

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030323\
 Data File : PD074109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Mar 2023 10:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 02 21:28:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 01:35:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.553	2.775	44015377	22298592	19.211	18.827
28)	SA Decachlor...	9.101	7.931	54038581	23511854	20.273	19.203
Target Compounds							
2)	A alpha-BHC	4.010	3.279	34570496	16076927	9.030	8.984
3)	MA gamma-BHC...	4.343	3.609	33391740	14885762	9.504	8.974
6)	B beta-BHC	4.537	3.904	16137537	7676037	10.738	10.440
7)	B delta-BHC	4.779	0.000	3790610	0	1.352	N.D. #
8)	B Heptachlo...	5.698	0.000	1176907	0	0.413	N.D. #
10)	B gamma-Chl...	5.933f	4.993	547801	528721	0.179	0.347 #
12)	B 4,4'-DDE	6.214	5.243	516128	345542	0.182	0.249 #
13)	MA Dieldrin	6.390f	0.000	1249542	0	0.412	N.D. #
14)	MA Endrin	6.600	5.647	113.5E6	56135514	43.284	42.968
15)	B Endosulfa...	6.835f	5.958f	1773672	842937	0.610	0.655
16)	A 4,4'-DDD	6.732	5.796	9574130	4959577	4.086	4.298
17)	MA 4,4'-DDT	7.048	6.047	235.0E6	107.9E6	86.162	90.092
18)	B Endrin al...	6.949	6.122	4800432	3177163	2.316	3.122 #
19)	B Endosulfa...	0.000	6.335	0	515469	N.D.	0.425 #
20)	A Methoxychlor	7.523	6.624	316.9E6	135.7E6	213.362	207.396
21)	B Endrin ke...	7.671	6.850	11034196	5574736	3.764	3.836
22)	Mirex	8.155	0.000	76413	0	0.034	N.D. #
25)	Chlordane-3	5.933f	4.993	547801	528721	1.071	3.112 #
27)	Chlordane-5	0.000	5.958	0	842937	N.D.	13.108 #

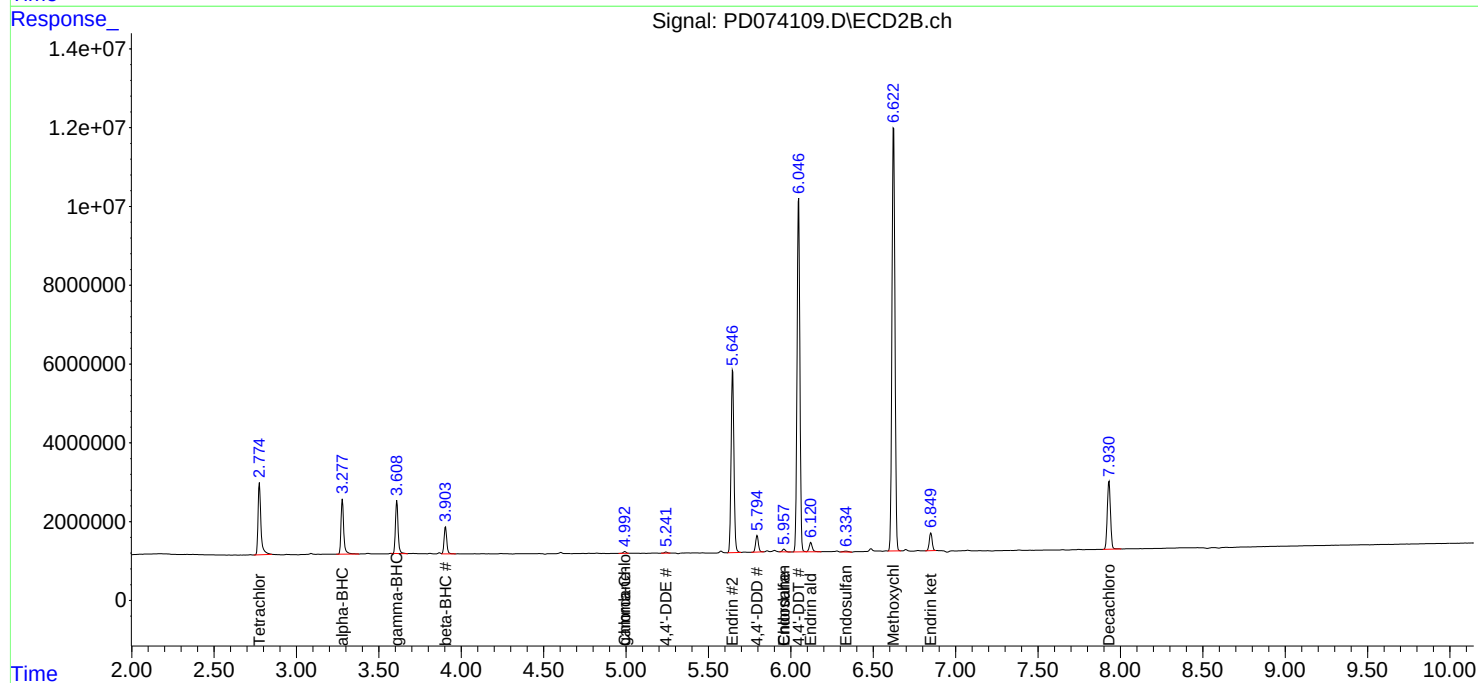
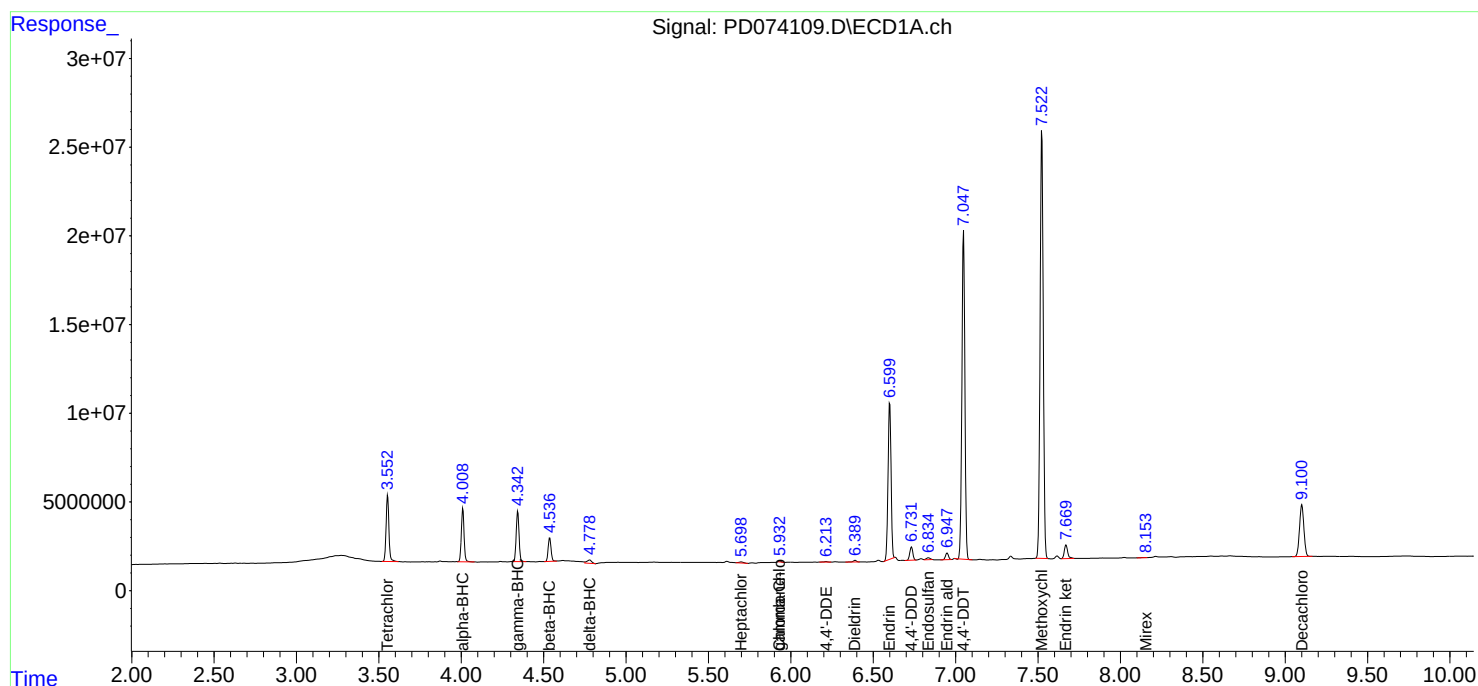
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

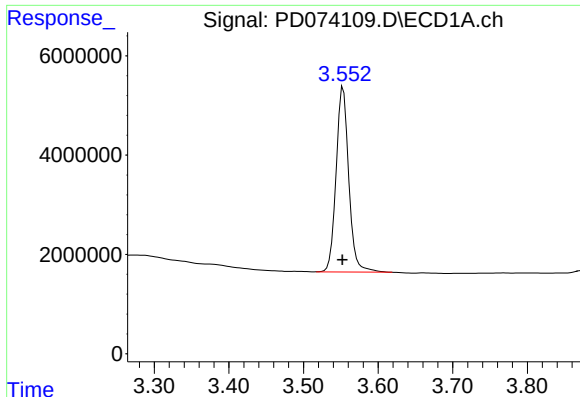
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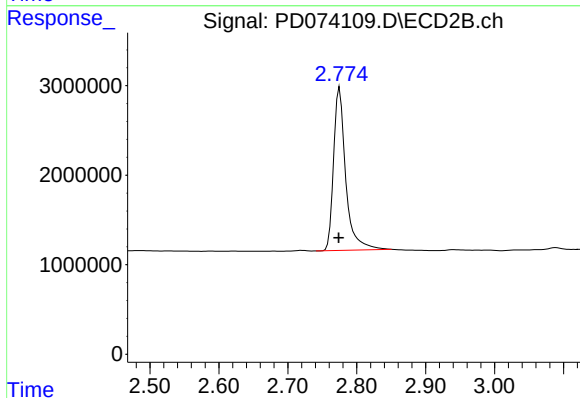




#1 Tetrachloro-m-xylene

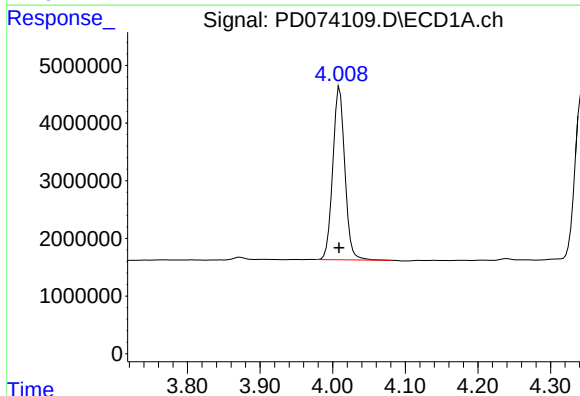
R.T.: 3.553 min
Delta R.T.: 0.001 min
Response: 44015377
Conc: 19.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



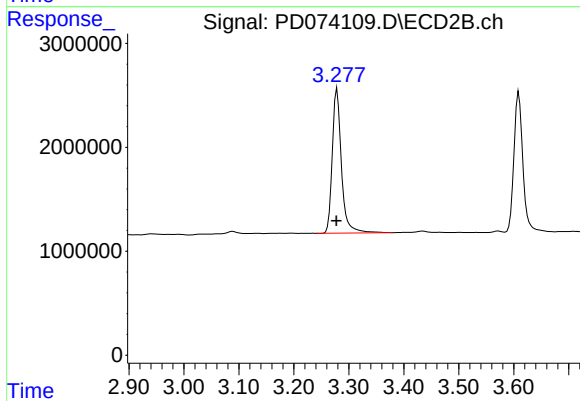
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.001 min
Response: 22298592
Conc: 18.83 ng/ml



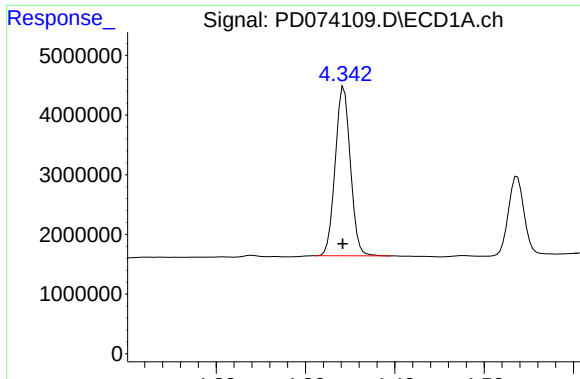
#2 alpha-BHC

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 34570496
Conc: 9.03 ng/ml



#2 alpha-BHC

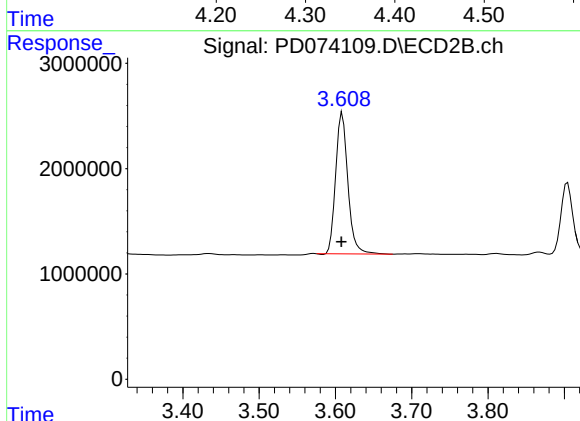
R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 16076927
Conc: 8.98 ng/ml



#3 gamma-BHC (Lindane)

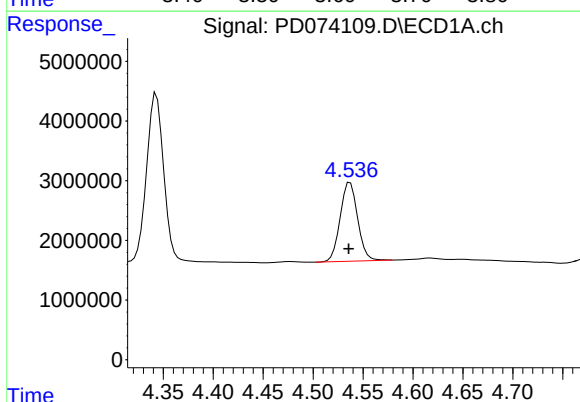
R.T.: 4.343 min
Delta R.T.: 0.001 min
Response: 33391740
Conc: 9.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



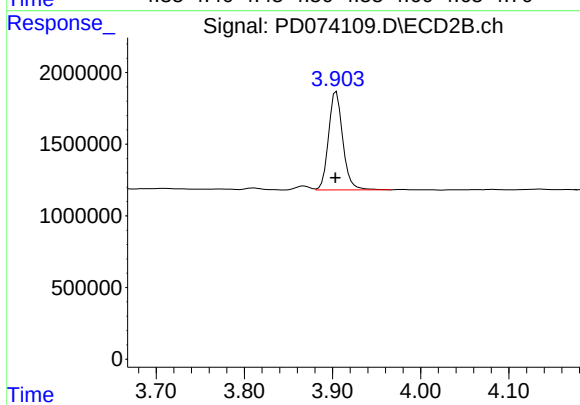
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: 0.002 min
Response: 14885762
Conc: 8.97 ng/ml



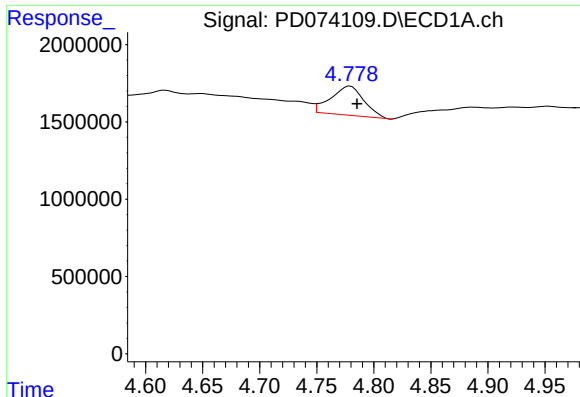
#6 beta-BHC

R.T.: 4.537 min
Delta R.T.: 0.001 min
Response: 16137537
Conc: 10.74 ng/ml



#6 beta-BHC

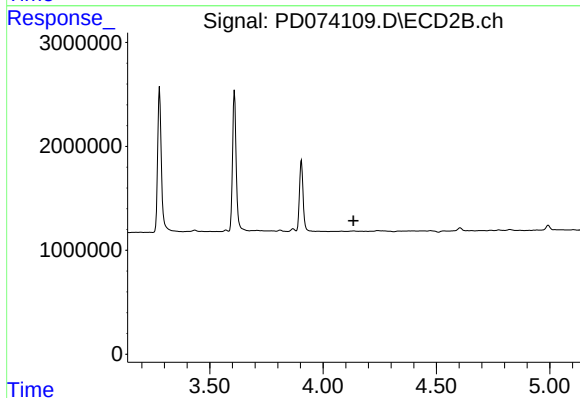
R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 7676037
Conc: 10.44 ng/ml



#7 delta-BHC

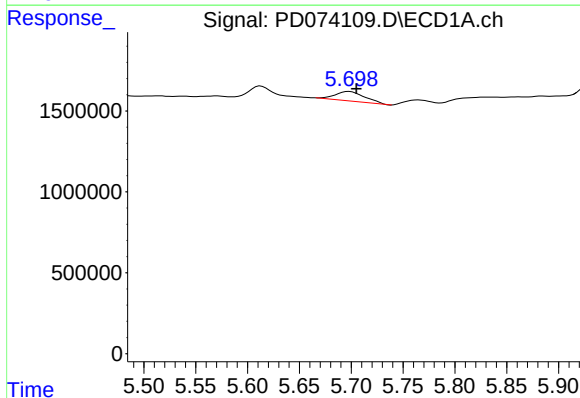
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 3790610
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



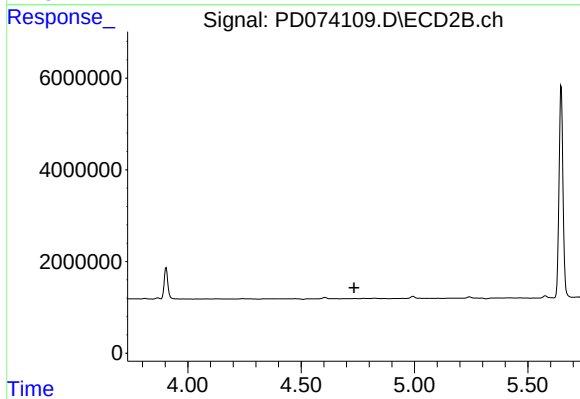
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.135 min
Response: 0
Conc: N.D.



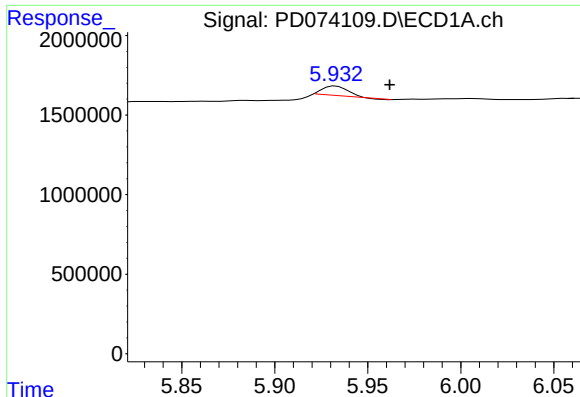
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: -0.007 min
Response: 1176907
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

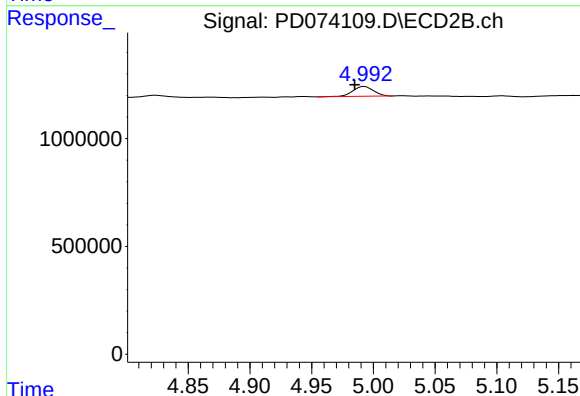
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

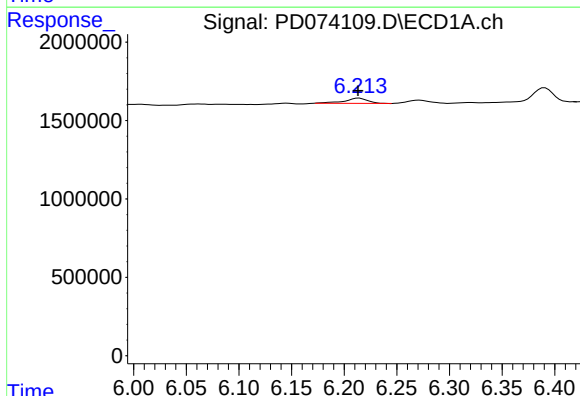
R.T.: 5.933 min
Delta R.T.: -0.029 min
Response: 547801
Conc: 0.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



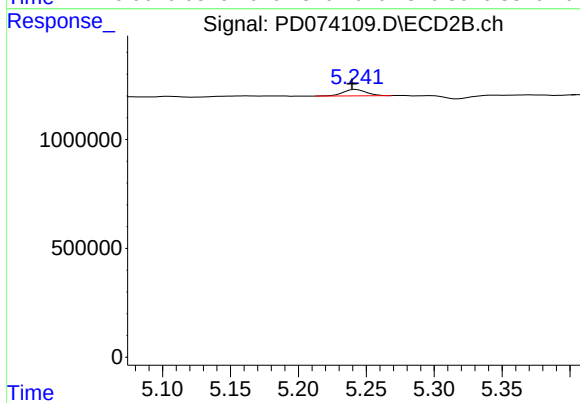
#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.008 min
Response: 528721
Conc: 0.35 ng/ml



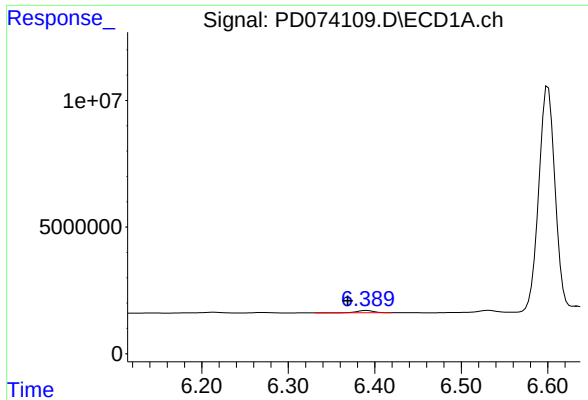
#12 4,4'-DDE

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 516128
Conc: 0.18 ng/ml



#12 4,4'-DDE

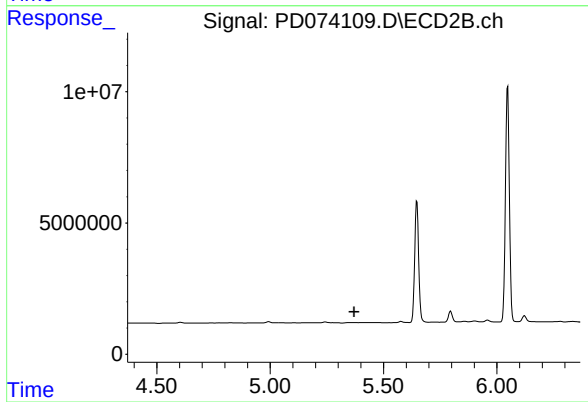
R.T.: 5.243 min
Delta R.T.: 0.003 min
Response: 345542
Conc: 0.25 ng/ml



#13 Dieldrin

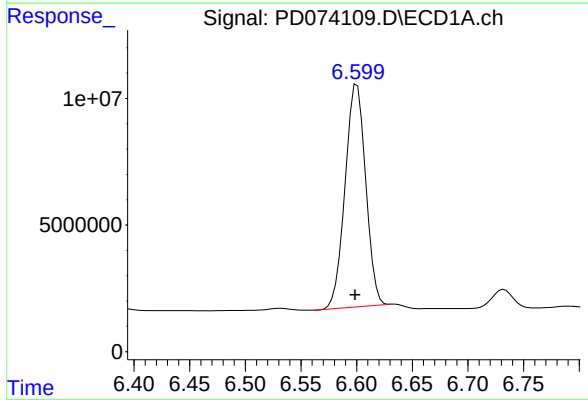
R.T.: 6.390 min
Delta R.T.: 0.022 min
Response: 1249542
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



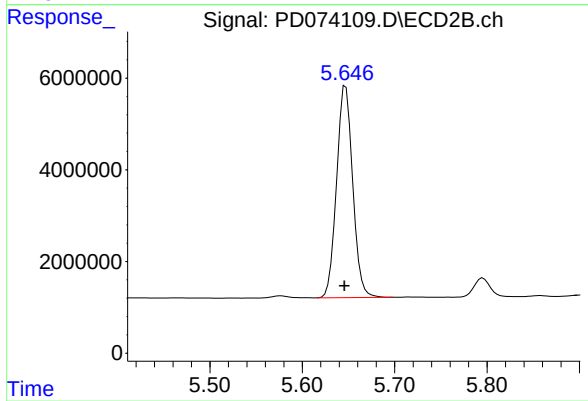
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.371 min
Response: 0
Conc: N.D.



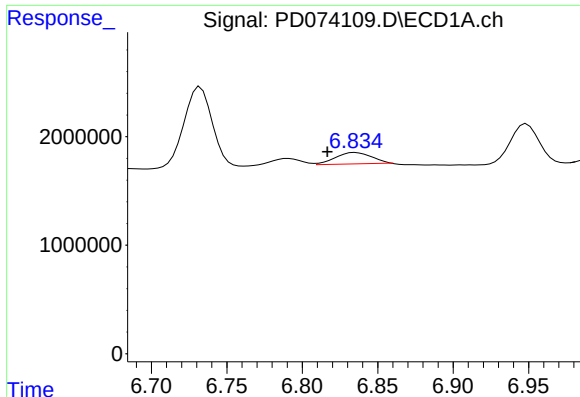
#14 Endrin

R.T.: 6.600 min
Delta R.T.: 0.002 min
Response: 113543065
Conc: 43.28 ng/ml



#14 Endrin

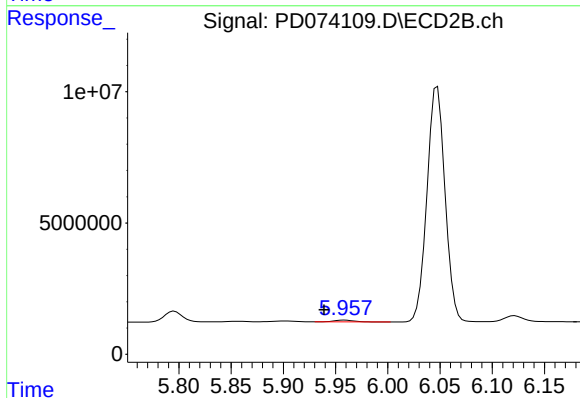
R.T.: 5.647 min
Delta R.T.: 0.001 min
Response: 56135514
Conc: 42.97 ng/ml



#15 Endosulfan II

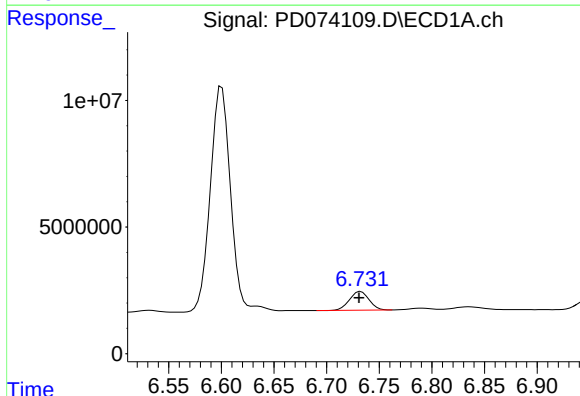
R.T.: 6.835 min
Delta R.T.: 0.018 min
Response: 1773672
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



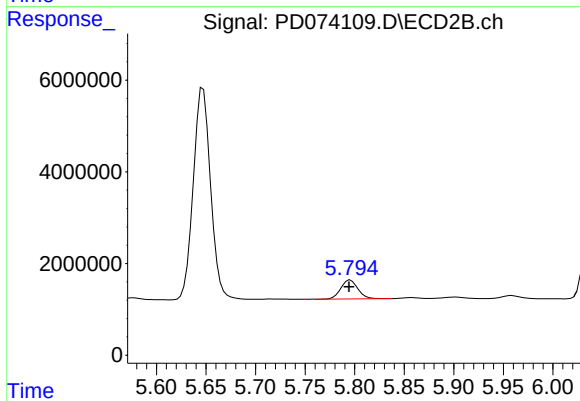
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: 0.020 min
Response: 842937
Conc: 0.66 ng/ml



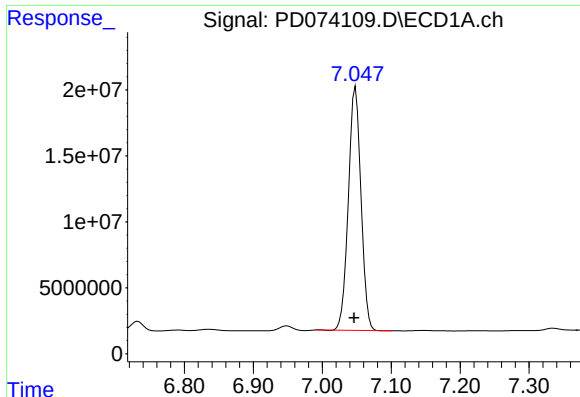
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: 0.002 min
Response: 9574130
Conc: 4.09 ng/ml



#16 4,4'-DDD

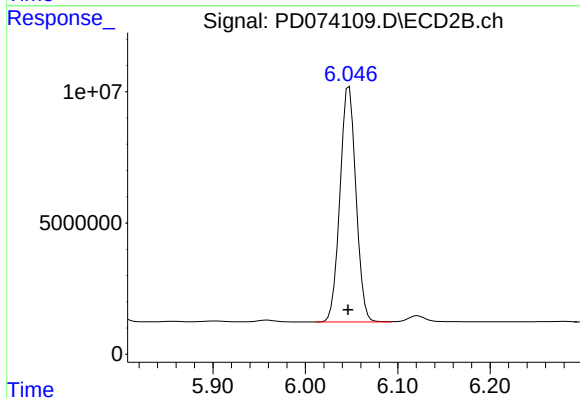
R.T.: 5.796 min
Delta R.T.: 0.001 min
Response: 4959577
Conc: 4.30 ng/ml



#17 4,4'-DDT

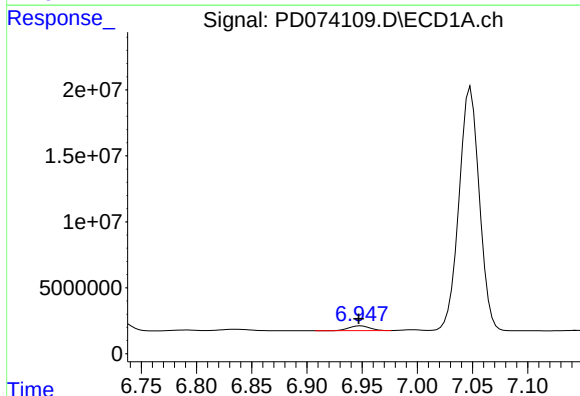
R.T.: 7.048 min
Delta R.T.: 0.002 min
Response: 234967810
Conc: 86.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



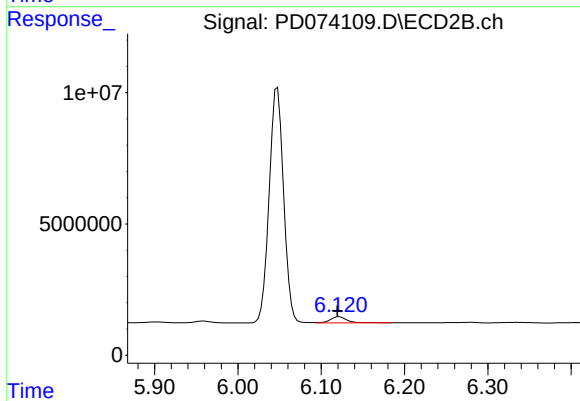
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 107907109
Conc: 90.09 ng/ml



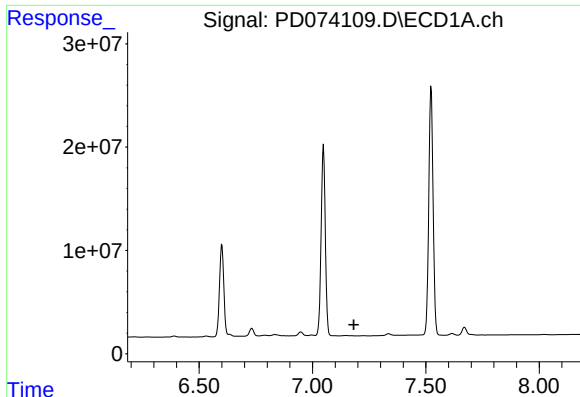
#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 4800432
Conc: 2.32 ng/ml



#18 Endrin aldehyde

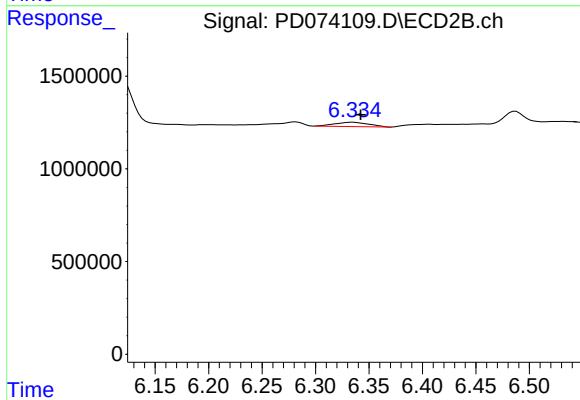
R.T.: 6.122 min
Delta R.T.: 0.002 min
Response: 3177163
Conc: 3.12 ng/ml



#19 Endosulfan Sulfate

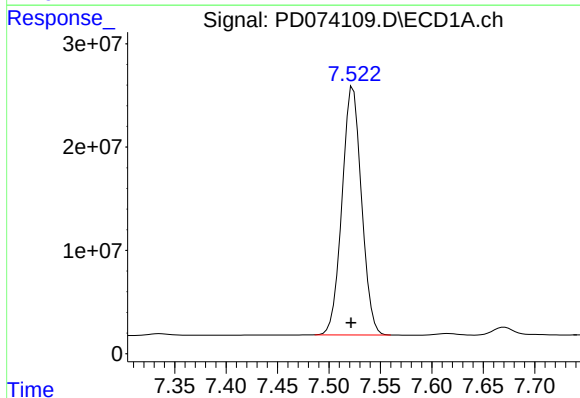
R.T.: 0.000 min
Exp R.T.: 7.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



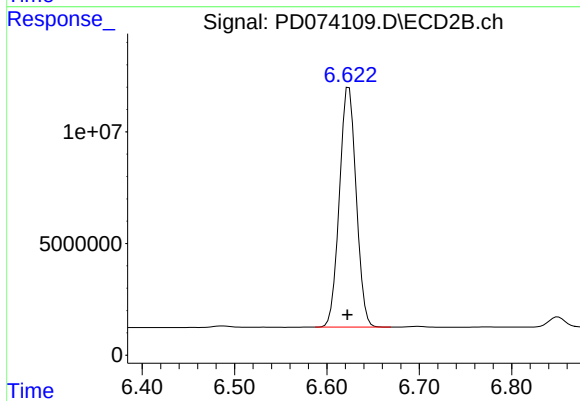
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 515469
Conc: 0.42 ng/ml



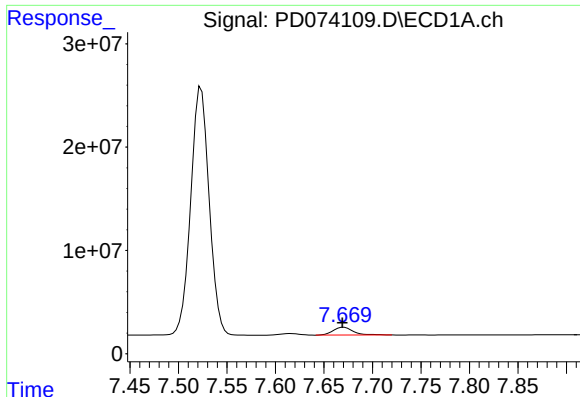
#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: 0.002 min
Response: 316874032
Conc: 213.36 ng/ml



#20 Methoxychlor

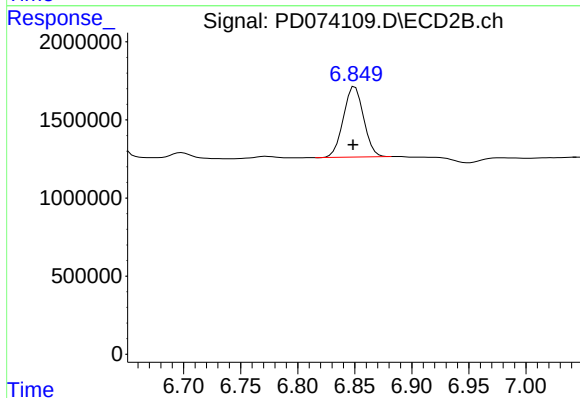
R.T.: 6.624 min
Delta R.T.: 0.002 min
Response: 135660268
Conc: 207.40 ng/ml



#21 Endrin ketone

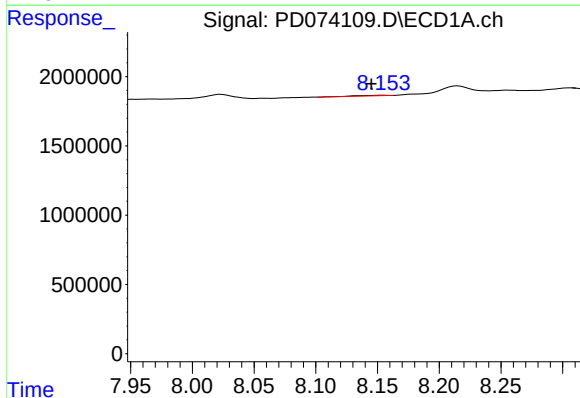
R.T.: 7.671 min
Delta R.T.: 0.002 min
Response: 11034196
Conc: 3.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



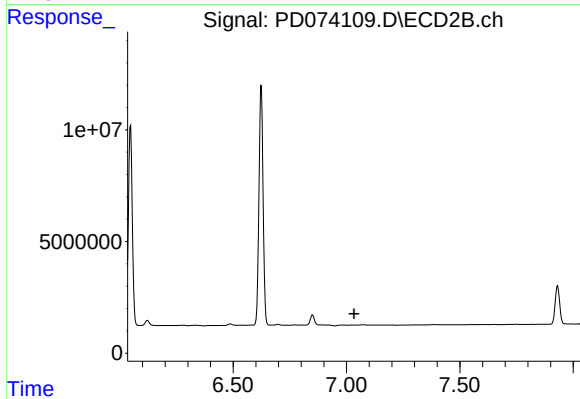
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 5574736
Conc: 3.84 ng/ml



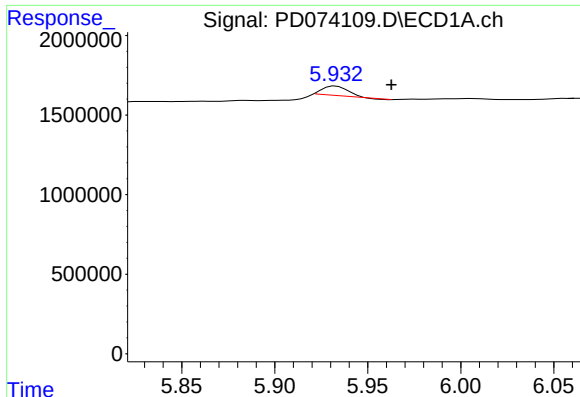
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.010 min
Response: 76413
Conc: 0.03 ng/ml



#22 Mirex

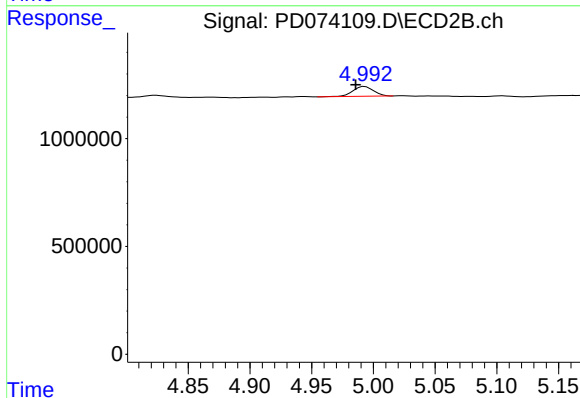
R.T.: 0.000 min
Exp R.T. : 7.033 min
Response: 0
Conc: N.D.



#25 Chlordane-3

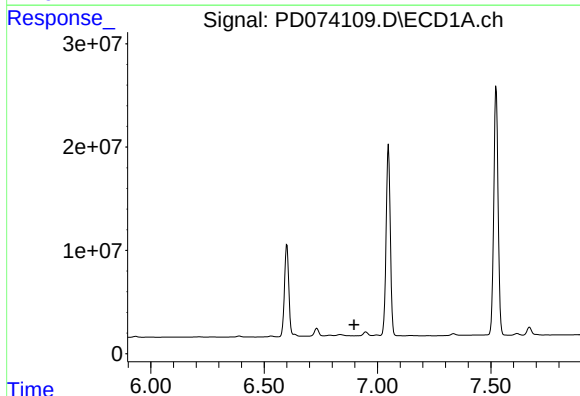
R.T.: 5.933 min
Delta R.T.: -0.030 min
Response: 547801
Conc: 1.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



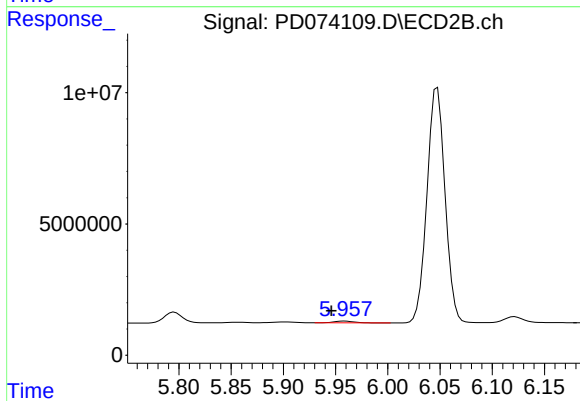
#25 Chlordane-3

R.T.: 4.993 min
Delta R.T.: 0.007 min
Response: 528721
Conc: 3.11 ng/ml



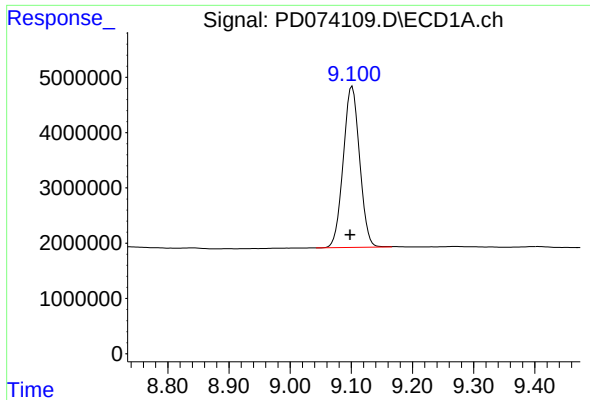
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.897 min
Response: 0
Conc: N.D.



#27 Chlordane-5

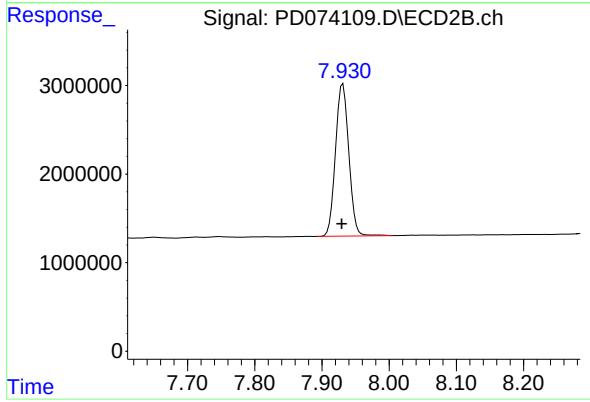
R.T.: 5.958 min
Delta R.T.: 0.012 min
Response: 842937
Conc: 13.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.101 min
Delta R.T.: 0.003 min
Response: 54038581
Conc: 20.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 23511854
Conc: 19.20 ng/ml