

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
 Data File : PL090509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 09:10
 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 15 12:06:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:03:59 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	40520502	32841034	19.460	19.514
28)	SA Decachlor...	9.062	7.934	27095049	29241399	20.390	20.055
Target Compounds							
2)	A alpha-BHC	4.003	3.294	31408608	22519010	10.585	9.320
3)	MA gamma-BHC...	4.335	3.625	29798611	21196734	10.641	9.192
4)	MA Heptachlor	4.930	3.983f	127365	22404	0.050	0.010 #
5)	MB Aldrin	5.265	4.255	126853	318603	0.051	0.150 #
6)	B beta-BHC	4.531	3.923	13679649	10848587	10.784	10.510
7)	B delta-BHC	4.761f	4.148	2248920	216262	0.839	0.098 #
8)	B Heptachlo...	5.686	4.757	2149666	57326	0.915	0.029 #
9)	A Endosulfan I	6.087	5.125	555654	159697	0.260	0.087 #
10)	B gamma-Chl...	5.951	5.008	226370	168707	0.097	0.083
11)	B alpha-Chl...	6.019	5.082f	211963	120547	0.092	0.060 #
12)	B 4,4'-DDE	6.200	5.253	872399	402246	0.431	0.225 #
13)	MA Dieldrin	6.379f	5.375	393277	127597	0.177	0.065 #
14)	MA Endrin	6.582	5.658	84042550	80305188	45.714	46.659
15)	B Endosulfa...	6.821f	5.969f	1821042	571663	0.926	0.335 #
16)	A 4,4'-DDD	6.718	5.807	3911167	2214011	2.317	1.478 #
17)	MA 4,4'-DDT	7.030	6.057	153.8E6	158.1E6	91.390	107.929
18)	B Endrin al...	6.930	6.132	2371429	2303761	1.598	1.763
19)	B Endosulfa...	7.180f	6.346	56986	192843	0.032	0.120 #
20)	A Methoxychlor	7.505	6.632	198.1E6	199.6E6	224.340	246.826
21)	B Endrin ke...	7.649	6.860	5117656	4558917	2.681	2.495
23)	Chlordane-1	0.000	3.788	0	30224	N.D.	0.488 #
24)	Chlordane-2	5.243	4.343f	142329	982074	1.391	12.949 #
25)	Chlordane-3	5.951	5.008	226370	168707	0.684	0.816
26)	Chlordane-4	6.019	5.082f	211963	120547	0.532	0.616
27)	Chlordane-5	6.866	5.757f	-48789	355910	N.D.	5.905

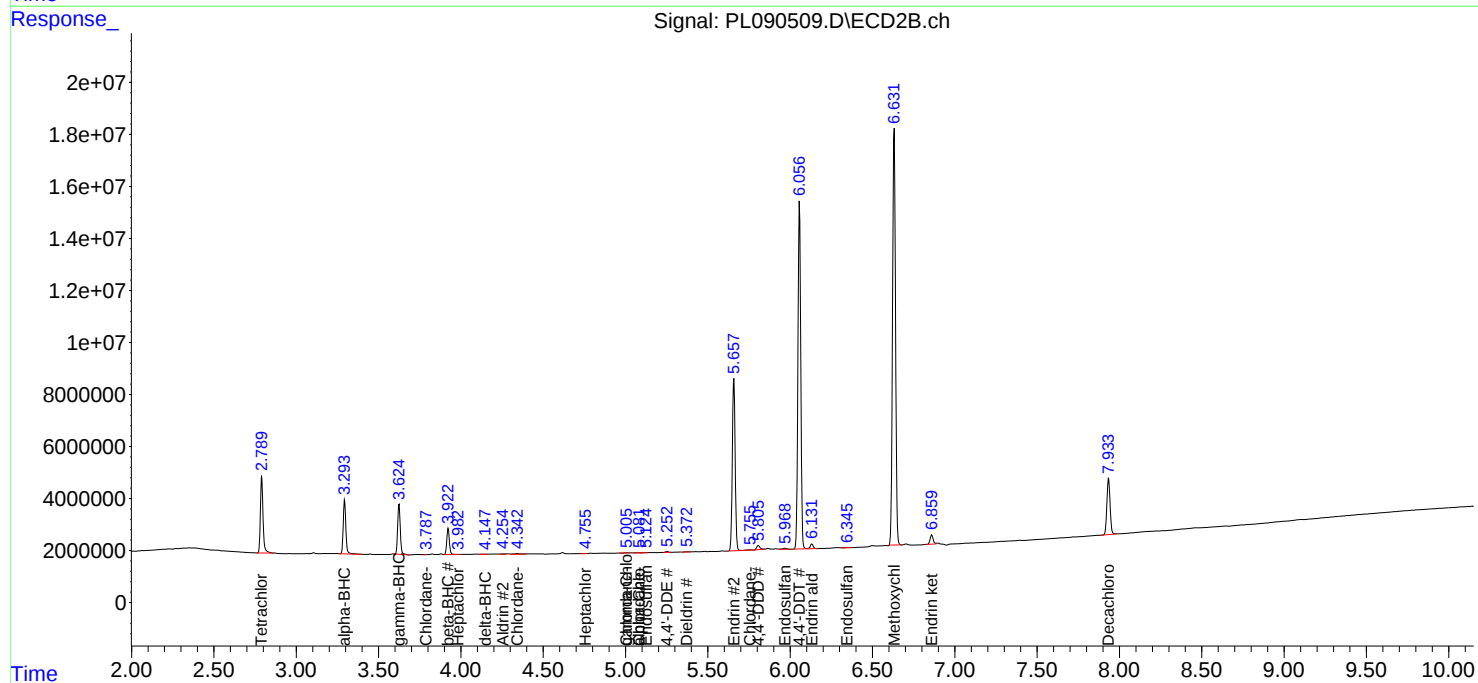
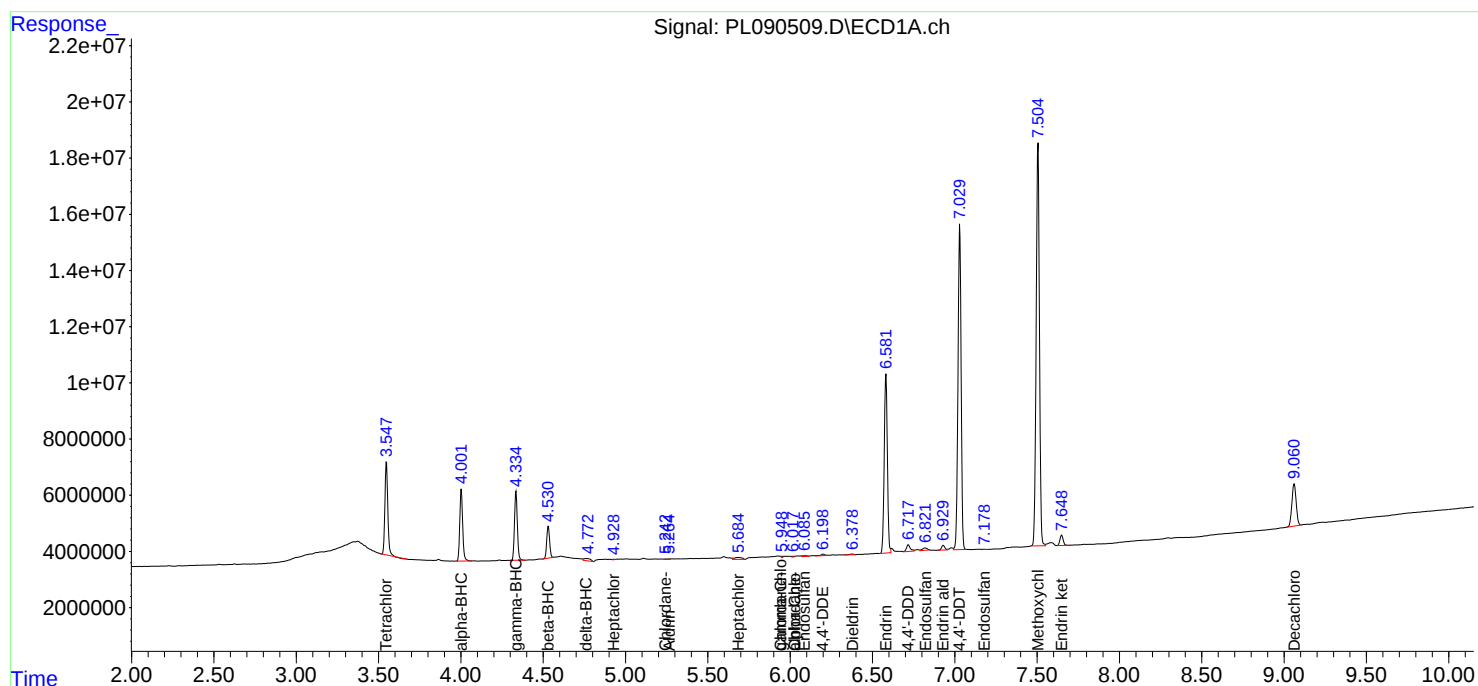
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

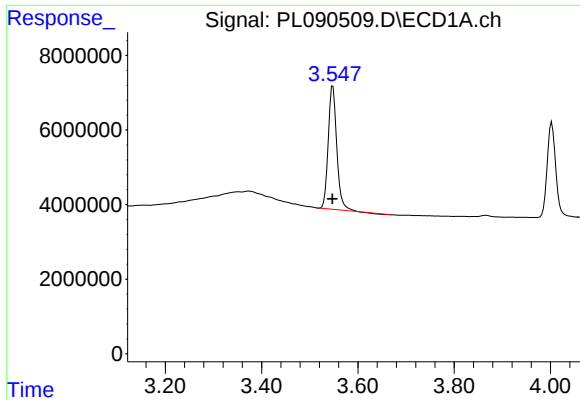
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
Data File : PL090509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2024 09:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 15 12:06:59 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 12:03:59 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

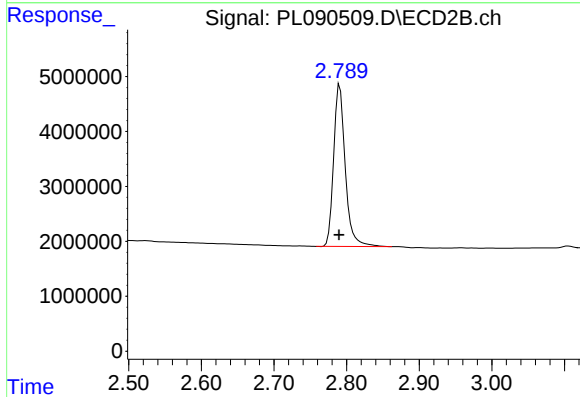




#1 Tetrachloro-m-xylene

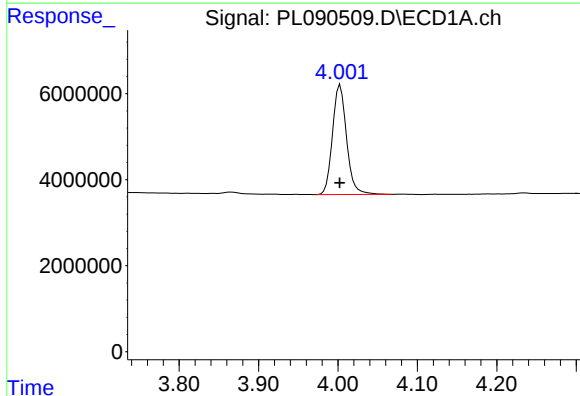
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 40520502
Conc: 19.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



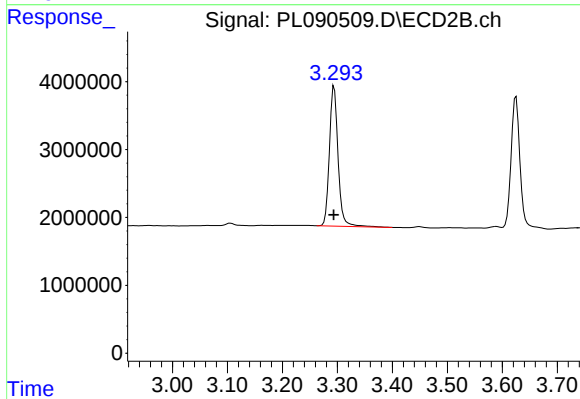
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: 0.000 min
Response: 32841034
Conc: 19.51 ng/ml



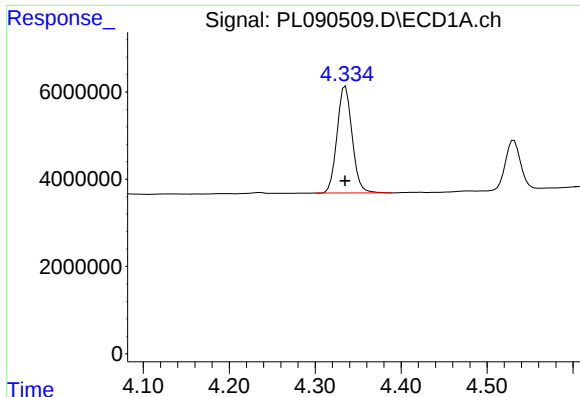
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 31408608
Conc: 10.58 ng/ml



#2 alpha-BHC

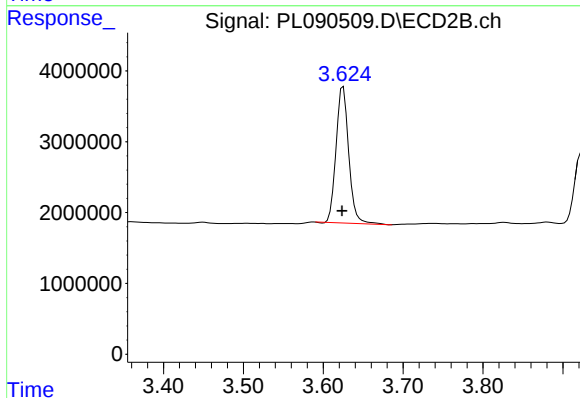
R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 22519010
Conc: 9.32 ng/ml



#3 gamma-BHC (Lindane)

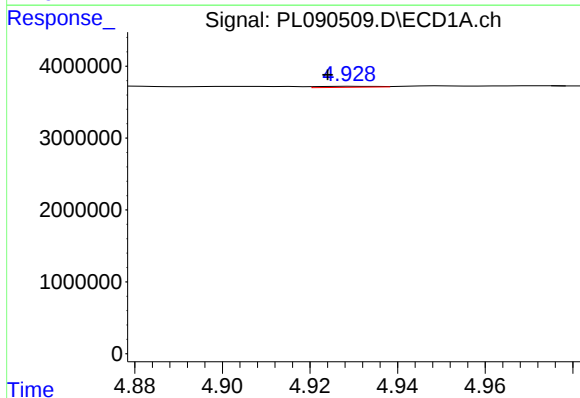
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 29798611
Conc: 10.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



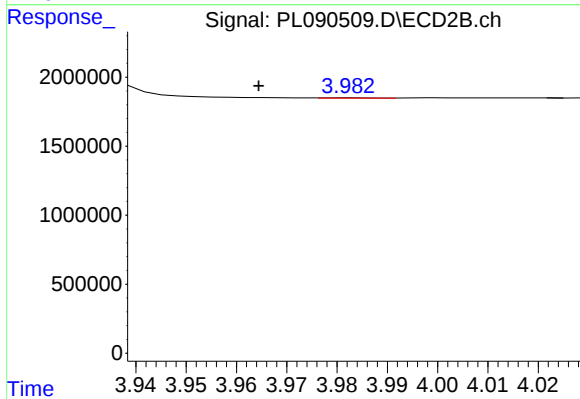
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: 0.001 min
Response: 21196734
Conc: 9.19 ng/ml



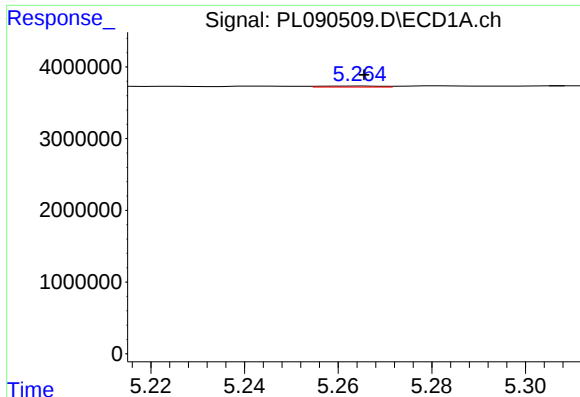
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 127365
Conc: 0.05 ng/ml



#4 Heptachlor

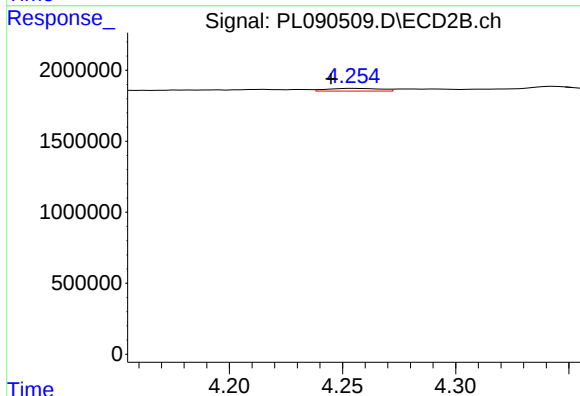
R.T.: 3.983 min
Delta R.T.: 0.018 min
Response: 22404
Conc: 0.01 ng/ml



#5 Aldrin

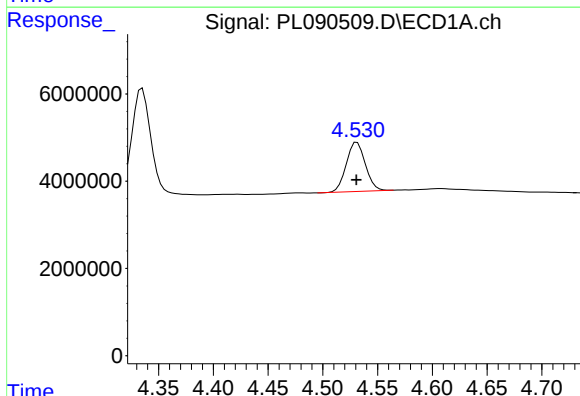
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 126853
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



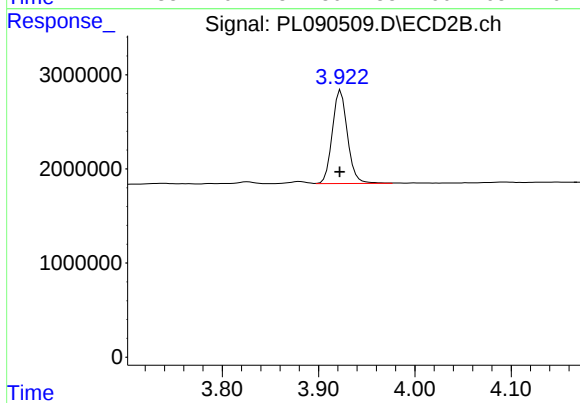
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.010 min
Response: 318603
Conc: 0.15 ng/ml



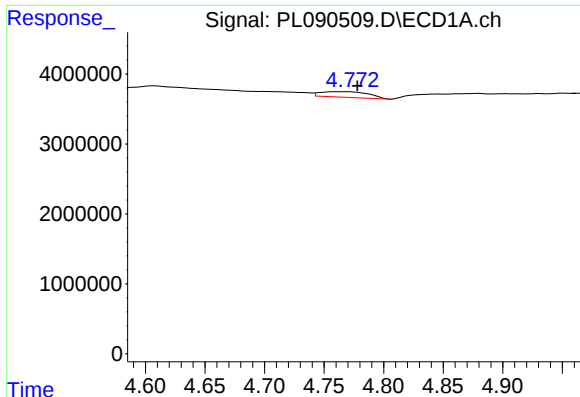
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 13679649
Conc: 10.78 ng/ml



#6 beta-BHC

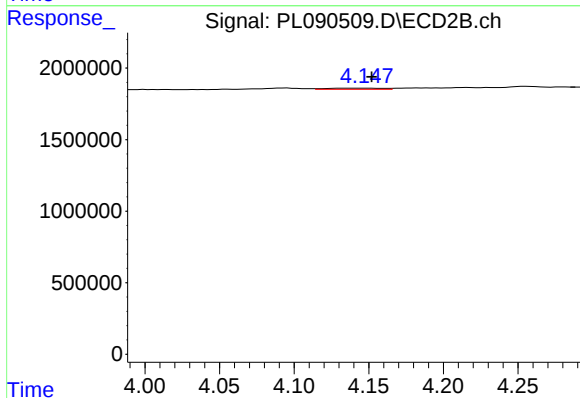
R.T.: 3.923 min
Delta R.T.: 0.001 min
Response: 10848587
Conc: 10.51 ng/ml



#7 delta-BHC

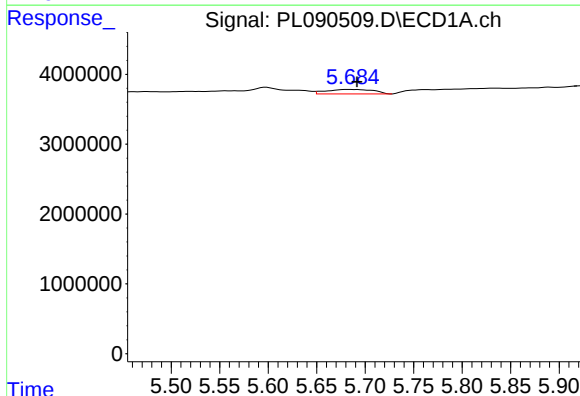
R.T.: 4.761 min
Delta R.T.: -0.017 min
Response: 2248920
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



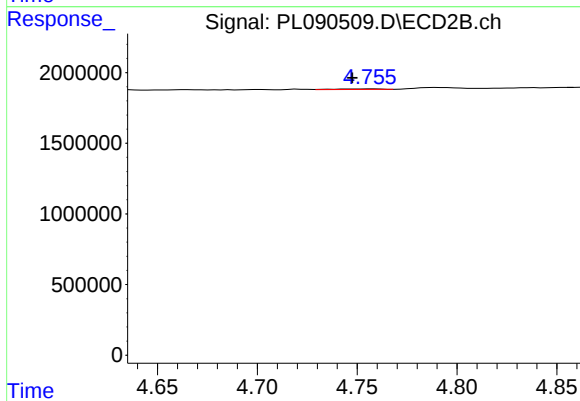
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 216262
Conc: 0.10 ng/ml



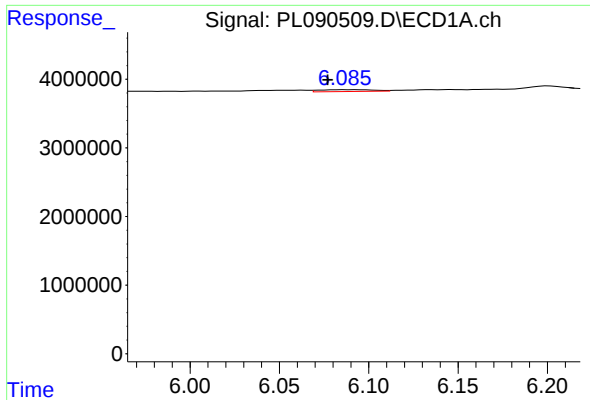
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.006 min
Response: 2149666
Conc: 0.91 ng/ml



#8 Heptachlor epoxide

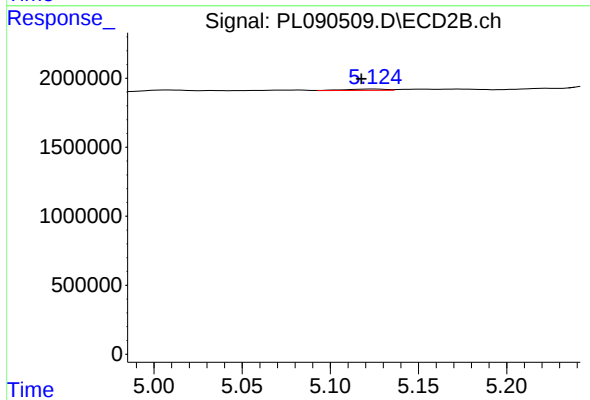
R.T.: 4.757 min
Delta R.T.: 0.009 min
Response: 57326
Conc: 0.03 ng/ml



#9 Endosulfan I

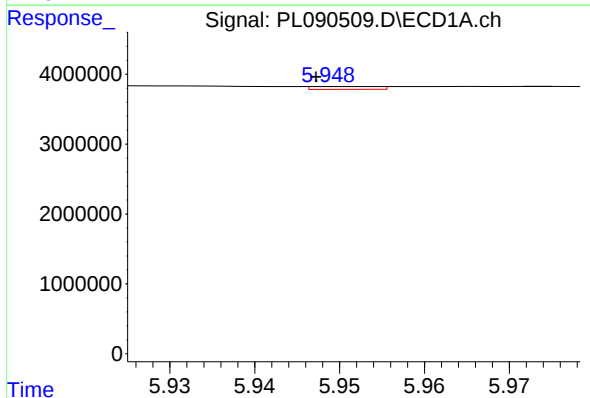
R.T.: 6.087 min
Delta R.T.: 0.010 min
Response: 555654
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



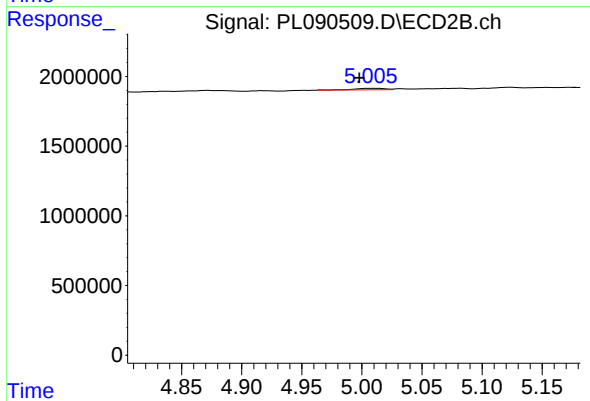
#9 Endosulfan I

R.T.: 5.125 min
Delta R.T.: 0.008 min
Response: 159697
Conc: 0.09 ng/ml



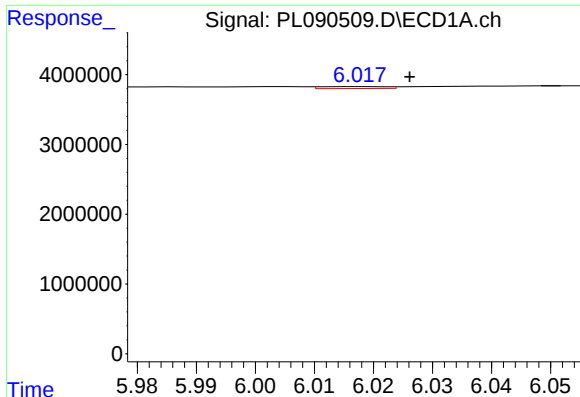
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.003 min
Response: 226370
Conc: 0.10 ng/ml



#10 gamma-Chlordane

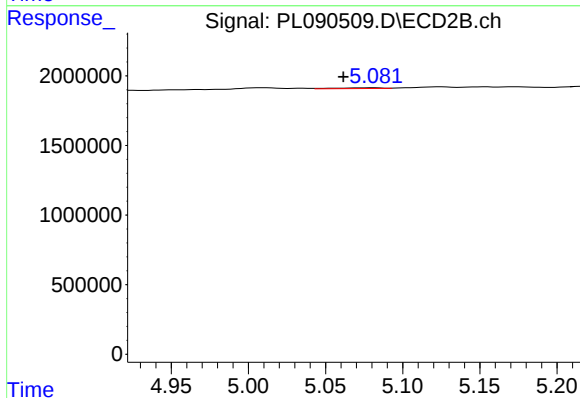
R.T.: 5.008 min
Delta R.T.: 0.010 min
Response: 168707
Conc: 0.08 ng/ml



#11 alpha-Chlordane

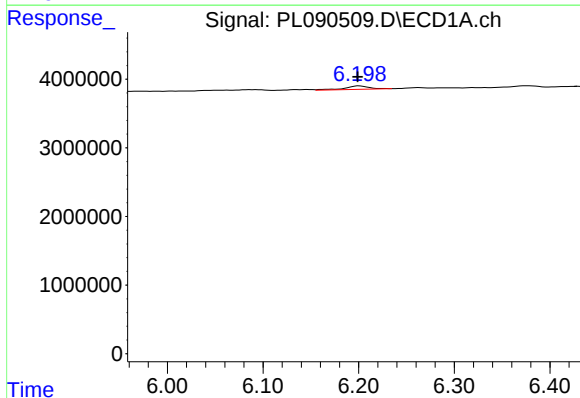
R.T.: 6.019 min
Delta R.T.: -0.008 min
Response: 211963
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



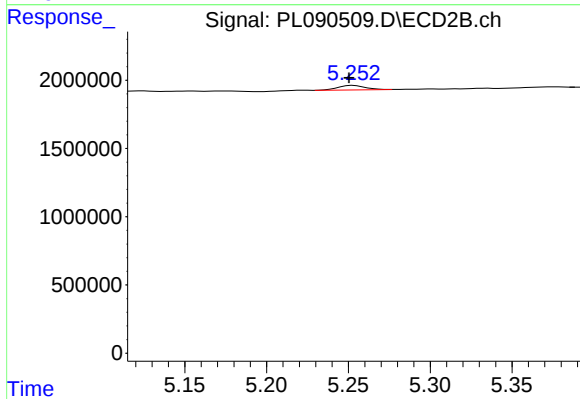
#11 alpha-Chlordane

R.T.: 5.082 min
Delta R.T.: 0.021 min
Response: 120547
Conc: 0.06 ng/ml



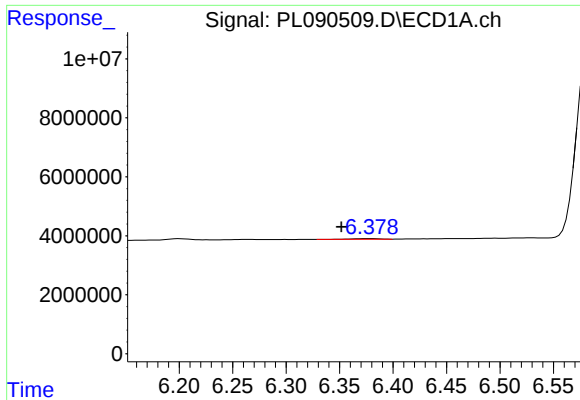
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.002 min
Response: 872399
Conc: 0.43 ng/ml



#12 4,4'-DDE

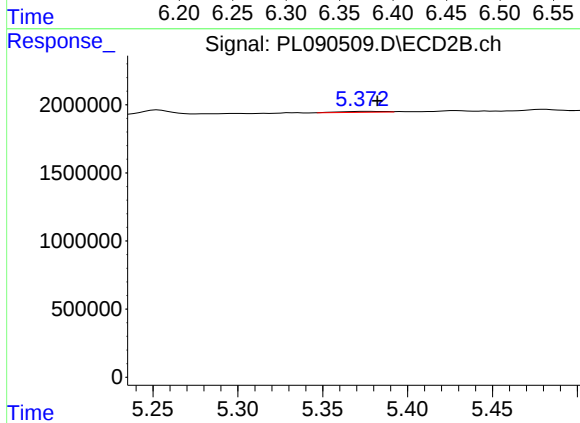
R.T.: 5.253 min
Delta R.T.: 0.003 min
Response: 402246
Conc: 0.23 ng/ml



#13 Dieldrin

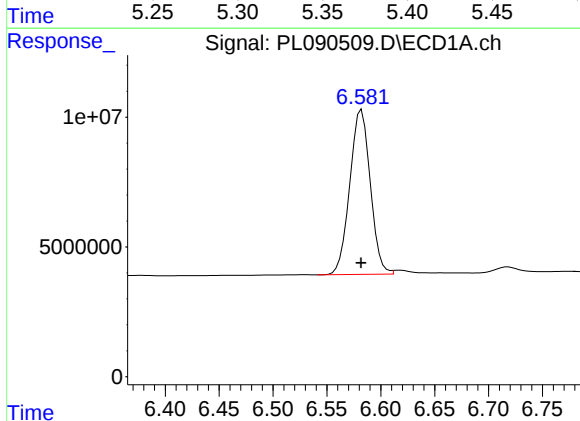
R.T.: 6.379 min
Delta R.T.: 0.027 min
Response: 393277
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



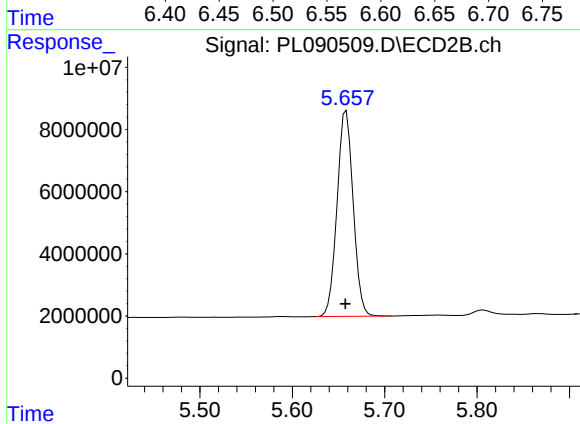
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.007 min
Response: 127597
Conc: 0.07 ng/ml



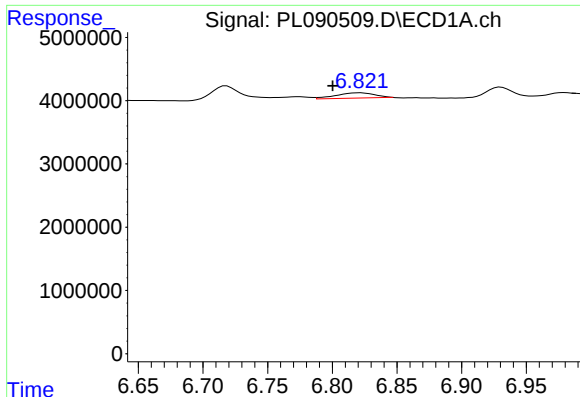
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 84042550
Conc: 45.71 ng/ml



#14 Endrin

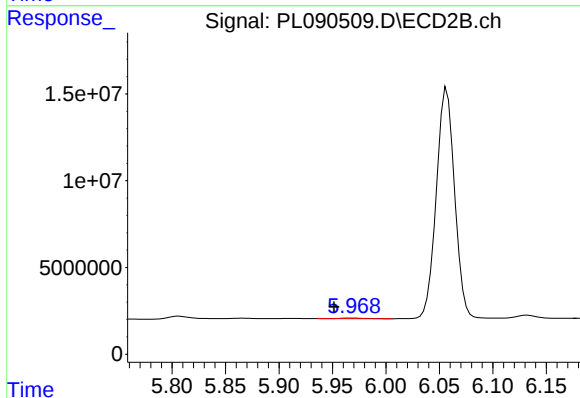
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 80305188
Conc: 46.66 ng/ml



#15 Endosulfan II

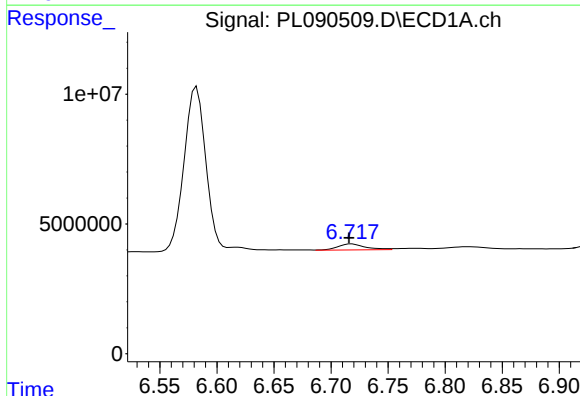
R.T.: 6.821 min
Delta R.T.: 0.021 min
Response: 1821042
Conc: 0.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



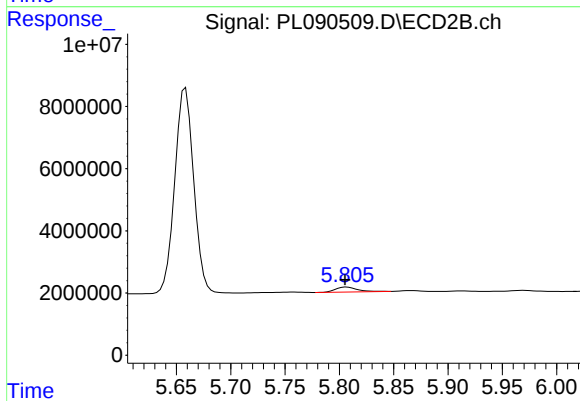
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.018 min
Response: 571663
Conc: 0.33 ng/ml



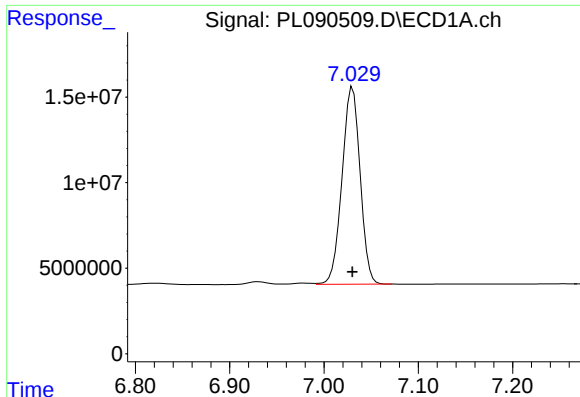
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 3911167
Conc: 2.32 ng/ml



#16 4,4'-DDD

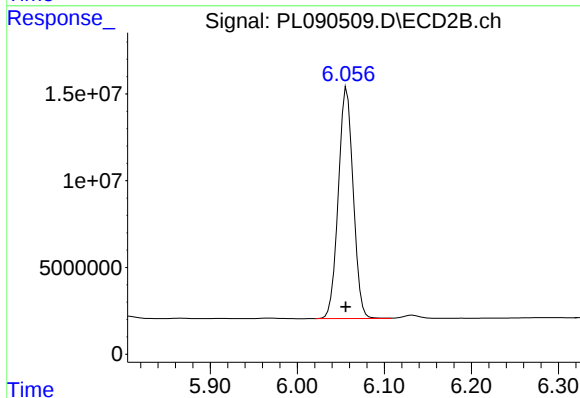
R.T.: 5.807 min
Delta R.T.: 0.001 min
Response: 2214011
Conc: 1.48 ng/ml



#17 4,4'-DDT

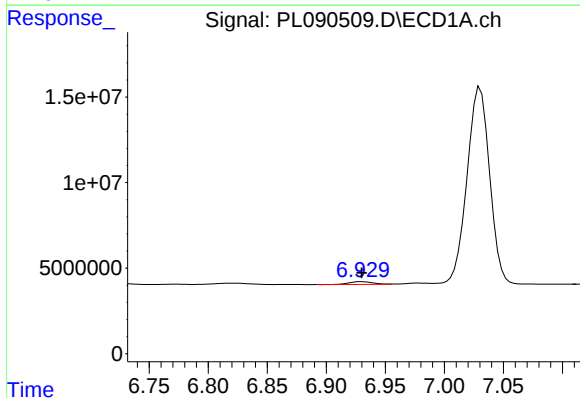
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 153835315
Conc: 91.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



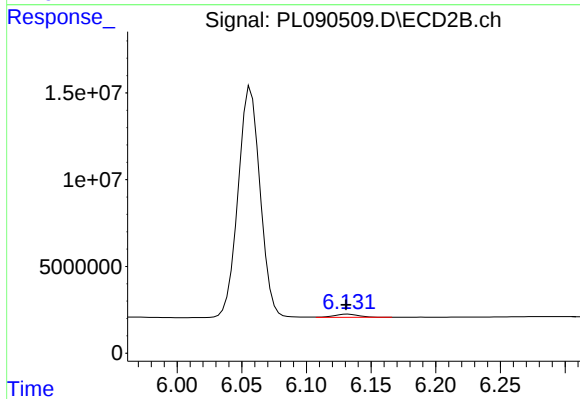
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 158133185
Conc: 107.93 ng/ml



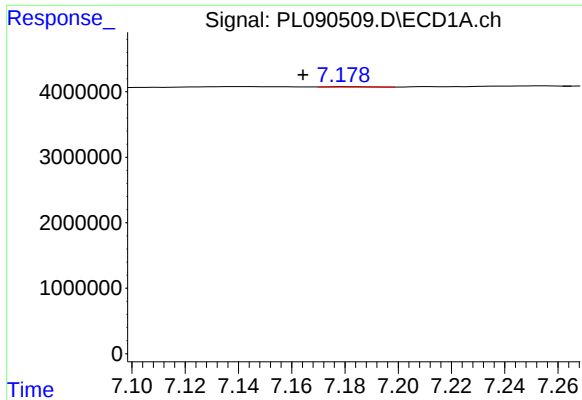
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2371429
Conc: 1.60 ng/ml



#18 Endrin aldehyde

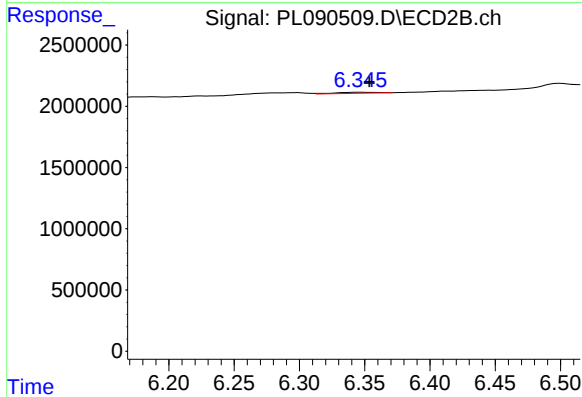
R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 2303761
Conc: 1.76 ng/ml



#19 Endosulfan Sulfate

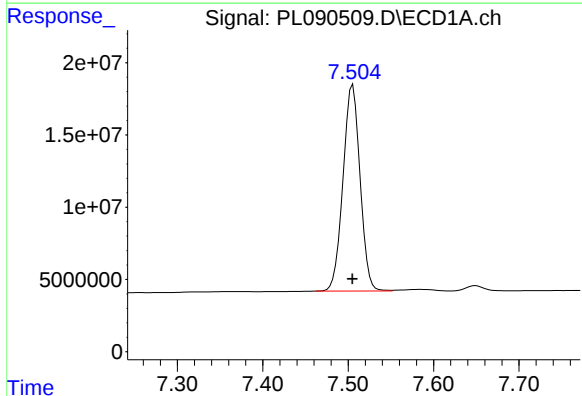
R.T.: 7.180 min
Delta R.T.: 0.016 min
Response: 56986
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



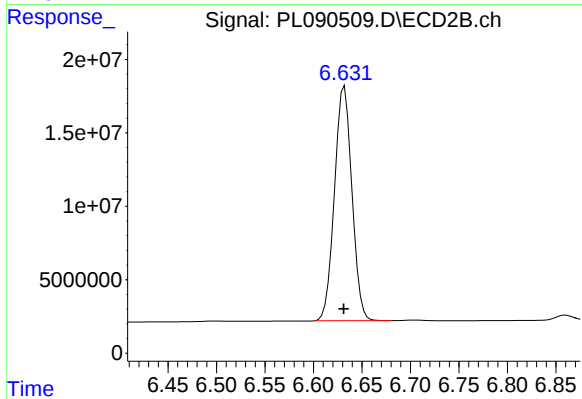
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.008 min
Response: 192843
Conc: 0.12 ng/ml



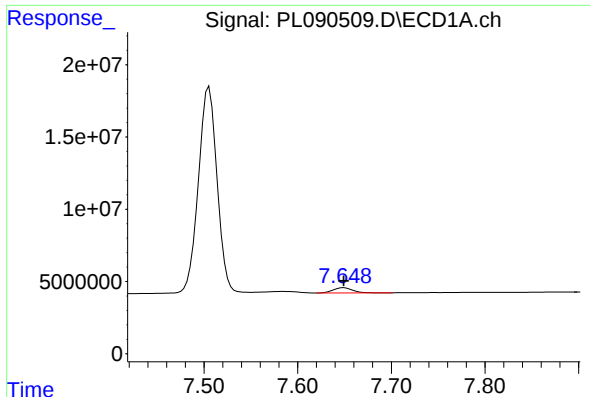
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 198072514
Conc: 224.34 ng/ml



#20 Methoxychlor

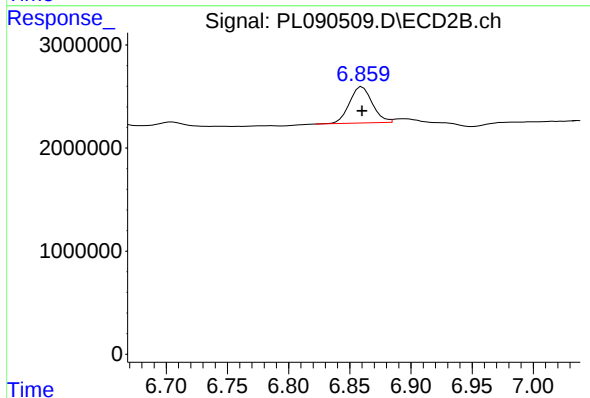
R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 199570816
Conc: 246.83 ng/ml



#21 Endrin ketone

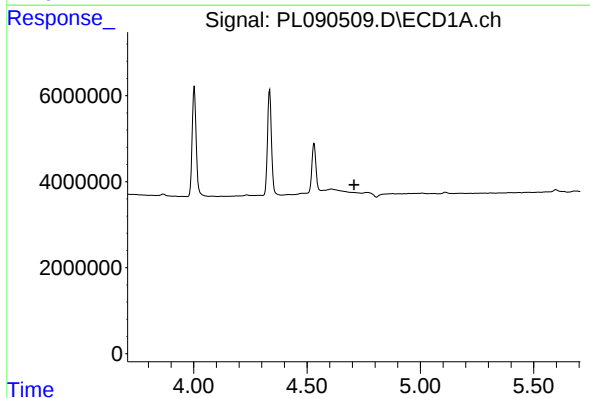
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 5117656
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



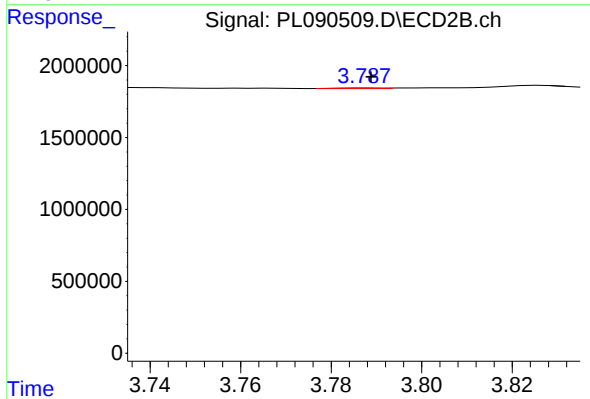
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 4558917
Conc: 2.49 ng/ml



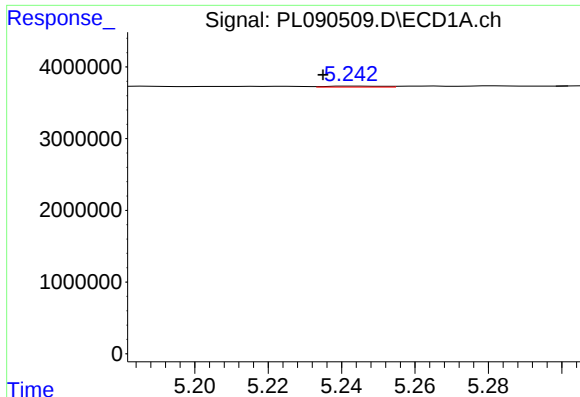
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.708 min
Response: 0
Conc: N.D.



#23 Chlordane-1

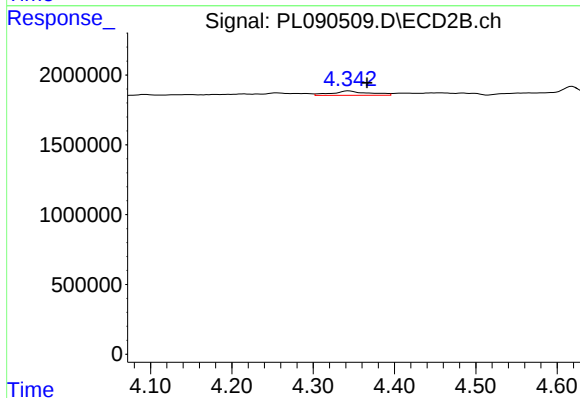
R.T.: 3.788 min
Delta R.T.: 0.000 min
Response: 30224
Conc: 0.49 ng/ml



#24 Chlordane-2

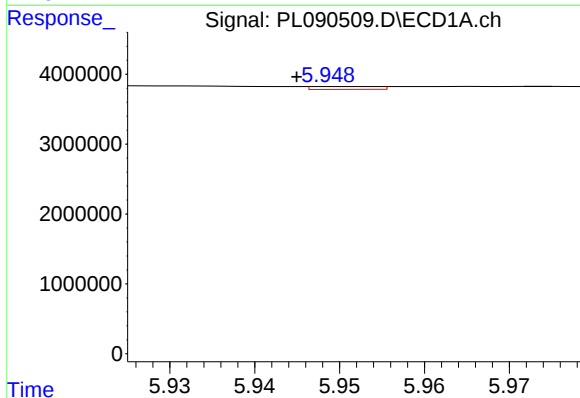
R.T.: 5.243 min
Delta R.T.: 0.008 min
Response: 142329
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



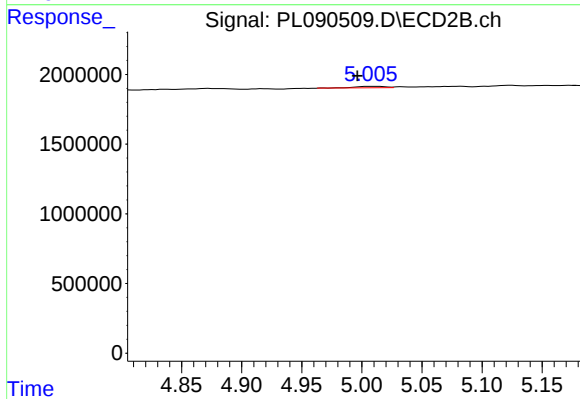
#24 Chlordane-2

R.T.: 4.343 min
Delta R.T.: -0.023 min
Response: 982074
Conc: 12.95 ng/ml



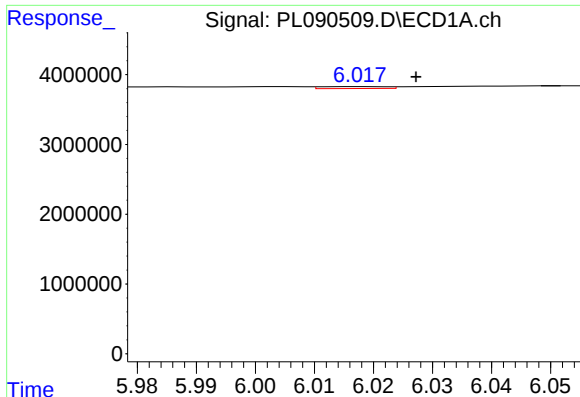
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: 0.006 min
Response: 226370
Conc: 0.68 ng/ml



#25 Chlordane-3

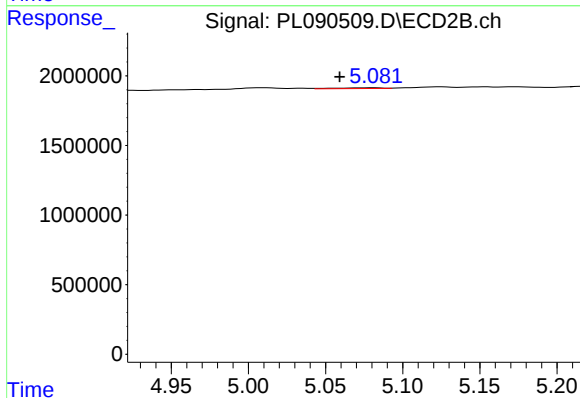
R.T.: 5.008 min
Delta R.T.: 0.012 min
Response: 168707
Conc: 0.82 ng/ml



#26 Chlordane-4

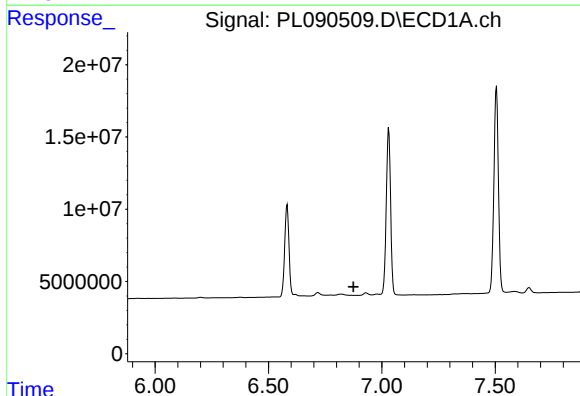
R.T.: 6.019 min
Delta R.T.: -0.009 min
Response: 211963
Conc: 0.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



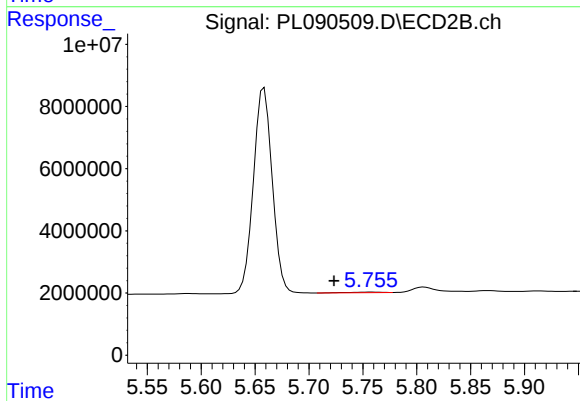
#26 Chlordane-4

R.T.: 5.082 min
Delta R.T.: 0.023 min
Response: 120547
Conc: 0.62 ng/ml



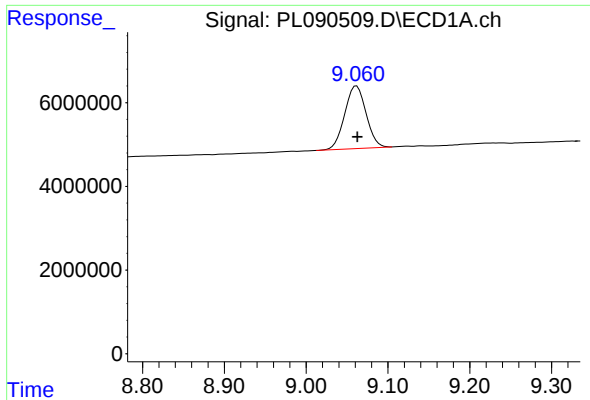
#27 Chlordane-5

R.T.: 6.866 min
Delta R.T.: -0.009 min
Response: -48789
Conc: N.D.



#27 Chlordane-5

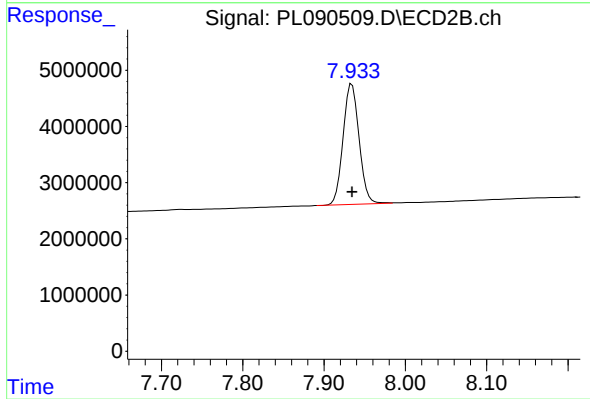
R.T.: 5.757 min
Delta R.T.: 0.034 min
Response: 355910
Conc: 5.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.001 min
Response: 27095049
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 29241399
Conc: 20.05 ng/ml