

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
 Data File : PD091319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2025 18:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 22:49:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 15 04:46:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.541	2.872	67312750	740.3E6	19.519	20.211
28)	SA Decachlor...	9.059	8.055	100.2E6	867.1E6	20.110	21.911
Target Compounds							
2)	A alpha-BHC	3.990	3.383	65992714	622.4E6	8.254	9.847
3)	MA gamma-BHC...	4.321	3.719	64097789	571.2E6	8.577	9.878
4)	MA Heptachlor	4.939f	4.076	1314305	1307650	0.184	0.024 #
5)	MB Aldrin	0.000	4.358	0	11333483	N.D.	0.201 #
6)	B beta-BHC	4.509	4.015	27940522	241.2E6	9.616	10.039
7)	B delta-BHC	4.768	4.265	3221116	1445022	0.433	0.025 #
8)	B Heptachlo...	5.669	4.864	2059865	9578872	0.317	0.188 #
9)	A Endosulfan I	6.053	0.000	275906	0	0.045	N.D. #
10)	B gamma-Chl...	5.905f	5.112	2870861	113.2E6	0.442	2.072 #
11)	B alpha-Chl...	5.989f	5.173	2917918	20381991	0.424	0.389
12)	B 4,4'-DDE	6.185	5.361	930150	33166952	0.160	0.621 #
13)	MA Dieldrin	6.358f	5.495	3126797	1513770	0.484	0.028 #
14)	MA Endrin	6.563	5.775	233.6E6	2257.7E6	47.072	49.958
15)	B Endosulfa...	6.762f	6.073	3746472	18420058	0.674	0.395 #
16)	A 4,4'-DDD	6.695	5.916	21517808	227.2E6	4.381	4.649
17)	MA 4,4'-DDT	7.011	6.169	382.1E6	3911.0E6	92.392	99.941
18)	B Endrin al...	6.905	6.244	4728463	46074764	1.135	1.306
19)	B Endosulfa...	0.000	6.450f	0	6542451	N.D.	0.146 #
20)	A Methoxychlor	7.484	6.739	460.4E6	4085.7E6	211.720	203.761
21)	B Endrin ke...	7.621	6.977	11066965	139.0E6	1.964	2.728 #
22)	Mirex	0.000	7.160	0	9018694	N.D.	0.272 #
23)	Chlordane-1	0.000	3.886	0	928688	N.D.	0.540 #
24)	Chlordane-2	0.000	4.487	0	49798306	N.D.	28.439 #
25)	Chlordane-3	0.000	5.112	0	113.2E6	N.D.	19.669 #
26)	Chlordane-4	6.053f	5.173	275906	20381991	0.230	4.261 #
27)	Chlordane-5	6.868	6.073	684691	18420058	3.466	9.077 #

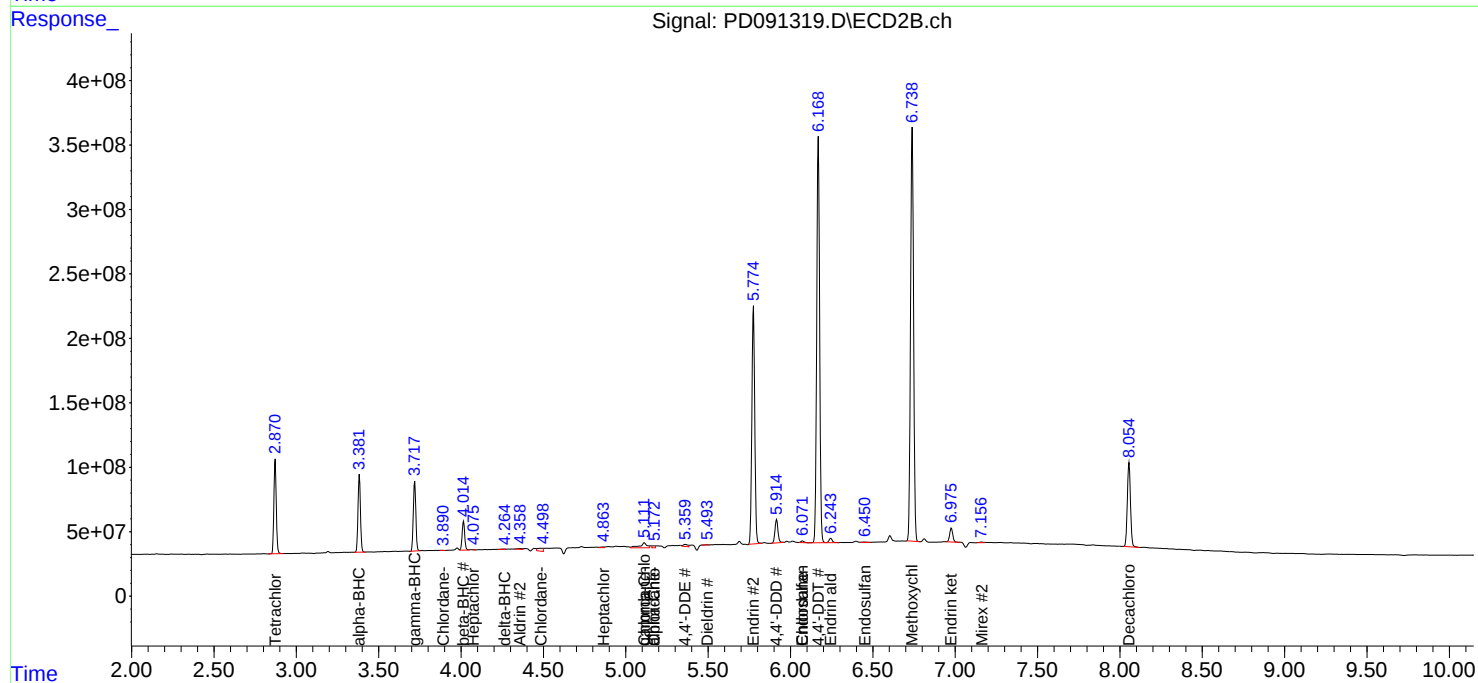
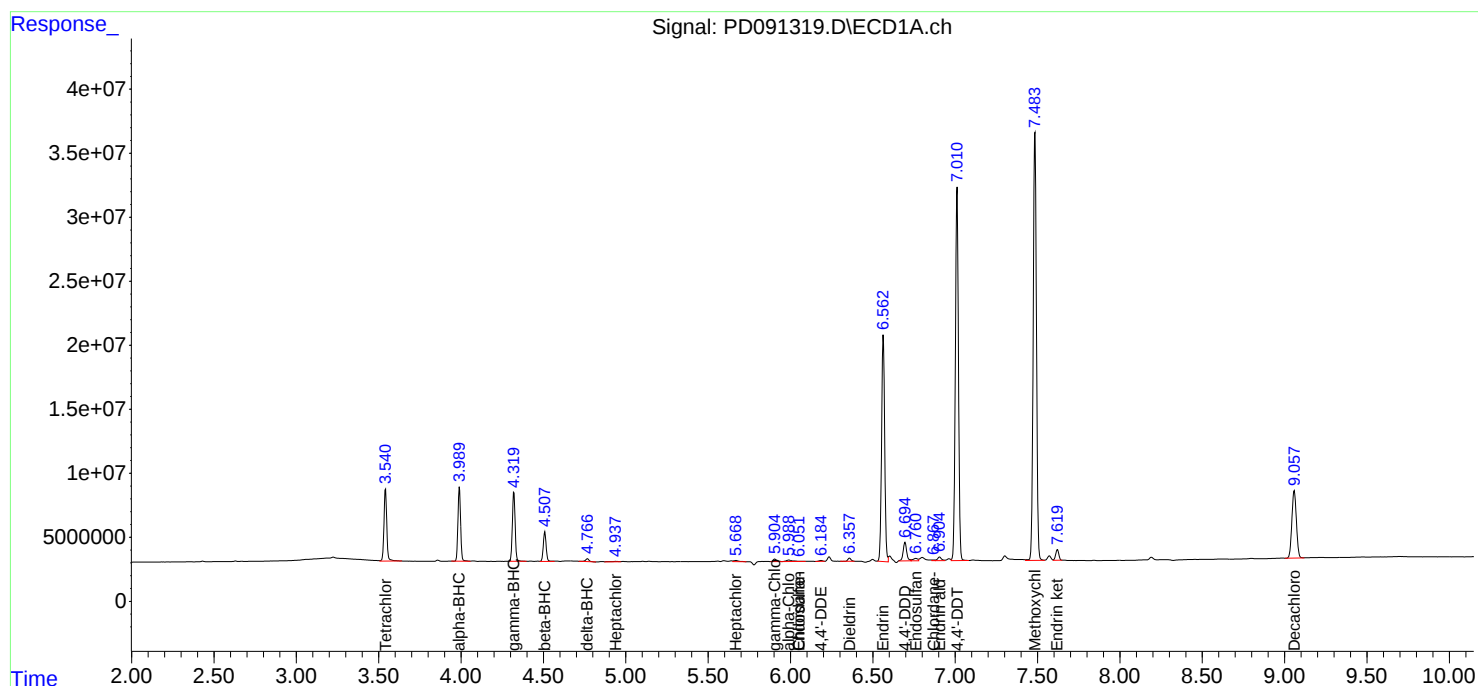
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

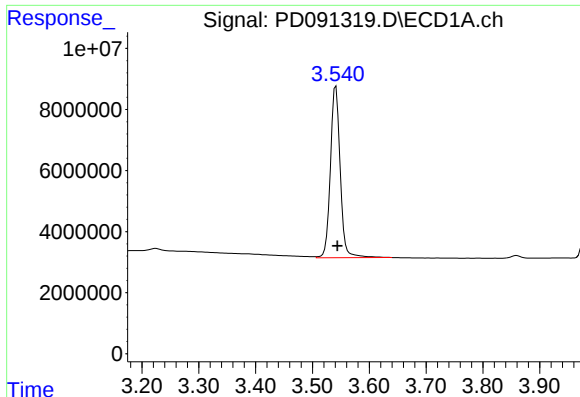
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112025\
Data File : PD091319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2025 18:28
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 22:49:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111525.M
Quant Title : GC Extractables
QLast Update : Sat Nov 15 04:46:13 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

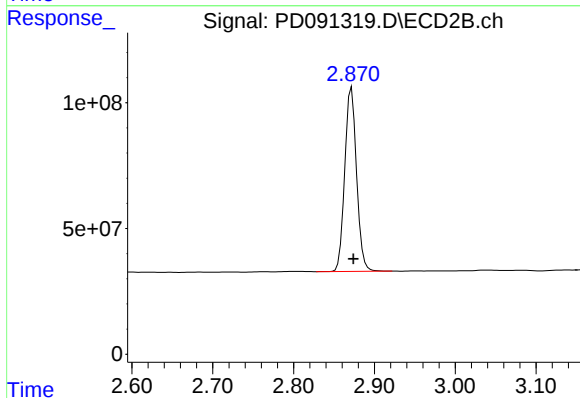




#1 Tetrachloro-m-xylene

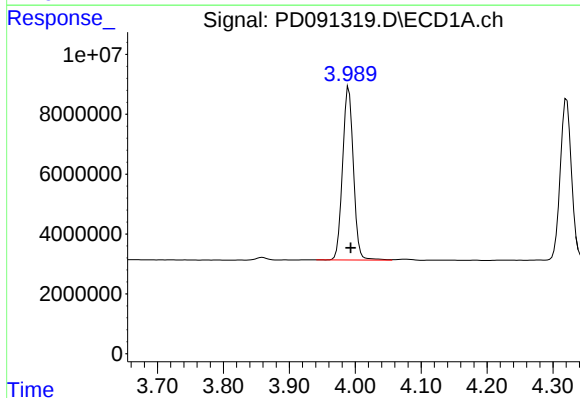
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 67312750
Conc: 19.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



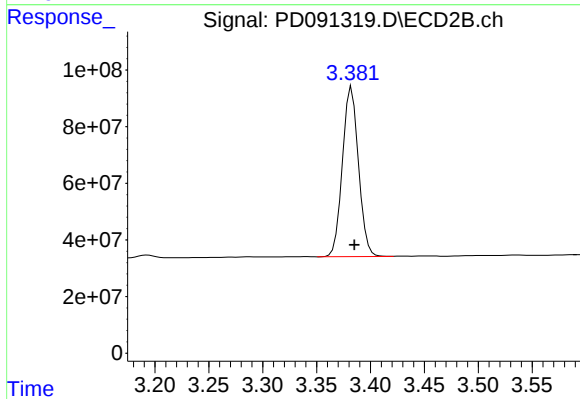
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.002 min
Response: 740349251
Conc: 20.21 ng/ml



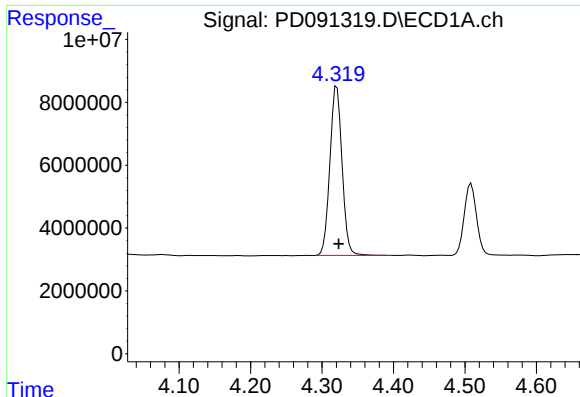
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 65992714
Conc: 8.25 ng/ml



#2 alpha-BHC

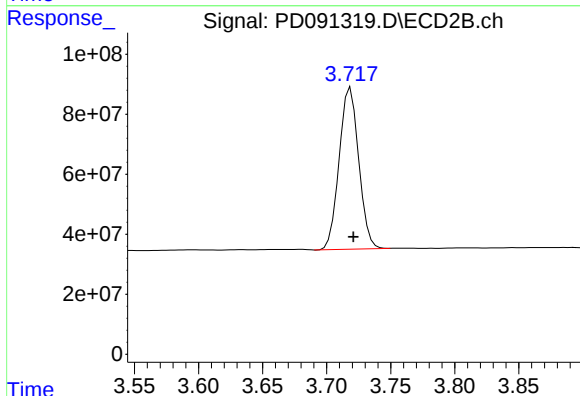
R.T.: 3.383 min
Delta R.T.: -0.003 min
Response: 622370443
Conc: 9.85 ng/ml



#3 gamma-BHC (Lindane)

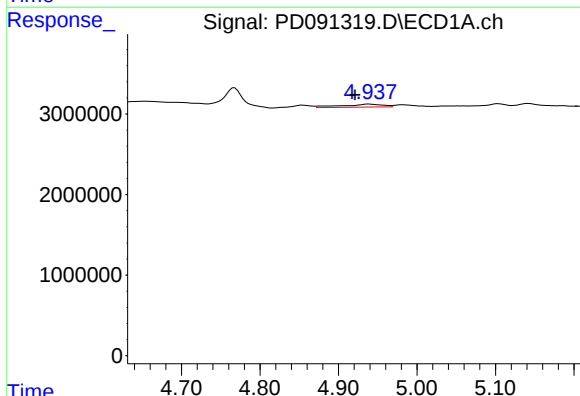
R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 64097789
Conc: 8.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



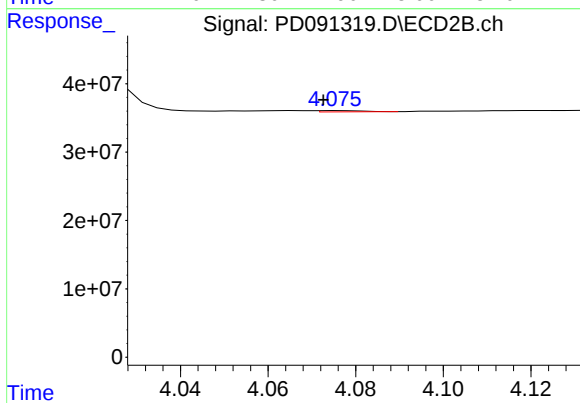
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 571157044
Conc: 9.88 ng/ml



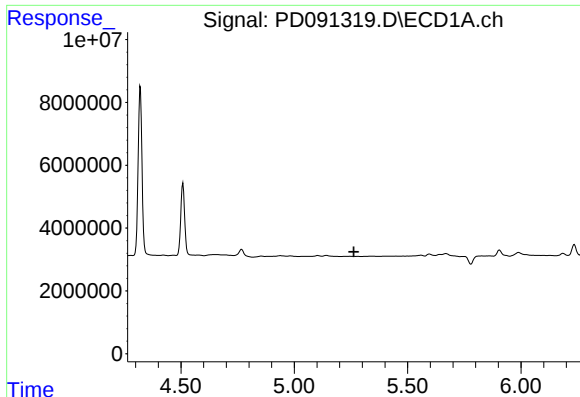
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.018 min
Response: 1314305
Conc: 0.18 ng/ml



#4 Heptachlor

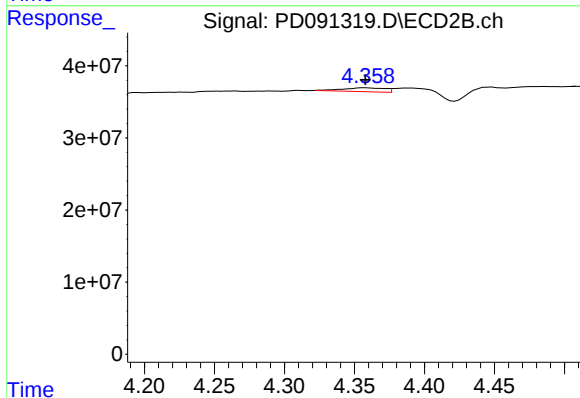
R.T.: 4.076 min
Delta R.T.: 0.004 min
Response: 1307650
Conc: 0.02 ng/ml



#5 Aldrin

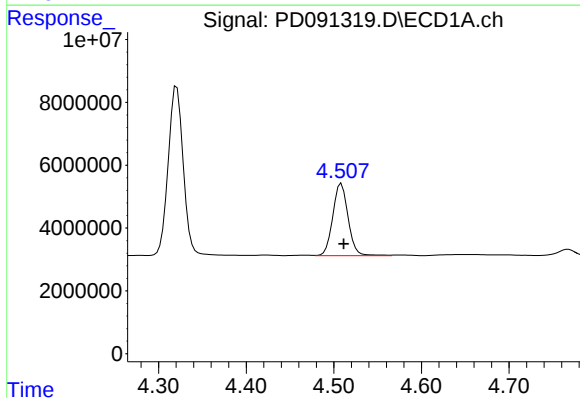
R.T.: 0.000 min
Exp R.T.: 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



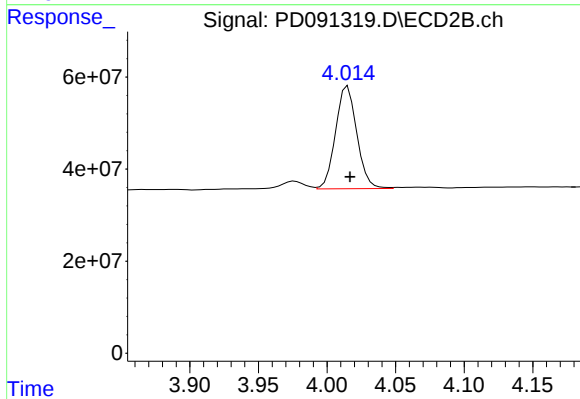
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 11333483
Conc: 0.20 ng/ml



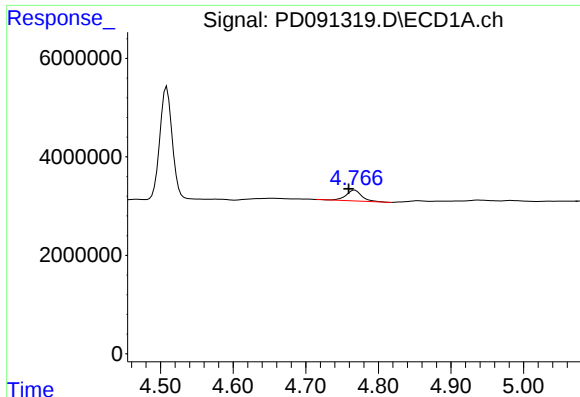
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.003 min
Response: 27940522
Conc: 9.62 ng/ml



#6 beta-BHC

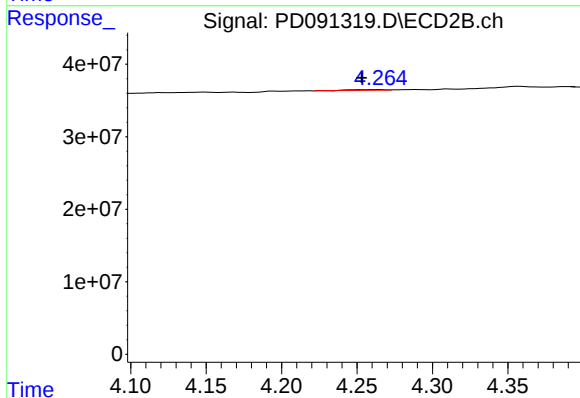
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 241206996
Conc: 10.04 ng/ml



#7 delta-BHC

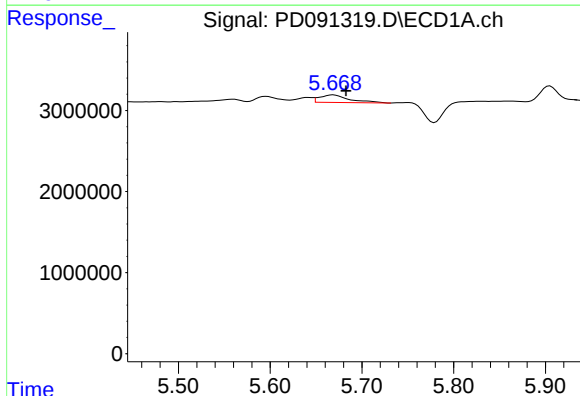
R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 3221116
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



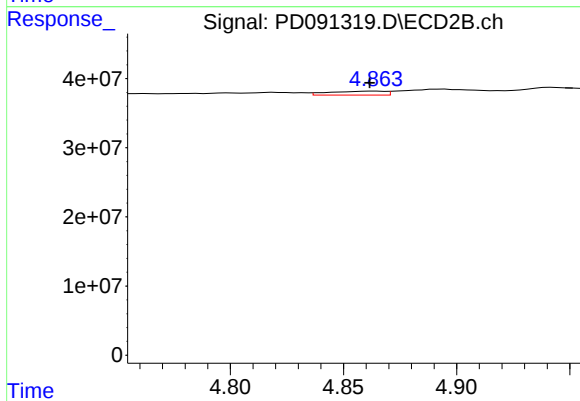
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.012 min
Response: 1445022
Conc: 0.02 ng/ml



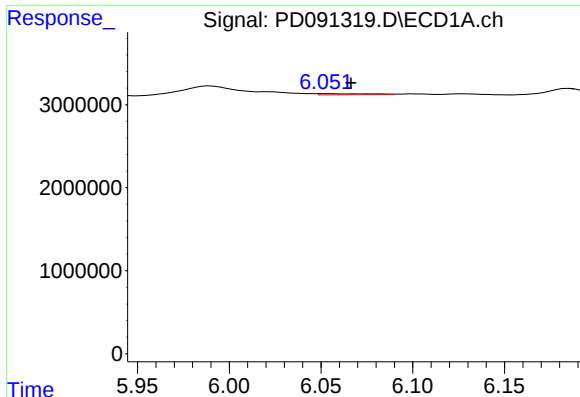
#8 Heptachlor epoxide

R.T.: 5.669 min
Delta R.T.: -0.014 min
Response: 2059865
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

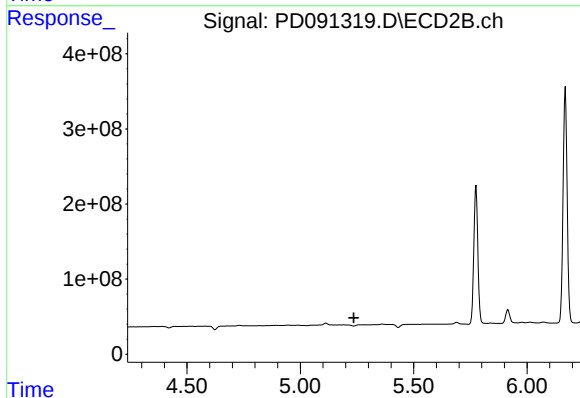
R.T.: 4.864 min
Delta R.T.: 0.002 min
Response: 9578872
Conc: 0.19 ng/ml



#9 Endosulfan I

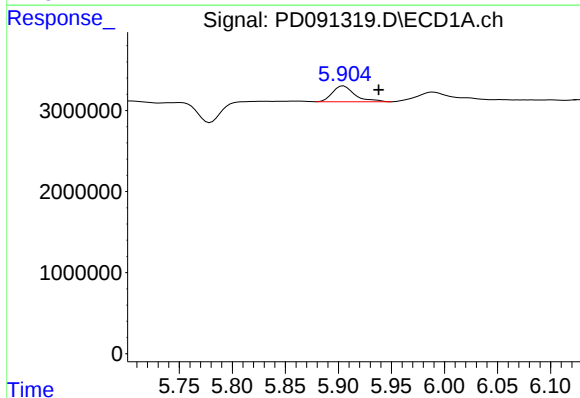
R.T.: 6.053 min
Delta R.T.: -0.013 min
Response: 275906
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



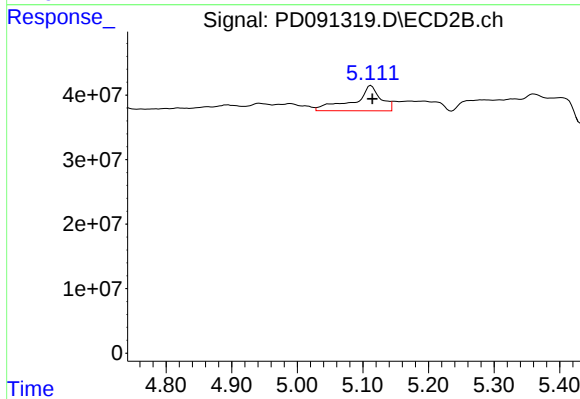
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.236 min
Response: 0
Conc: N.D.



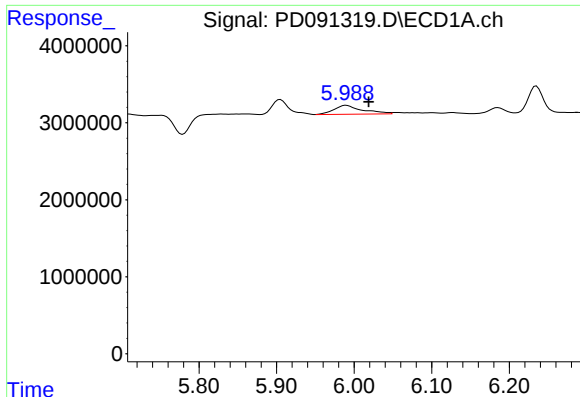
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.033 min
Response: 2870861
Conc: 0.44 ng/ml



#10 gamma-Chlordane

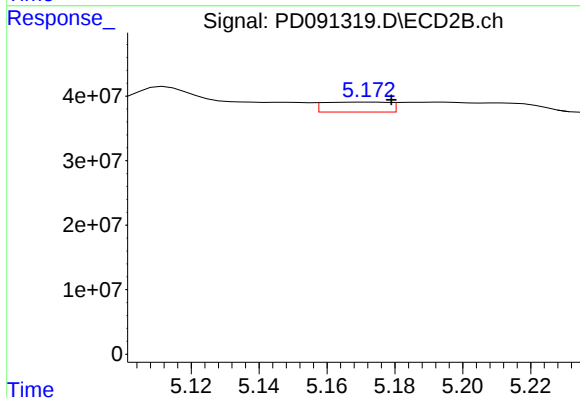
R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 113168171
Conc: 2.07 ng/ml



#11 alpha-Chlordane

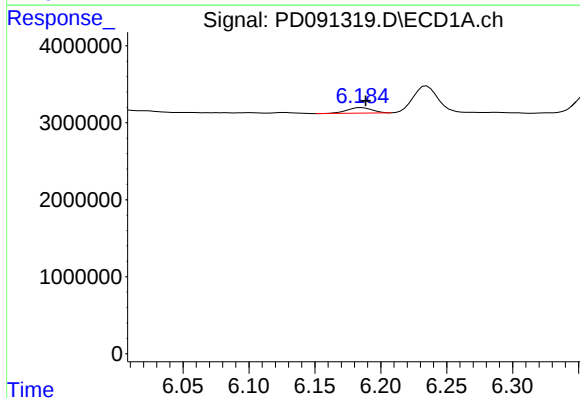
R.T.: 5.989 min
Delta R.T.: -0.029 min
Response: 2917918
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



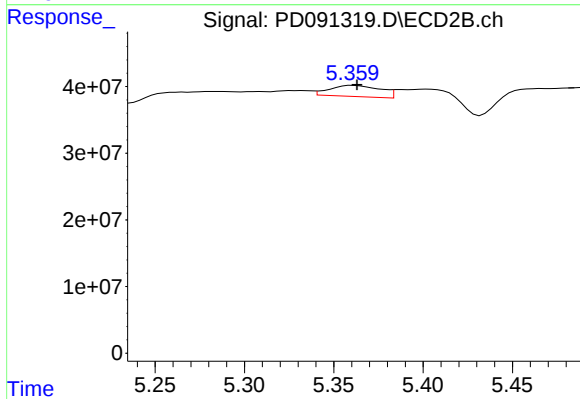
#11 alpha-Chlordane

R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 20381991
Conc: 0.39 ng/ml



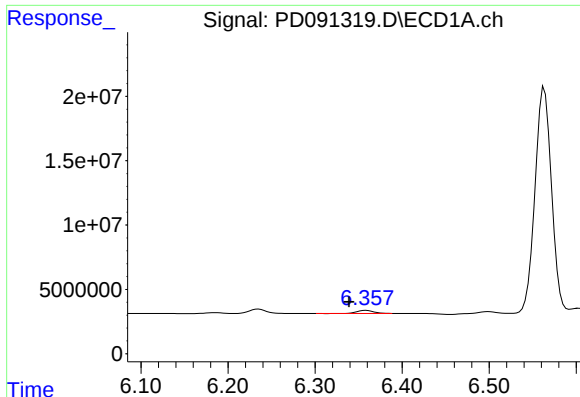
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 930150
Conc: 0.16 ng/ml



#12 4,4'-DDE

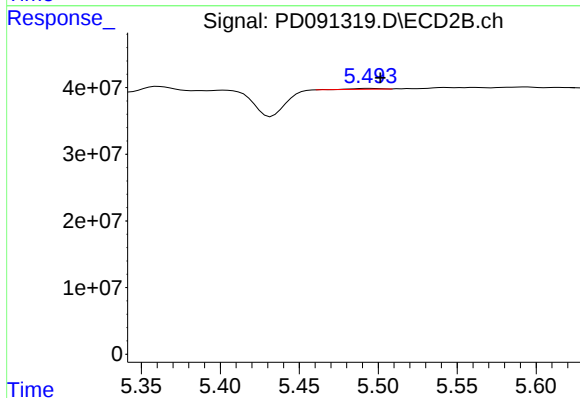
R.T.: 5.361 min
Delta R.T.: -0.002 min
Response: 33166952
Conc: 0.62 ng/ml



#13 Dieldrin

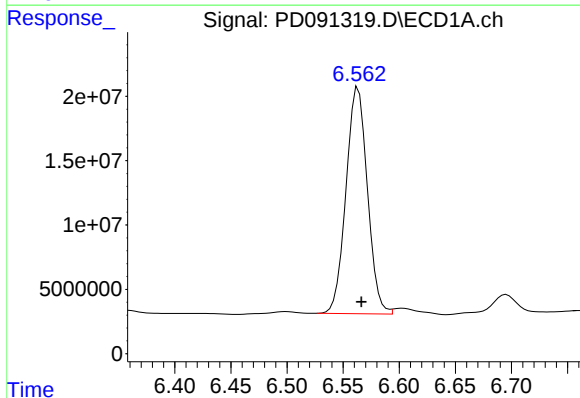
R.T.: 6.358 min
Delta R.T.: 0.019 min
Response: 3126797
Conc: 0.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



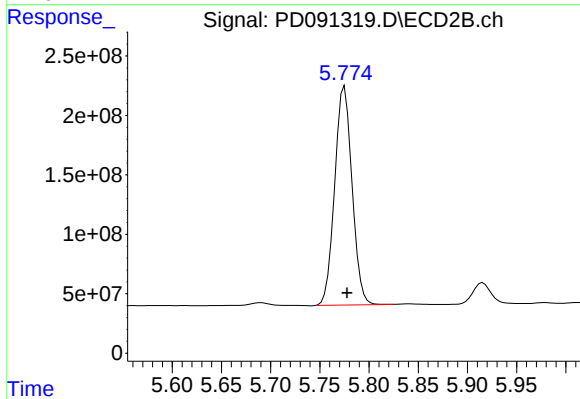
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.007 min
Response: 1513770
Conc: 0.03 ng/ml



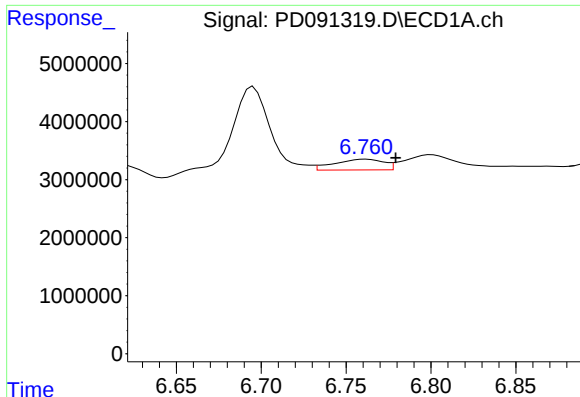
#14 Endrin

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 233642926
Conc: 47.07 ng/ml



#14 Endrin

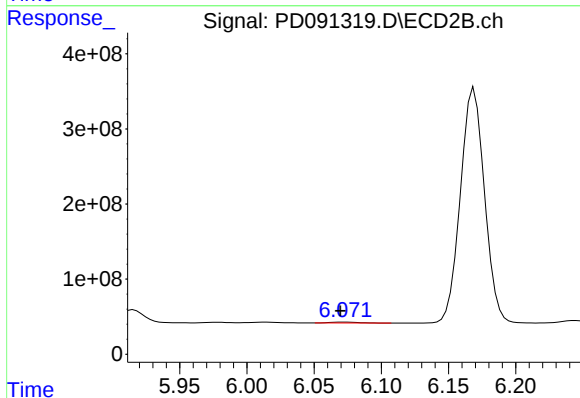
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 2257714330
Conc: 49.96 ng/ml



#15 Endosulfan II

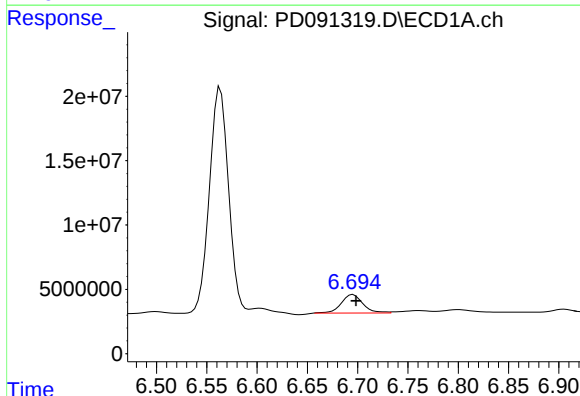
R.T.: 6.762 min
Delta R.T.: -0.018 min
Response: 3746472
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



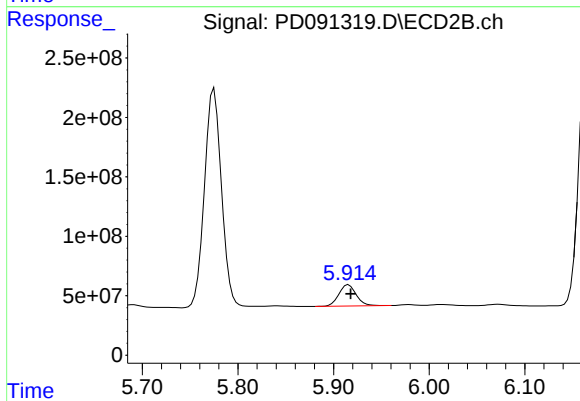
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 18420058
Conc: 0.39 ng/ml



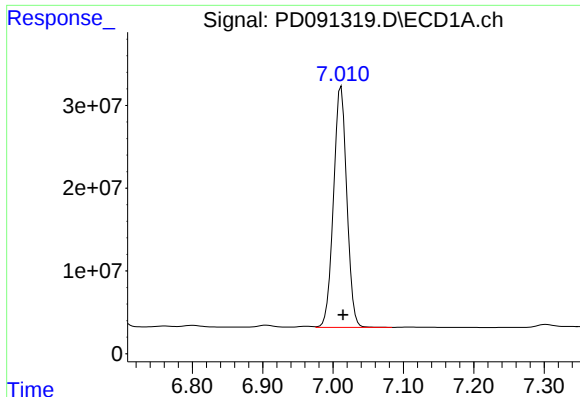
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: -0.003 min
Response: 21517808
Conc: 4.38 ng/ml



#16 4,4'-DDD

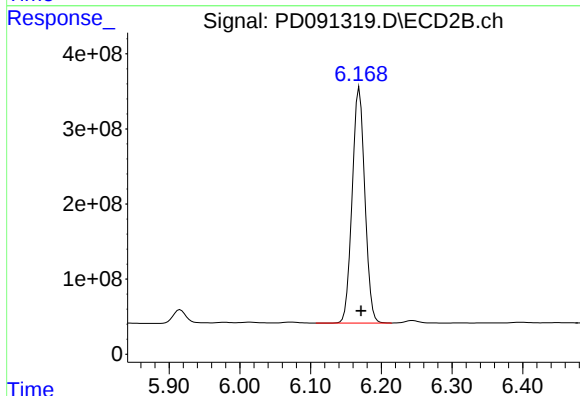
R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 227203649
Conc: 4.65 ng/ml



#17 4,4'-DDT

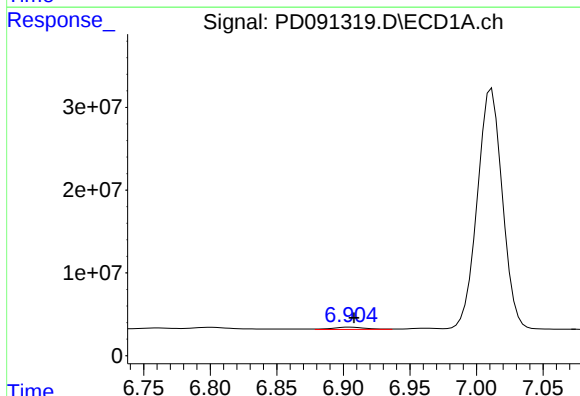
R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 382089030
Conc: 92.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



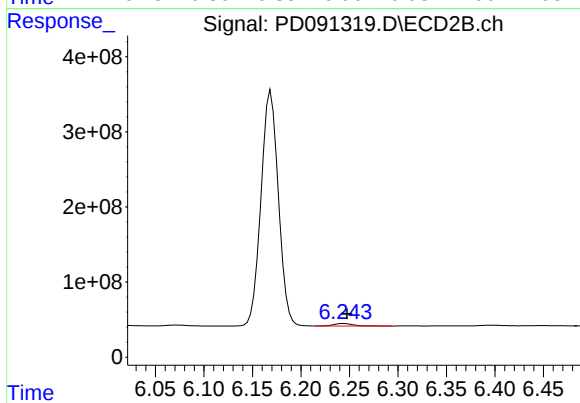
#17 4,4'-DDT

R.T.: 6.169 min
Delta R.T.: -0.002 min
Response: 3910962521
Conc: 99.94 ng/ml



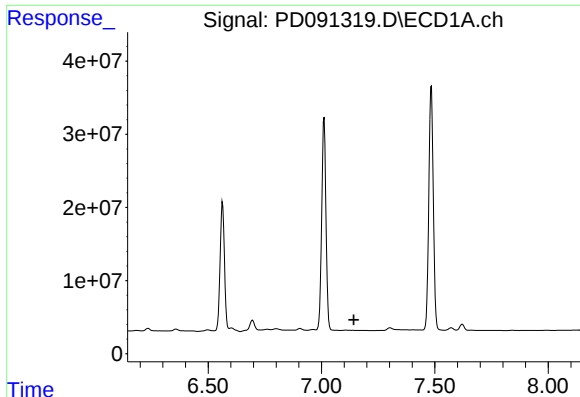
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 4728463
Conc: 1.14 ng/ml



#18 Endrin aldehyde

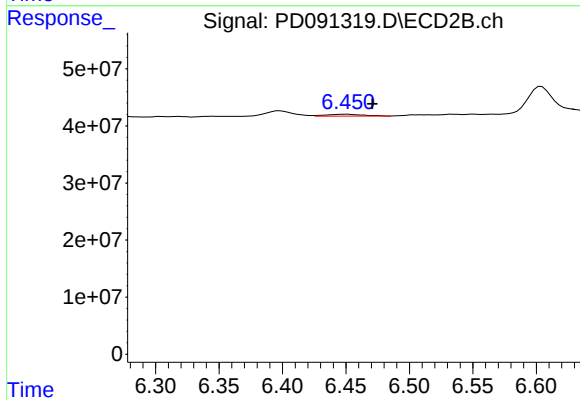
R.T.: 6.244 min
Delta R.T.: -0.003 min
Response: 46074764
Conc: 1.31 ng/ml



#19 Endosulfan Sulfate

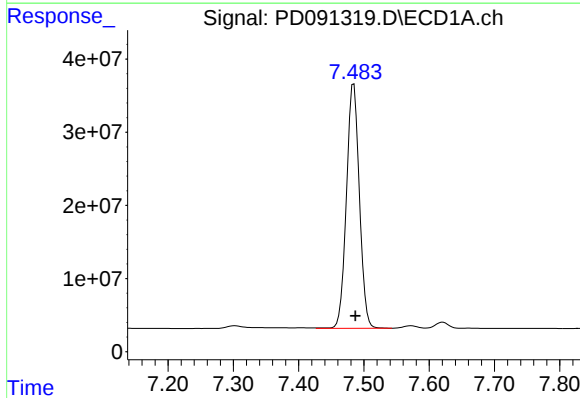
R.T.: 0.000 min
Exp R.T.: 7.143 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



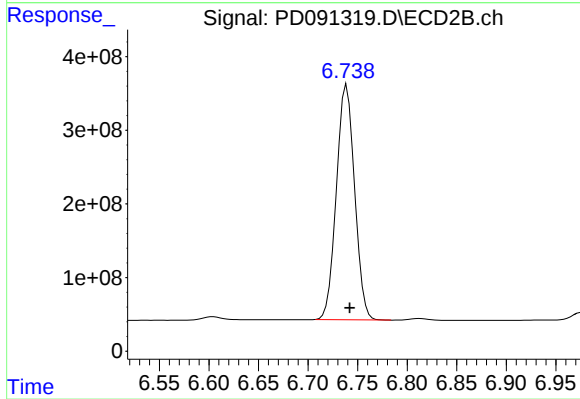
#19 Endosulfan Sulfate

R.T.: 6.450 min
Delta R.T.: -0.021 min
Response: 6542451
Conc: 0.15 ng/ml



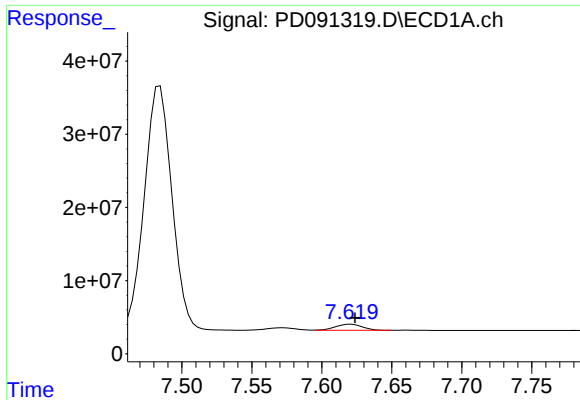
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 460351335
Conc: 211.72 ng/ml



#20 Methoxychlor

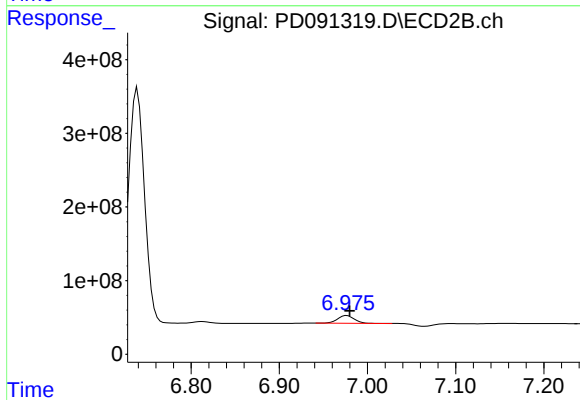
R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 4085701905
Conc: 203.76 ng/ml



#21 Endrin ketone

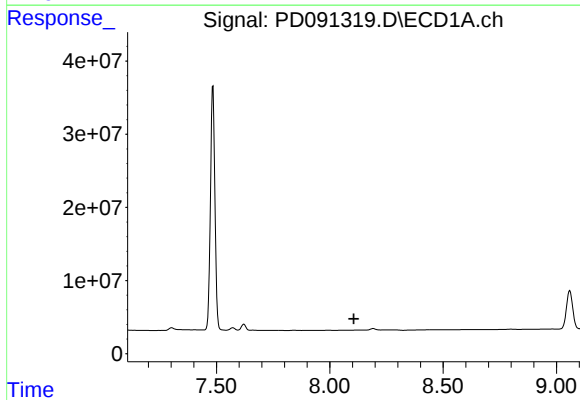
R.T.: 7.621 min
Delta R.T.: -0.003 min
Response: 11066965
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



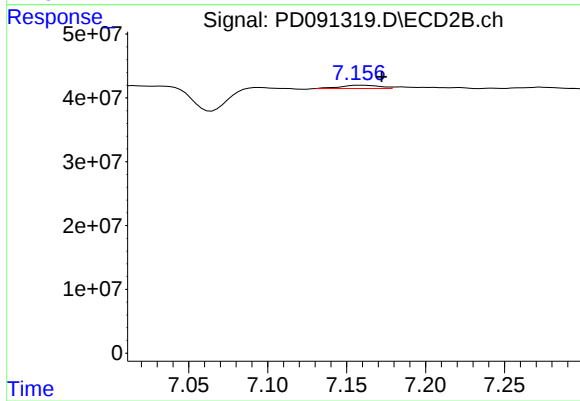
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 139030830
Conc: 2.73 ng/ml



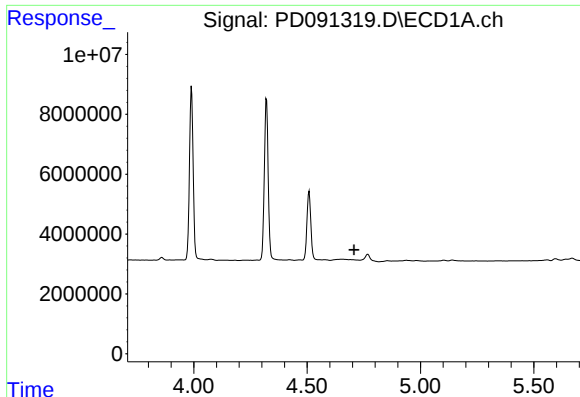
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.106 min
Response: 0
Conc: N.D.



#22 Mirex

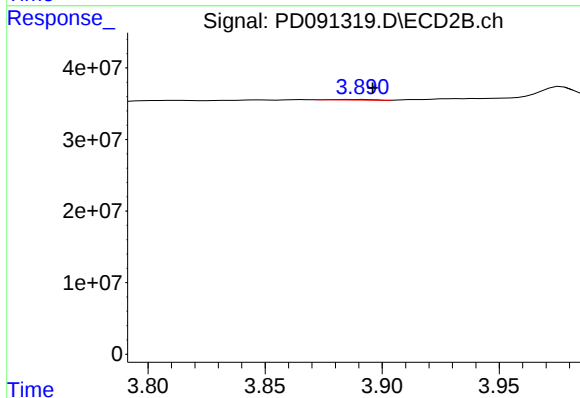
R.T.: 7.160 min
Delta R.T.: -0.012 min
Response: 9018694
Conc: 0.27 ng/ml



#23 Chlordane-1

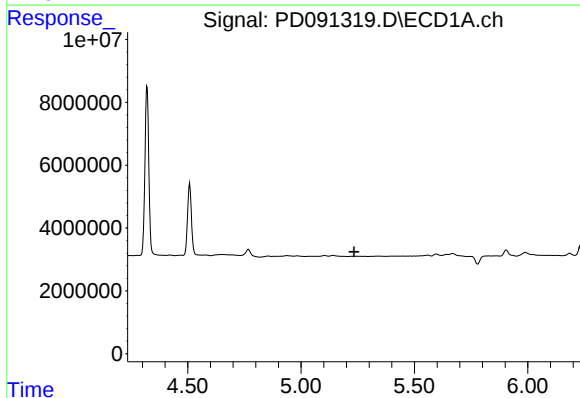
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



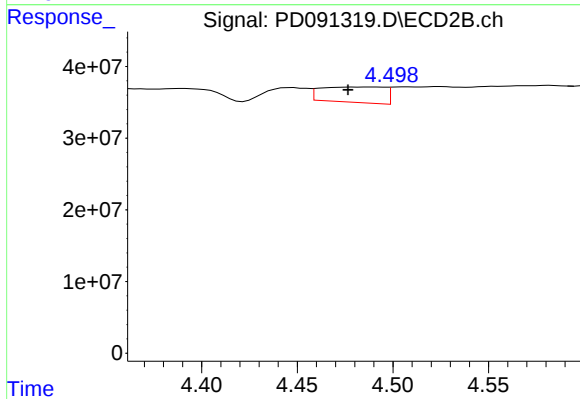
#23 Chlordane-1

R.T.: 3.886 min
Delta R.T.: -0.010 min
Response: 928688
Conc: 0.54 ng/ml



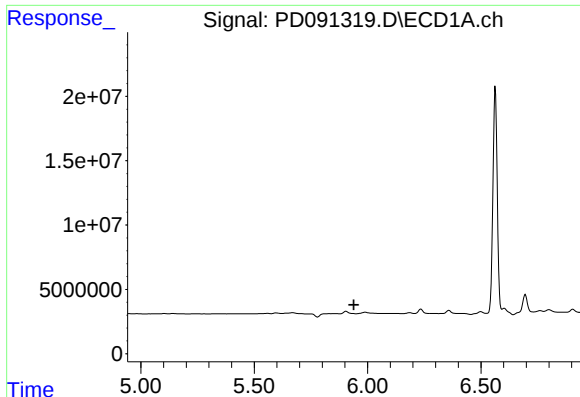
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

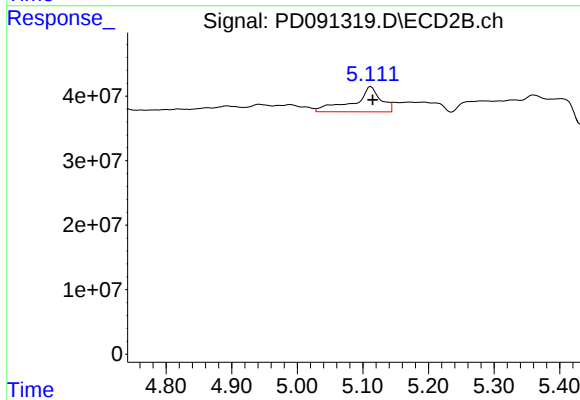
R.T.: 4.487 min
Delta R.T.: 0.010 min
Response: 49798306
Conc: 28.44 ng/ml



#25 Chlordane-3

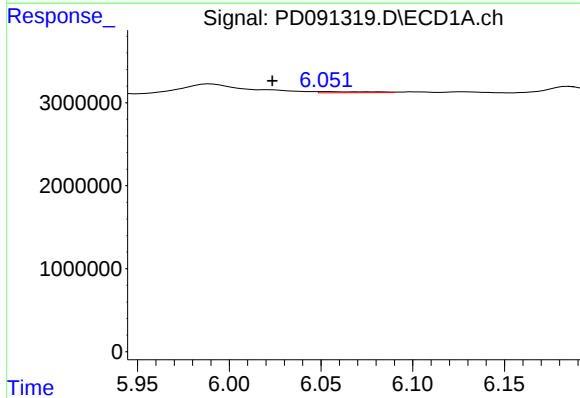
R.T.: 0.000 min
Exp R.T.: 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



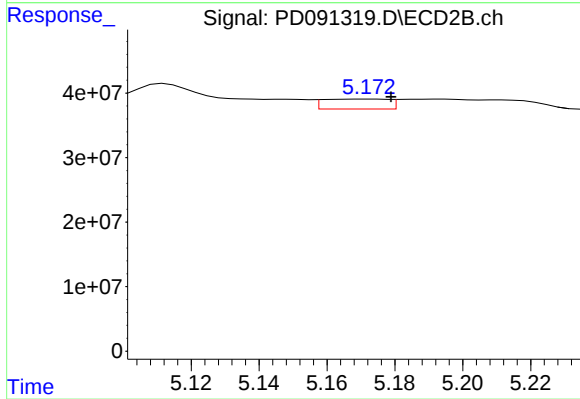
#25 Chlordane-3

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 113168171
Conc: 19.67 ng/ml



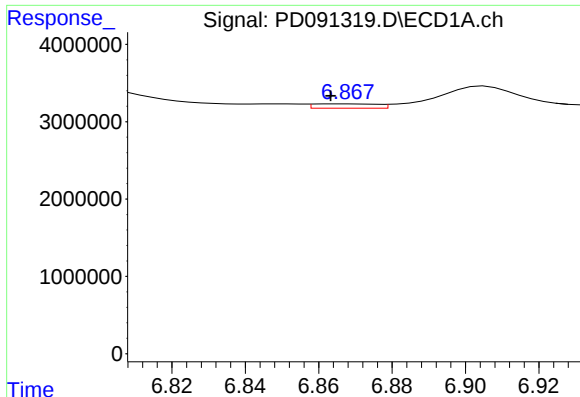
#26 Chlordane-4

R.T.: 6.053 min
Delta R.T.: 0.030 min
Response: 275906
Conc: 0.23 ng/ml



#26 Chlordane-4

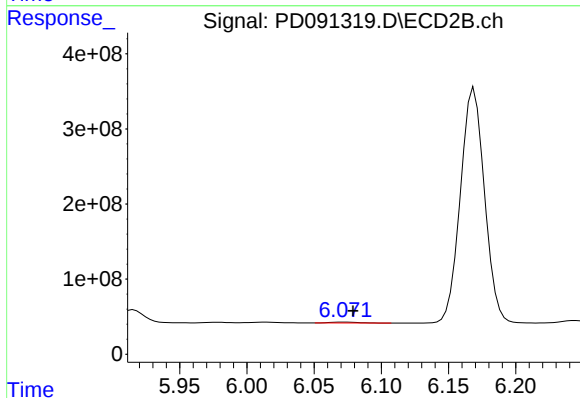
R.T.: 5.173 min
Delta R.T.: -0.006 min
Response: 20381991
Conc: 4.26 ng/ml



#27 Chlordane-5

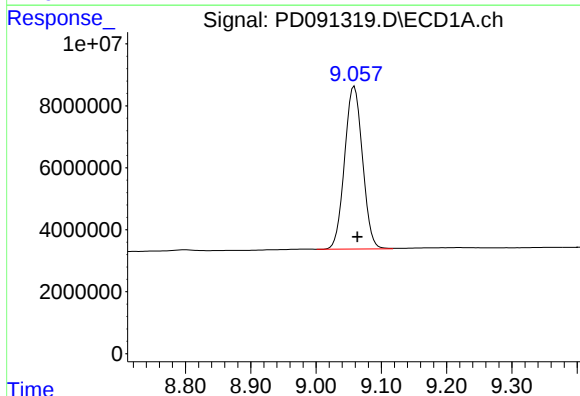
R.T.: 6.868 min
Delta R.T.: 0.005 min
Response: 684691
Conc: 3.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



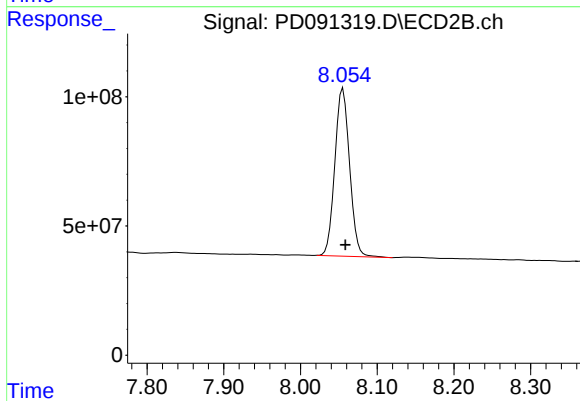
#27 Chlordane-5

R.T.: 6.073 min
Delta R.T.: -0.006 min
Response: 18420058
Conc: 9.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.005 min
Response: 100184045
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.055 min
Delta R.T.: -0.003 min
Response: 867113142
Conc: 21.91 ng/ml