

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
 Data File : PD091433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Dec 2025 18:45
 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: Dec 03 01:10:32 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	72319684	859.6E6	20.971	23.466
2)	SA Decachlor...	9.064	8.058	98475950	880.3E6	19.767	22.245
Target Compounds							
2)	A alpha-BHC	3.990	3.383	72395919	733.8E6	9.055	11.610 #
3)	MA gamma-BHC...	4.321	3.719	69206987	677.9E6	9.261	11.724 #
4)	MA Heptachlor	4.942f	4.069	1209223	2460719	0.169	0.045 #
5)	MB Aldrin	5.252	4.354	358911	34520718	0.049	0.611 #
6)	B beta-BHC	4.509	4.016	29686268	274.4E6	10.217	11.419
7)	B delta-BHC	4.768	4.255	4672166	2459607	0.629	0.042 #
8)	B Heptachlo...	5.674	4.865	14397297	60840529	2.216	1.194 #
9)	A Endosulfan I	6.093f	0.000	788092	0	0.128	N.D. #
10)	B gamma-Chl...	5.907f	5.114	2456648	325.3E6	0.378	5.954 #
11)	B alpha-Chl...	5.993f	5.176	8931076	246.7E6	1.298	4.715 #
12)	B 4,4'-DDE	6.183	5.363	721653	81489473	0.124	1.525 #
13)	MA Dieldrin	6.360f	5.493	2030532	6720755	0.314	0.124 #
14)	MA Endrin	6.565	5.777	266.7E6	2832.3E6	53.722	62.672
15)	B Endosulfa...	6.766	6.074	7226833	10682548	1.300	0.229 #
16)	A 4,4'-DDD	6.698	5.917	39636419	223.5E6	8.070	4.574 #
17)	MA 4,4'-DDT	7.013	6.171	432.9E6	4734.4E6	104.673	120.983
18)	B Endrin al...	6.909	6.245	14614014	35564204	3.508	1.008 #
19)	B Endosulfa...	7.111f	6.452f	174108	9687637	0.034	0.216 #
20)	A Methoxychlor	7.486	6.741	515.8E6	4799.0E6	237.214	239.333
21)	B Endrin ke...	7.623	6.979	12085136	44273391	2.145	0.869 #
22)	Mirex	8.123f	7.165	1768918	14008290	0.497	0.423
23)	Chlordane-1	0.000	3.894	0	828217	N.D.	0.481 #
24)	Chlordane-2	5.252	4.481	358911	120.0E6	1.453	68.513 #
25)	Chlordane-3	0.000	5.114	0	325.3E6	N.D.	56.534 #
26)	Chlordane-4	0.000	5.176	0	246.7E6	N.D.	51.580 #
27)	Chlordane-5	0.000	6.074	0	10682548	N.D.	5.264 #

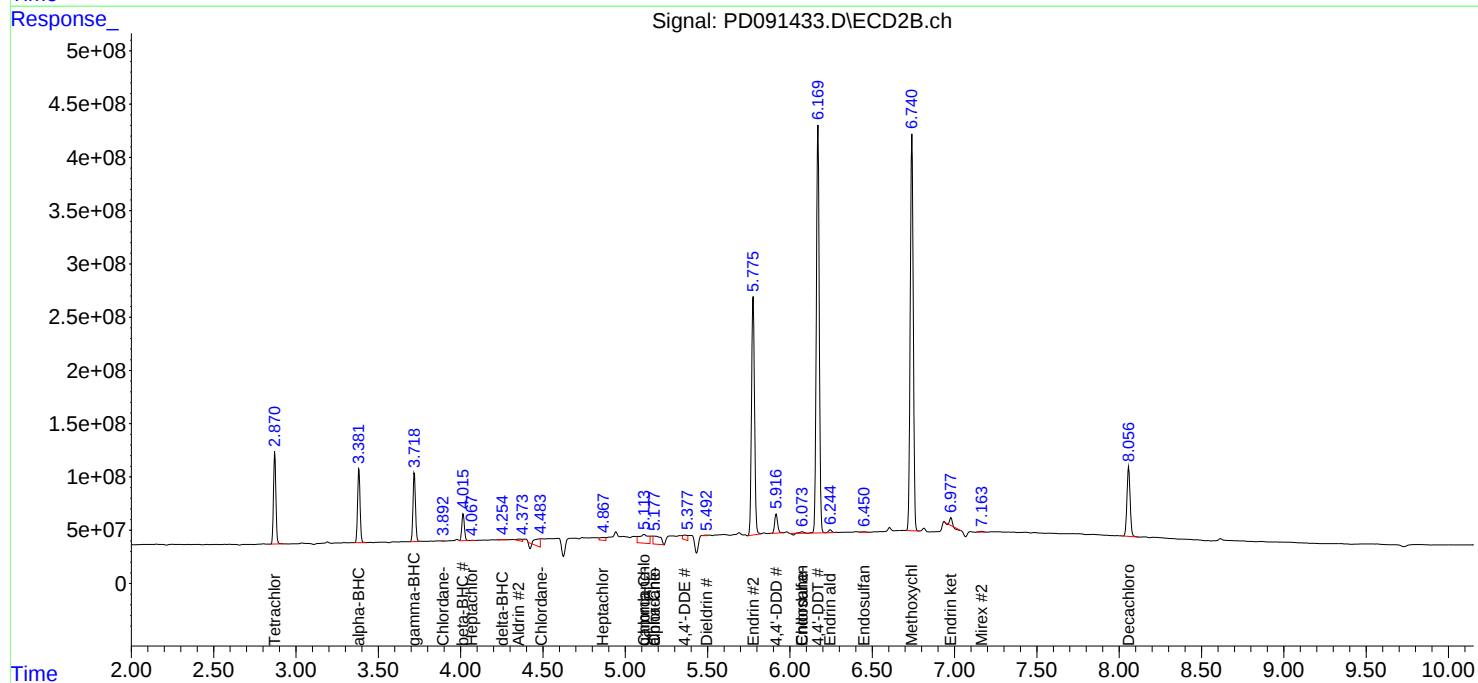
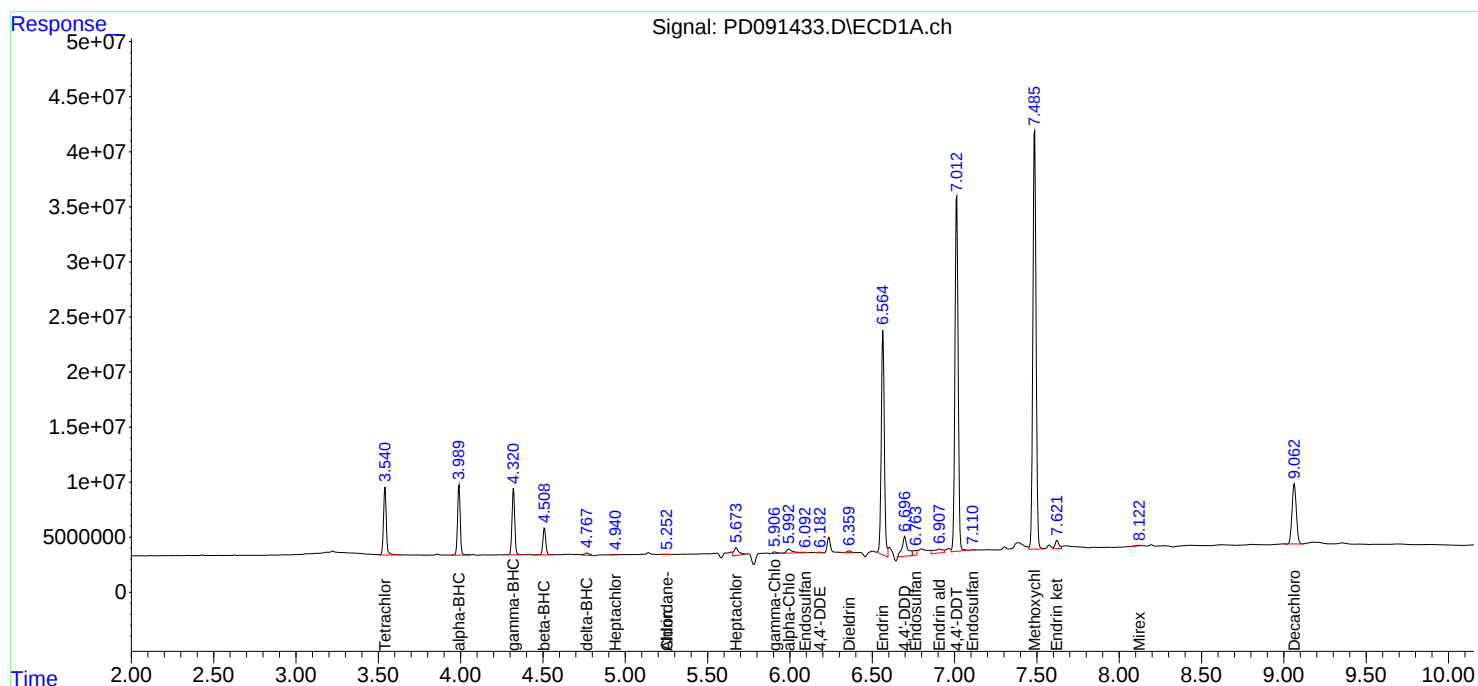
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

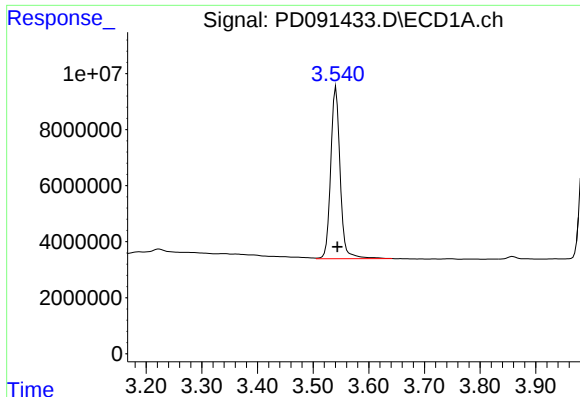
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120225\
Data File : PD091433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Dec 2025 18:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 03 01:10:32 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

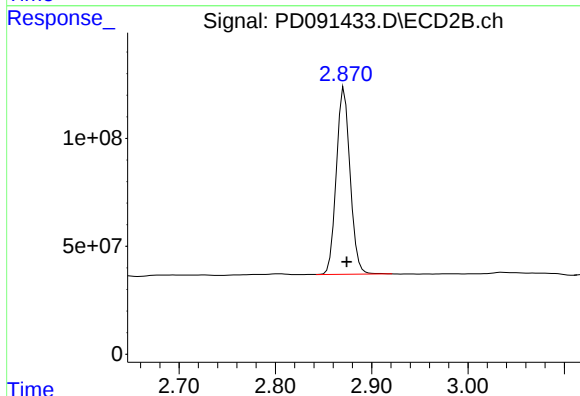




#1 Tetrachloro-m-xylene

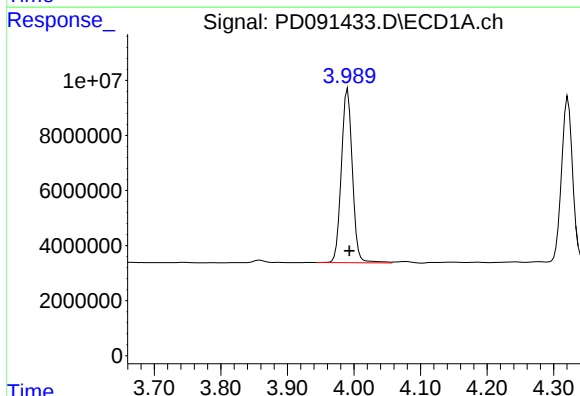
R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 72319684
Conc: 20.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



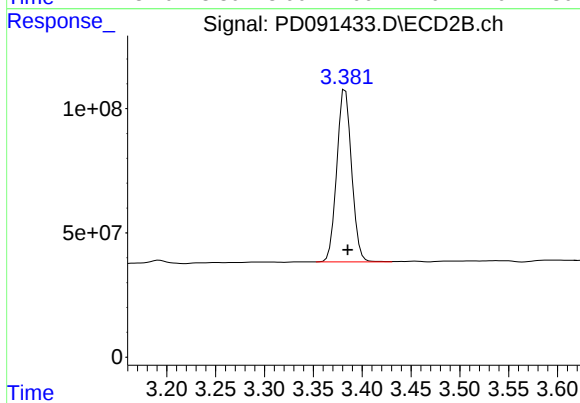
#1 Tetrachloro-m-xylene

R.T.: 2.872 min
Delta R.T.: -0.003 min
Response: 859563283
Conc: 23.47 ng/ml



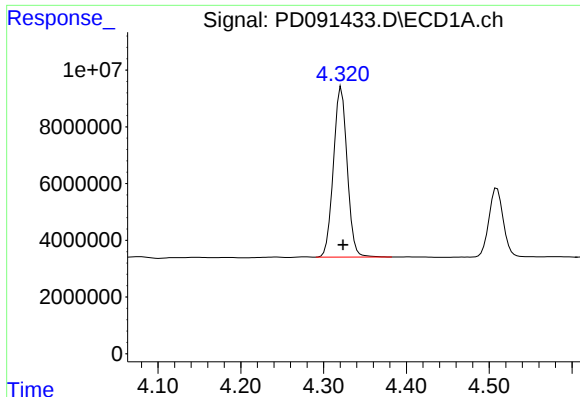
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.003 min
Response: 72395919
Conc: 9.05 ng/ml



#2 alpha-BHC

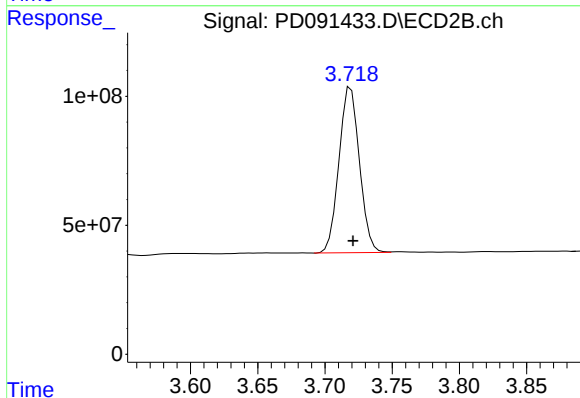
R.T.: 3.383 min
Delta R.T.: -0.002 min
Response: 733755995
Conc: 11.61 ng/ml



#3 gamma-BHC (Lindane)

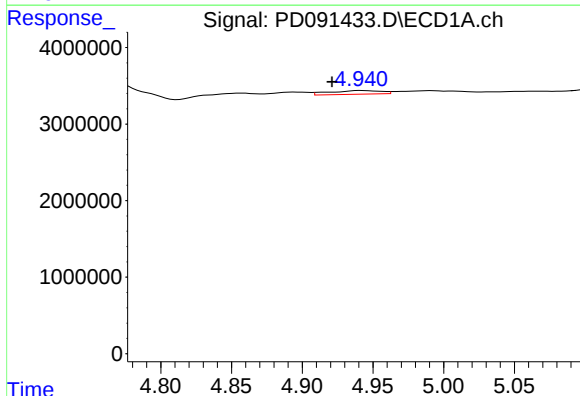
R.T.: 4.321 min
Delta R.T.: -0.002 min
Response: 69206987
Conc: 9.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



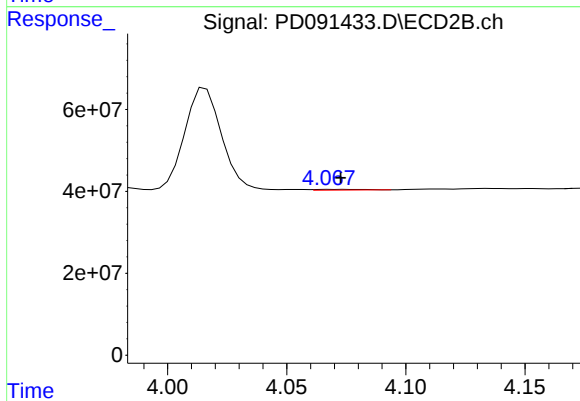
#3 gamma-BHC (Lindane)

R.T.: 3.719 min
Delta R.T.: -0.002 min
Response: 677912635
Conc: 11.72 ng/ml



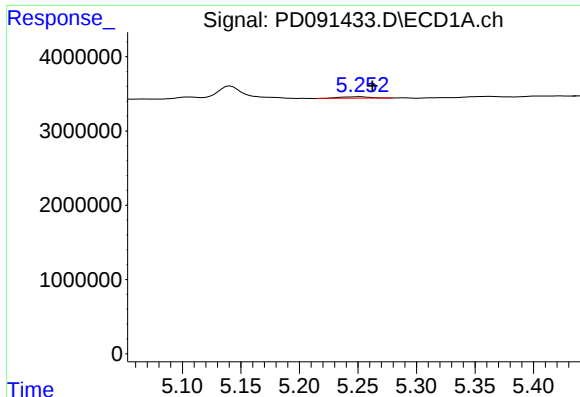
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.021 min
Response: 1209223
Conc: 0.17 ng/ml



#4 Heptachlor

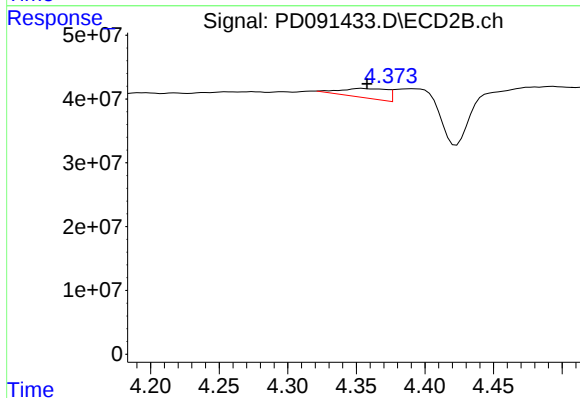
R.T.: 4.069 min
Delta R.T.: -0.004 min
Response: 2460719
Conc: 0.04 ng/ml



#5 Aldrin

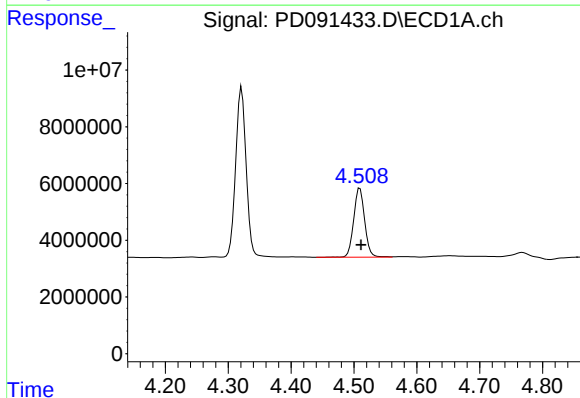
R.T.: 5.252 min
Delta R.T.: -0.010 min
Response: 358911
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



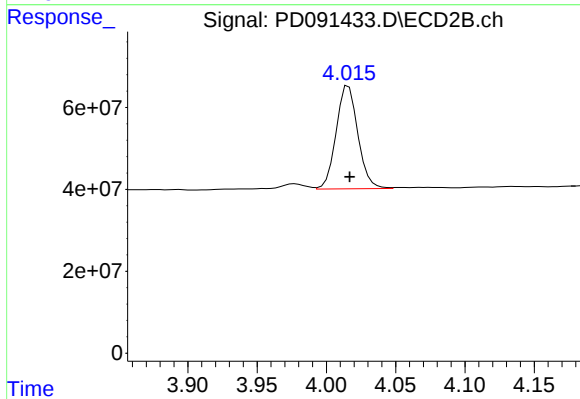
#5 Aldrin

R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 34520718
Conc: 0.61 ng/ml



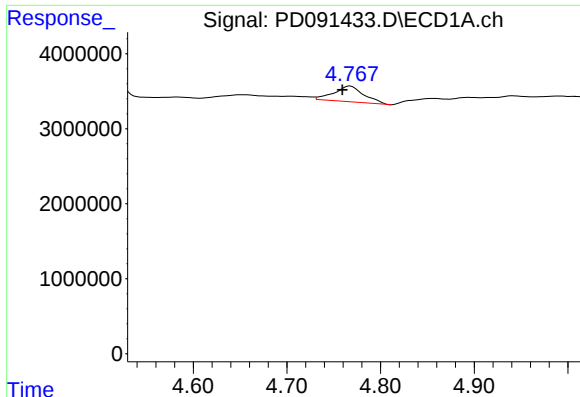
#6 beta-BHC

R.T.: 4.509 min
Delta R.T.: -0.002 min
Response: 29686268
Conc: 10.22 ng/ml



#6 beta-BHC

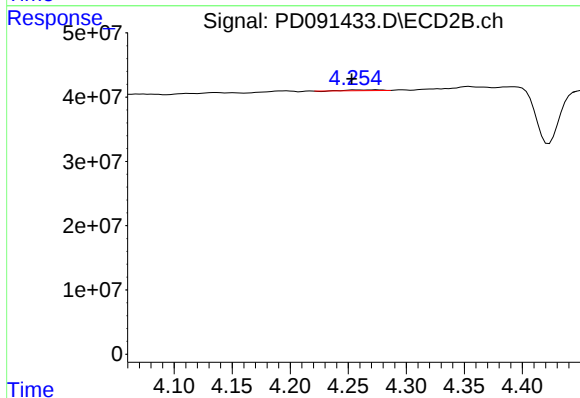
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 274363798
Conc: 11.42 ng/ml



#7 delta-BHC

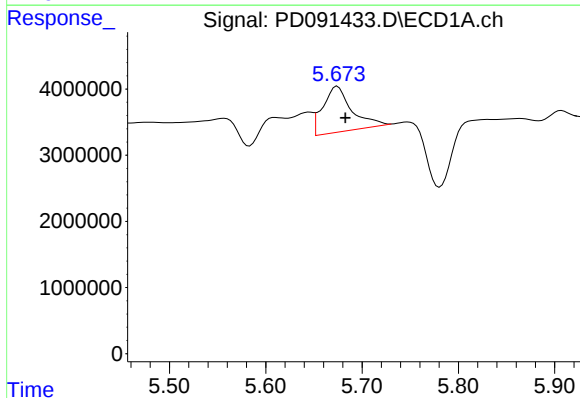
R.T.: 4.768 min
Delta R.T.: 0.008 min
Response: 4672166
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



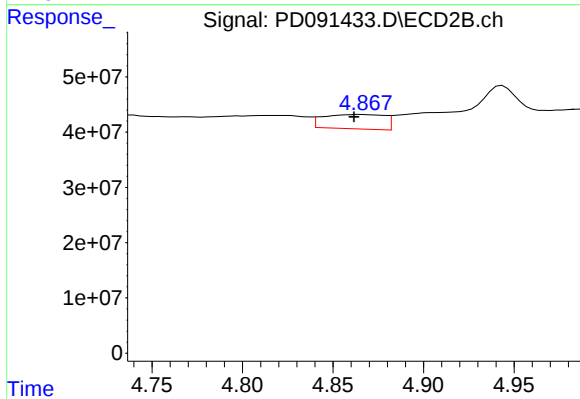
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.002 min
Response: 2459607
Conc: 0.04 ng/ml



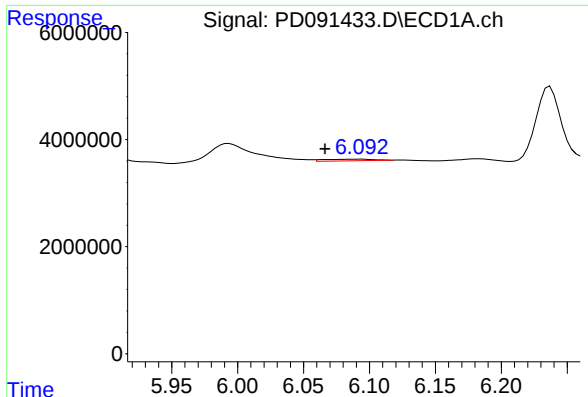
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.008 min
Response: 14397297
Conc: 2.22 ng/ml



#8 Heptachlor epoxide

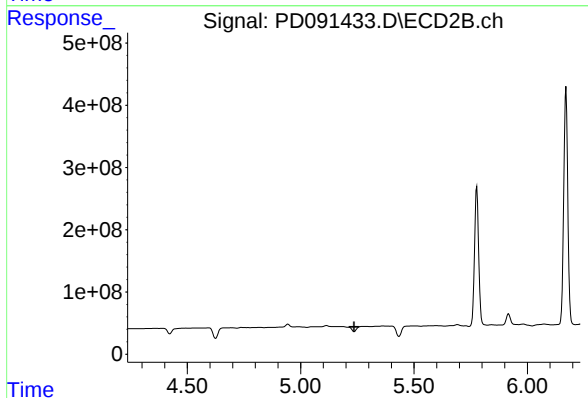
R.T.: 4.865 min
Delta R.T.: 0.003 min
Response: 60840529
Conc: 1.19 ng/ml



#9 Endosulfan I

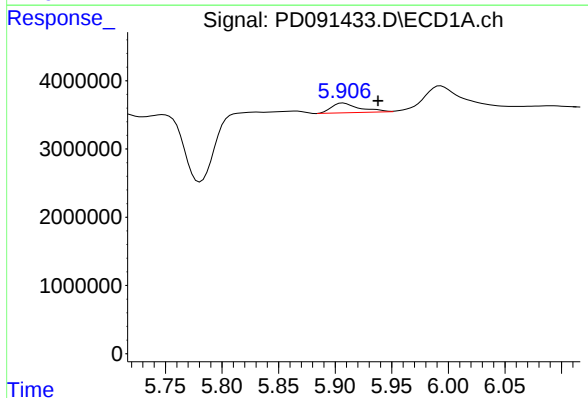
R.T.: 6.093 min
Delta R.T.: 0.027 min
Response: 788092
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



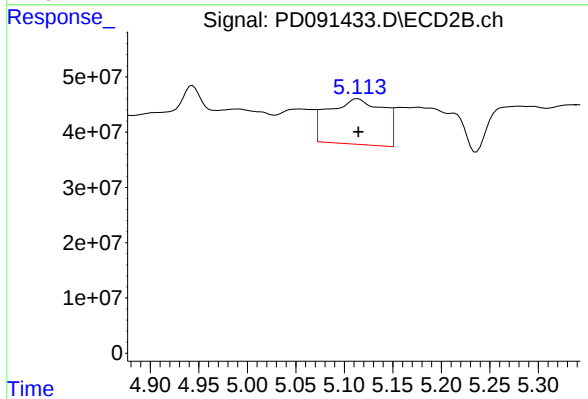
#9 Endosulfan I

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



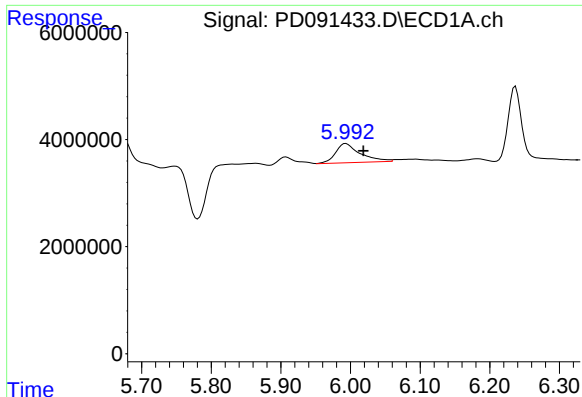
#10 gamma-Chlordane

R.T.: 5.907 min
Delta R.T.: -0.031 min
Response: 2456648
Conc: 0.38 ng/ml



#10 gamma-Chlordane

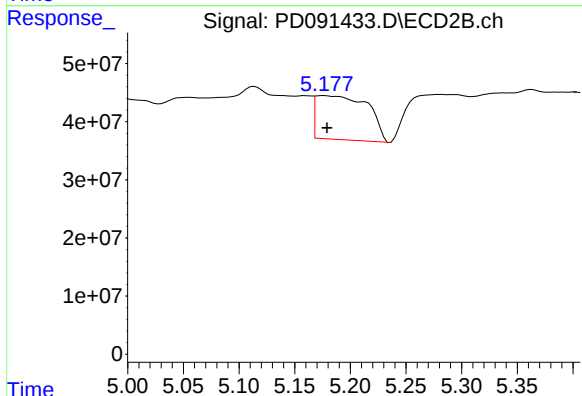
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 325274597
Conc: 5.95 ng/ml



#11 alpha-Chlordane

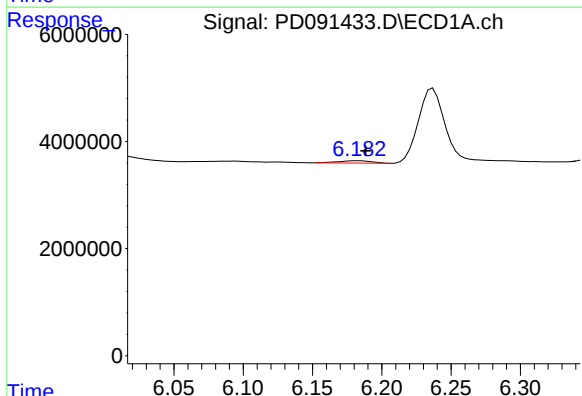
R.T.: 5.993 min
Delta R.T.: -0.025 min
Response: 8931076
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



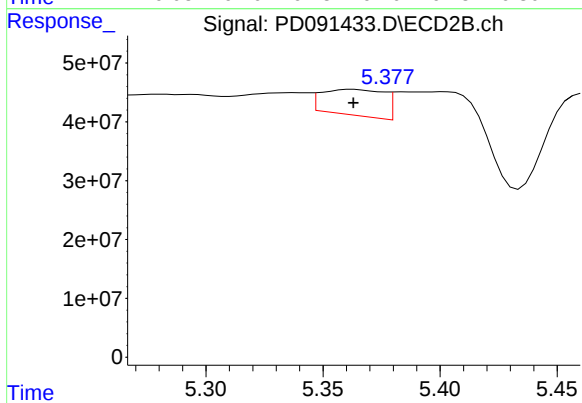
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: -0.003 min
Response: 246734554
Conc: 4.71 ng/ml



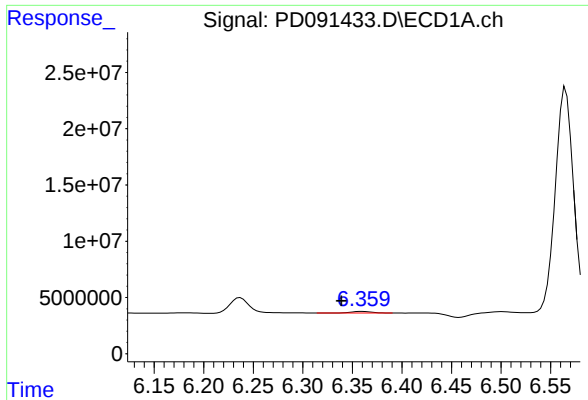
#12 4,4'-DDE

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 721653
Conc: 0.12 ng/ml



#12 4,4'-DDE

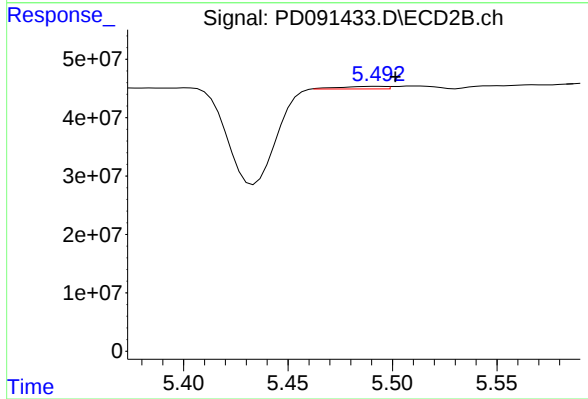
R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 81489473
Conc: 1.52 ng/ml



#13 Dieldrin

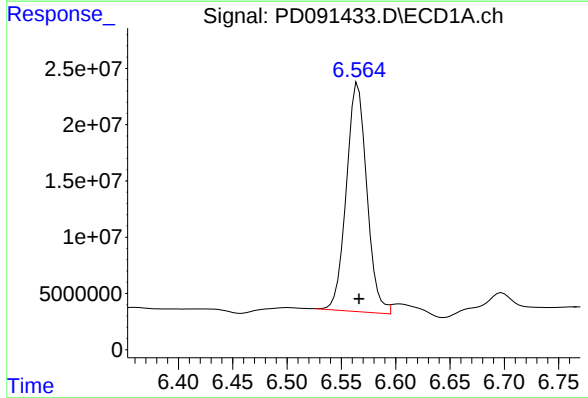
R.T.: 6.360 min
Delta R.T.: 0.021 min
Response: 2030532
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



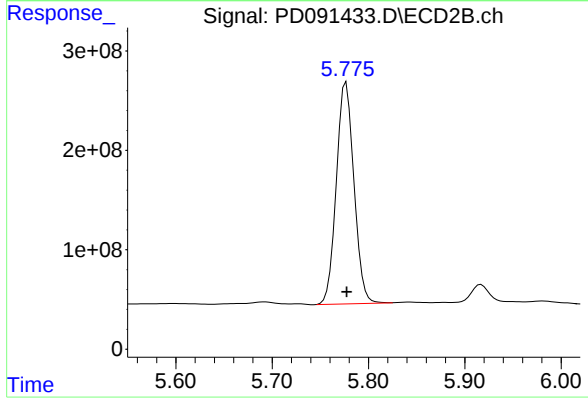
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: -0.008 min
Response: 6720755
Conc: 0.12 ng/ml



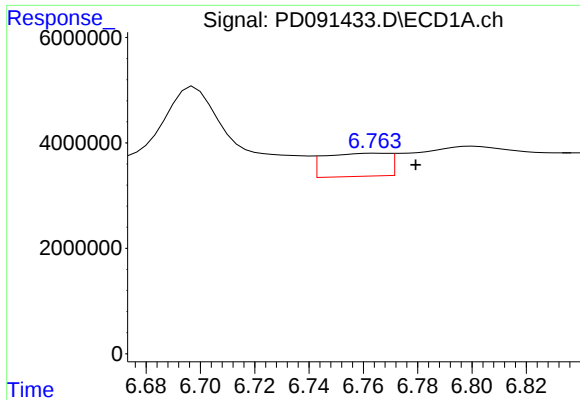
#14 Endrin

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 266650184
Conc: 53.72 ng/ml



#14 Endrin

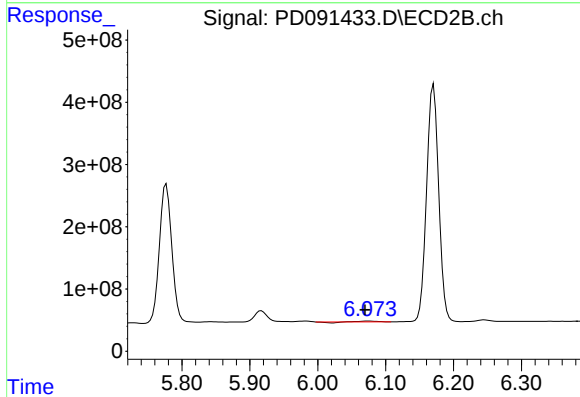
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2832335568
Conc: 62.67 ng/ml



#15 Endosulfan II

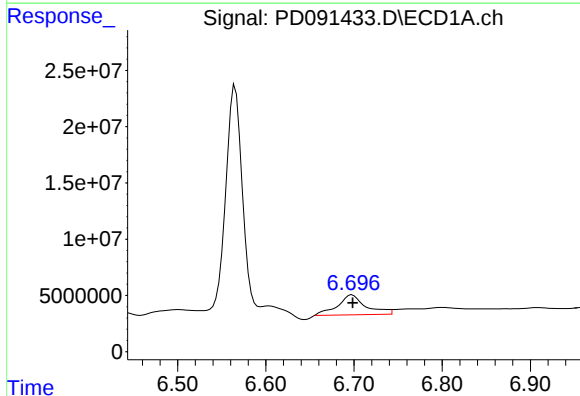
R.T.: 6.766 min
Delta R.T.: -0.013 min
Response: 7226833
Conc: 1.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



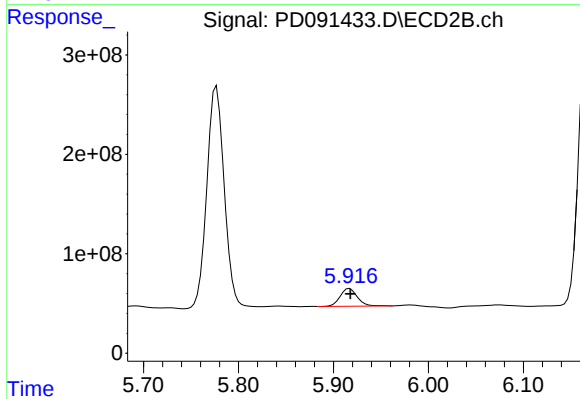
#15 Endosulfan II

R.T.: 6.074 min
Delta R.T.: 0.005 min
Response: 10682548
Conc: 0.23 ng/ml



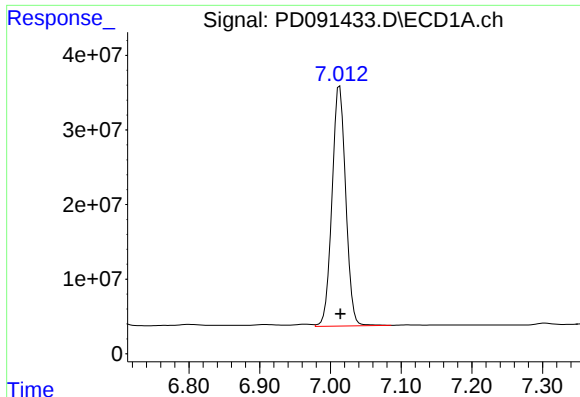
#16 4,4'-DDD

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 39636419
Conc: 8.07 ng/ml



#16 4,4'-DDD

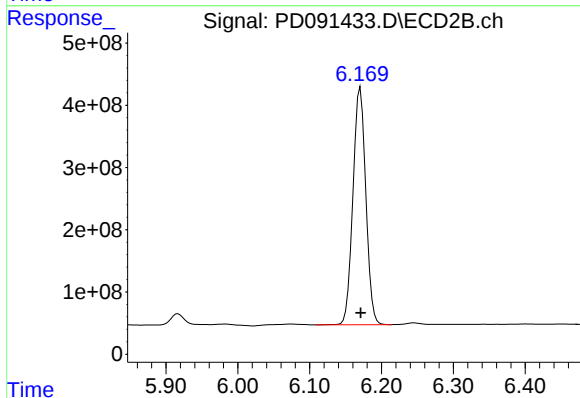
R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 223533161
Conc: 4.57 ng/ml



#17 4,4'-DDT

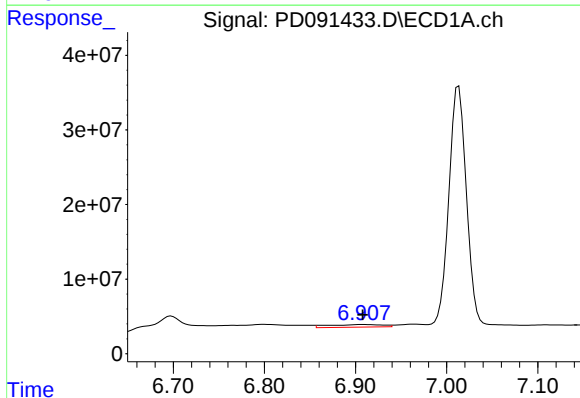
R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 432878070
Conc: 104.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



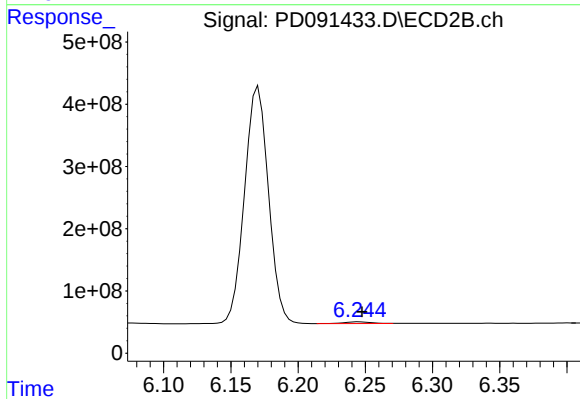
#17 4,4'-DDT

R.T.: 6.171 min
Delta R.T.: 0.000 min
Response: 4734385754
Conc: 120.98 ng/ml



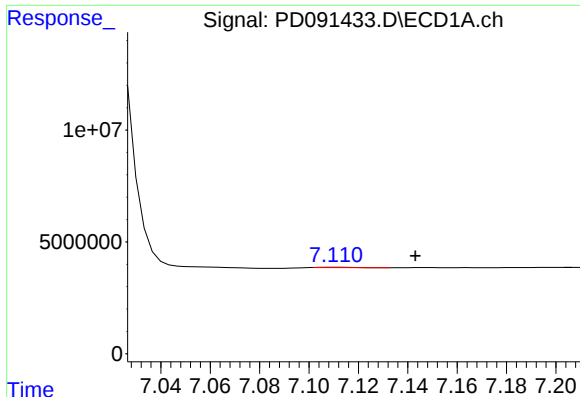
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 14614014
Conc: 3.51 ng/ml



#18 Endrin aldehyde

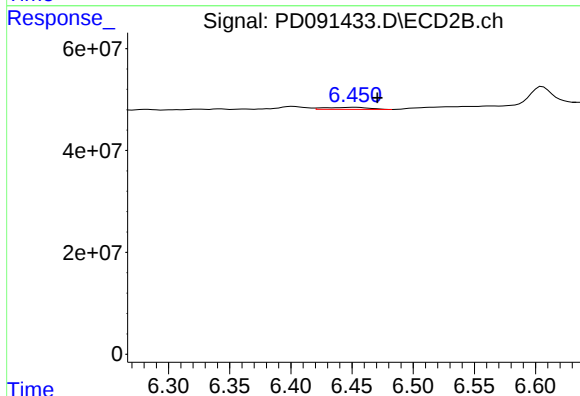
R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 35564204
Conc: 1.01 ng/ml



#19 Endosulfan Sulfate

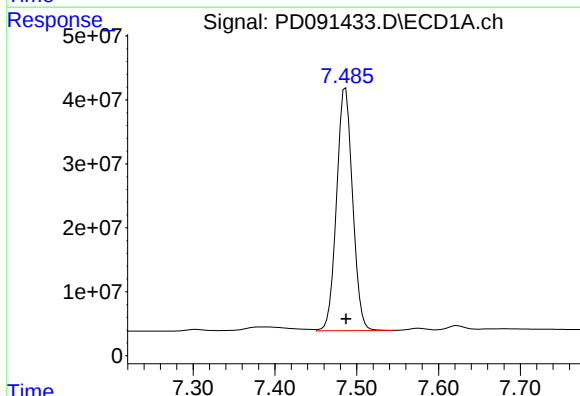
R.T.: 7.111 min
Delta R.T.: -0.032 min
Response: 174108
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



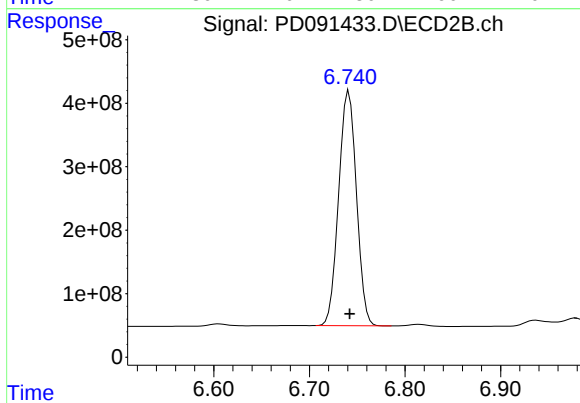
#19 Endosulfan Sulfate

R.T.: 6.452 min
Delta R.T.: -0.019 min
Response: 9687637
Conc: 0.22 ng/ml



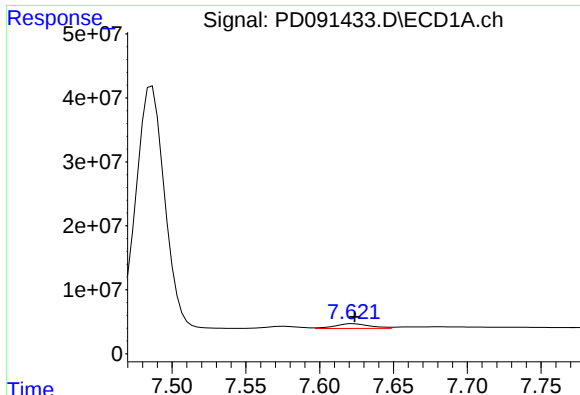
#20 Methoxychlor

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 515783141
Conc: 237.21 ng/ml



#20 Methoxychlor

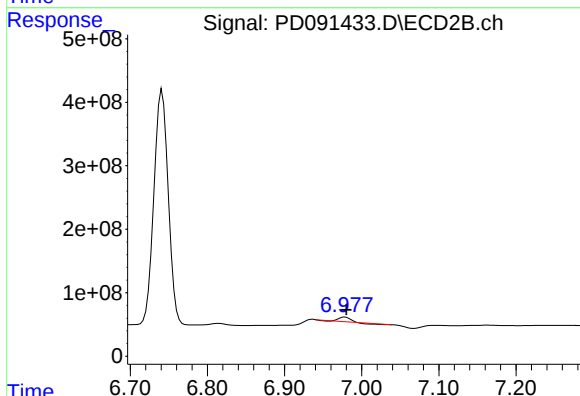
R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 4798968387
Conc: 239.33 ng/ml



#21 Endrin ketone

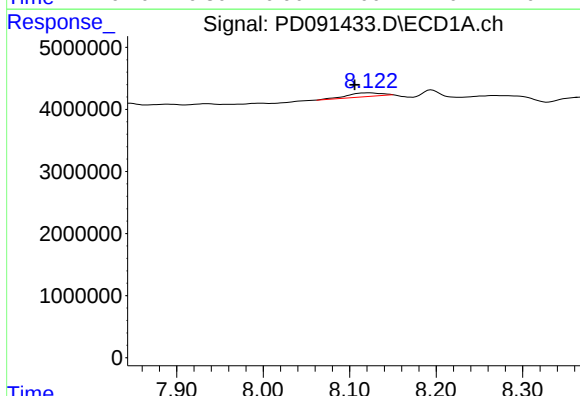
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 12085136
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



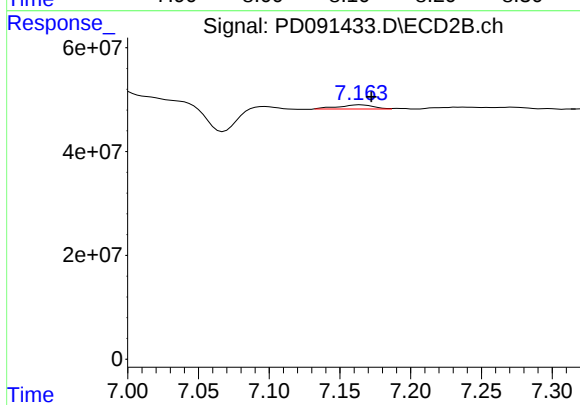
#21 Endrin ketone

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 44273391
Conc: 0.87 ng/ml



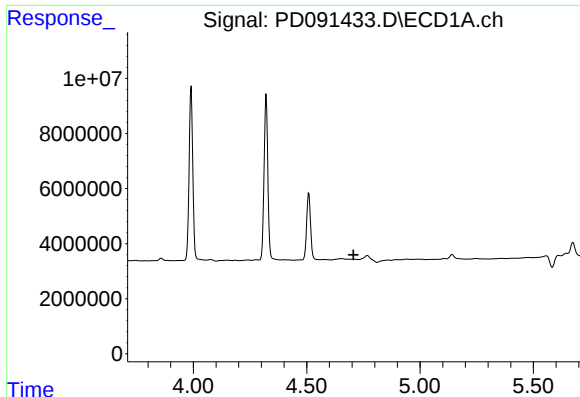
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.017 min
Response: 1768918
Conc: 0.50 ng/ml



#22 Mirex

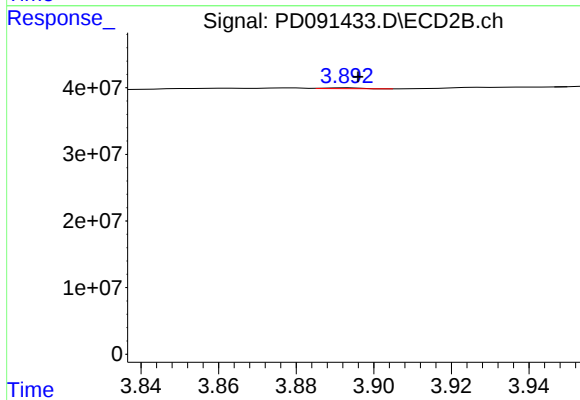
R.T.: 7.165 min
Delta R.T.: -0.008 min
Response: 14008290
Conc: 0.42 ng/ml



#23 Chlordane-1

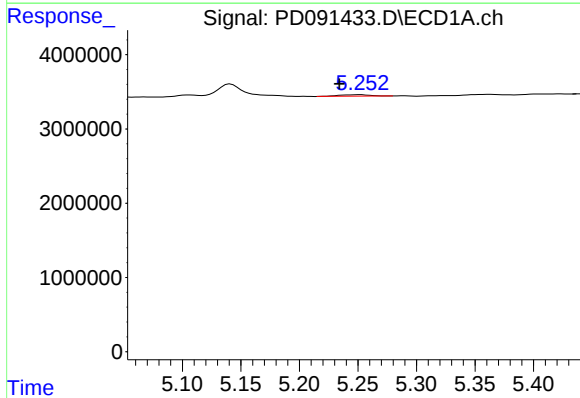
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



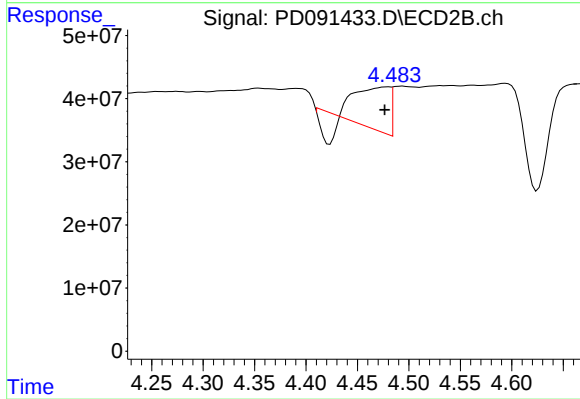
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: -0.002 min
Response: 828217
Conc: 0.48 ng/ml



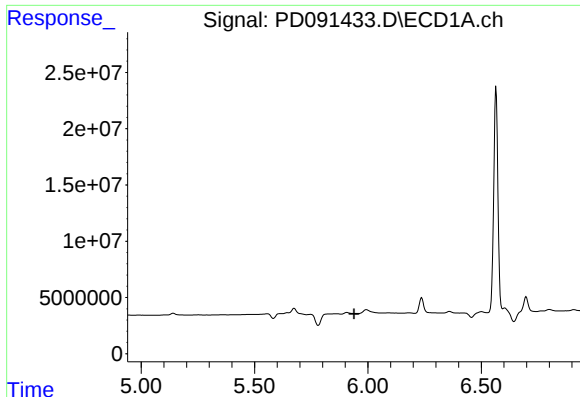
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.018 min
Response: 358911
Conc: 1.45 ng/ml



#24 Chlordane-2

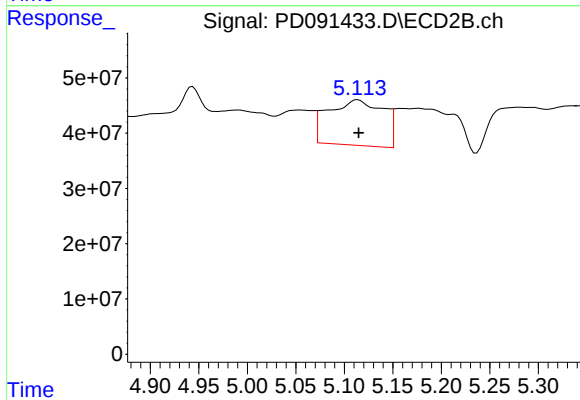
R.T.: 4.481 min
Delta R.T.: 0.004 min
Response: 119968453
Conc: 68.51 ng/ml



#25 Chlordane-3

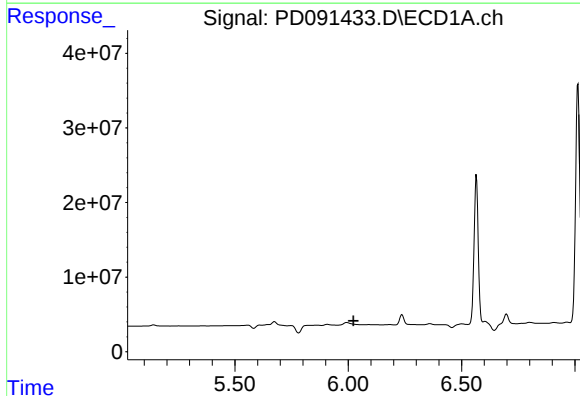
R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



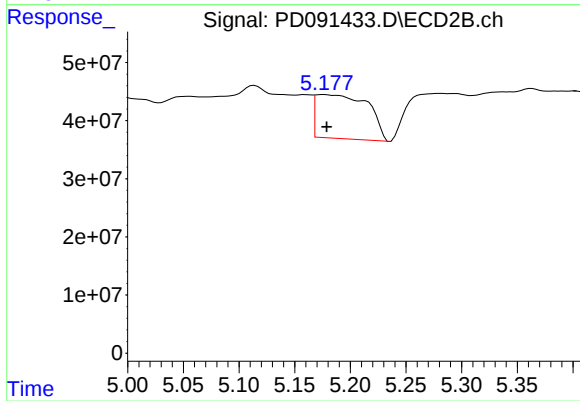
#25 Chlordane-3

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 325274597
Conc: 56.53 ng/ml



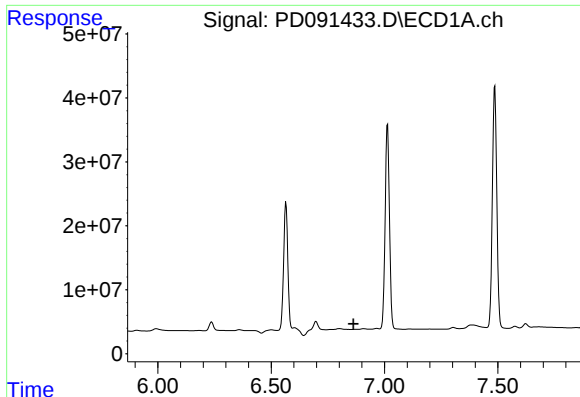
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.024 min
Response: 0
Conc: N.D.



#26 Chlordane-4

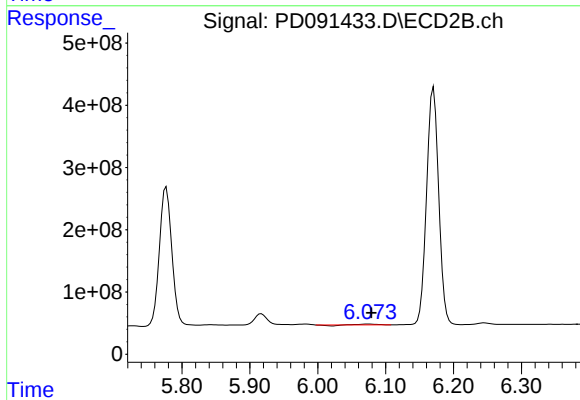
R.T.: 5.176 min
Delta R.T.: -0.002 min
Response: 246734554
Conc: 51.58 ng/ml



#27 Chlordane-5

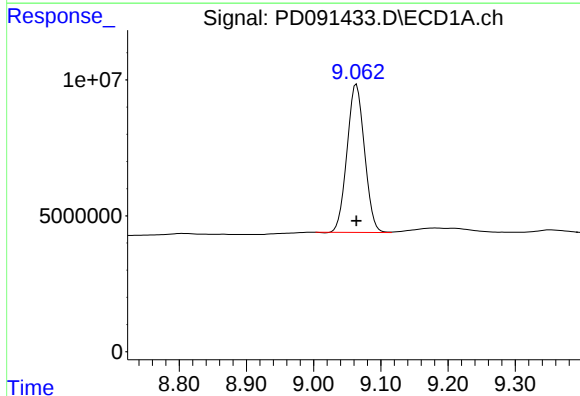
R.T.: 0.000 min
Exp R.T.: 6.863 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



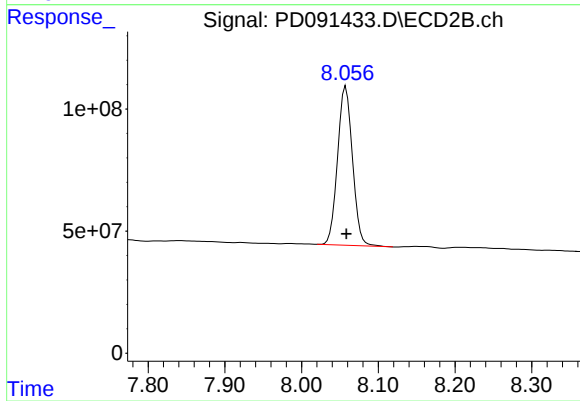
#27 Chlordane-5

R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 10682548
Conc: 5.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 98475950
Conc: 19.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 880341220
Conc: 22.24 ng/ml