

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062420\
 Data File : PL059478.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2020 18:52
 Operator : AJ\MA
 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: Jun 24 19:03:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062220.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 22 14:09:48 2020
 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...	3.518	4.072	36854852	53703630	20.508	20.807
28)	SA Decachlor...	8.290	9.185	34485241	46869774	20.252	20.471
Target Compounds							
2)	A alpha-BHC	3.960	4.465	24336018	34920011	9.429	10.251
3)	MA gamma-BHC...	4.245	4.752	20925079	32250114	9.175	10.304
4)	MA Heptachlor	0.000	5.265	0	425817	N.D.	0.131 #
5)	MB Aldrin	4.790	5.591f	159790	243231	0.090	0.079
6)	B beta-BHC	4.494	4.921	10259743	15374056	10.774	11.304
7)	B delta-BHC	0.000	5.112f	0	1310103	N.D.	0.471 #
8)	B Heptachlo...	0.000	5.986f	0	379487	N.D.	0.151 #
11)	B alpha-Chl...	0.000	6.285f	0	332210	N.D.	0.113 #
12)	B 4,4'-DDE	5.694	6.426	288548	519777	0.199	0.192
13)	MA Dieldrin	0.000	6.589	0	199012	N.D.	0.071 #
14)	MA Endrin	6.086	6.799	74424802	117.1E6	48.983	47.389
15)	B Endosulfa...	0.000	7.008	0	2078460	N.D.	0.820 #
16)	A 4,4'-DDD	6.210	6.917	1486597	3514997	1.139	1.580 #
17)	MA 4,4'-DDT	6.452	7.218	141.3E6	224.0E6	107.191	98.568
18)	B Endrin al...	6.526	7.131	1002679	950108	0.759	0.433 #
19)	B Endosulfa...	0.000	7.377f	0	403960	N.D.	0.167 #
20)	A Methoxychlor	6.997	7.674	196.0E6	298.0E6	241.809	224.469
21)	B Endrin ke...	7.230	7.828	3262625	3812811	1.871	1.476
22)	Mirex	7.415	8.304f	350337	215550	0.248	0.109 #
23)	Chlordane-1	4.425f	0.000	600337	0	10.550	N.D. #
24)	Chlordane-2	0.000	5.532	0	204469	N.D.	1.863 #
26)	Chlordane-4	0.000	6.285	0	332210	N.D.	0.699 #

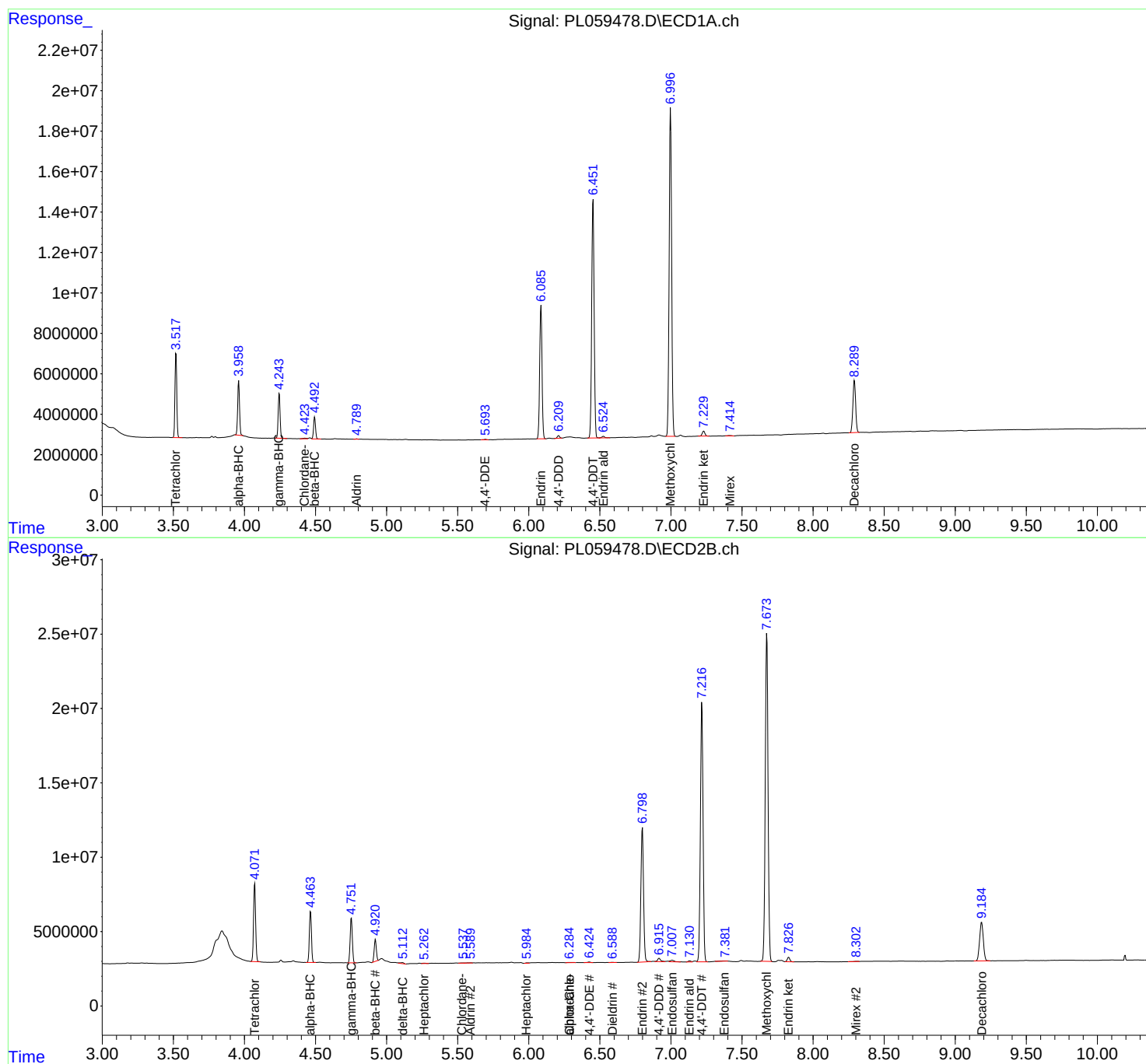
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

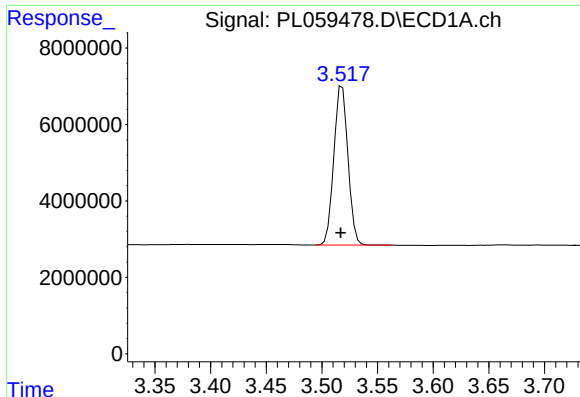
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062420\
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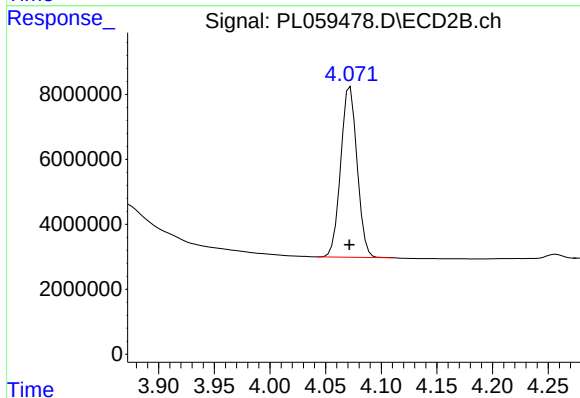




#1 Tetrachloro-m-xylene

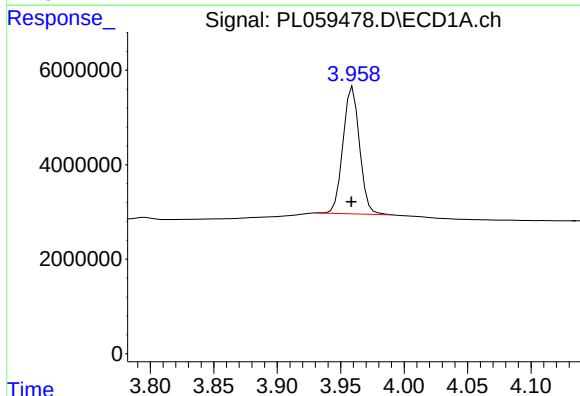
R.T.: 3.518 min
Delta R.T.: 0.001 min
Response: 36854852
Conc: 20.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



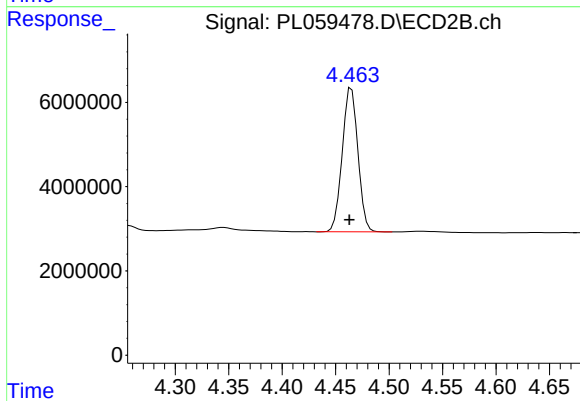
#1 Tetrachloro-m-xylene

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 53703630
Conc: 20.81 ng/ml



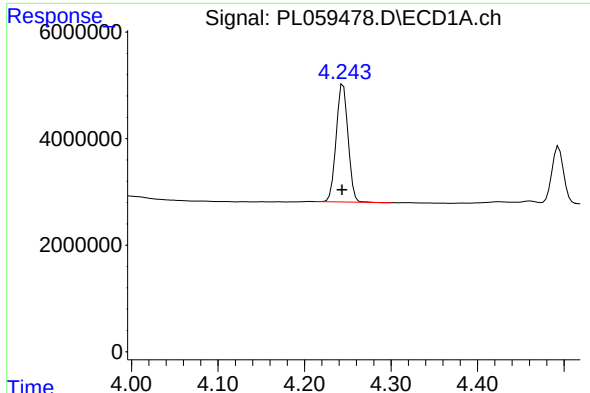
#2 alpha-BHC

R.T.: 3.960 min
Delta R.T.: 0.001 min
Response: 24336018
Conc: 9.43 ng/ml



#2 alpha-BHC

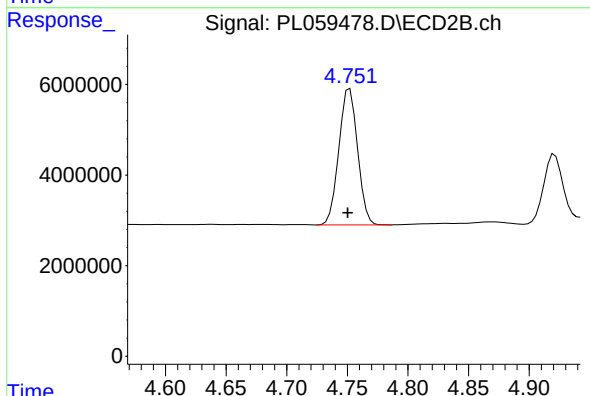
R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 34920011
Conc: 10.25 ng/ml



#3 gamma-BHC (Lindane)

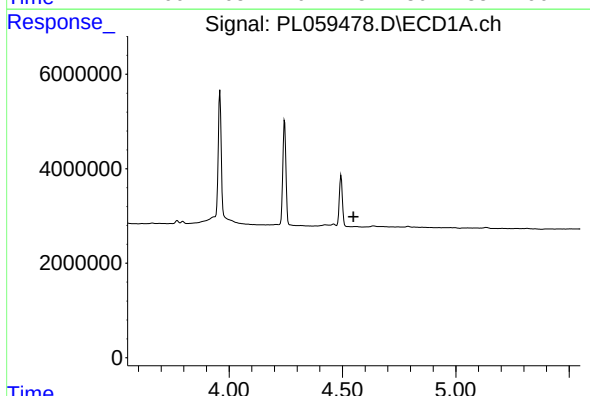
R.T.: 4.245 min
Delta R.T.: 0.001 min
Response: 20925079
Conc: 9.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



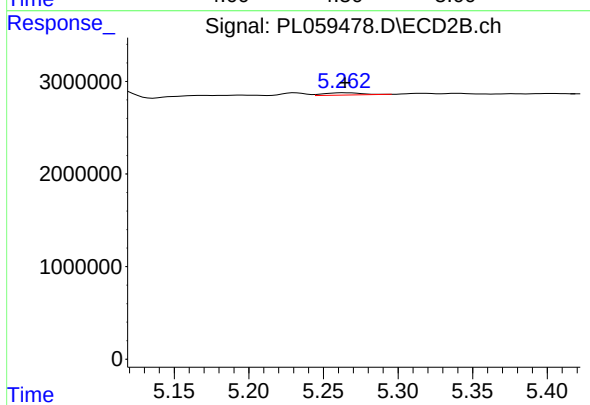
#3 gamma-BHC (Lindane)

R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 32250114
Conc: 10.30 ng/ml



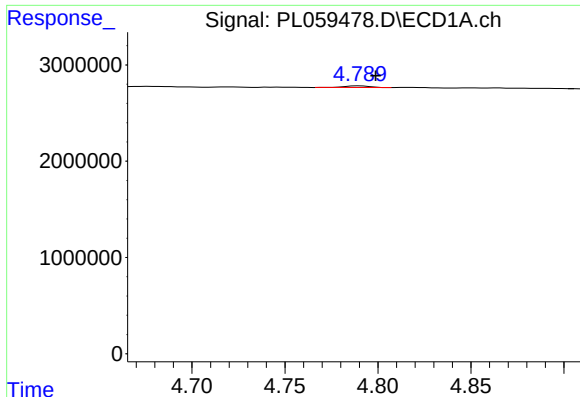
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.549 min
Response: 0
Conc: N.D.



#4 Heptachlor

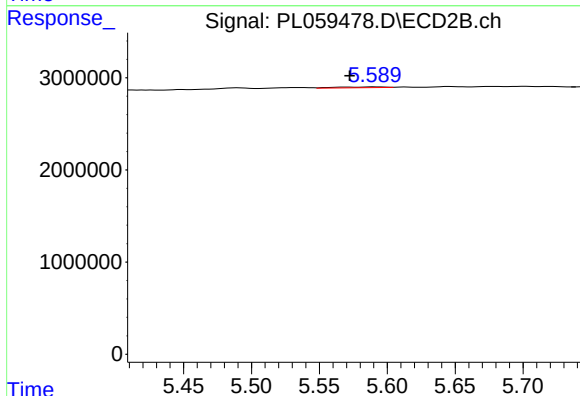
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 425817
Conc: 0.13 ng/ml



#5 Aldrin

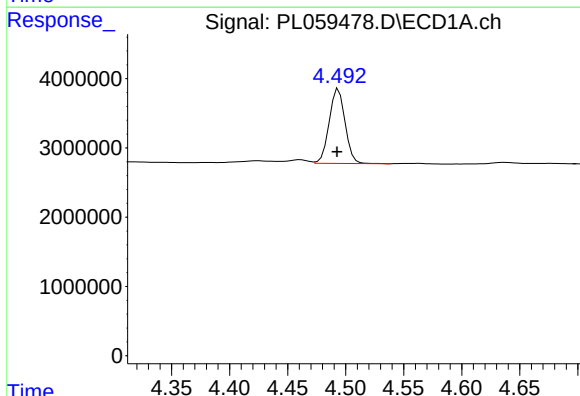
R.T.: 4.790 min
Delta R.T.: -0.009 min
Response: 159790
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



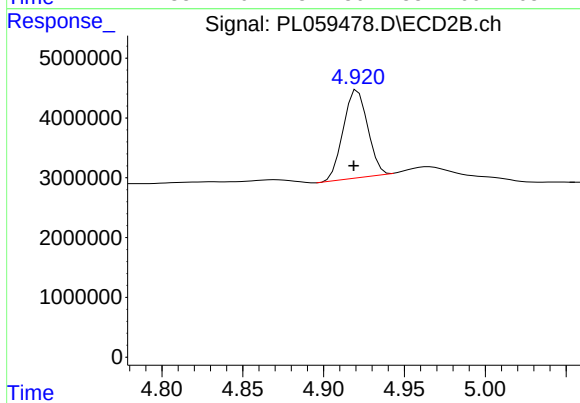
#5 Aldrin

R.T.: 5.591 min
Delta R.T.: 0.018 min
Response: 243231
Conc: 0.08 ng/ml



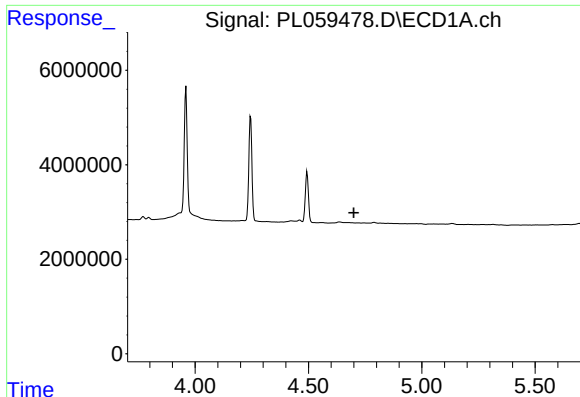
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: 0.001 min
Response: 10259743
Conc: 10.77 ng/ml



#6 beta-BHC

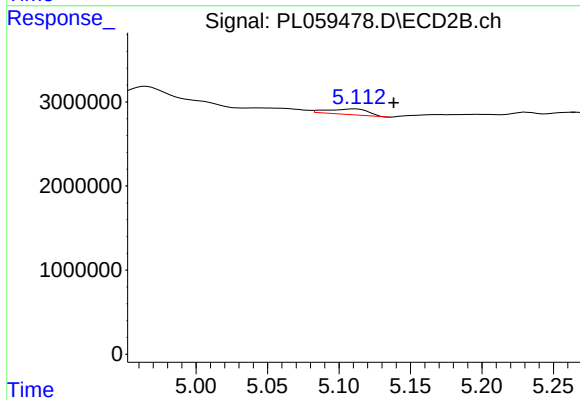
R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 15374056
Conc: 11.30 ng/ml



#7 delta-BHC

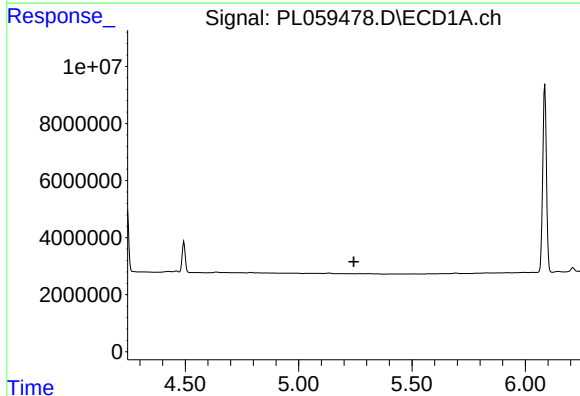
R.T.: 0.000 min
Exp R.T.: 4.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



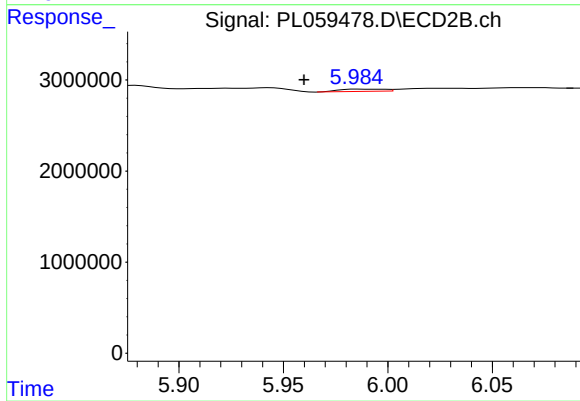
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: -0.027 min
Response: 1310103
Conc: 0.47 ng/ml



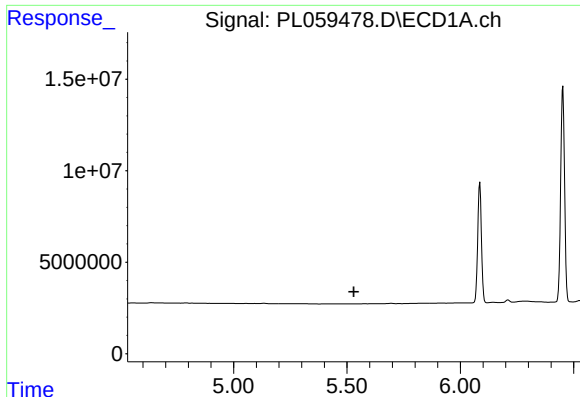
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

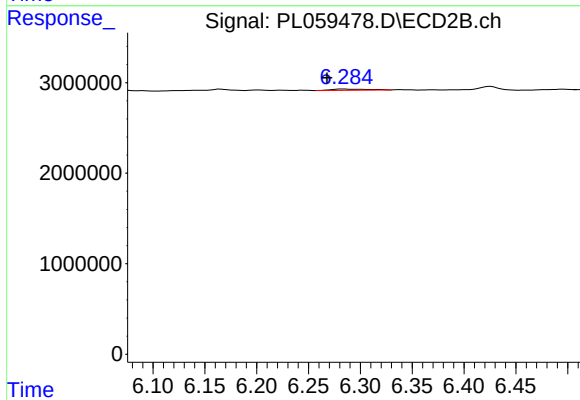
R.T.: 5.986 min
Delta R.T.: 0.026 min
Response: 379487
Conc: 0.15 ng/ml



#11 alpha-Chlordane

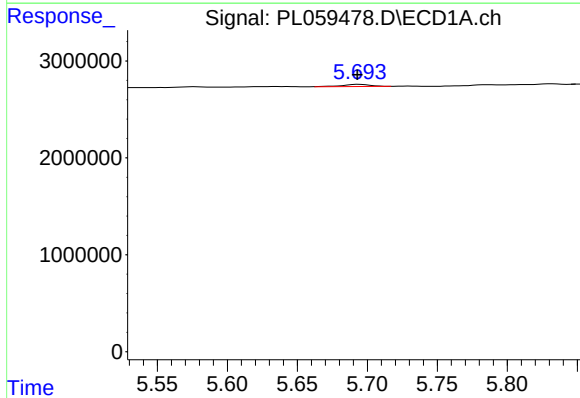
R.T.: 0.000 min
Exp R.T.: 5.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



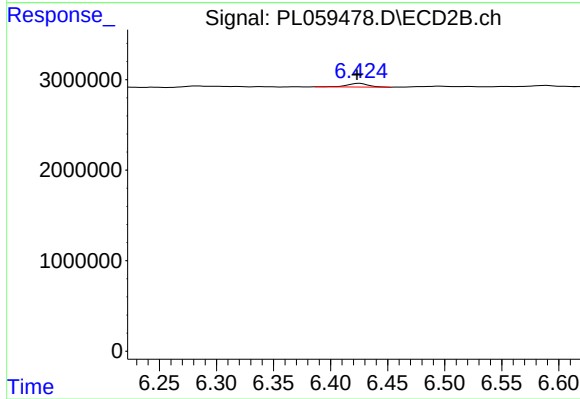
#11 alpha-Chlordane

R.T.: 6.285 min
Delta R.T.: 0.017 min
Response: 332210
Conc: 0.11 ng/ml



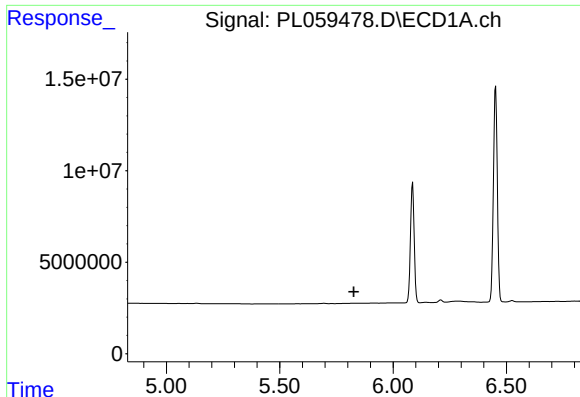
#12 4,4'-DDE

R.T.: 5.694 min
Delta R.T.: 0.001 min
Response: 288548
Conc: 0.20 ng/ml



#12 4,4'-DDE

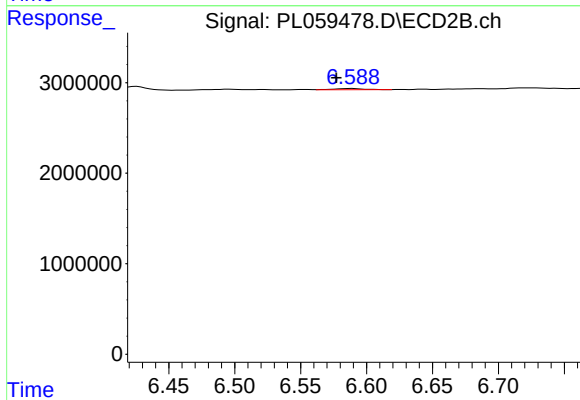
R.T.: 6.426 min
Delta R.T.: 0.003 min
Response: 519777
Conc: 0.19 ng/ml



#13 Dieldrin

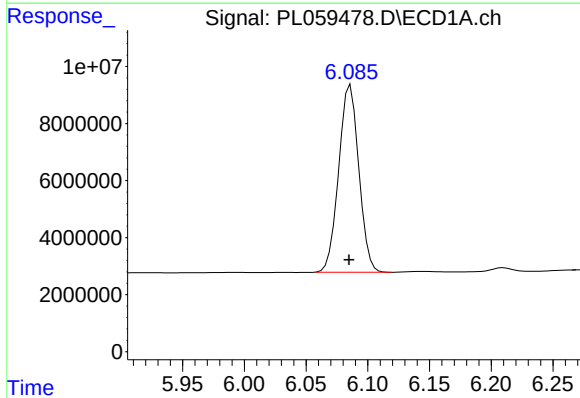
R.T.: 0.000 min
Exp R.T.: 5.827 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



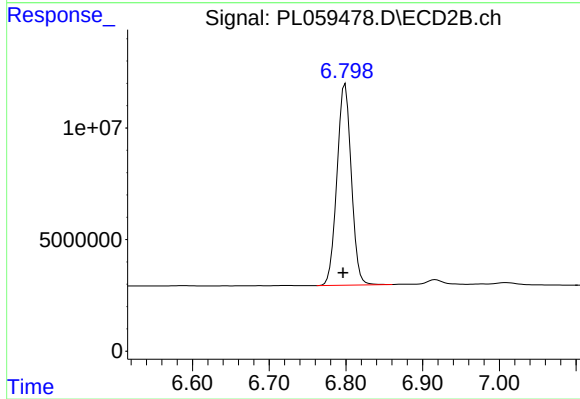
#13 Dieldrin

R.T.: 6.589 min
Delta R.T.: 0.012 min
Response: 199012
Conc: 0.07 ng/ml



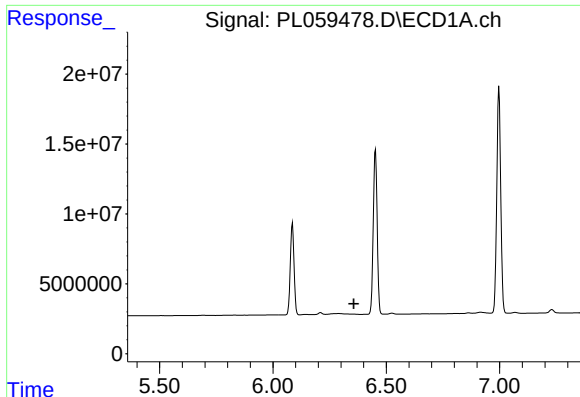
#14 Endrin

R.T.: 6.086 min
Delta R.T.: 0.001 min
Response: 74424802
Conc: 48.98 ng/ml



#14 Endrin

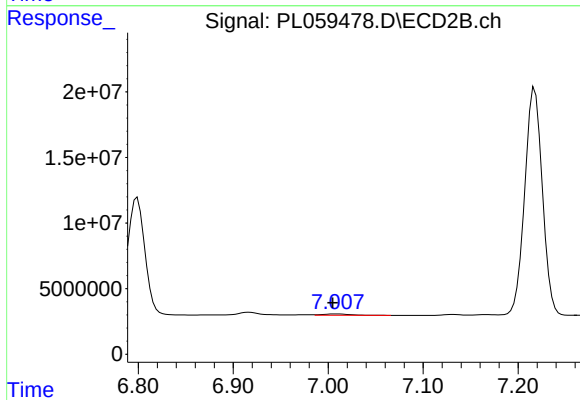
R.T.: 6.799 min
Delta R.T.: 0.003 min
Response: 117062995
Conc: 47.39 ng/ml



#15 Endosulfan II

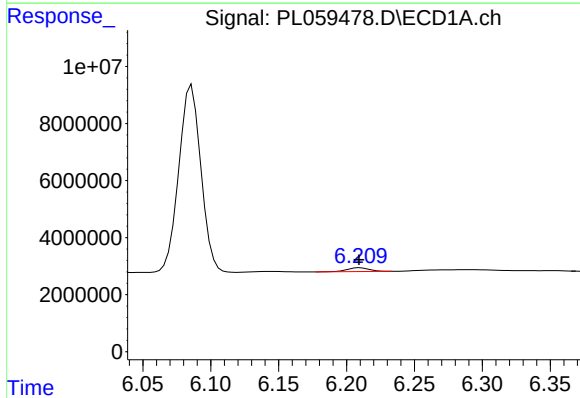
R.T.: 0.000 min
Exp R.T.: 6.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



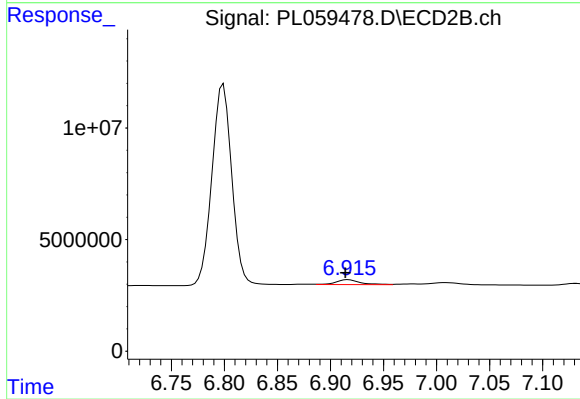
#15 Endosulfan II

R.T.: 7.008 min
Delta R.T.: 0.004 min
Response: 2078460
Conc: 0.82 ng/ml



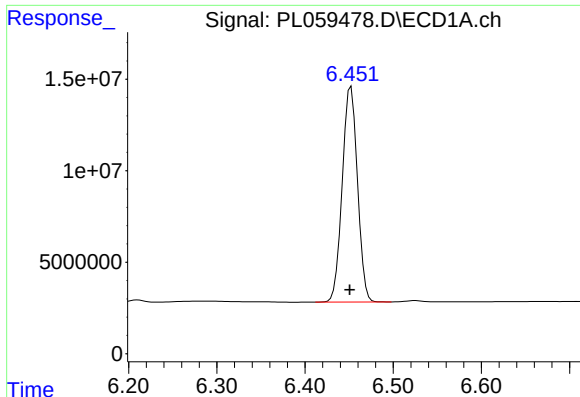
#16 4,4'-DDD

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 1486597
Conc: 1.14 ng/ml



#16 4,4'-DDD

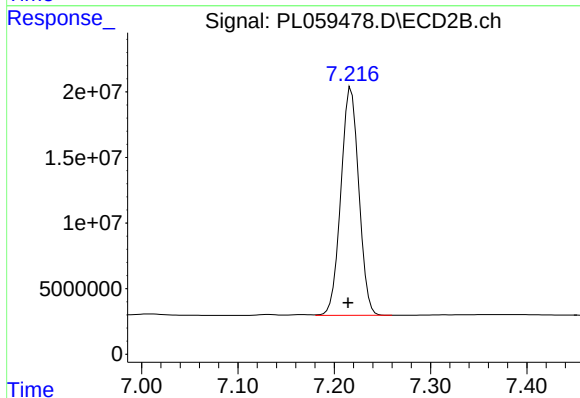
R.T.: 6.917 min
Delta R.T.: 0.003 min
Response: 3514997
Conc: 1.58 ng/ml



#17 4,4'-DDT

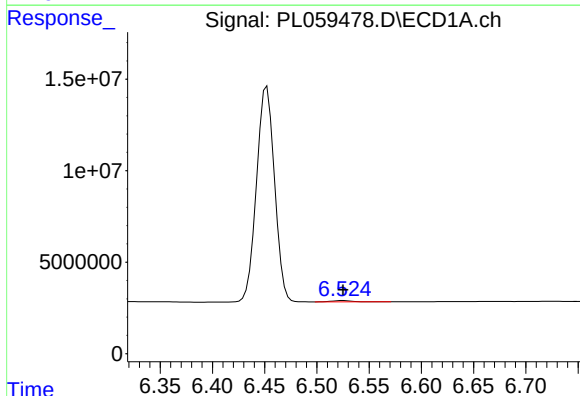
R.T.: 6.452 min
Delta R.T.: 0.001 min
Response: 141335882
Conc: 107.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



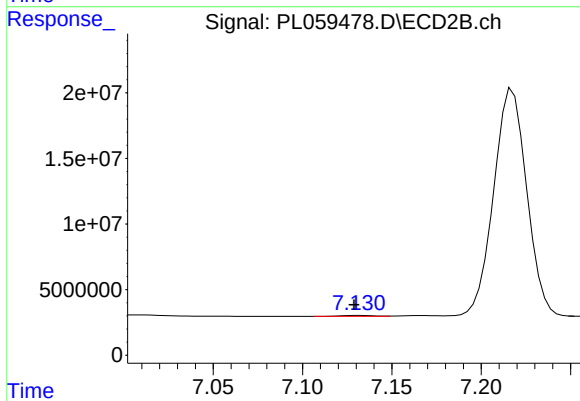
#17 4,4'-DDT

R.T.: 7.218 min
Delta R.T.: 0.003 min
Response: 224047262
Conc: 98.57 ng/ml



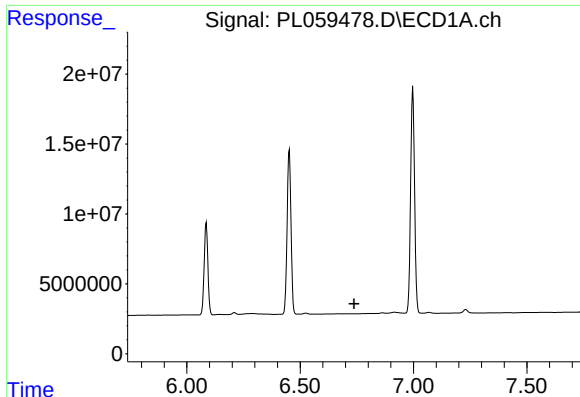
#18 Endrin aldehyde

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1002679
Conc: 0.76 ng/ml



#18 Endrin aldehyde

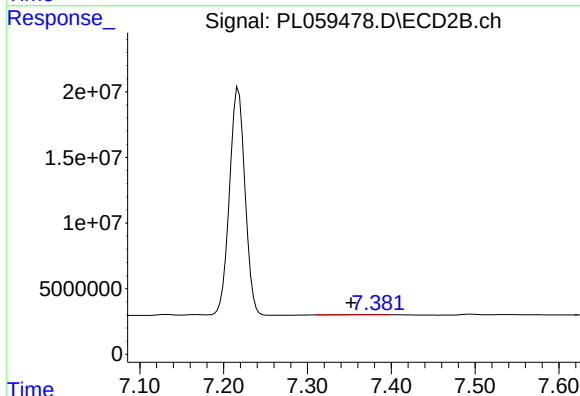
R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 950108
Conc: 0.43 ng/ml



#19 Endosulfan Sulfate

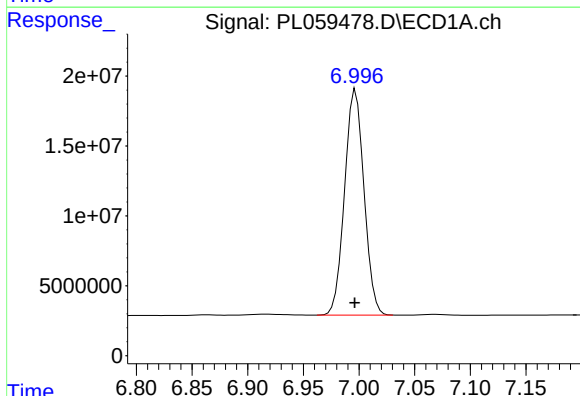
R.T.: 0.000 min
Exp R.T.: 6.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



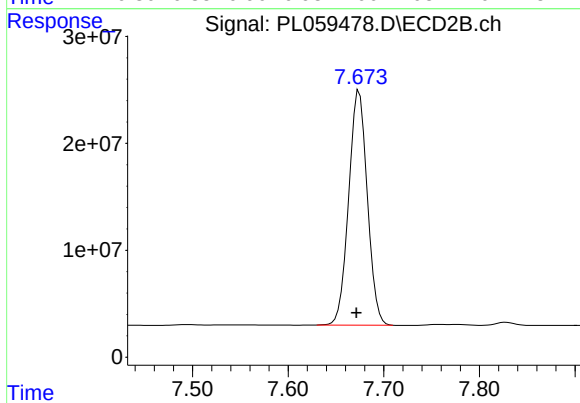
#19 Endosulfan Sulfate

R.T.: 7.377 min
Delta R.T.: 0.025 min
Response: 403960
Conc: 0.17 ng/ml



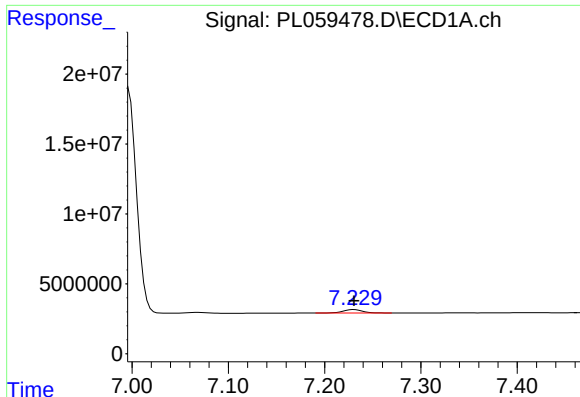
#20 Methoxychlor

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 195971061
Conc: 241.81 ng/ml



#20 Methoxychlor

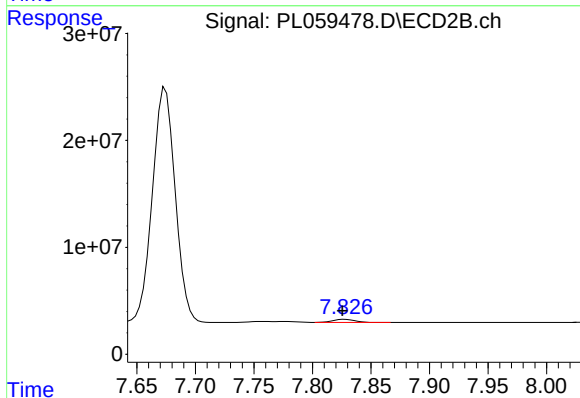
R.T.: 7.674 min
Delta R.T.: 0.003 min
Response: 297974440
Conc: 224.47 ng/ml



#21 Endrin ketone

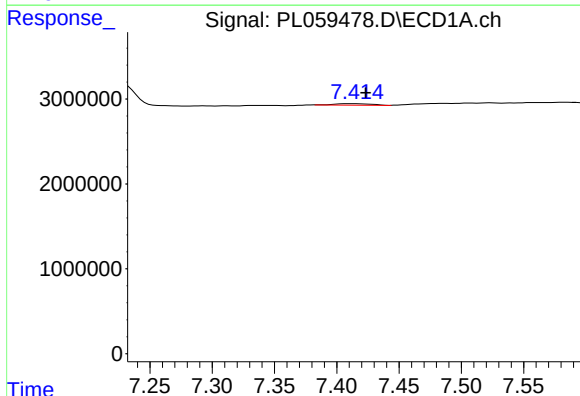
R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 3262625
Conc: 1.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



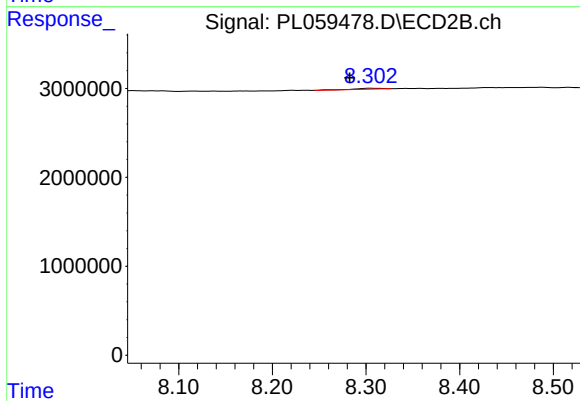
#21 Endrin ketone

R.T.: 7.828 min
Delta R.T.: 0.002 min
Response: 3812811
Conc: 1.48 ng/ml



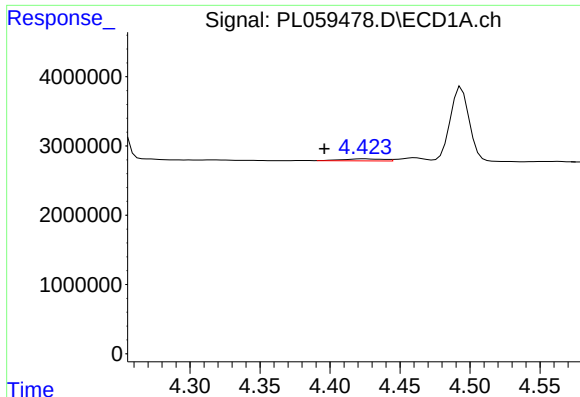
#22 Mirex

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 350337
Conc: 0.25 ng/ml



#22 Mirex

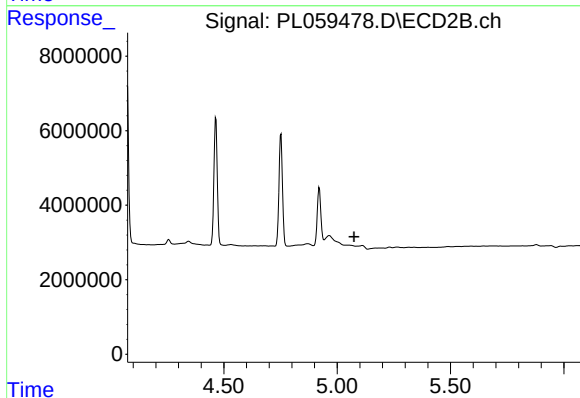
R.T.: 8.304 min
Delta R.T.: 0.022 min
Response: 215550
Conc: 0.11 ng/ml



#23 Chlordane-1

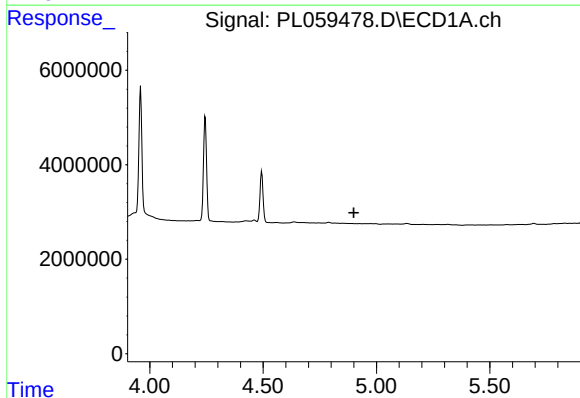
R.T.: 4.425 min
Delta R.T.: 0.029 min
Response: 600337
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



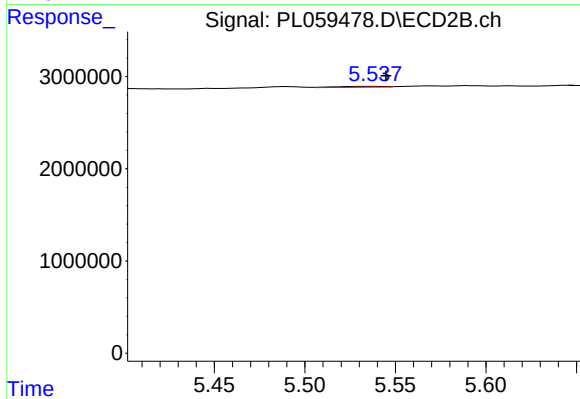
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.075 min
Response: 0
Conc: N.D.



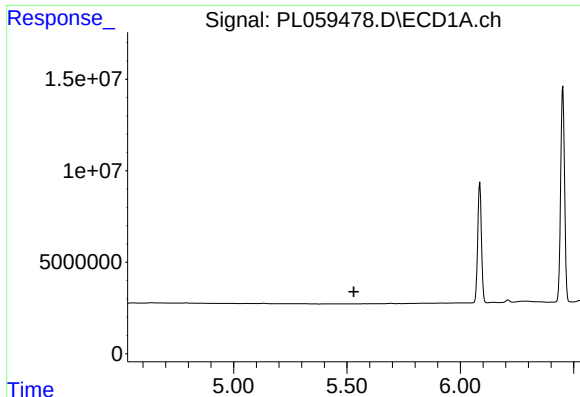
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.900 min
Response: 0
Conc: N.D.



#24 Chlordane-2

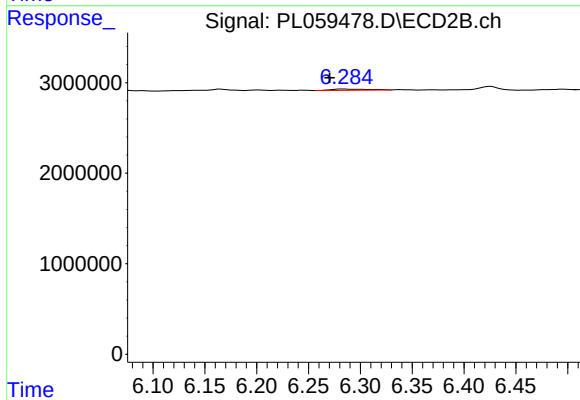
R.T.: 5.532 min
Delta R.T.: -0.013 min
Response: 204469
Conc: 1.86 ng/ml



#26 Chlordane-4

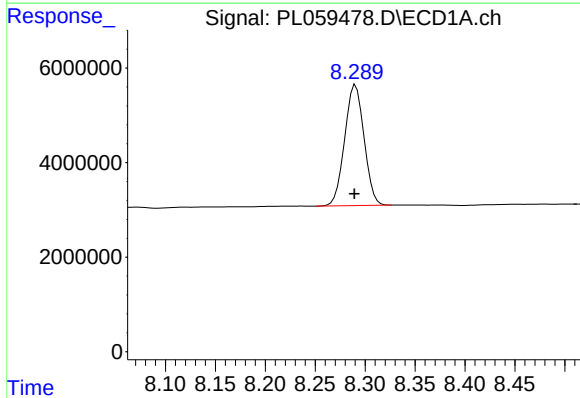
R.T.: 0.000 min
Exp R.T.: 5.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



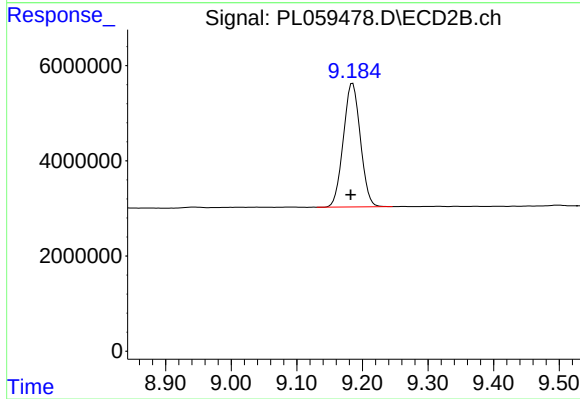
#26 Chlordane-4

R.T.: 6.285 min
Delta R.T.: 0.014 min
Response: 332210
Conc: 0.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.290 min
Delta R.T.: 0.001 min
Response: 34485241
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.185 min
Delta R.T.: 0.003 min
Response: 46869774
Conc: 20.47 ng/ml