

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 10:18
 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: Oct 20 23:49:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	74881838	704.7E6	24.046	23.664
28)	SA Decachlor...	9.068	8.062	106.7E6	684.0E6	22.809	22.580
Target Compounds							
2)	A alpha-BHC	3.994	3.386	74279572	591.1E6	10.349	11.569
3)	MA gamma-BHC...	4.325	3.722	72203637	553.3E6	10.620	11.711
4)	MA Heptachlor	4.947f	4.064	621630	2693830	0.111	0.060 #
5)	MB Aldrin	0.000	4.356	0	5606526	N.D.	0.121 #
6)	B beta-BHC	4.512	4.018	30007682	228.7E6	11.455	11.533
7)	B delta-BHC	4.771	4.256	1684485	672694	0.249	0.014 #
8)	B Heptachlo...	5.680	4.860	3577852	5131894	0.618	0.120 #
10)	B gamma-Chl...	5.937	5.121	593444	23195792	0.100	0.516 #
11)	B alpha-Chl...	5.995f	5.180	4719939	22943326	0.764	0.532 #
12)	B 4,4'-DDE	6.192	5.366	359208	20556913	0.067	0.469 #
13)	MA Dieldrin	6.366f	5.508	171333	7444153	0.029	0.168 #
14)	MA Endrin	6.569	5.780	281.9E6	2186.1E6	56.898	53.986
15)	B Endosulfa...	6.803f	6.078	10734636	6181758	2.147	0.165 #
16)	A 4,4'-DDD	6.702	5.922	12676279	24447232	3.127	0.671 #
17)	MA 4,4'-DDT	7.017	6.174	480.3E6	4054.8E6	116.856	115.609
18)	B Endrin al...	6.913	6.248	6310526	24520300	1.723	0.885 #
19)	B Endosulfa...	0.000	6.463	0	3015196	N.D.	0.084 #
20)	A Methoxychlor	7.490	6.745	554.4E6	3883.0E6	260.812	222.804
21)	B Endrin ke...	7.626	6.982	3868873	33404333	0.796	0.886
22)	Mirex	0.000	7.167	0	6950184	N.D.	0.271 #
23)	Chlordane-1	0.000	3.895	0	1721055	N.D.	1.381 #
24)	Chlordane-2	0.000	4.480	0	34381563	N.D.	26.356 #
25)	Chlordane-3	5.937	5.121	593444	23195792	0.778	5.961 #
26)	Chlordane-4	5.995f	5.180	4719939	22943326	4.872	6.867 #
27)	Chlordane-5	6.880	6.078	5156560	6181758	34.318	4.188 #

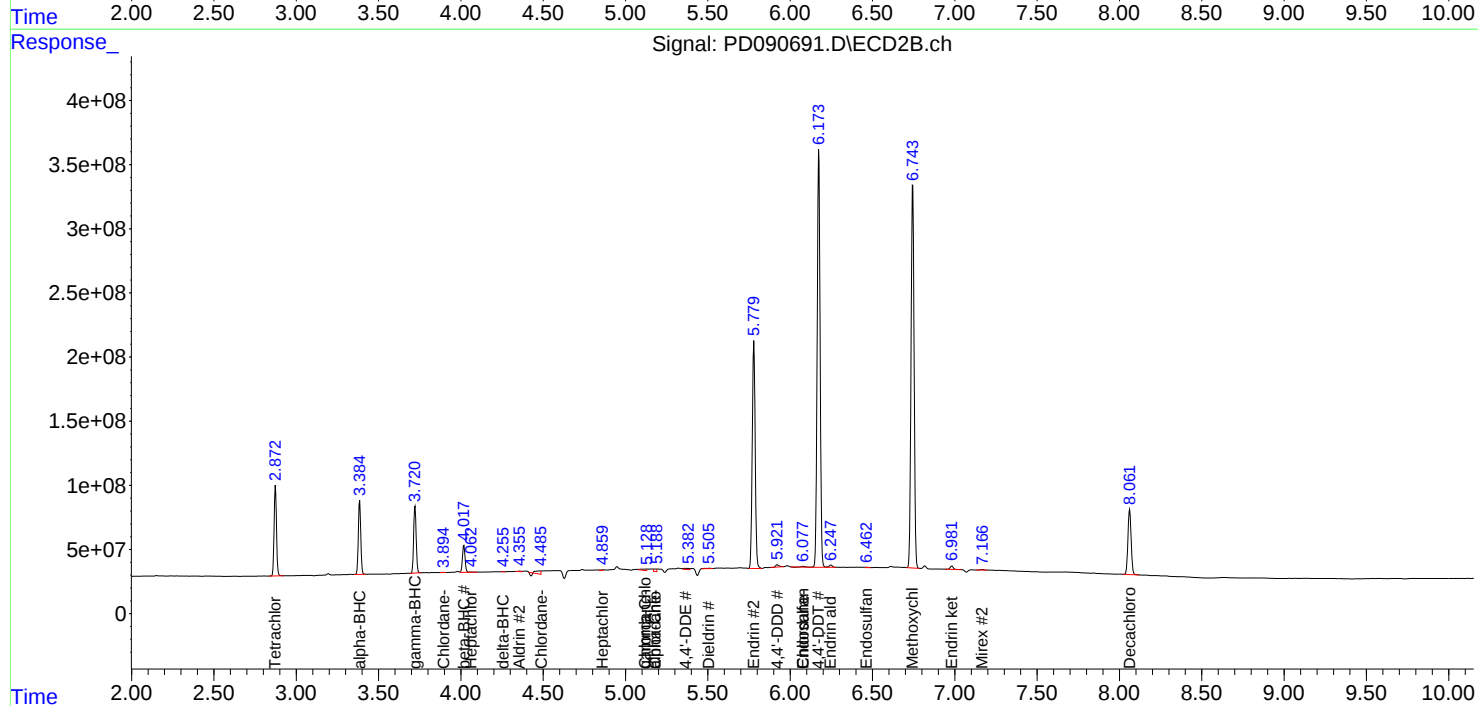
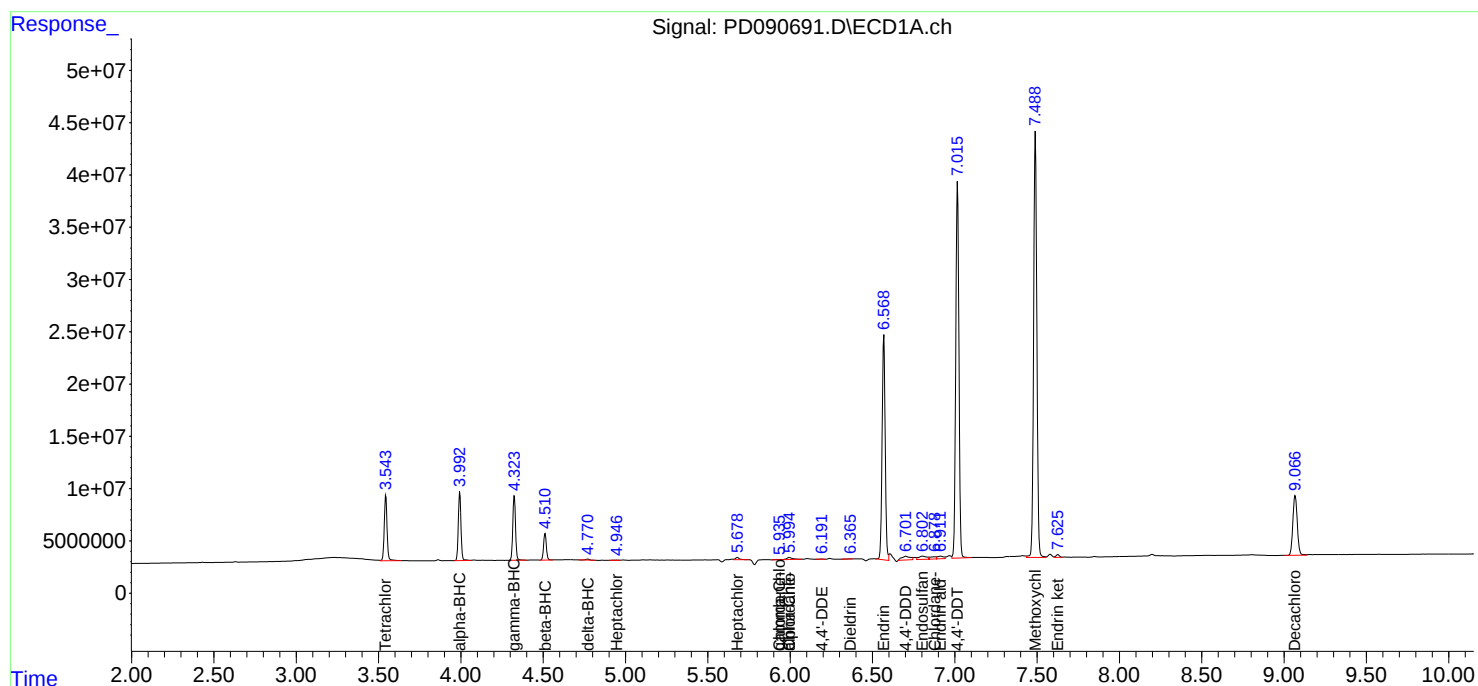
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

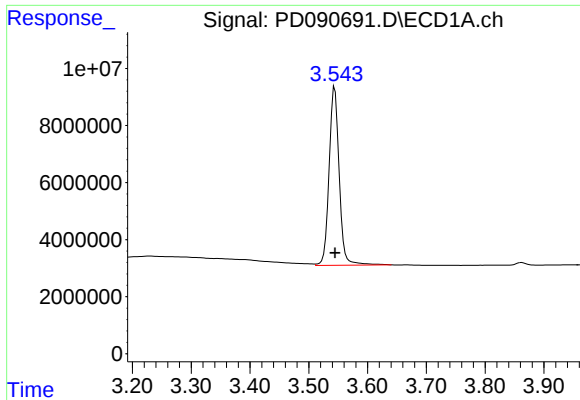
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2025 10:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:49:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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

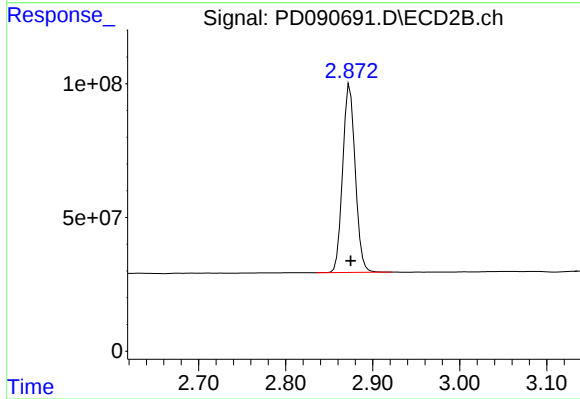




#1 Tetrachloro-m-xylene

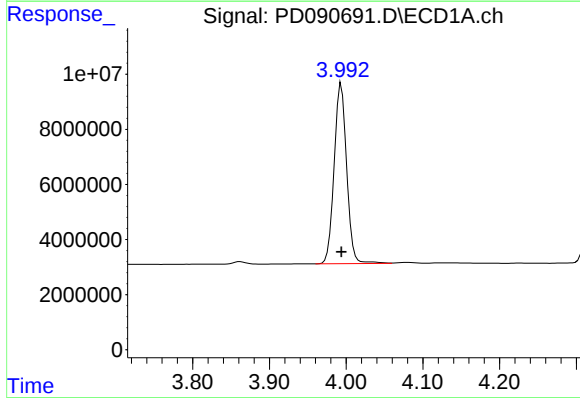
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 74881838
Conc: 24.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



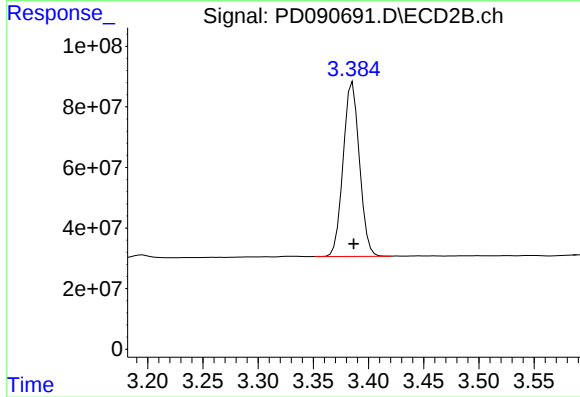
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 704660541
Conc: 23.66 ng/ml



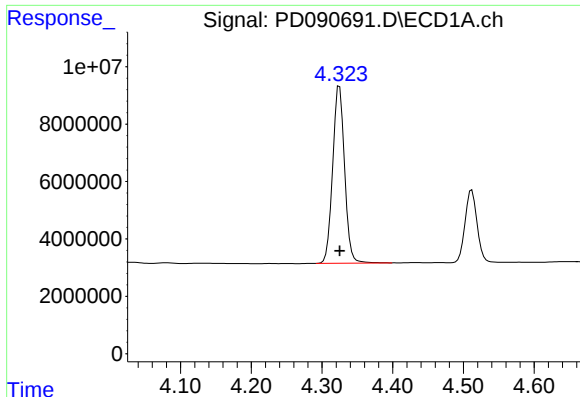
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 74279572
Conc: 10.35 ng/ml



#2 alpha-BHC

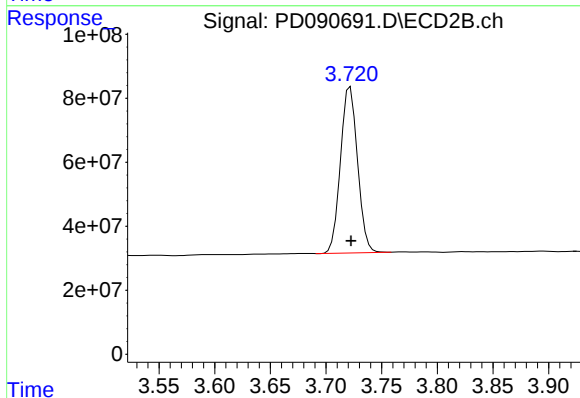
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 591101752
Conc: 11.57 ng/ml



#3 gamma-BHC (Lindane)

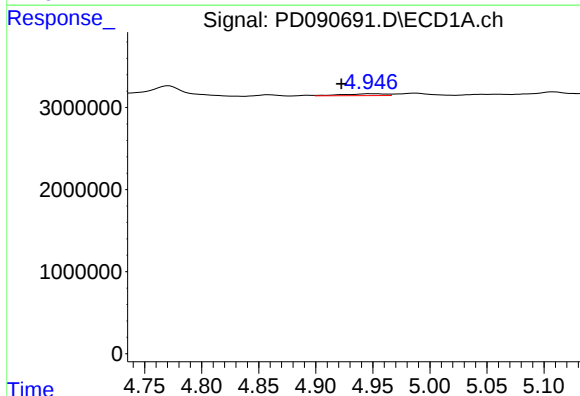
R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 72203637
Conc: 10.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



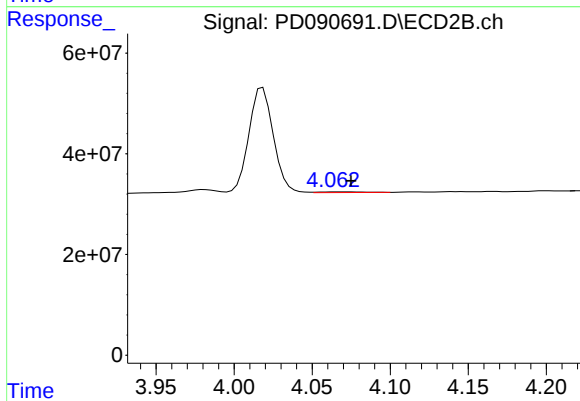
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 553325047
Conc: 11.71 ng/ml



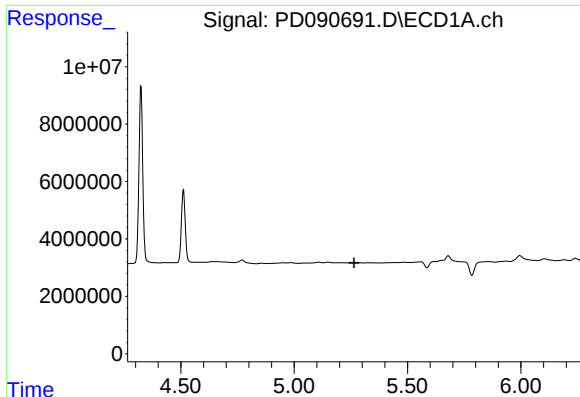
#4 Heptachlor

R.T.: 4.947 min
Delta R.T.: 0.025 min
Response: 621630
Conc: 0.11 ng/ml



#4 Heptachlor

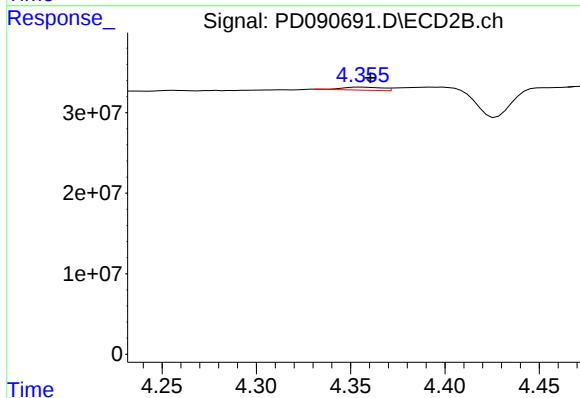
R.T.: 4.064 min
Delta R.T.: -0.011 min
Response: 2693830
Conc: 0.06 ng/ml



#5 Aldrin

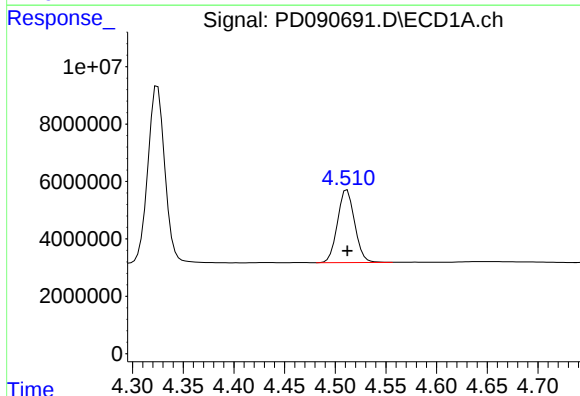
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



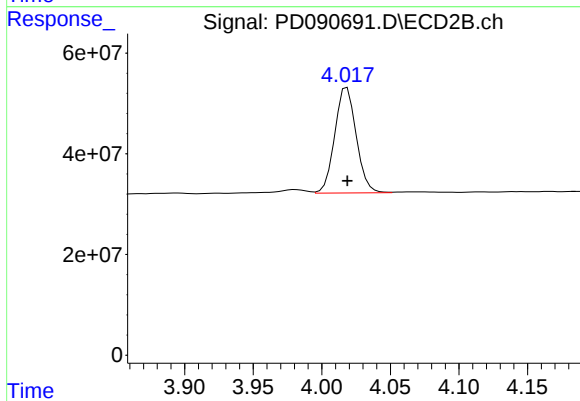
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 5606526
Conc: 0.12 ng/ml



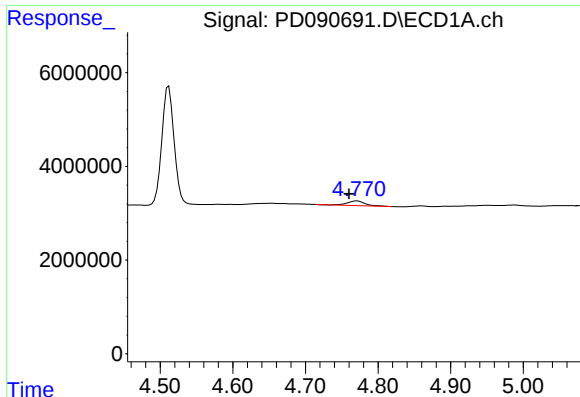
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 30007682
Conc: 11.45 ng/ml



#6 beta-BHC

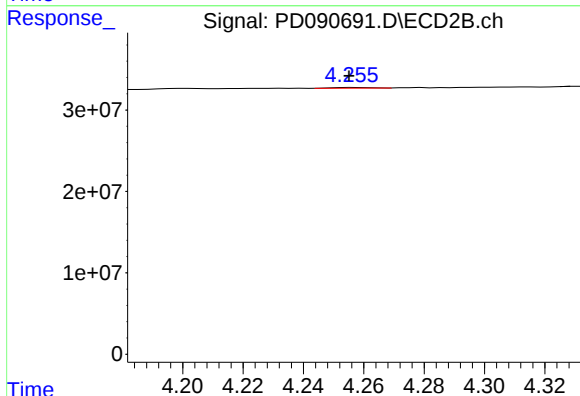
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 228702774
Conc: 11.53 ng/ml



#7 delta-BHC

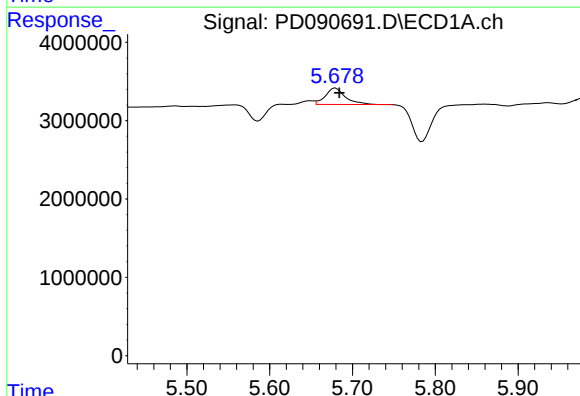
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 1684485
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



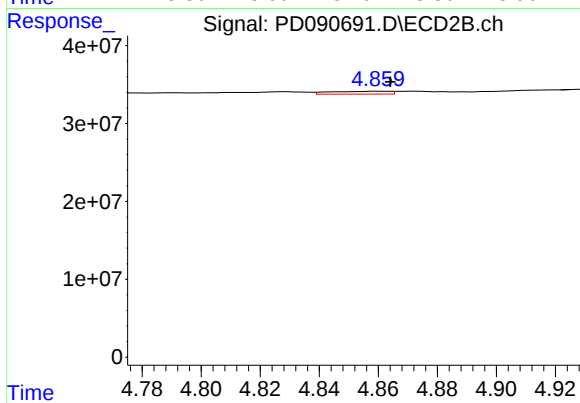
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.001 min
Response: 672694
Conc: 0.01 ng/ml



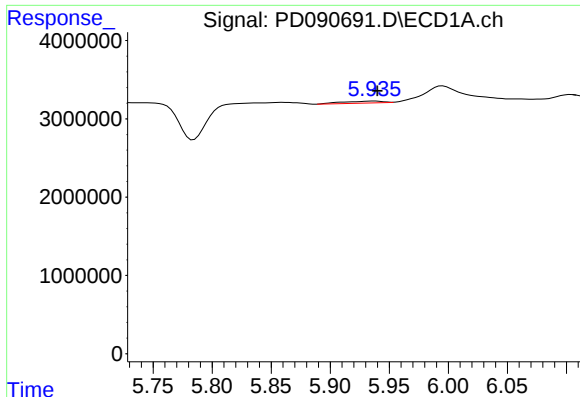
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.005 min
Response: 3577852
Conc: 0.62 ng/ml



#8 Heptachlor epoxide

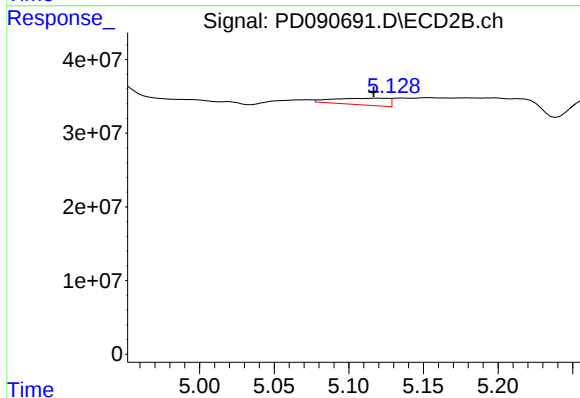
R.T.: 4.860 min
Delta R.T.: -0.004 min
Response: 5131894
Conc: 0.12 ng/ml



#10 gamma-Chlordane

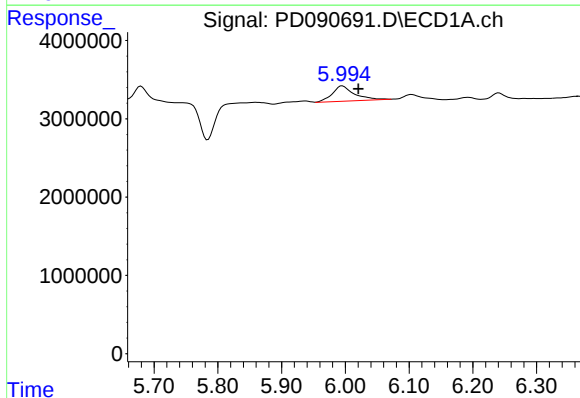
R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 593444
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



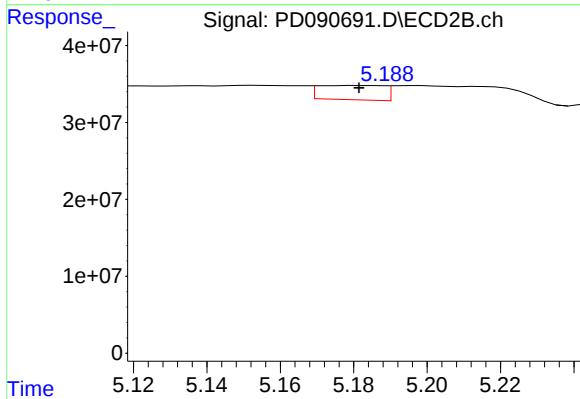
#10 gamma-Chlordane

R.T.: 5.121 min
Delta R.T.: 0.004 min
Response: 23195792
Conc: 0.52 ng/ml



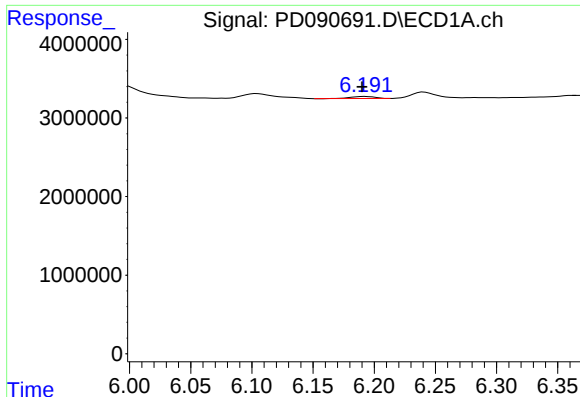
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.025 min
Response: 4719939
Conc: 0.76 ng/ml



#11 alpha-Chlordane

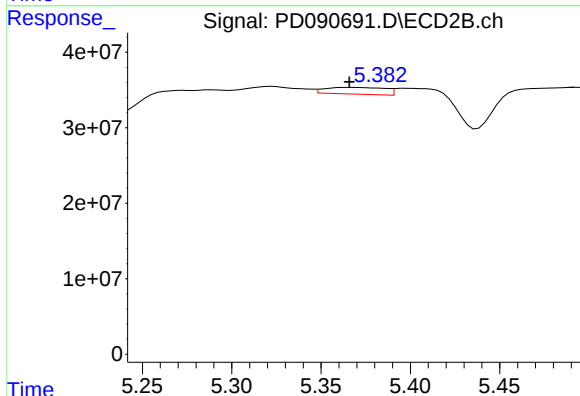
R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 22943326
Conc: 0.53 ng/ml



#12 4,4'-DDE

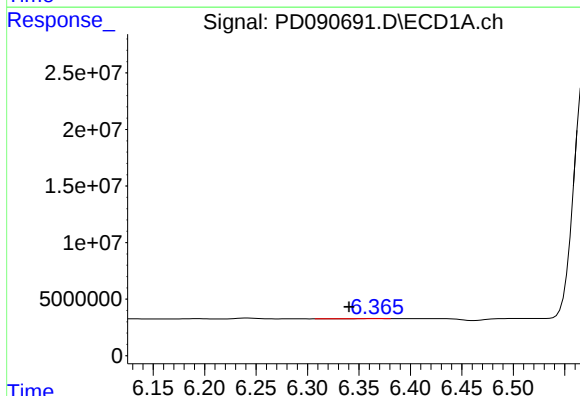
R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 359208
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



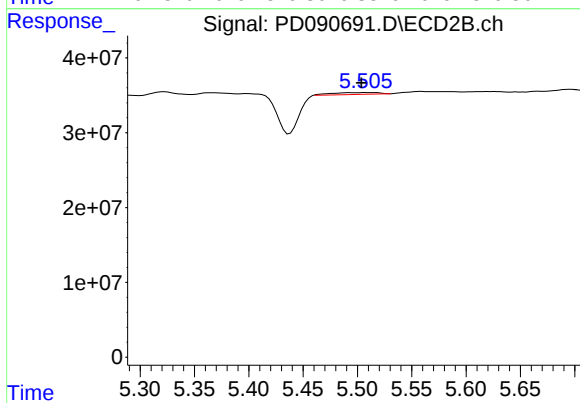
#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 20556913
Conc: 0.47 ng/ml



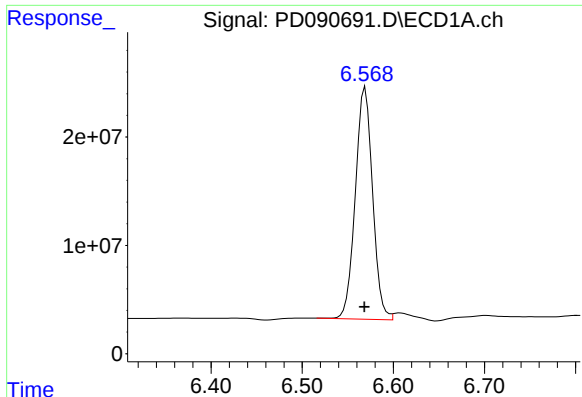
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.026 min
Response: 171333
Conc: 0.03 ng/ml



#13 Dieldrin

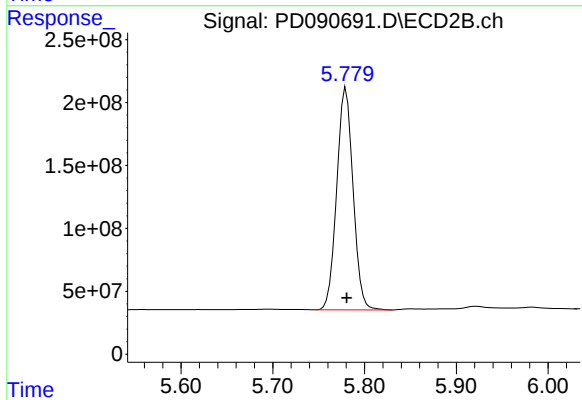
R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 7444153
Conc: 0.17 ng/ml



#14 Endrin

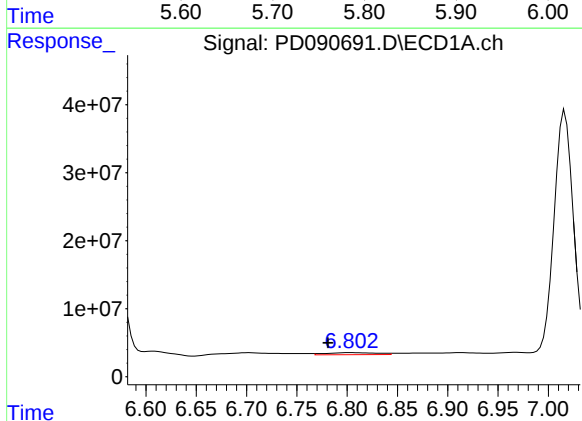
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 281855167
Conc: 56.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



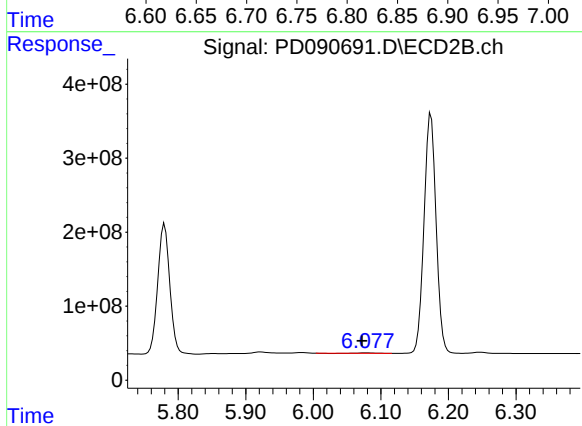
#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2186112459
Conc: 53.99 ng/ml



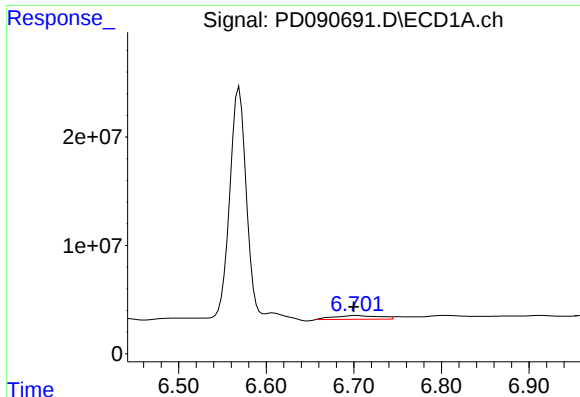
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.022 min
Response: 10734636
Conc: 2.15 ng/ml



#15 Endosulfan II

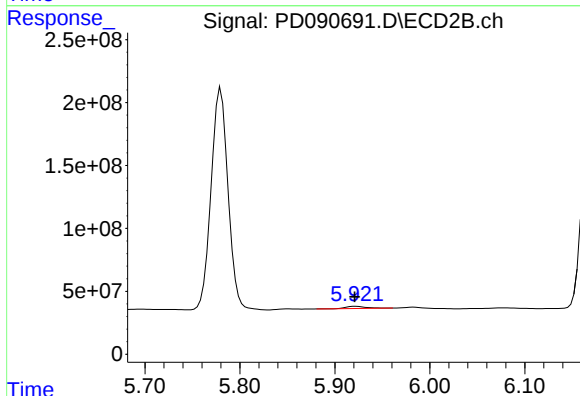
R.T.: 6.078 min
Delta R.T.: 0.006 min
Response: 6181758
Conc: 0.16 ng/ml



#16 4,4'-DDD

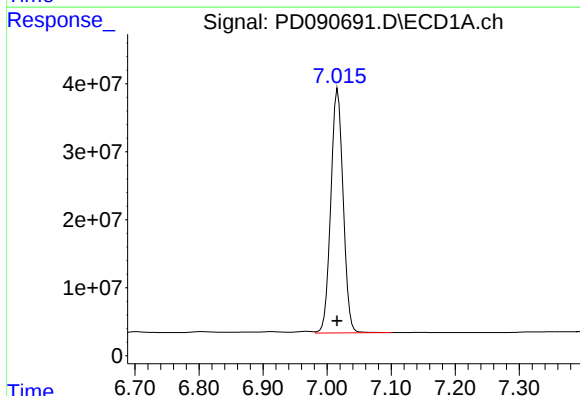
R.T.: 6.702 min
Delta R.T.: 0.002 min
Response: 12676279
Conc: 3.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



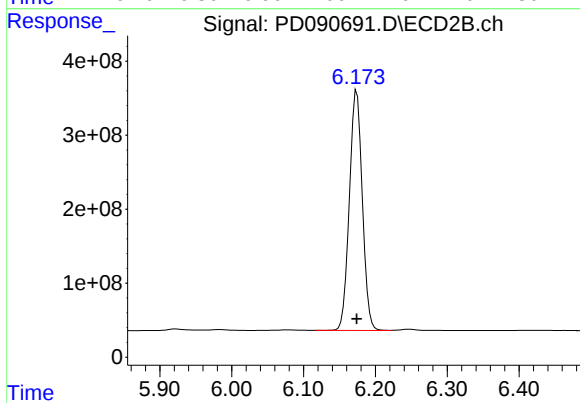
#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.001 min
Response: 24447232
Conc: 0.67 ng/ml



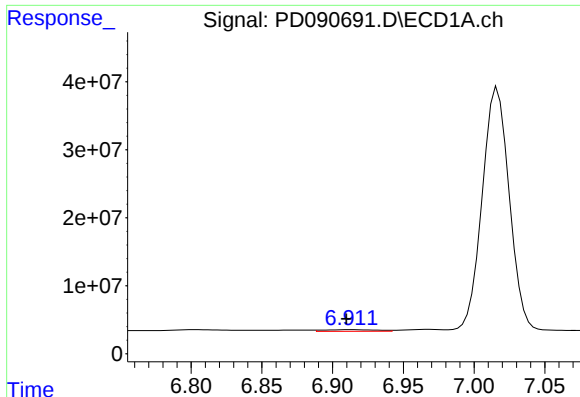
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: 0.001 min
Response: 480334593
Conc: 116.86 ng/ml



#17 4,4'-DDT

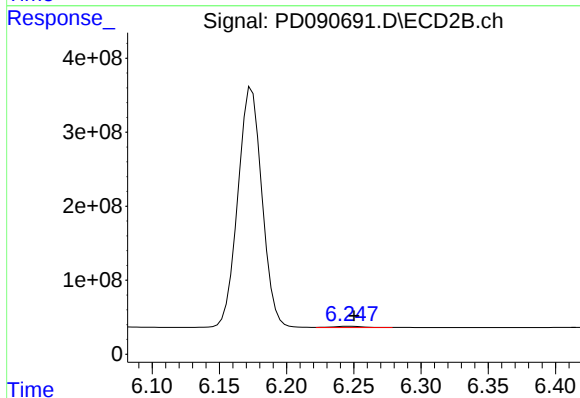
R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 4054769957
Conc: 115.61 ng/ml



#18 Endrin aldehyde

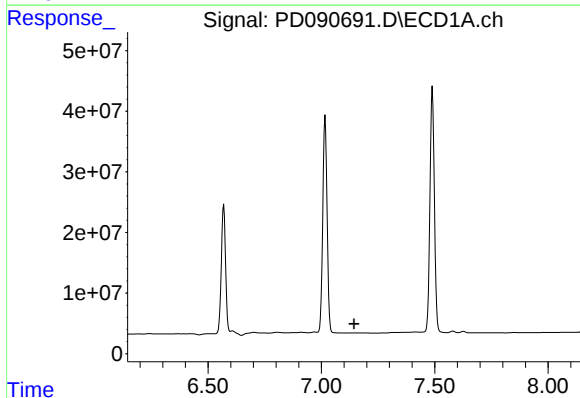
R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 6310526
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



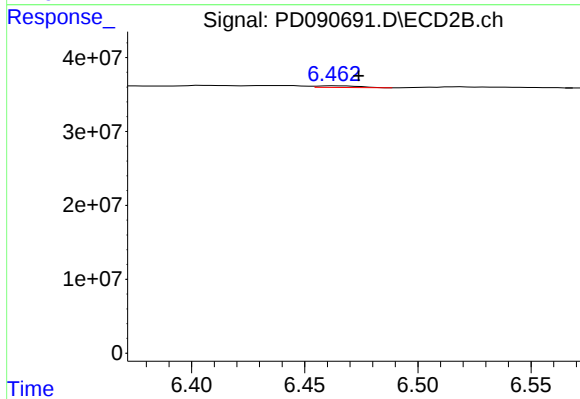
#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 24520300
Conc: 0.89 ng/ml



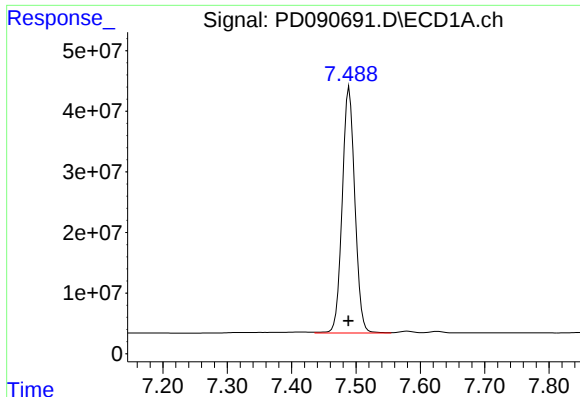
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.145 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

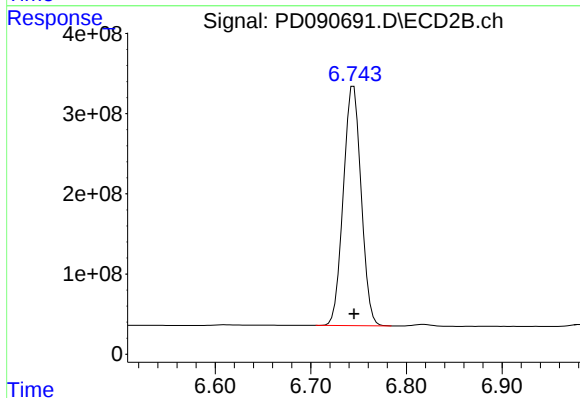
R.T.: 6.463 min
Delta R.T.: -0.011 min
Response: 3015196
Conc: 0.08 ng/ml



#20 Methoxychlor

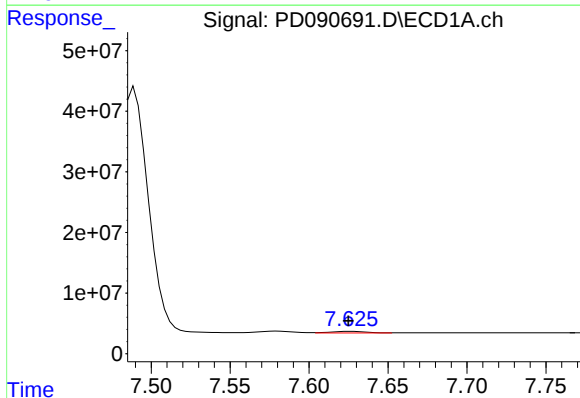
R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 554378527
Conc: 260.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



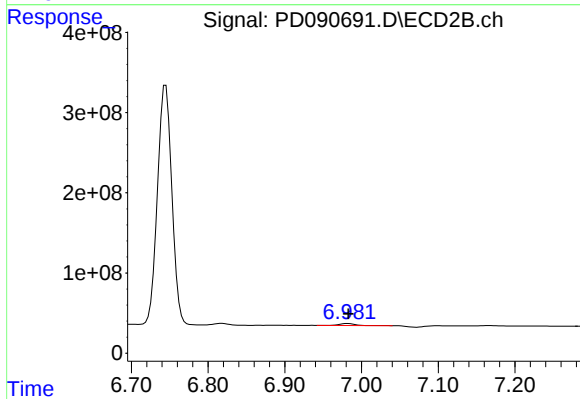
#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3882982249
Conc: 222.80 ng/ml



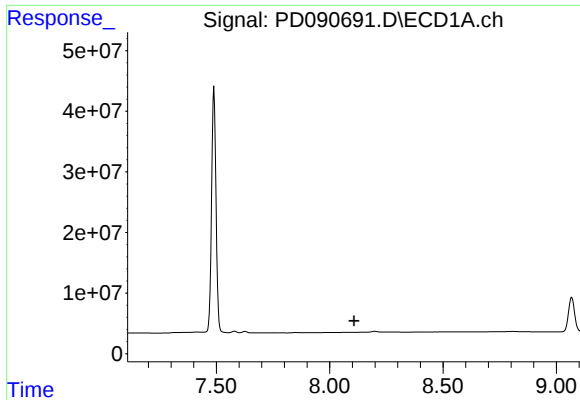
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.002 min
Response: 3868873
Conc: 0.80 ng/ml



#21 Endrin ketone

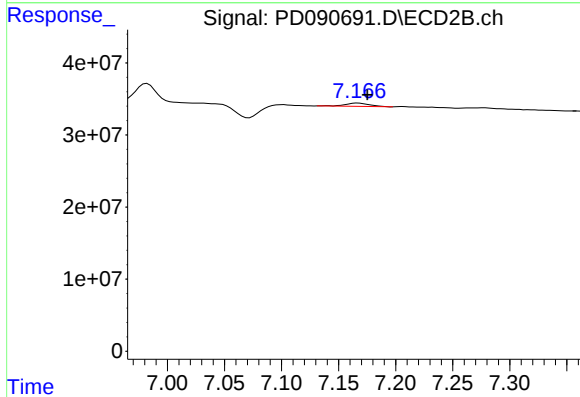
R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 33404333
Conc: 0.89 ng/ml



#22 Mirex

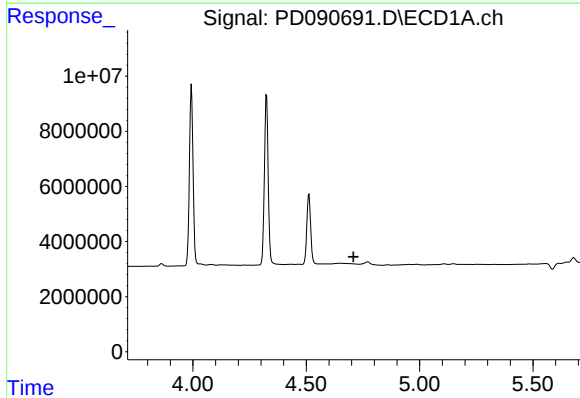
R.T.: 0.000 min
Exp R.T.: 8.107 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



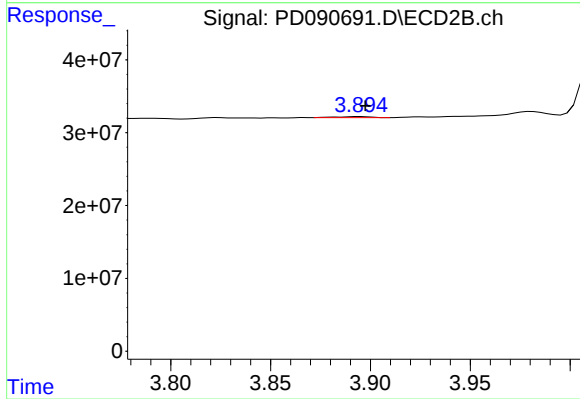
#22 Mirex

R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 6950184
Conc: 0.27 ng/ml



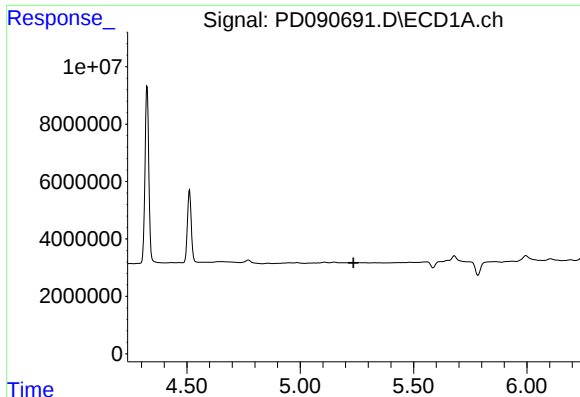
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.



#23 Chlordane-1

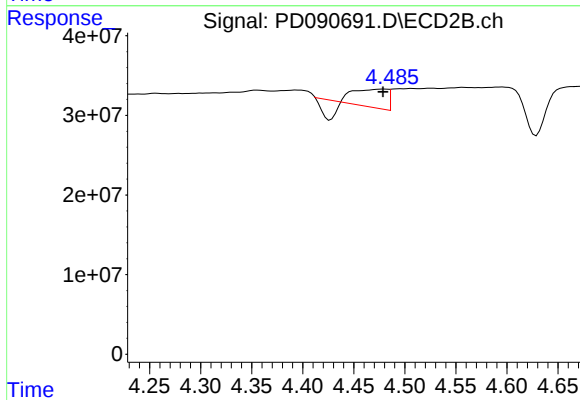
R.T.: 3.895 min
Delta R.T.: -0.002 min
Response: 1721055
Conc: 1.38 ng/ml



#24 Chlordane-2

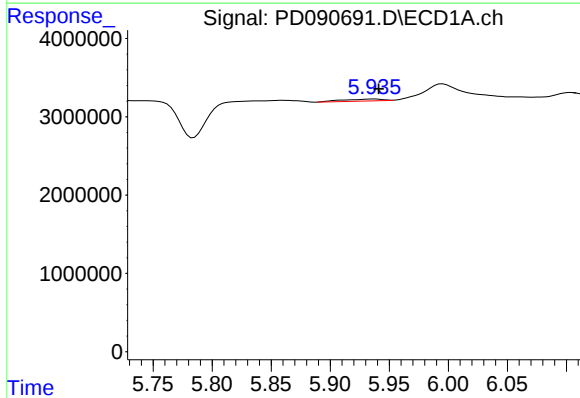
R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



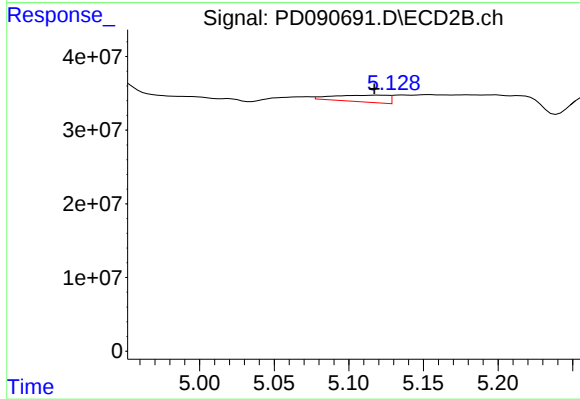
#24 Chlordane-2

R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 34381563
Conc: 26.36 ng/ml



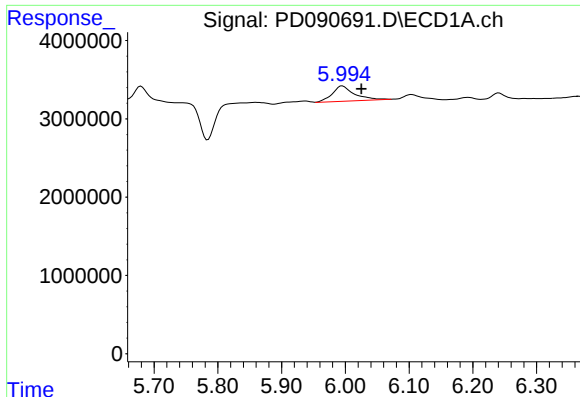
#25 Chlordane-3

R.T.: 5.937 min
Delta R.T.: -0.004 min
Response: 593444
Conc: 0.78 ng/ml



#25 Chlordane-3

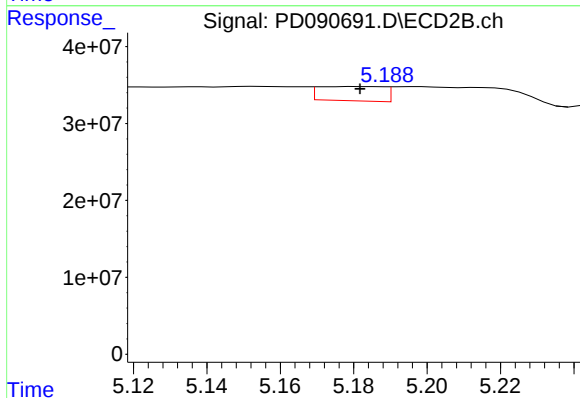
R.T.: 5.121 min
Delta R.T.: 0.003 min
Response: 23195792
Conc: 5.96 ng/ml



#26 Chlordane-4

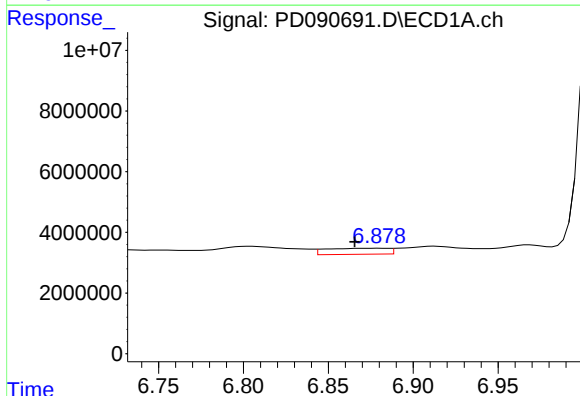
R.T.: 5.995 min
Delta R.T.: -0.030 min
Response: 4719939
Conc: 4.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



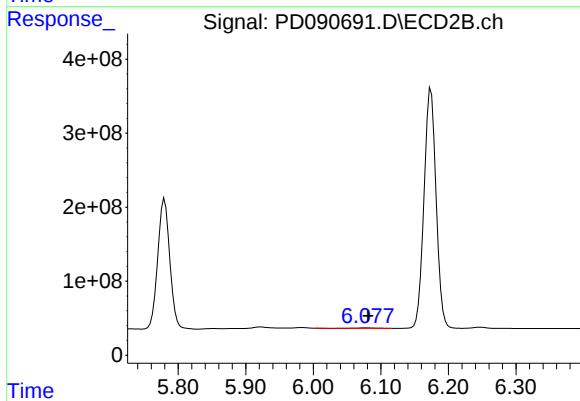
#26 Chlordane-4

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 22943326
Conc: 6.87 ng/ml



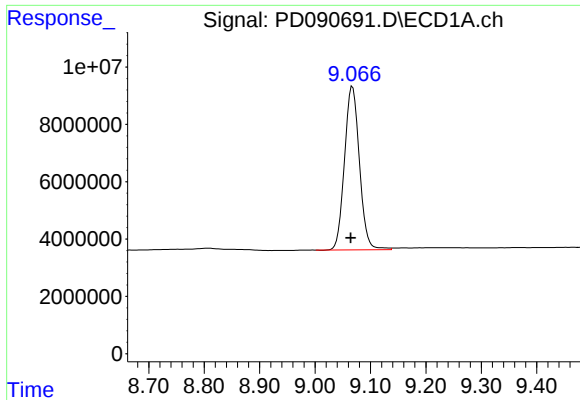
#27 Chlordane-5

R.T.: 6.880 min
Delta R.T.: 0.015 min
Response: 5156560
Conc: 34.32 ng/ml



#27 Chlordane-5

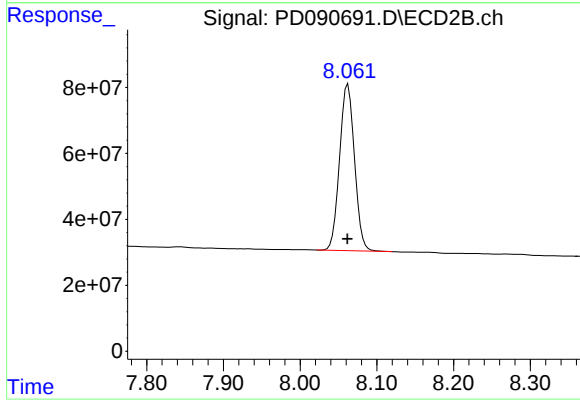
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 6181758
Conc: 4.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: 0.003 min
Response: 106697724
Conc: 22.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 683968348
Conc: 22.58 ng/ml