

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 09:52
 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 10 00:48:05 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	45748915	29738211	22.719	23.178
28)	SA Decachlor...	9.068	7.949	30190043	28797431	21.579	21.408
Target Compounds							
2)	A alpha-BHC	4.006	3.302	33794459	20255495	11.850	10.735
3)	MA gamma-BHC...	4.339	3.633	32095459	19285400	11.529	10.451
4)	MA Heptachlor	4.921	4.004f	518140	38427	0.209	0.022 #
5)	MB Aldrin	5.296f	4.266	2029708	1262144	0.790	0.714
6)	B beta-BHC	4.534	3.930	14565615	10020342	11.546	12.273
7)	B delta-BHC	0.000	4.161	0	939709	N.D.	0.522 #
8)	B Heptachlo...	5.688	4.769	16374239	50764	6.981	0.031 #
9)	A Endosulfan I	6.074	0.000	2365356	0	1.100	N.D. #
10)	B gamma-Chl...	5.923f	5.016	17889609	2684694	7.826	1.636 #
11)	B alpha-Chl...	6.053f	5.092f	3859855	1438150	1.697	0.872 #
12)	B 4,4'-DDE	6.203	5.263	1290508	635233	0.638	0.437 #
13)	MA Dieldrin	6.380f	5.405	2058655	135648	0.920	0.084 #
14)	MA Endrin	6.587	5.670	98771348	78939407	52.140	54.908
15)	B Endosulfa...	6.823f	5.979f	5852671	1100946	2.932	0.765 #
16)	A 4,4'-DDD	6.720	5.817	13805350	4610593	8.183	3.739 #
17)	MA 4,4'-DDT	7.035	6.069	154.4E6	143.9E6	83.947	106.372 #
18)	B Endrin al...	6.934	6.143	4175497	2779860	2.761	2.499
19)	B Endosulfa...	7.163	6.357	62042	59044	0.034	0.043
20)	A Methoxychlor	7.509	6.645	194.9E6	182.5E6	198.204	228.213
21)	B Endrin ke...	7.654	6.872	7346936	5522554	3.670	3.454
22)	Mirex	8.116	0.000	16183	0	0.010	N.D. #
24)	Chlordane-2	0.000	4.400f	0	2971003	N.D.	46.703 #
25)	Chlordane-3	5.923f	5.016	17889609	2684694	54.169	15.680 #
26)	Chlordane-4	6.053f	5.092f	3859855	1438150	9.469	8.941
27)	Chlordane-5	6.881	5.745	405611	472749	4.874	9.237 #

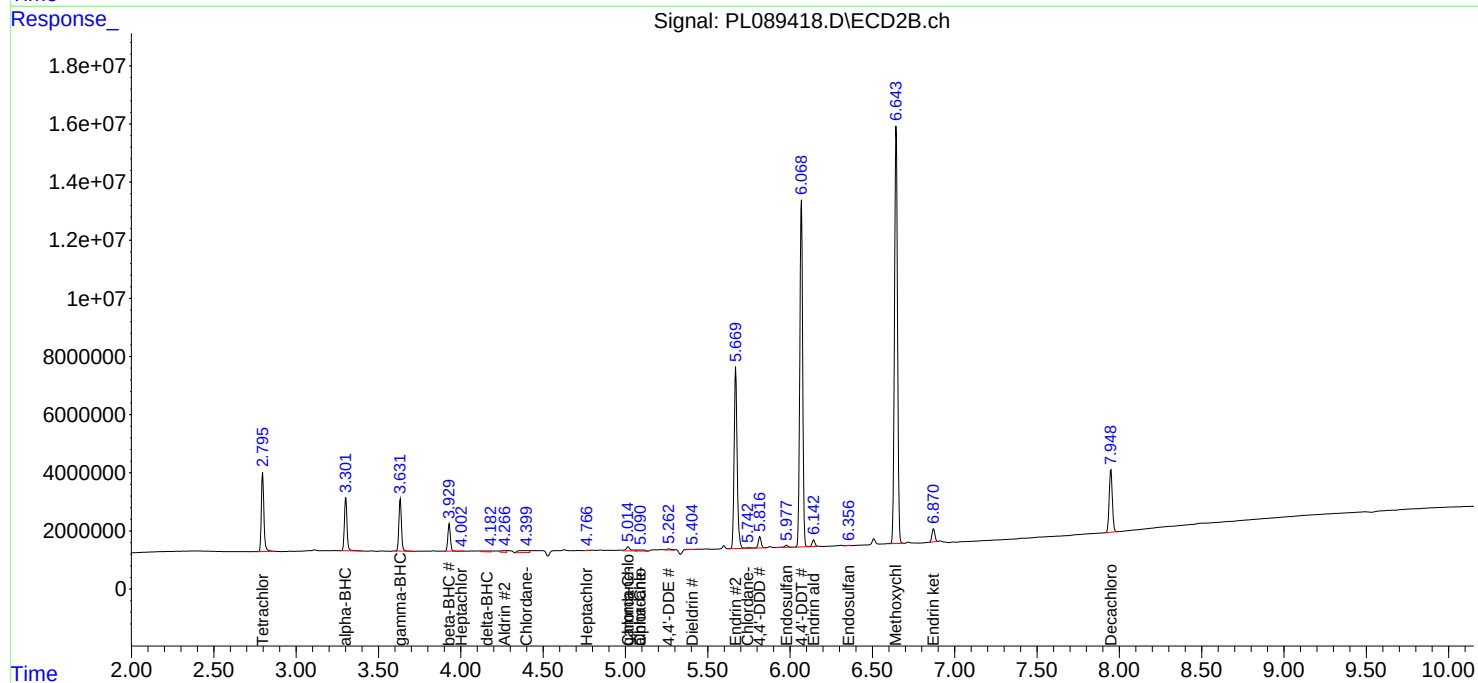
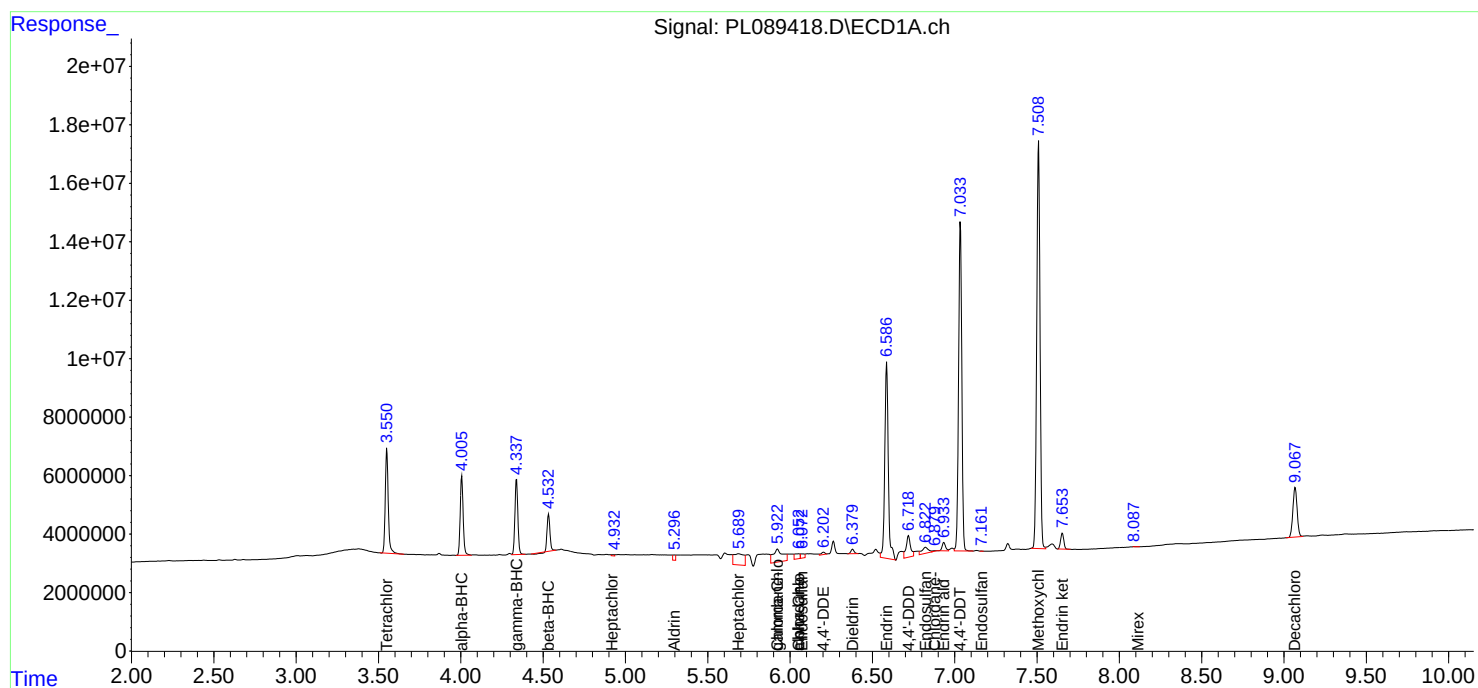
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

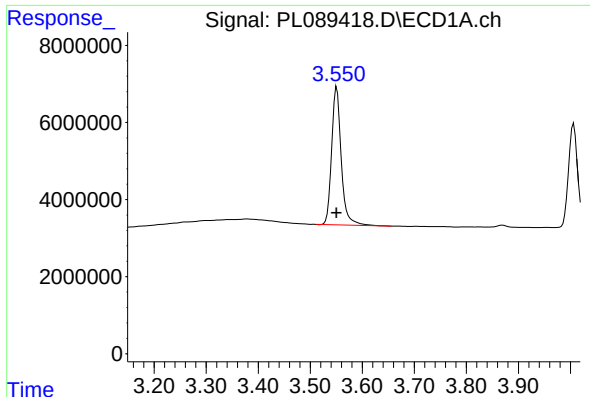
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 09:52
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:48:05 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
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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

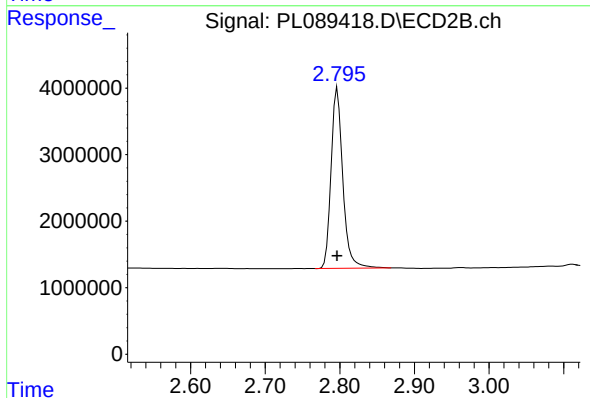




#1 Tetrachloro-m-xylene

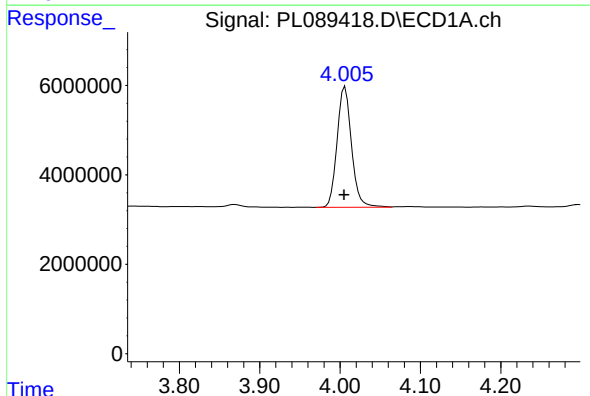
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45748915
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



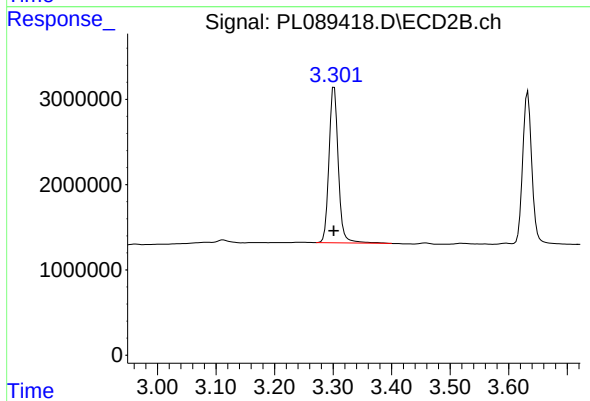
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29738211
Conc: 23.18 ng/ml



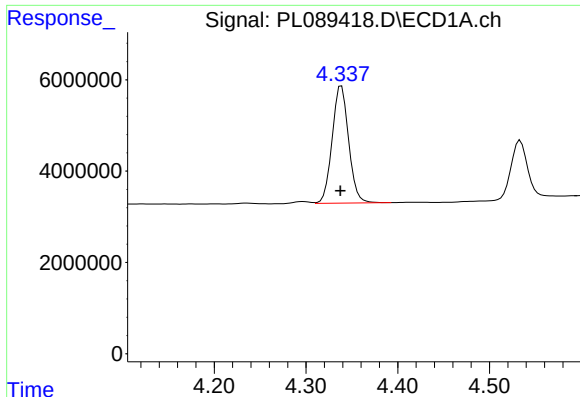
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 33794459
Conc: 11.85 ng/ml



#2 alpha-BHC

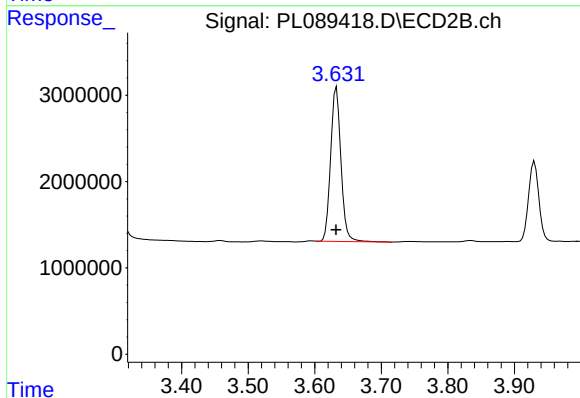
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 20255495
Conc: 10.73 ng/ml



#3 gamma-BHC (Lindane)

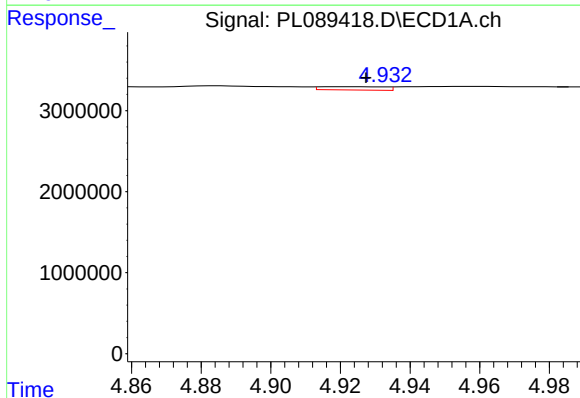
R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 32095459
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



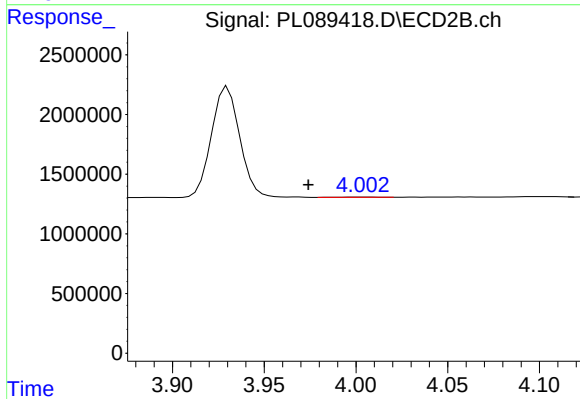
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 19285400
Conc: 10.45 ng/ml



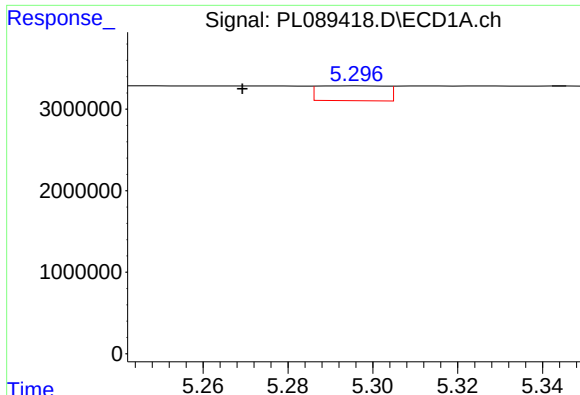
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.006 min
Response: 518140
Conc: 0.21 ng/ml



#4 Heptachlor

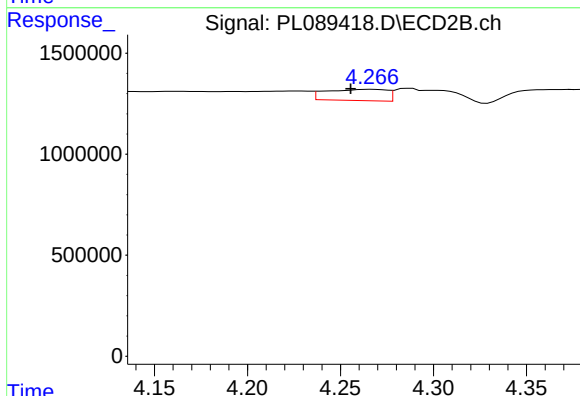
R.T.: 4.004 min
Delta R.T.: 0.030 min
Response: 38427
Conc: 0.02 ng/ml



#5 Aldrin

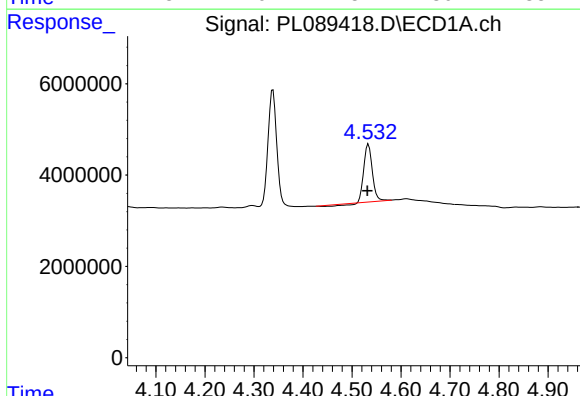
R.T.: 5.296 min
Delta R.T.: 0.027 min
Response: 2029708
Conc: 0.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



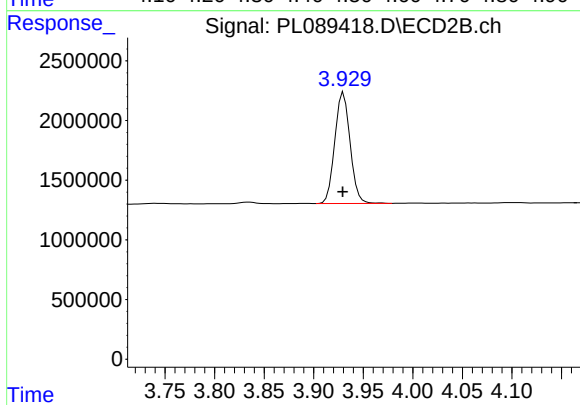
#5 Aldrin

R.T.: 4.266 min
Delta R.T.: 0.011 min
Response: 1262144
Conc: 0.71 ng/ml



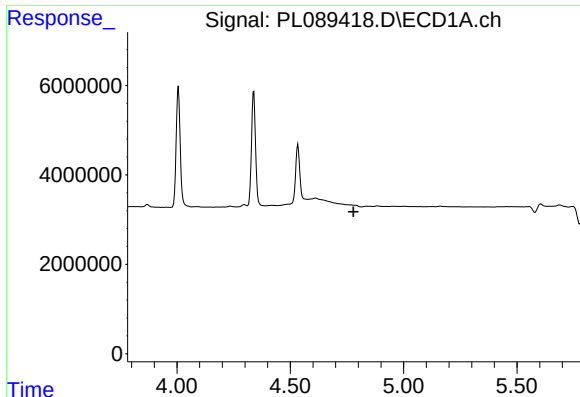
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 14565615
Conc: 11.55 ng/ml



#6 beta-BHC

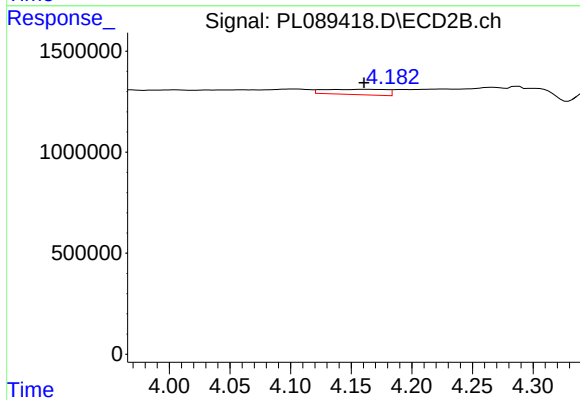
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 10020342
Conc: 12.27 ng/ml



#7 delta-BHC

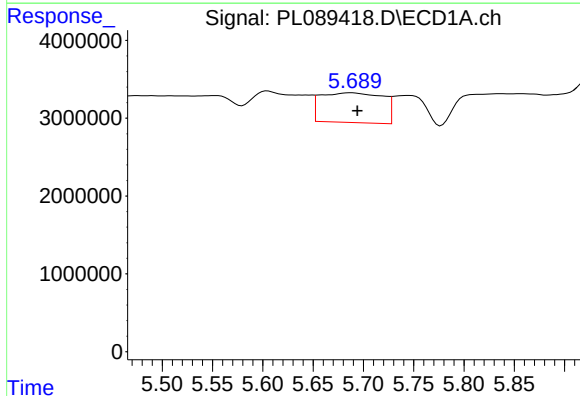
R.T.: 0.000 min
Exp R.T.: 4.779 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



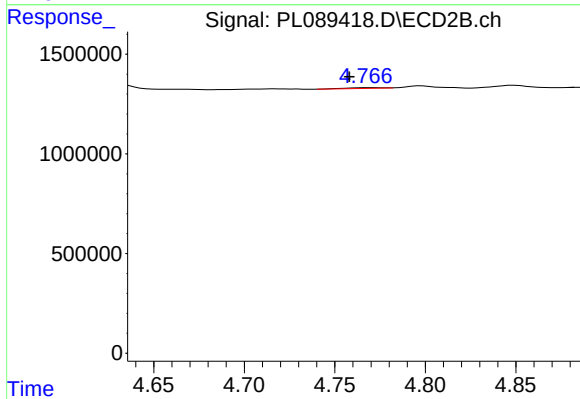
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 939709
Conc: 0.52 ng/ml



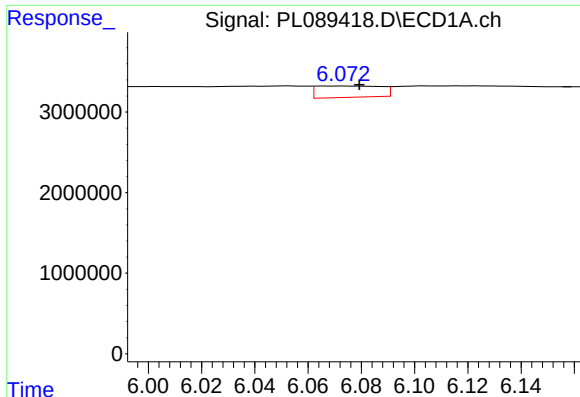
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 16374239
Conc: 6.98 ng/ml



#8 Heptachlor epoxide

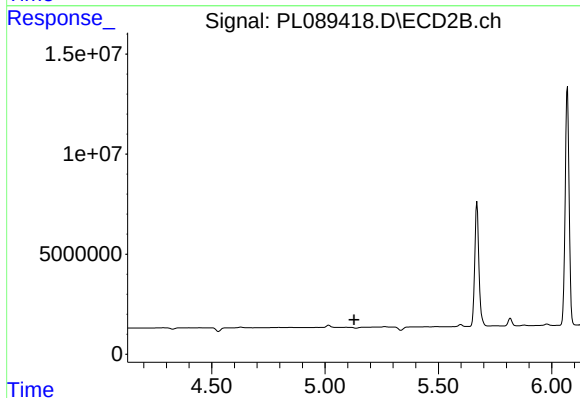
R.T.: 4.769 min
Delta R.T.: 0.010 min
Response: 50764
Conc: 0.03 ng/ml



#9 Endosulfan I

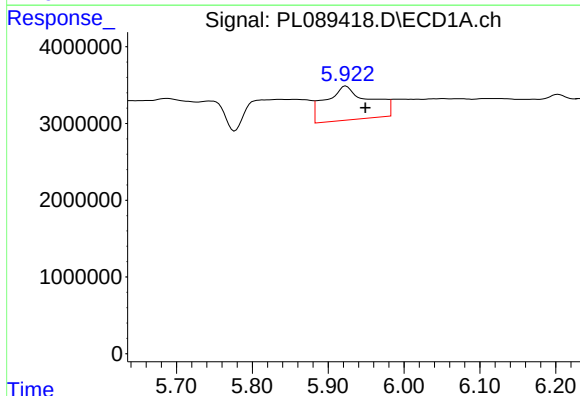
R.T.: 6.074 min
Delta R.T.: -0.005 min
Response: 2365356
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



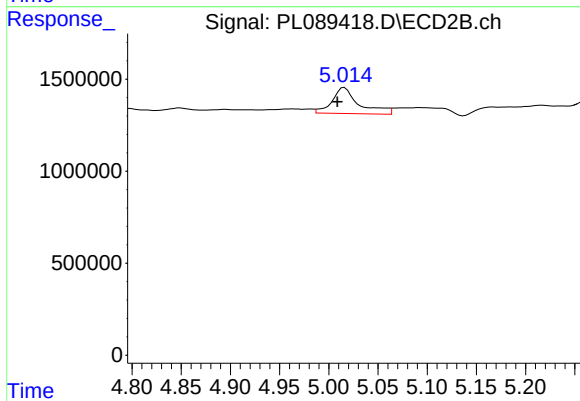
#9 Endosulfan I

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



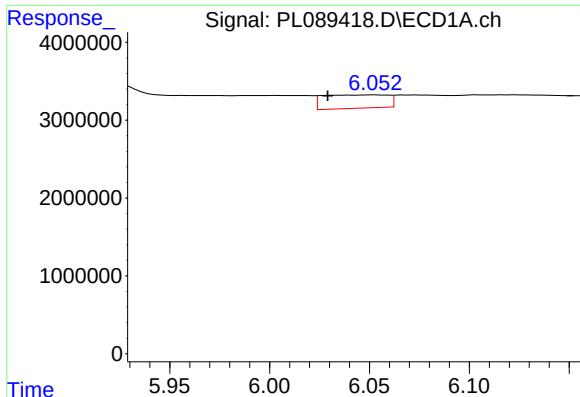
#10 gamma-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.026 min
Response: 17889609
Conc: 7.83 ng/ml



#10 gamma-Chlordane

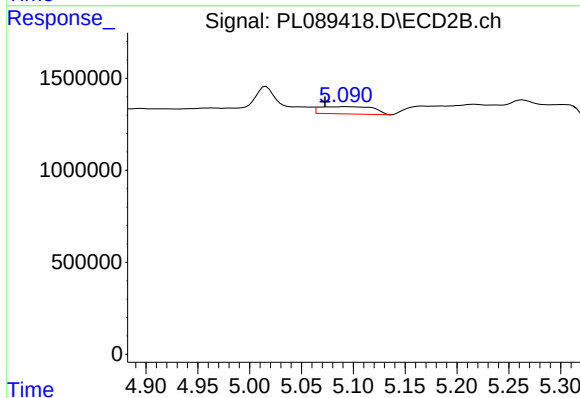
R.T.: 5.016 min
Delta R.T.: 0.007 min
Response: 2684694
Conc: 1.64 ng/ml



#11 alpha-Chlordane

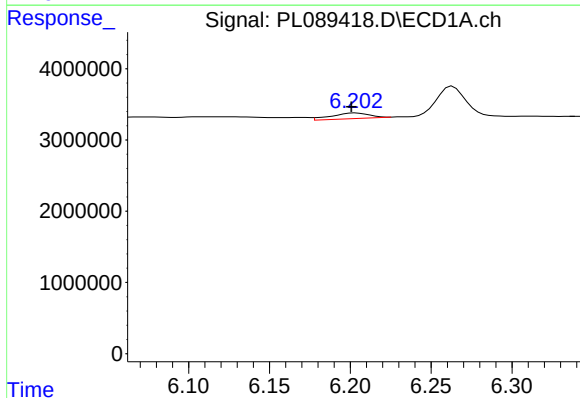
R.T.: 6.053 min
Delta R.T.: 0.024 min
Response: 3859855
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



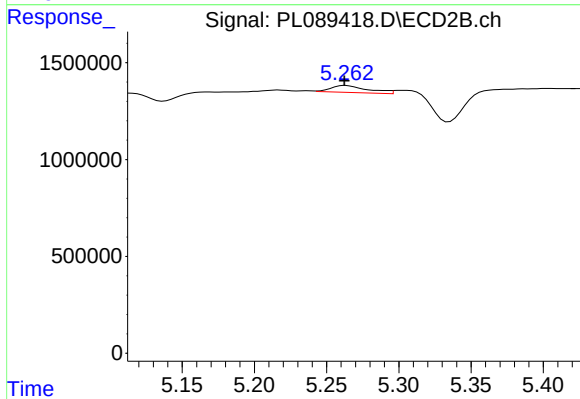
#11 alpha-Chlordane

R.T.: 5.092 min
Delta R.T.: 0.019 min
Response: 1438150
Conc: 0.87 ng/ml



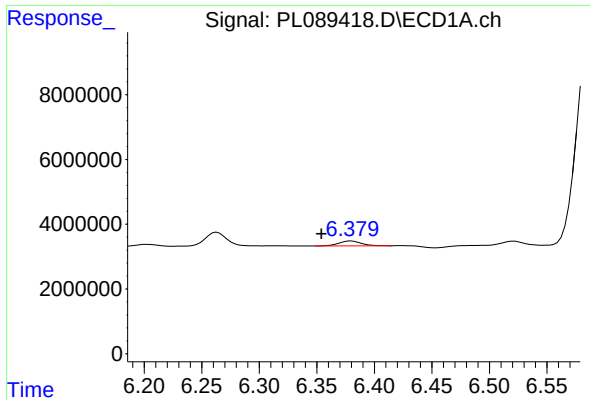
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 1290508
Conc: 0.64 ng/ml



#12 4,4'-DDE

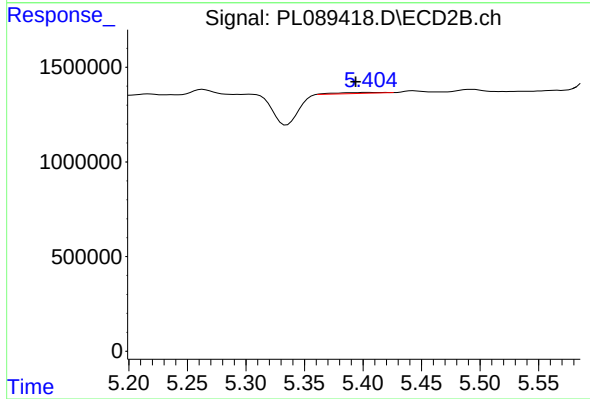
R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 635233
Conc: 0.44 ng/ml



#13 Dieldrin

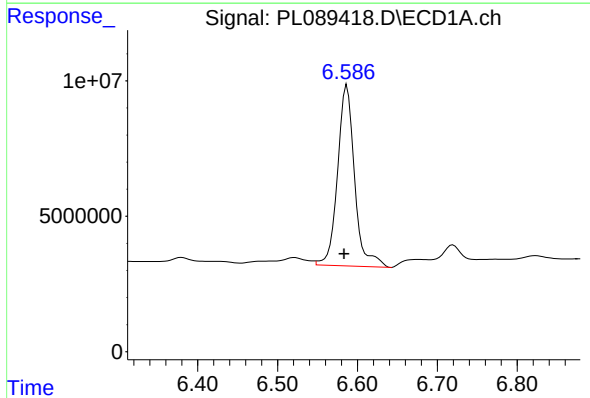
R.T.: 6.380 min
Delta R.T.: 0.026 min
Response: 2058655
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



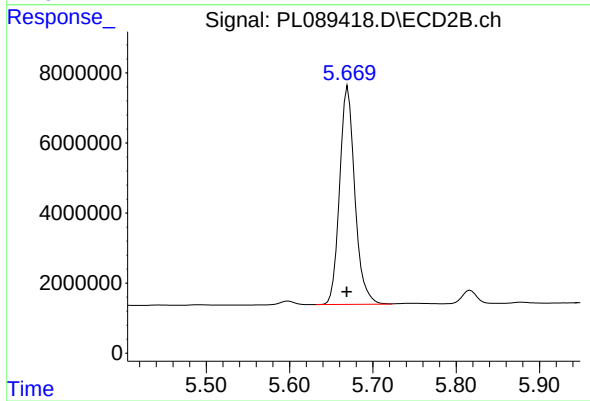
#13 Dieldrin

R.T.: 5.405 min
Delta R.T.: 0.011 min
Response: 135648
Conc: 0.08 ng/ml



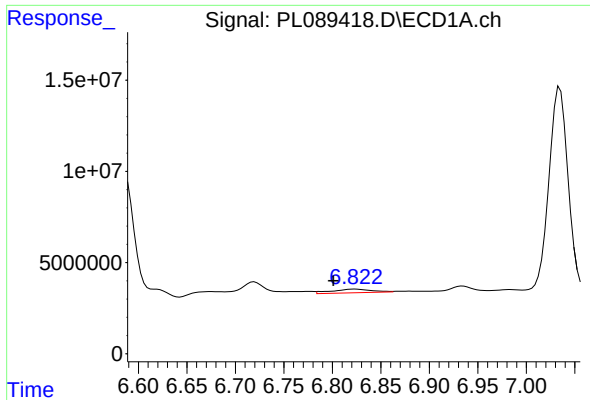
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.004 min
Response: 98771348
Conc: 52.14 ng/ml



#14 Endrin

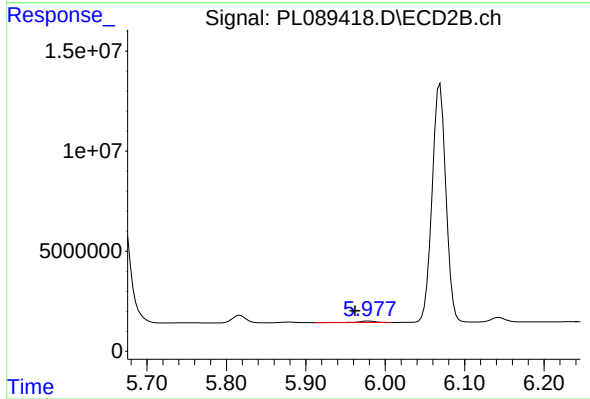
R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 78939407
Conc: 54.91 ng/ml



#15 Endosulfan II

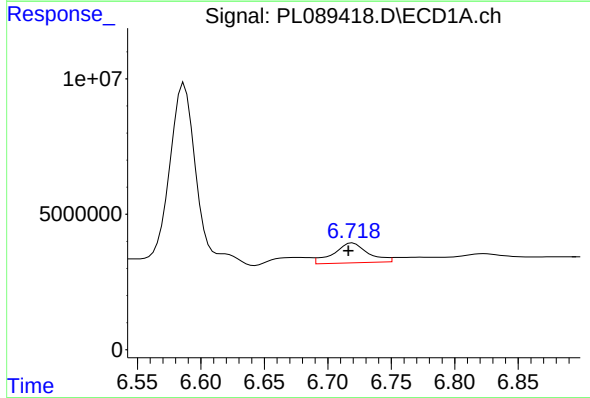
R.T.: 6.823 min
Delta R.T.: 0.022 min
Response: 5852671
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



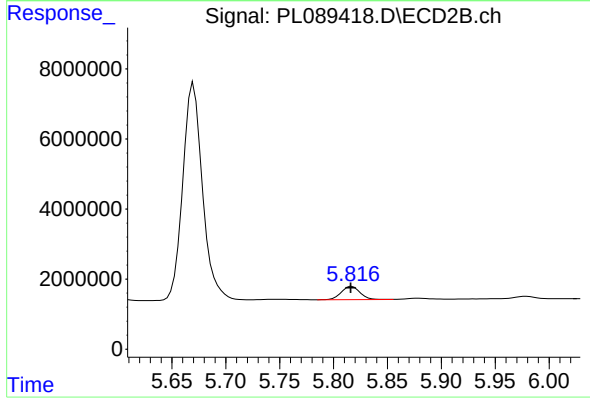
#15 Endosulfan II

R.T.: 5.979 min
Delta R.T.: 0.017 min
Response: 1100946
Conc: 0.77 ng/ml



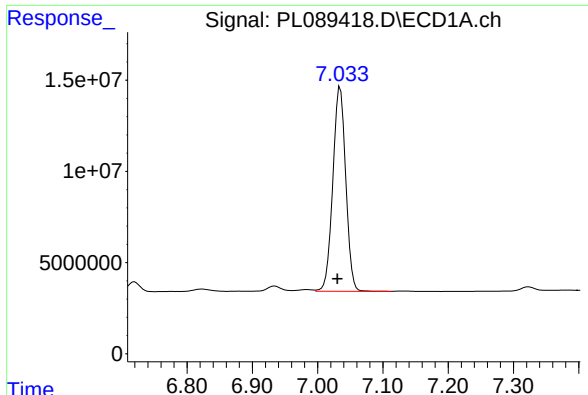
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 13805350
Conc: 8.18 ng/ml



#16 4,4'-DDD

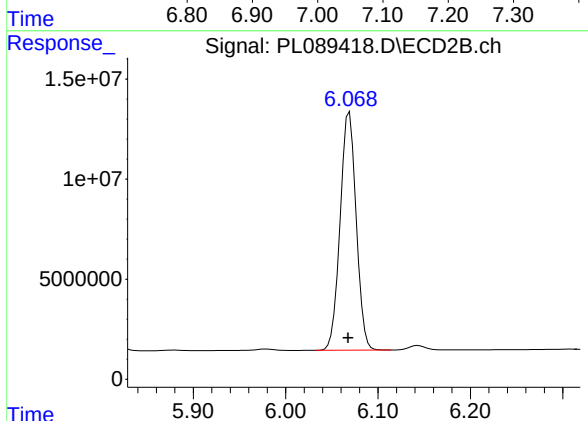
R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 4610593
Conc: 3.74 ng/ml



#17 4,4'-DDT

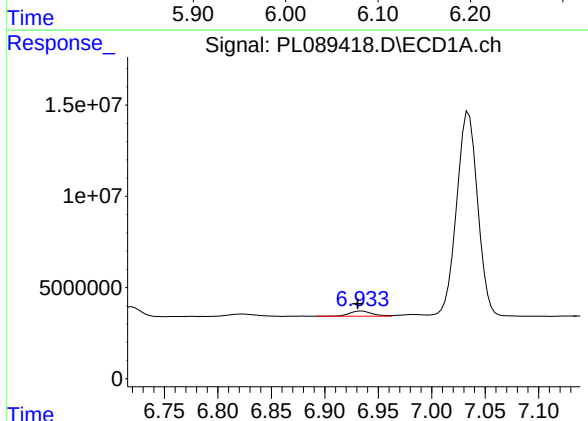
R.T.: 7.035 min
Delta R.T.: 0.004 min
Response: 154377126
Conc: 83.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



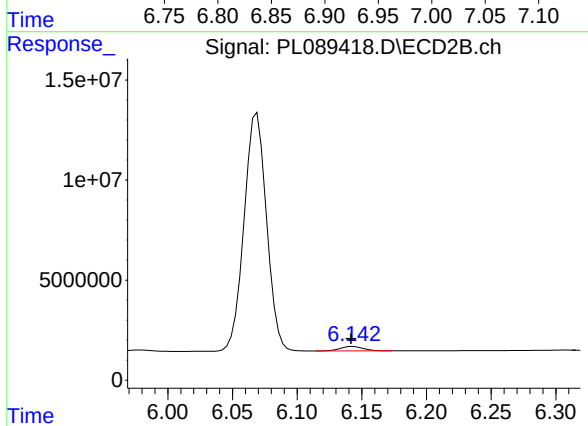
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 143919575
Conc: 106.37 ng/ml



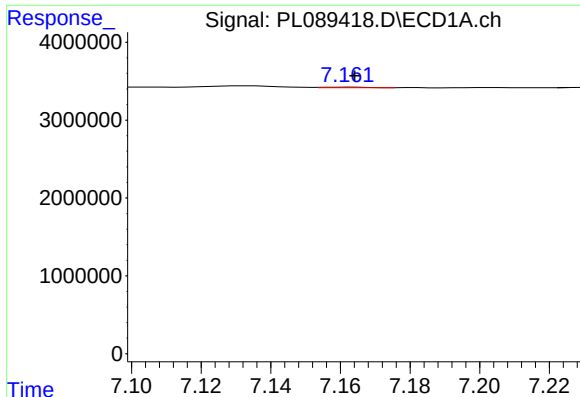
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 4175497
Conc: 2.76 ng/ml



#18 Endrin aldehyde

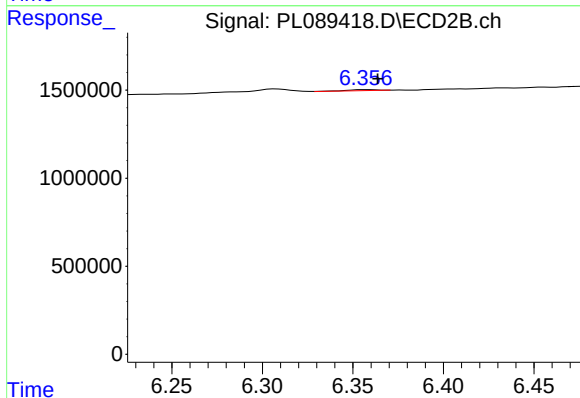
R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 2779860
Conc: 2.50 ng/ml



#19 Endosulfan Sulfate

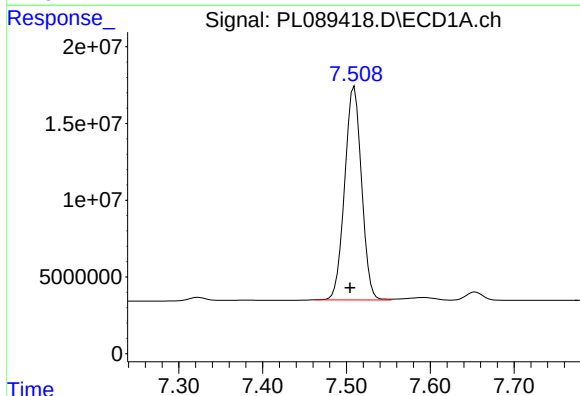
R.T.: 7.163 min
Delta R.T.: -0.002 min
Response: 62042
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



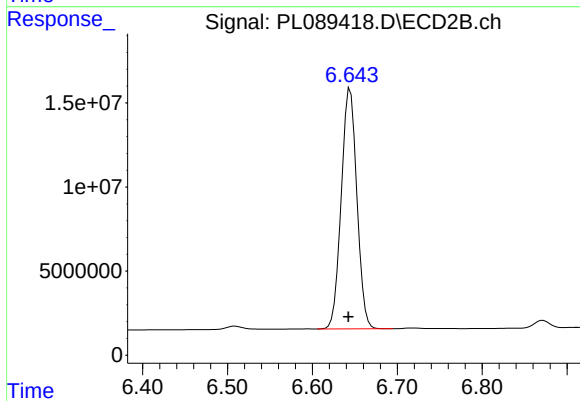
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: -0.007 min
Response: 59044
Conc: 0.04 ng/ml



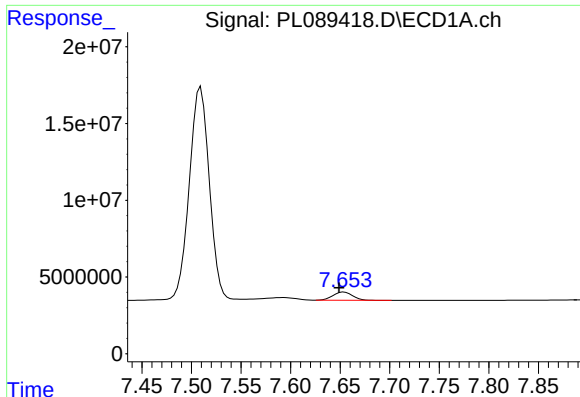
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.005 min
Response: 194914372
Conc: 198.20 ng/ml



#20 Methoxychlor

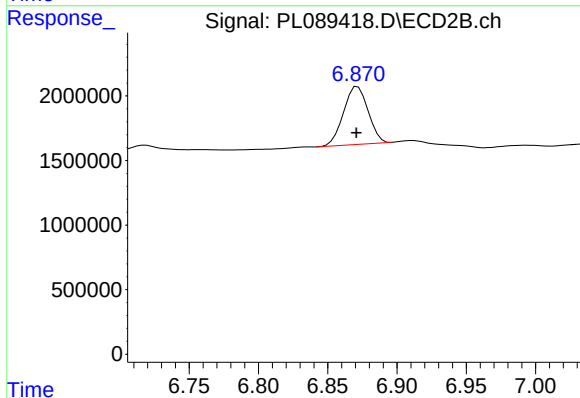
R.T.: 6.645 min
Delta R.T.: 0.002 min
Response: 182475487
Conc: 228.21 ng/ml



#21 Endrin ketone

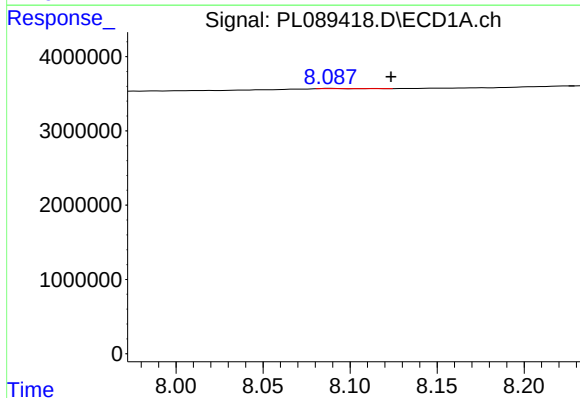
R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 7346936
Conc: 3.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



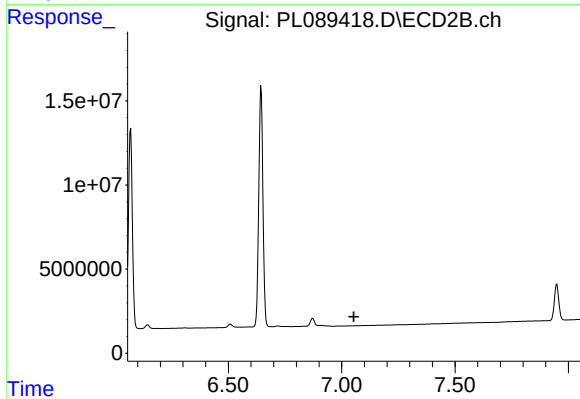
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 5522554
Conc: 3.45 ng/ml



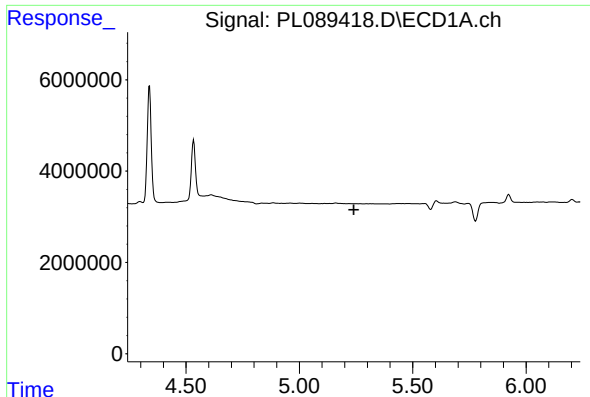
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.008 min
Response: 16183
Conc: 0.01 ng/ml



#22 Mirex

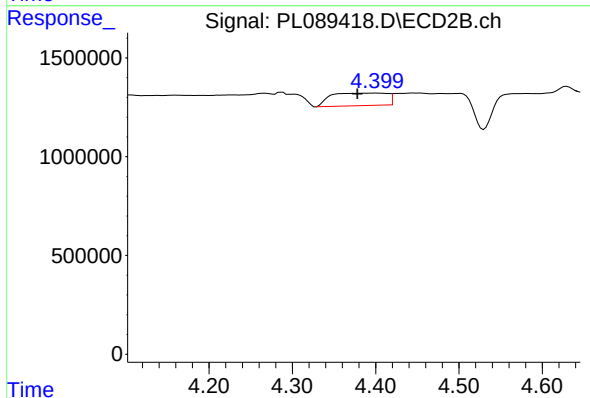
R.T.: 0.000 min
Exp R.T.: 7.054 min
Response: 0
Conc: N.D.



#24 Chlordane-2

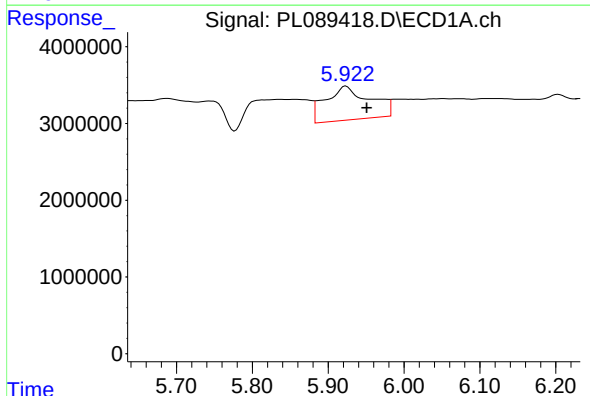
R.T.: 0.000 min
Exp R.T.: 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



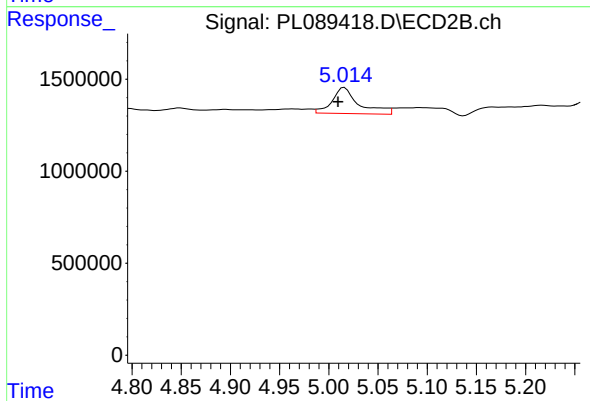
#24 Chlordane-2

R.T.: 4.400 min
Delta R.T.: 0.022 min
Response: 2971003
Conc: 46.70 ng/ml



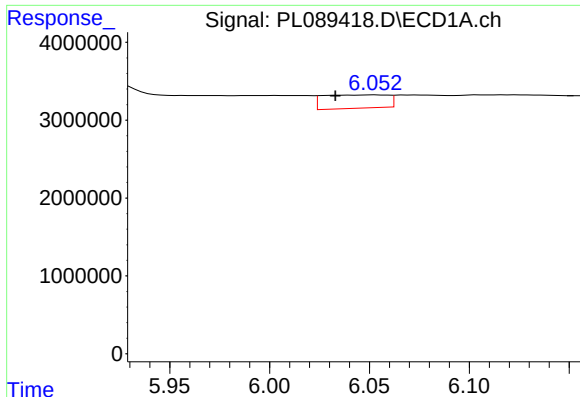
#25 Chlordane-3

R.T.: 5.923 min
Delta R.T.: -0.027 min
Response: 17889609
Conc: 54.17 ng/ml



#25 Chlordane-3

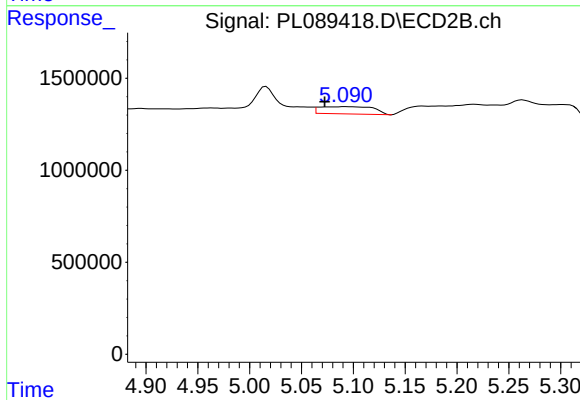
R.T.: 5.016 min
Delta R.T.: 0.006 min
Response: 2684694
Conc: 15.68 ng/ml



#26 Chlordane-4

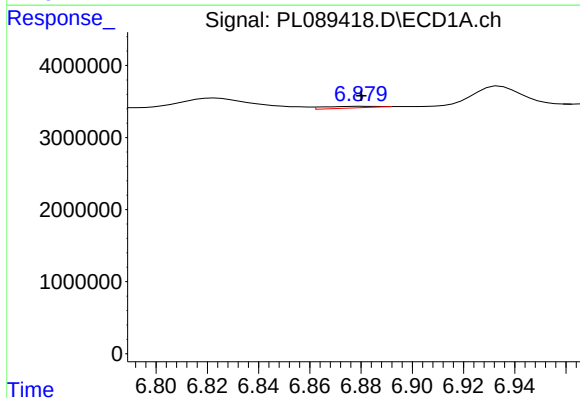
R.T.: 6.053 min
Delta R.T.: 0.020 min
Response: 3859855
Conc: 9.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



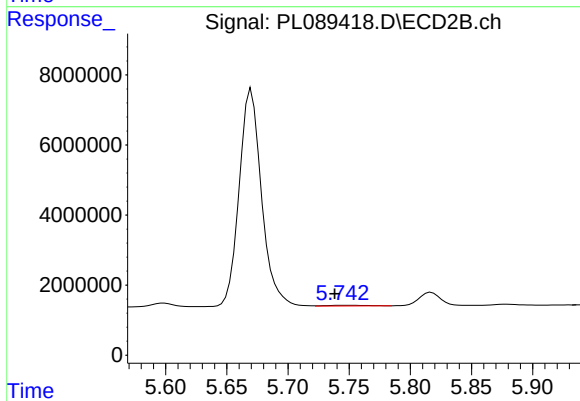
#26 Chlordane-4

R.T.: 5.092 min
Delta R.T.: 0.020 min
Response: 1438150
Conc: 8.94 ng/ml



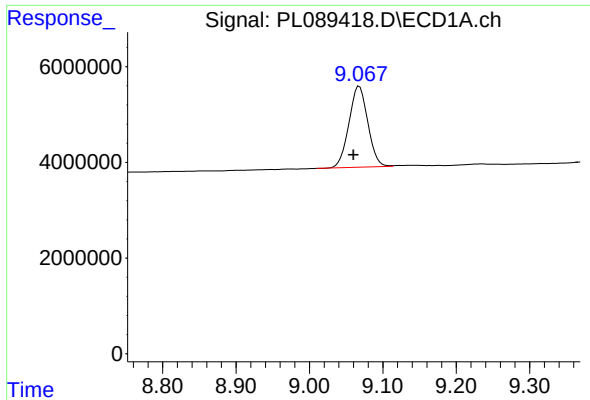
#27 Chlordane-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 405611
Conc: 4.87 ng/ml



#27 Chlordane-5

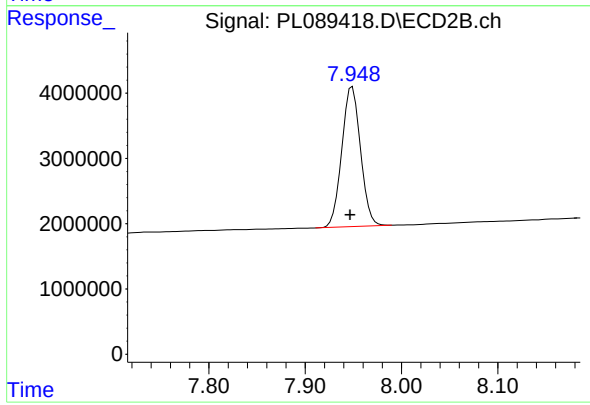
R.T.: 5.745 min
Delta R.T.: 0.007 min
Response: 472749
Conc: 9.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.008 min
Response: 30190043
Conc: 21.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28797431
Conc: 21.41 ng/ml