

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061723\
 Data File : PL083533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2023 11:20
 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: Jun 17 12:38:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.451	2.752	49071026	51708621	22.201	22.199
28)	SA Decachlor...	8.991	7.963	47044534	55104367	24.688	22.436
Target Compounds							
2)	A alpha-BHC	3.908	3.262	32919077	34736725	10.573	10.291
3)	MA gamma-BHC...	4.241	3.596	31394409	33499059	11.013	10.434
4)	MA Heptachlor	0.000	3.966f	0	20931	N.D.	0.007 #
5)	MB Aldrin	0.000	4.235	0	117977	N.D.	0.039 #
6)	B beta-BHC	4.440	3.897	15202888	17450184	11.751	11.693
8)	B Heptachlo...	5.603	0.000	7301971	0	2.877	N.D. #
9)	A Endosulfan I	5.984	5.127f	436853	985445	0.196	0.366 #
10)	B gamma-Chl...	5.842f	5.004	144746	1355610	0.060	0.458 #
11)	B alpha-Chl...	0.000	5.053	0	631214	N.D.	0.213 #
12)	B 4,4'-DDE	6.120	5.252	801134	476978	0.397	0.187 #
13)	MA Dieldrin	0.000	5.392f	0	1797864	N.D.	0.641 #
14)	MA Endrin	6.496	5.652	94863476	122.3E6	53.751	53.002
15)	B Endosulfa...	6.704	5.979f	65958	1902519	0.035	0.802 #
16)	A 4,4'-DDD	6.639	5.810	6110826	7025947	3.579	3.186
17)	MA 4,4'-DDT	6.955	6.065	200.2E6	247.2E6	118.933	118.405
18)	B Endrin al...	6.849	6.132	3735886	7469547	2.520	3.952 #
19)	B Endosulfa...	7.059f	6.355	292635	279600	0.152	0.115
20)	A Methoxychlor	7.436	6.650	272.2E6	320.7E6	300.042	266.140
21)	B Endrin ke...	7.568	6.863	10044053	13574774	4.688	4.828
22)	Mirex	0.000	7.037	0	157893	N.D.	0.066 #
23)	Chlordane-1	0.000	3.765	0	33732	N.D.	0.344 #
24)	Chlordane-2	0.000	4.362	0	2268030	N.D.	18.861 #
25)	Chlordane-3	5.842f	5.004	144746	1355610	0.379	4.137 #
26)	Chlordane-4	0.000	5.053	0	631214	N.D.	1.873 #
27)	Chlordane-5	0.000	5.979f	0	1902519	N.D.	17.112 #

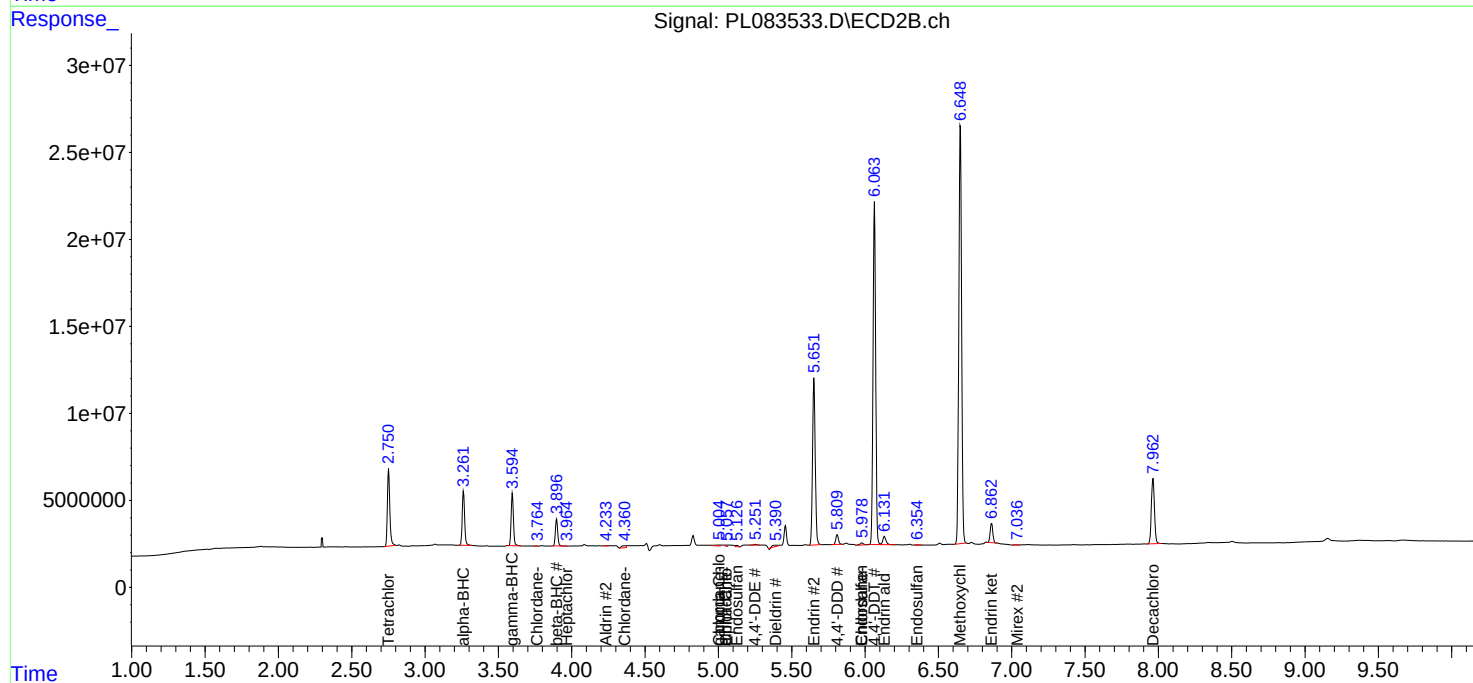
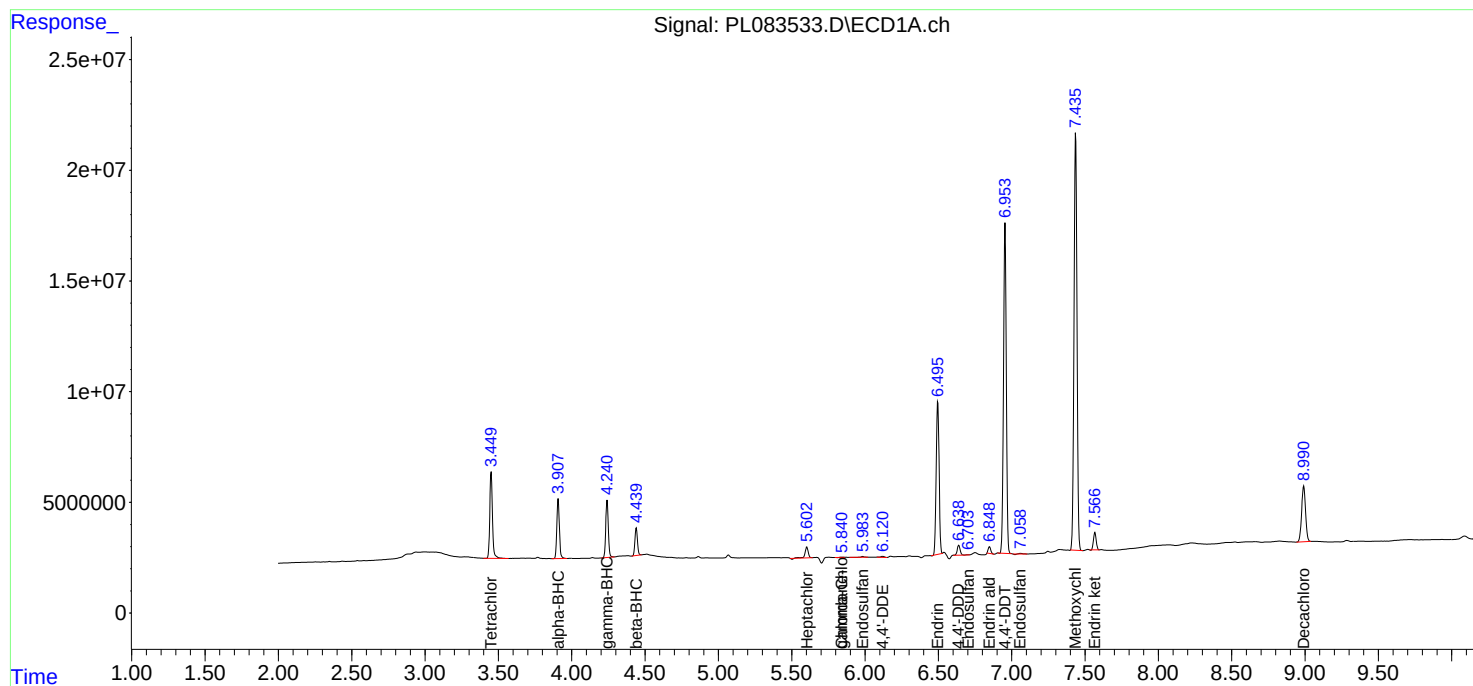
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

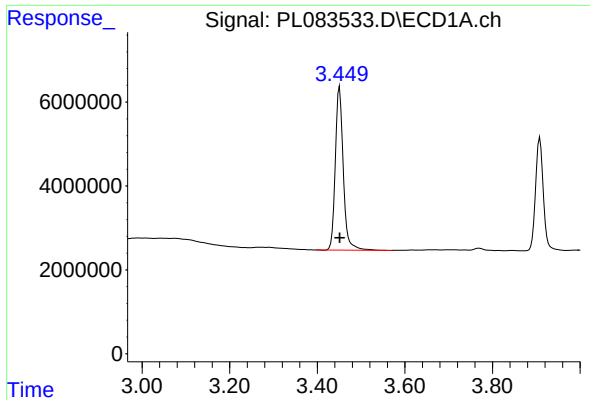
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061723\
Data File : PL083533.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2023 11:20
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 12:38:17 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 2023
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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

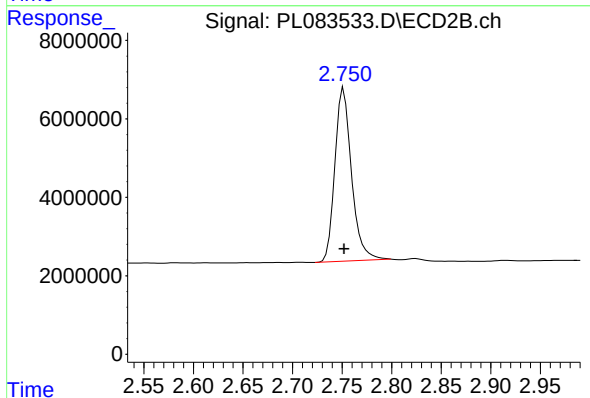




#1 Tetrachloro-m-xylene

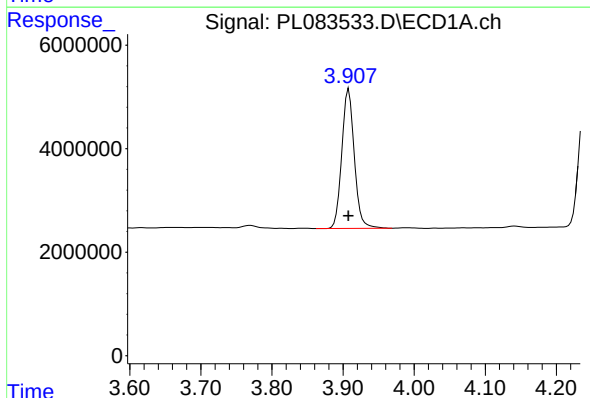
R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 49071026
Conc: 22.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



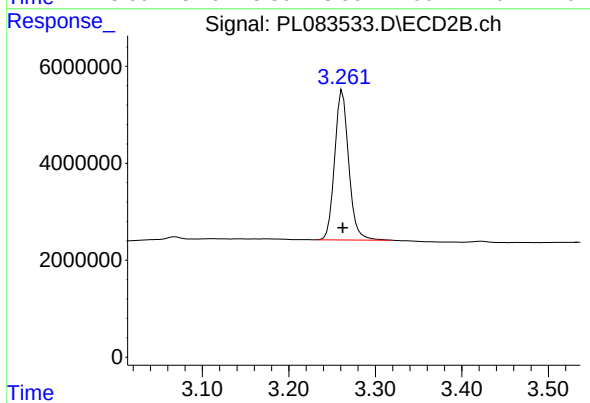
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 51708621
Conc: 22.20 ng/ml



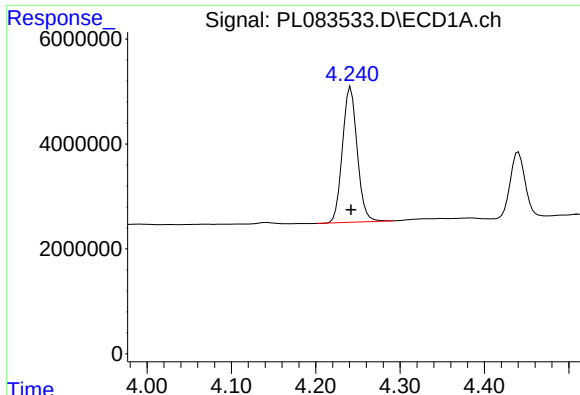
#2 alpha-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 32919077
Conc: 10.57 ng/ml



#2 alpha-BHC

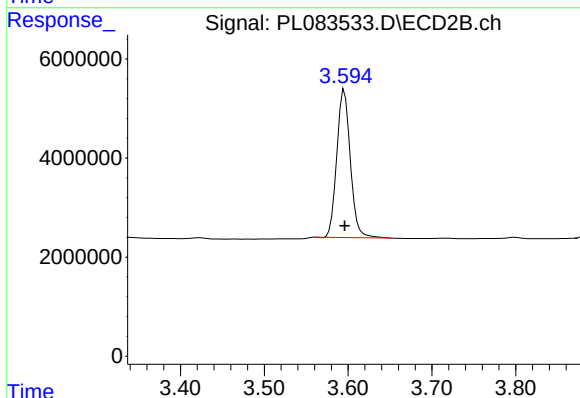
R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 34736725
Conc: 10.29 ng/ml



#3 gamma-BHC (Lindane)

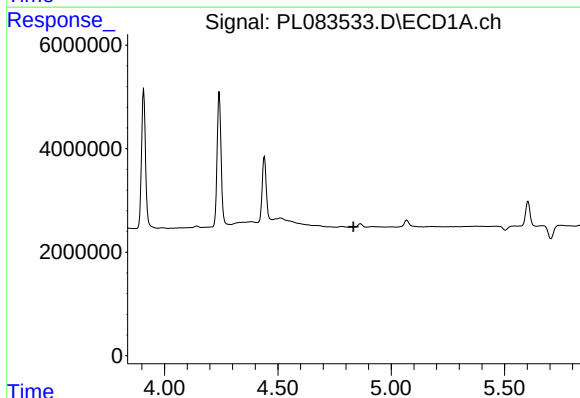
R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 31394409
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



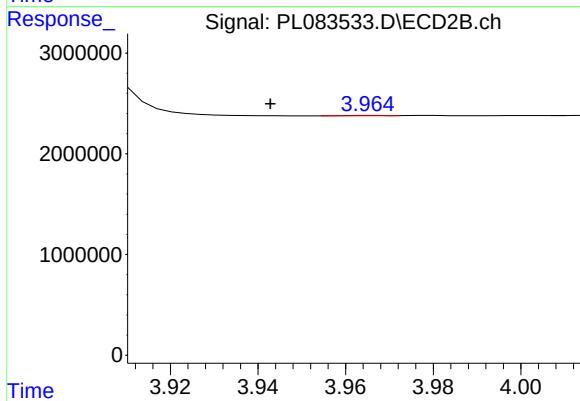
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 33499059
Conc: 10.43 ng/ml



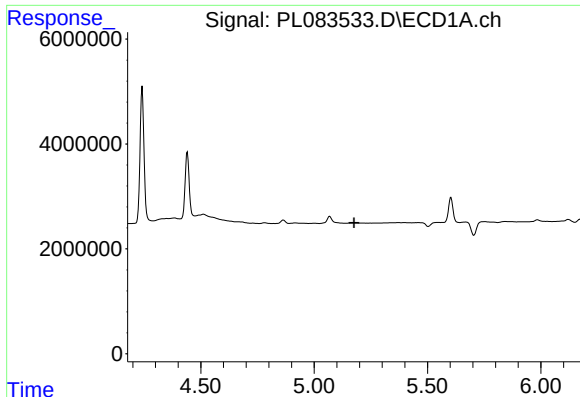
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#4 Heptachlor

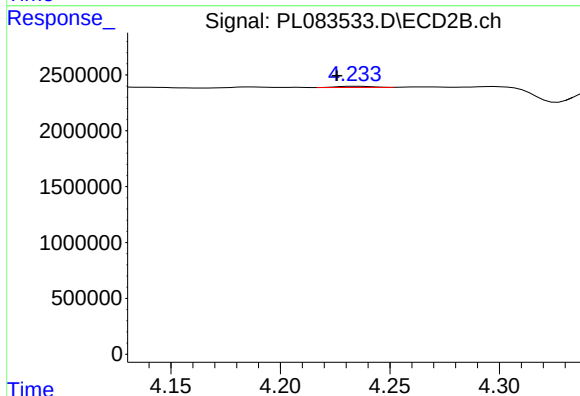
R.T.: 3.966 min
Delta R.T.: 0.023 min
Response: 20931
Conc: 0.01 ng/ml



#5 Aldrin

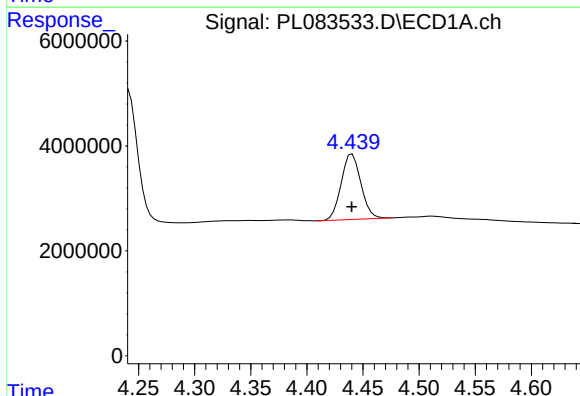
R.T.: 0.000 min
Exp R.T.: 5.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



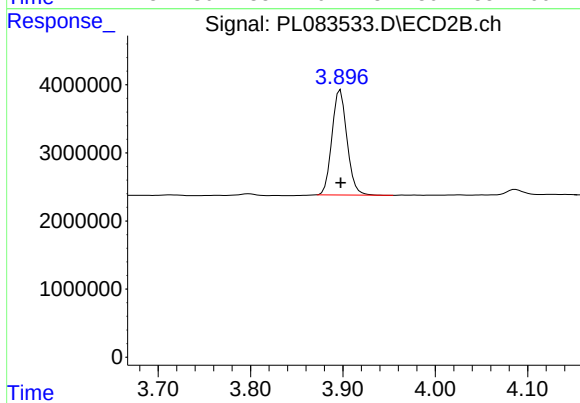
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.009 min
Response: 117977
Conc: 0.04 ng/ml



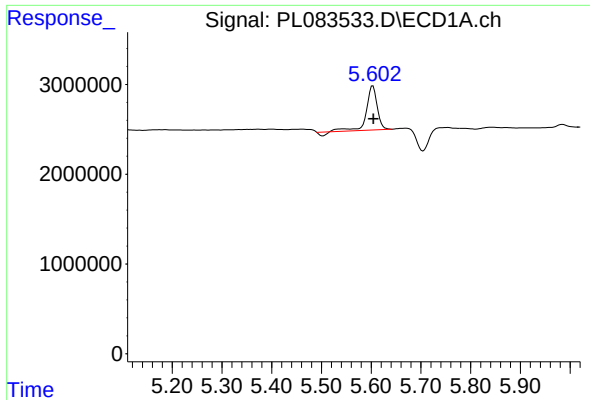
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 15202888
Conc: 11.75 ng/ml



#6 beta-BHC

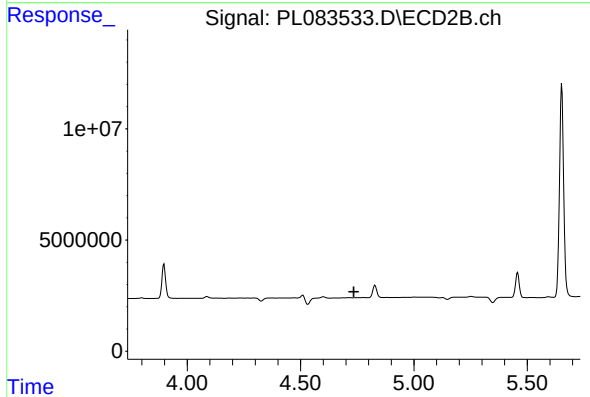
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 17450184
Conc: 11.69 ng/ml



#8 Heptachlor epoxide

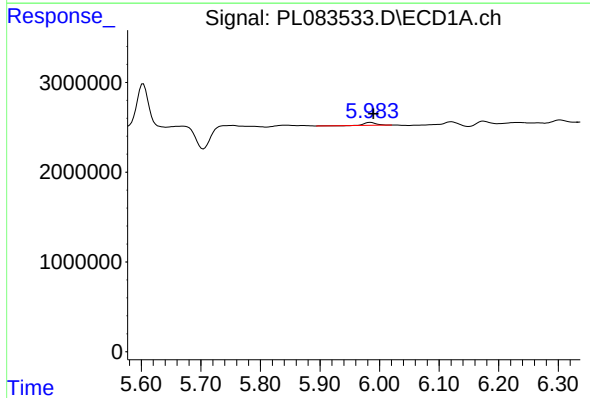
R.T.: 5.603 min
Delta R.T.: -0.001 min
Response: 7301971
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



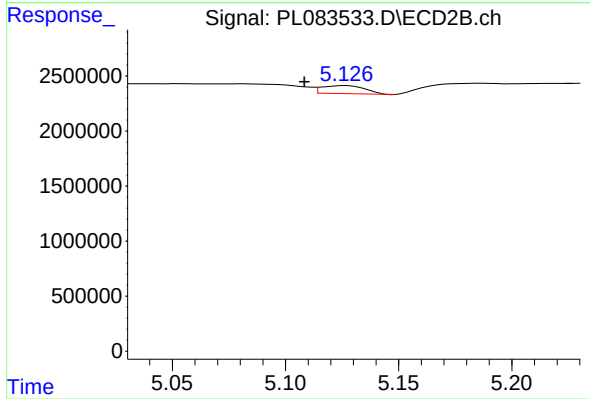
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.735 min
Response: 0
Conc: N.D.



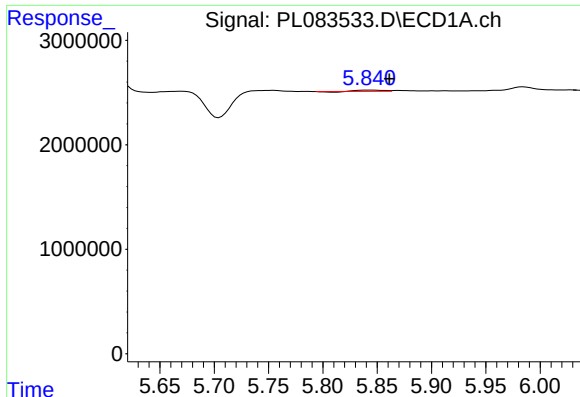
#9 Endosulfan I

R.T.: 5.984 min
Delta R.T.: -0.005 min
Response: 436853
Conc: 0.20 ng/ml



#9 Endosulfan I

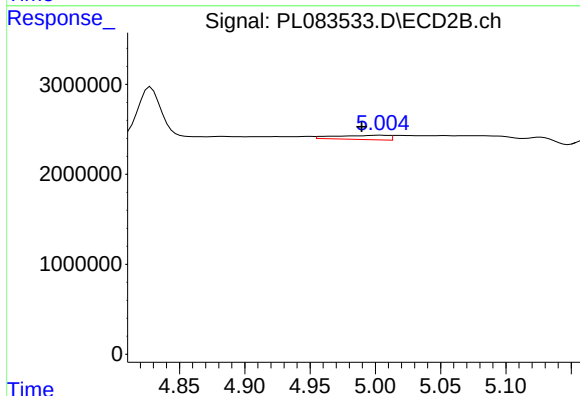
R.T.: 5.127 min
Delta R.T.: 0.018 min
Response: 985445
Conc: 0.37 ng/ml



#10 gamma-Chlordane

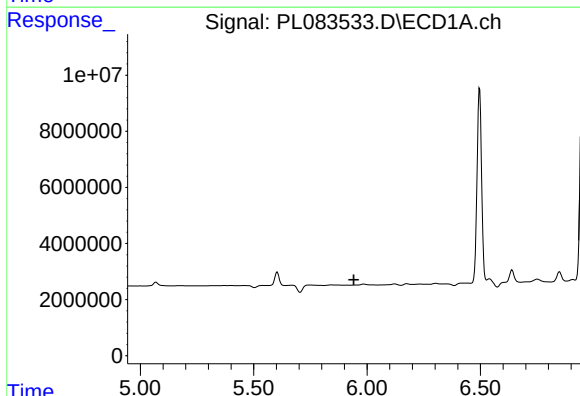
R.T.: 5.842 min
Delta R.T.: -0.019 min
Response: 144746
Conc: 0.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



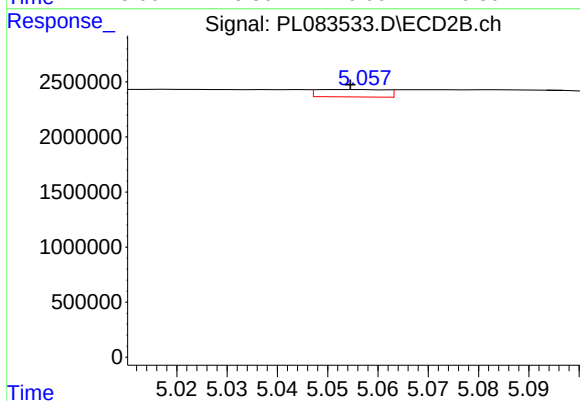
#10 gamma-Chlordane

R.T.: 5.004 min
Delta R.T.: 0.014 min
Response: 1355610
Conc: 0.46 ng/ml



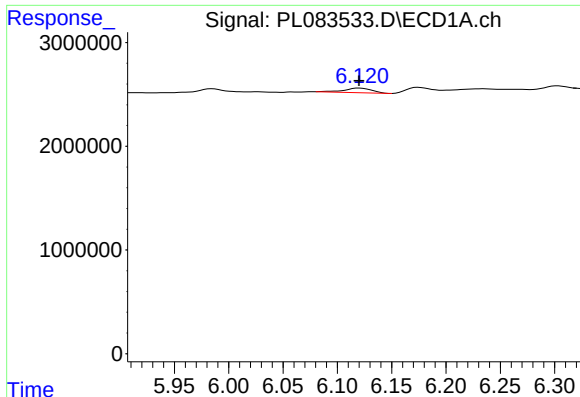
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

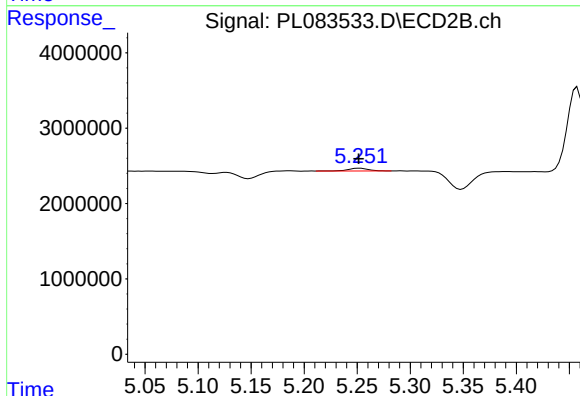
R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 631214
Conc: 0.21 ng/ml



#12 4,4'-DDE

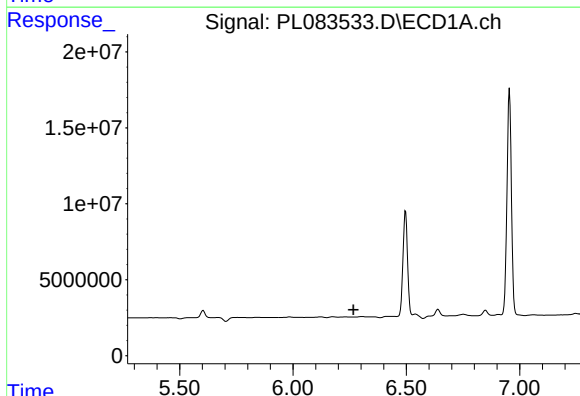
R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 801134
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



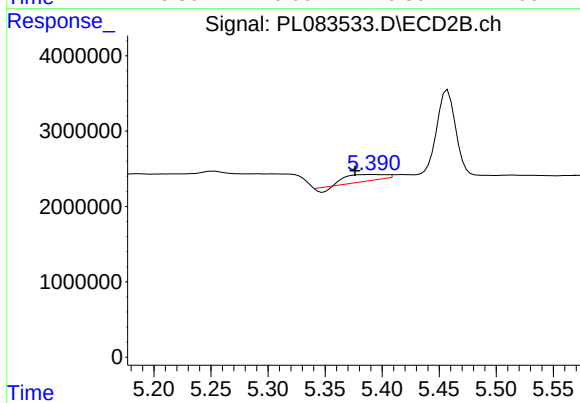
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 476978
Conc: 0.19 ng/ml



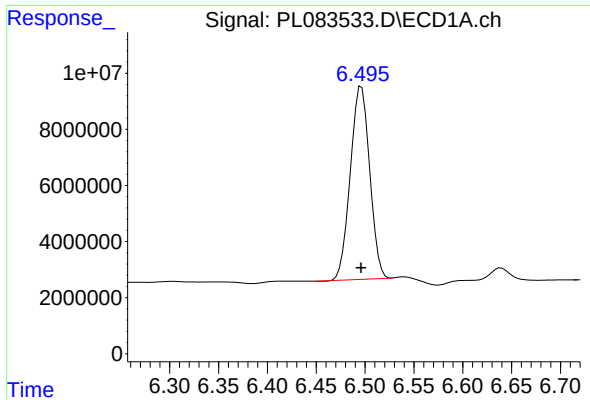
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.267 min
Response: 0
Conc: N.D.



#13 Dieldrin

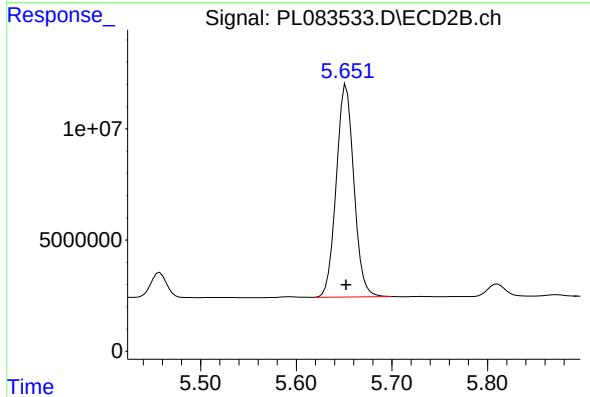
R.T.: 5.392 min
Delta R.T.: 0.015 min
Response: 1797864
Conc: 0.64 ng/ml



#14 Endrin

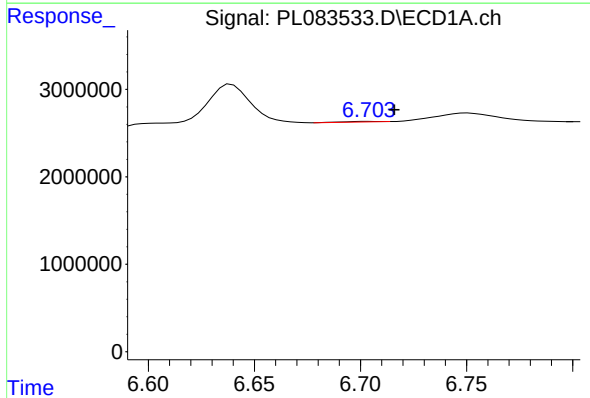
R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 94863476
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



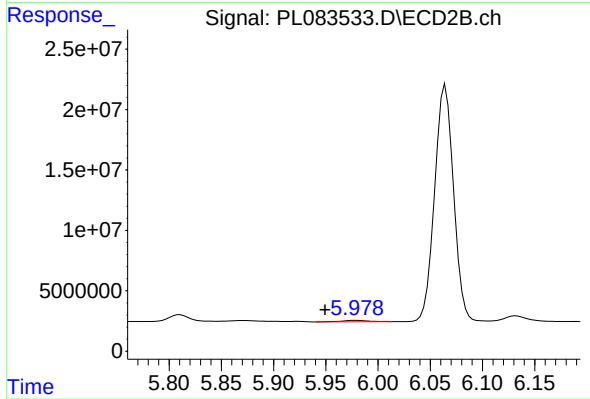
#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 122333747
Conc: 53.00 ng/ml



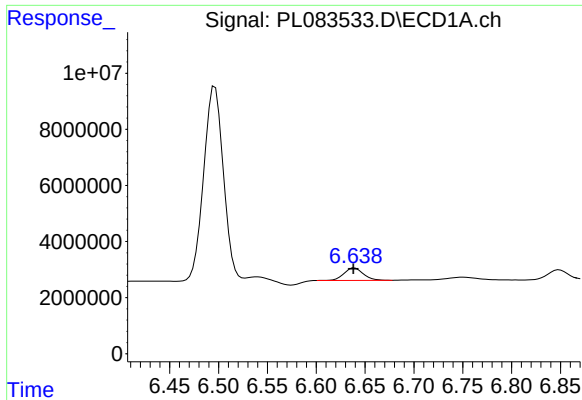
#15 Endosulfan II

R.T.: 6.704 min
Delta R.T.: -0.012 min
Response: 65958
Conc: 0.04 ng/ml



#15 Endosulfan II

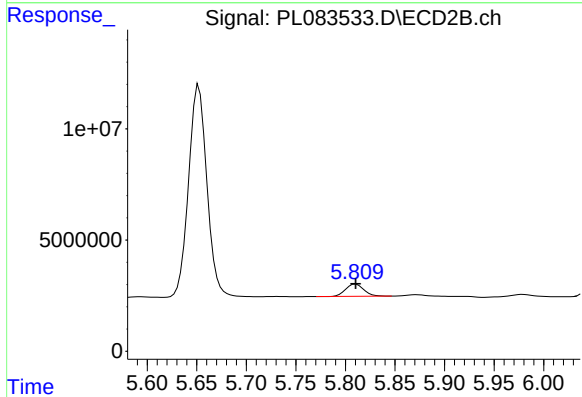
R.T.: 5.979 min
Delta R.T.: 0.030 min
Response: 1902519
Conc: 0.80 ng/ml



#16 4,4'-DDD

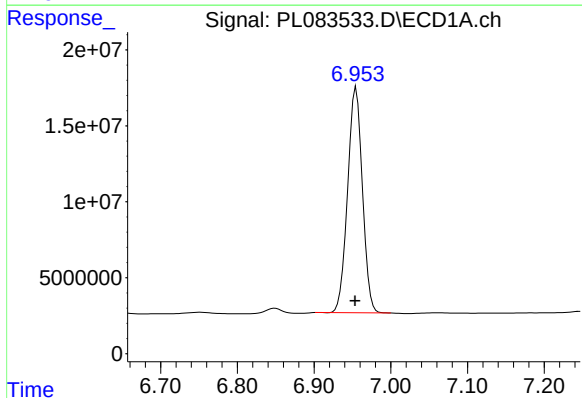
R.T.: 6.639 min
Delta R.T.: 0.001 min
Response: 6110826
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



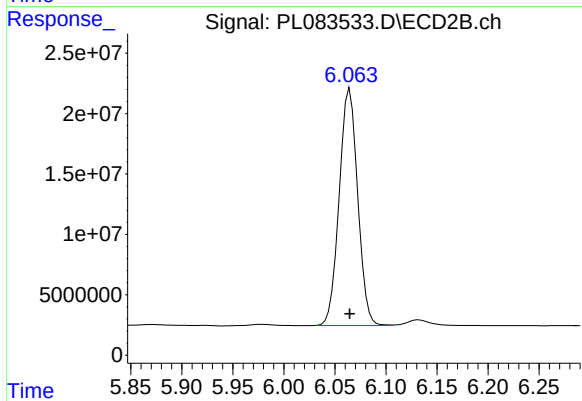
#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 7025947
Conc: 3.19 ng/ml



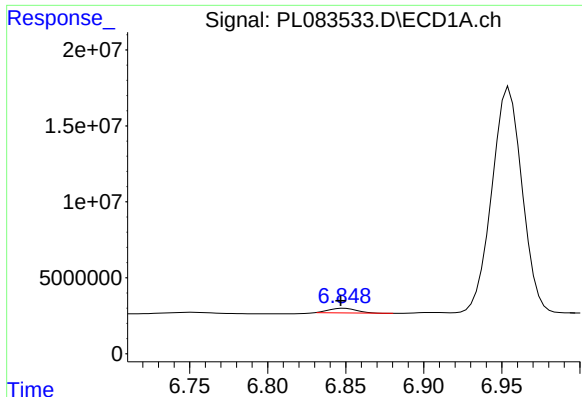
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.001 min
Response: 200243507
Conc: 118.93 ng/ml



#17 4,4'-DDT

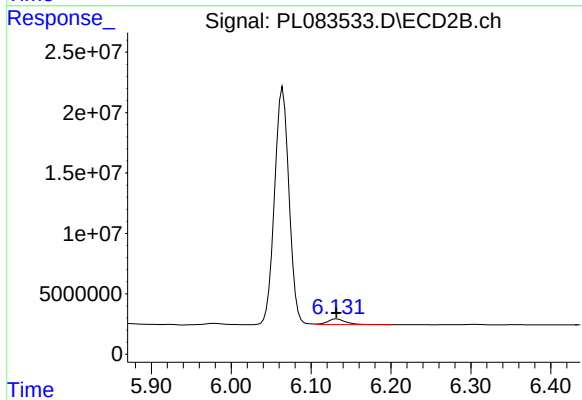
R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 247211684
Conc: 118.41 ng/ml



#18 Endrin aldehyde

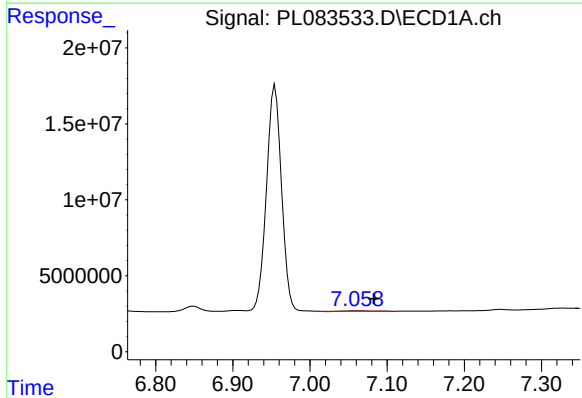
R.T.: 6.849 min
Delta R.T.: 0.002 min
Response: 3735886
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



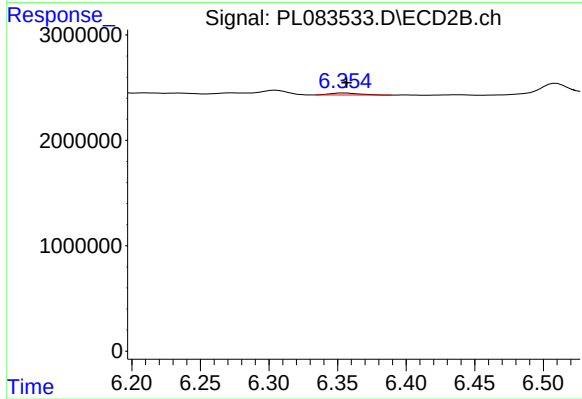
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 7469547
Conc: 3.95 ng/ml



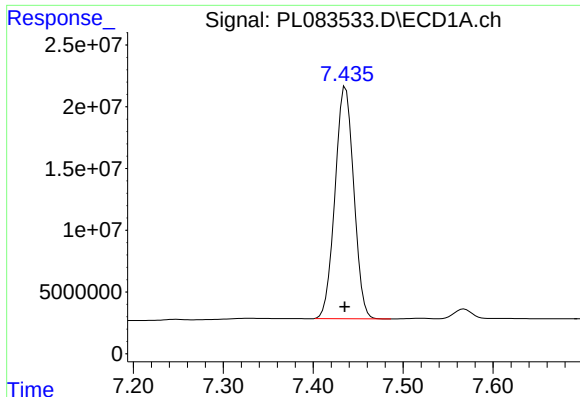
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.024 min
Response: 292635
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

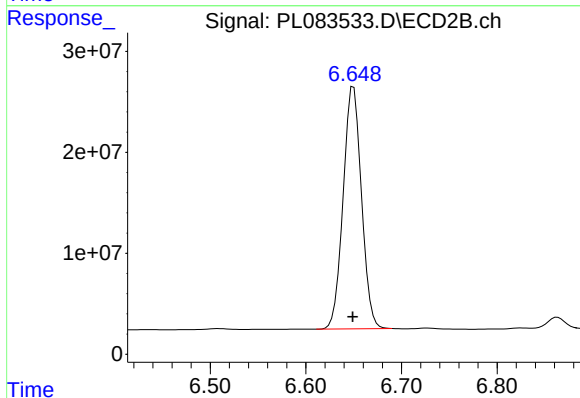
R.T.: 6.355 min
Delta R.T.: -0.002 min
Response: 279600
Conc: 0.12 ng/ml



#20 Methoxychlor

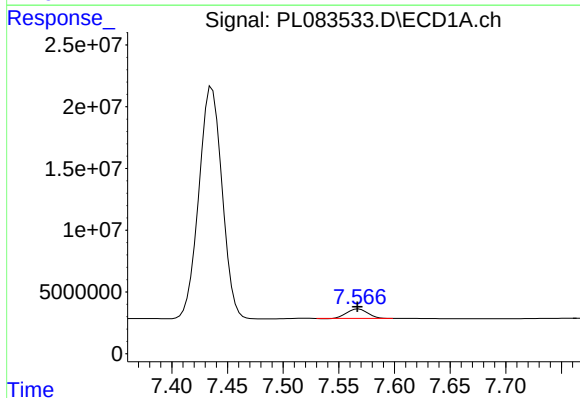
R.T.: 7.436 min
Delta R.T.: 0.001 min
Response: 272156421
Conc: 300.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



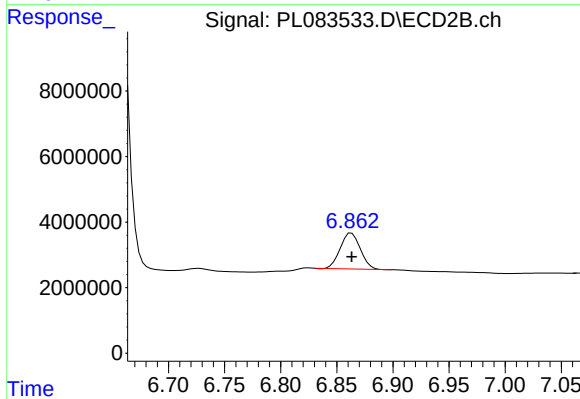
#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 320744449
Conc: 266.14 ng/ml



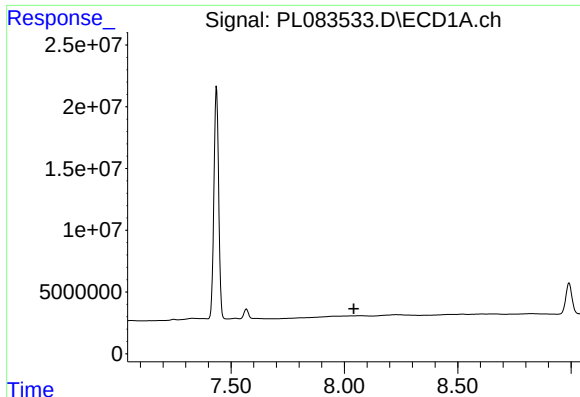
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 10044053
Conc: 4.69 ng/ml



#21 Endrin ketone

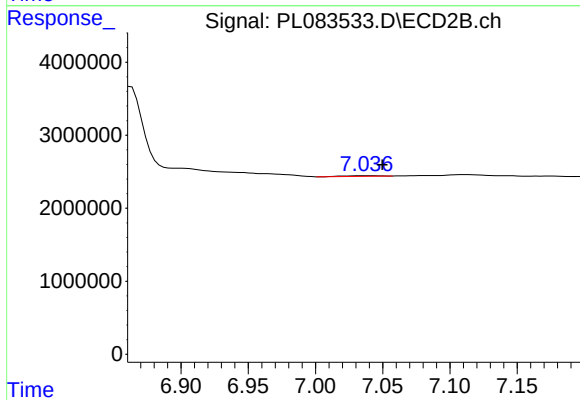
R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 13574774
Conc: 4.83 ng/ml



#22 Mirex

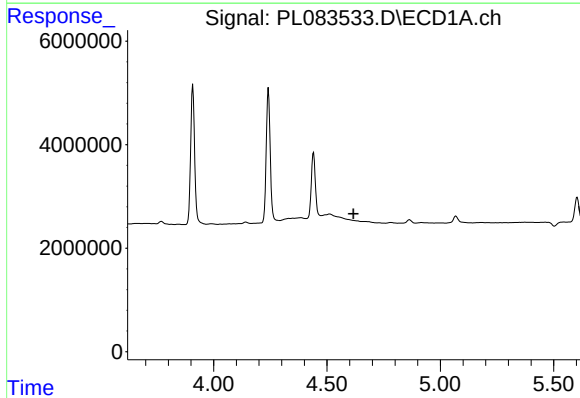
R.T.: 0.000 min
Exp R.T.: 8.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



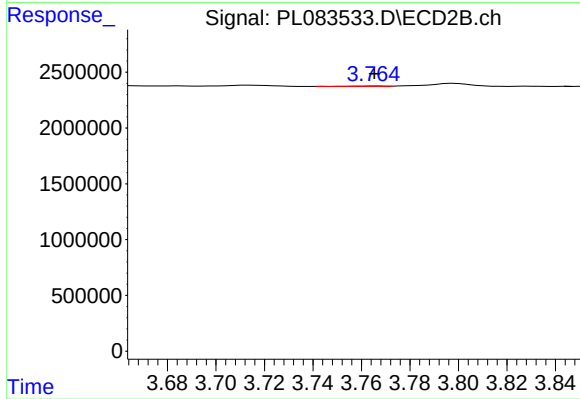
#22 Mirex

R.T.: 7.037 min
Delta R.T.: -0.013 min
Response: 157893
Conc: 0.07 ng/ml



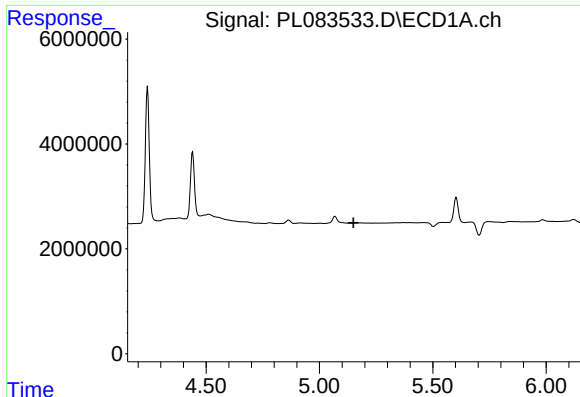
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.617 min
Response: 0
Conc: N.D.



#23 Chlordane-1

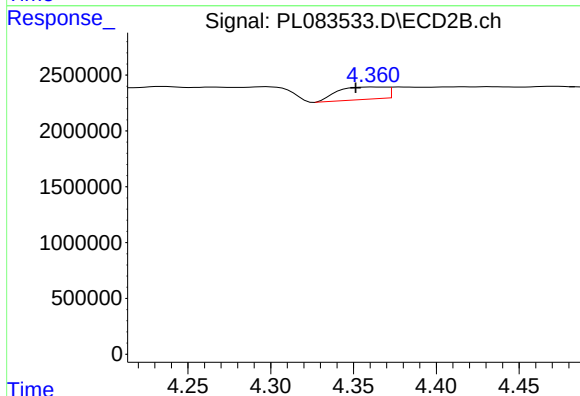
R.T.: 3.765 min
Delta R.T.: 0.000 min
Response: 33732
Conc: 0.34 ng/ml



#24 Chlordane-2

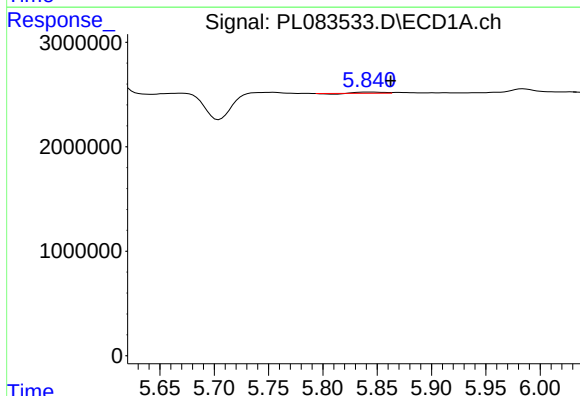
R.T.: 0.000 min
Exp R.T.: 5.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



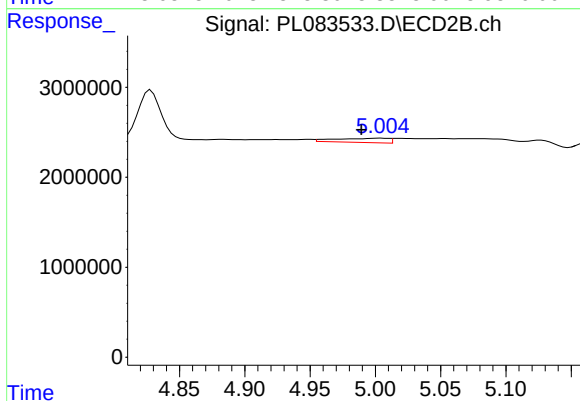
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.011 min
Response: 2268030
Conc: 18.86 ng/ml



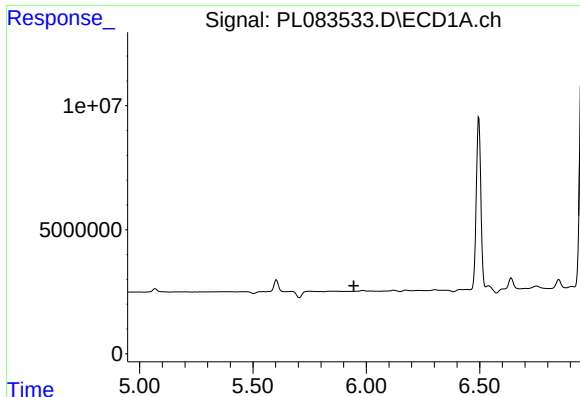
#25 Chlordane-3

R.T.: 5.842 min
Delta R.T.: -0.021 min
Response: 144746
Conc: 0.38 ng/ml



#25 Chlordane-3

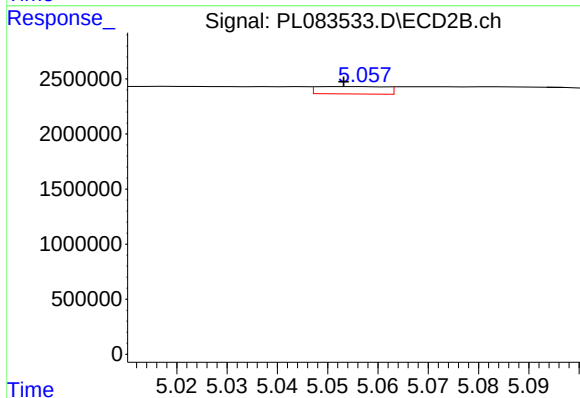
R.T.: 5.004 min
Delta R.T.: 0.014 min
Response: 1355610
Conc: 4.14 ng/ml



#26 Chlordane-4

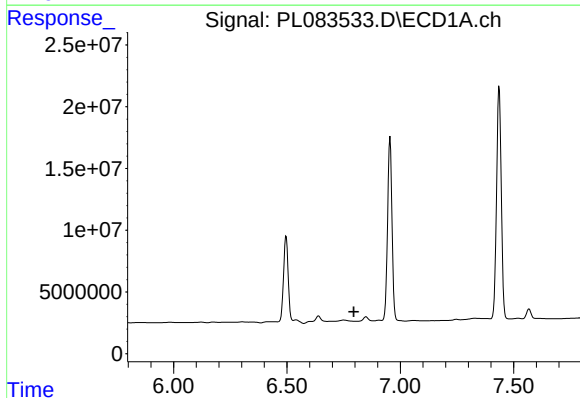
R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



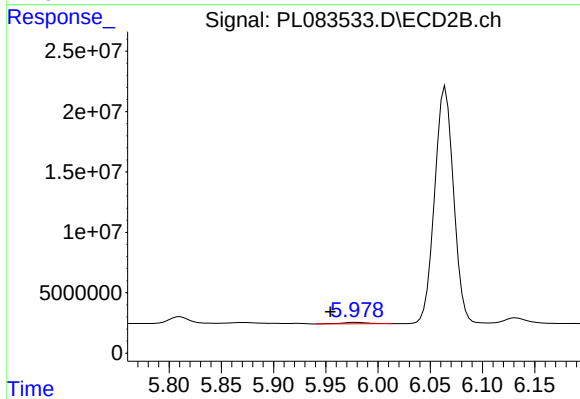
#26 Chlordane-4

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 631214
Conc: 1.87 ng/ml



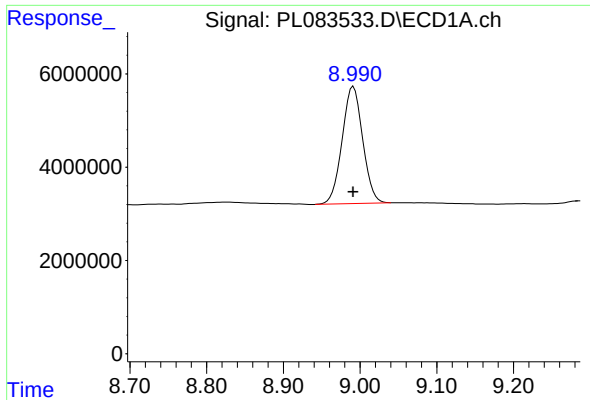
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.795 min
Response: 0
Conc: N.D.



#27 Chlordane-5

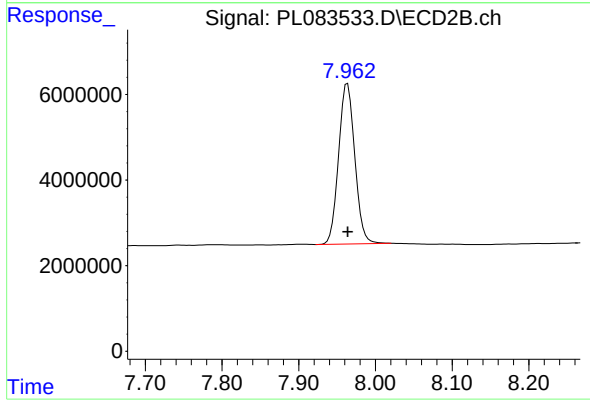
R.T.: 5.979 min
Delta R.T.: 0.025 min
Response: 1902519
Conc: 17.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 47044534
Conc: 24.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 55104367
Conc: 22.44 ng/ml