

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083409.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 18:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:36:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.313	2.632	48453448	45025711	16.486	17.344
28)	SA Decachlor...	8.728	7.733	38279843	44015640	18.252	17.702
Target Compounds							
2)	A alpha-BHC	3.762	3.127	34371956	28461749	7.743	7.628
3)	MA gamma-BHC...	4.090	3.453	33095977	27139243	7.989	8.142
4)	MA Heptachlor	4.699f	0.000	775917	0	0.203	N.D. #
5)	MB Aldrin	5.038f	4.079	556527	218475	0.158	0.067 #
6)	B beta-BHC	4.294	3.754	18647092	13693521	9.904	9.575
8)	B Heptachlo...	5.430	0.000	1115284	0	0.349	N.D. #
9)	A Endosulfan I	5.810	4.947	738536	39794	0.246	0.014 #
10)	B gamma-Chl...	5.689	4.817	1121436	498278	0.353	0.166 #
11)	B alpha-Chl...	0.000	4.867	0	102857	N.D.	0.034 #
12)	B 4,4'-DDE	5.939	5.062	410978	1402459	0.149	0.577 #
13)	MA Dieldrin	0.000	5.174f	0	83501	N.D.	0.030 #
14)	MA Endrin	6.313	5.465	100.5E6	90415434	37.413	35.639
16)	A 4,4'-DDD	6.457	5.616	3963784	3560239	1.824	1.851
17)	MA 4,4'-DDT	6.768	5.864	198.7E6	176.0E6	79.394	78.897
18)	B Endrin al...	6.665	5.942	2974695	3315262	1.479	1.677
19)	B Endosulfa...	0.000	6.154f	0	226198	N.D.	0.092 #
20)	A Methoxychlor	7.249	6.443	263.8E6	251.4E6	199.464	197.717
21)	B Endrin ke...	7.379	6.667	5296667	6581342	2.076	2.434
23)	Chlordane-1	0.000	3.649f	0	234197	N.D.	2.838 #
25)	Chlordane-3	5.689	4.817	1121436	498278	2.703	1.870 #
26)	Chlordane-4	0.000	4.867	0	102857	N.D.	0.365 #
27)	Chlordane-5	0.000	5.779	0	612673	N.D.	6.307 #

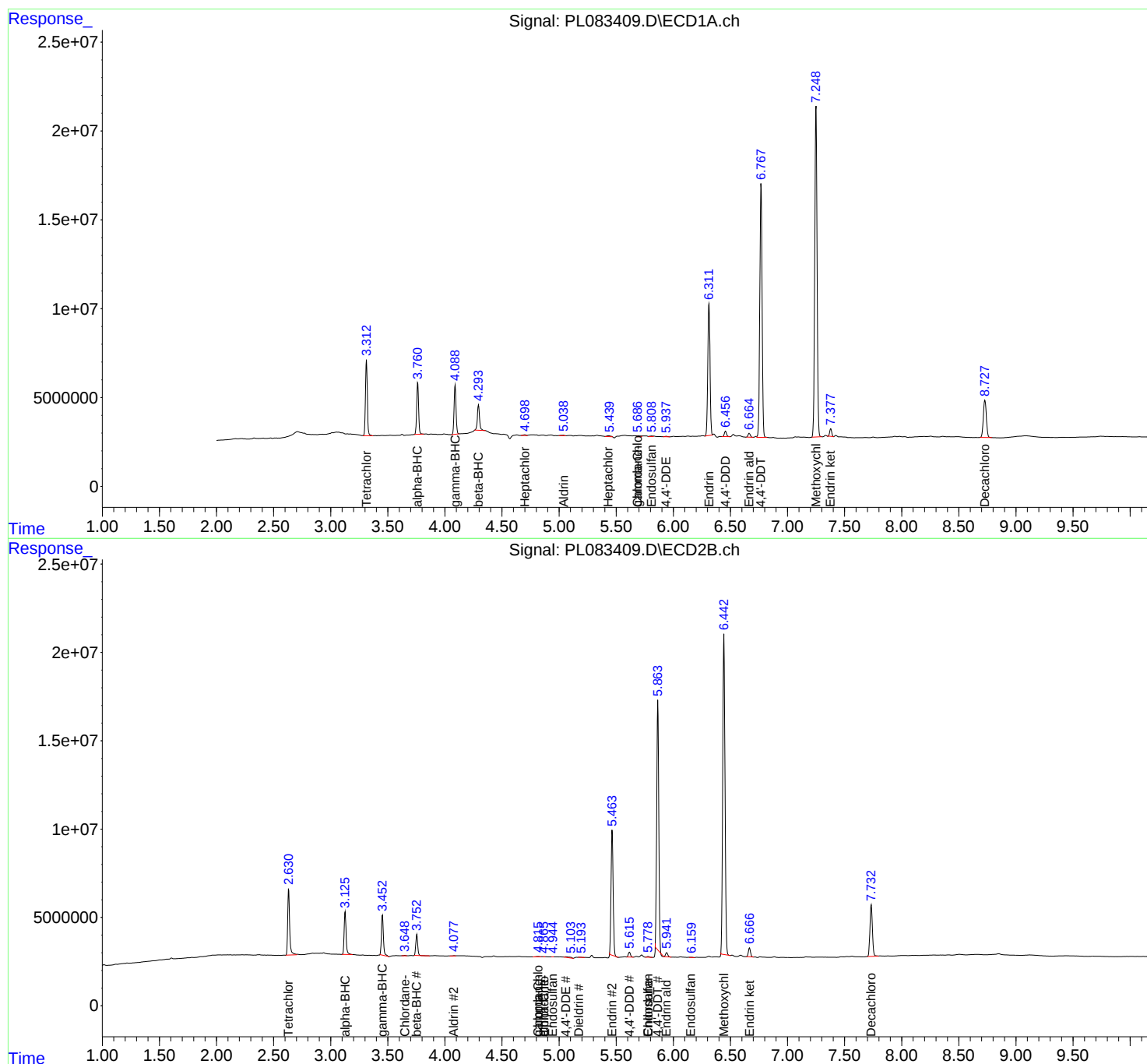
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

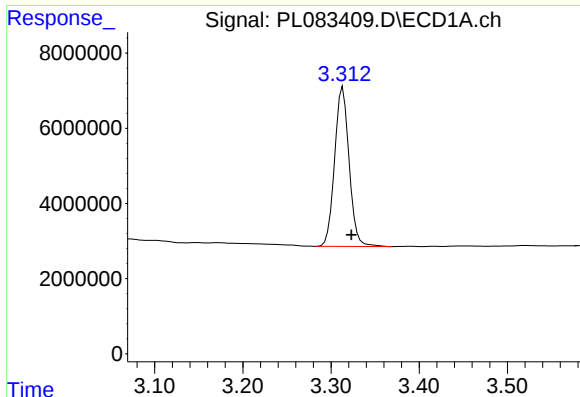
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

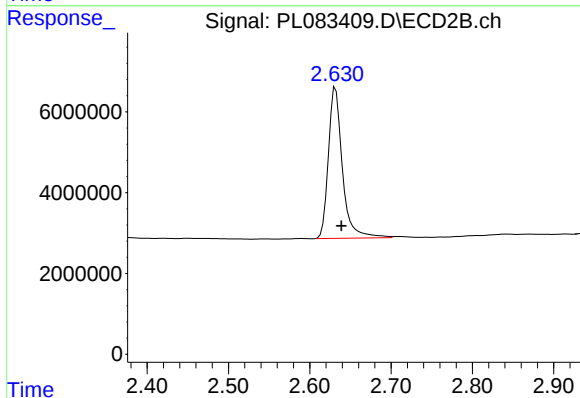




#1 Tetrachloro-m-xylene

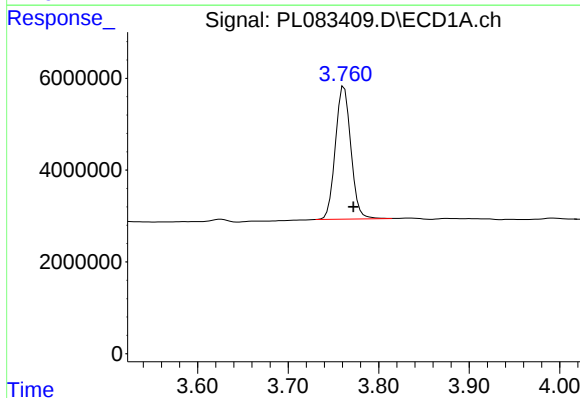
R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 48453448
Conc: 16.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



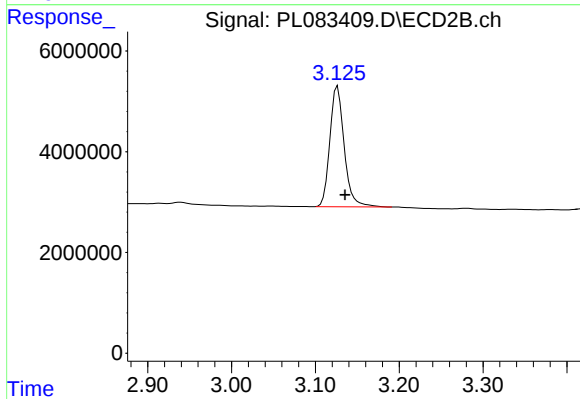
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 45025711
Conc: 17.34 ng/ml



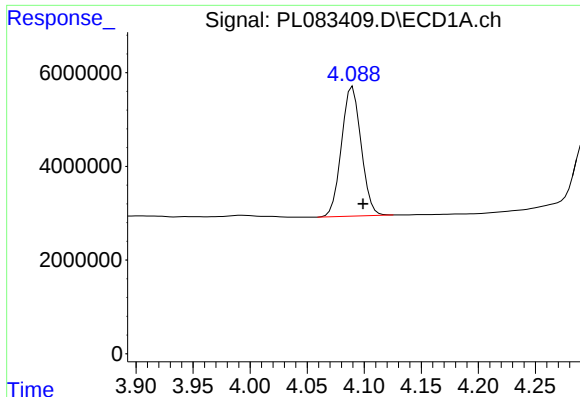
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 34371956
Conc: 7.74 ng/ml



#2 alpha-BHC

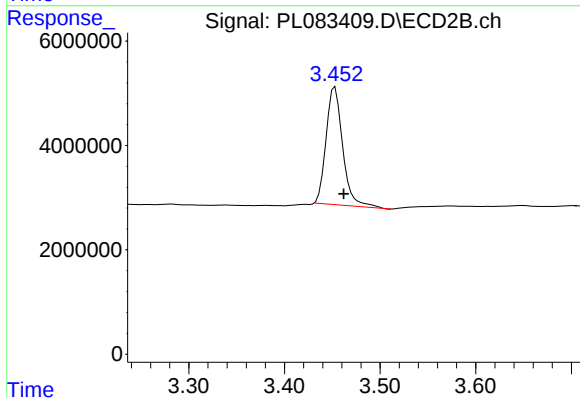
R.T.: 3.127 min
Delta R.T.: -0.009 min
Response: 28461749
Conc: 7.63 ng/ml



#3 gamma-BHC (Lindane)

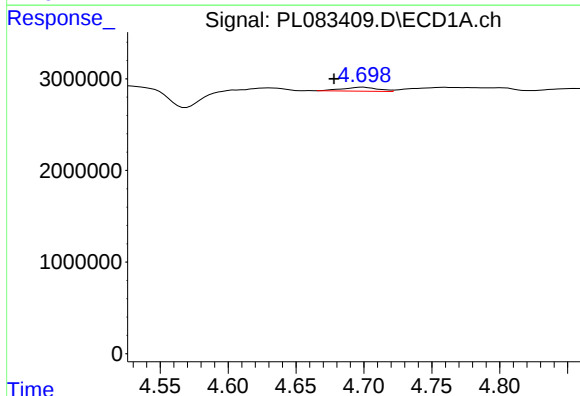
R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 33095977
Conc: 7.99 ng/ml

Instrument :
ECD_L
ClientSampleId :



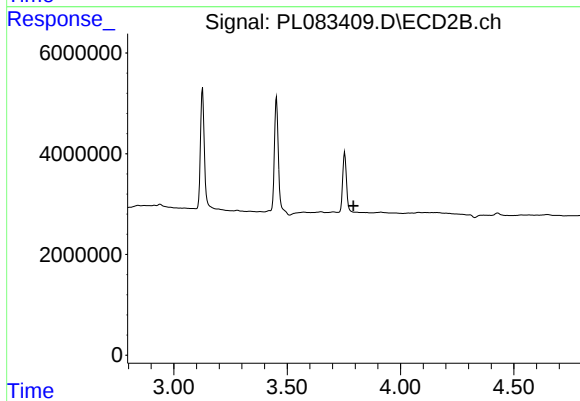
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 27139243
Conc: 8.14 ng/ml



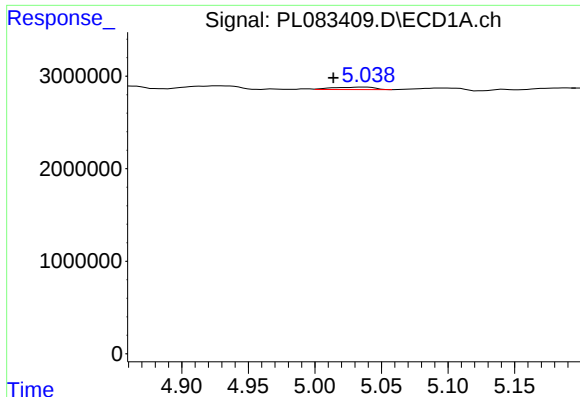
#4 Heptachlor

R.T.: 4.699 min
Delta R.T.: 0.021 min
Response: 775917
Conc: 0.20 ng/ml



#4 Heptachlor

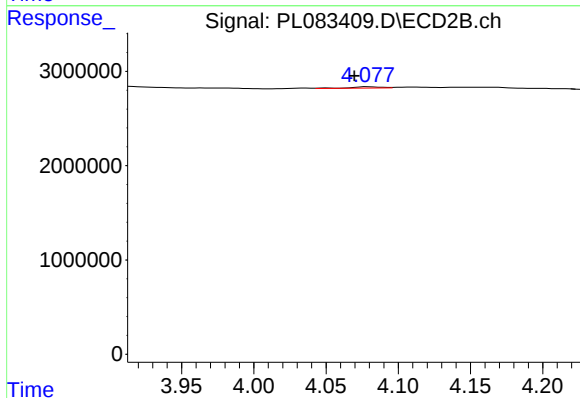
R.T.: 0.000 min
Exp R.T. : 3.793 min
Response: 0
Conc: N.D.



#5 Aldrin

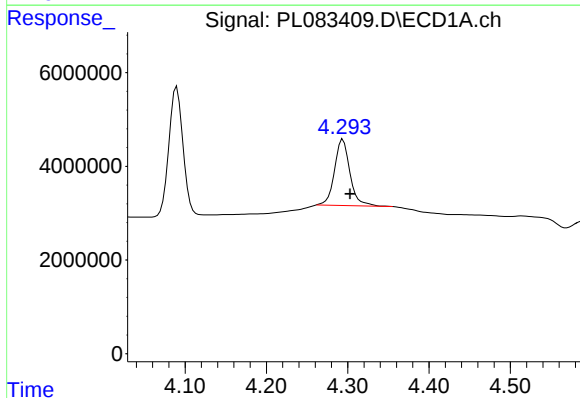
R.T.: 5.038 min
Delta R.T.: 0.024 min
Response: 556527
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :



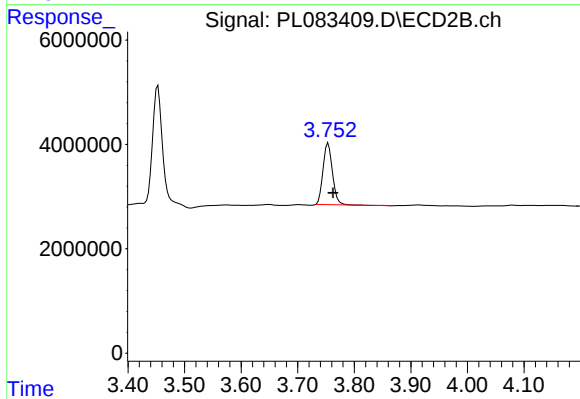
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: 0.009 min
Response: 218475
Conc: 0.07 ng/ml



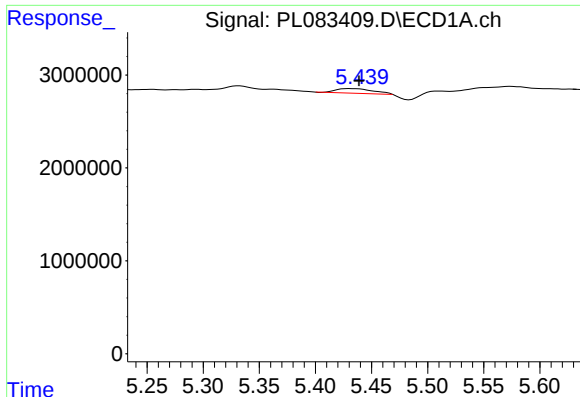
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 18647092
Conc: 9.90 ng/ml



#6 beta-BHC

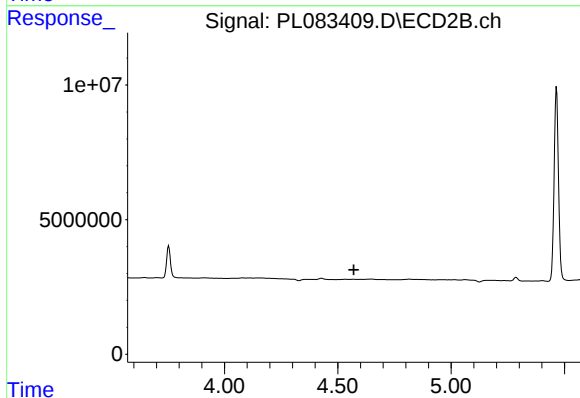
R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 13693521
Conc: 9.58 ng/ml



#8 Heptachlor epoxide

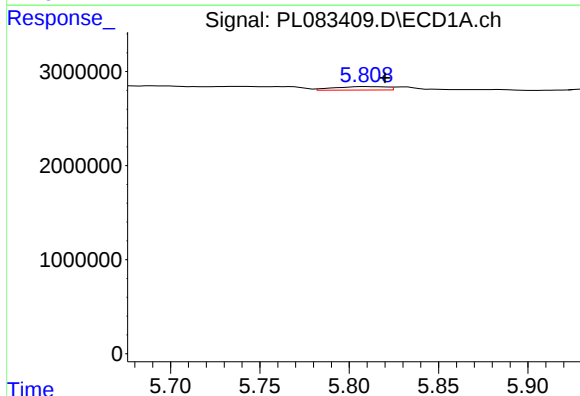
R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 1115284
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



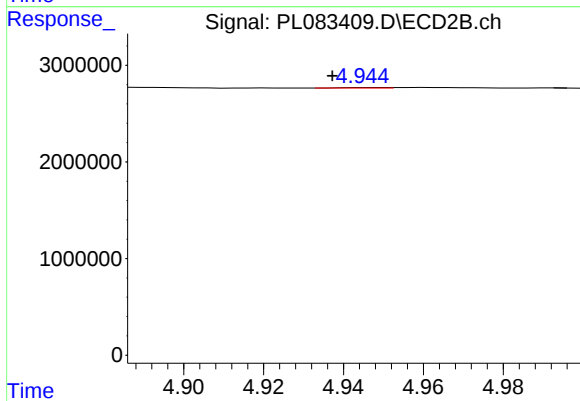
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



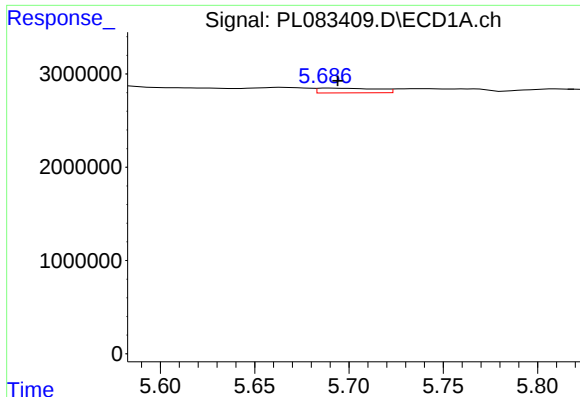
#9 Endosulfan I

R.T.: 5.810 min
Delta R.T.: -0.010 min
Response: 738536
Conc: 0.25 ng/ml



#9 Endosulfan I

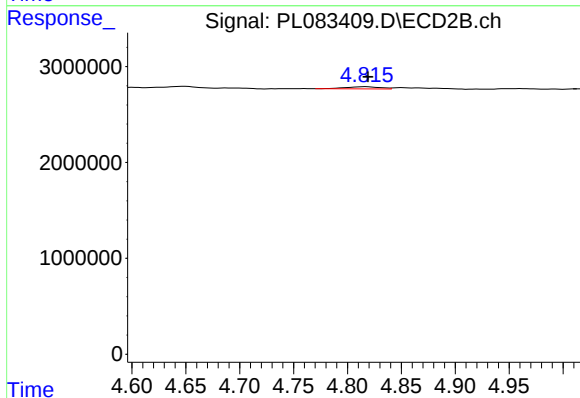
R.T.: 4.947 min
Delta R.T.: 0.009 min
Response: 39794
Conc: 0.01 ng/ml



#10 gamma-Chlordane

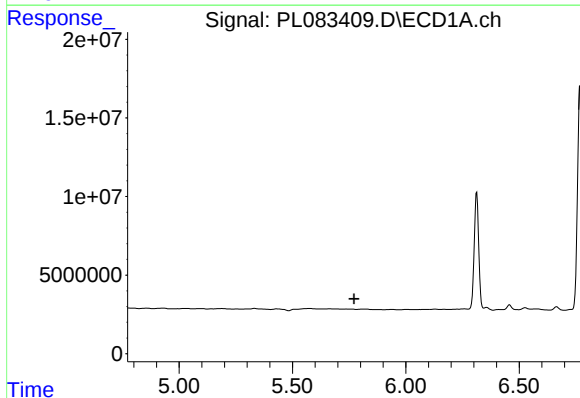
R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 1121436
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



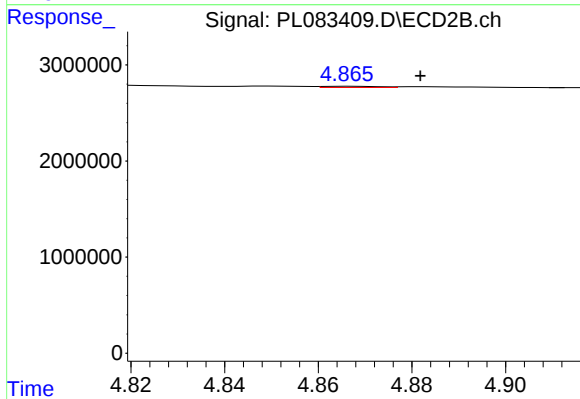
#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 498278
Conc: 0.17 ng/ml



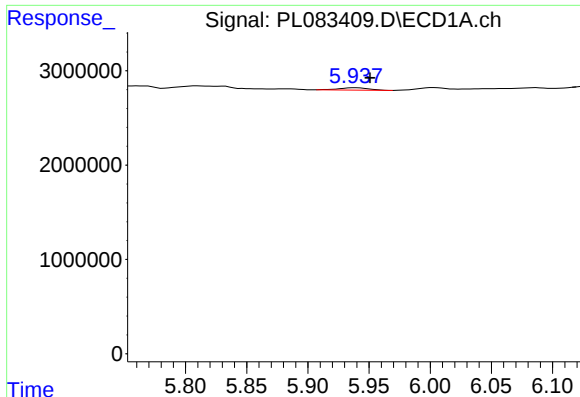
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.772 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

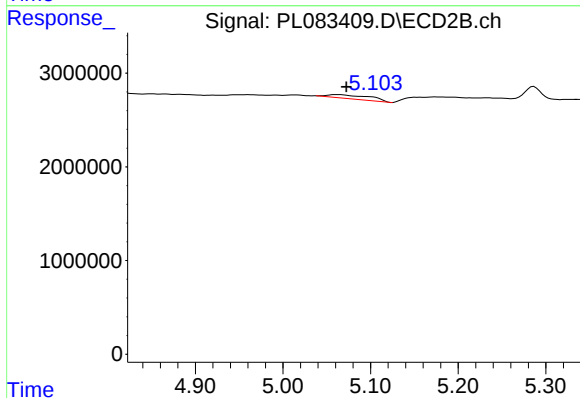
R.T.: 4.867 min
Delta R.T.: -0.015 min
Response: 102857
Conc: 0.03 ng/ml



#12 4,4'-DDE

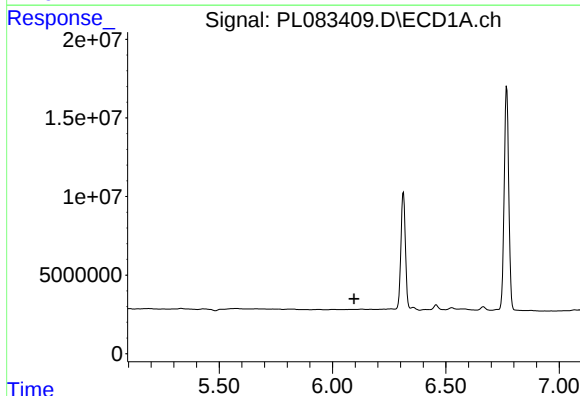
R.T.: 5.939 min
Delta R.T.: -0.012 min
Response: 410978
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



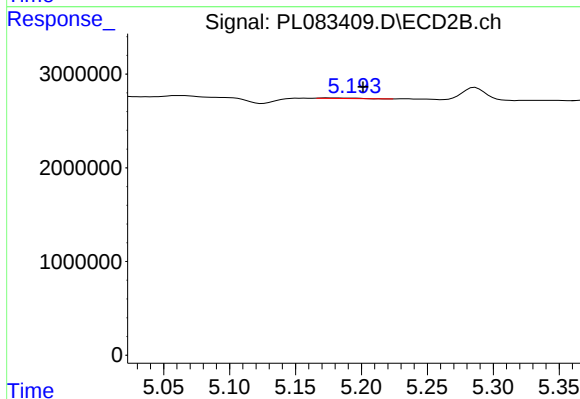
#12 4,4'-DDE

R.T.: 5.062 min
Delta R.T.: -0.010 min
Response: 1402459
Conc: 0.58 ng/ml



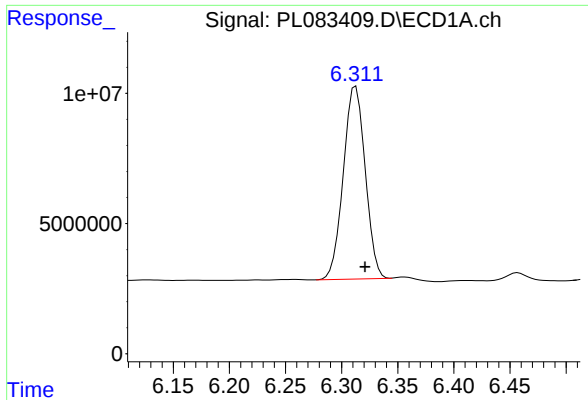
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.095 min
Response: 0
Conc: N.D.



#13 Dieldrin

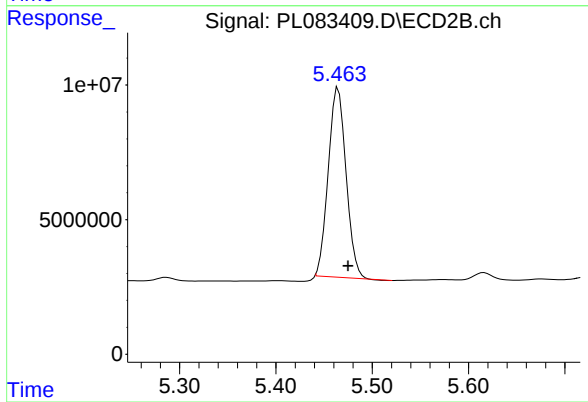
R.T.: 5.174 min
Delta R.T.: -0.027 min
Response: 83501
Conc: 0.03 ng/ml



#14 Endrin

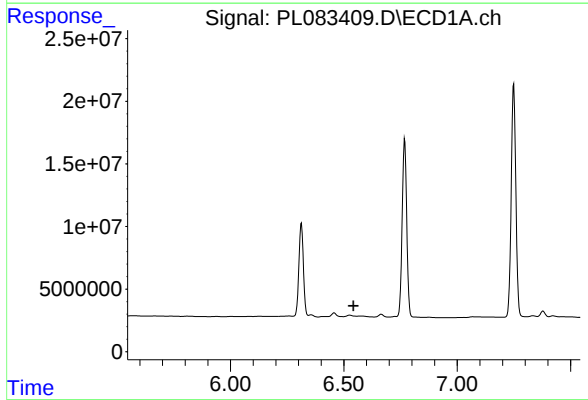
R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 100537485
Conc: 37.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



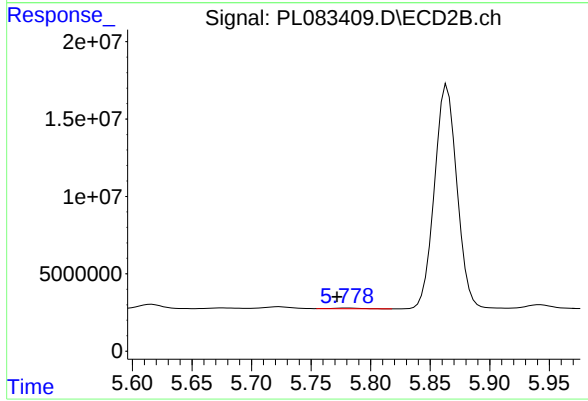
#14 Endrin

R.T.: 5.465 min
Delta R.T.: -0.010 min
Response: 90415434
Conc: 35.64 ng/ml



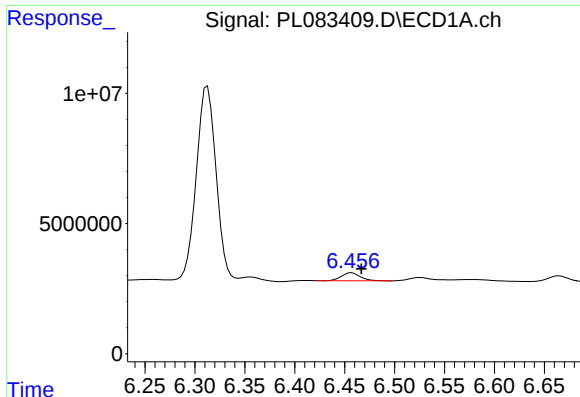
#15 Endosulfan II

R.T.: 6.526 min
Delta R.T.: -0.017 min
Response: 1462099
Conc: N.D.



#15 Endosulfan II

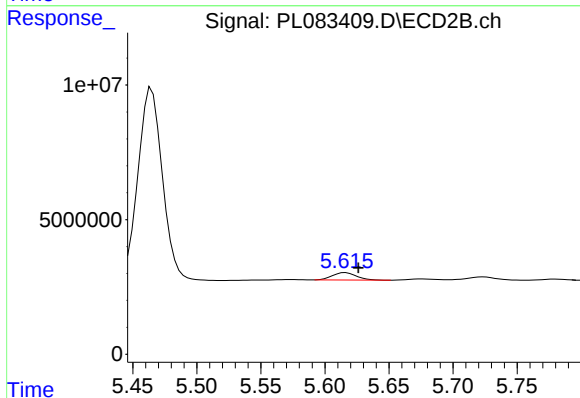
R.T.: 5.779 min
Delta R.T.: 0.007 min
Response: 612673
Conc: 0.25 ng/ml



#16 4,4'-DDD

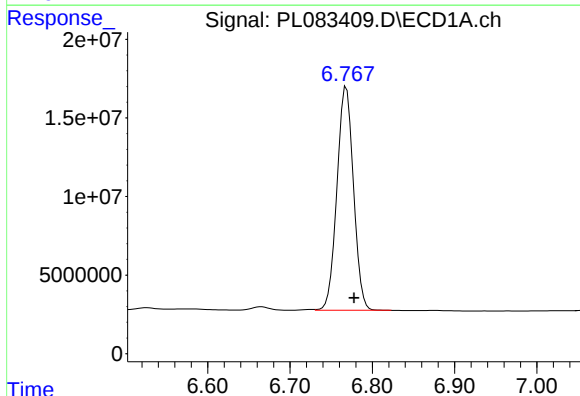
R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 3963784
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



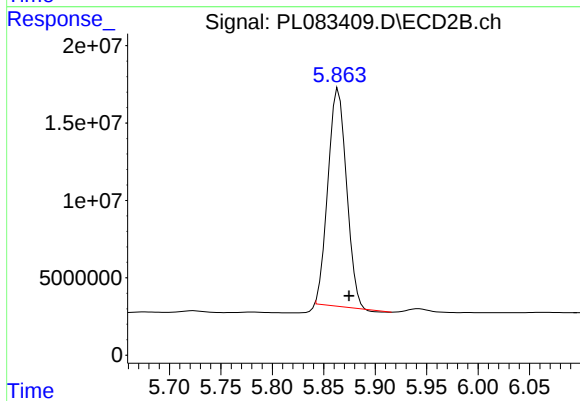
#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 3560239
Conc: 1.85 ng/ml



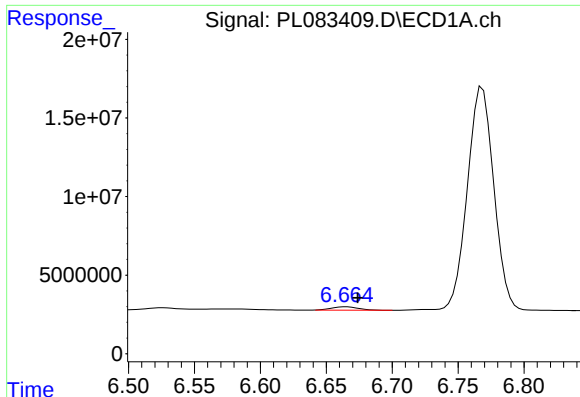
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 198738003
Conc: 79.39 ng/ml



#17 4,4'-DDT

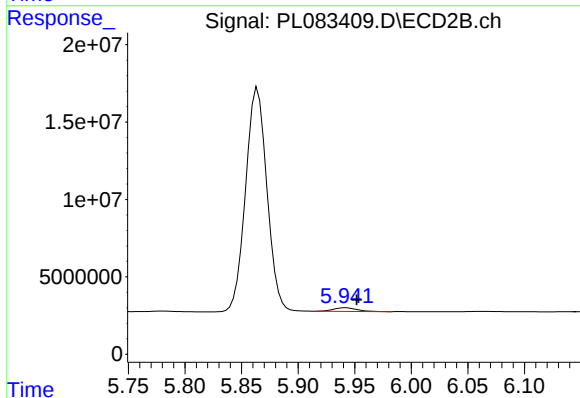
R.T.: 5.864 min
Delta R.T.: -0.010 min
Response: 176020740
Conc: 78.90 ng/ml



#18 Endrin aldehyde

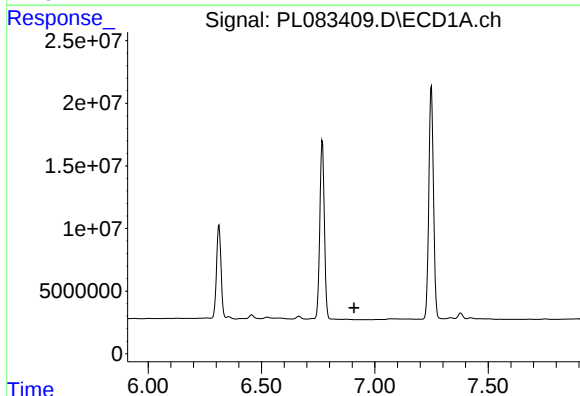
R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 2974695
Conc: 1.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



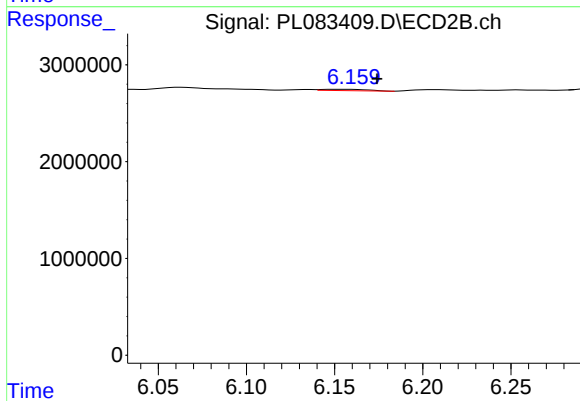
#18 Endrin aldehyde

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 3315262
Conc: 1.68 ng/ml



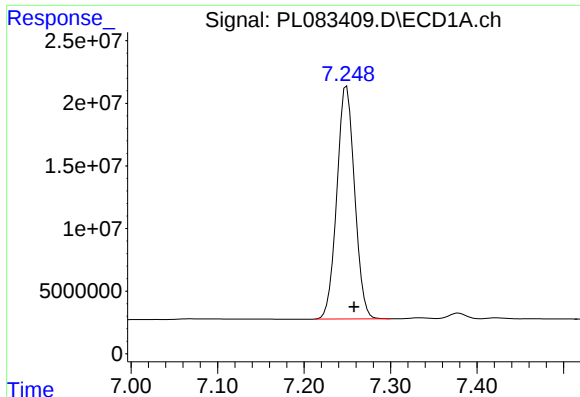
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

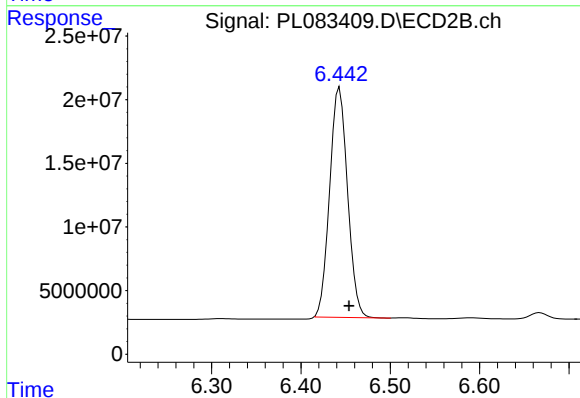
R.T.: 6.154 min
Delta R.T.: -0.020 min
Response: 226198
Conc: 0.09 ng/ml



#20 Methoxychlor

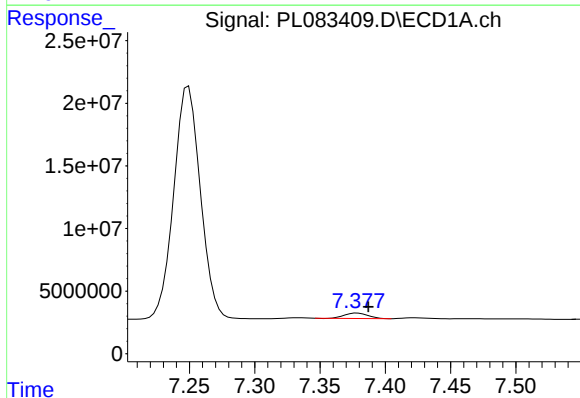
R.T.: 7.249 min
Delta R.T.: -0.009 min
Response: 263767221
Conc: 199.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



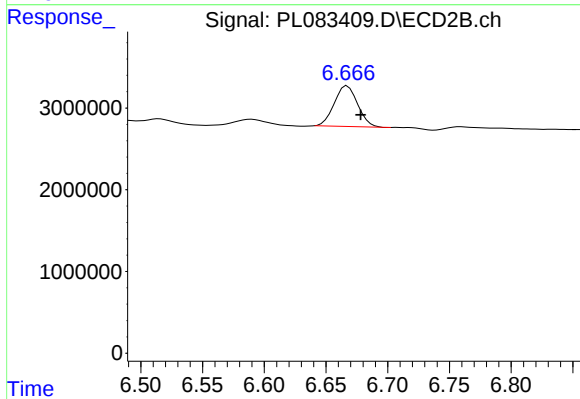
#20 Methoxychlor

R.T.: 6.443 min
Delta R.T.: -0.010 min
Response: 251445923
Conc: 197.72 ng/ml



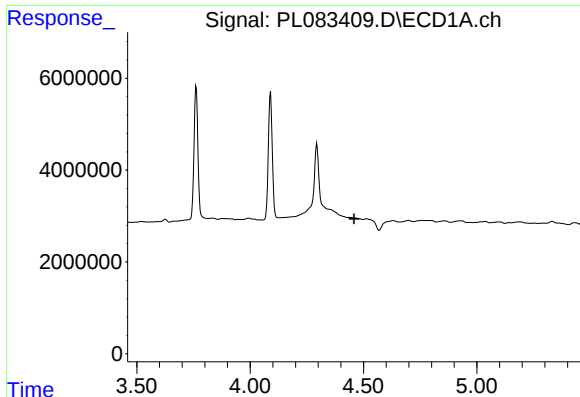
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 5296667
Conc: 2.08 ng/ml



#21 Endrin ketone

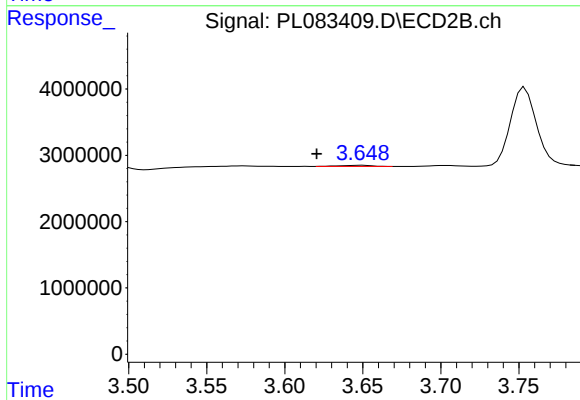
R.T.: 6.667 min
Delta R.T.: -0.011 min
Response: 6581342
Conc: 2.43 ng/ml



#23 Chlordane-1

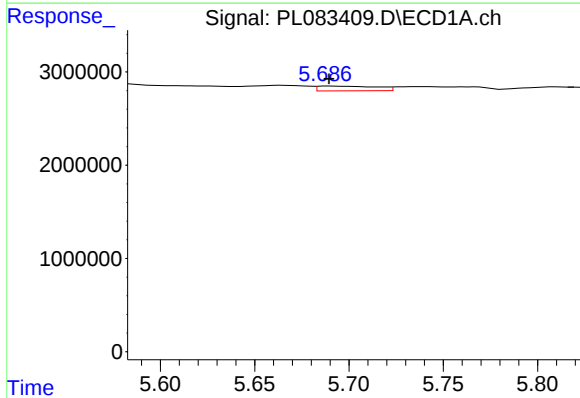
R.T.: 0.000 min
Exp R.T.: 4.458 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



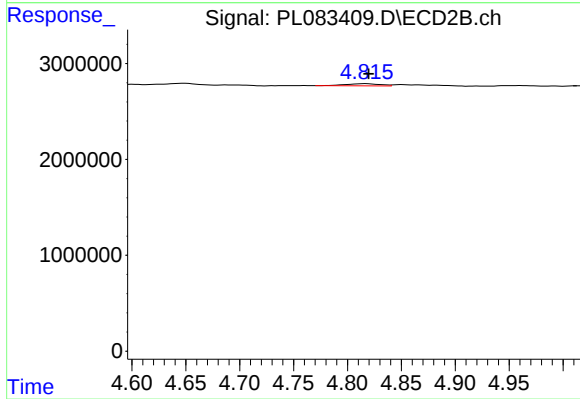
#23 Chlordane-1

R.T.: 3.649 min
Delta R.T.: 0.029 min
Response: 234197
Conc: 2.84 ng/ml



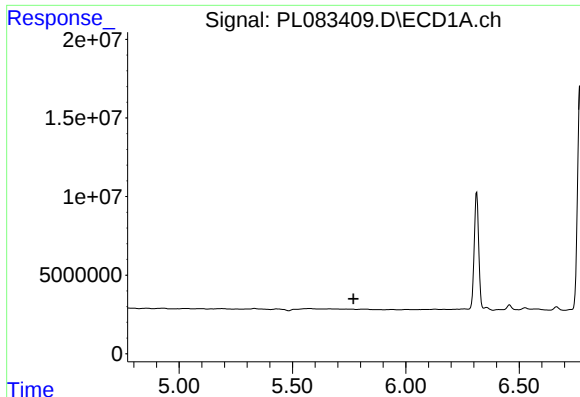
#25 Chlordane-3

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 1121436
Conc: 2.70 ng/ml



#25 Chlordane-3

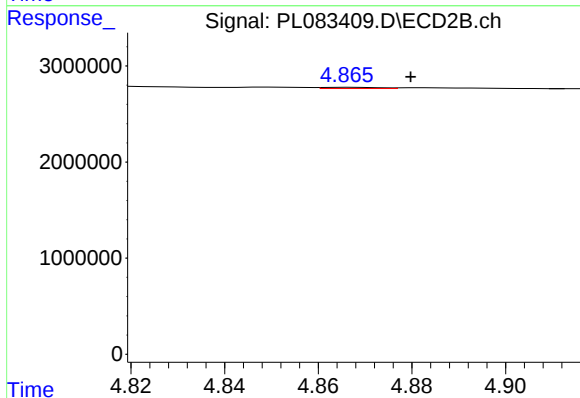
R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 498278
Conc: 1.87 ng/ml



#26 Chlordane-4

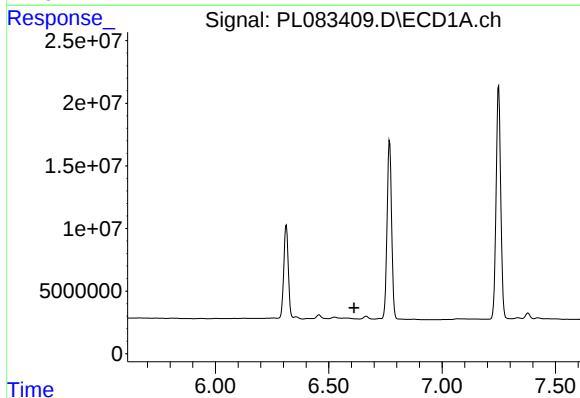
R.T.: 0.000 min
Exp R.T.: 5.770 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



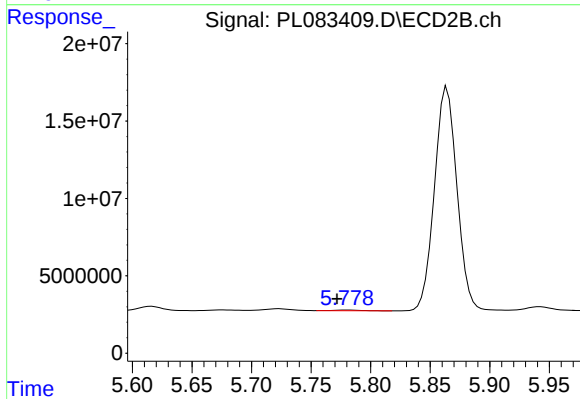
#26 Chlordane-4

R.T.: 4.867 min
Delta R.T.: -0.013 min
Response: 102857
Conc: 0.37 ng/ml



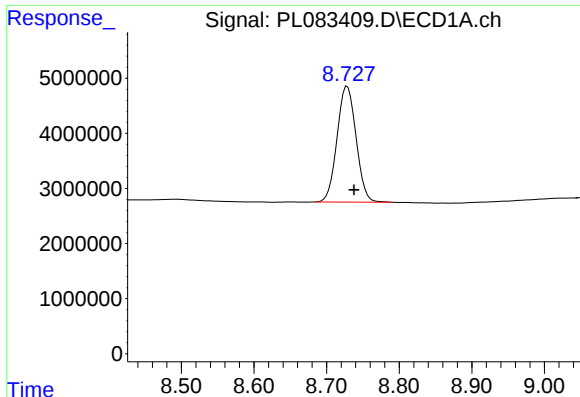
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#27 Chlordane-5

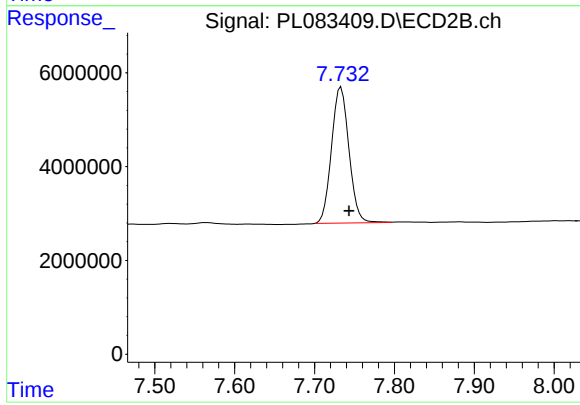
R.T.: 5.779 min
Delta R.T.: 0.008 min
Response: 612673
Conc: 6.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 38279843
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.010 min
Response: 44015640
Conc: 17.70 ng/ml