Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060824\
Data File : PL090025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2024 17:31
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 07 04:49:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 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...	3.549	2.792	42682279	30813511	20.386	21.490	
28)	SA Decachlor...	9.063	7.940	33392035	27515380	22.710	18.516	
	Target Compounds							
2)	A alpha-BHC	4.004	3.296	31731522	20947822	10.643	9.800	
3)	MA gamma-BHC...	4.336	3.627	30468593	19632749	10.484	9.387	
4)	MA Heptachlor	4.925	0.000	1452674	0	0.556	N.D.	#
5)	MB Aldrin	0.000	4.261	0	555747	N.D.	0.278	#
6)	B beta-BHC	4.531	3.925	13196546	10293239	10.103	11.252	
7)	B delta-BHC	4.768	4.152	1298289	13078	0.471	0.006	#
8)	B Heptachlo...	5.687	4.760	2058744	8953	0.827	0.005	#
9)	A Endosulfan I	0.000	5.113	0	147769	N.D.	0.086	#
10)	B gamma-Chl...	5.926f	5.015	487173	774649	0.201	0.416	#
11)	B alpha-Chl...	0.000	5.090f	0	606119	N.D.	0.323	#
13)	MA Dieldrin	0.000	5.371f	0	251081	N.D.	0.136	#
14)	MA Endrin	6.583	5.663	76075705	78130517	37.840	47.699	#
15)	B Endosulfa...	6.826f	5.975	1444297	259065	0.693	0.161	#
16)	A 4,4'-DDD	6.721	5.812	2756055	619637	1.573	0.440	#
17)	MA 4,4'-DDT	7.032	6.061	142.7E6	160.1E6	77.502	105.444	#
18)	B Endrin al...	6.933	6.138	462367	1878439	0.298	1.548	#
19)	B Endosulfa...	7.140f	0.000	5636505	0	2.945	N.D.	#
20)	A Methoxychlor	7.507	6.636	193.4E6	213.4E6	196.905	239.922	
21)	B Endrin ke...	7.650	6.864	14042105	3132896	6.669	1.719	#
23)	Chlordane-1	4.709	3.828f	444812	461829	4.102	7.042	#
24)	Chlordane-2	0.000	4.358	0	4277299	N.D.	53.619	#
25)	Chlordane-3	5.926f	5.015	487173	774649	1.217	3.480	#
26)	Chlordane-4	0.000	5.090f	0	606119	N.D.	2.867	#
27)	Chlordane-5	6.873	5.756f	609091	407730	6.268	6.006	

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

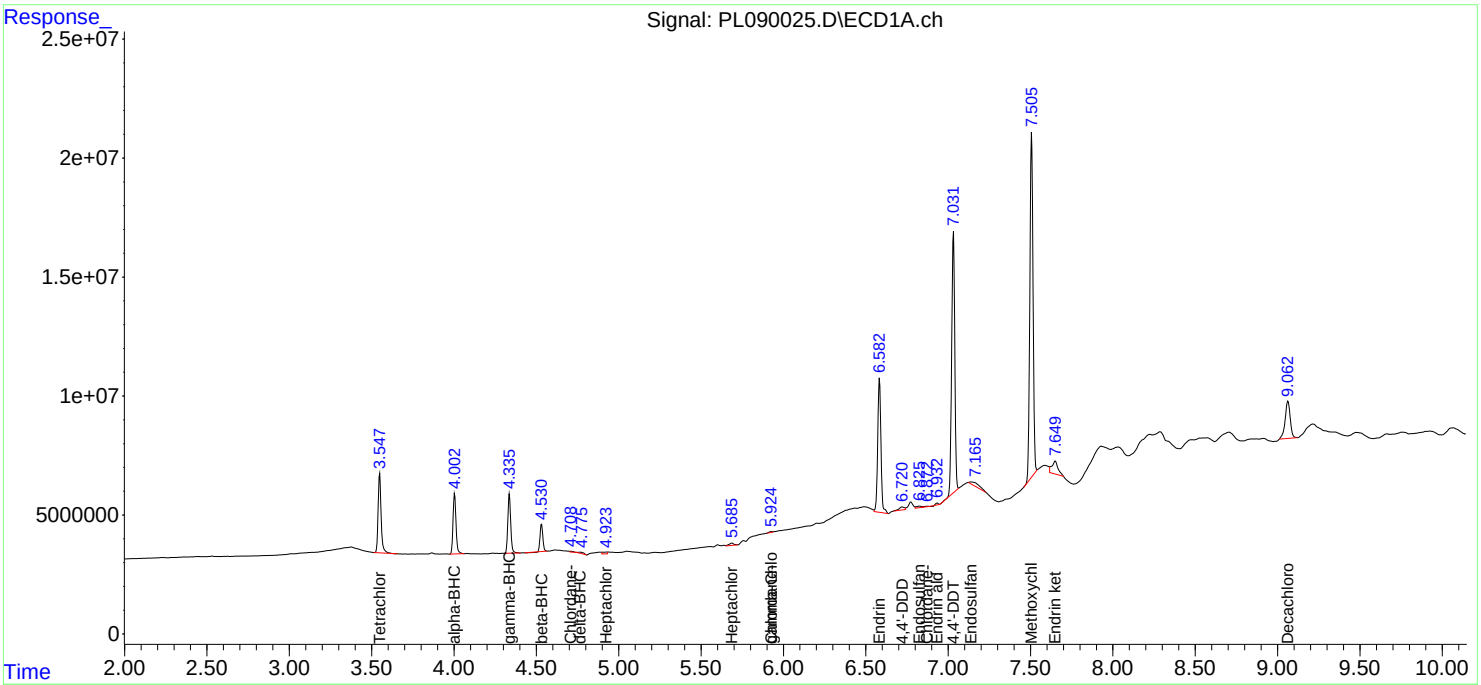
Quantitation Report (Not Reviewed)

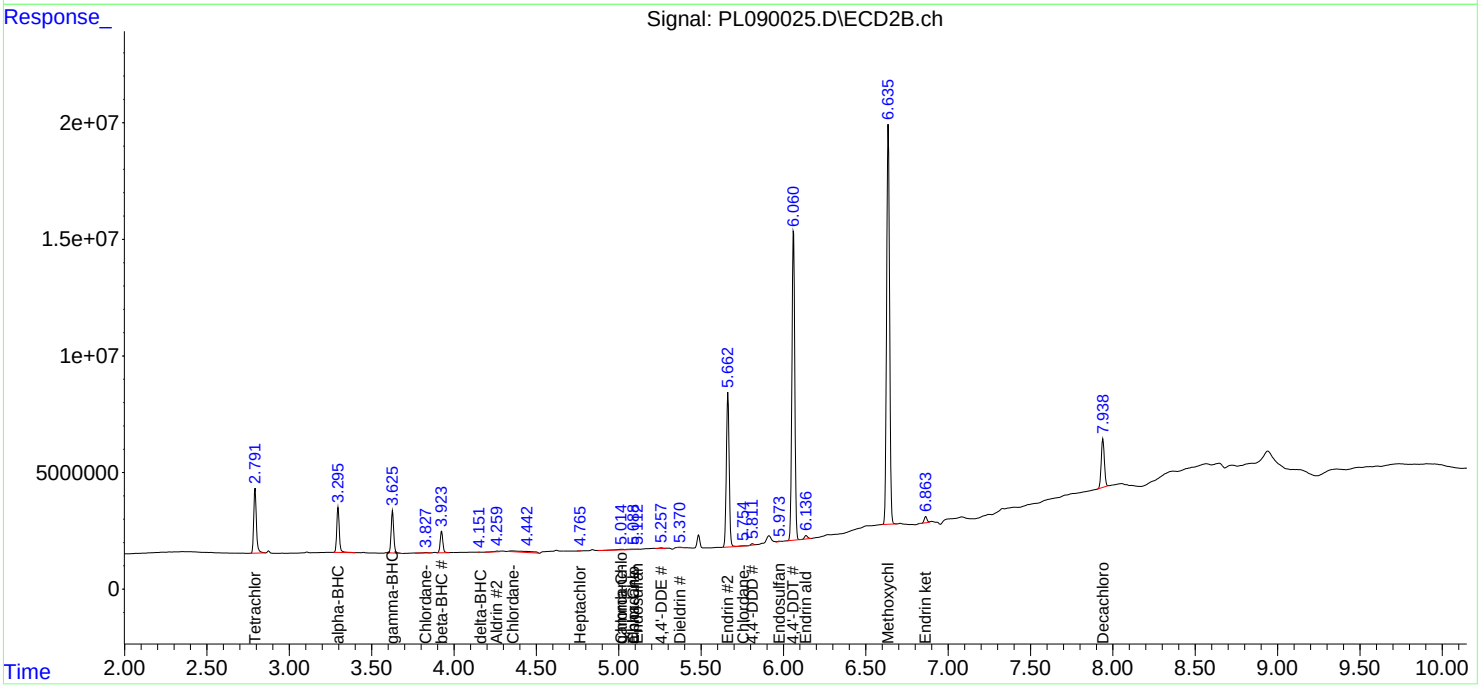
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060824\
Data File : PL090025.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2024 17:31
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

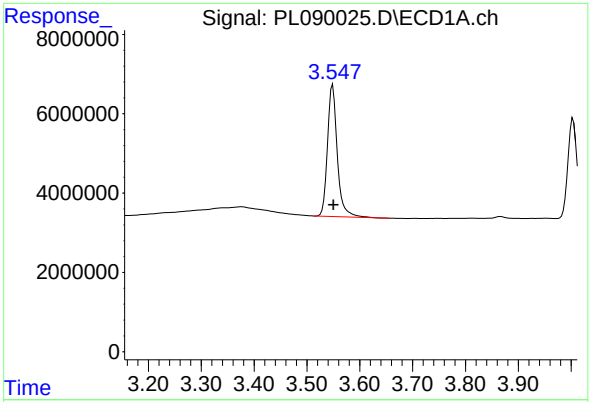
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 07 04:49:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 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



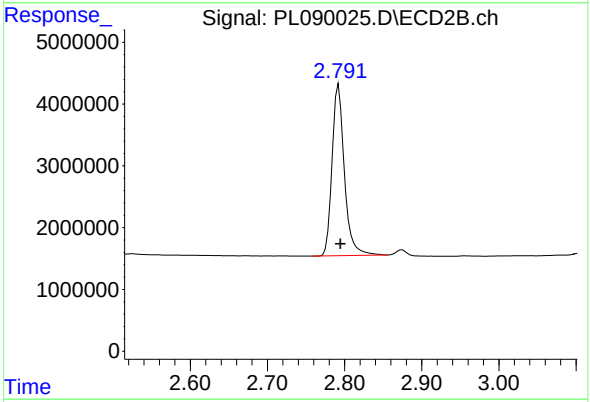




#1 Tetrachloro-m-xylene

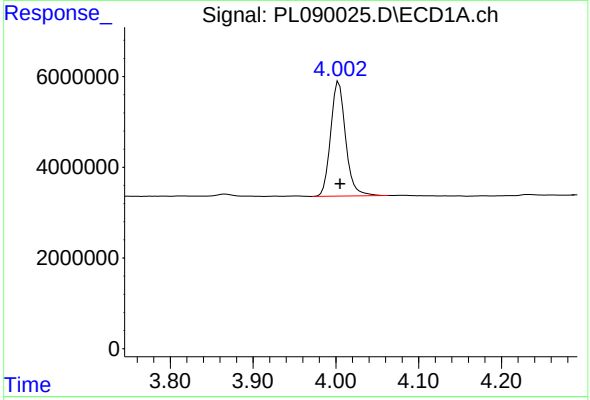
R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 42682279
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



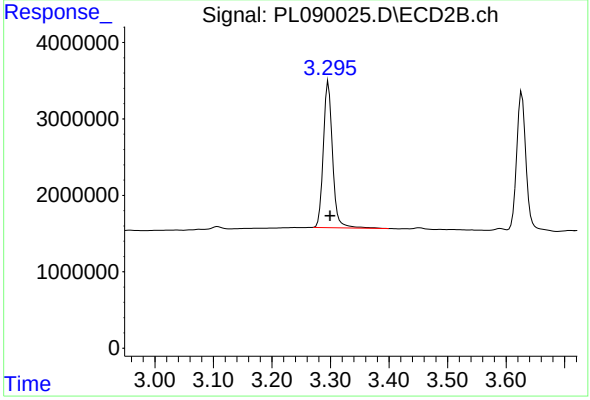
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: -0.002 min
Response: 30813511
Conc: 21.49 ng/ml



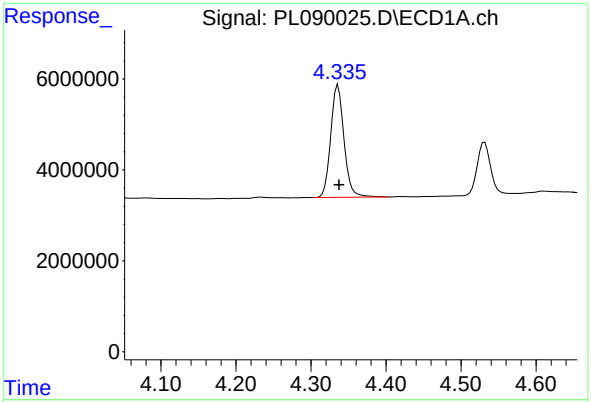
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 31731522
Conc: 10.64 ng/ml



#2 alpha-BHC

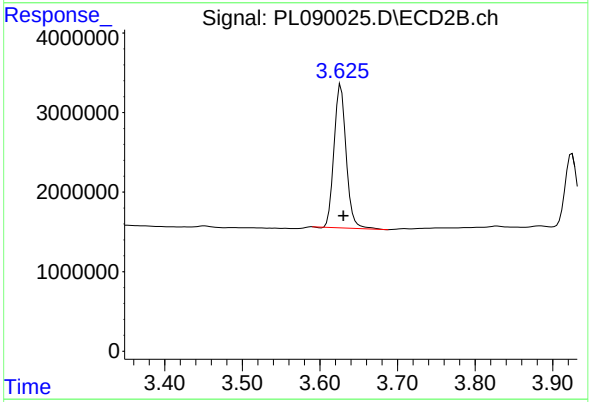
R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 20947822
Conc: 9.80 ng/ml



#3 gamma-BHC (Lindane)

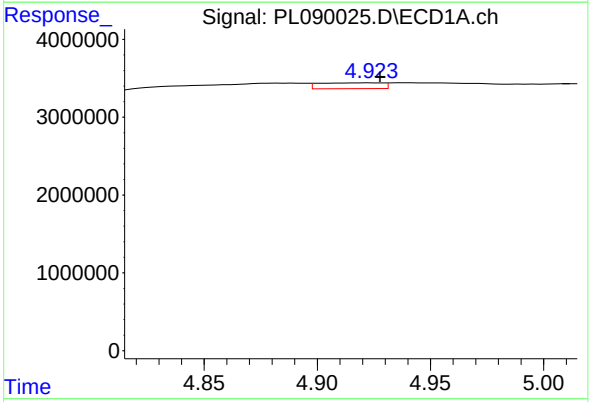
R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 30468593
Conc: 10.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



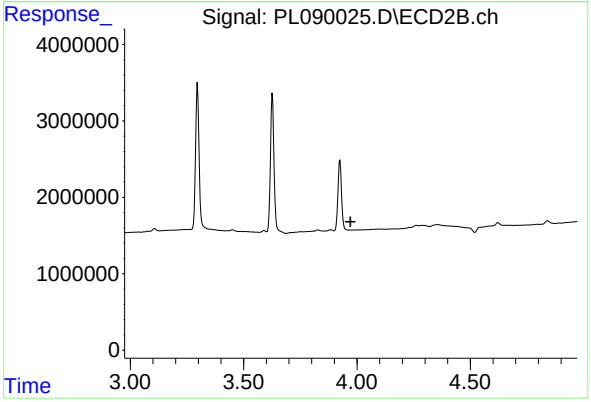
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 19632749
Conc: 9.39 ng/ml



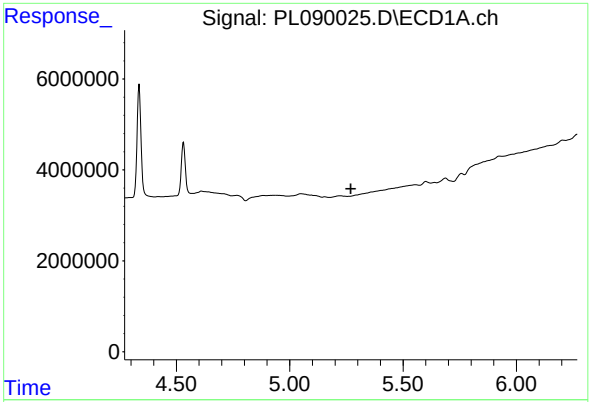
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.003 min
Response: 1452674
Conc: 0.56 ng/ml



#4 Heptachlor

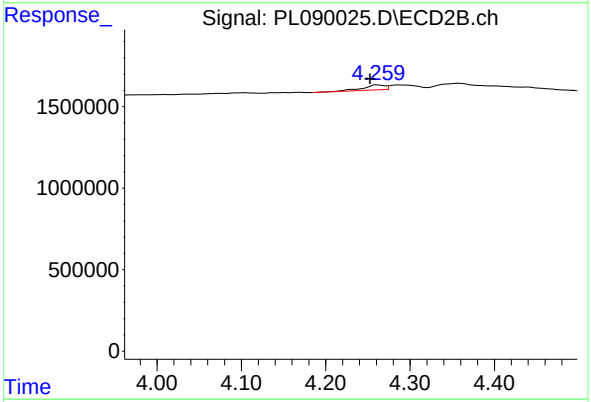
R.T.: 0.000 min
Exp R.T. : 3.972 min
Response: 0
Conc: N.D.



#5 Aldrin

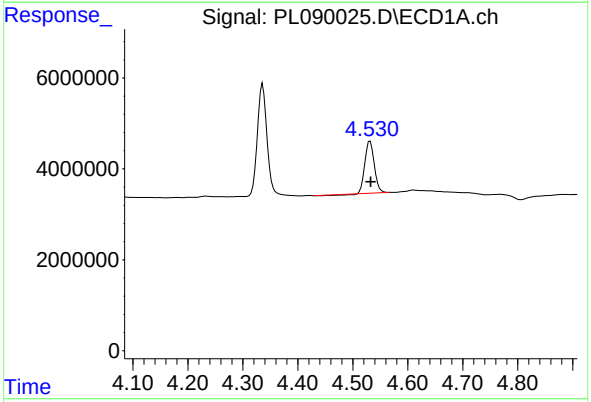
R.T.: 0.000 min
Exp R.T. : 5.270 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



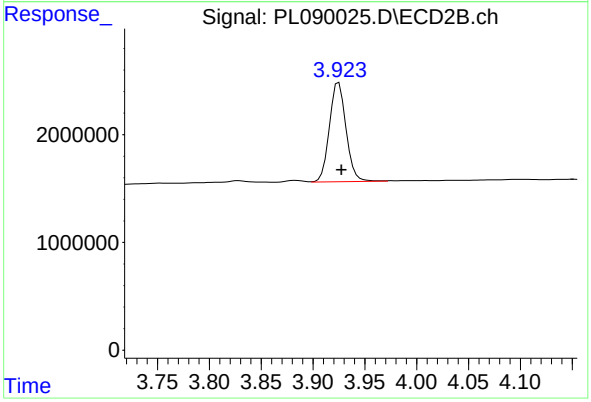
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: 0.009 min
Response: 555747
Conc: 0.28 ng/ml



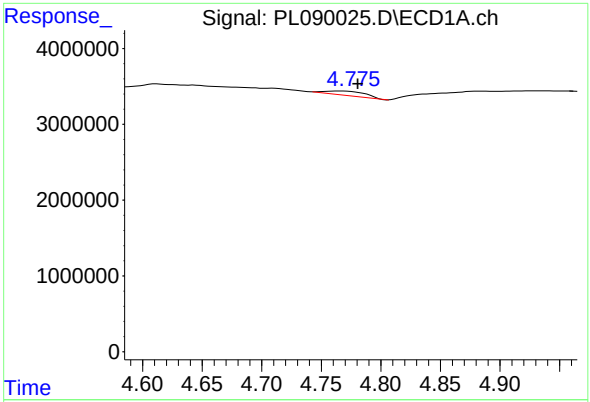
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 13196546
Conc: 10.10 ng/ml



#6 beta-BHC

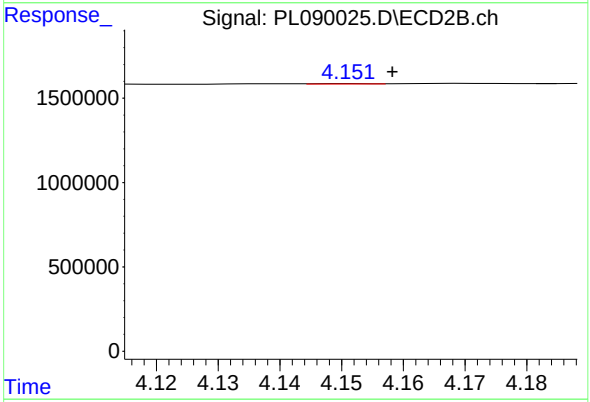
R.T.: 3.925 min
Delta R.T.: -0.003 min
Response: 10293239
Conc: 11.25 ng/ml



#7 delta-BHC

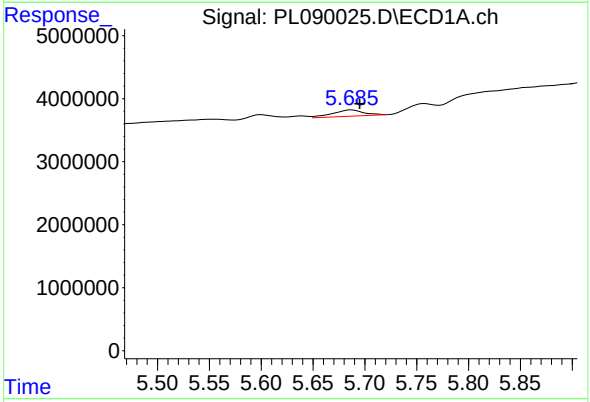
R.T.: 4.768 min
Delta R.T.: -0.013 min
Response: 1298289
Conc: 0.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



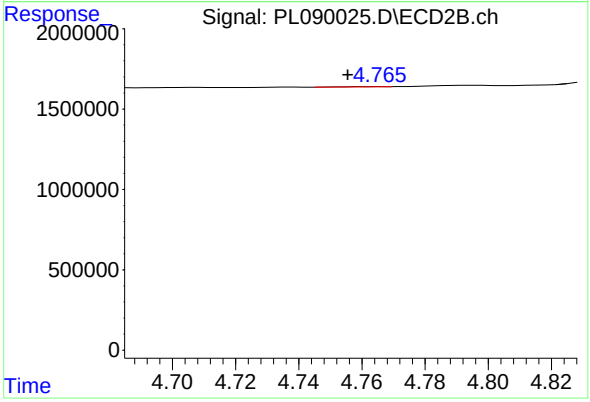
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.006 min
Response: 13078
Conc: 0.01 ng/ml



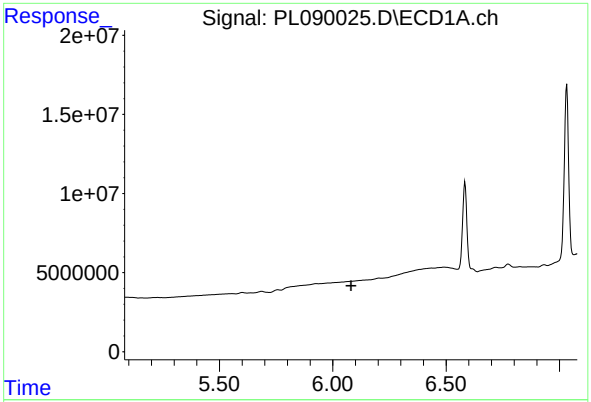
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.008 min
Response: 2058744
Conc: 0.83 ng/ml



#8 Heptachlor epoxide

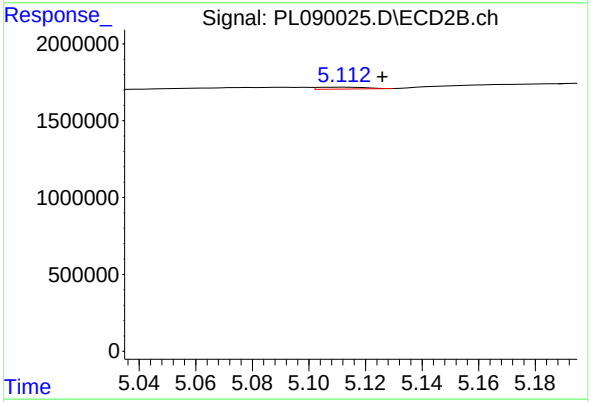
R.T.: 4.760 min
Delta R.T.: 0.005 min
Response: 8953
Conc: 0.00 ng/ml



#9 Endosulfan I

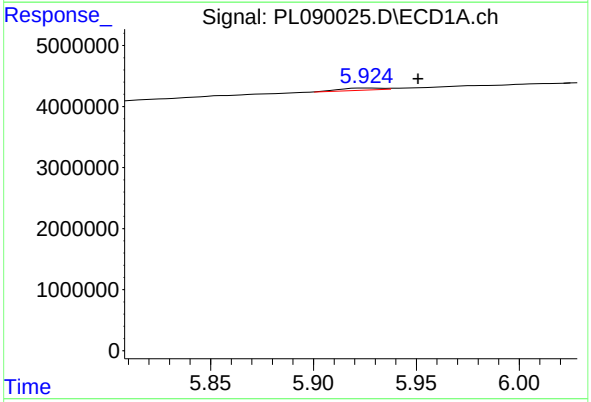
R.T.: 0.000 min
Exp R.T. : 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



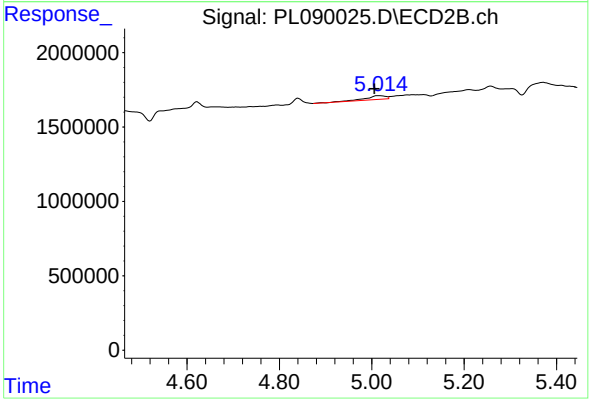
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.013 min
Response: 147769
Conc: 0.09 ng/ml



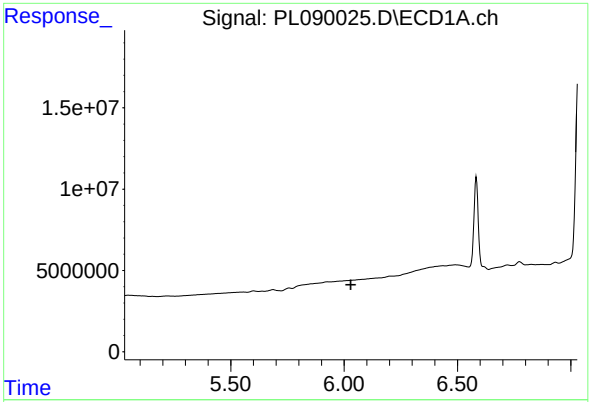
#10 gamma-Chlordane

R.T.: 5.926 min
Delta R.T.: -0.025 min
Response: 487173
Conc: 0.20 ng/ml



#10 gamma-Chlordane

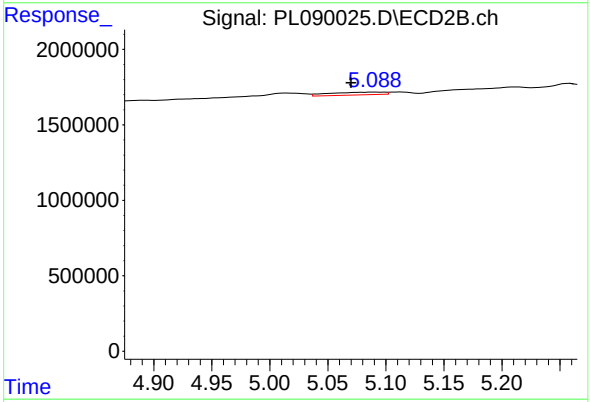
R.T.: 5.015 min
Delta R.T.: 0.009 min
Response: 774649
Conc: 0.42 ng/ml



#11 alpha-Chlordane

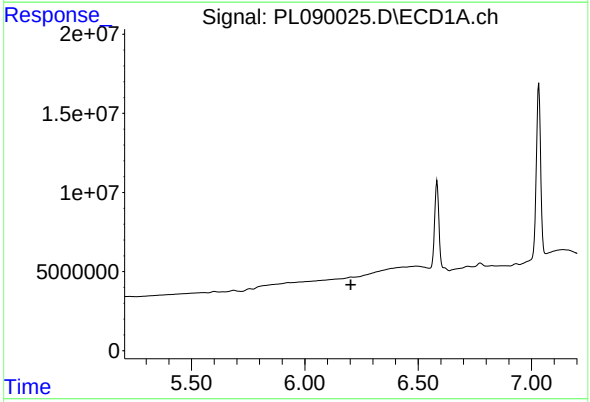
R.T.: 0.000 min
Exp R.T. : 6.030 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



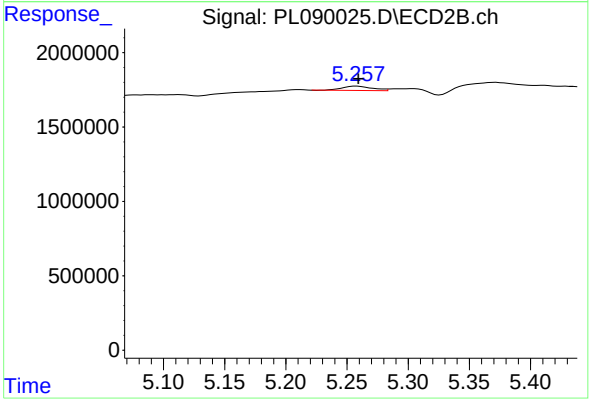
#11 alpha-Chlordane

R.T.: 5.090 min
Delta R.T.: 0.020 min
Response: 606119
Conc: 0.32 ng/ml



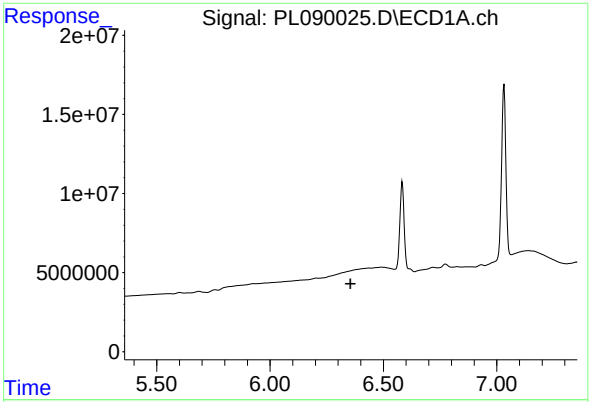
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: -1679484
Conc: N.D.



#12 4,4'-DDE

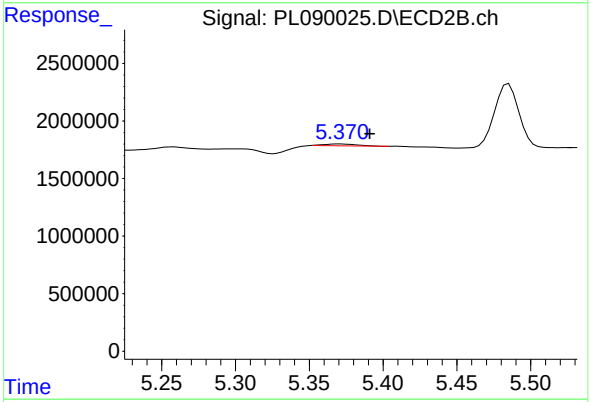
R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 506691
Conc: 0.30 ng/ml



#13 Dieldrin

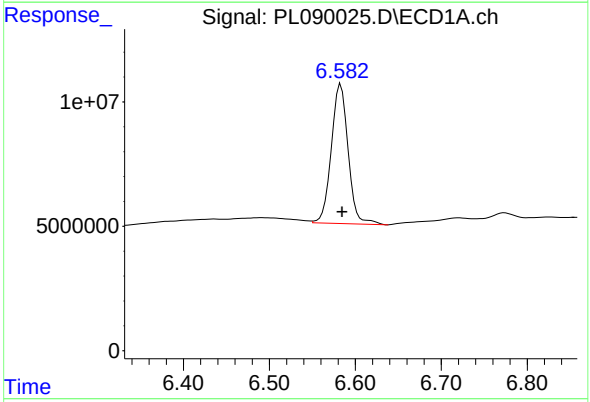
R.T.: 0.000 min
Exp R.T. : 6.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



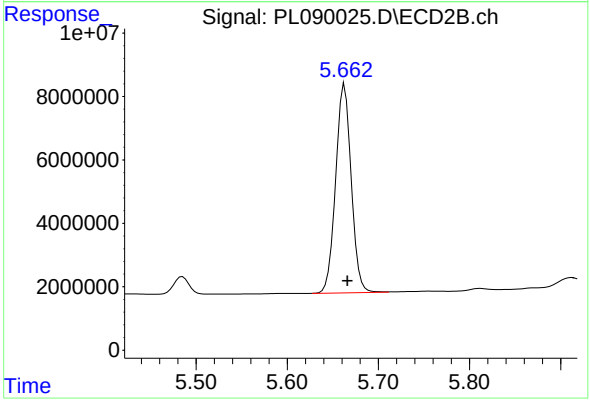
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.020 min
Response: 251081
Conc: 0.14 ng/ml



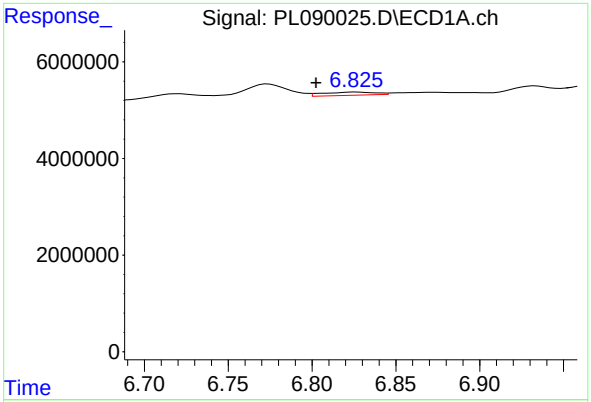
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 76075705
Conc: 37.84 ng/ml



#14 Endrin

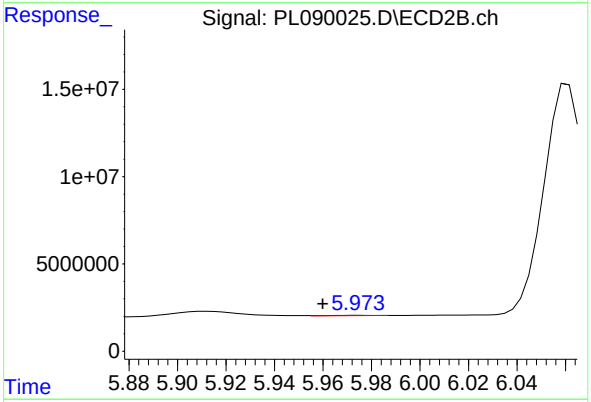
R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 78130517
Conc: 47.70 ng/ml



#15 Endosulfan II

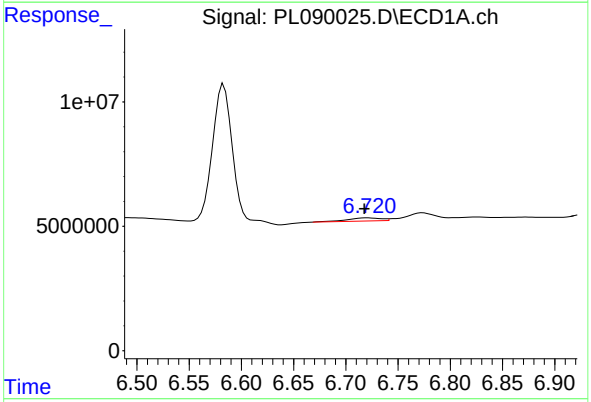
R.T.: 6.826 min
Delta R.T.: 0.024 min
Response: 1444297
Conc: 0.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



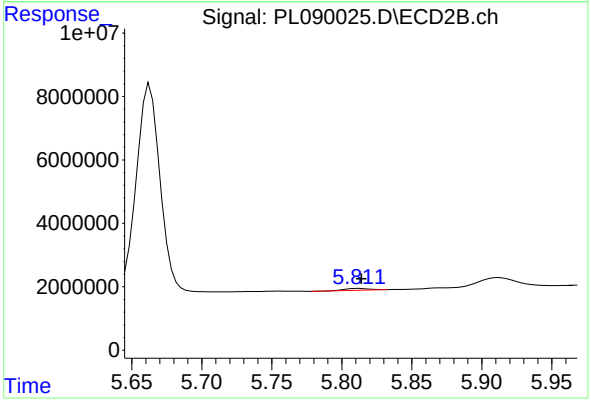
#15 Endosulfan II

R.T.: 5.975 min
Delta R.T.: 0.015 min
Response: 259065
Conc: 0.16 ng/ml



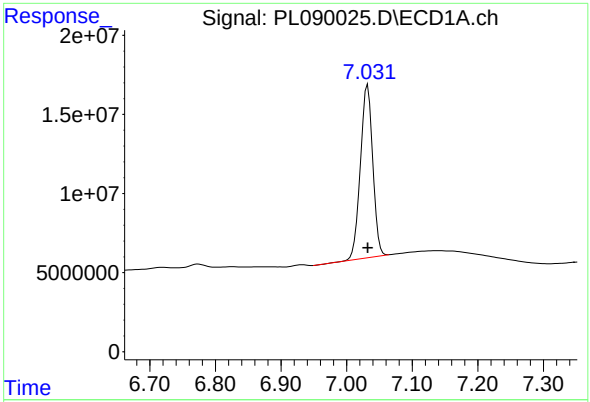
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.003 min
Response: 2756055
Conc: 1.57 ng/ml



#16 4,4'-DDD

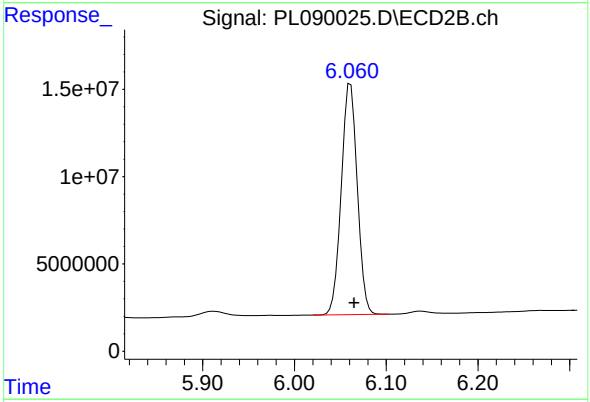
R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 619637
Conc: 0.44 ng/ml



#17 4,4'-DDT

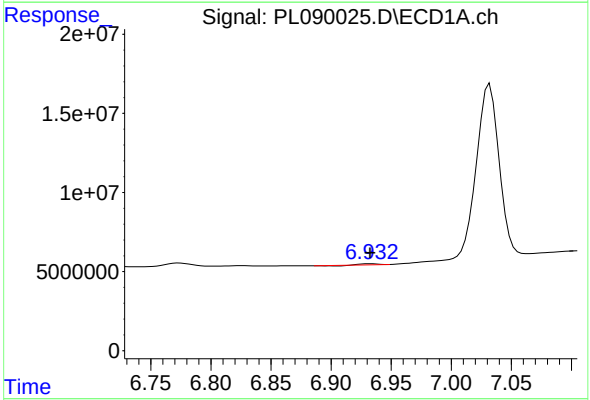
R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 142688643
Conc: 77.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



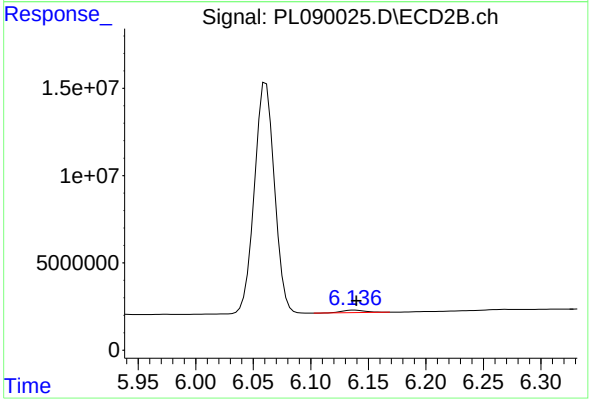
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 160127032
Conc: 105.44 ng/ml



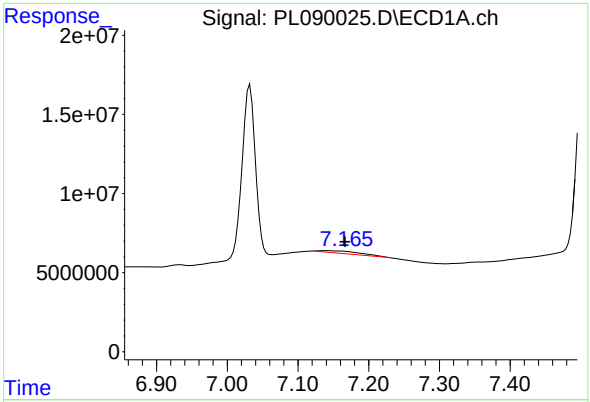
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 462367
Conc: 0.30 ng/ml



#18 Endrin aldehyde

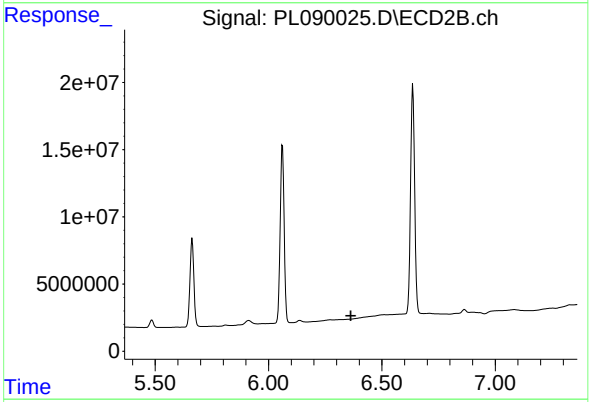
R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 1878439
Conc: 1.55 ng/ml



#19 Endosulfan Sulfate

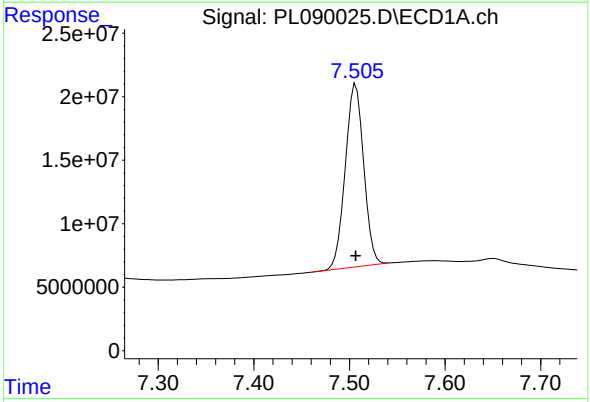
R.T.: 7.140 min
Delta R.T.: -0.027 min
Response: 5636505
Conc: 2.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



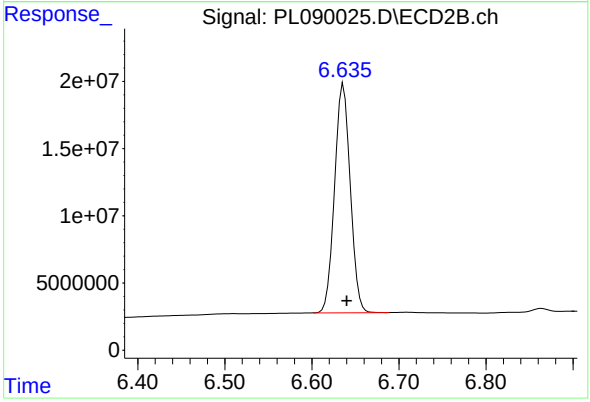
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.362 min
Response: 0
Conc: N.D.



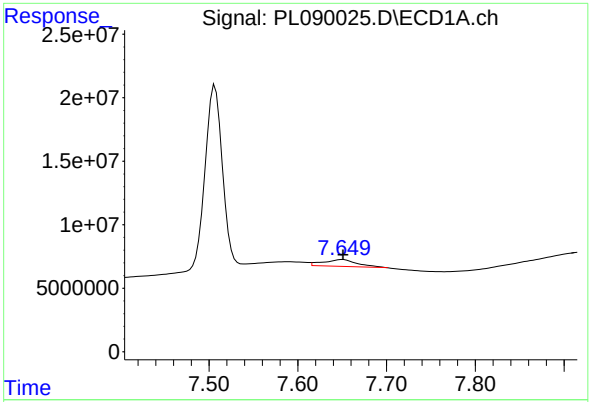
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 193395298
Conc: 196.90 ng/ml



#20 Methoxychlor

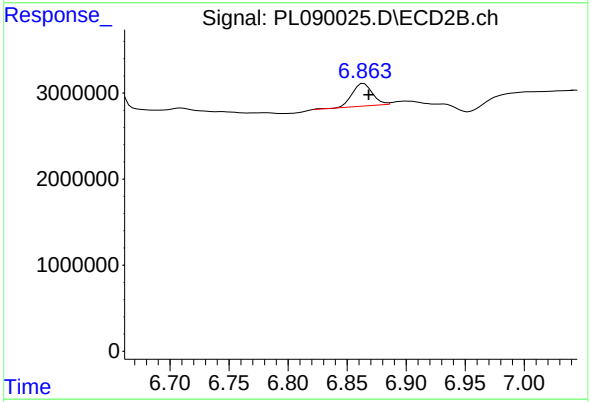
R.T.: 6.636 min
Delta R.T.: -0.004 min
Response: 213429528
Conc: 239.92 ng/ml



#21 Endrin ketone

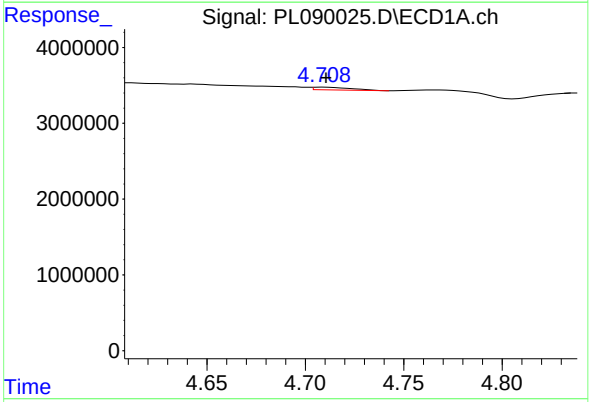
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 14042105
Conc: 6.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



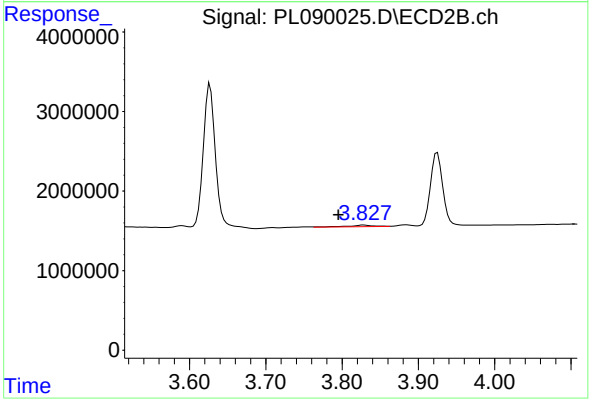
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 3132896
Conc: 1.72 ng/ml



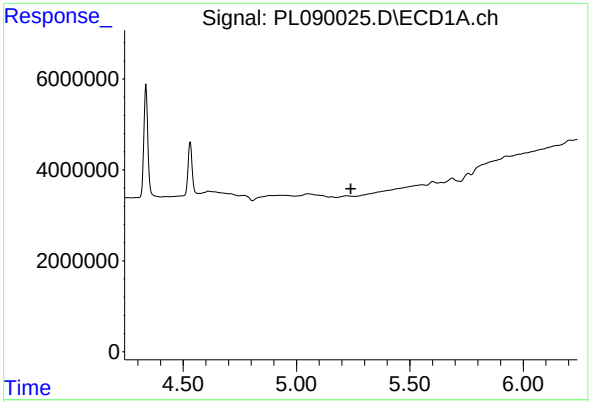
#23 Chlordane-1

R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 444812
Conc: 4.10 ng/ml



#23 Chlordane-1

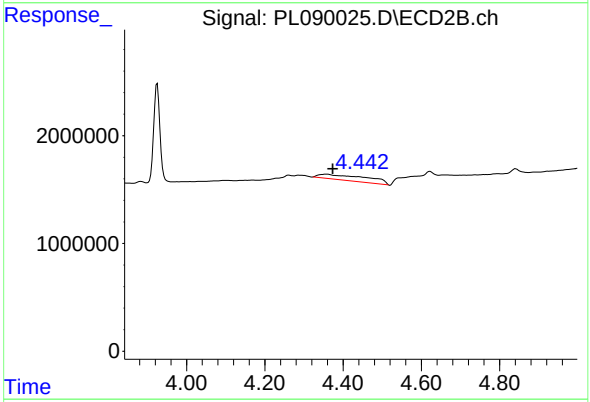
R.T.: 3.828 min
Delta R.T.: 0.033 min
Response: 461829
Conc: 7.04 ng/ml



#24 Chlordane-2

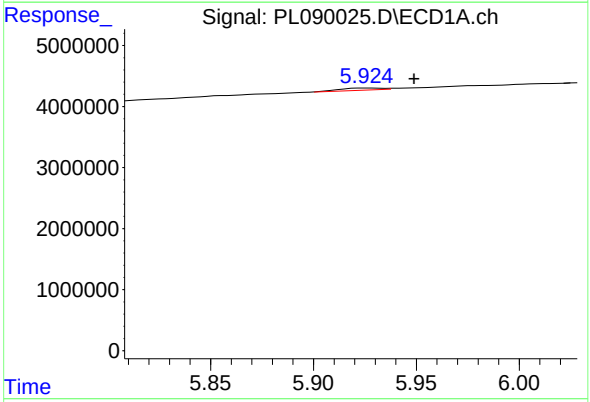
R.T.: 0.000 min
Exp R.T. : 5.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



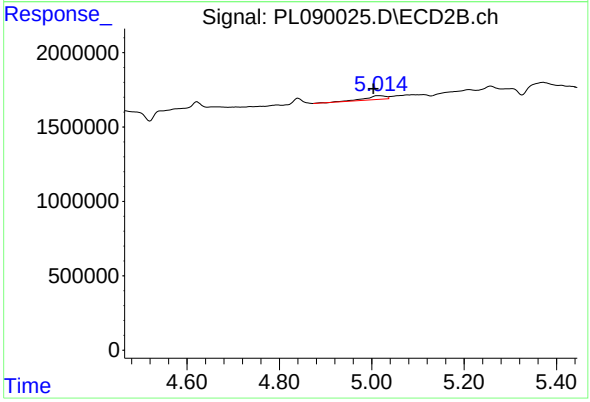
#24 Chlordane-2

R.T.: 4.358 min
Delta R.T.: -0.015 min
Response: 4277299
Conc: 53.62 ng/ml



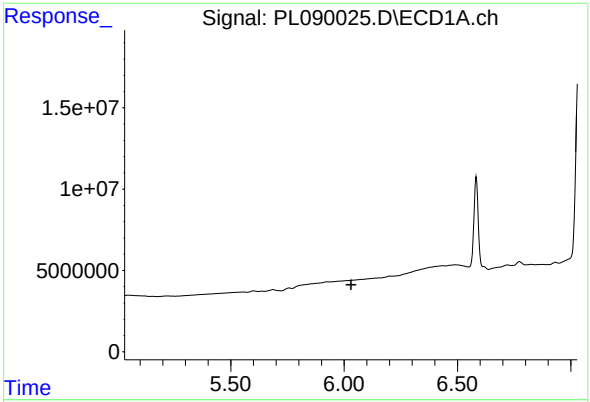
#25 Chlordane-3

R.T.: 5.926 min
Delta R.T.: -0.023 min
Response: 487173
Conc: 1.22 ng/ml



#25 Chlordane-3

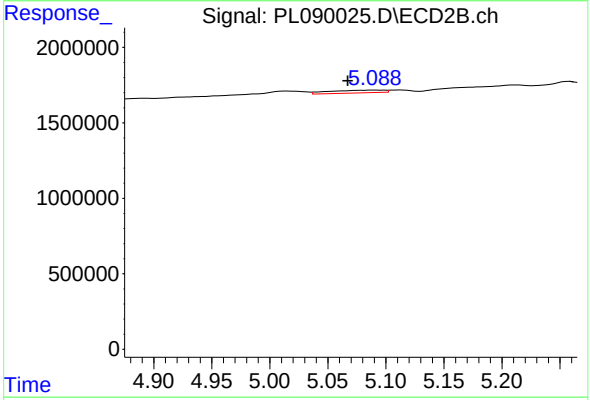
R.T.: 5.015 min
Delta R.T.: 0.012 min
Response: 774649
Conc: 3.48 ng/ml



#26 Chlordane-4

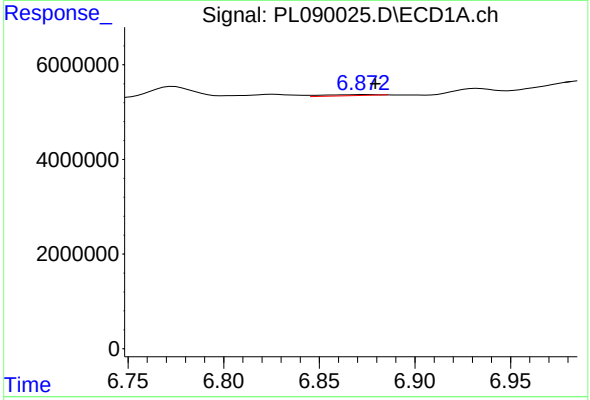
R.T.: 0.000 min
Exp R.T. : 6.031 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



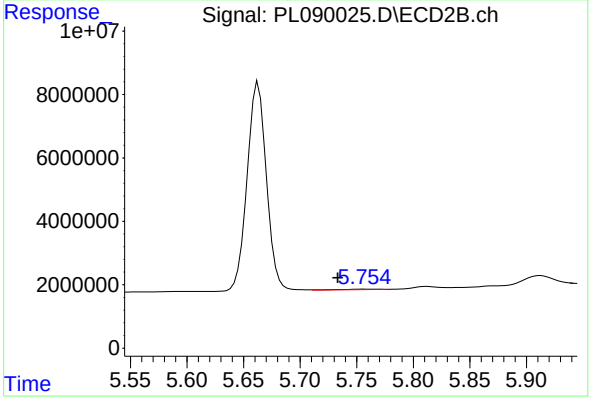
#26 Chlordane-4

R.T.: 5.090 min
Delta R.T.: 0.023 min
Response: 606119
Conc: 2.87 ng/ml



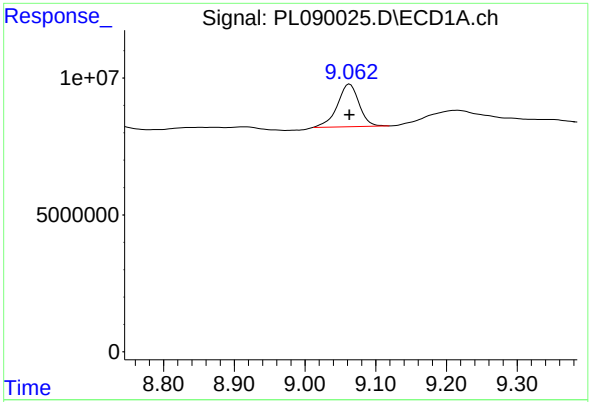
#27 Chlordane-5

R.T.: 6.873 min
Delta R.T.: -0.006 min
Response: 609091
Conc: 6.27 ng/ml



#27 Chlordane-5

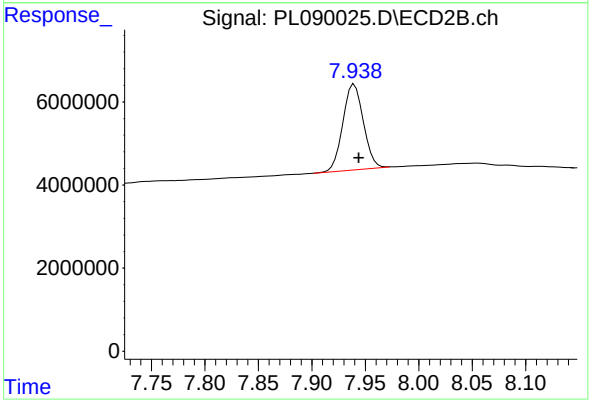
R.T.: 5.756 min
Delta R.T.: 0.023 min
Response: 407730
Conc: 6.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min
Delta R.T.: 0.000 min
Response: 33392035
Conc: 22.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.004 min
Response: 27515380
Conc: 18.52 ng/ml