

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040121\
 Data File : PL065767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2021 11:49
 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 02 02:07:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL033121.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 31 15:57:28 2021
 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...	3.279	3.782	55555501	55318464	21.326	20.153
28)	SA Decachlor...	7.913	8.730	52865760	52049335	22.826	23.087
Target Compounds							
2)	A alpha-BHC	3.702	4.167	43297499	41945212	10.587	10.324
3)	MA gamma-BHC...	3.974	4.446	38922955	36942596	10.515	10.090
4)	MA Heptachlor	4.272	4.958f	1402658	1051320	0.389	0.298
5)	MB Aldrin	4.507	0.000	546654	0	0.160	N.D. #
6)	B beta-BHC	4.226	4.629	17936306	18088751	11.253	10.385
7)	B delta-BHC	4.443f	0.000	830317	0	0.231	N.D. #
8)	B Heptachlo...	0.000	5.617	0	5214801	N.D.	1.679 #
12)	B 4,4'-DDE	5.370	6.079	1435846	372248	0.520	0.142 #
13)	MA Dieldrin	0.000	6.245f	0	1522617	N.D.	0.540 #
14)	MA Endrin	5.742	6.436	131.5E6	114.9E6	48.688	46.143
15)	B Endosulfa...	6.025	6.627f	794864	631217	0.320	0.267
16)	A 4,4'-DDD	5.877	6.570	11225876	8375938	4.947	3.974
17)	MA 4,4'-DDT	6.111	6.863	212.4E6	202.6E6	100.800	90.506
18)	B Endrin al...	6.181	6.776	3322859	1631490	1.756	0.860 #
20)	A Methoxychlor	6.655	7.328	280.4E6	275.9E6	223.371	217.847
21)	B Endrin ke...	6.868	7.464	13369846	8490184	4.875	3.303 #
23)	Chlordane-1	0.000	4.722f	0	307062	N.D.	2.780 #
24)	Chlordane-2	4.599	0.000	833529	0	7.252	N.D. #
27)	Chlordane-5	6.025	6.738f	794864	97445	7.771	1.169 #

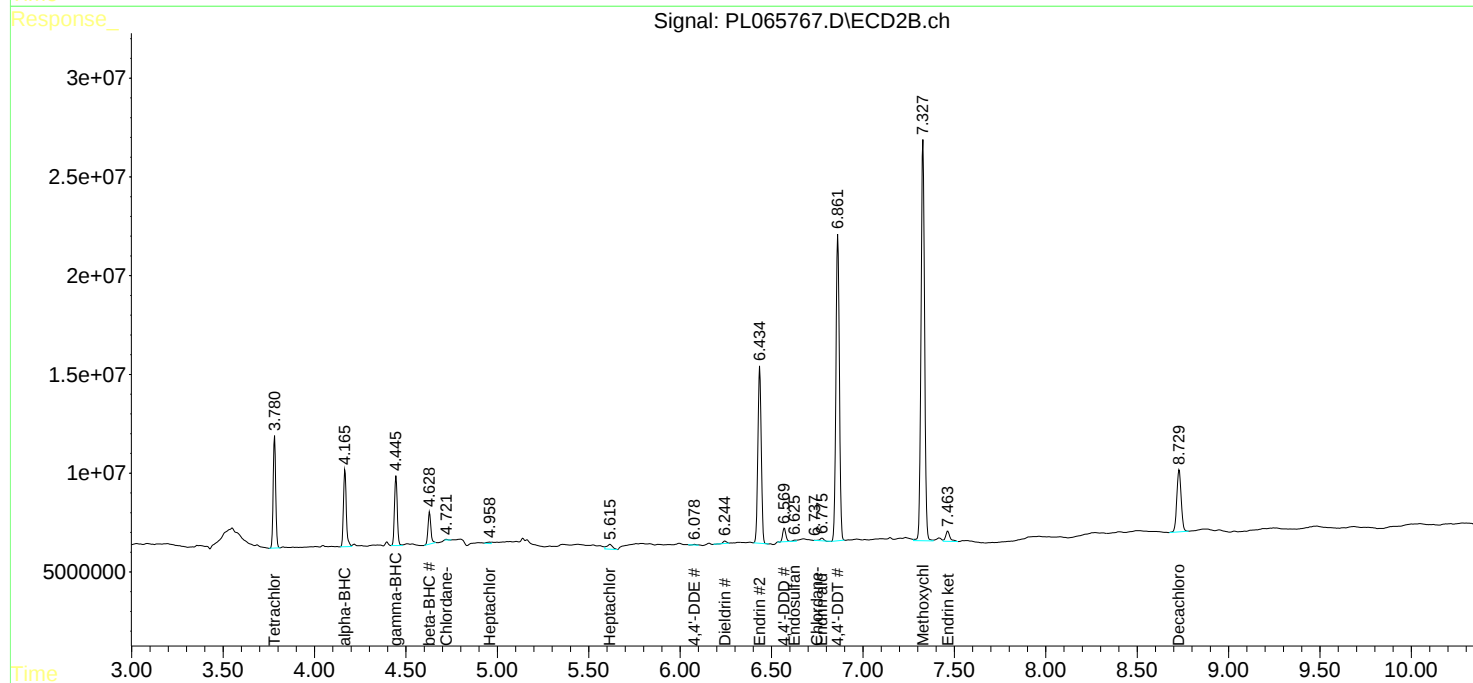
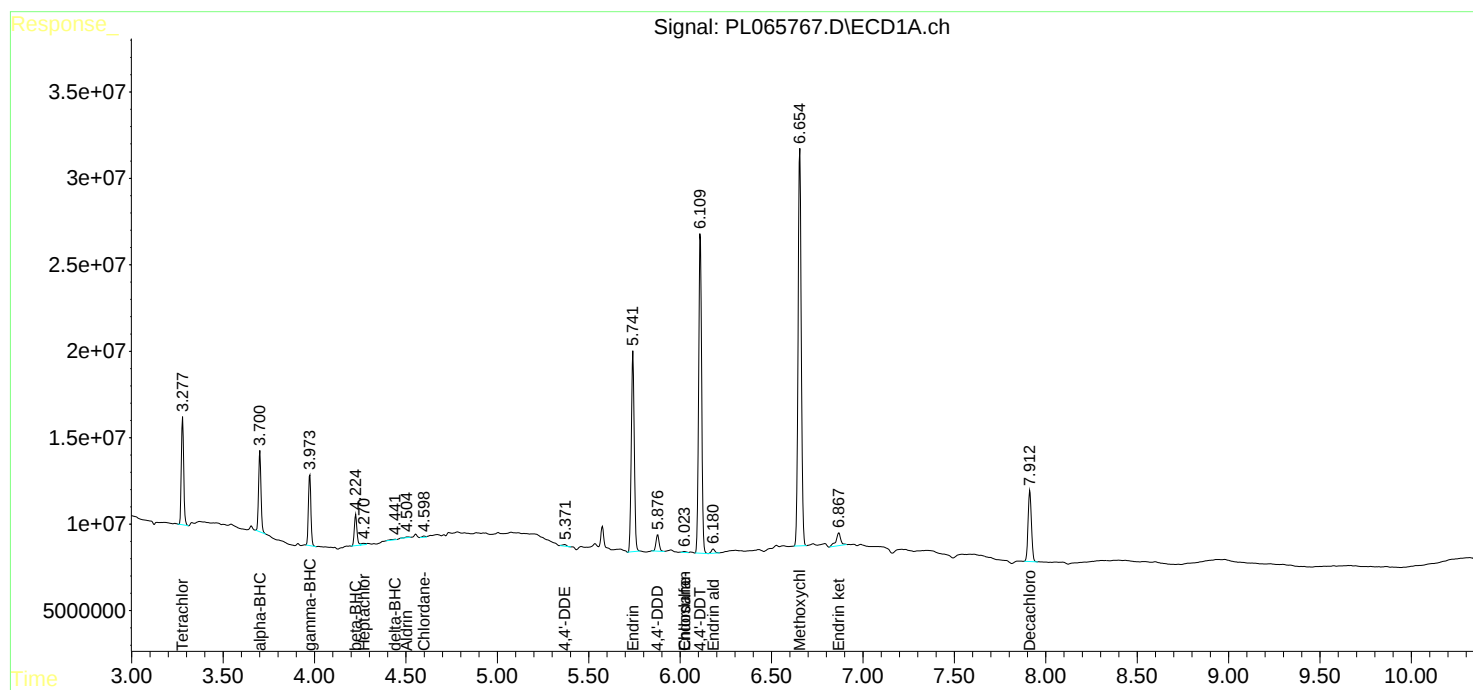
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

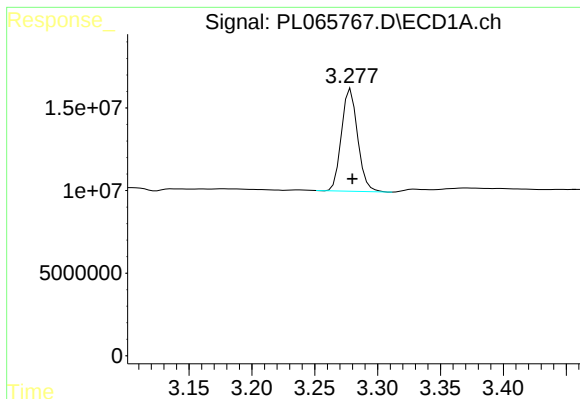
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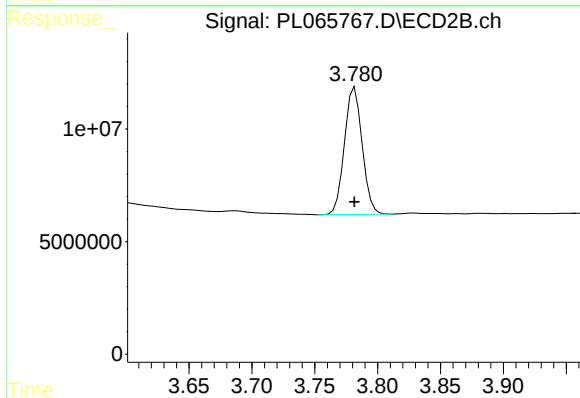




#1 Tetrachloro-m-xylene

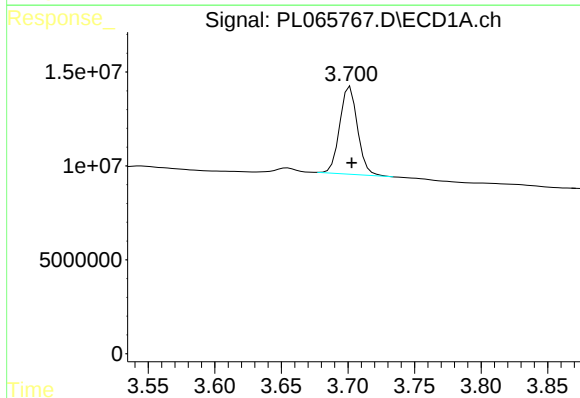
R.T.: 3.279 min
Delta R.T.: -0.001 min
Response: 55555501
Conc: 21.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



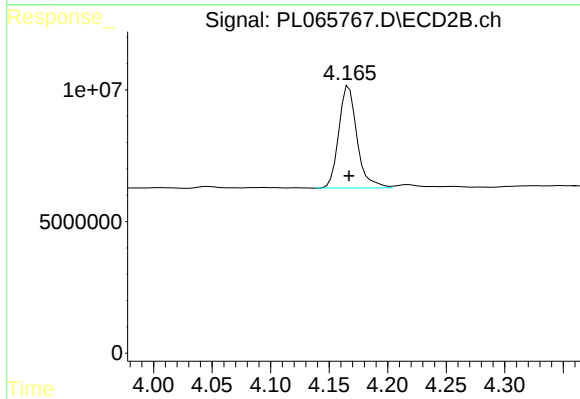
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 55318464
Conc: 20.15 ng/ml



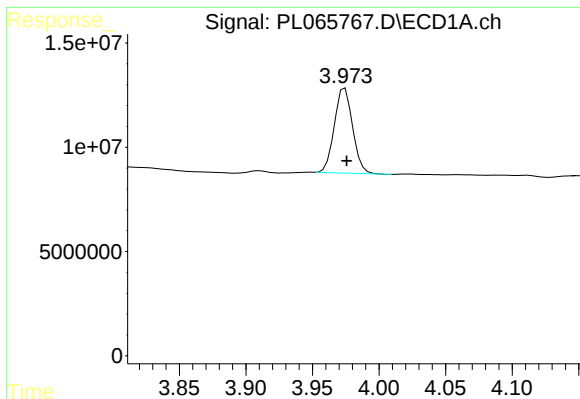
#2 alpha-BHC

R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 43297499
Conc: 10.59 ng/ml



#2 alpha-BHC

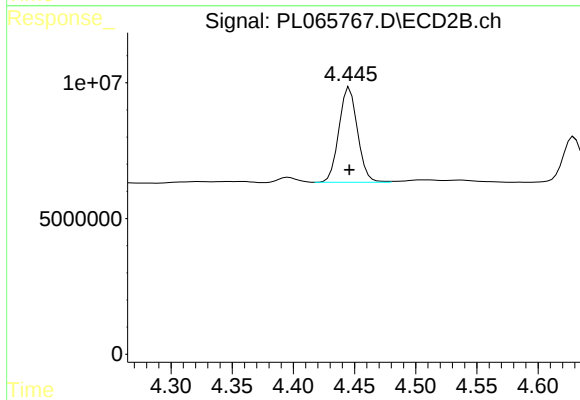
R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 41945212
Conc: 10.32 ng/ml



#3 gamma-BHC (Lindane)

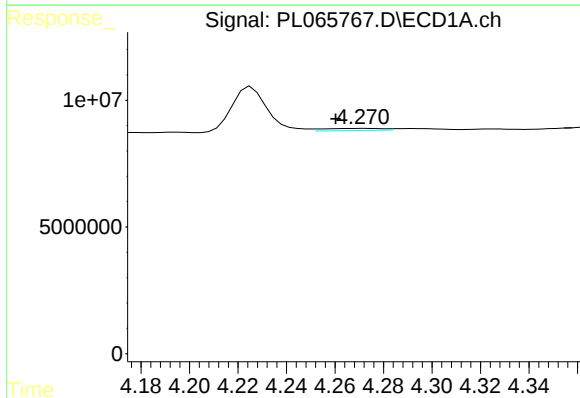
R.T.: 3.974 min
Delta R.T.: -0.001 min
Response: 38922955
Conc: 10.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



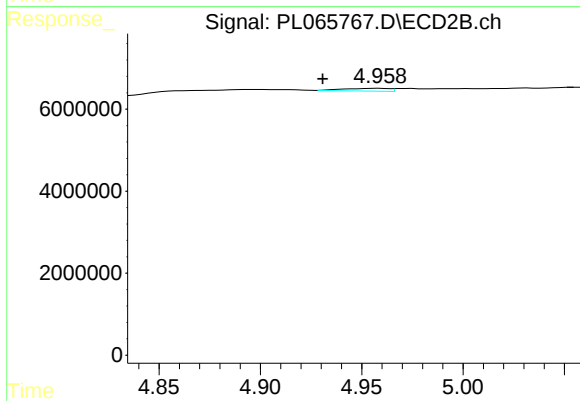
#3 gamma-BHC (Lindane)

R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 36942596
Conc: 10.09 ng/ml



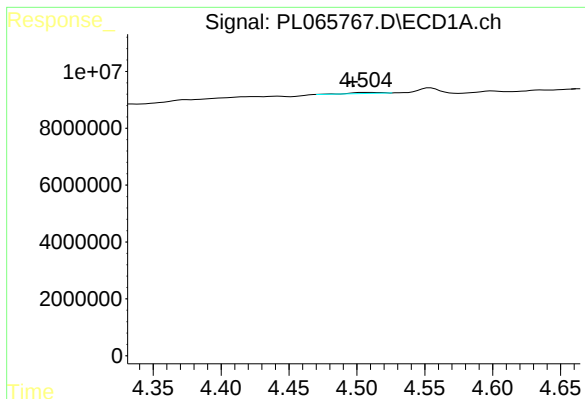
#4 Heptachlor

R.T.: 4.272 min
Delta R.T.: 0.011 min
Response: 1402658
Conc: 0.39 ng/ml



#4 Heptachlor

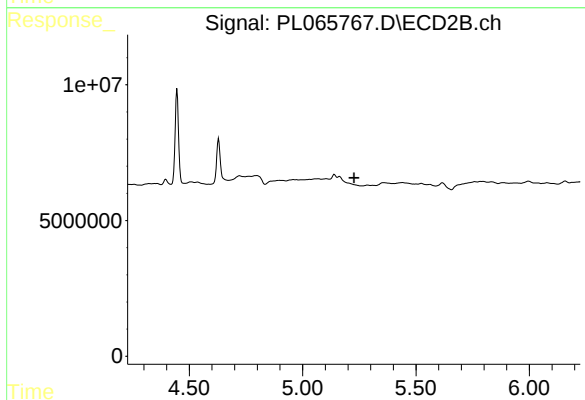
R.T.: 4.958 min
Delta R.T.: 0.027 min
Response: 1051320
Conc: 0.30 ng/ml



#5 Aldrin

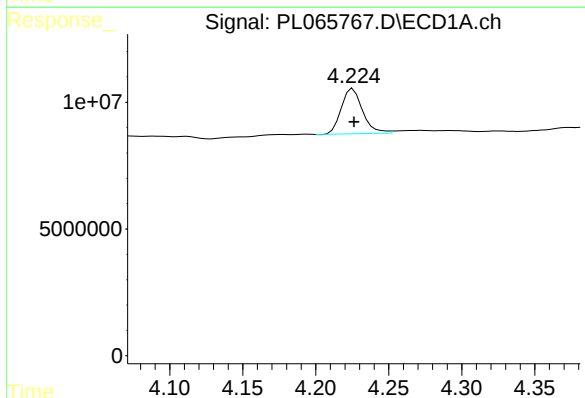
R.T.: 4.507 min
Delta R.T.: 0.010 min
Response: 546654
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



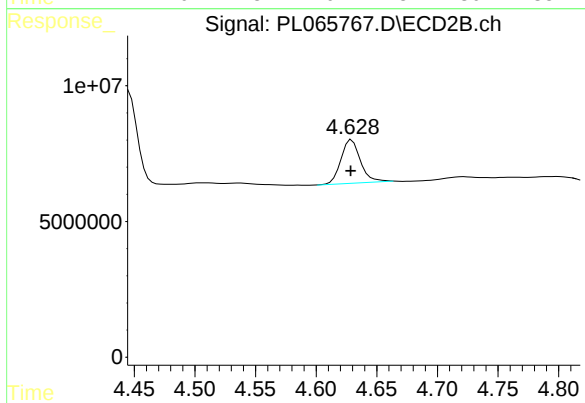
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.227 min
Response: 0
Conc: N.D.



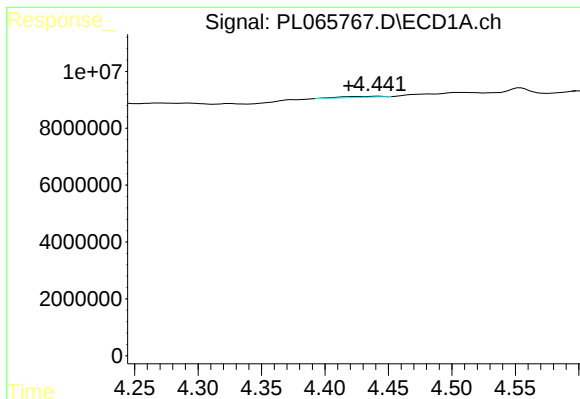
#6 beta-BHC

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 17936306
Conc: 11.25 ng/ml



#6 beta-BHC

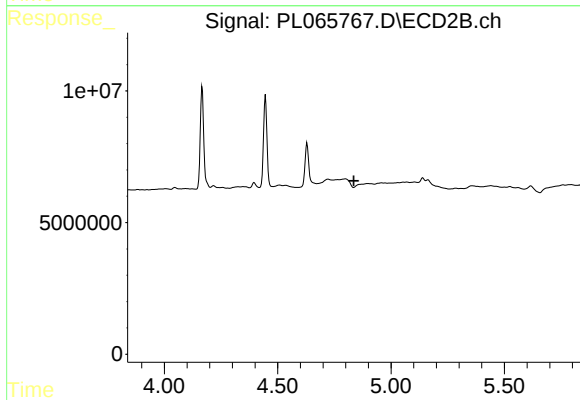
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 18088751
Conc: 10.39 ng/ml



#7 delta-BHC

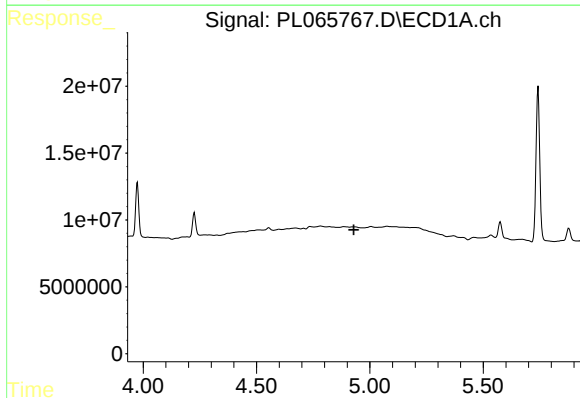
R.T.: 4.443 min
Delta R.T.: 0.024 min
Response: 830317
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



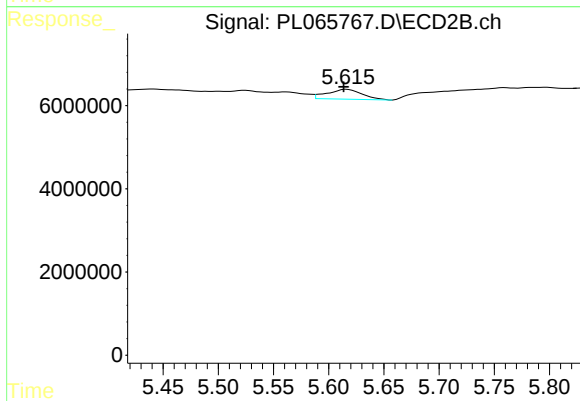
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.836 min
Response: 0
Conc: N.D.



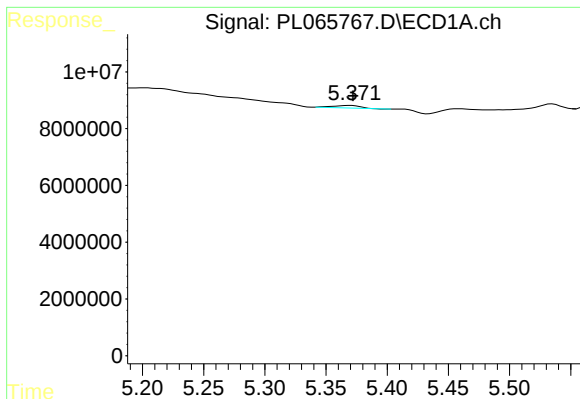
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

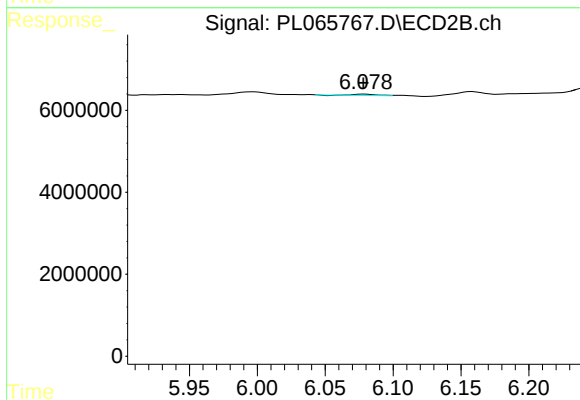
R.T.: 5.617 min
Delta R.T.: 0.003 min
Response: 5214801
Conc: 1.68 ng/ml



#12 4,4'-DDE

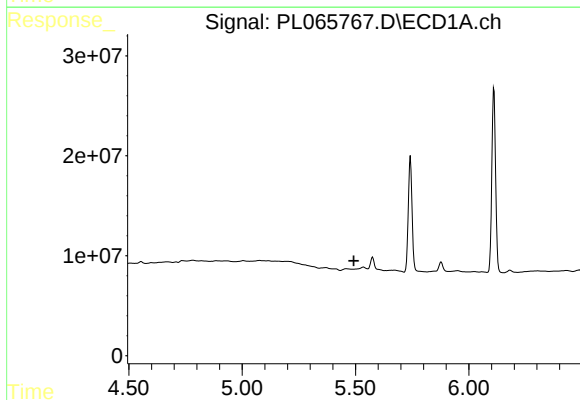
R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 1435846
Conc: 0.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



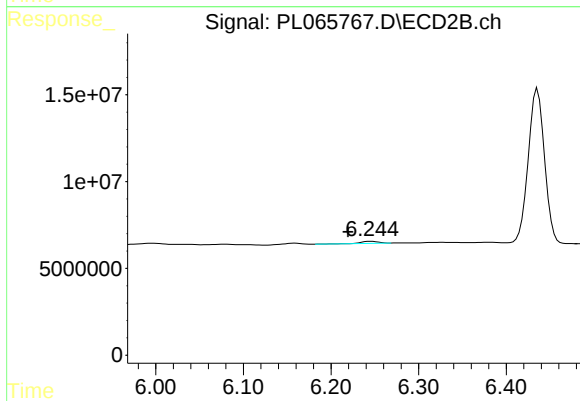
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 372248
Conc: 0.14 ng/ml



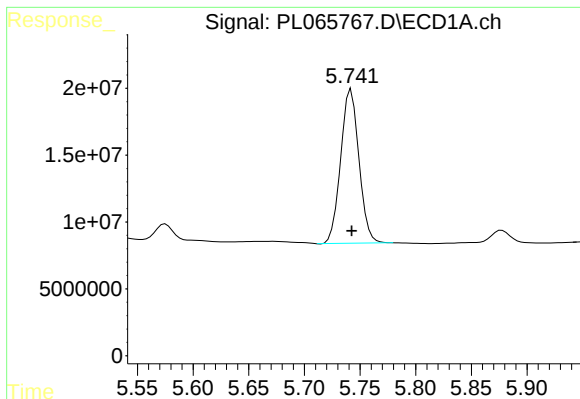
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.493 min
Response: 0
Conc: N.D.



#13 Dieldrin

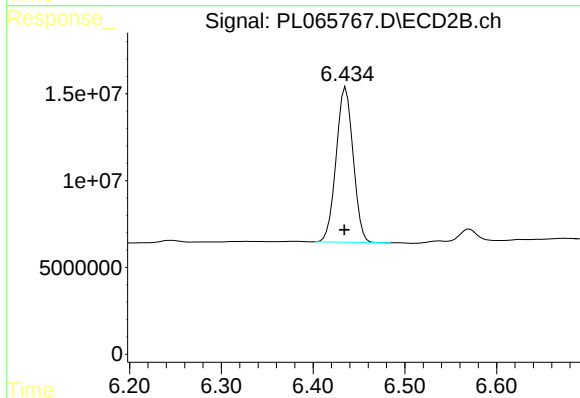
R.T.: 6.245 min
Delta R.T.: 0.026 min
Response: 1522617
Conc: 0.54 ng/ml



#14 Endrin

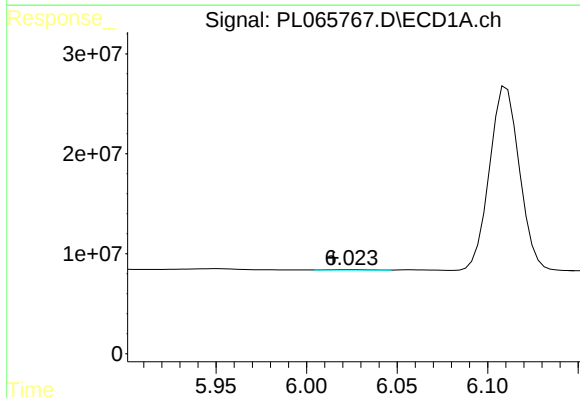
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 131456653
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



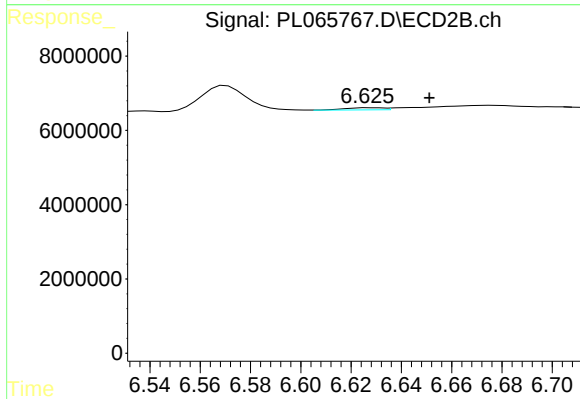
#14 Endrin

R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 114931452
Conc: 46.14 ng/ml



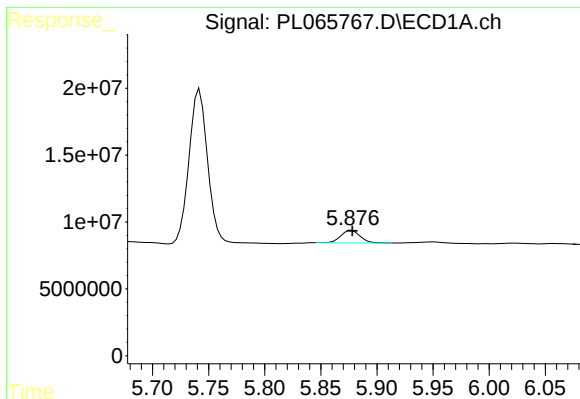
#15 Endosulfan II

R.T.: 6.025 min
Delta R.T.: 0.010 min
Response: 794864
Conc: 0.32 ng/ml



#15 Endosulfan II

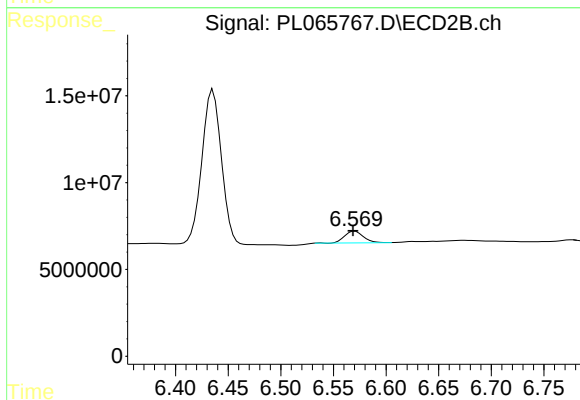
R.T.: 6.627 min
Delta R.T.: -0.024 min
Response: 631217
Conc: 0.27 ng/ml



#16 4,4'-DDD

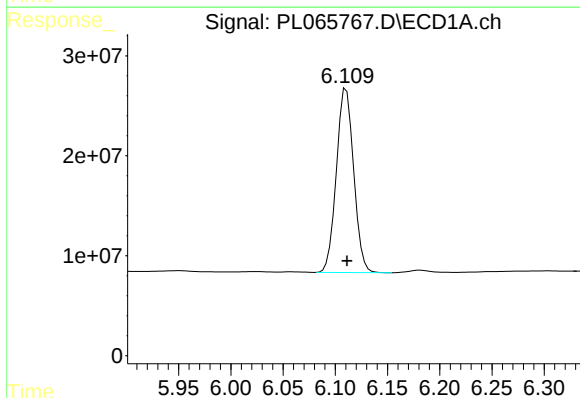
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 11225876
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



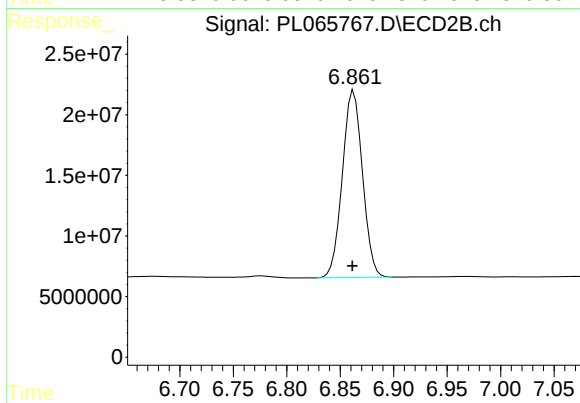
#16 4,4'-DDD

R.T.: 6.570 min
Delta R.T.: 0.001 min
Response: 8375938
Conc: 3.97 ng/ml



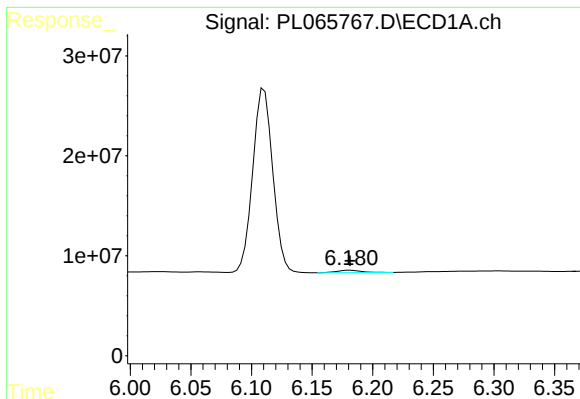
#17 4,4'-DDT

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 212368401
Conc: 100.80 ng/ml



#17 4,4'-DDT

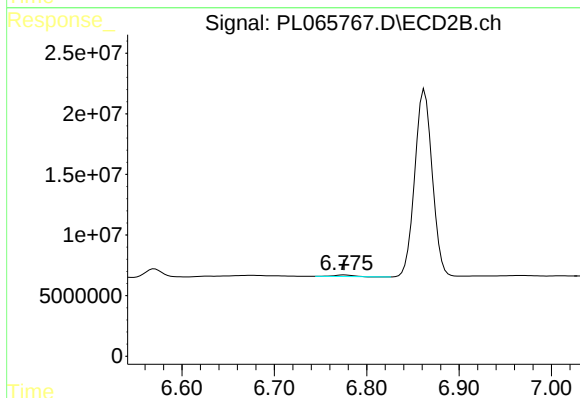
R.T.: 6.863 min
Delta R.T.: 0.001 min
Response: 202649191
Conc: 90.51 ng/ml



#18 Endrin aldehyde

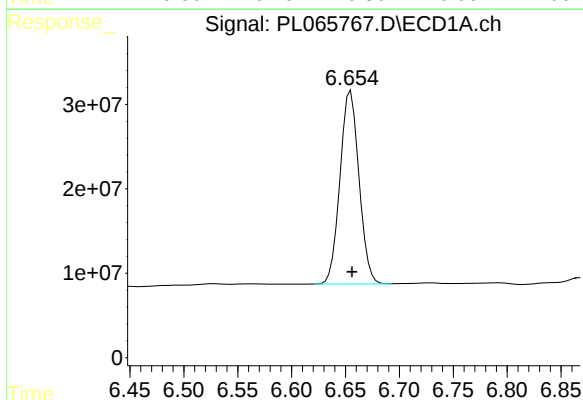
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 3322859
Conc: 1.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



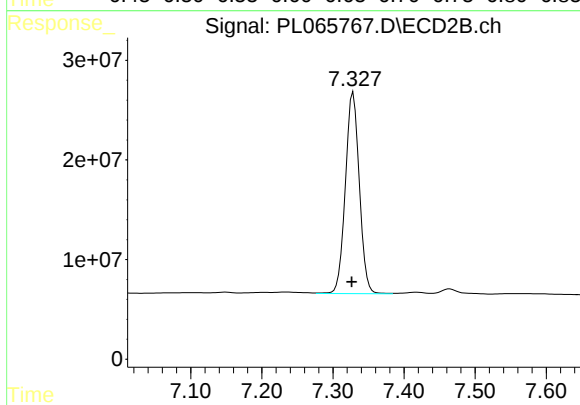
#18 Endrin aldehyde

R.T.: 6.776 min
Delta R.T.: 0.001 min
Response: 1631490
Conc: 0.86 ng/ml



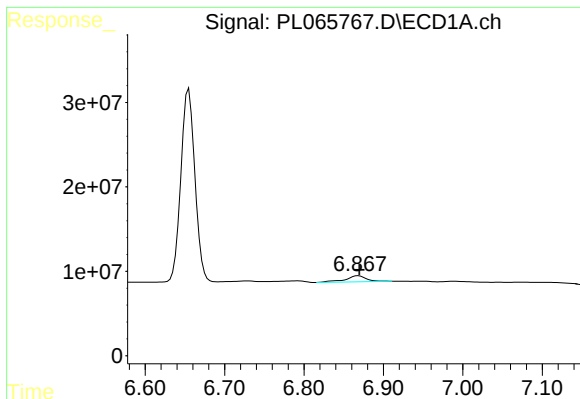
#20 Methoxychlor

R.T.: 6.655 min
Delta R.T.: -0.001 min
Response: 280413992
Conc: 223.37 ng/ml



#20 Methoxychlor

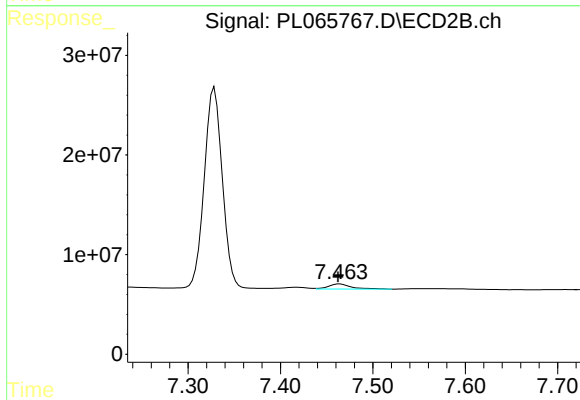
R.T.: 7.328 min
Delta R.T.: 0.002 min
Response: 275909349
Conc: 217.85 ng/ml



#21 Endrin ketone

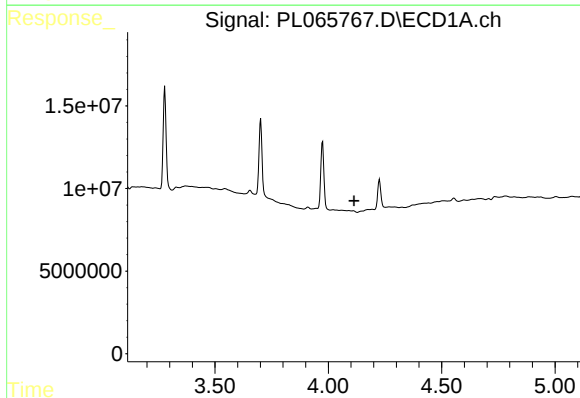
R.T.: 6.868 min
Delta R.T.: -0.001 min
Response: 13369846
Conc: 4.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



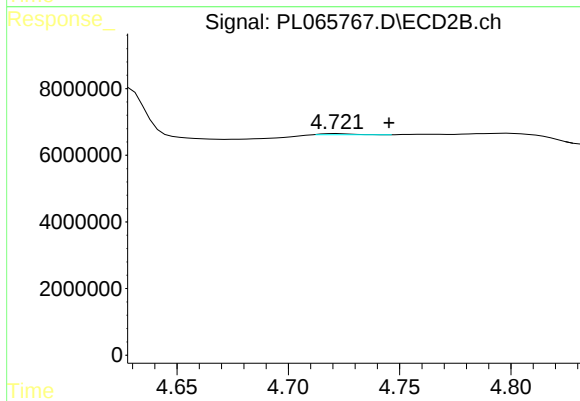
#21 Endrin ketone

R.T.: 7.464 min
Delta R.T.: 0.002 min
Response: 8490184
Conc: 3.30 ng/ml



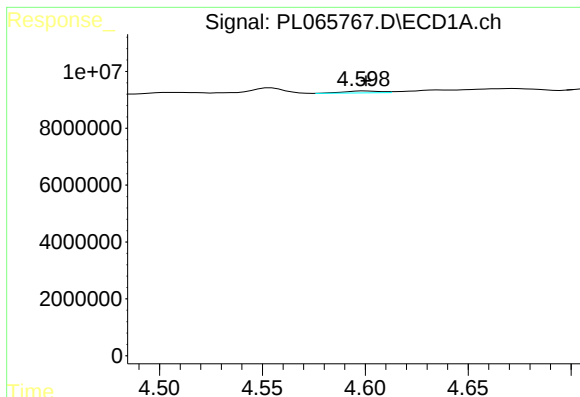
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.114 min
Response: 0
Conc: N.D.



#23 Chlordane-1

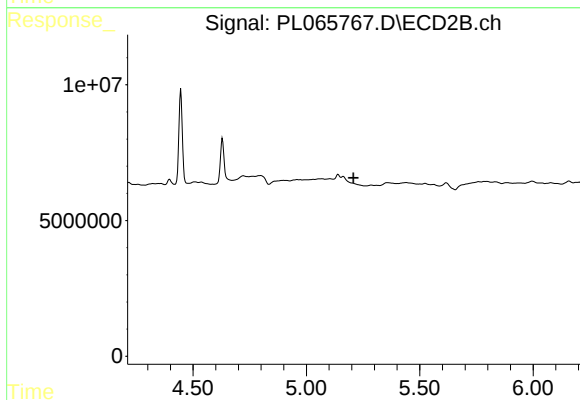
R.T.: 4.722 min
Delta R.T.: -0.023 min
Response: 307062
Conc: 2.78 ng/ml



#24 Chlordane-2

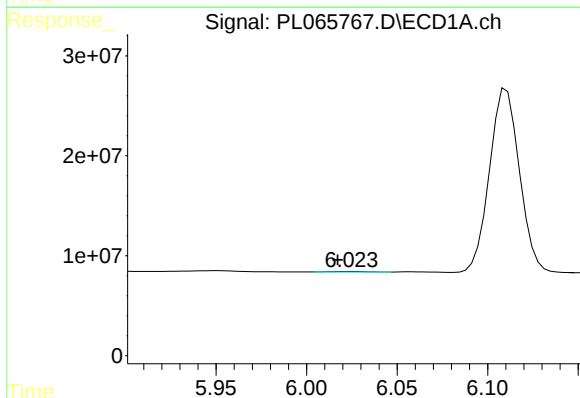
R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 833529
Conc: 7.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



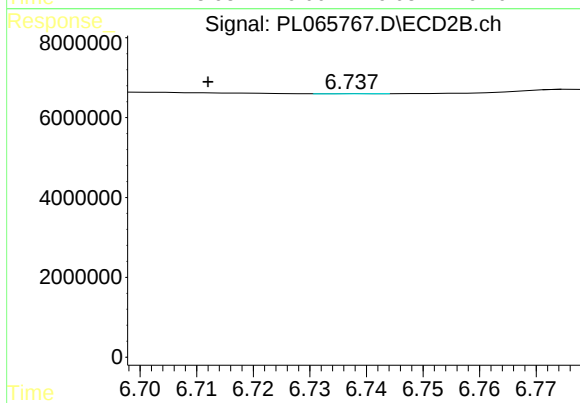
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



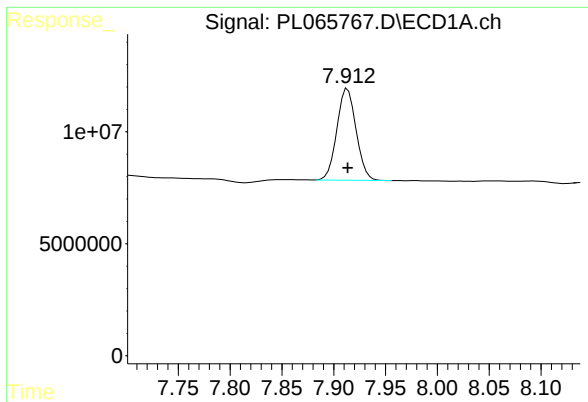
#27 Chlordane-5

R.T.: 6.025 min
Delta R.T.: 0.007 min
Response: 794864
Conc: 7.77 ng/ml



#27 Chlordane-5

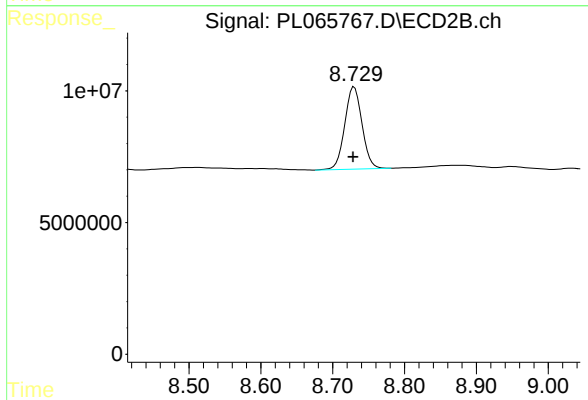
R.T.: 6.738 min
Delta R.T.: 0.026 min
Response: 97445
Conc: 1.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 52865760
Conc: 22.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 52049335
Conc: 23.09 ng/ml