

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 09:09
 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 11 21:18:00 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...	3.322	2.643	51576376	42897203	19.308	18.516
28)	SA Decachlor...	8.742	7.753	39405291	43170086	20.641	18.914
Target Compounds							
2)	A alpha-BHC	3.771	3.140	35607738	27751137	8.946	8.154
3)	MA gamma-BHC...	4.099	3.467	35261672	26958670	9.431	8.385
4)	MA Heptachlor	4.684	0.000	327692	0	0.090	N.D. #
5)	MB Aldrin	0.000	4.069	0	510631	N.D.	0.162 #
6)	B beta-BHC	4.303	3.768	17006433	13891254	9.972	10.181
7)	B delta-BHC	4.527f	3.990	1535988	560005	0.427	0.183 #
8)	B Heptachlo...	5.439	4.580	1014702	27908	0.333	0.010 #
9)	A Endosulfan I	5.812	4.948	554997	206430	0.200	0.077 #
10)	B gamma-Chl...	5.673f	4.835	3821403	742708	1.271	0.256 #
11)	B alpha-Chl...	5.778	4.873f	308401	231632	0.103	0.080
12)	B 4,4'-DDE	5.951	5.079	494232	1219153	0.194	0.530 #
13)	MA Dieldrin	0.000	5.215	0	22531	N.D.	0.008 #
14)	MA Endrin	6.324	5.483	103.3E6	98065963	42.616	40.093
15)	B Endosulfa...	6.537	5.797	1051052	951336	0.432	0.422
16)	A 4,4'-DDD	6.468	5.634	9911938	8325903	4.889	4.451
17)	MA 4,4'-DDT	6.779	5.882	198.7E6	192.1E6	86.835	90.916
18)	B Endrin al...	6.676	5.960	3902790	5457600	2.071	2.916 #
19)	B Endosulfa...	6.887f	6.177	851508	437617	0.359	0.186 #
20)	A Methoxychlor	7.261	6.462	266.4E6	251.0E6	218.286	207.087
21)	B Endrin ke...	7.390	6.686	8444960	9844653	3.527	3.879
22)	Mirex	7.854	6.858	255847	35912	0.131	0.016 #
23)	Chlordane-1	0.000	3.629	0	41117	N.D.	0.464 #
24)	Chlordane-2	0.000	4.200	0	849739	N.D.	7.577 #
25)	Chlordane-3	5.673f	4.835	3821403	742708	8.852	2.614 #
26)	Chlordane-4	5.778	4.873f	308401	231632	0.593	0.776 #
27)	Chlordane-5	0.000	5.797	0	951336	N.D.	9.637 #

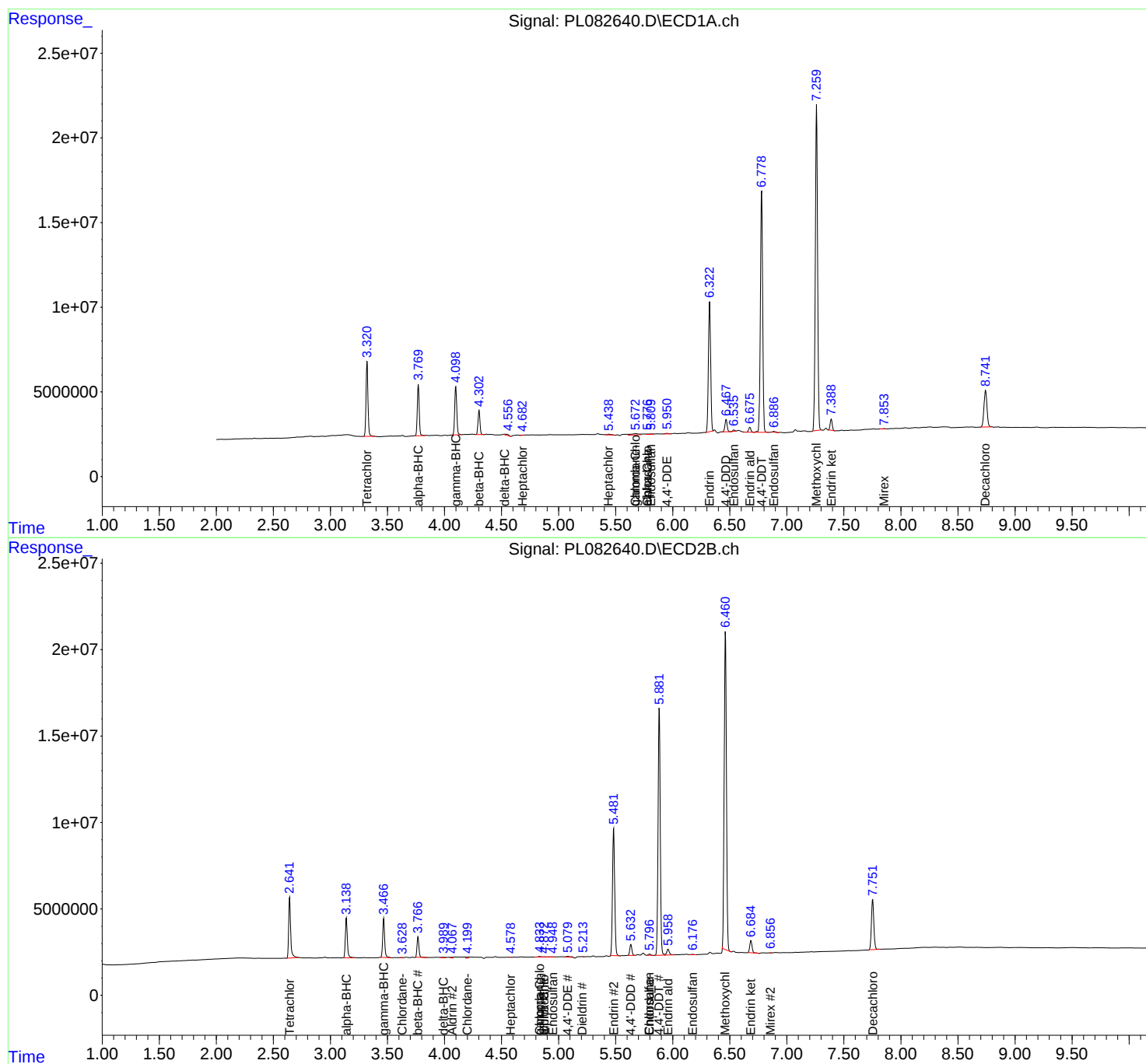
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

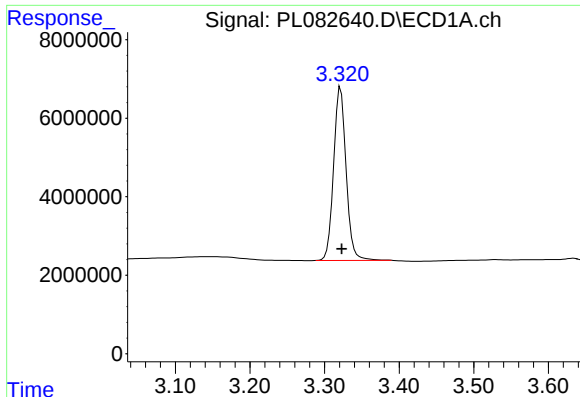
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082640.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 09:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:18:00 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

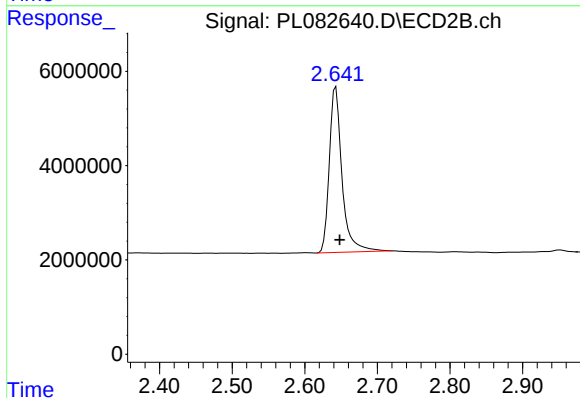




#1 Tetrachloro-m-xylene

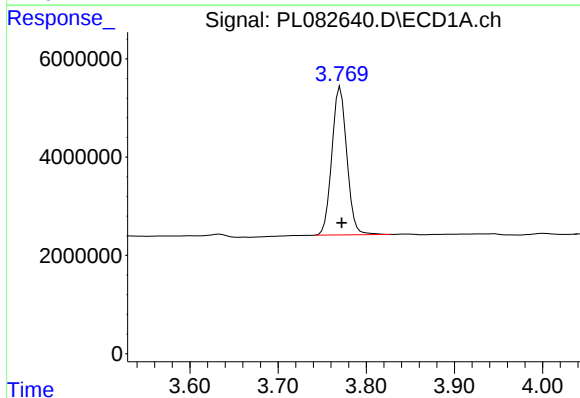
R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 51576376
Conc: 19.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



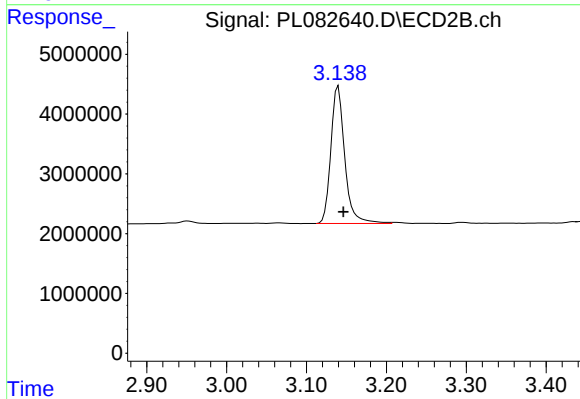
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 42897203
Conc: 18.52 ng/ml



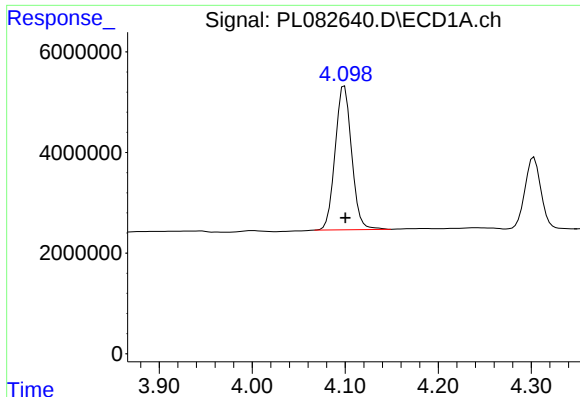
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: -0.002 min
Response: 35607738
Conc: 8.95 ng/ml



#2 alpha-BHC

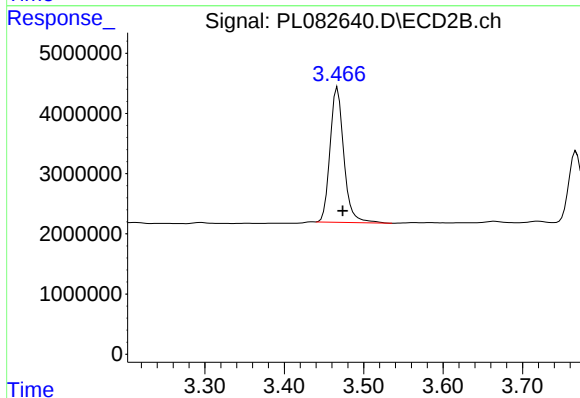
R.T.: 3.140 min
Delta R.T.: -0.007 min
Response: 27751137
Conc: 8.15 ng/ml



#3 gamma-BHC (Lindane)

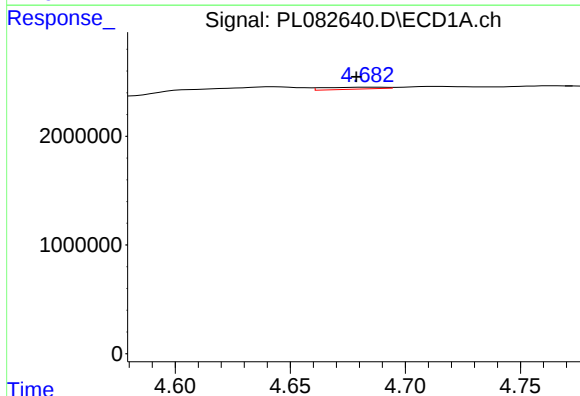
R.T.: 4.099 min
Delta R.T.: -0.001 min
Response: 35261672
Conc: 9.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



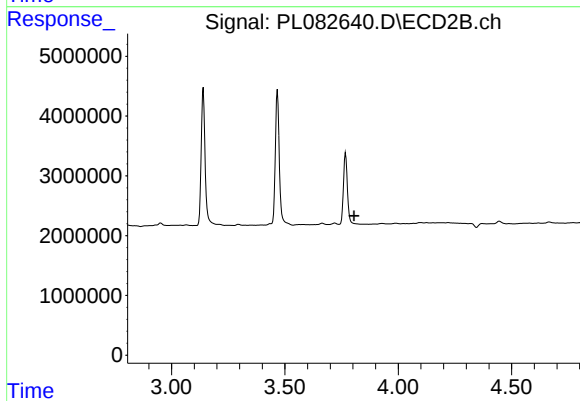
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 26958670
Conc: 8.38 ng/ml



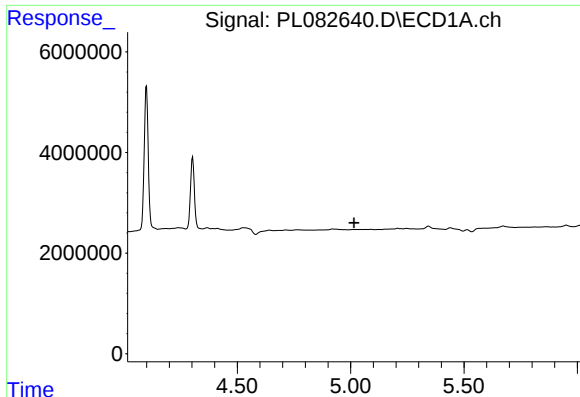
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: 0.005 min
Response: 327692
Conc: 0.09 ng/ml



#4 Heptachlor

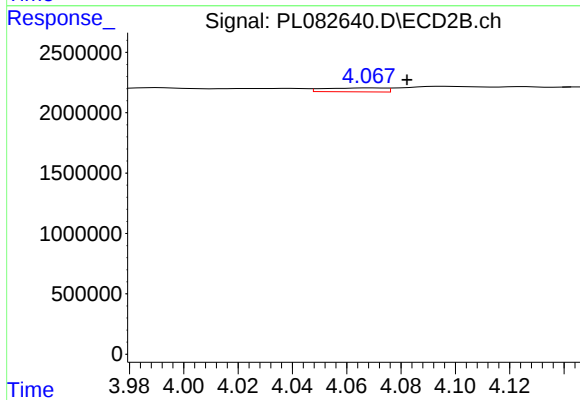
R.T.: 0.000 min
Exp R.T. : 3.806 min
Response: 0
Conc: N.D.



#5 Aldrin

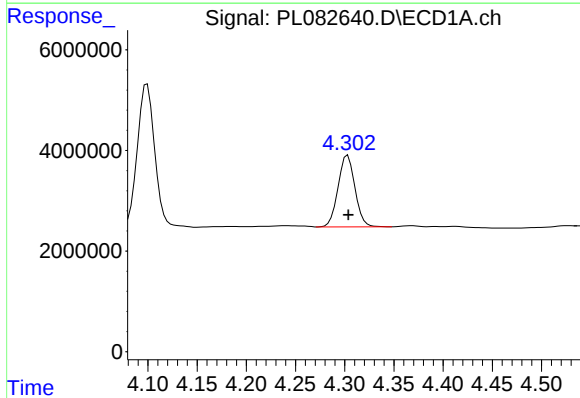
R.T.: 0.000 min
Exp R.T.: 5.016 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



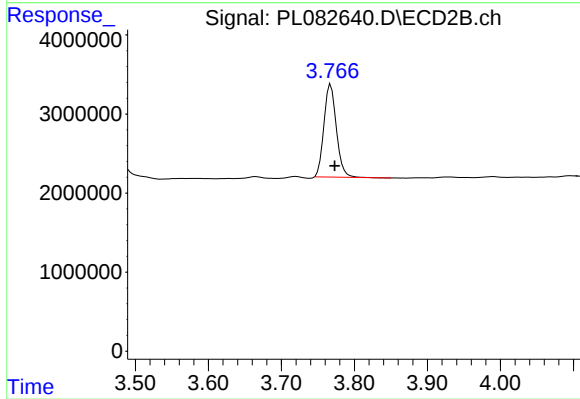
#5 Aldrin

R.T.: 4.069 min
Delta R.T.: -0.014 min
Response: 510631
Conc: 0.16 ng/ml



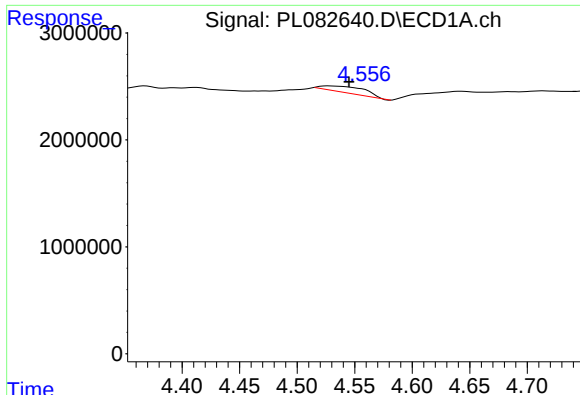
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 17006433
Conc: 9.97 ng/ml



#6 beta-BHC

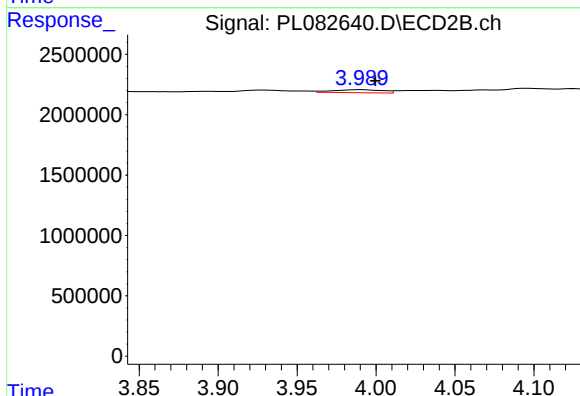
R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 13891254
Conc: 10.18 ng/ml



#7 delta-BHC

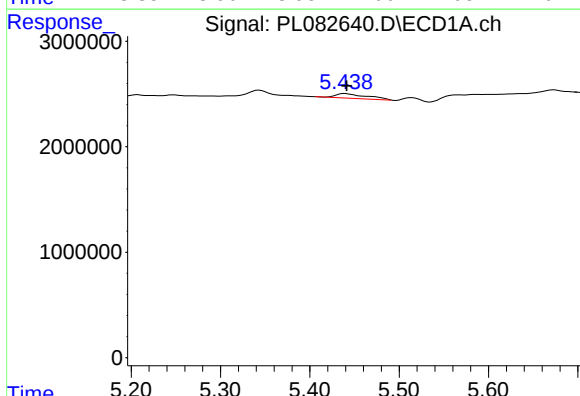
R.T.: 4.527 min
Delta R.T.: -0.018 min
Response: 1535988
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



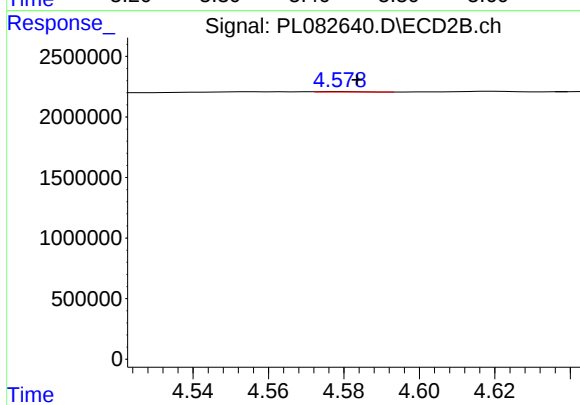
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 560005
Conc: 0.18 ng/ml



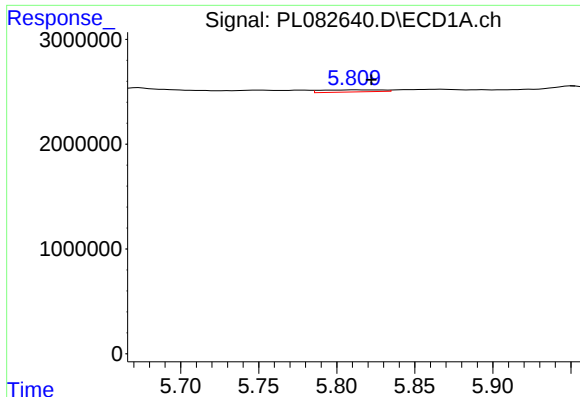
#8 Heptachlor epoxide

R.T.: 5.439 min
Delta R.T.: -0.002 min
Response: 1014702
Conc: 0.33 ng/ml



#8 Heptachlor epoxide

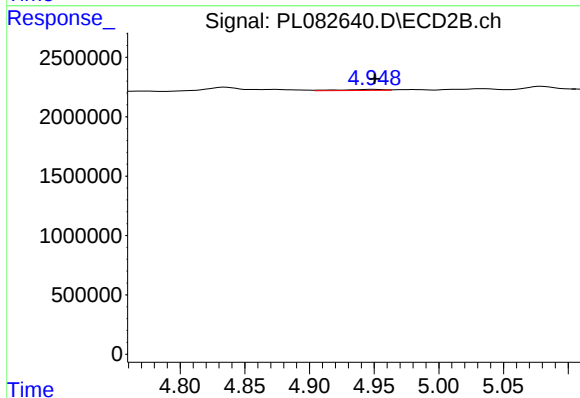
R.T.: 4.580 min
Delta R.T.: -0.004 min
Response: 27908
Conc: 0.01 ng/ml



#9 Endosulfan I

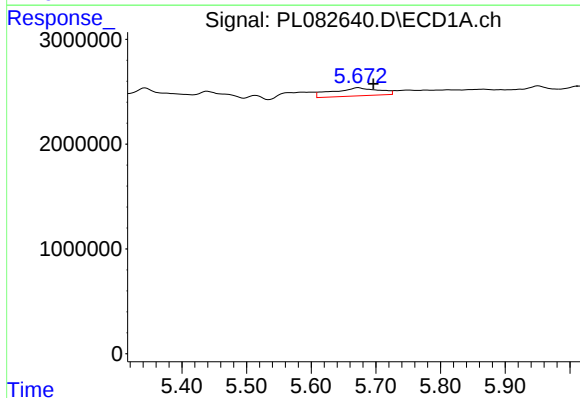
R.T.: 5.812 min
Delta R.T.: -0.010 min
Response: 554997
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



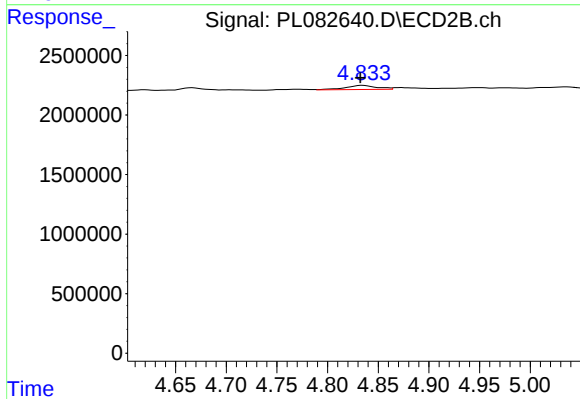
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.002 min
Response: 206430
Conc: 0.08 ng/ml



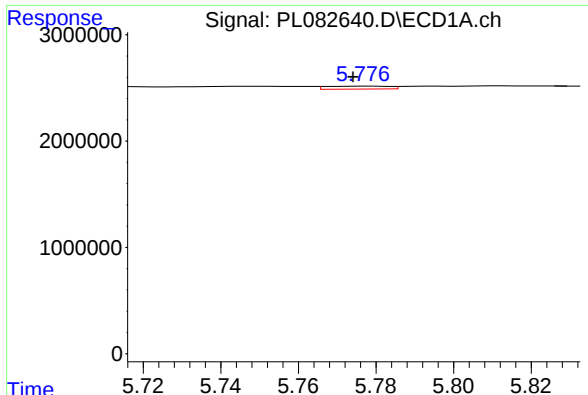
#10 gamma-Chlordane

R.T.: 5.673 min
Delta R.T.: -0.023 min
Response: 3821403
Conc: 1.27 ng/ml



#10 gamma-Chlordane

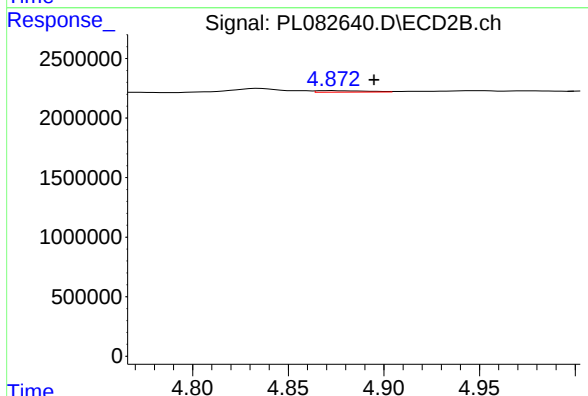
R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 742708
Conc: 0.26 ng/ml



#11 alpha-Chlordane

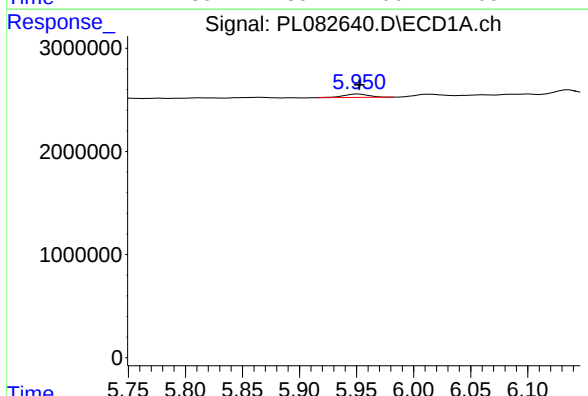
R.T.: 5.778 min
Delta R.T.: 0.004 min
Response: 308401
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



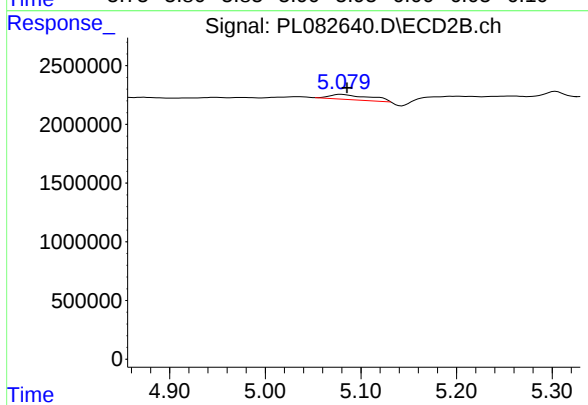
#11 alpha-Chlordane

R.T.: 4.873 min
Delta R.T.: -0.022 min
Response: 231632
Conc: 0.08 ng/ml



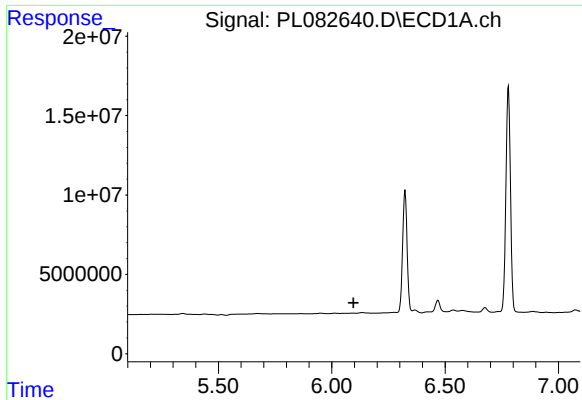
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 494232
Conc: 0.19 ng/ml



#12 4,4'-DDE

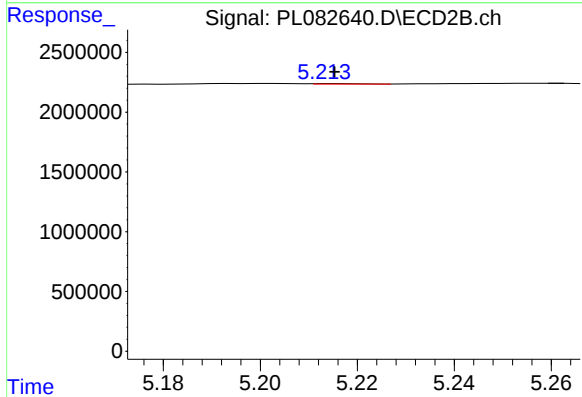
R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 1219153
Conc: 0.53 ng/ml



#13 Dieldrin

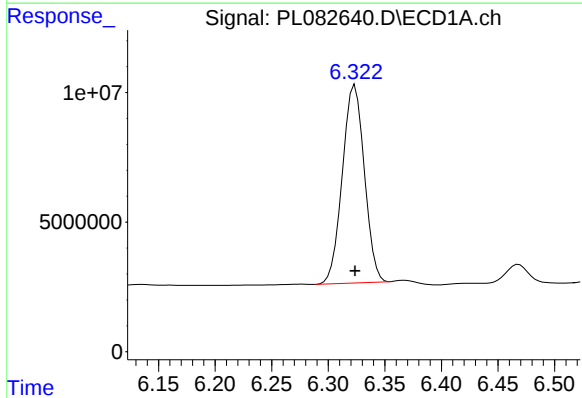
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



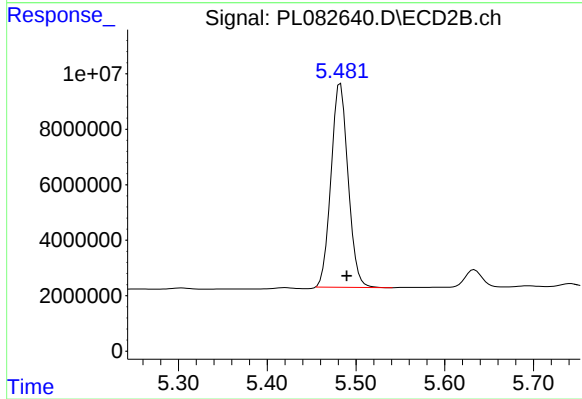
#13 Dieldrin

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 22531
Conc: 0.01 ng/ml



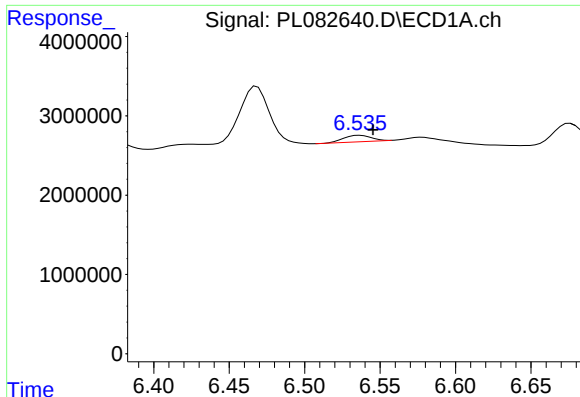
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 103324655
Conc: 42.62 ng/ml



#14 Endrin

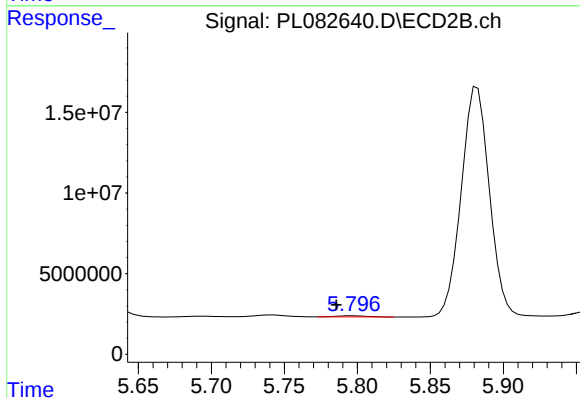
R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 98065963
Conc: 40.09 ng/ml



#15 Endosulfan II

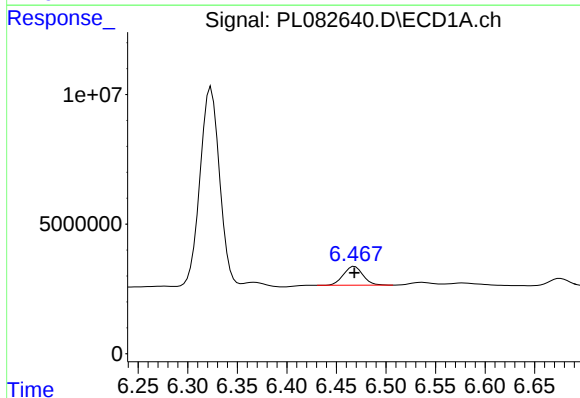
R.T.: 6.537 min
Delta R.T.: -0.009 min
Response: 1051052
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



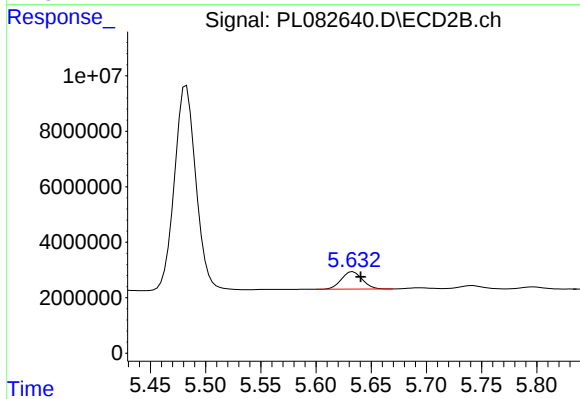
#15 Endosulfan II

R.T.: 5.797 min
Delta R.T.: 0.012 min
Response: 951336
Conc: 0.42 ng/ml



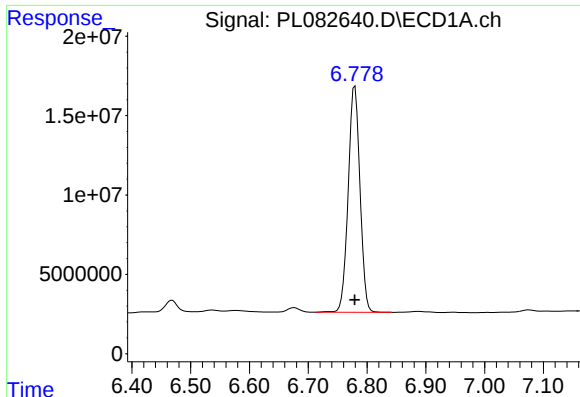
#16 4,4'-DDD

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 9911938
Conc: 4.89 ng/ml



#16 4,4'-DDD

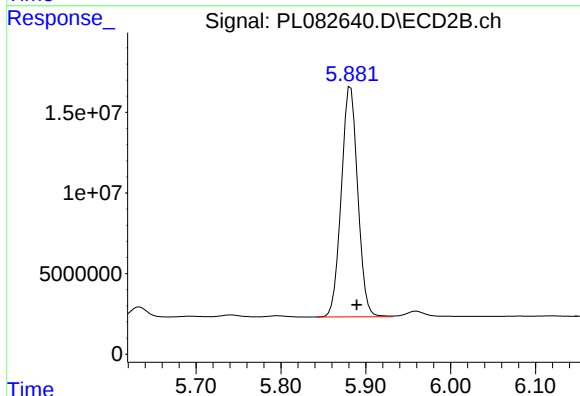
R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 8325903
Conc: 4.45 ng/ml



#17 4,4'-DDT

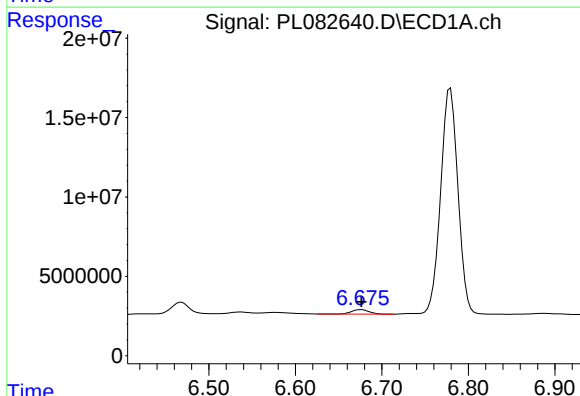
R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 198653792
Conc: 86.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



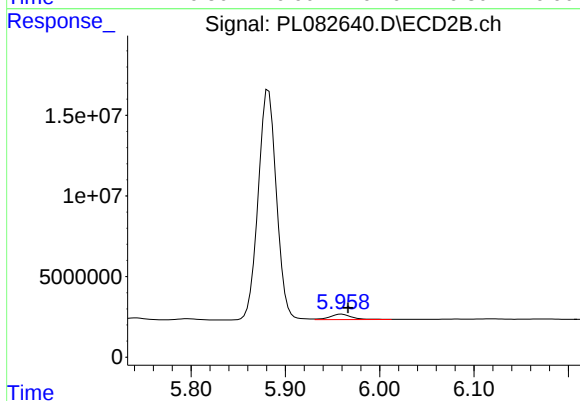
#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.007 min
Response: 192068355
Conc: 90.92 ng/ml



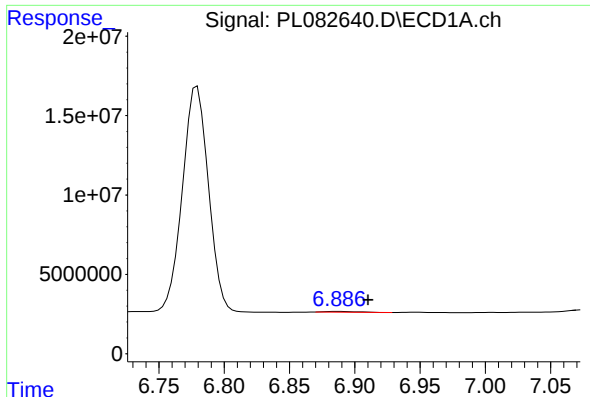
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 3902790
Conc: 2.07 ng/ml



#18 Endrin aldehyde

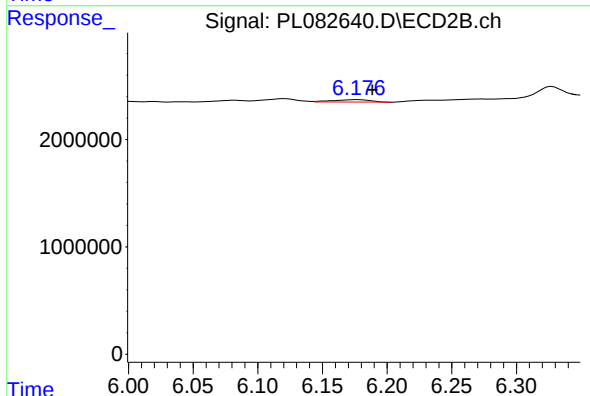
R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 5457600
Conc: 2.92 ng/ml



#19 Endosulfan Sulfate

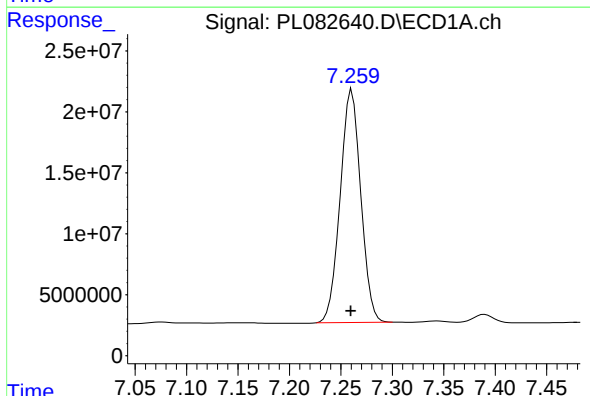
R.T.: 6.887 min
Delta R.T.: -0.023 min
Response: 851508
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



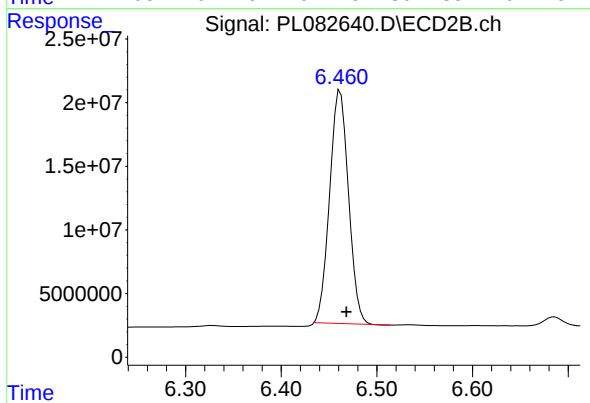
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: -0.011 min
Response: 437617
Conc: 0.19 ng/ml



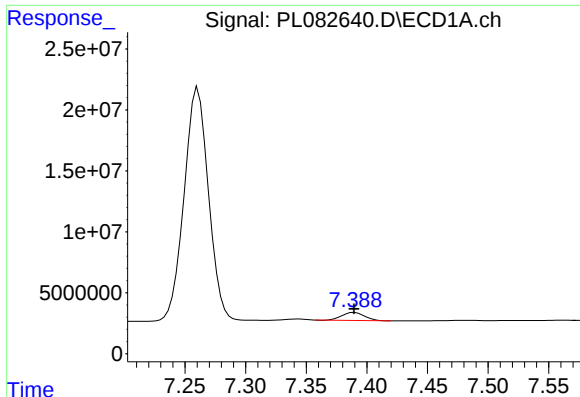
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 266380804
Conc: 218.29 ng/ml



#20 Methoxychlor

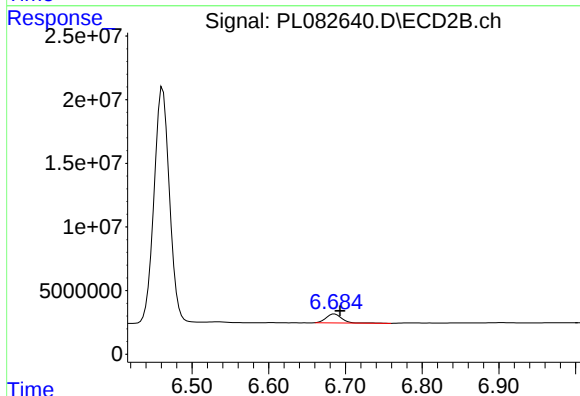
R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 250955840
Conc: 207.09 ng/ml



#21 Endrin ketone

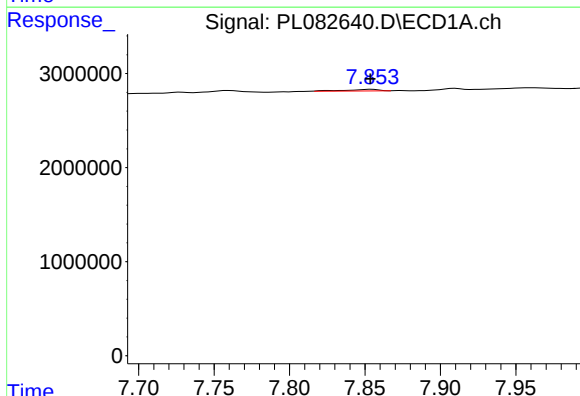
R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 8444960
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



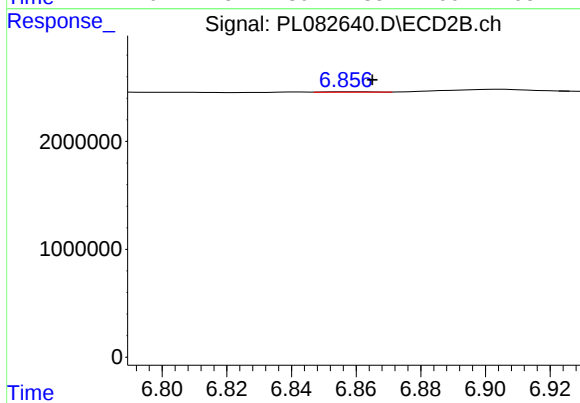
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 9844653
Conc: 3.88 ng/ml



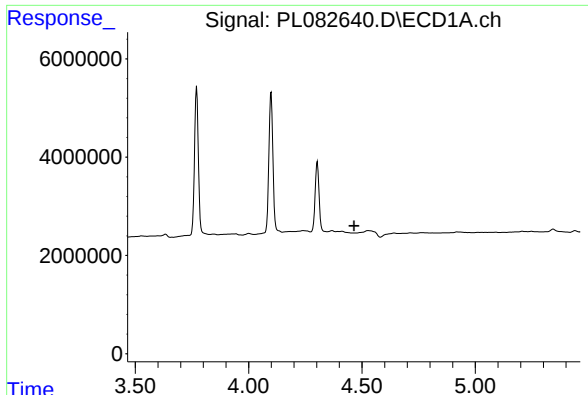
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 255847
Conc: 0.13 ng/ml



#22 Mirex

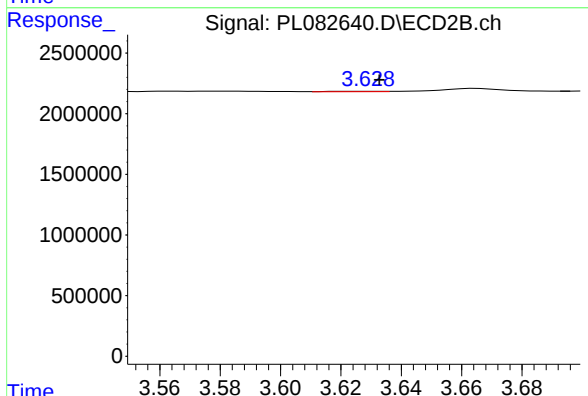
R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 35912
Conc: 0.02 ng/ml



#23 Chlordane-1

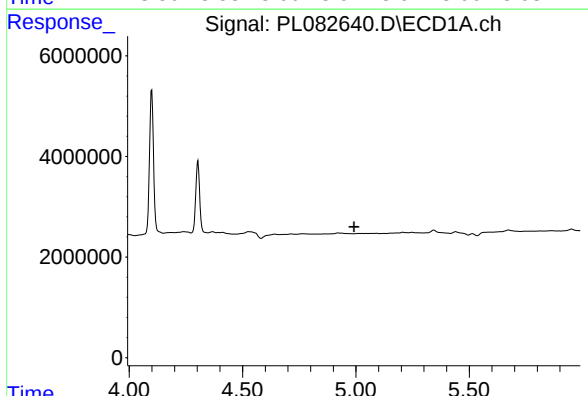
R.T.: 0.000 min
Exp R.T. : 4.466 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



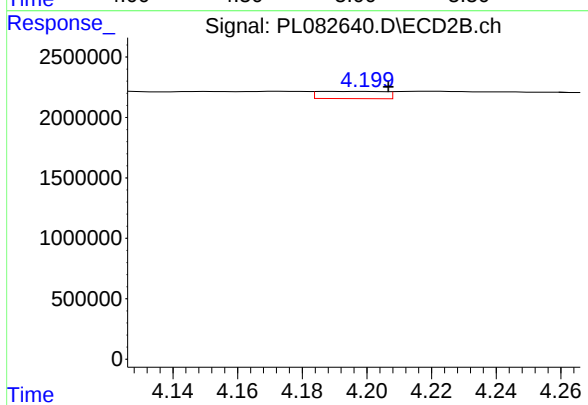
#23 Chlordane-1

R.T.: 3.629 min
Delta R.T.: -0.004 min
Response: 41117
Conc: 0.46 ng/ml



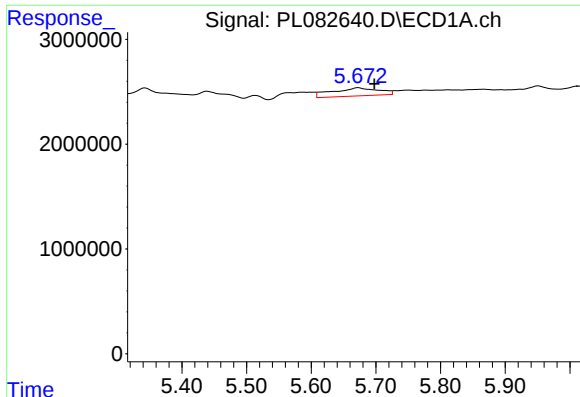
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.992 min
Response: 0
Conc: N.D.



#24 Chlordane-2

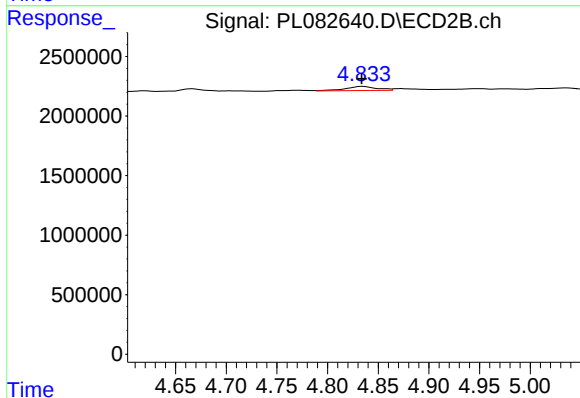
R.T.: 4.200 min
Delta R.T.: -0.007 min
Response: 849739
Conc: 7.58 ng/ml



#25 Chlordane-3

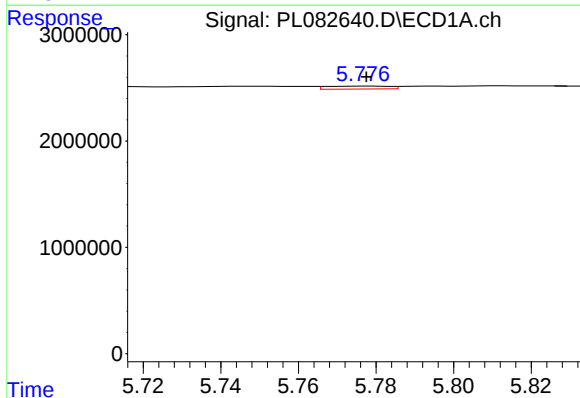
R.T.: 5.673 min
Delta R.T.: -0.024 min
Response: 3821403
Conc: 8.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



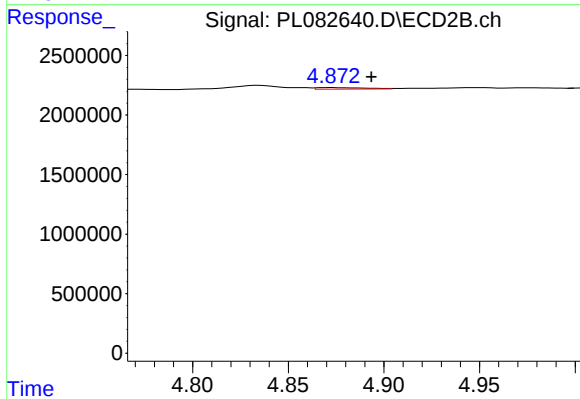
#25 Chlordane-3

R.T.: 4.835 min
Delta R.T.: 0.001 min
Response: 742708
Conc: 2.61 ng/ml



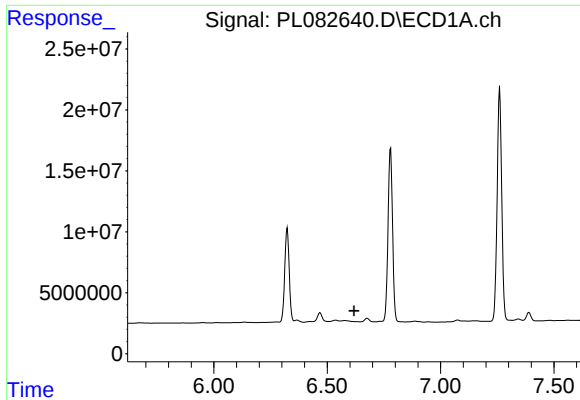
#26 Chlordane-4

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 308401
Conc: 0.59 ng/ml



#26 Chlordane-4

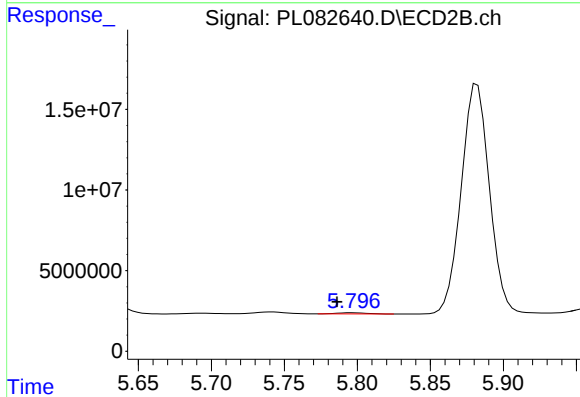
R.T.: 4.873 min
Delta R.T.: -0.020 min
Response: 231632
Conc: 0.78 ng/ml



#27 Chlordane-5

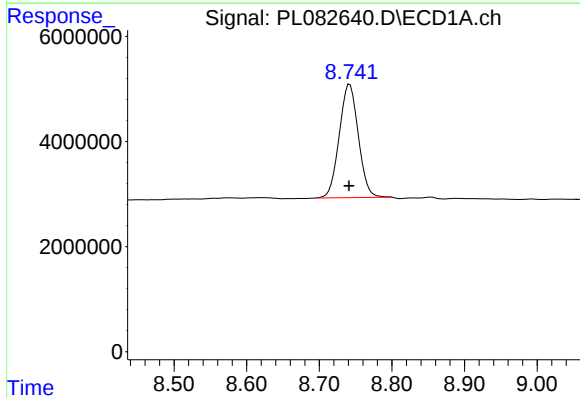
R.T.: 0.000 min
Exp R.T.: 6.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



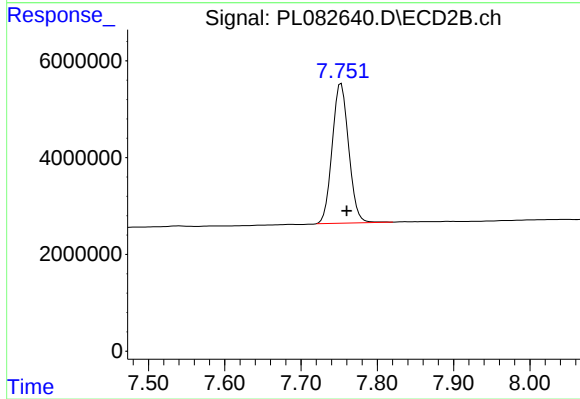
#27 Chlordane-5

R.T.: 5.797 min
Delta R.T.: 0.011 min
Response: 951336
Conc: 9.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.000 min
Response: 39405291
Conc: 20.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 43170086
Conc: 18.91 ng/ml