 4,4'-DDD

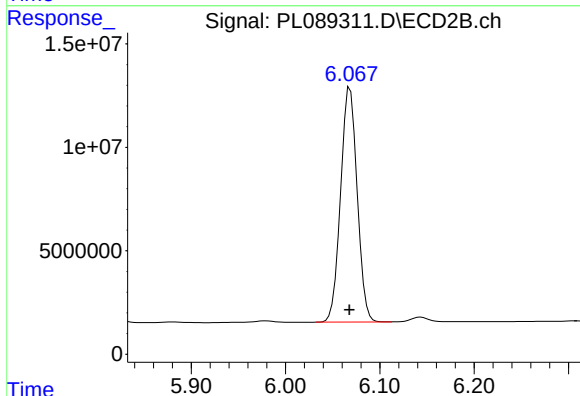
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 6693431
Conc: 5.43 ng/ml



#17 4,4'-DDT

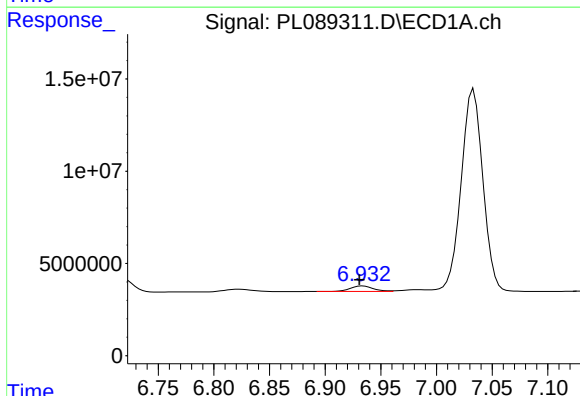
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 149684787
Conc: 81.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



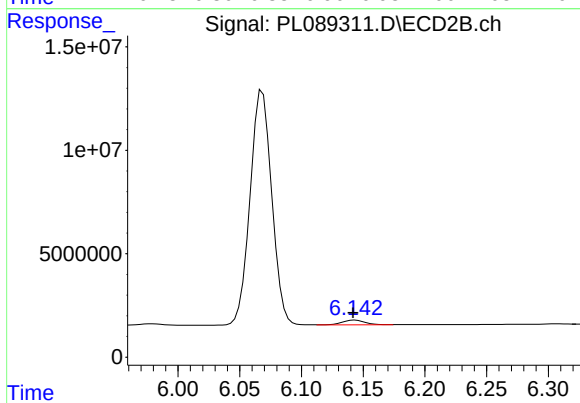
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 138680322
Conc: 102.50 ng/ml



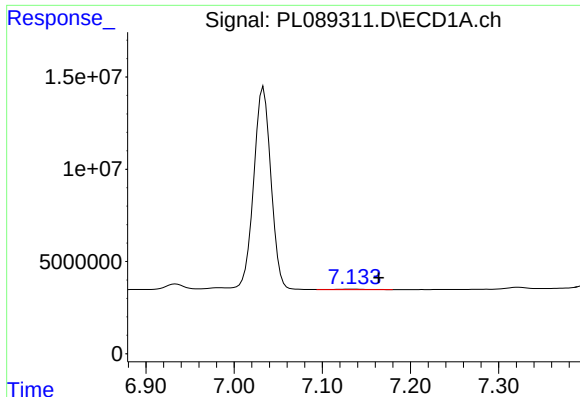
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4343868
Conc: 2.87 ng/ml



#18 Endrin aldehyde

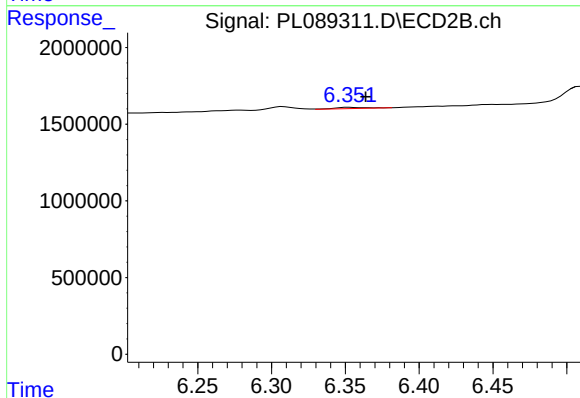
R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 2843441
Conc: 2.56 ng/ml



#19 Endosulfan Sulfate

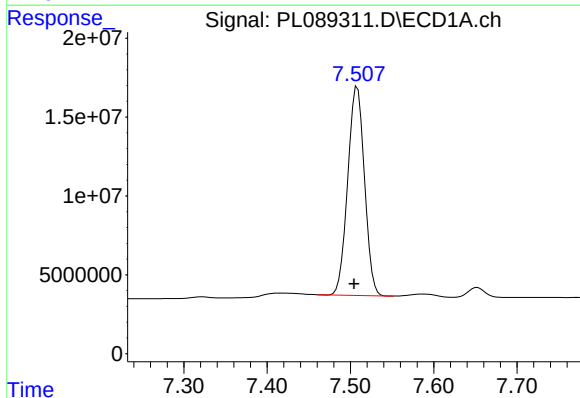
R.T.: 7.135 min
Delta R.T.: -0.030 min
Response: 627518
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



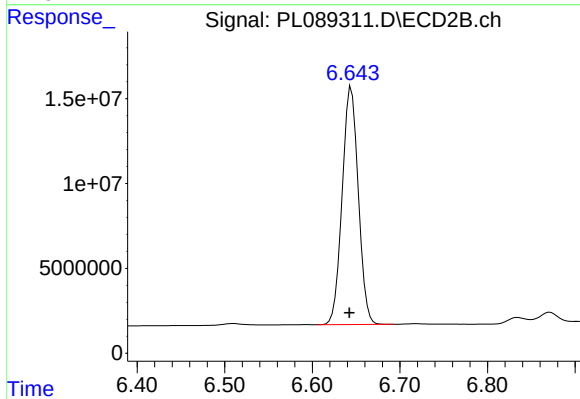
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: -0.011 min
Response: 112579
Conc: 0.08 ng/ml



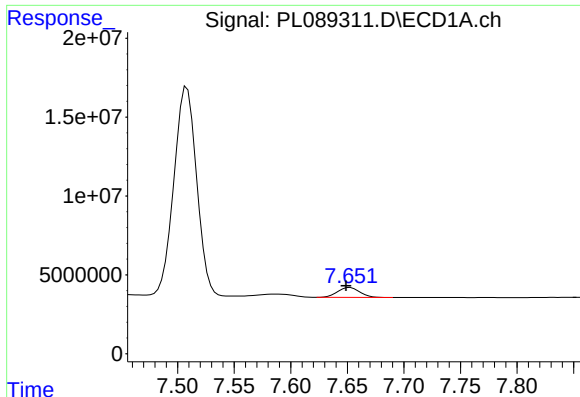
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 184649938
Conc: 187.77 ng/ml



#20 Methoxychlor

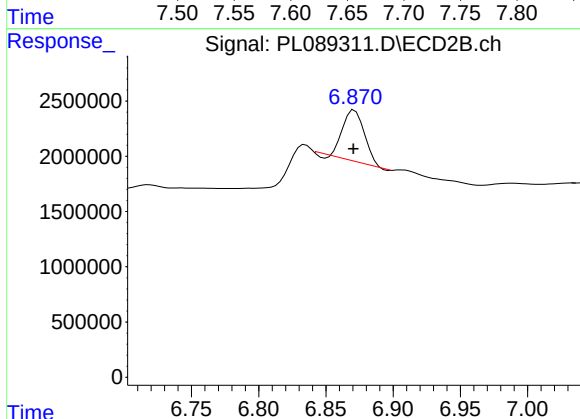
R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 179396303
Conc: 224.36 ng/ml



#21 Endrin ketone

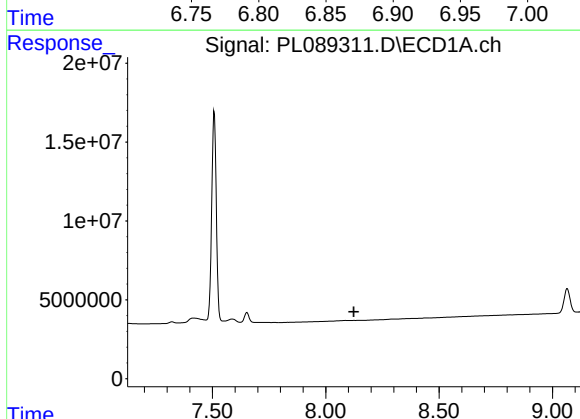
R.T.: 7.652 min
Delta R.T.: 0.003 min
Response: 8585624
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



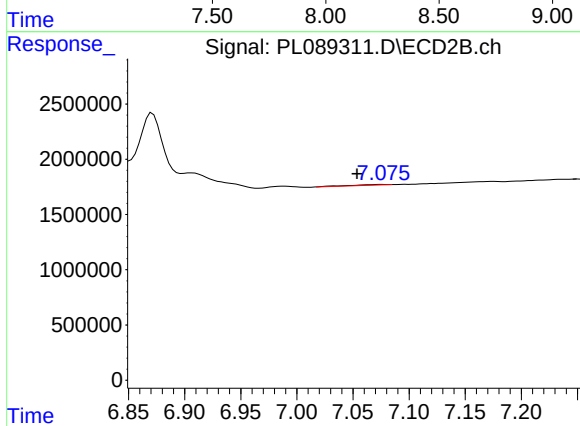
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 5095596
Conc: 3.19 ng/ml



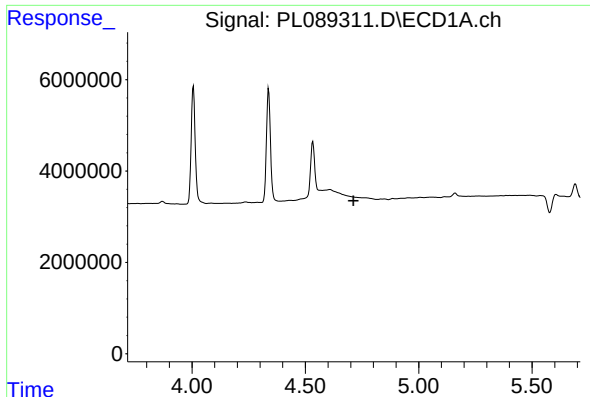
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: -41941
Conc: N.D.



#22 Mirex

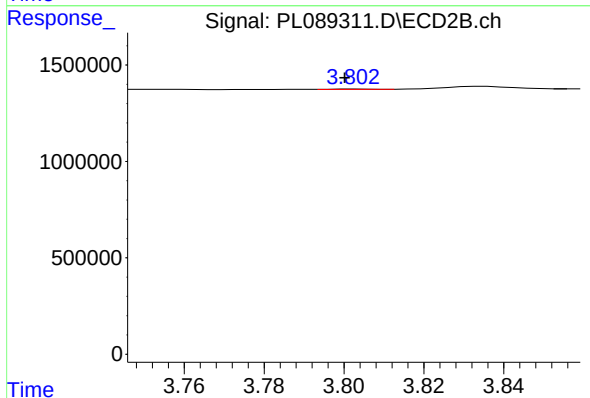
R.T.: 7.076 min
Delta R.T.: 0.022 min
Response: 146413
Conc: 0.11 ng/ml



#23 Chlordane-1

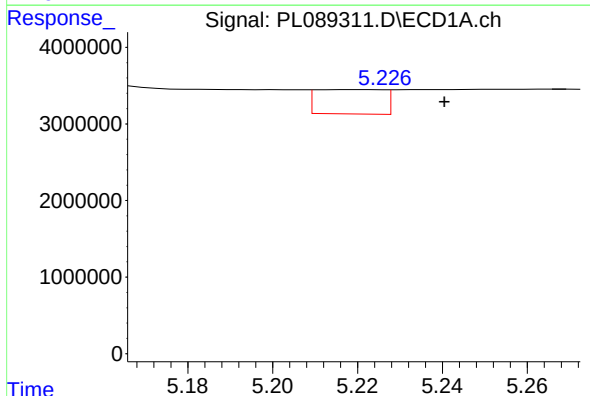
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



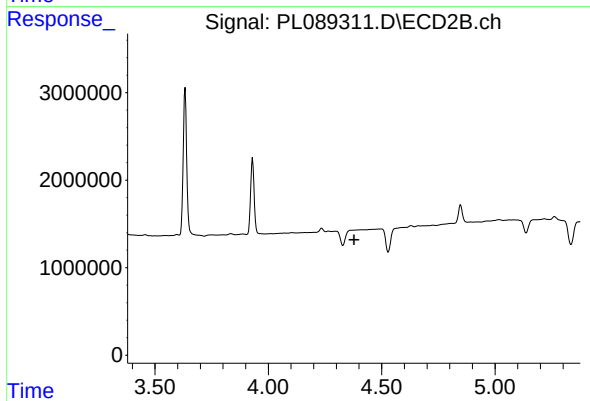
#23 Chlordane-1

R.T.: 3.803 min
Delta R.T.: 0.003 min
Response: 14756
Conc: 0.30 ng/ml



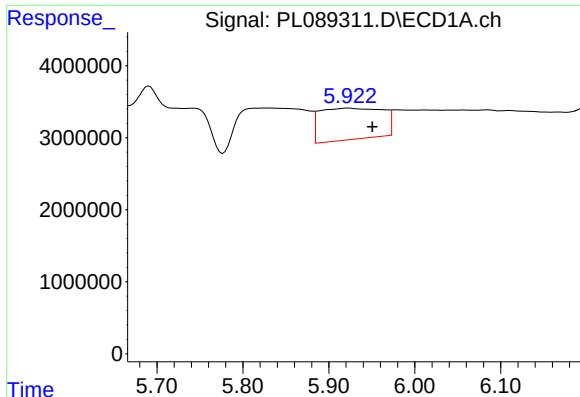
#24 Chlordane-2

R.T.: 5.217 min
Delta R.T.: -0.023 min
Response: 3529413
Conc: 33.58 ng/ml



#24 Chlordane-2

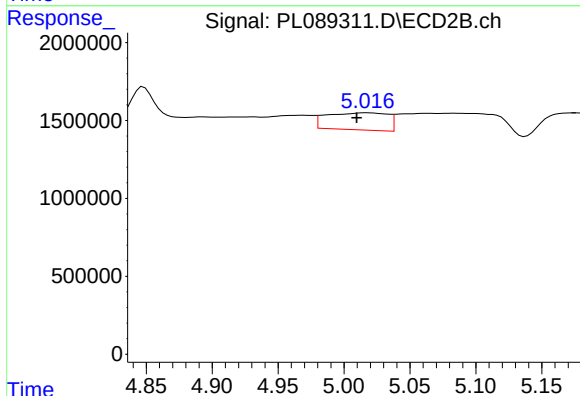
R.T.: 0.000 min
Exp R.T.: 4.378 min
Response: 0
Conc: N.D.



#25 Chlordane-3

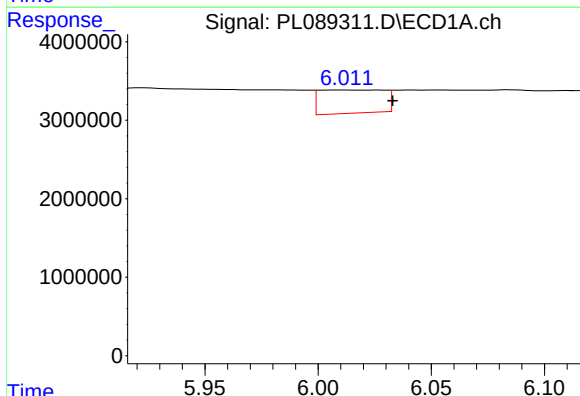
R.T.: 5.923 min
Delta R.T.: -0.028 min
Response: 22064596
Conc: 66.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



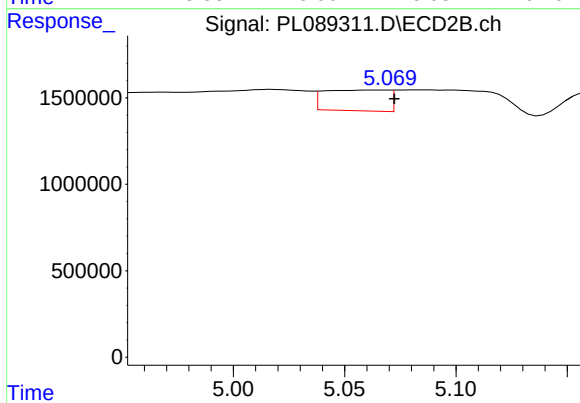
#25 Chlordane-3

R.T.: 5.017 min
Delta R.T.: 0.007 min
Response: 3511791
Conc: 20.51 ng/ml



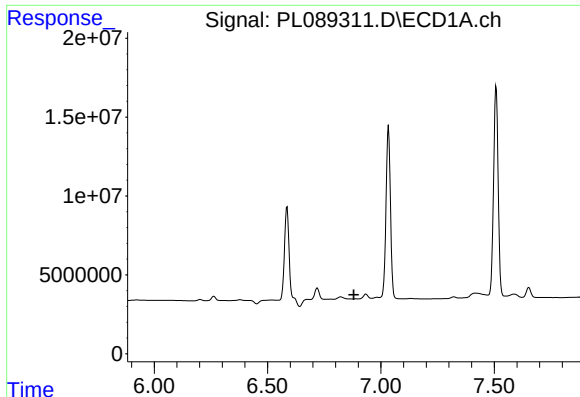
#26 Chlordane-4

R.T.: 6.012 min
Delta R.T.: -0.021 min
Response: 5880899
Conc: 14.43 ng/ml



#26 Chlordane-4

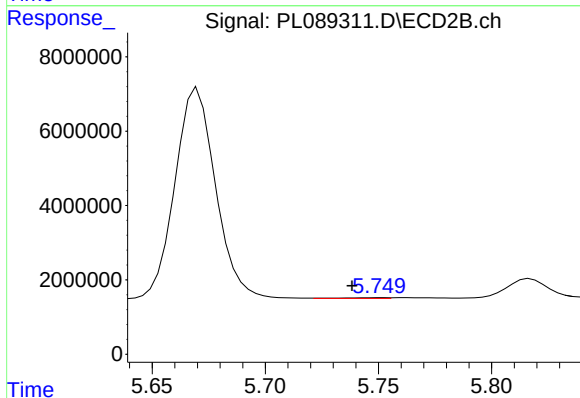
R.T.: 5.064 min
Delta R.T.: -0.008 min
Response: 2417495
Conc: 15.03 ng/ml



#27 Chlordane-5

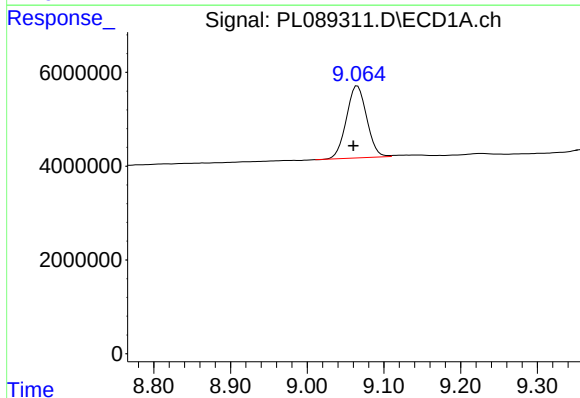
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



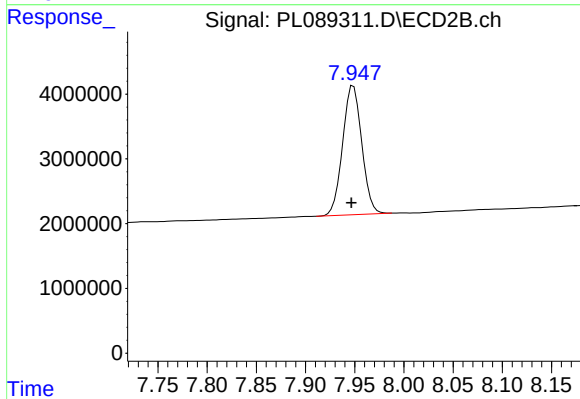
#27 Chlordane-5

R.T.: 5.751 min
Delta R.T.: 0.013 min
Response: 275510
Conc: 5.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 28408565
Conc: 20.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26961995
Conc: 20.04 ng/ml