Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072924\
Data File : PL090678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2024 09:42
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: Jul 30 01:46:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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...	3.553	2.789	42188068	34285533	20.261	20.372	
28)	SA	Decachlor...	9.068	7.935	29769328	31974664	22.402	21.929	
		Target Compounds							
2)	A	alpha-BHC	4.008	3.293	31090870	22619270	10.478	9.362	
3)	MA	gamma-BHC...	4.340	3.623	31114983	21651757	11.111	9.389	
4)	MA	Heptachlor	0.000	3.985f	0	57716	N.D.	0.026	#
5)	MB	Aldrin	0.000	4.255	0	313929	N.D.	0.148	#
6)	B	beta-BHC	4.537	3.922	14021110	11343188	11.053	10.989	
7)	B	delta-BHC	0.000	4.147	0	41060	N.D.	0.019	#
8)	B	Heptachlo...	0.000	4.739	0	47406	N.D.	0.024	#
10)	B	gamma-Chl...	5.924f	5.005	5882791	219337	2.530	0.108	#
11)	B	alpha-Chl...	0.000	5.058	0	94623	N.D.	0.047	#
12)	B	4,4'-DDE	0.000	5.252	0	1054456	N.D.	0.590	#
13)	MA	Dieldrin	0.000	5.371	0	72657	N.D.	0.037	#
14)	MA	Endrin	6.587	5.658	82299837	82338777	44.766	47.840	
15)	B	Endosulfa...	6.820f	5.968f	1485573	639214	0.755	0.374	#
16)	A	4,4'-DDD	6.721	5.806	3193203	2342146	1.891	1.563	
17)	MA	4,4'-DDT	7.036	6.057	159.7E6	164.4E6	94.863	112.175	
18)	B	Endrin al...	6.935	6.132	2927851	2914048	1.973	2.230	
19)	B	Endosulfa...	0.000	6.341	0	190134	N.D.	0.118	#
20)	A	Methoxychlor	7.511	6.632	211.9E6	203.6E6	240.019	251.759	
21)	B	Endrin ke...	7.654	6.860	6747967	4996743	3.535	2.734	
22)		Mirex	0.000	7.066f	0	264341	N.D.	0.178	#
23)		Chlordane-1	0.000	3.825f	0	337883	N.D.	5.457	#
24)		Chlordane-2	0.000	4.383	0	924705	N.D.	12.193	#
25)		Chlordane-3	5.924f	5.005	5882791	219337	17.770	1.061	#
26)		Chlordane-4	0.000	5.058	0	94623	N.D.	0.484	#
27)		Chlordane-5	0.000	5.728	0	583157	N.D.	9.675	#

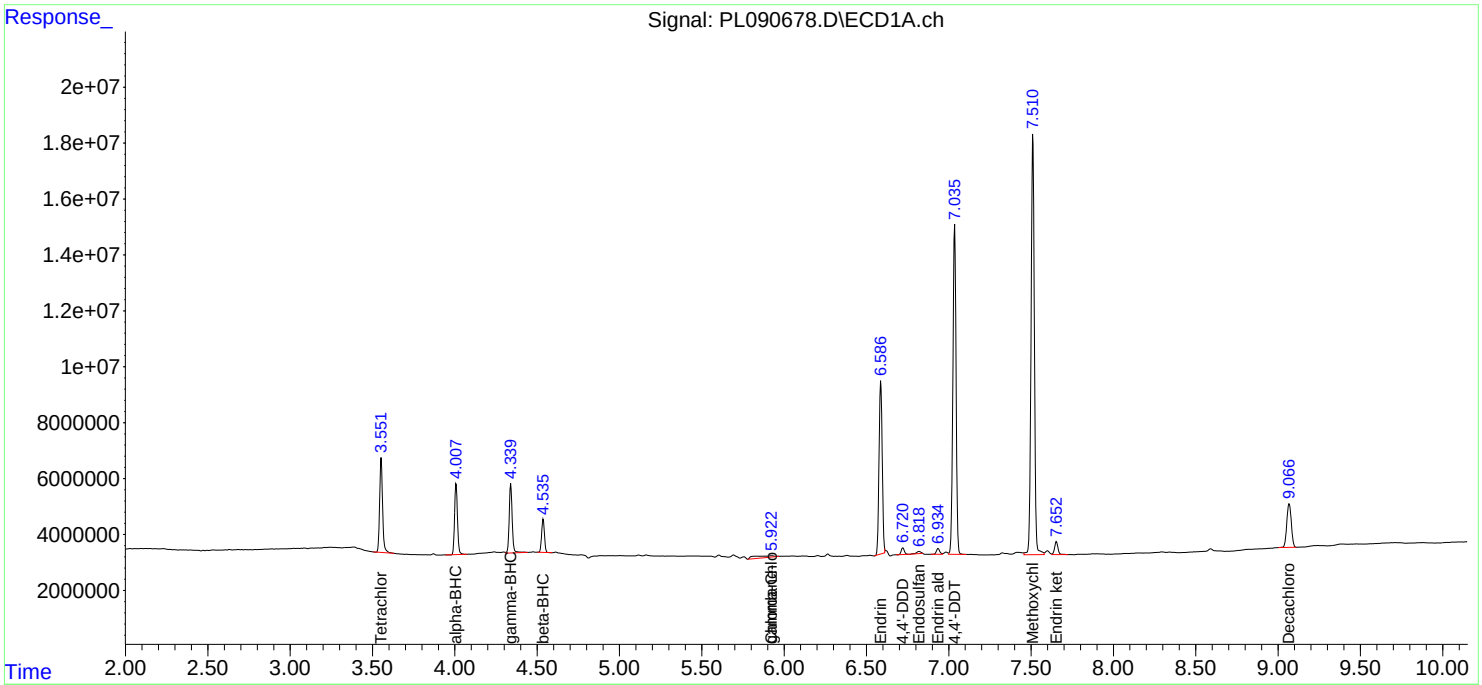
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

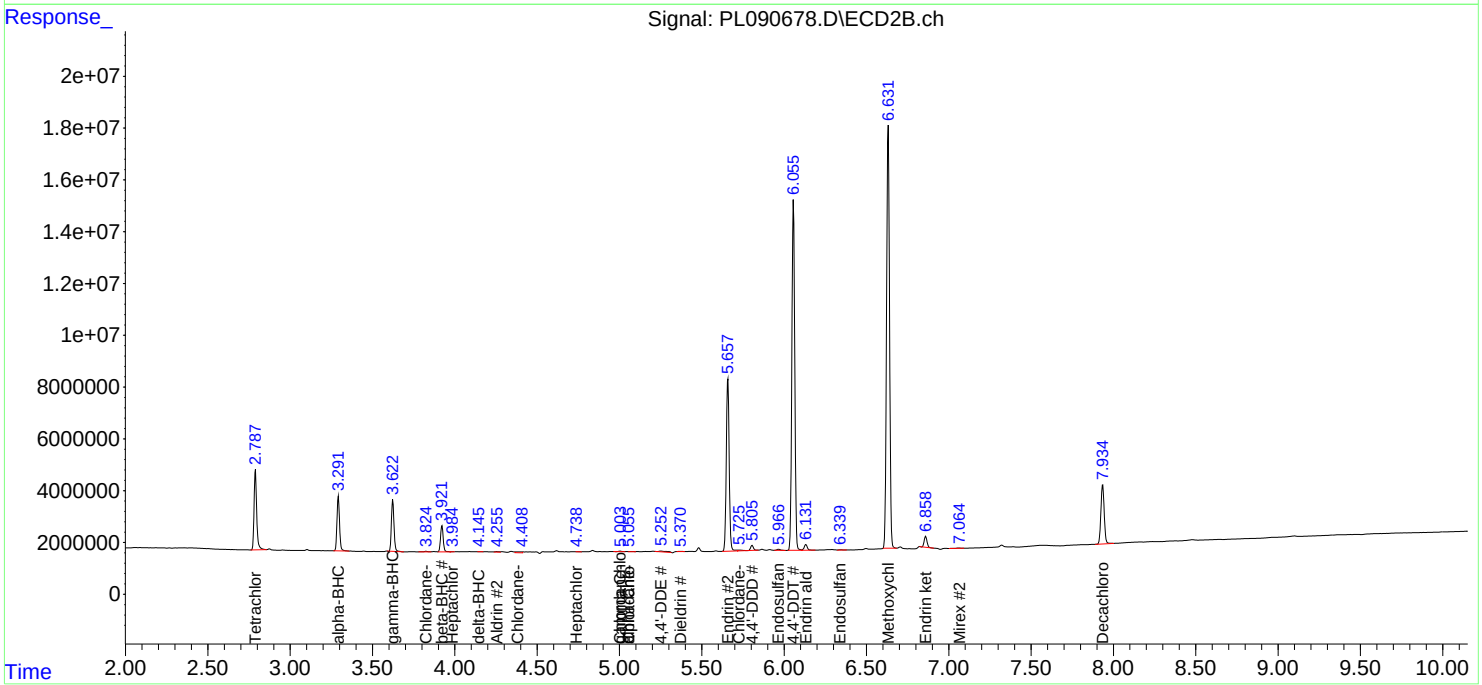
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072924\
Data File : PL090678.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2024 09:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

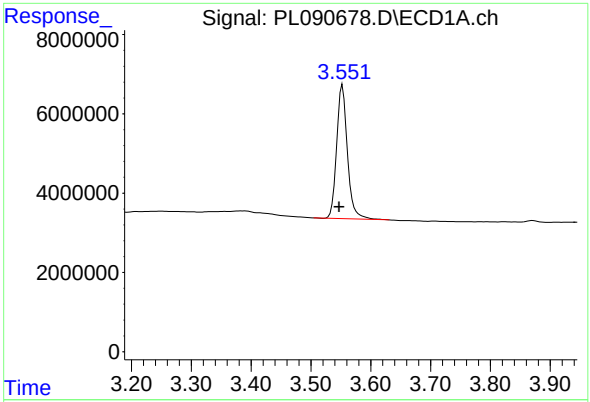
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:46:44 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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



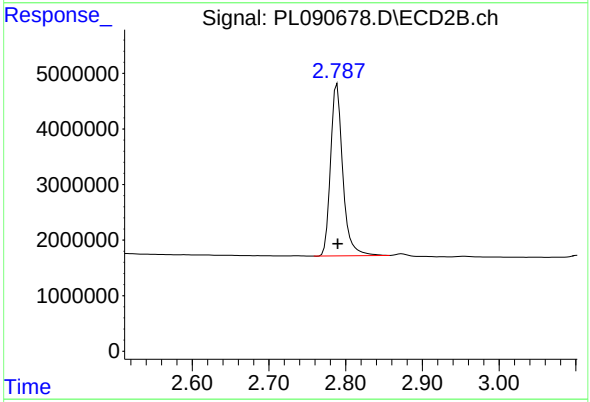




#1 Tetrachloro-m-xylene

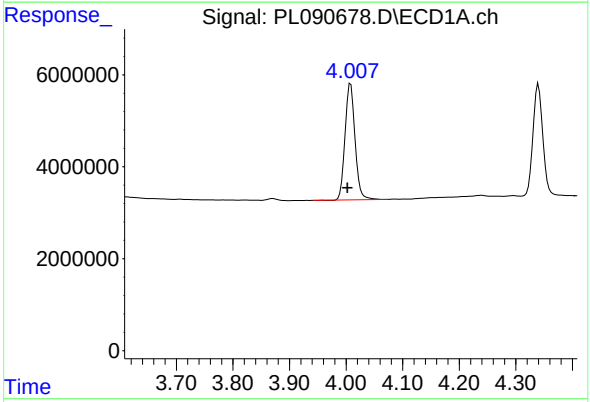
R.T.: 3.553 min
Delta R.T.: 0.006 min
Response: 42188068
Conc: 20.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



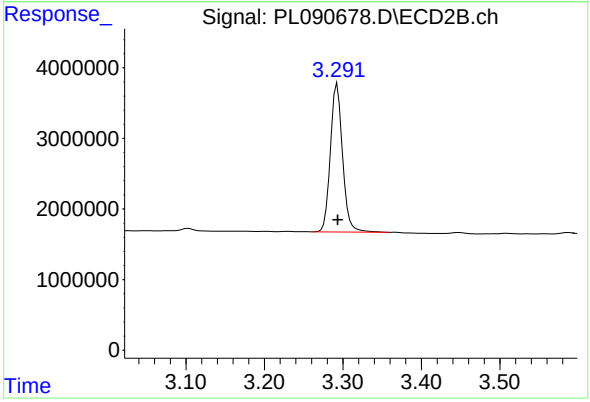
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 34285533
Conc: 20.37 ng/ml



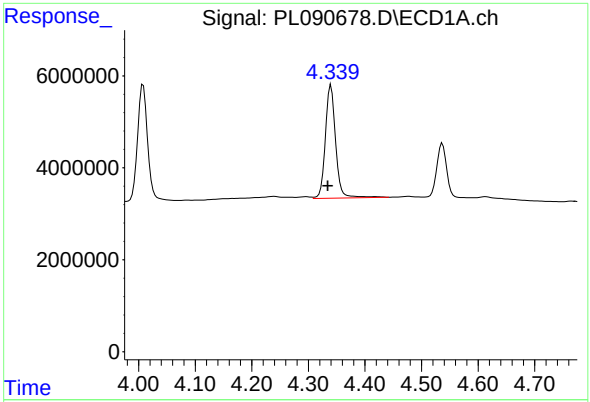
#2 alpha-BHC

R.T.: 4.008 min
Delta R.T.: 0.006 min
Response: 31090870
Conc: 10.48 ng/ml



#2 alpha-BHC

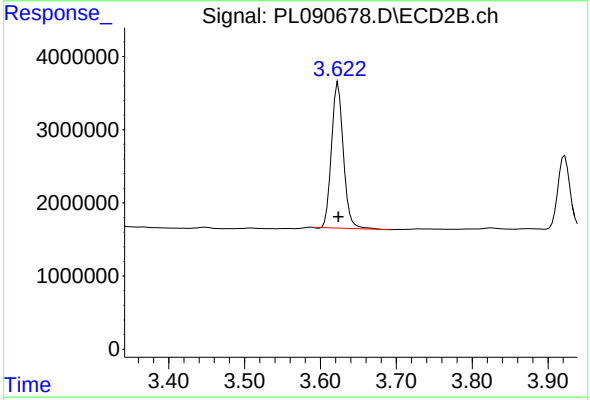
R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 22619270
Conc: 9.36 ng/ml



#3 gamma-BHC (Lindane)

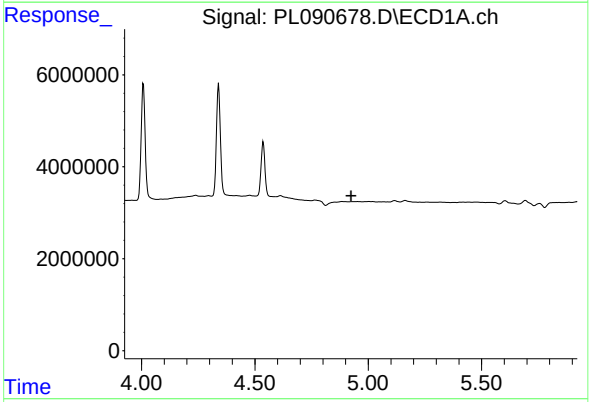
R.T.: 4.340 min
Delta R.T.: 0.005 min
Response: 31114983
Conc: 11.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



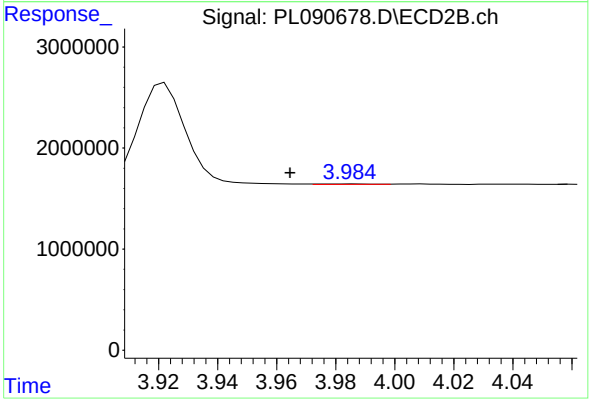
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: 0.000 min
Response: 21651757
Conc: 9.39 ng/ml



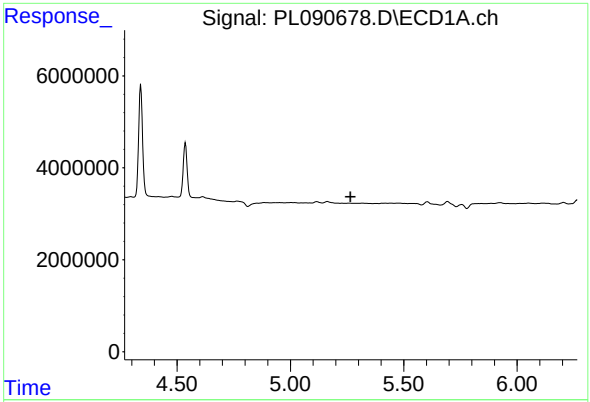
#4 Heptachlor

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



#4 Heptachlor

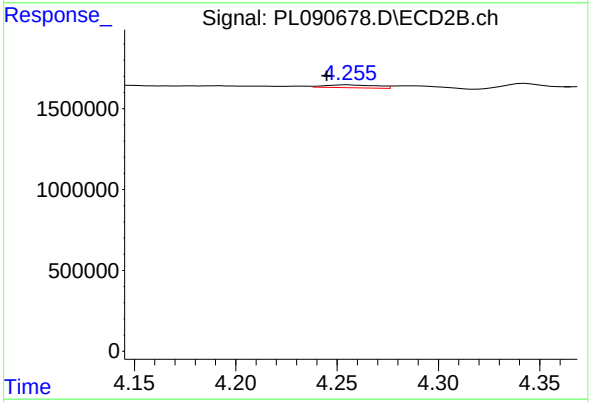
R.T.: 3.985 min
Delta R.T.: 0.020 min
Response: 57716
Conc: 0.03 ng/ml



#5 Aldrin

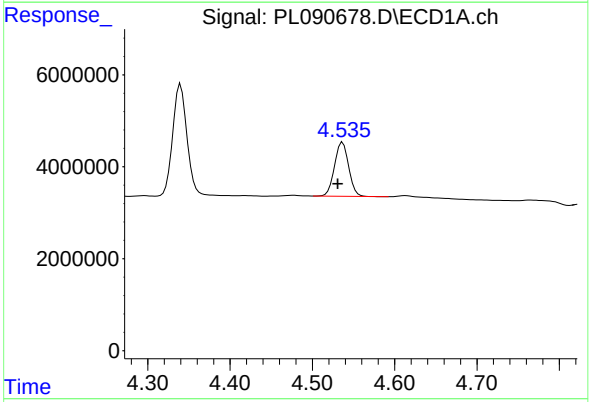
R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



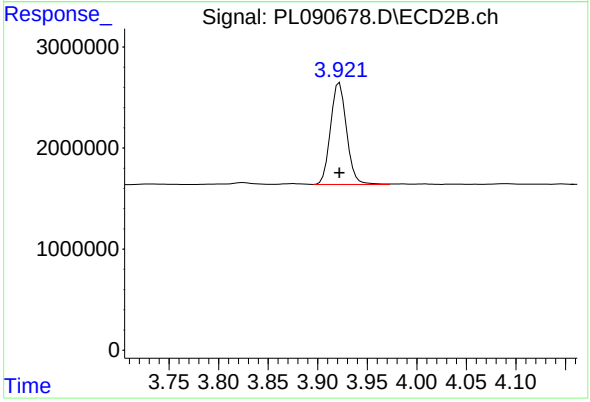
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.011 min
Response: 313929
Conc: 0.15 ng/ml



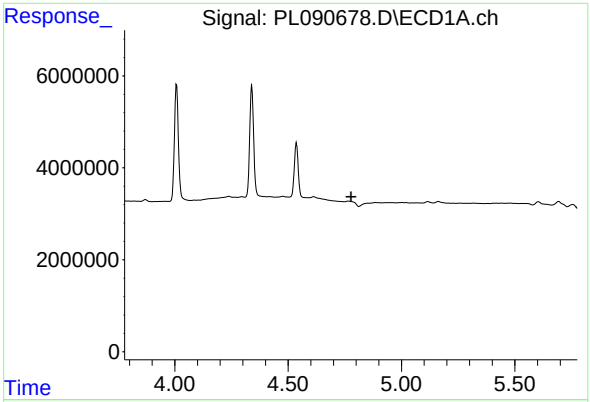
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.006 min
Response: 14021110
Conc: 11.05 ng/ml



#6 beta-BHC

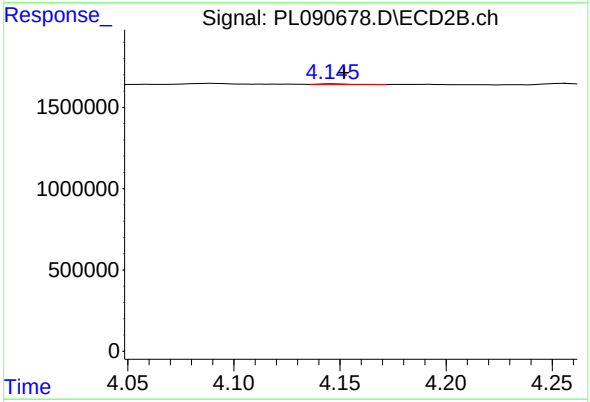
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 11343188
Conc: 10.99 ng/ml



#7 delta-BHC

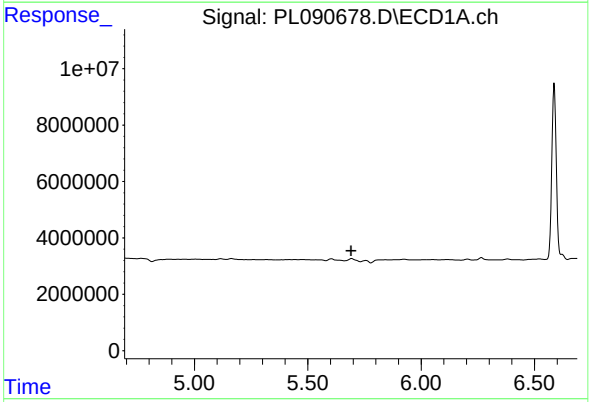
R.T.: 0.000 min
Exp R.T. : 4.778 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



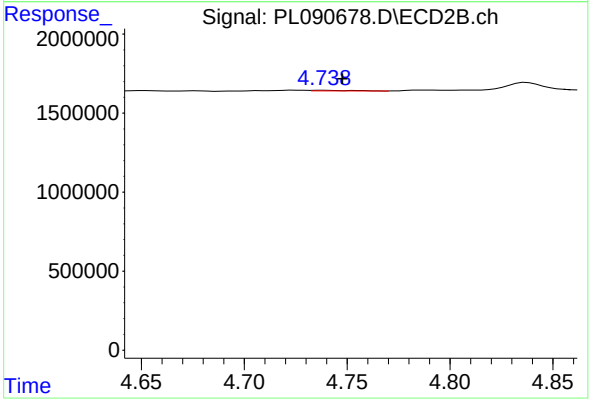
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.005 min
Response: 41060
Conc: 0.02 ng/ml



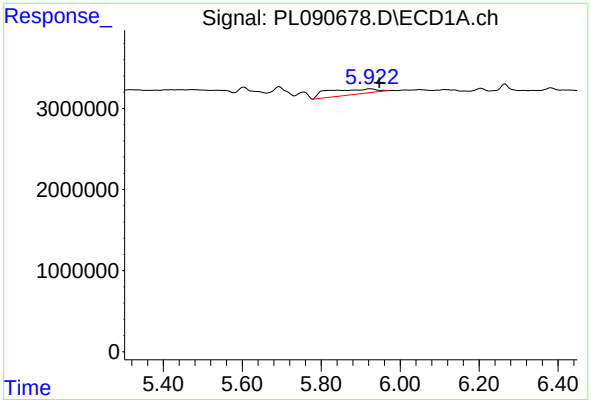
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.691 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

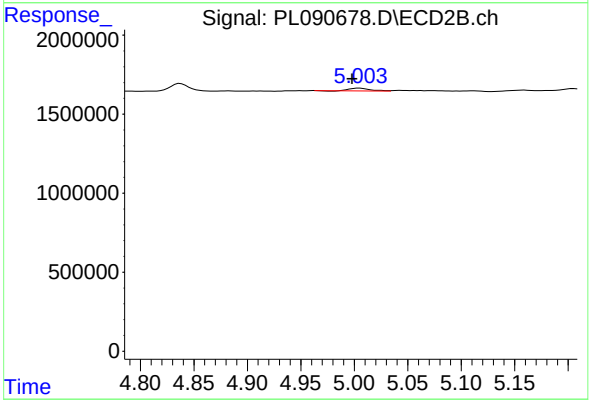
R.T.: 4.739 min
Delta R.T.: -0.009 min
Response: 47406
Conc: 0.02 ng/ml



#10 gamma-Chlordane

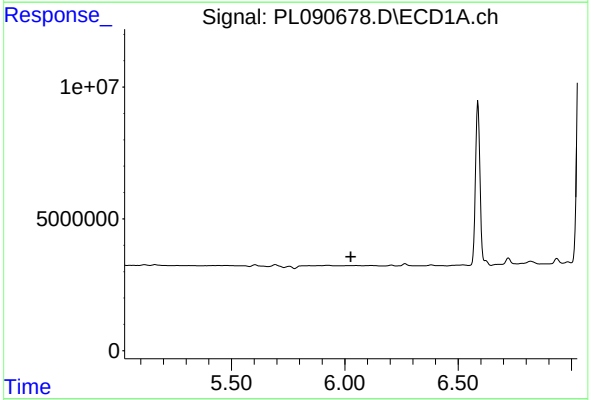
R.T.: 5.924 min
Delta R.T.: -0.023 min
Response: 5882791
Conc: 2.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



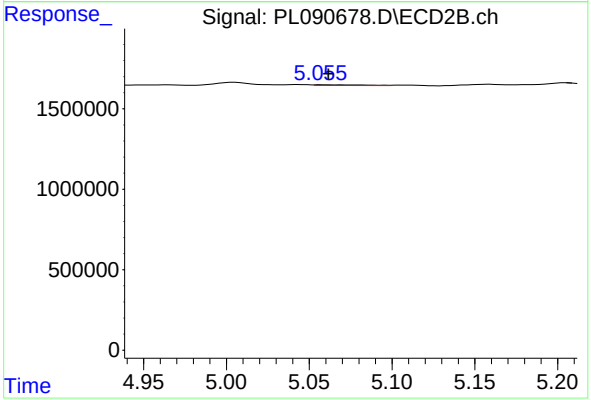
#10 gamma-Chlordane

R.T.: 5.005 min
Delta R.T.: 0.007 min
Response: 219337
Conc: 0.11 ng/ml



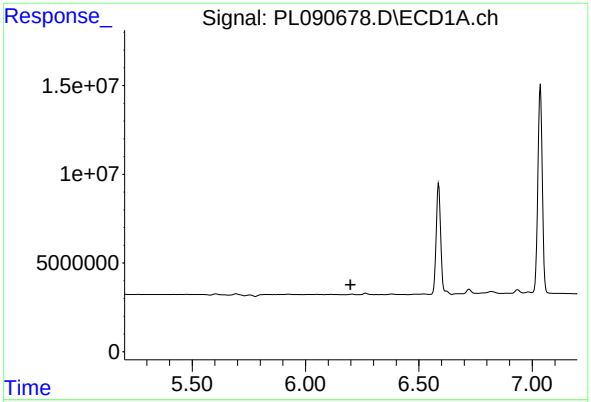
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

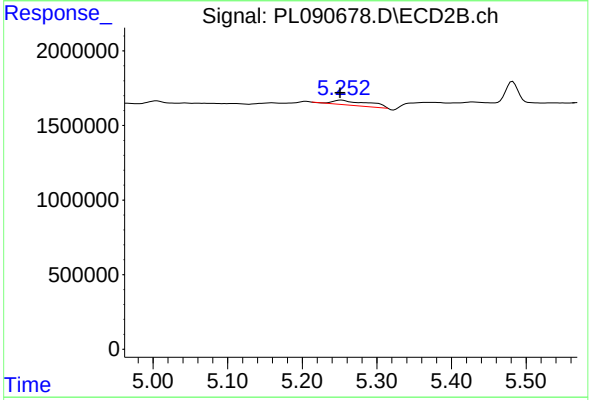
R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 94623
Conc: 0.05 ng/ml



#12 4,4'-DDE

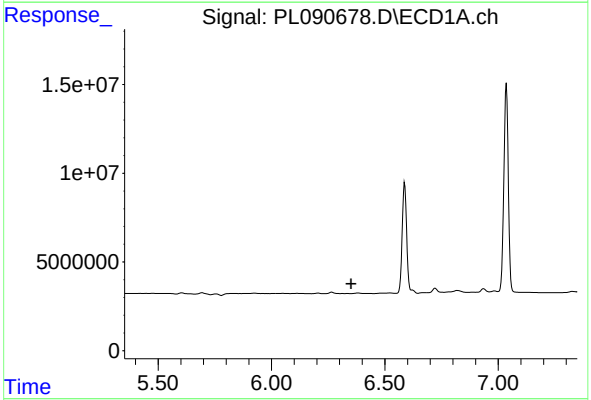
R.T.: 0.000 min
Exp R.T. : 6.199 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



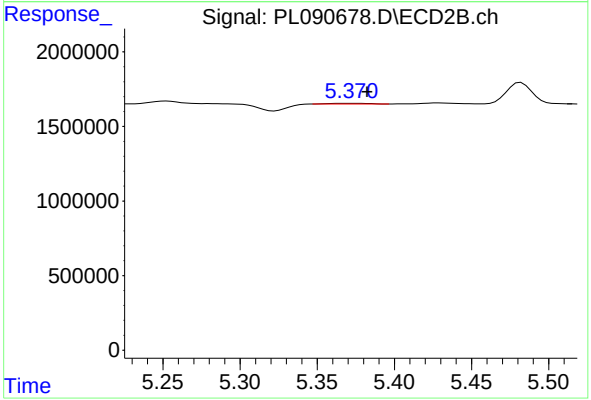
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 1054456
Conc: 0.59 ng/ml



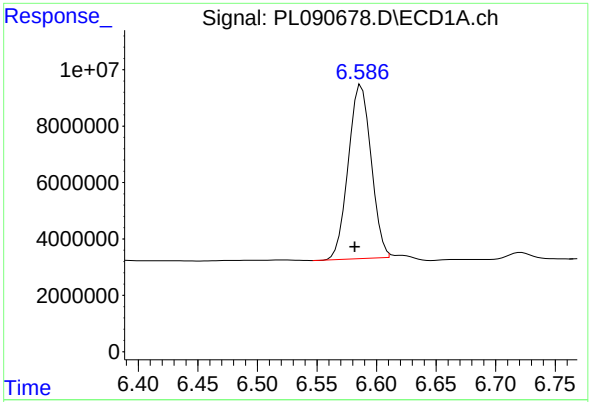
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.352 min
Response: 0
Conc: N.D.



#13 Dieldrin

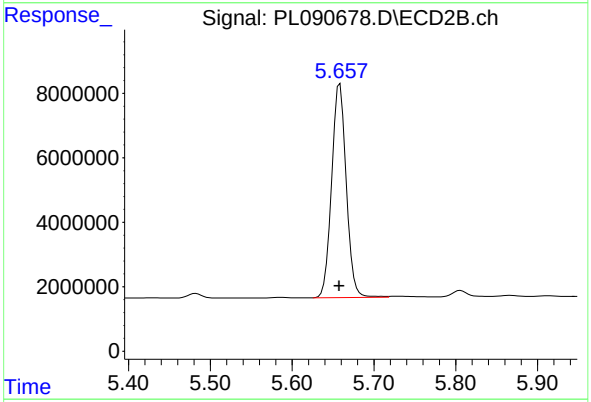
R.T.: 5.371 min
Delta R.T.: -0.011 min
Response: 72657
Conc: 0.04 ng/ml



#14 Endrin

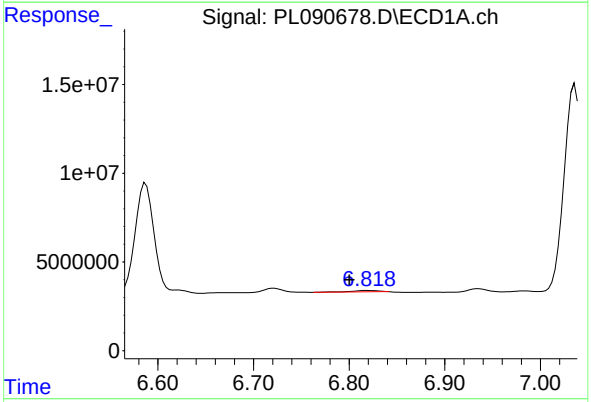
R.T.: 6.587 min
Delta R.T.: 0.006 min
Response: 82299837
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



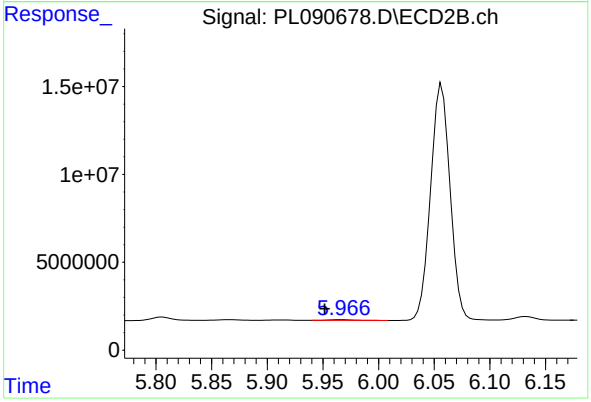
#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 82338777
Conc: 47.84 ng/ml



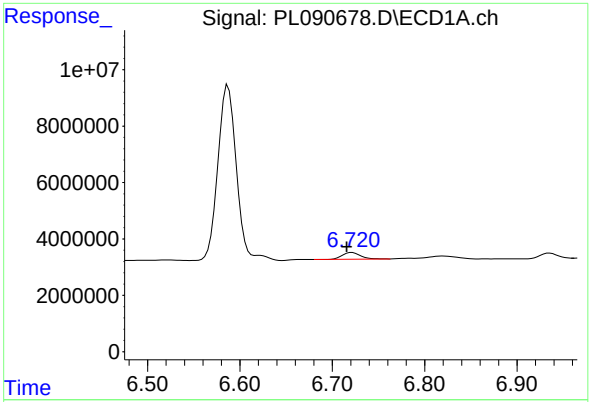
#15 Endosulfan II

R.T.: 6.820 min
Delta R.T.: 0.020 min
Response: 1485573
Conc: 0.76 ng/ml



#15 Endosulfan II

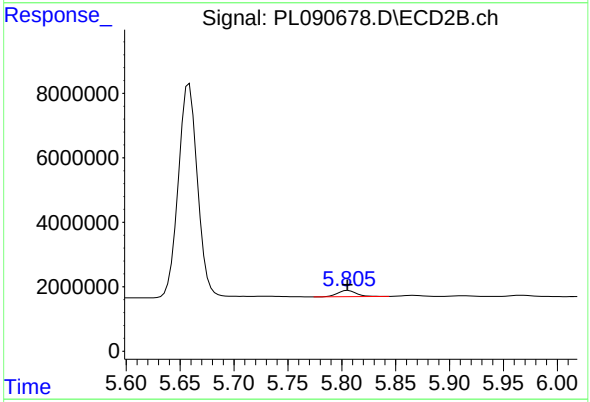
R.T.: 5.968 min
Delta R.T.: 0.016 min
Response: 639214
Conc: 0.37 ng/ml



#16 4,4'-DDD

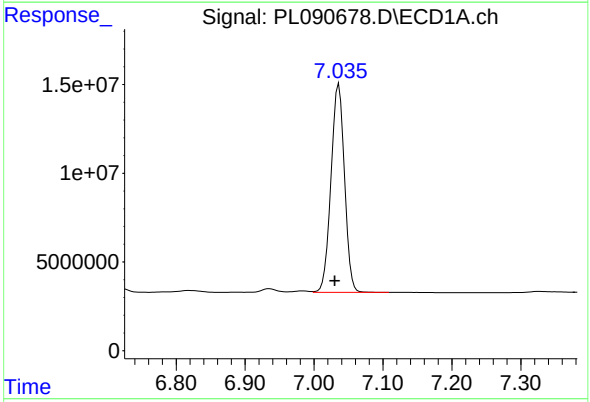
R.T.: 6.721 min
Delta R.T.: 0.006 min
Response: 3193203
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



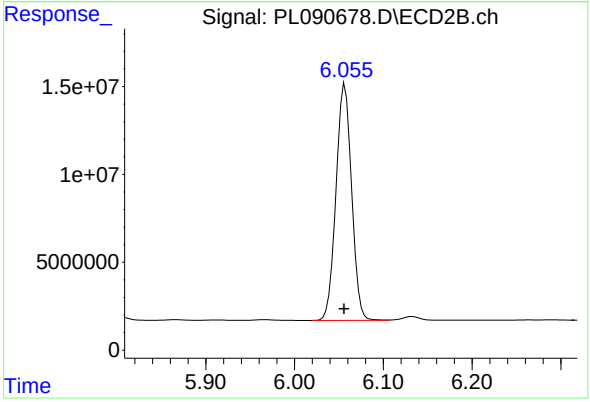
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 2342146
Conc: 1.56 ng/ml



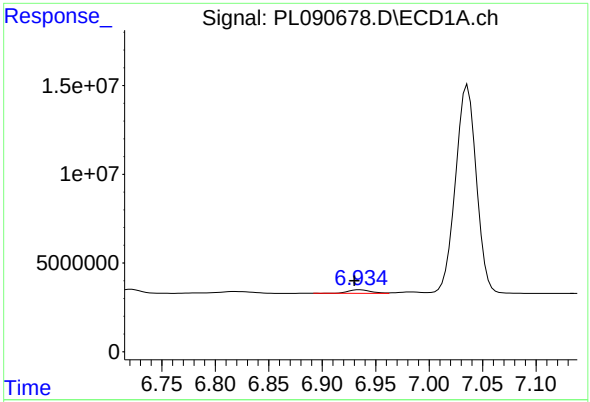
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.006 min
Response: 159682133
Conc: 94.86 ng/ml



#17 4,4'-DDT

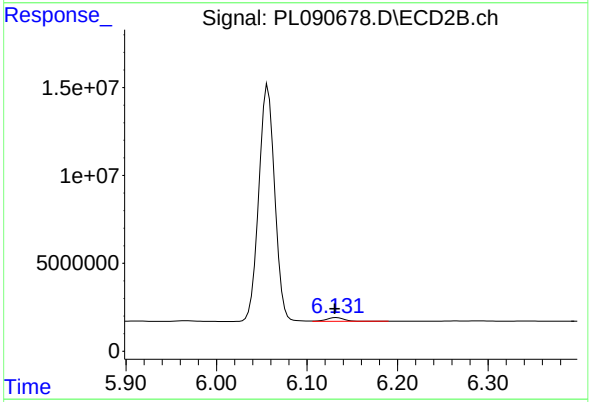
R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 164354237
Conc: 112.18 ng/ml



#18 Endrin aldehyde

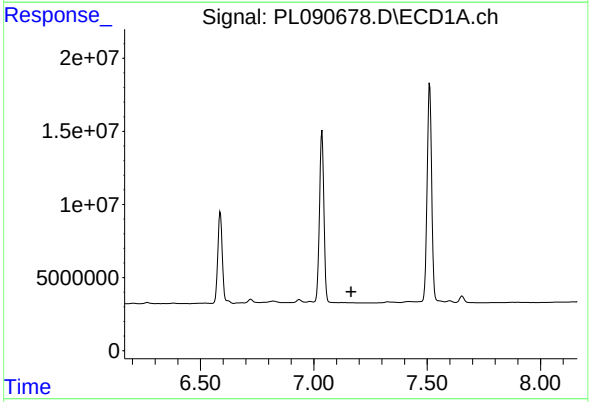
R.T.: 6.935 min
Delta R.T.: 0.005 min
Response: 2927851
Conc: 1.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



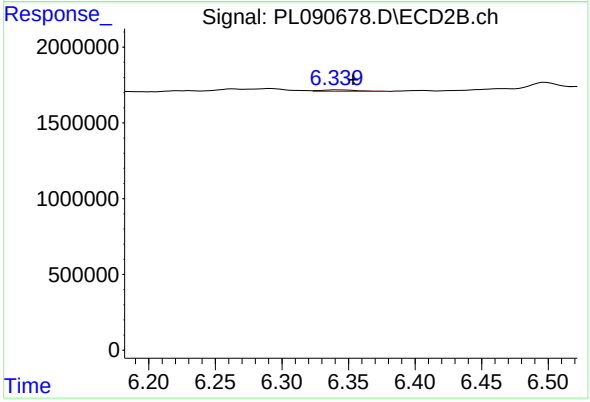
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 2914048
Conc: 2.23 ng/ml



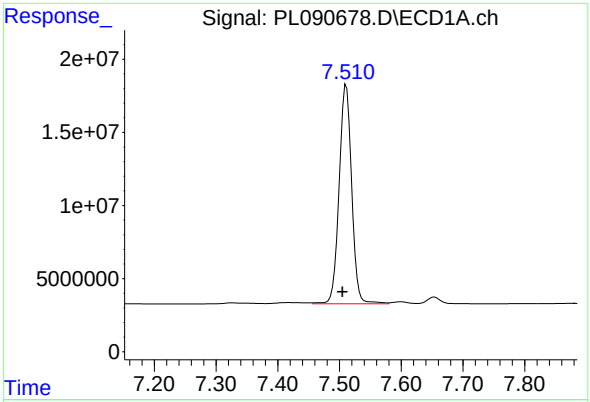
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

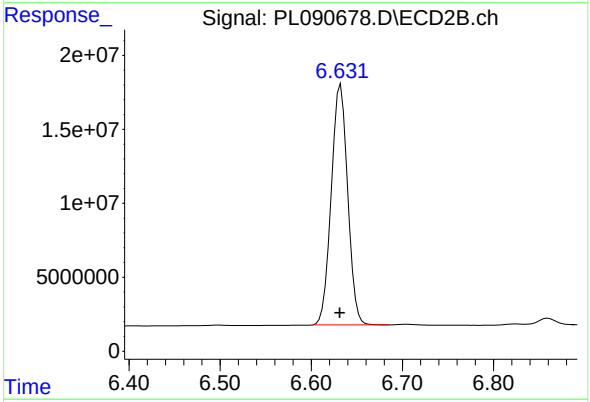
R.T.: 6.341 min
Delta R.T.: -0.013 min
Response: 190134
Conc: 0.12 ng/ml



#20 Methoxychlor

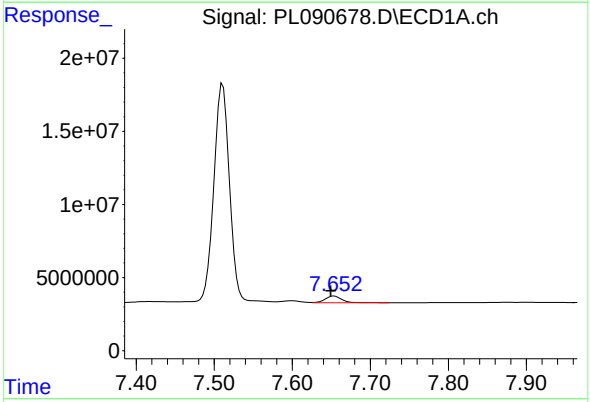
R.T.: 7.511 min
Delta R.T.: 0.006 min
Response: 211915722
Conc: 240.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



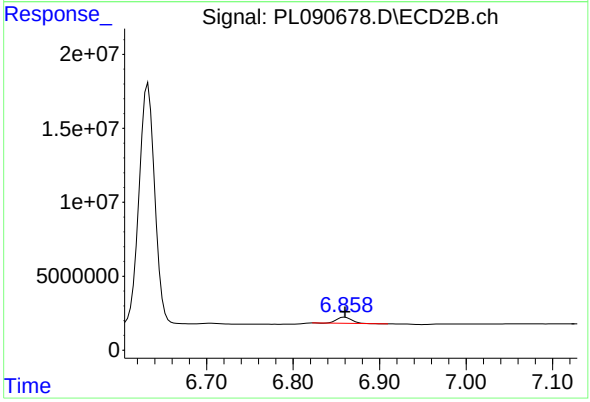
#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 203559680
Conc: 251.76 ng/ml



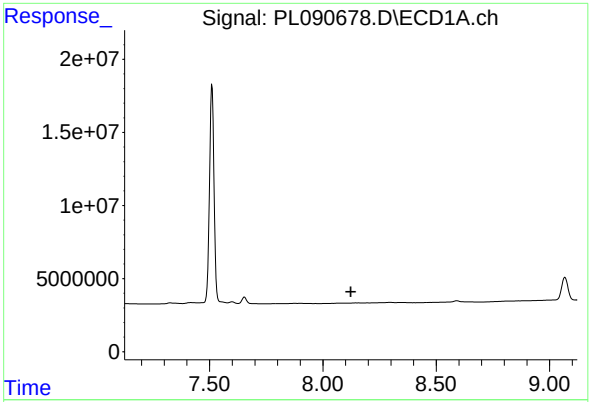
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 6747967
Conc: 3.53 ng/ml



#21 Endrin ketone

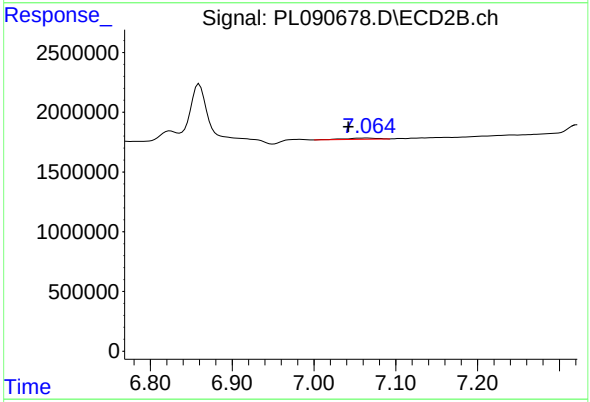
R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 4996743
Conc: 2.73 ng/ml



#22 Mirex

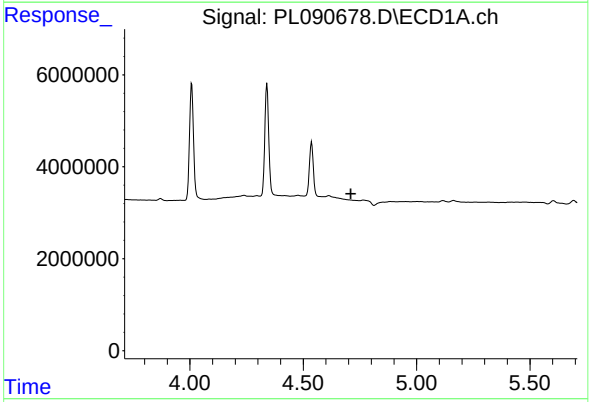
R.T.: 0.000 min
Exp R.T. : 8.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



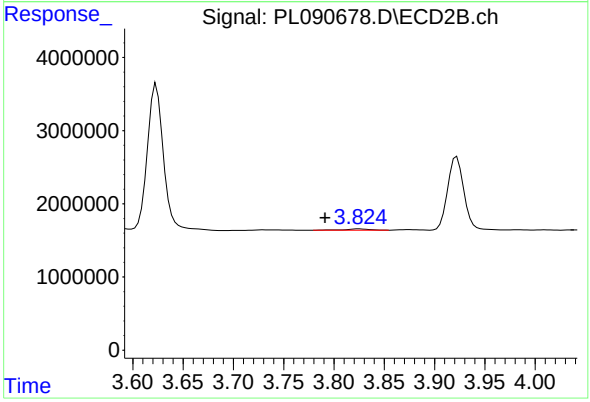
#22 Mirex

R.T.: 7.066 min
Delta R.T.: 0.024 min
Response: 264341
Conc: 0.18 ng/ml



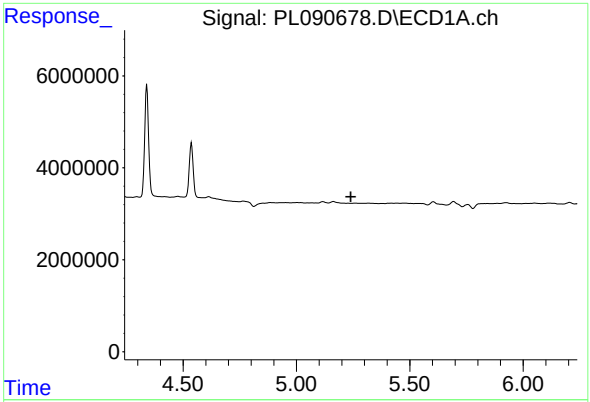
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

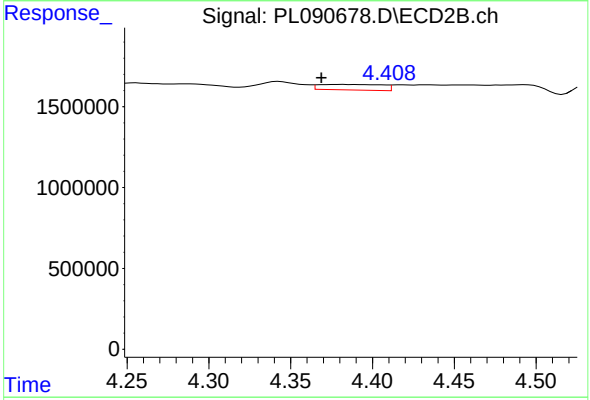
R.T.: 3.825 min
Delta R.T.: 0.034 min
Response: 337883
Conc: 5.46 ng/ml



#24 Chlordane-2

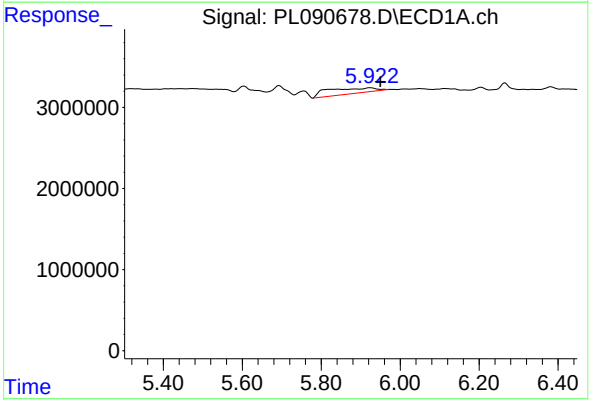
R.T.: 0.000 min
Exp R.T. : 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



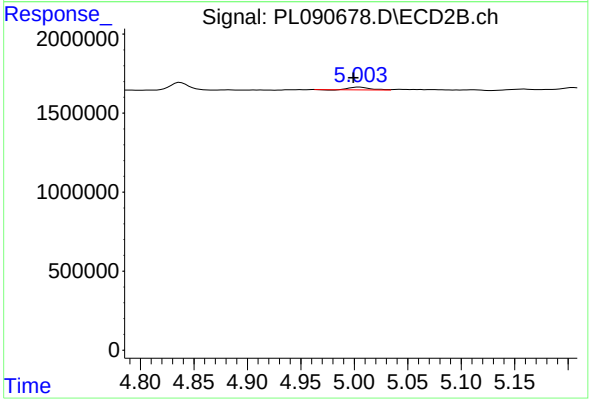
#24 Chlordane-2

R.T.: 4.383 min
Delta R.T.: 0.015 min
Response: 924705
Conc: 12.19 ng/ml



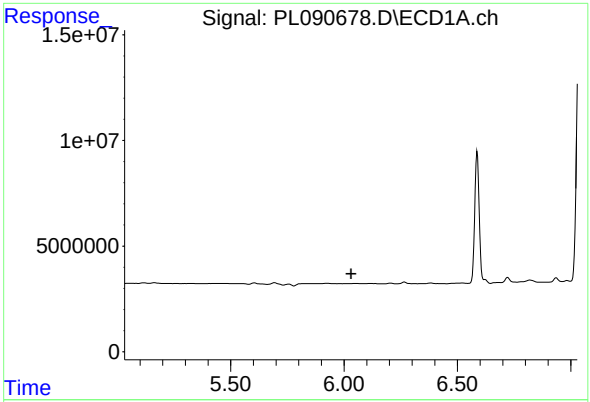
#25 Chlordane-3

R.T.: 5.924 min
Delta R.T.: -0.025 min
Response: 5882791
Conc: 17.77 ng/ml



#25 Chlordane-3

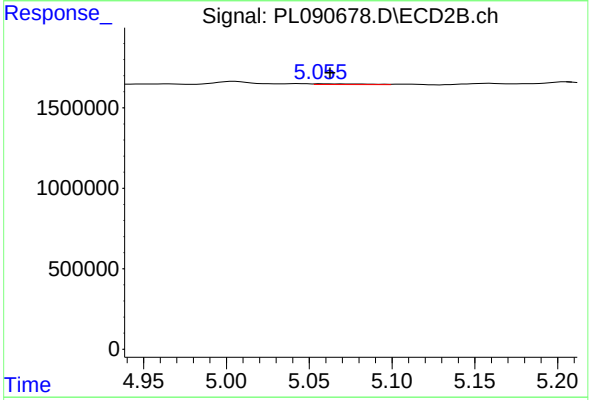
R.T.: 5.005 min
Delta R.T.: 0.006 min
Response: 219337
Conc: 1.06 ng/ml



#26 Chlordane-4

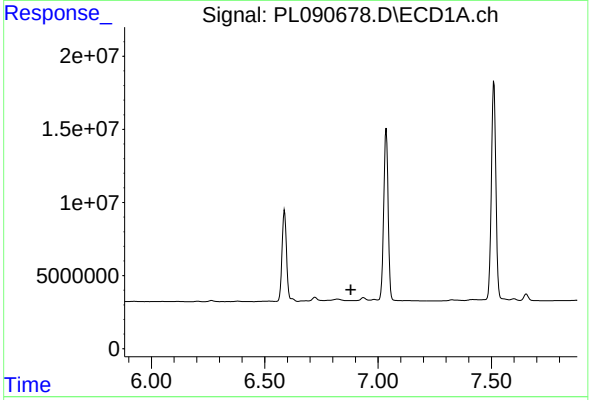
R.T.: 0.000 min
Exp R.T. : 6.032 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



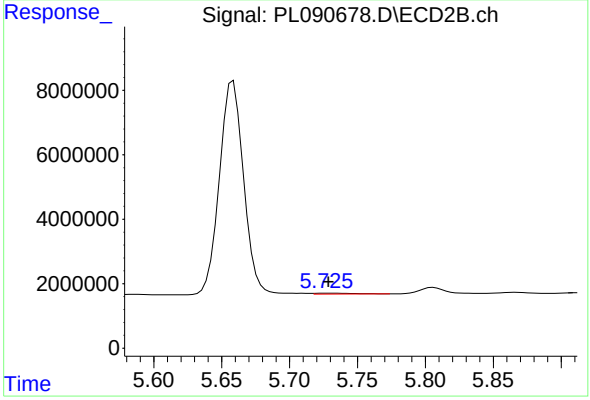
#26 Chlordane-4

R.T.: 5.058 min
Delta R.T.: -0.005 min
Response: 94623
Conc: 0.48 ng/ml



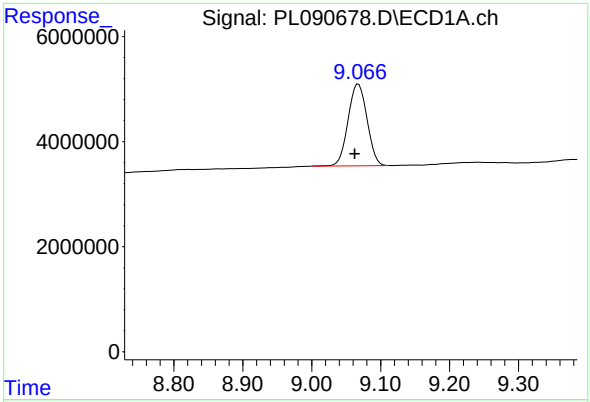
#27 Chlordane-5

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



#27 Chlordane-5

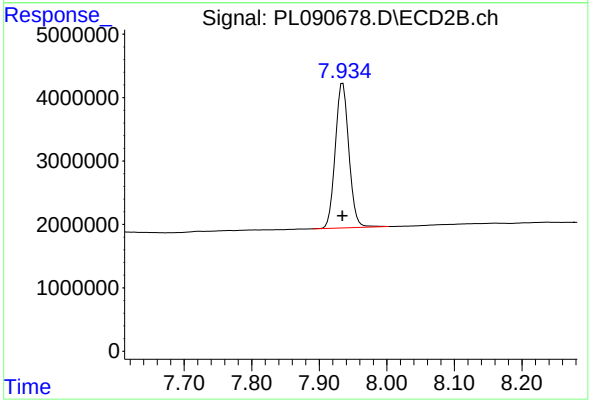
R.T.: 5.728 min
Delta R.T.: 0.000 min
Response: 583157
Conc: 9.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.005 min
Response: 29769328
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 31974664
Conc: 21.93 ng/ml