

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042023\
 Data File : PL082209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Apr 2023 17:49
 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: Apr 21 03:21:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 2023
 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...	3.323	2.648	46224980	40247182	17.305	17.372
28)	SA Decachlor...	8.741	7.761	34008301	41423445	17.814	18.148
Target Compounds							
2)	A alpha-BHC	3.772	3.146	32189112	27237230	8.087	8.003
3)	MA gamma-BHC...	4.101	3.473	30662056	25817358	8.201	8.030
5)	MB Aldrin	4.992f	4.081	144398	558037	0.044	0.177 #
6)	B beta-BHC	4.303	3.773	16285482	13222511	9.549	9.691
7)	B delta-BHC	0.000	3.995	0	384901	N.D.	0.125 #
8)	B Heptachlo...	5.443	4.580	1231955	97302	0.404	0.034 #
9)	A Endosulfan I	5.819	4.955	465562	75032	0.168	0.028 #
10)	B gamma-Chl...	5.684	4.858f	1121773	689772	0.373	0.238 #
11)	B alpha-Chl...	5.770	4.891	247425	278849	0.083	0.096
12)	B 4,4'-DDE	5.959	5.086	351781	149140	0.138	0.065 #
13)	MA Dieldrin	6.094	5.214	605079	121017	0.219	0.045 #
14)	MA Endrin	6.324	5.489	98781173	99625016	40.742	40.730
15)	B Endosulfa...	6.534	0.000	4157748	0	1.708	N.D. #
16)	A 4,4'-DDD	6.469	5.641	504411	256514	0.249	0.137 #
17)	MA 4,4'-DDT	6.780	5.889	193.9E6	191.7E6	84.772	90.731
18)	B Endrin al...	6.677	5.967	1822597	4702651	0.967	2.513 #
19)	B Endosulfa...	0.000	6.178	0	315380	N.D.	0.134 #
20)	A Methoxychlor	7.260	6.468	261.4E6	259.9E6	214.169	214.505
21)	B Endrin ke...	7.389	6.692	3536660	4610828	1.477	1.817
23)	Chlordane-1	0.000	3.617f	0	213785	N.D.	2.411 #
24)	Chlordane-2	4.992	4.189f	144398	1237490	1.213	11.035 #
25)	Chlordane-3	5.684	4.858f	1121773	689772	2.598	2.428
26)	Chlordane-4	5.770	4.891	247425	278849	0.476	0.934 #

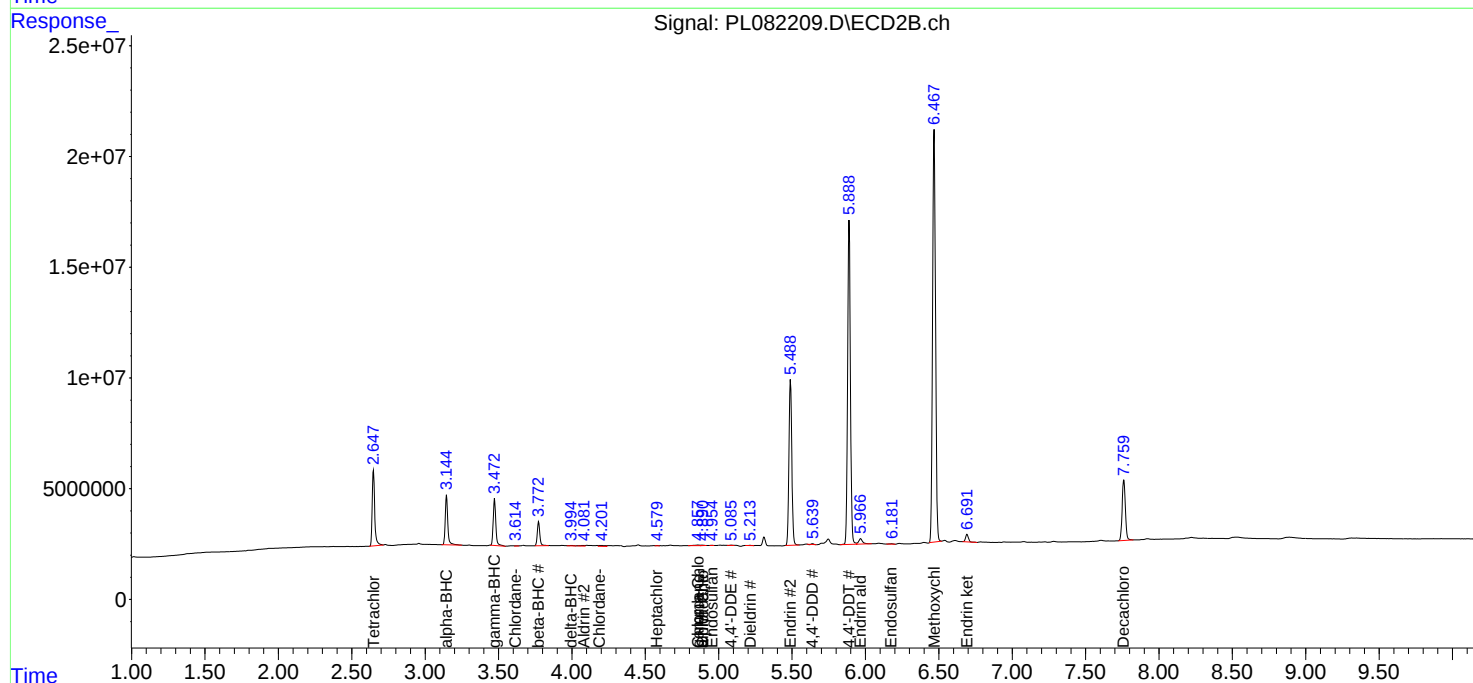
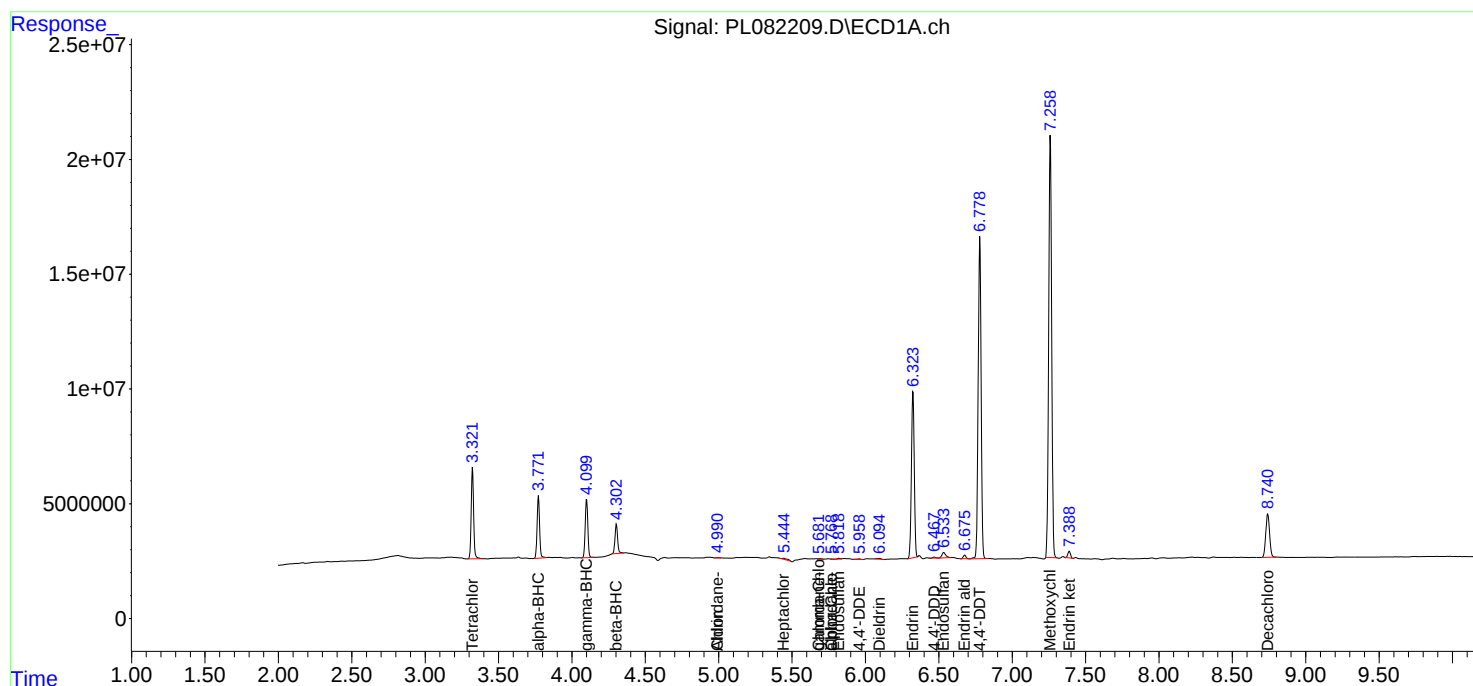
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

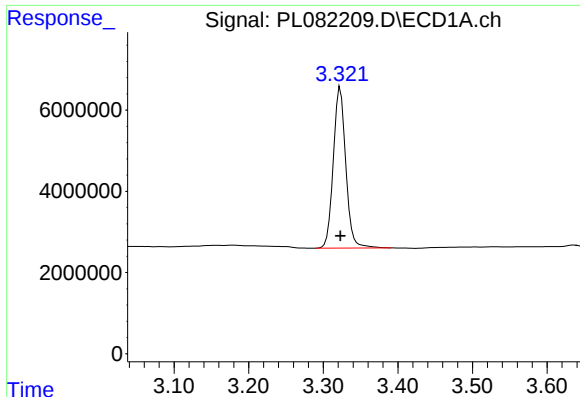
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042023\
Data File : PL082209.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Apr 2023 17:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 03:21:42 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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

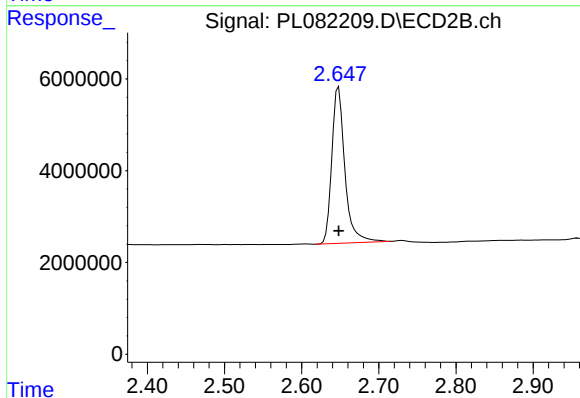




#1 Tetrachloro-m-xylene

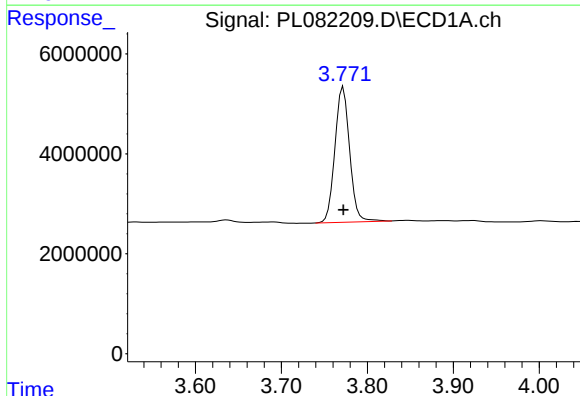
R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 46224980
Conc: 17.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



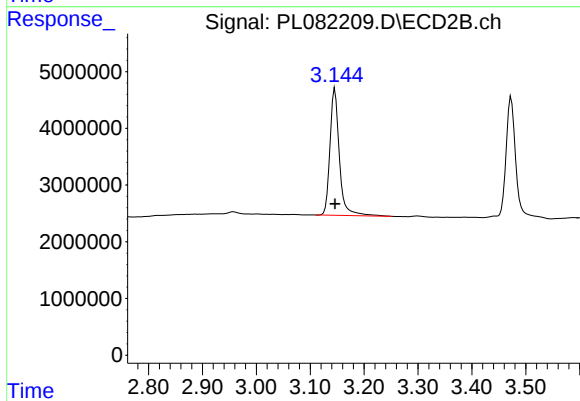
#1 Tetrachloro-m-xylene

R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 40247182
Conc: 17.37 ng/ml



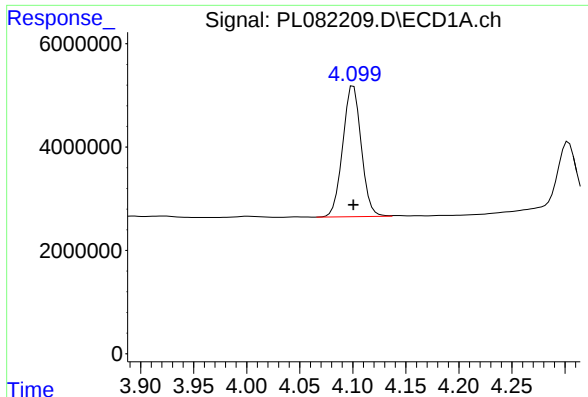
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 32189112
Conc: 8.09 ng/ml



#2 alpha-BHC

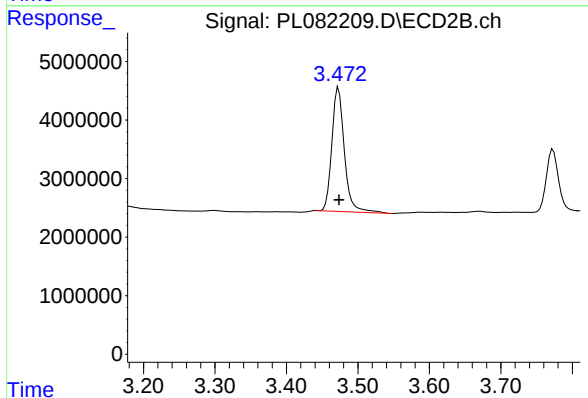
R.T.: 3.146 min
Delta R.T.: 0.000 min
Response: 27237230
Conc: 8.00 ng/ml



#3 gamma-BHC (Lindane)

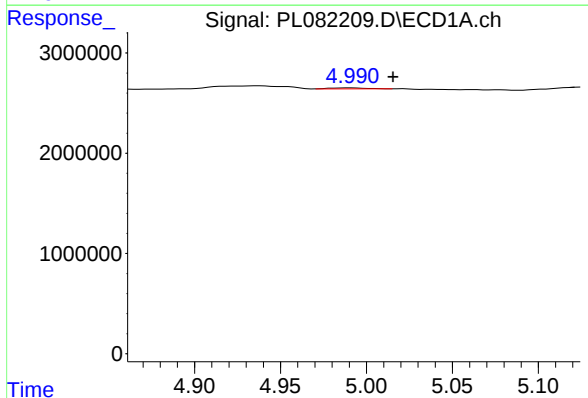
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 30662056
Conc: 8.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



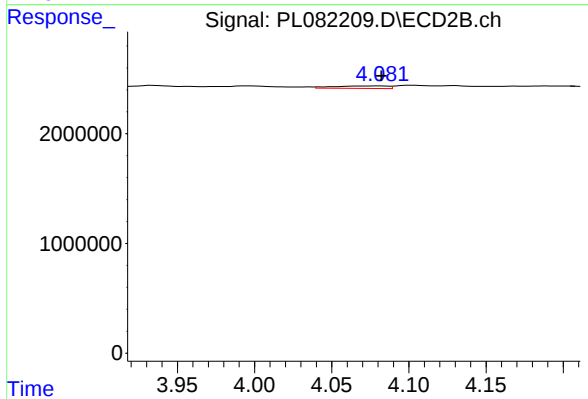
#3 gamma-BHC (Lindane)

R.T.: 3.473 min
Delta R.T.: 0.000 min
Response: 25817358
Conc: 8.03 ng/ml



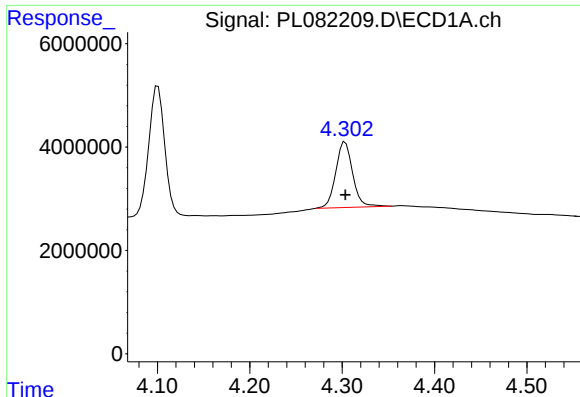
#5 Aldrin

R.T.: 4.992 min
Delta R.T.: -0.024 min
Response: 144398
Conc: 0.04 ng/ml



#5 Aldrin

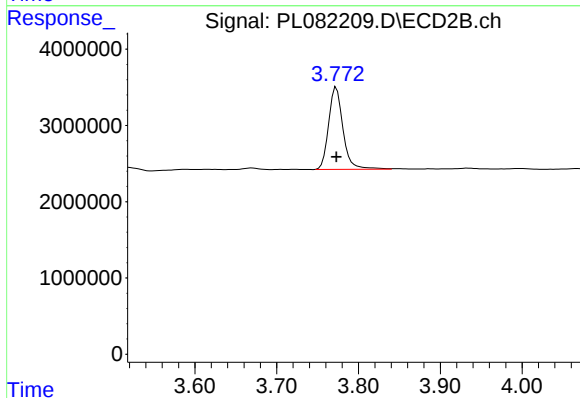
R.T.: 4.081 min
Delta R.T.: -0.001 min
Response: 558037
Conc: 0.18 ng/ml



#6 beta-BHC

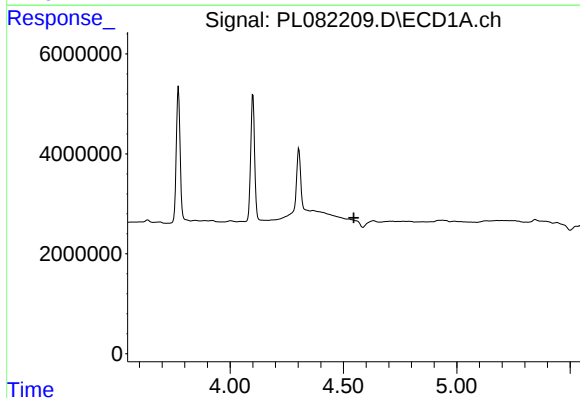
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 16285482
Conc: 9.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



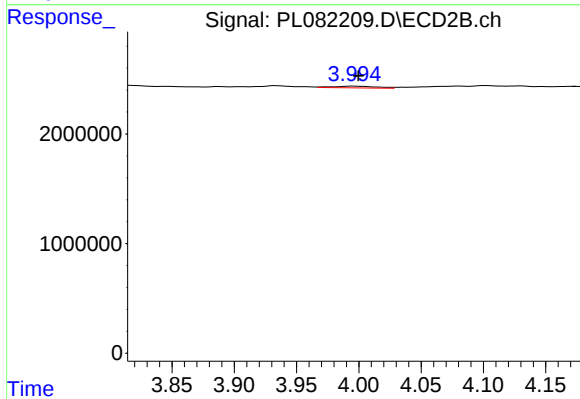
#6 beta-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 13222511
Conc: 9.69 ng/ml



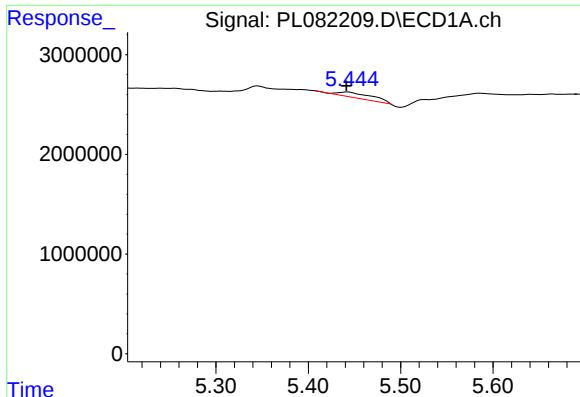
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.545 min
Response: 0
Conc: N.D.



#7 delta-BHC

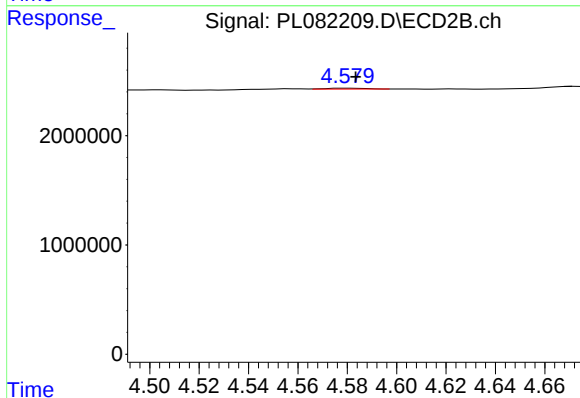
R.T.: 3.995 min
Delta R.T.: -0.004 min
Response: 384901
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

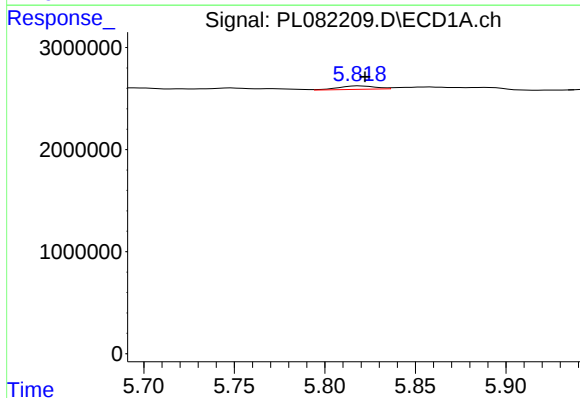
R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 1231955
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



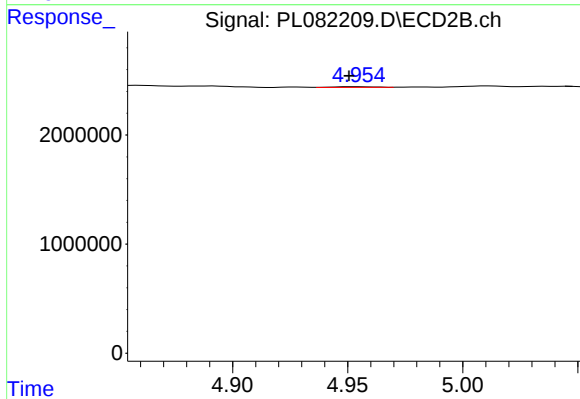
#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 97302
Conc: 0.03 ng/ml



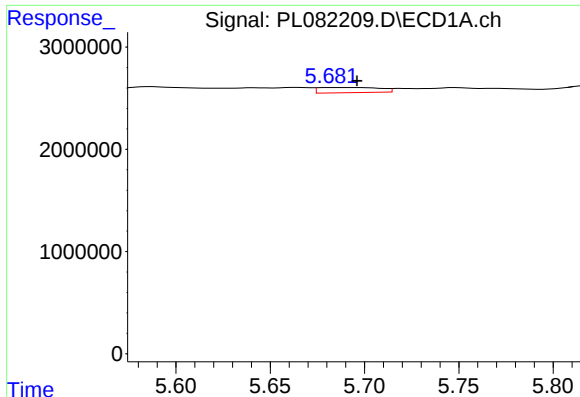
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 465562
Conc: 0.17 ng/ml



#9 Endosulfan I

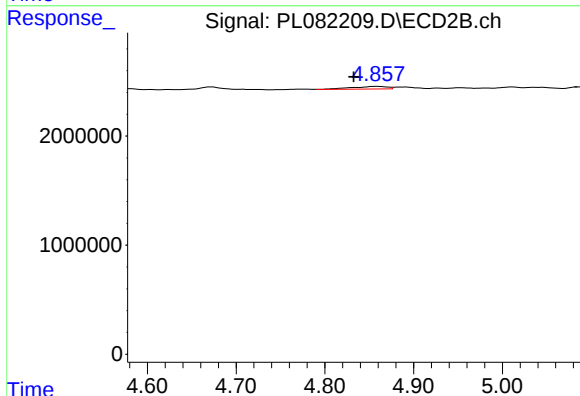
R.T.: 4.955 min
Delta R.T.: 0.004 min
Response: 75032
Conc: 0.03 ng/ml



#10 gamma-Chlordane

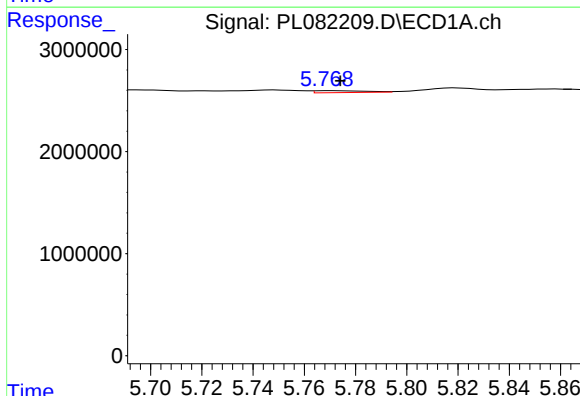
R.T.: 5.684 min
Delta R.T.: -0.012 min
Response: 1121773
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



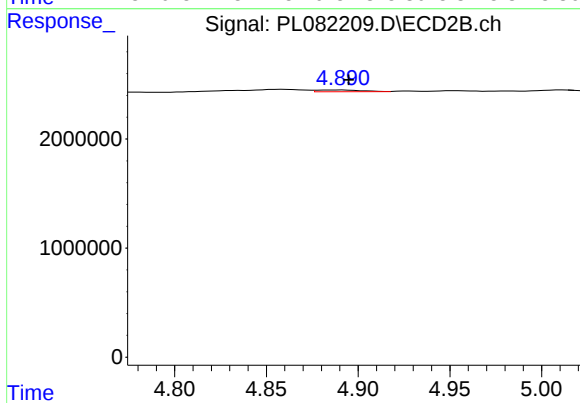
#10 gamma-Chlordane

R.T.: 4.858 min
Delta R.T.: 0.026 min
Response: 689772
Conc: 0.24 ng/ml



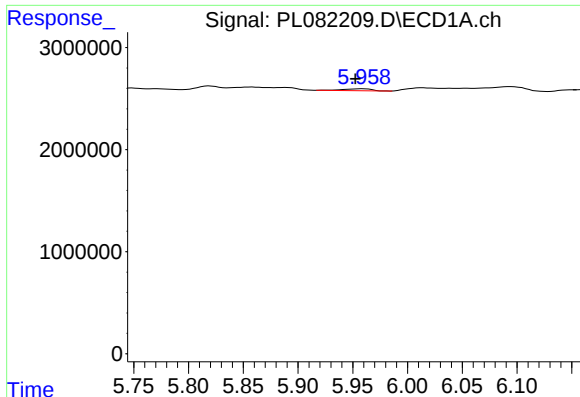
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 247425
Conc: 0.08 ng/ml



#11 alpha-Chlordane

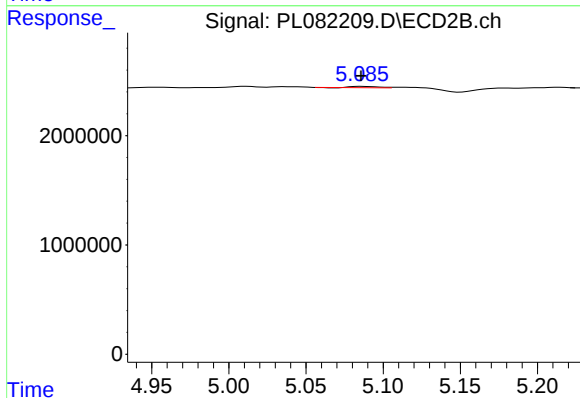
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 278849
Conc: 0.10 ng/ml



#12 4,4'-DDE

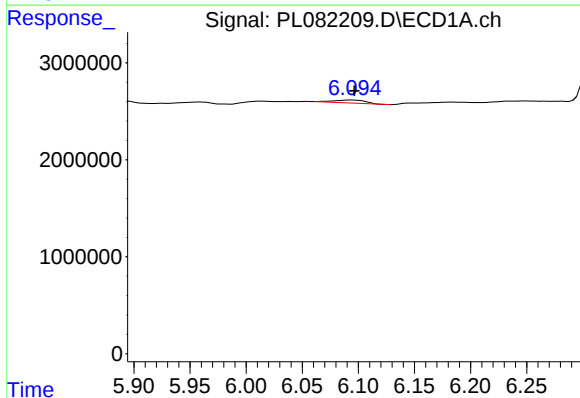
R.T.: 5.959 min
Delta R.T.: 0.007 min
Response: 351781
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



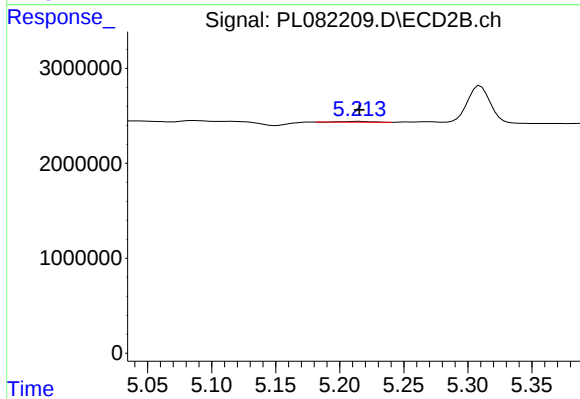
#12 4,4'-DDE

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 149140
Conc: 0.06 ng/ml



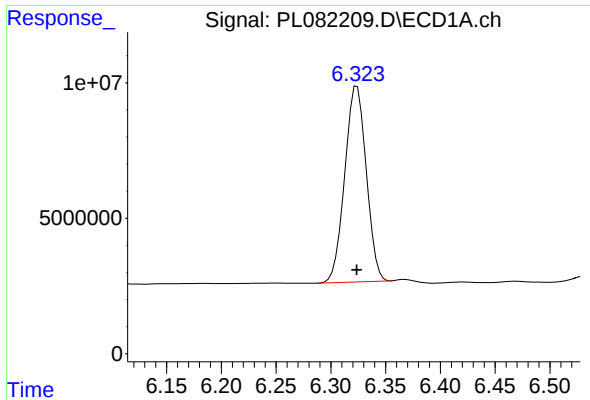
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 605079
Conc: 0.22 ng/ml



#13 Dieldrin

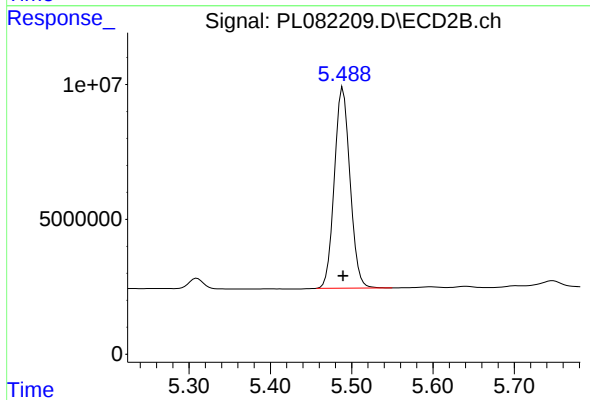
R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 121017
Conc: 0.04 ng/ml



#14 Endrin

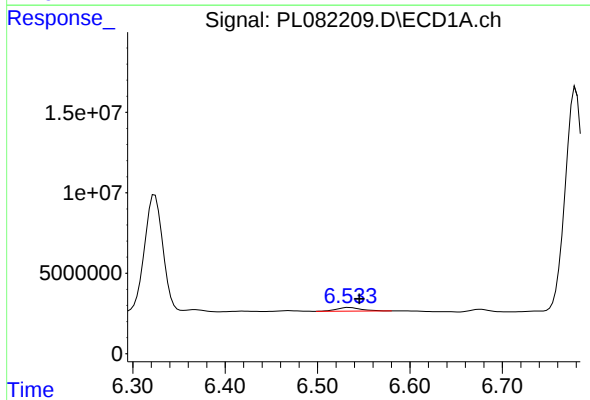
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 98781173
Conc: 40.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



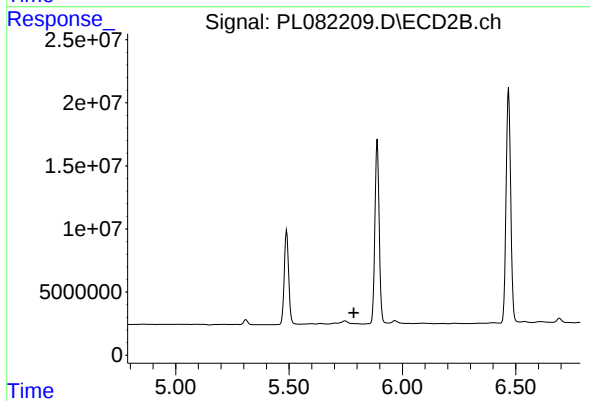
#14 Endrin

R.T.: 5.489 min
Delta R.T.: 0.000 min
Response: 99625016
Conc: 40.73 ng/ml



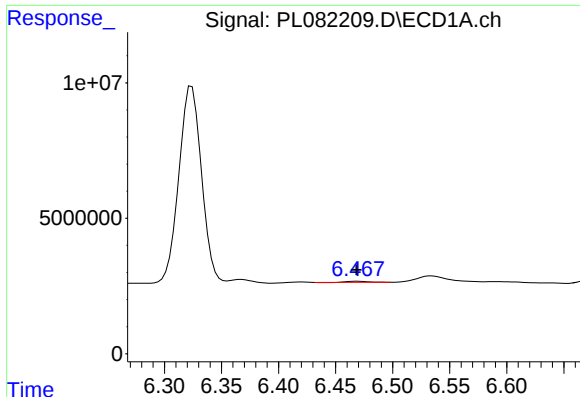
#15 Endosulfan II

R.T.: 6.534 min
Delta R.T.: -0.011 min
Response: 4157748
Conc: 1.71 ng/ml



#15 Endosulfan II

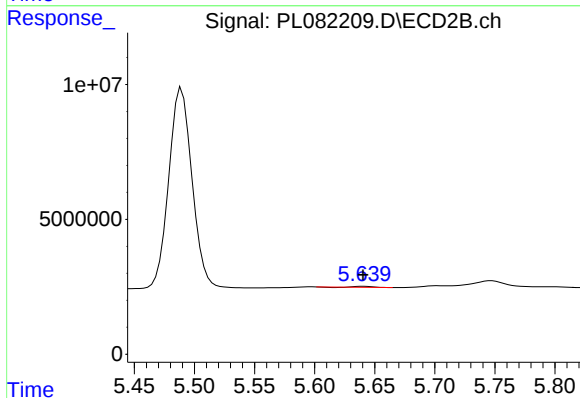
R.T.: 0.000 min
Exp R.T. : 5.786 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

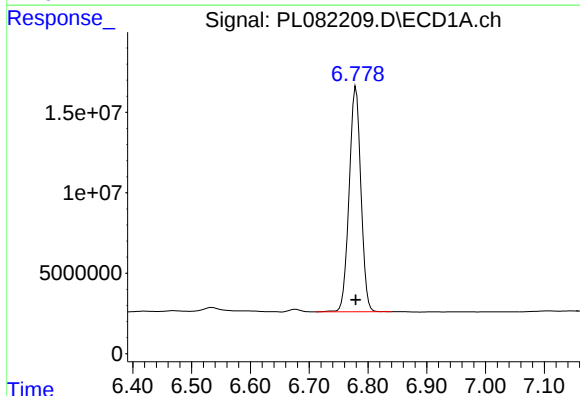
R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 504411
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



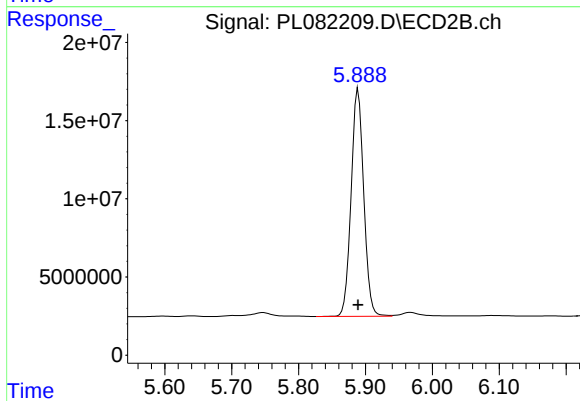
#16 4,4'-DDD

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 256514
Conc: 0.14 ng/ml



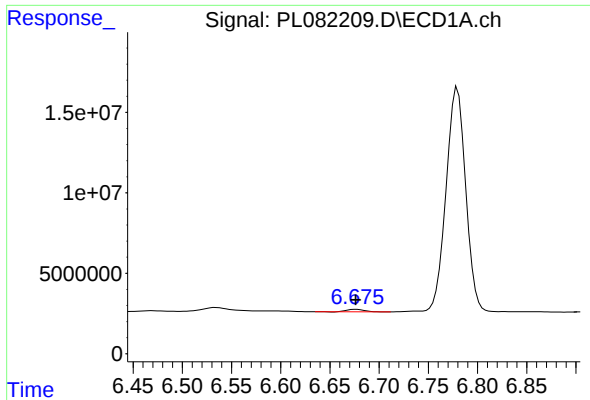
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 193934253
Conc: 84.77 ng/ml



#17 4,4'-DDT

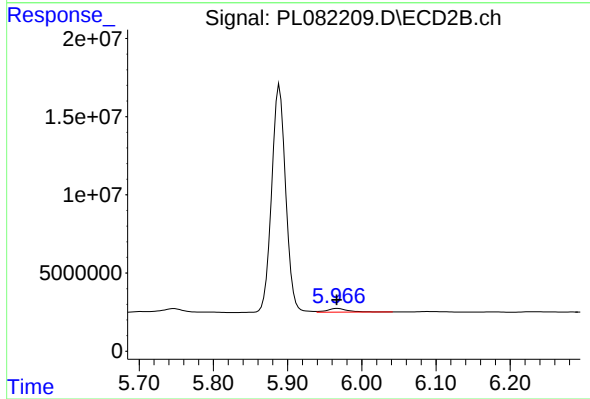
R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 191678525
Conc: 90.73 ng/ml



#18 Endrin aldehyde

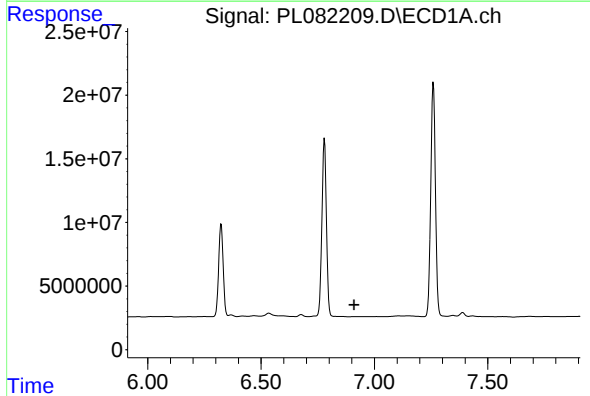
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 1822597
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



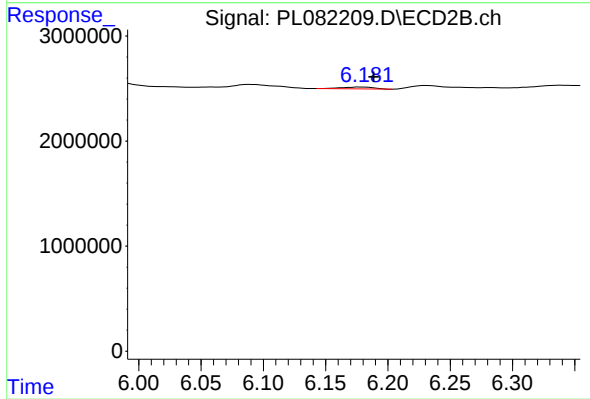
#18 Endrin aldehyde

R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 4702651
Conc: 2.51 ng/ml



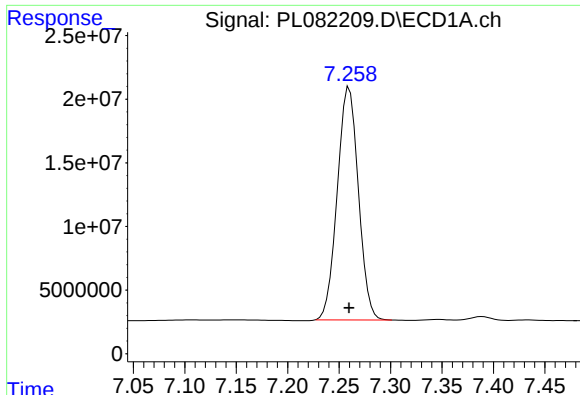
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.910 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

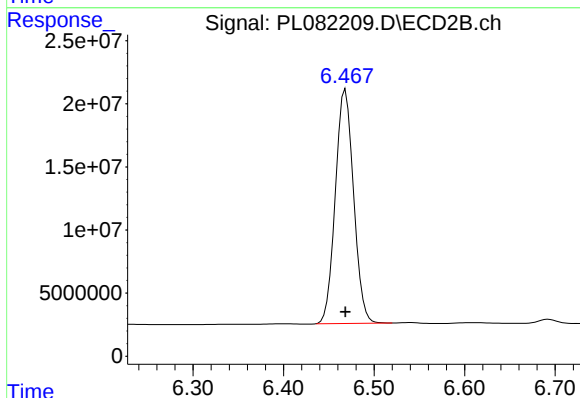
R.T.: 6.178 min
Delta R.T.: -0.010 min
Response: 315380
Conc: 0.13 ng/ml



#20 Methoxychlor

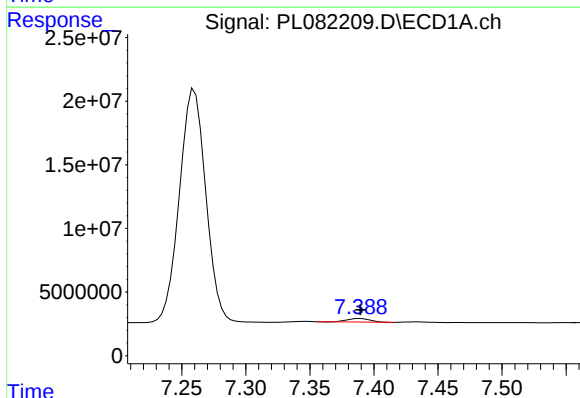
R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 261356815
Conc: 214.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



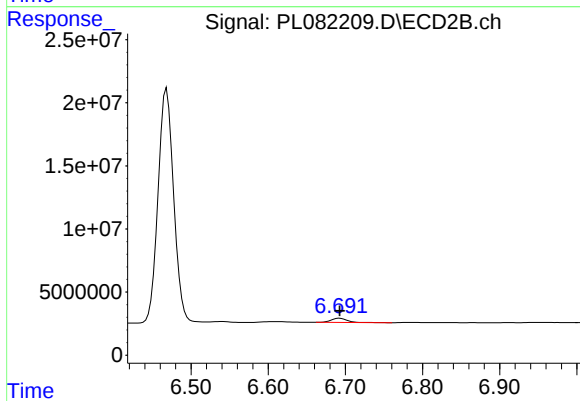
#20 Methoxychlor

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 259944112
Conc: 214.50 ng/ml



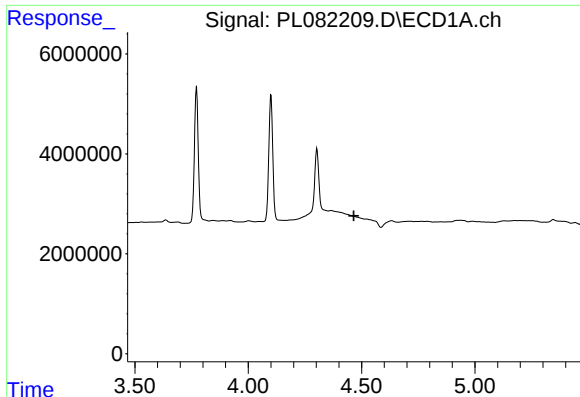
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 3536660
Conc: 1.48 ng/ml



#21 Endrin ketone

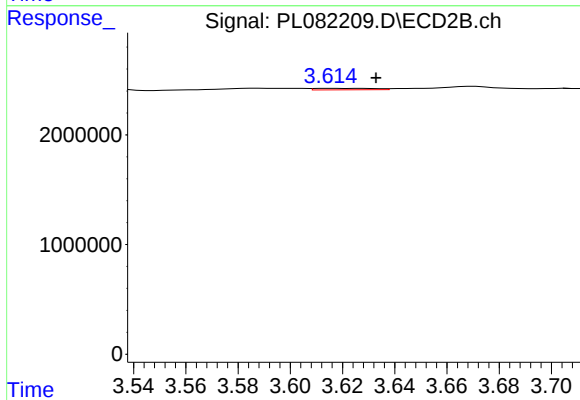
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 4610828
Conc: 1.82 ng/ml



#23 Chlordane-1

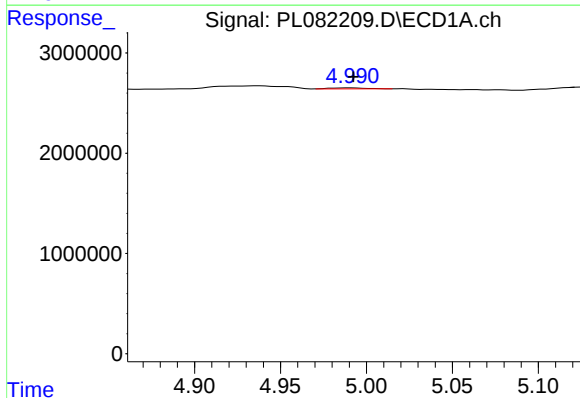
R.T.: 0.000 min
Exp R.T.: 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



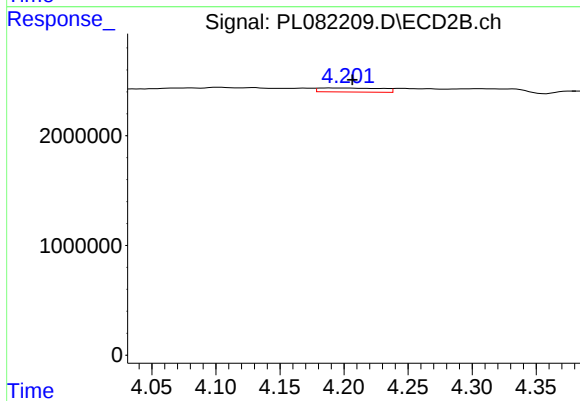
#23 Chlordane-1

R.T.: 3.617 min
Delta R.T.: -0.016 min
Response: 213785
Conc: 2.41 ng/ml



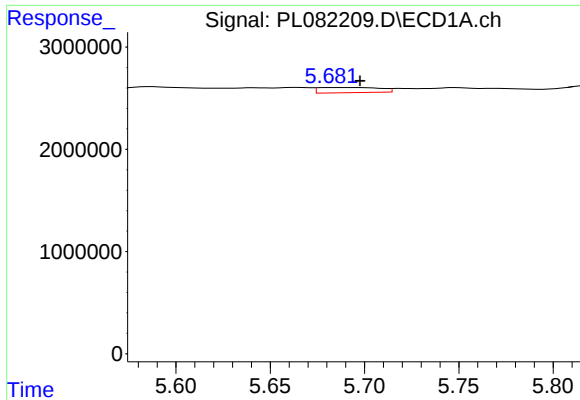
#24 Chlordane-2

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 144398
Conc: 1.21 ng/ml



#24 Chlordane-2

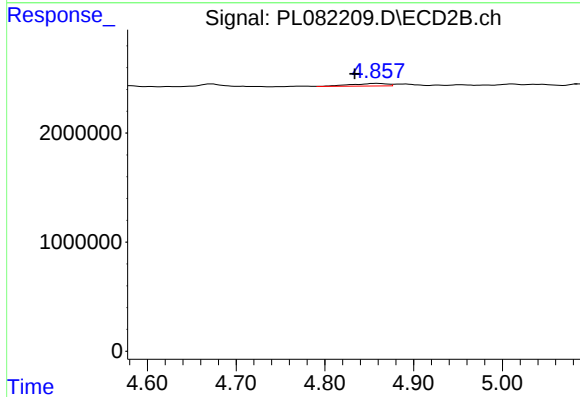
R.T.: 4.189 min
Delta R.T.: -0.017 min
Response: 1237490
Conc: 11.03 ng/ml



#25 Chlordane-3

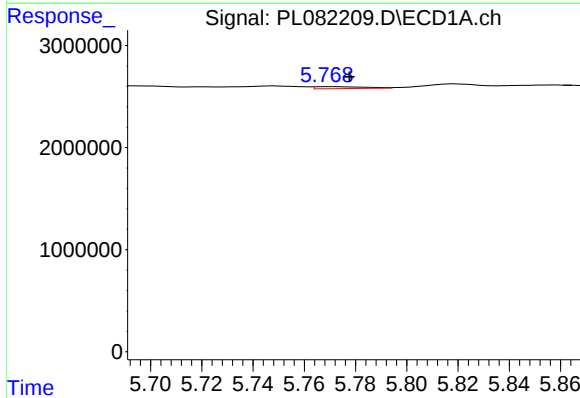
R.T.: 5.684 min
Delta R.T.: -0.014 min
Response: 1121773
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



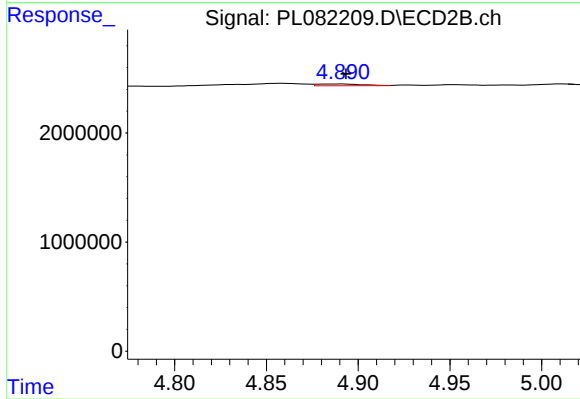
#25 Chlordane-3

R.T.: 4.858 min
Delta R.T.: 0.025 min
Response: 689772
Conc: 2.43 ng/ml



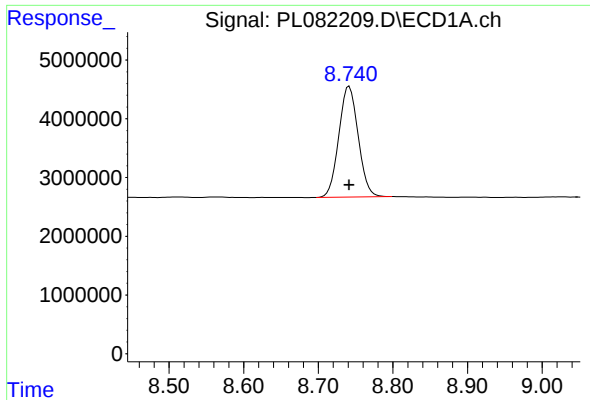
#26 Chlordane-4

R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 247425
Conc: 0.48 ng/ml



#26 Chlordane-4

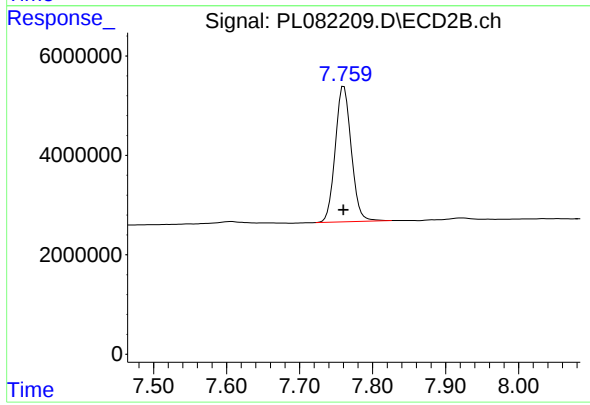
R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 278849
Conc: 0.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.741 min
Delta R.T.: 0.000 min
Response: 34008301
Conc: 17.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 41423445
Conc: 18.15 ng/ml