Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011223\
Data File : PL080242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jan 2023 20:40
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: Jan 12 01:53:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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...	3.352	2.690	38461756	43509405	19.253	19.454	
28)	SA Decachlor...	8.787	7.841	28587306	44973271	19.376	20.007	
	Target Compounds							
2)	A alpha-BHC	3.799	3.192	25162752	28504537	8.712	8.898	
3)	MA gamma-BHC...	4.128	3.520	24208545	27406055	9.056	9.078	
4)	MA Heptachlor	4.735f	0.000	71651	0	0.028	N.D.	#
5)	MB Aldrin	0.000	4.149	0	264682	N.D.	0.089	#
6)	B beta-BHC	4.324	3.816	11696658	14255089	9.896	10.591	
7)	B delta-BHC	4.569	4.047	732168	116050	0.280	0.040	#
8)	B Heptachlo...	5.475	4.639	248386	48488	0.112	0.017	#
9)	A Endosulfan I	0.000	5.026	0	96491	N.D.	0.037	#
10)	B gamma-Chl...	0.000	4.903	0	139213	N.D.	0.049	#
11)	B alpha-Chl...	5.797	4.966	26971	58000	0.012	0.020	#
12)	B 4,4'-DDE	5.984	5.154	293739	241150	0.151	0.103	#
13)	MA Dieldrin	0.000	5.293	0	368656	N.D.	0.135	#
14)	MA Endrin	6.357	5.554	82623949	110.9E6	45.046	46.591	
15)	B Endosulfa...	6.559f	0.000	16359418	0	8.481	N.D.	#
16)	A 4,4'-DDD	6.506	5.708	717364	601342	0.453	0.324	#
17)	MA 4,4'-DDT	6.813	5.958	170.3E6	223.8E6	96.583	106.222	
18)	B Endrin al...	6.706	6.031	1840453	4688007	1.276	2.575	#
20)	A Methoxychlor	7.290	6.536	224.3E6	293.7E6	251.808	244.369	
21)	B Endrin ke...	7.419	6.754	3358842	5836798	1.803	2.318	#
23)	Chlordane-1	0.000	3.691	0	22914	N.D.	0.281	#
24)	Chlordane-2	5.009f	4.239f	167200	22557	1.900	0.215	#
25)	Chlordane-3	0.000	4.903	0	139213	N.D.	0.488	#
26)	Chlordane-4	5.797f	4.966	26971	58000	0.068	0.203	#

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

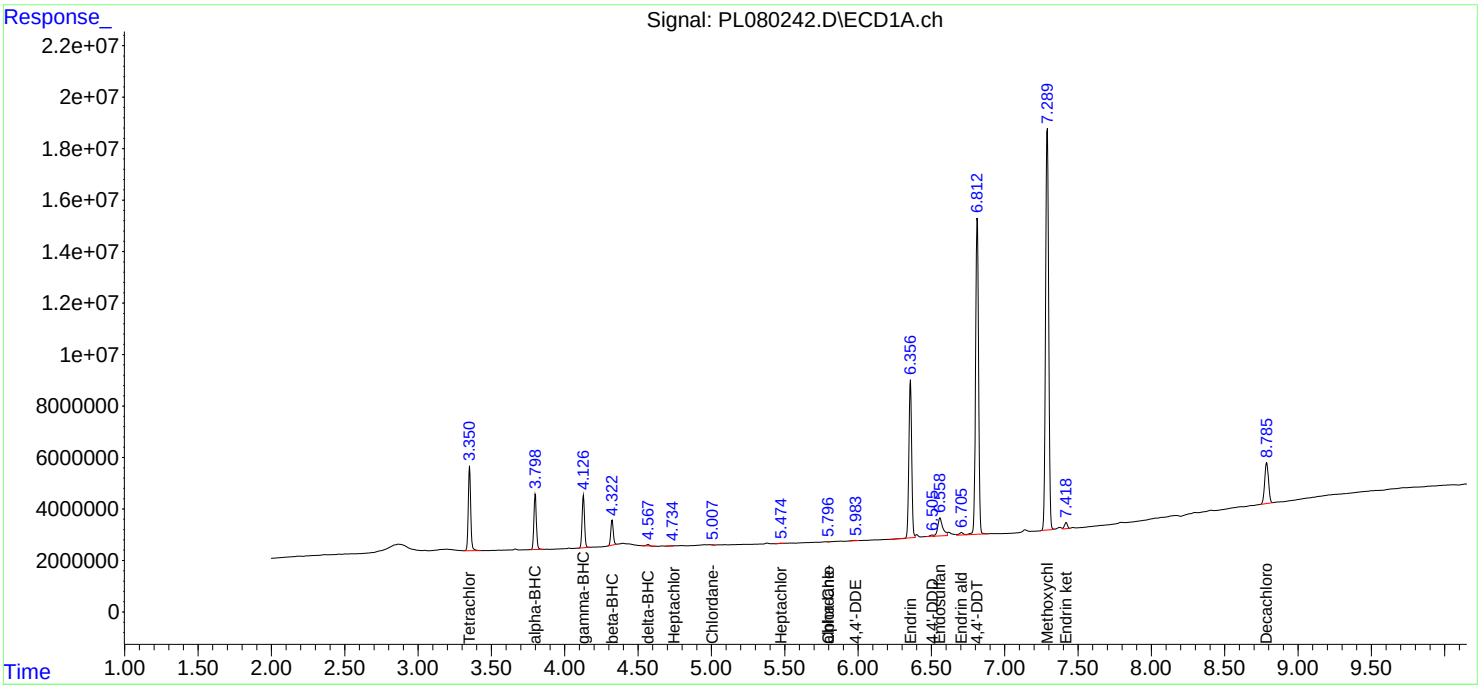
Quantitation Report (Not Reviewed)

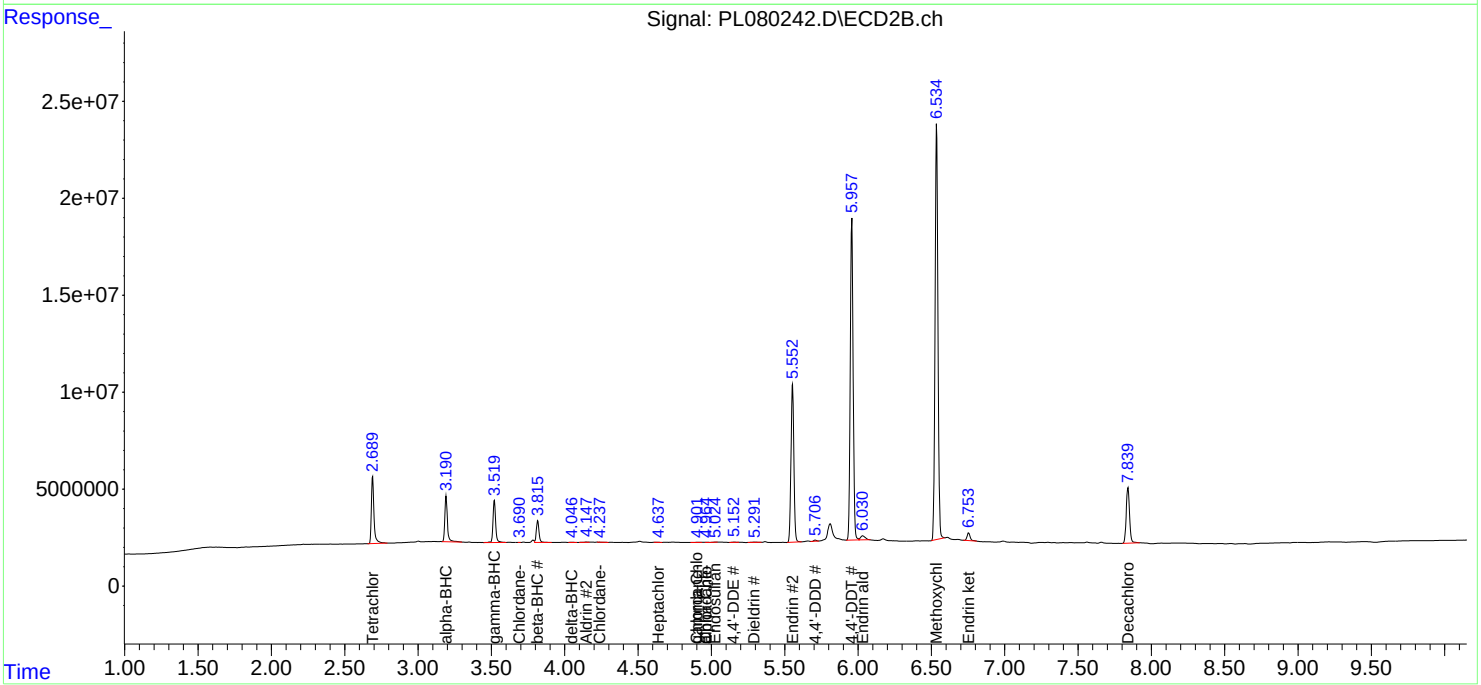
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011223\
Data File : PL080242.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jan 2023 20:40
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

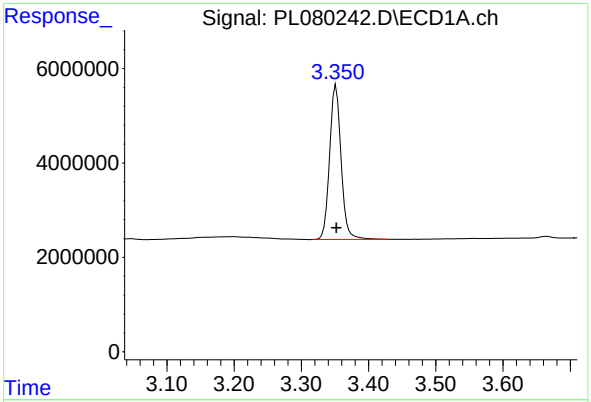
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 12 01:53:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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



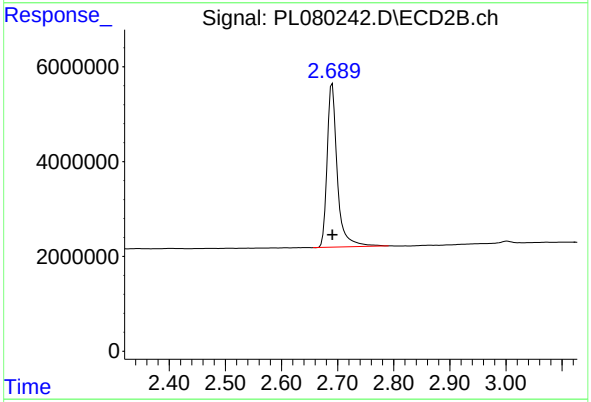




#1 Tetrachloro-m-xylene

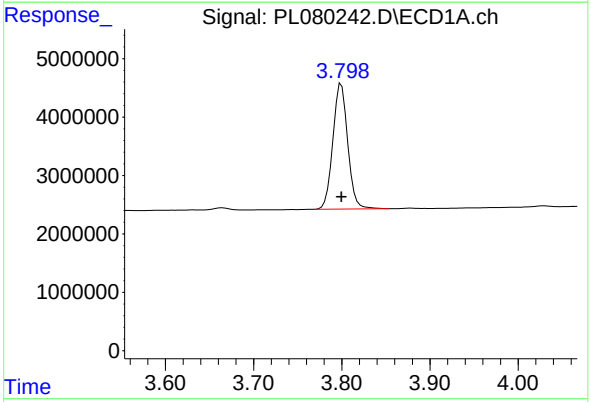
R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 38461756
Conc: 19.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



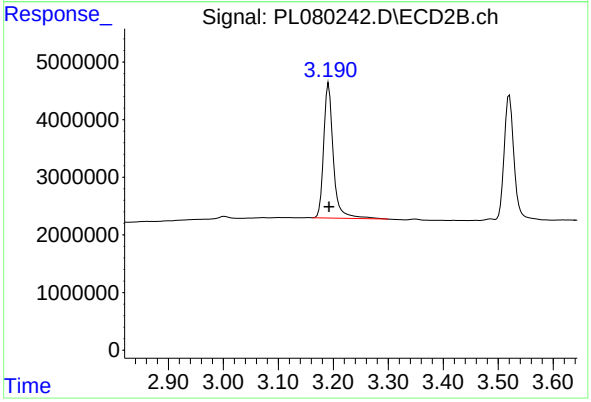
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 43509405
Conc: 19.45 ng/ml



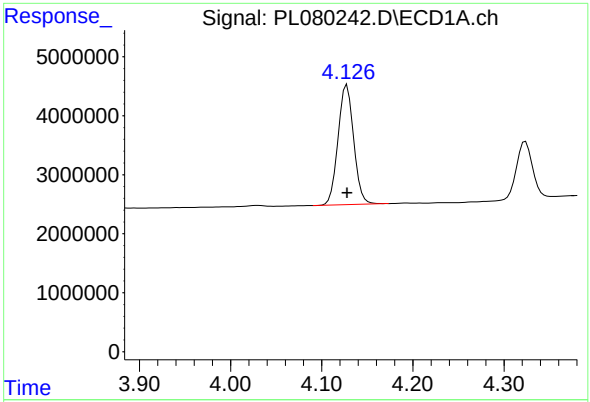
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 25162752
Conc: 8.71 ng/ml



#2 alpha-BHC

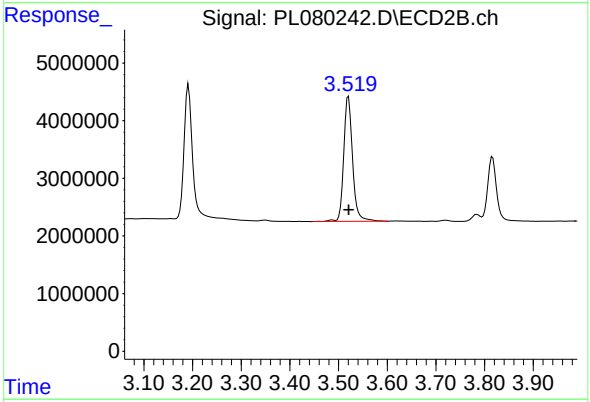
R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 28504537
Conc: 8.90 ng/ml



#3 gamma-BHC (Lindane)

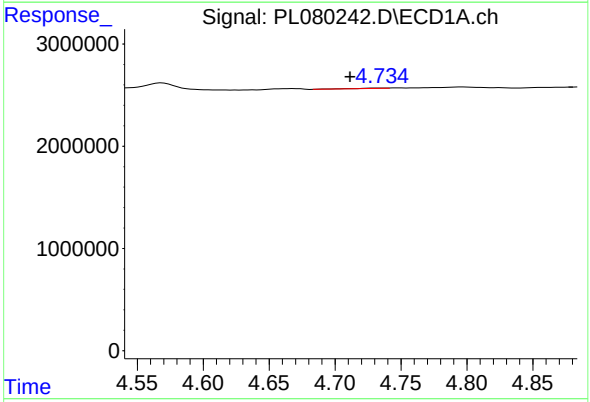
R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 24208545
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



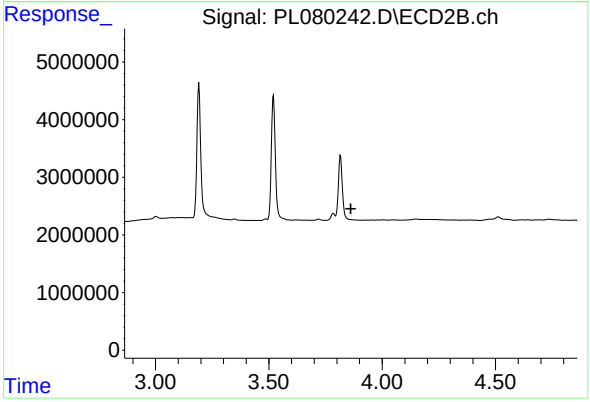
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 27406055
Conc: 9.08 ng/ml



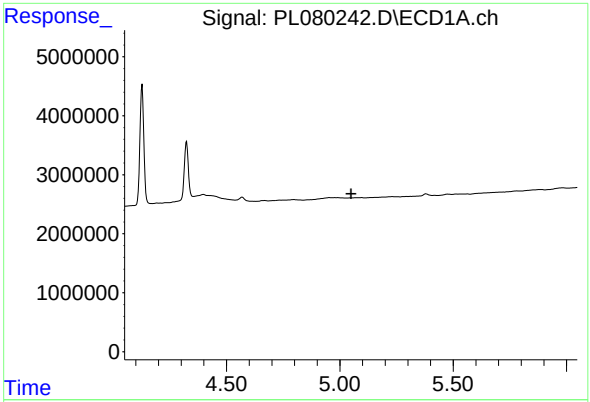
#4 Heptachlor

R.T.: 4.735 min
Delta R.T.: 0.024 min
Response: 71651
Conc: 0.03 ng/ml



#4 Heptachlor

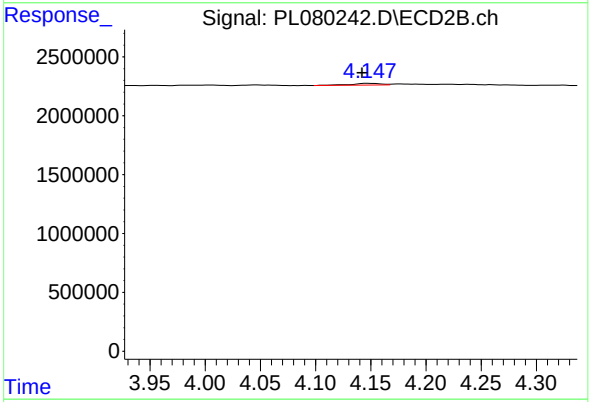
R.T.: 0.000 min
Exp R.T. : 3.862 min
Response: 0
Conc: N.D.



#5 Aldrin

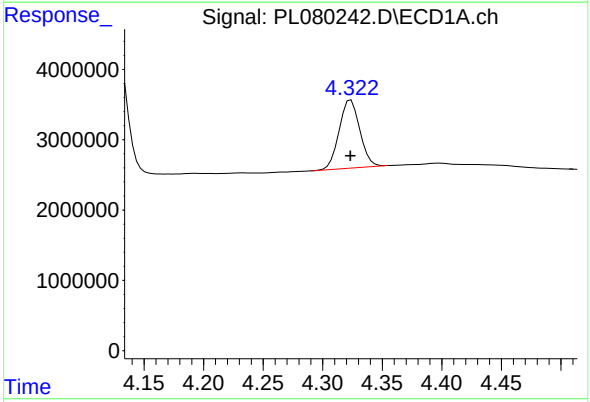
R.T.: 0.000 min
Exp R.T. : 5.050 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



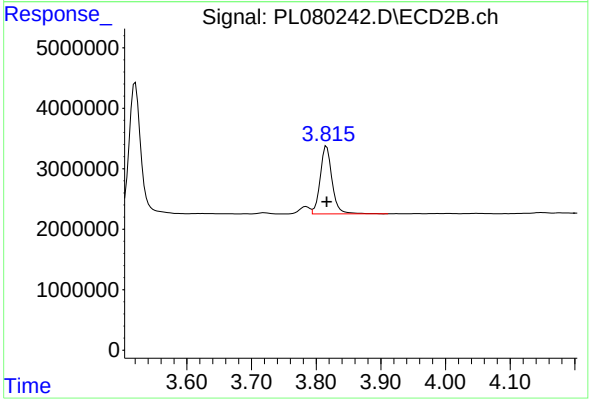
#5 Aldrin

R.T.: 4.149 min
Delta R.T.: 0.007 min
Response: 264682
Conc: 0.09 ng/ml



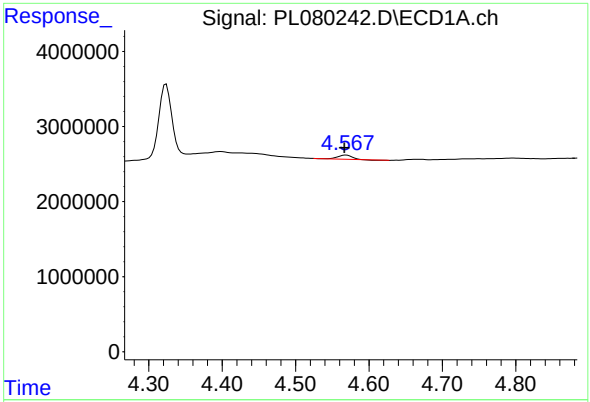
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 11696658
Conc: 9.90 ng/ml



#6 beta-BHC

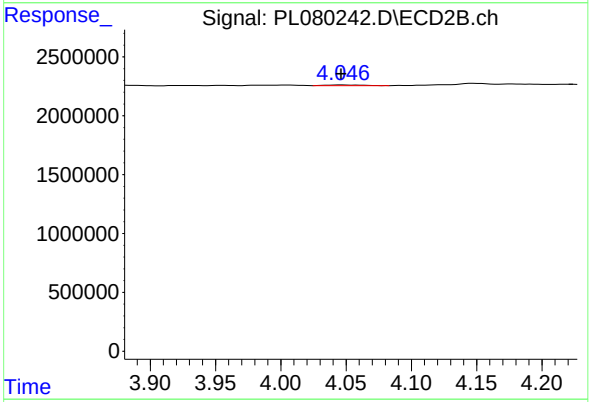
R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 14255089
Conc: 10.59 ng/ml



#7 delta-BHC

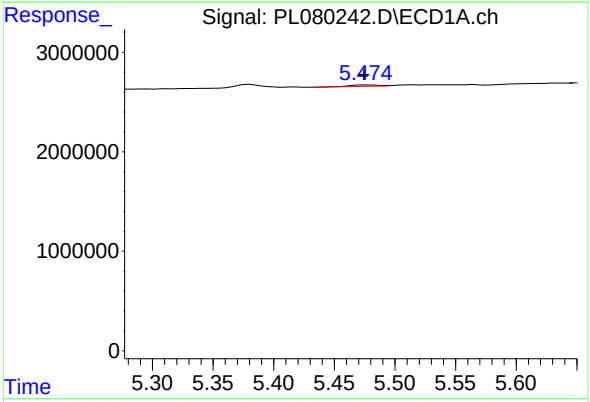
R.T.: 4.569 min
Delta R.T.: 0.002 min
Response: 732168
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



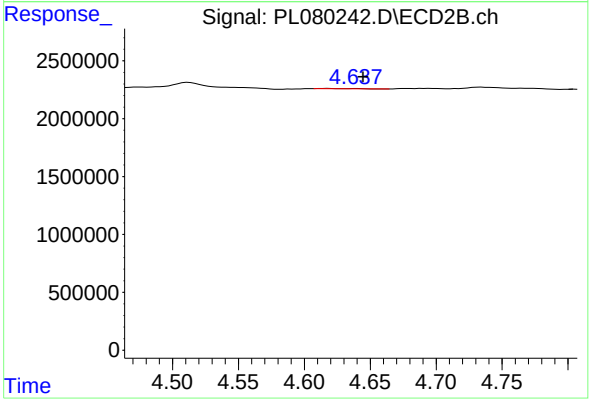
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: 0.001 min
Response: 116050
Conc: 0.04 ng/ml



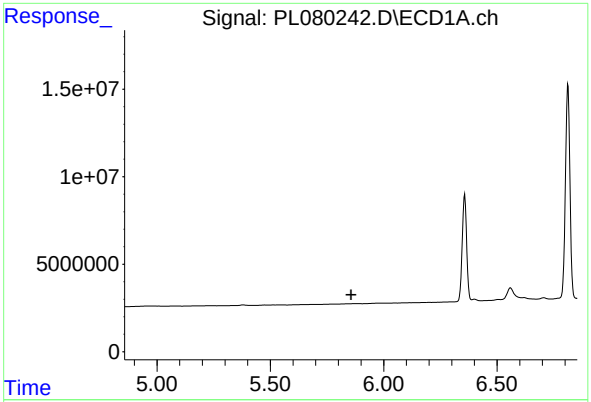
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 248386
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

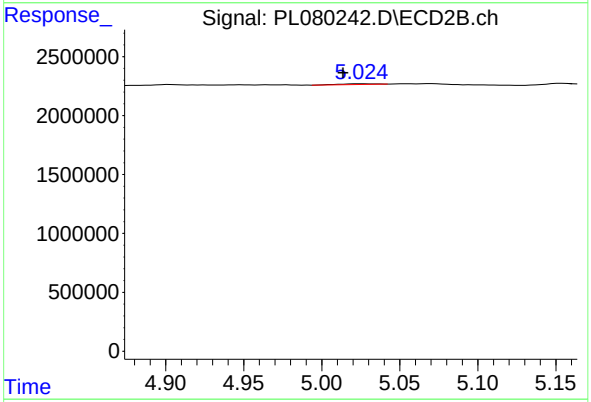
R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 48488
Conc: 0.02 ng/ml



#9 Endosulfan I

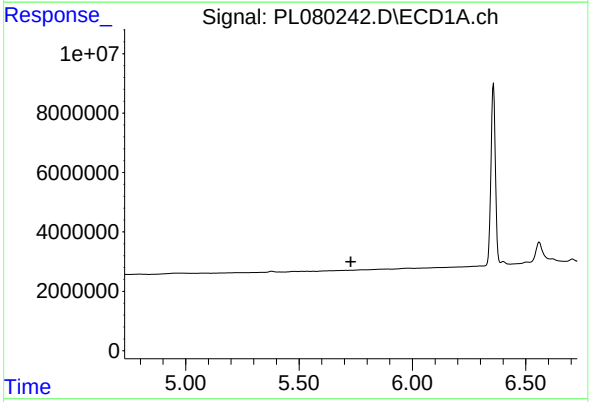
R.T.: 0.000 min
Exp R.T. : 5.856 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



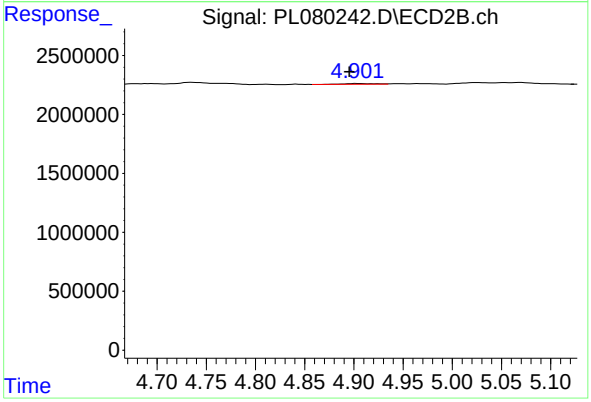
#9 Endosulfan I

R.T.: 5.026 min
Delta R.T.: 0.012 min
Response: 96491
Conc: 0.04 ng/ml



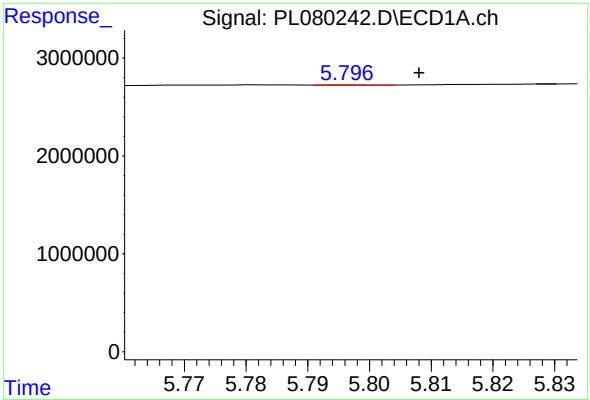
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.729 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

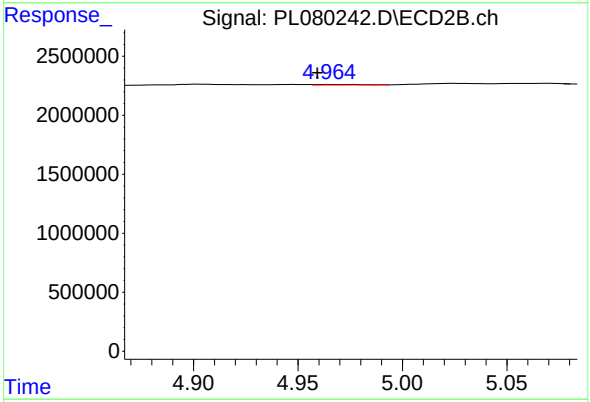
R.T.: 4.903 min
Delta R.T.: 0.008 min
Response: 139213
Conc: 0.05 ng/ml



#11 alpha-Chlordane

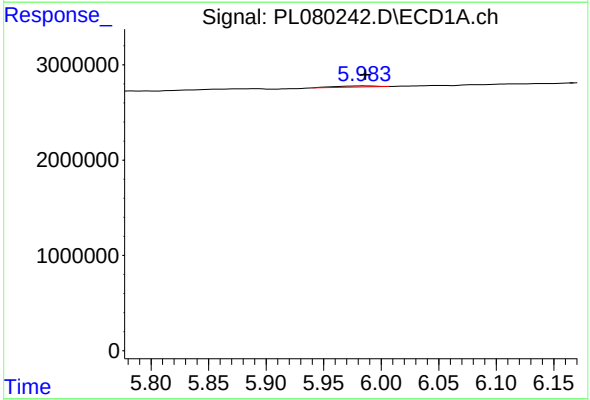
R.T.: 5.797 min
Delta R.T.: -0.011 min
Response: 26971
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



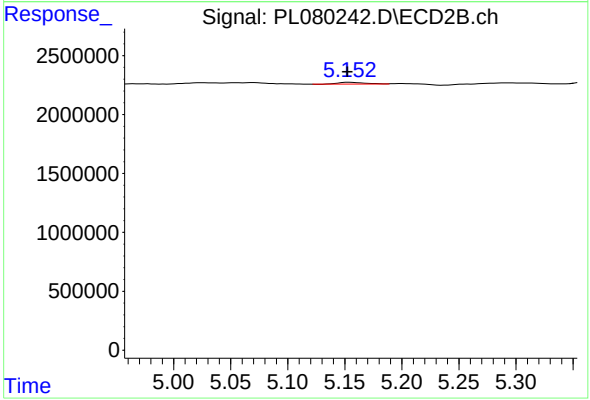
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.006 min
Response: 58000
Conc: 0.02 ng/ml



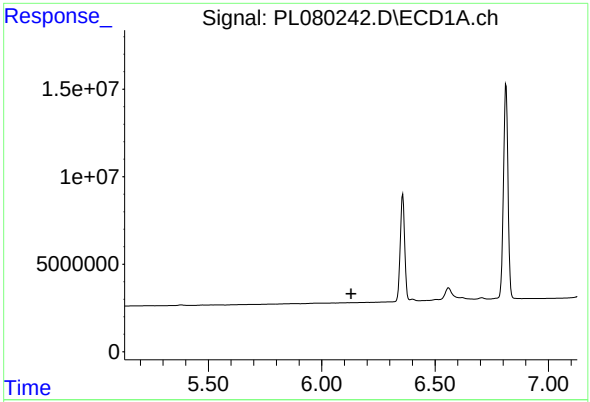
#12 4,4'-DDE

R.T.: 5.984 min
Delta R.T.: -0.002 min
Response: 293739
Conc: 0.15 ng/ml



#12 4,4'-DDE

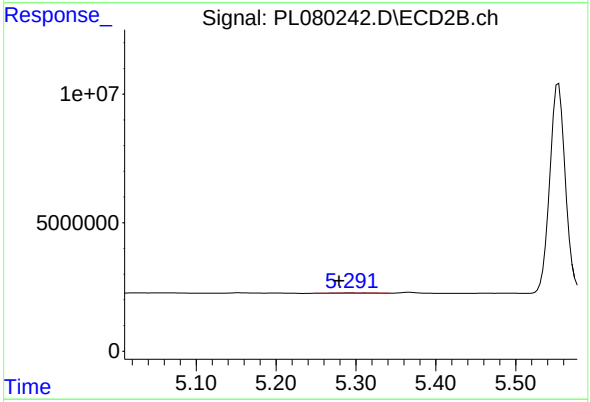
R.T.: 5.154 min
Delta R.T.: 0.002 min
Response: 241150
Conc: 0.10 ng/ml



#13 Dieldrin

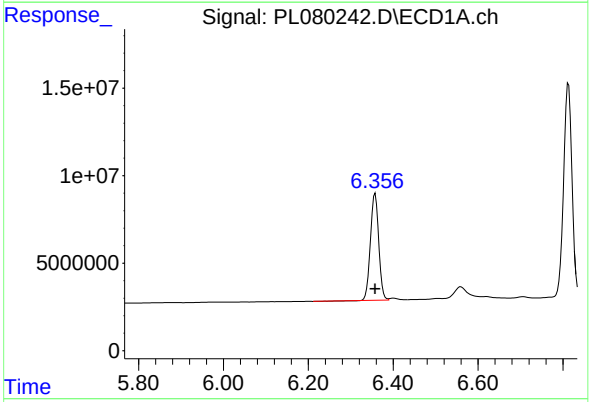
R.T.: 0.000 min
Exp R.T. : 6.130 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



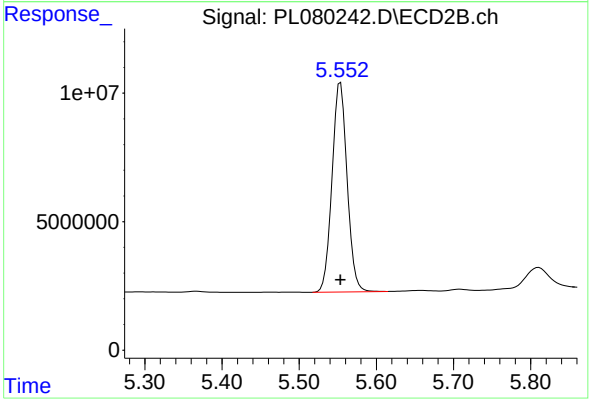
#13 Dieldrin

R.T.: 5.293 min
Delta R.T.: 0.015 min
Response: 368656
Conc: 0.14 ng/ml



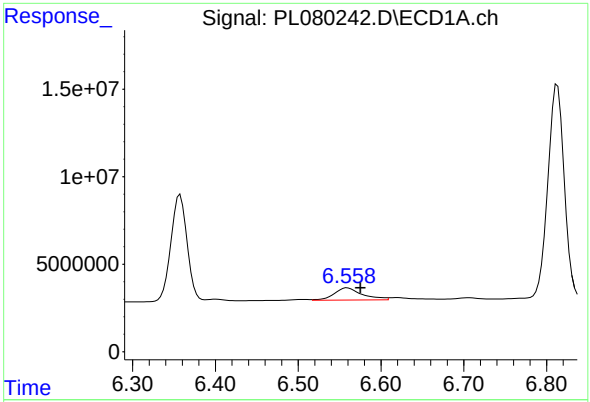
#14 Endrin

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 82623949
Conc: 45.05 ng/ml



#14 Endrin

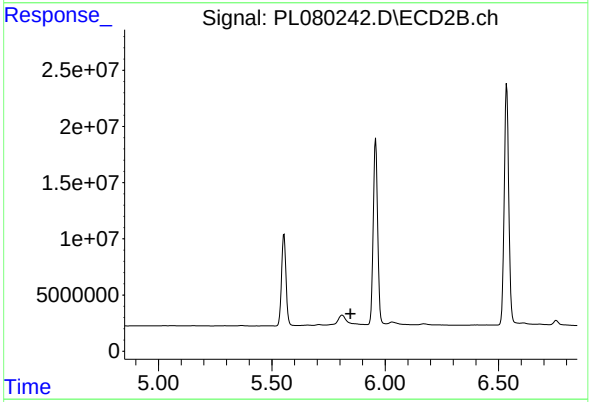
R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 110852061
Conc: 46.59 ng/ml



#15 Endosulfan II

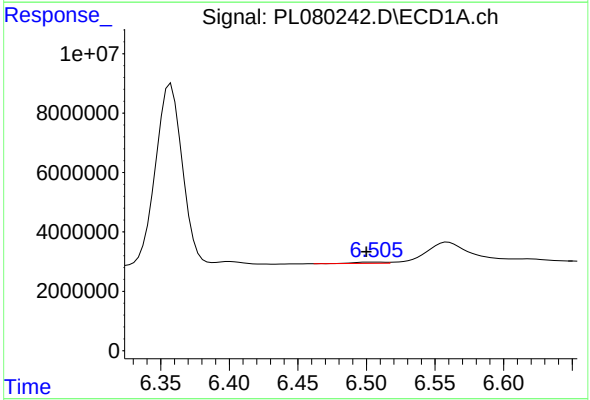
R.T.: 6.559 min
Delta R.T.: -0.016 min
Response: 16359418
Conc: 8.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



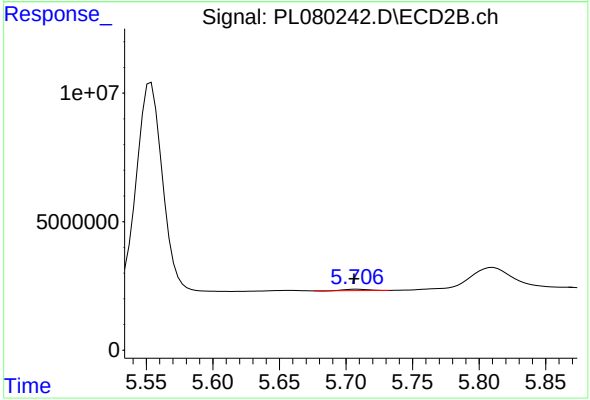
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.847 min
Response: 0
Conc: N.D.



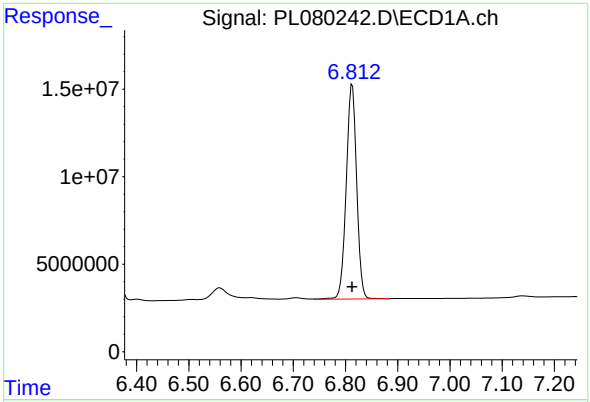
#16 4,4'-DDD

R.T.: 6.506 min
Delta R.T.: 0.006 min
Response: 717364
Conc: 0.45 ng/ml



#16 4,4'-DDD

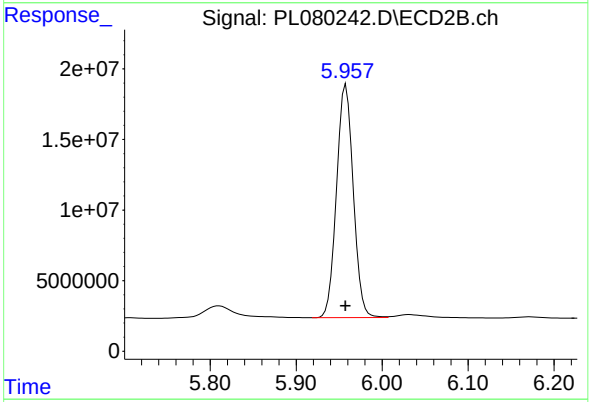
R.T.: 5.708 min
Delta R.T.: 0.002 min
Response: 601342
Conc: 0.32 ng/ml



#17 4,4'-DDT

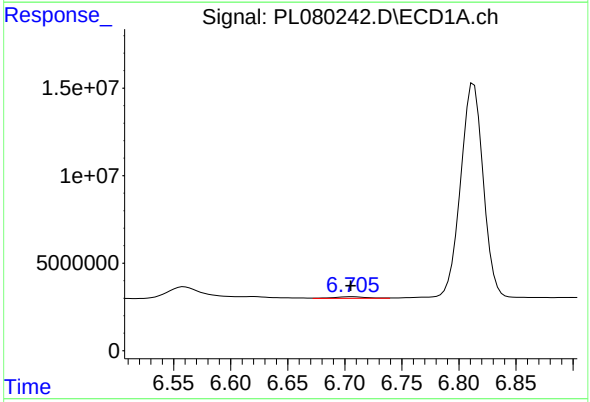
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 170331398
Conc: 96.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



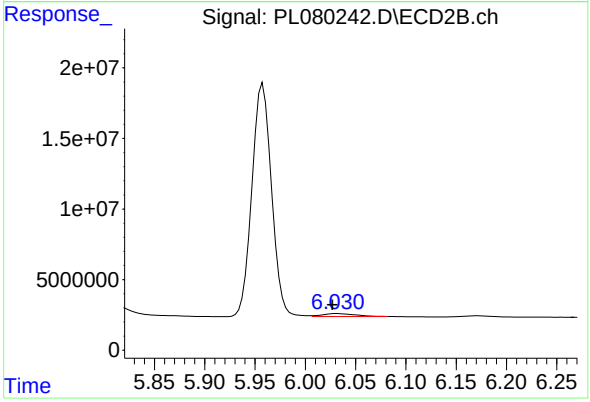
#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 223836138
Conc: 106.22 ng/ml



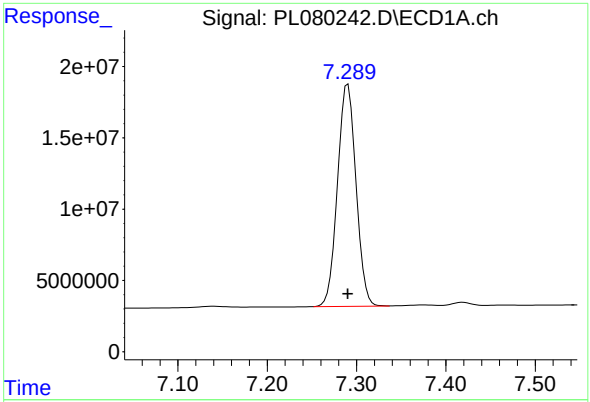
#18 Endrin aldehyde

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1840453
Conc: 1.28 ng/ml



#18 Endrin aldehyde

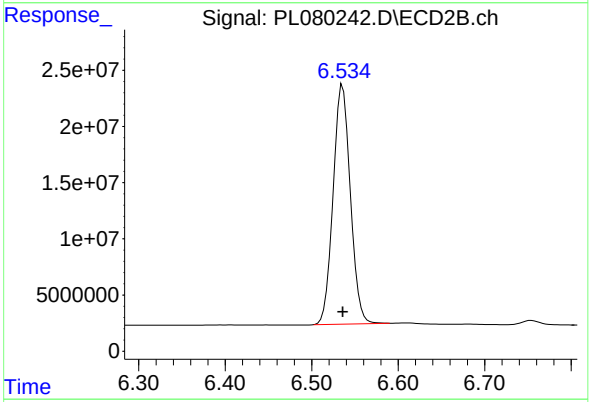
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 4688007
Conc: 2.57 ng/ml



#20 Methoxychlor

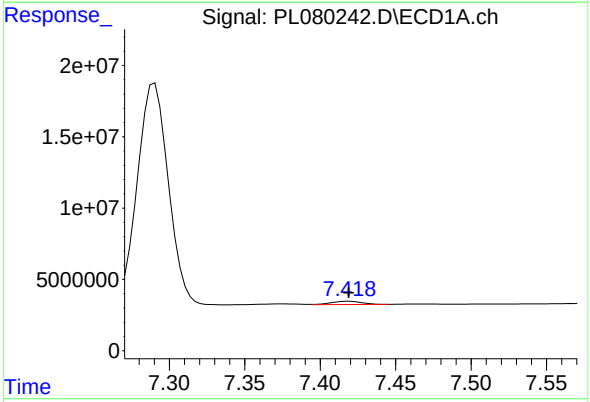
R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 224349628
Conc: 251.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



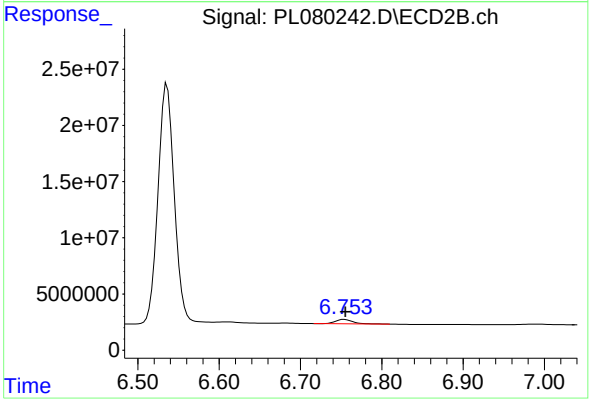
#20 Methoxychlor

R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 293731719
Conc: 244.37 ng/ml



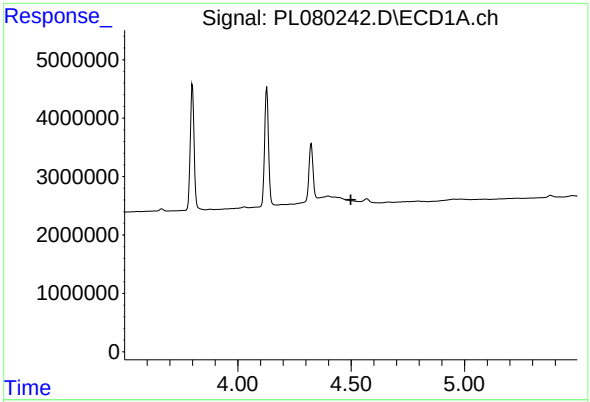
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 3358842
Conc: 1.80 ng/ml



#21 Endrin ketone

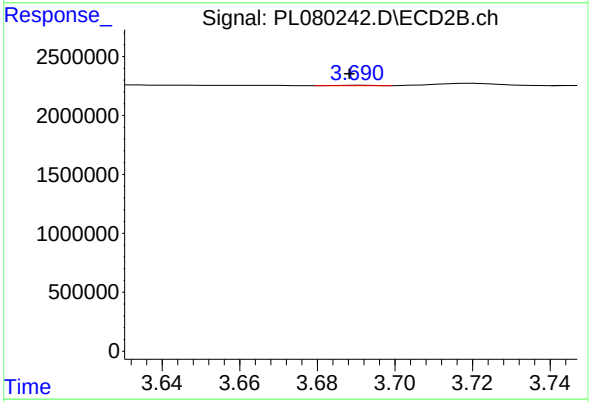
R.T.: 6.754 min
Delta R.T.: -0.001 min
Response: 5836798
Conc: 2.32 ng/ml



#23 Chlordane-1

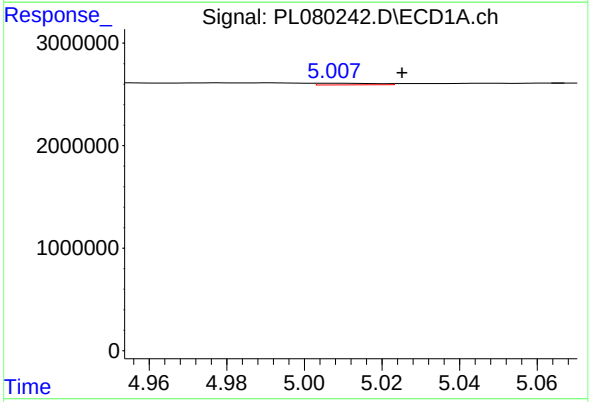
R.T.: 0.000 min
Exp R.T. : 4.499 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



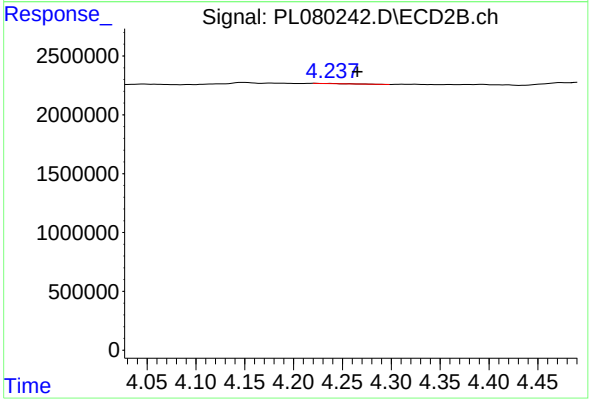
#23 Chlordane-1

R.T.: 3.691 min
Delta R.T.: 0.003 min
Response: 22914
Conc: 0.28 ng/ml



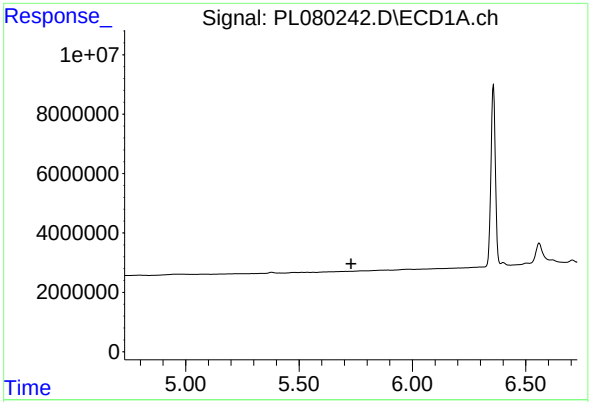
#24 Chlordane-2

R.T.: 5.009 min
Delta R.T.: -0.017 min
Response: 167200
Conc: 1.90 ng/ml



#24 Chlordane-2

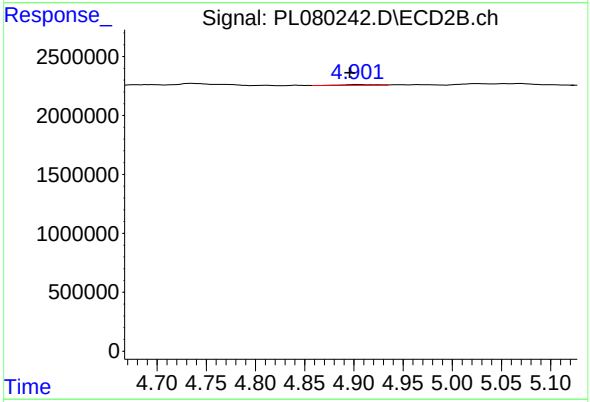
R.T.: 4.239 min
Delta R.T.: -0.026 min
Response: 22557
Conc: 0.22 ng/ml



#25 Chlordane-3

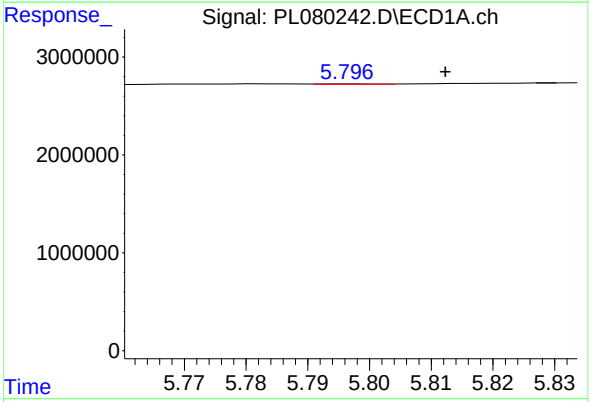
R.T.: 0.000 min
Exp R.T. : 5.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



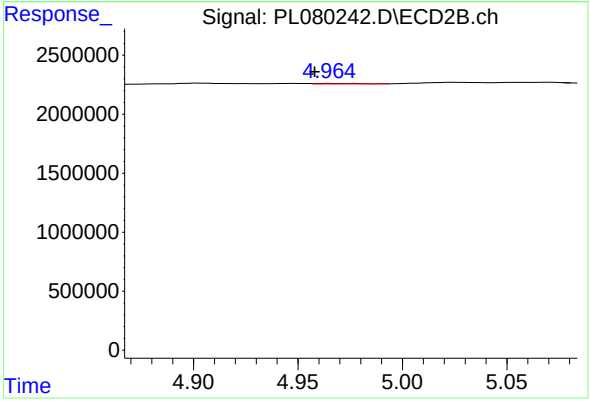
#25 Chlordane-3

R.T.: 4.903 min
Delta R.T.: 0.007 min
Response: 139213
Conc: 0.49 ng/ml



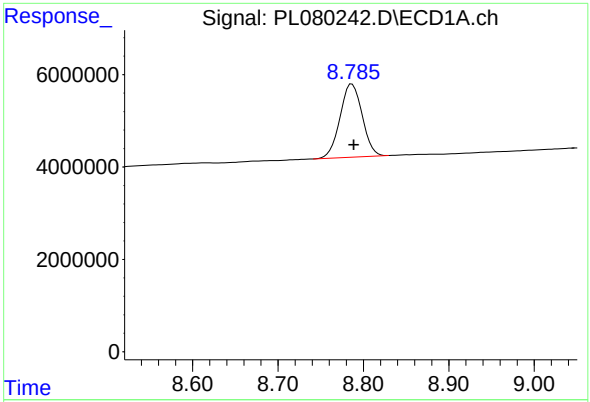
#26 Chlordane-4

R.T.: 5.797 min
Delta R.T.: -0.015 min
Response: 26971
Conc: 0.07 ng/ml



#26 Chlordane-4

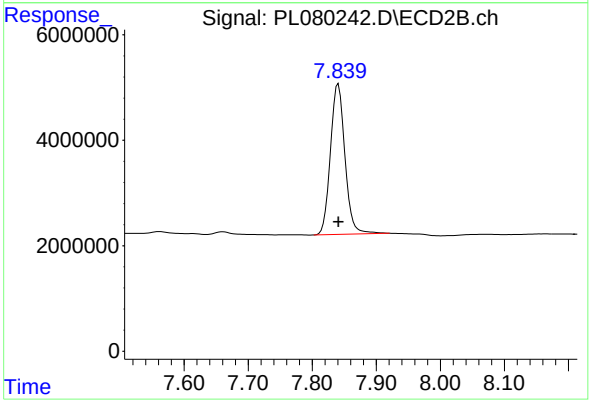
R.T.: 4.966 min
Delta R.T.: 0.008 min
Response: 58000
Conc: 0.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.002 min
Response: 28587306
Conc: 19.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 44973271
Conc: 20.01 ng/ml