

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041823\
 Data File : PD074789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2023 14:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 16:12:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.548	2.768	43359576	23121621	18.178	17.737
2)	SA Decachlor...	9.097	7.923	56765709	24159160	18.693	18.112
Target Compounds							
2)	A alpha-BHC	4.005	3.272	34494380	16480097	8.293	8.440
3)	MA gamma-BHC...	4.339	3.602	33402997	15372339	8.607	8.470
4)	MA Heptachlor	4.916	0.000	157816	0	0.040	N.D. #
5)	MB Aldrin	5.257f	0.000	350809	0	0.091	N.D. #
6)	B beta-BHC	4.534	3.898	15973030	8041506	9.522	9.901
8)	B Heptachlo...	5.692	0.000	1600043	0	0.495	N.D. #
9)	A Endosulfan I	6.083	0.000	1193995	0	0.366	N.D. #
10)	B gamma-Chl...	5.930f	0.000	685516	0	0.198	N.D. #
12)	B 4,4'-DDE	6.212	5.236	273008	373271	0.085	0.238 #
14)	MA Endrin	6.596	5.640	117.3E6	61118179	40.367	40.503
15)	B Endosulfa...	6.830f	5.952f	1340824	689530	0.467	0.501
16)	A 4,4'-DDD	6.729	5.789	1861553	1330056	0.703	1.009 #
17)	MA 4,4'-DDT	7.045	6.039	254.6E6	119.7E6	87.374	88.644
18)	B Endrin al...	6.946	6.114	3517707	2645974	1.532	2.370 #
20)	A Methoxychlor	7.521	6.616	346.8E6	154.4E6	212.957	204.806
21)	B Endrin ke...	7.667	6.843	7746301	3781473	2.378	2.314
24)	Chlordane-2	5.257	0.000	350809	0	2.681	N.D. #
25)	Chlordane-3	5.930f	0.000	685516	0	1.385	N.D. #
27)	Chlordane-5	0.000	5.952	0	689530	N.D.	11.458 #

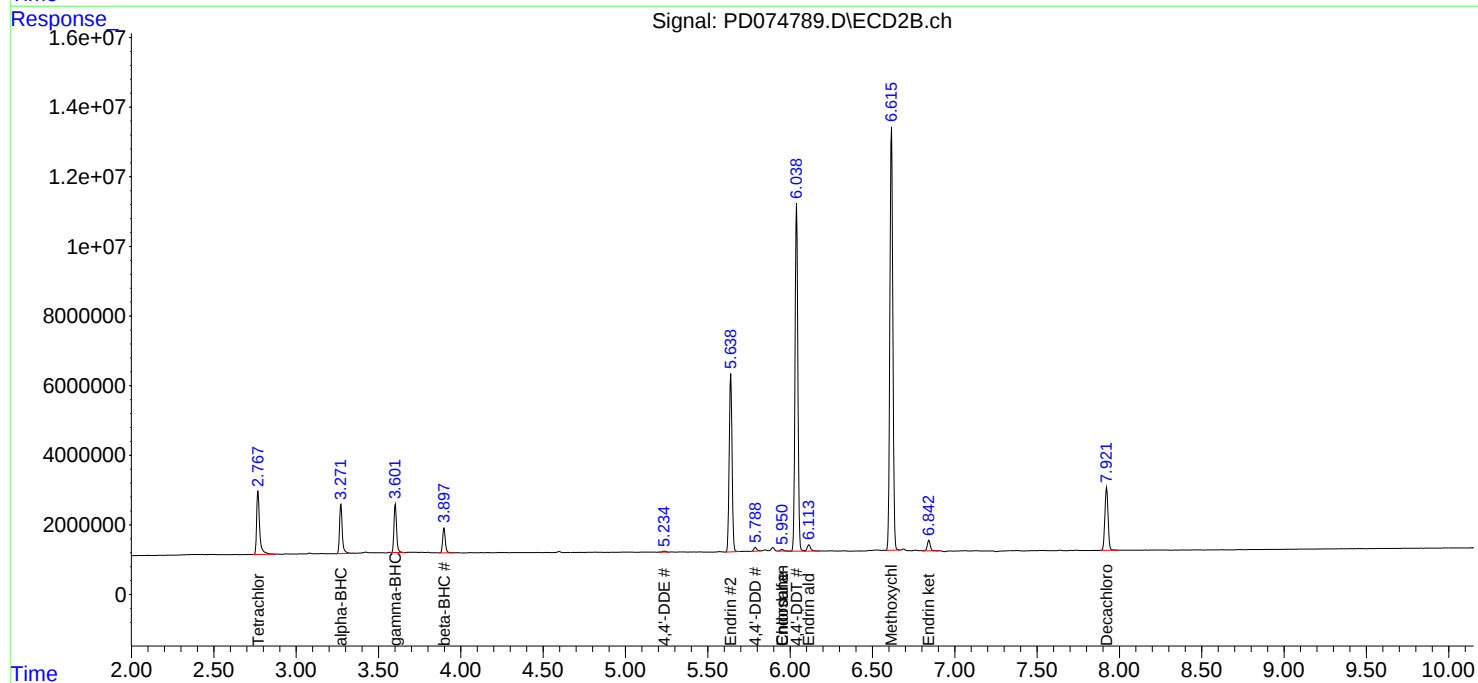
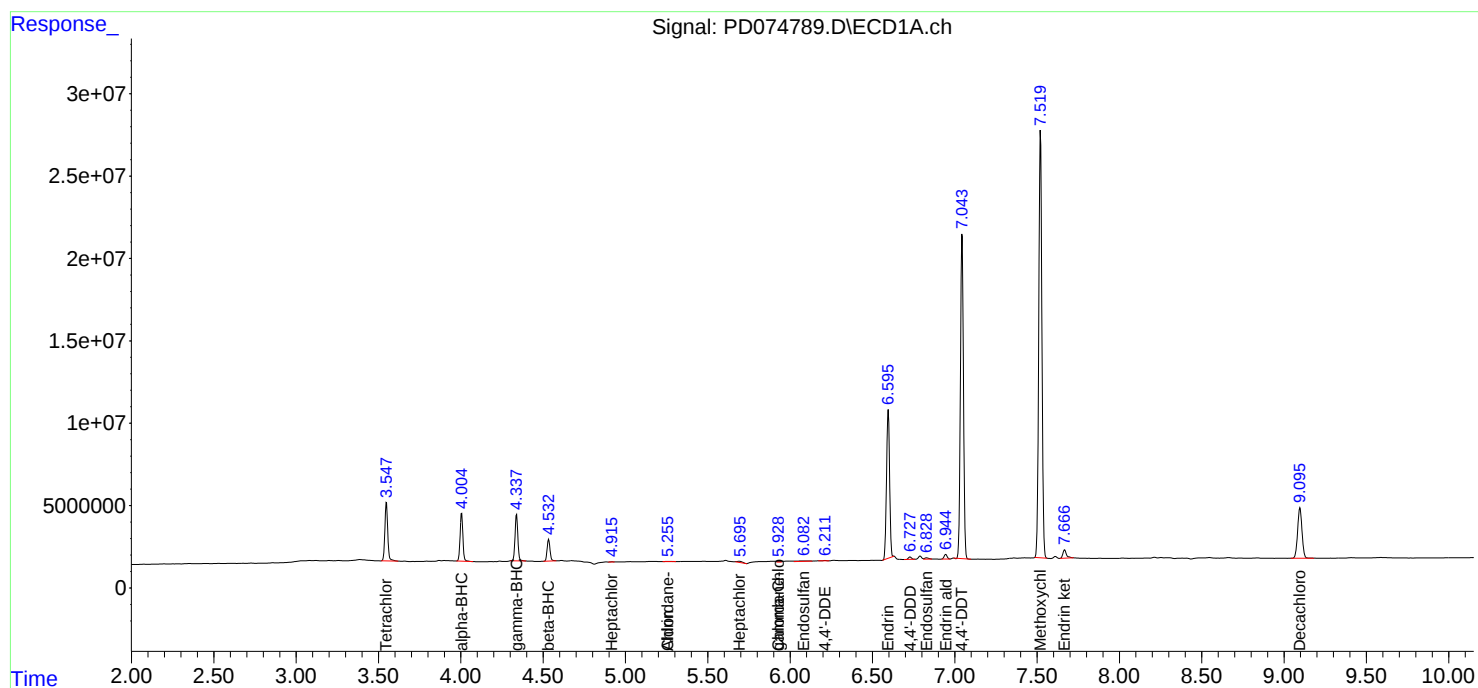
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

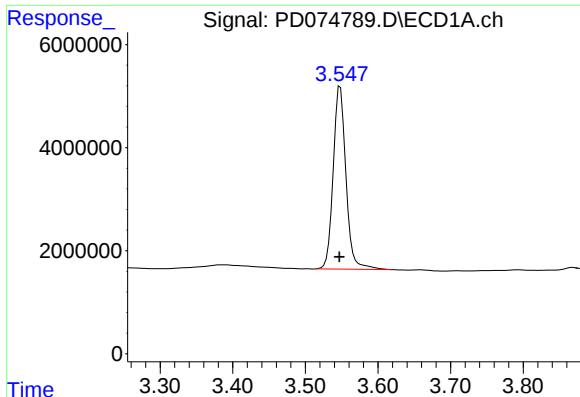
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041823\
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

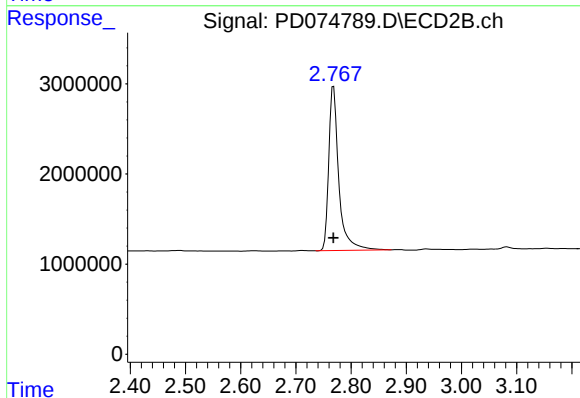




#1 Tetrachloro-m-xylene

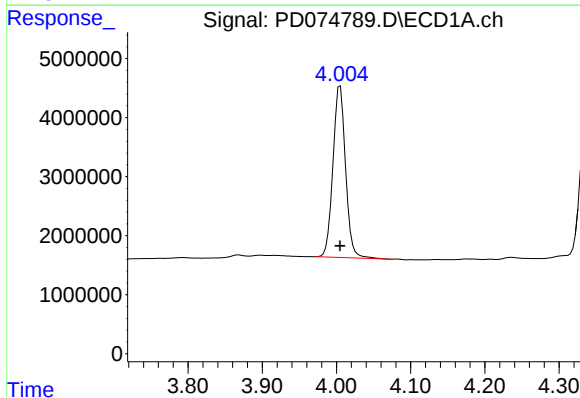
R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 43359576
Conc: 18.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



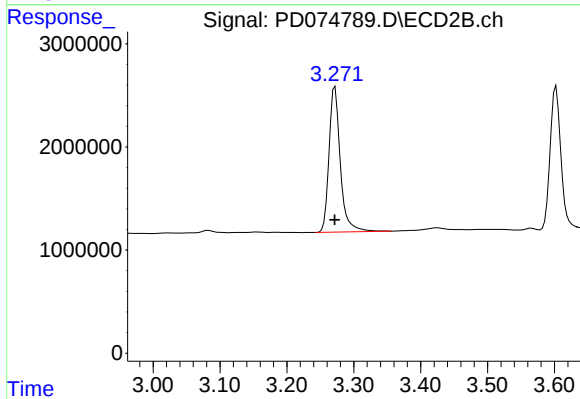
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 23121621
Conc: 17.74 ng/ml



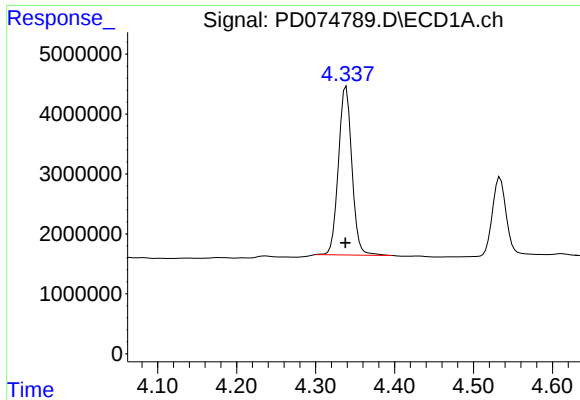
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 34494380
Conc: 8.29 ng/ml



#2 alpha-BHC

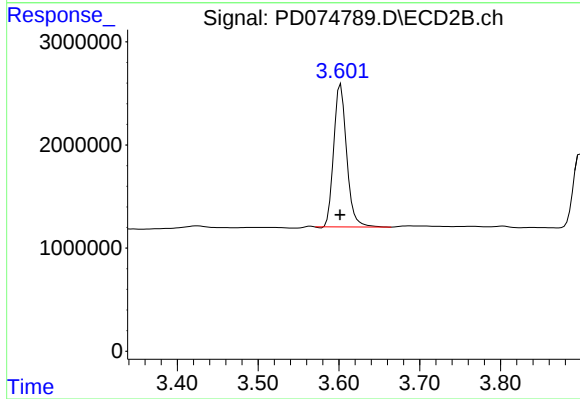
R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 16480097
Conc: 8.44 ng/ml



#3 gamma-BHC (Lindane)

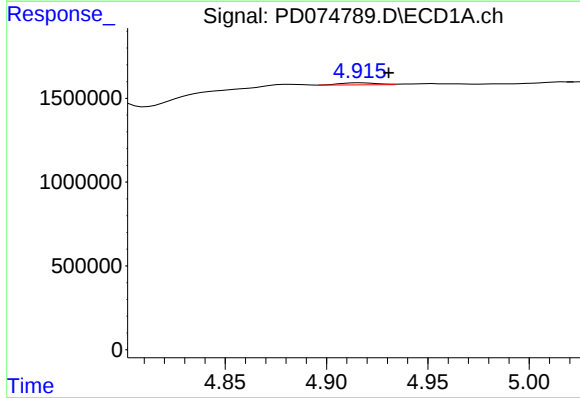
R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 33402997
Conc: 8.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



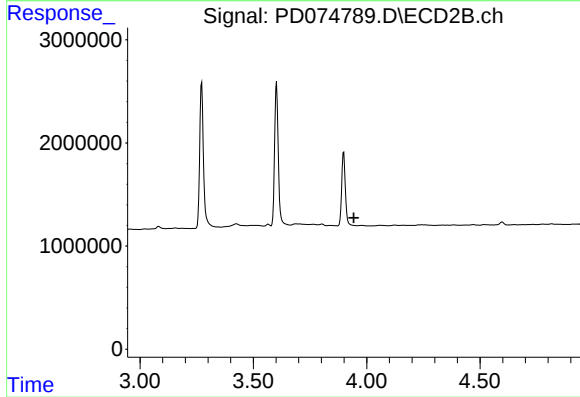
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 15372339
Conc: 8.47 ng/ml



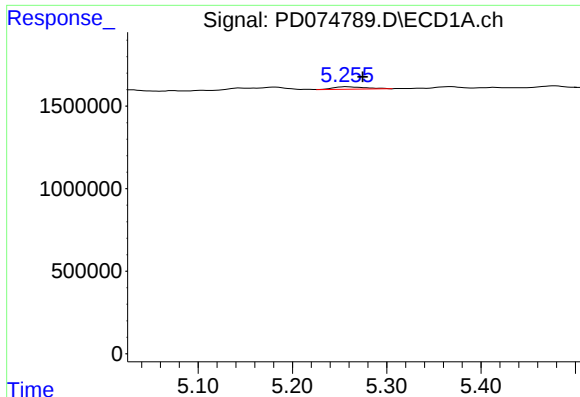
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.014 min
Response: 157816
Conc: 0.04 ng/ml



#4 Heptachlor

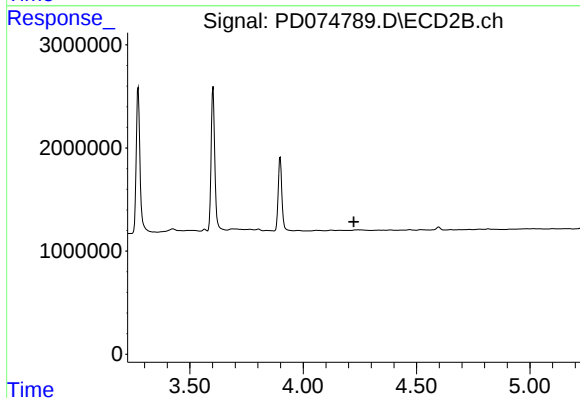
R.T.: 0.000 min
Exp R.T. : 3.943 min
Response: 0
Conc: N.D.



#5 Aldrin

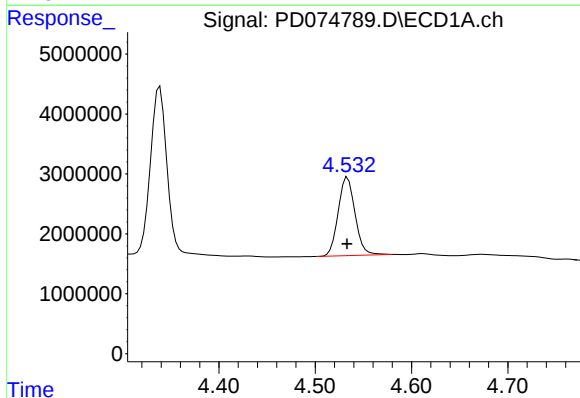
R.T.: 5.257 min
Delta R.T.: -0.018 min
Response: 350809
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



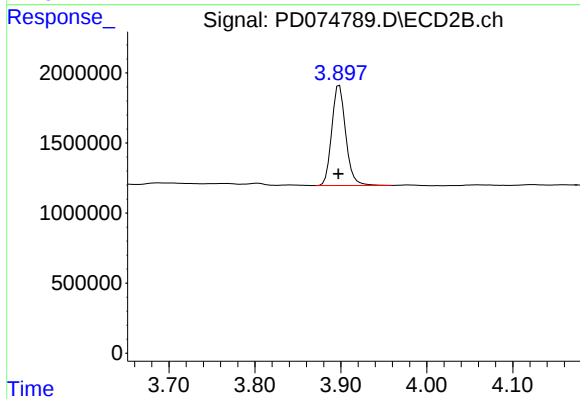
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



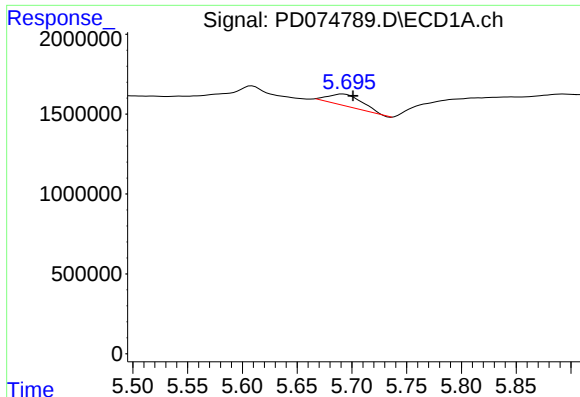
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 15973030
Conc: 9.52 ng/ml



#6 beta-BHC

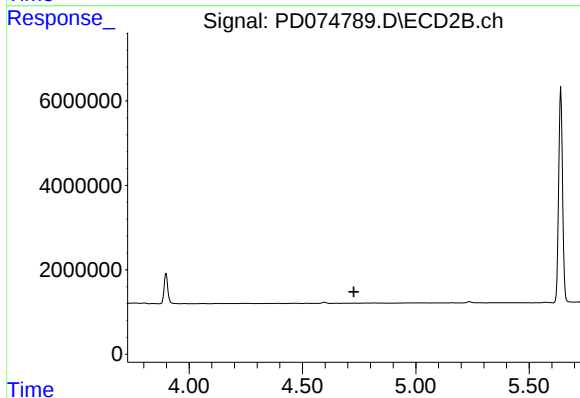
R.T.: 3.898 min
Delta R.T.: 0.001 min
Response: 8041506
Conc: 9.90 ng/ml



#8 Heptachlor epoxide

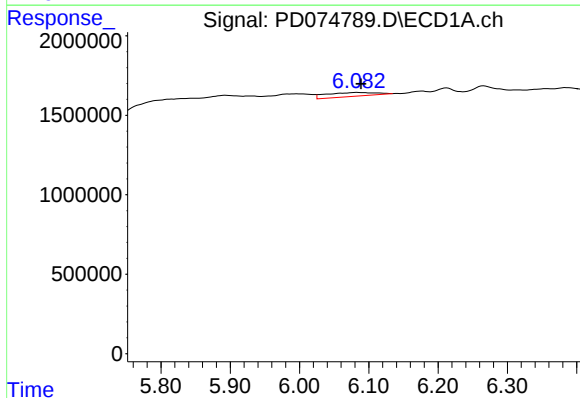
R.T.: 5.692 min
Delta R.T.: -0.009 min
Response: 1600043
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



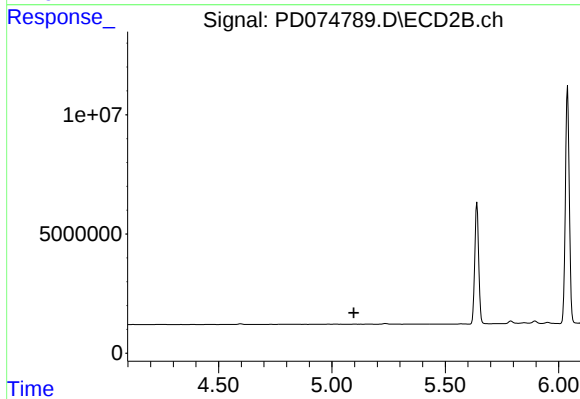
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.726 min
Response: 0
Conc: N.D.



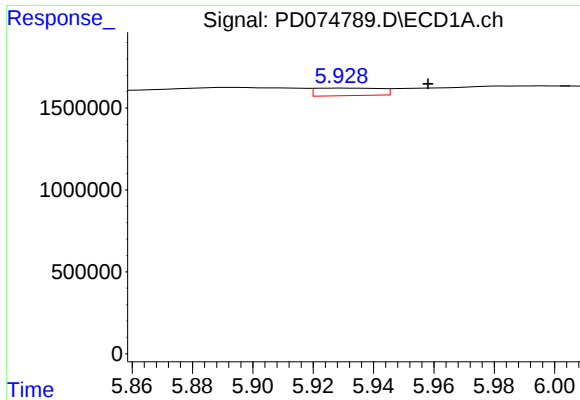
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 1193995
Conc: 0.37 ng/ml



#9 Endosulfan I

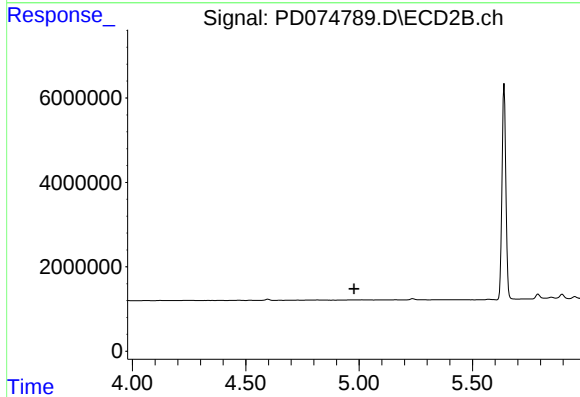
R.T.: 0.000 min
Exp R.T. : 5.097 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

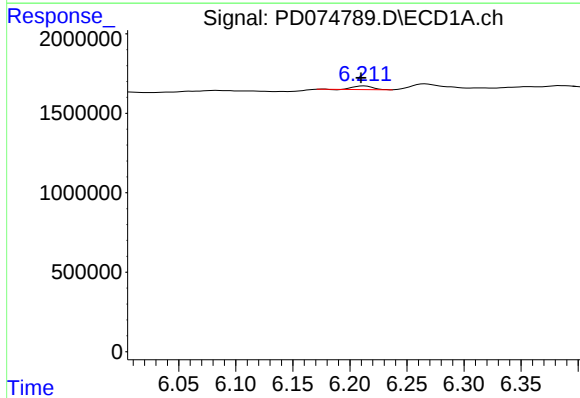
R.T.: 5.930 min
Delta R.T.: -0.028 min
Response: 685516
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :



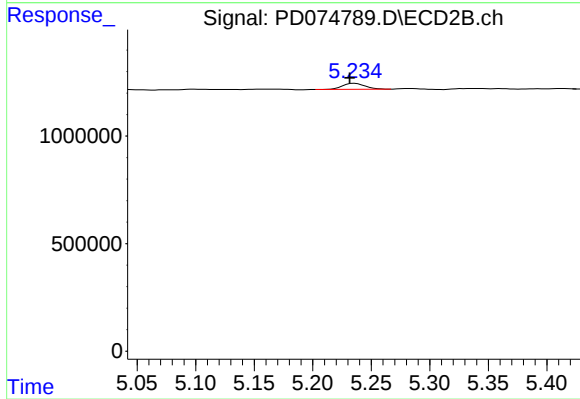
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



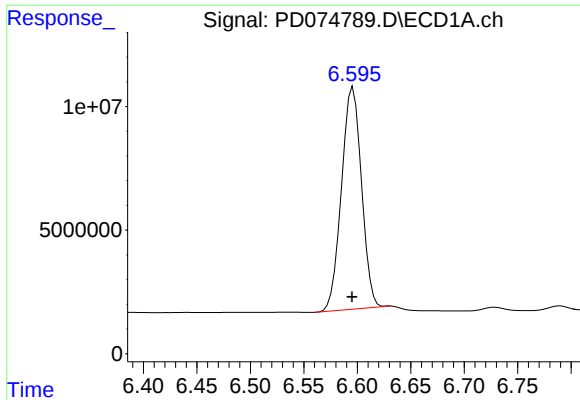
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.003 min
Response: 273008
Conc: 0.09 ng/ml



#12 4,4'-DDE

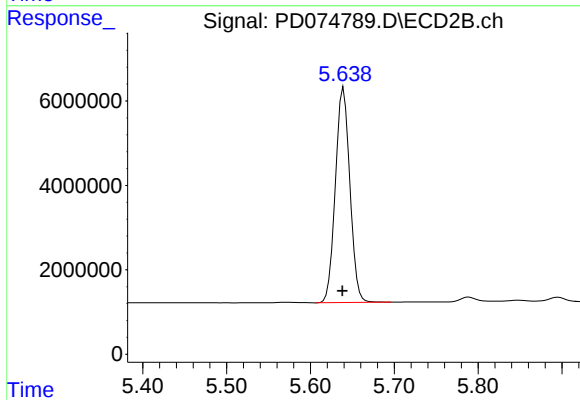
R.T.: 5.236 min
Delta R.T.: 0.004 min
Response: 373271
Conc: 0.24 ng/ml



#14 Endrin

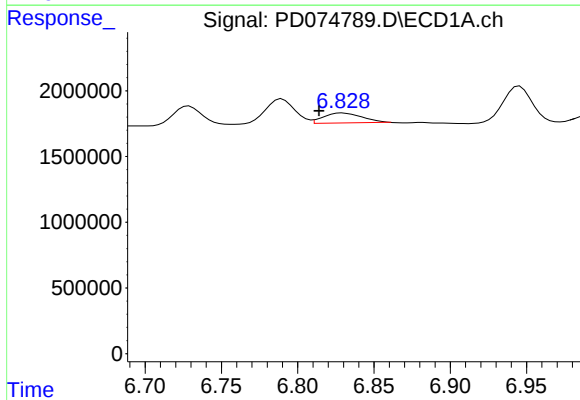
R.T.: 6.596 min
Delta R.T.: 0.001 min
Response: 117287647
Conc: 40.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



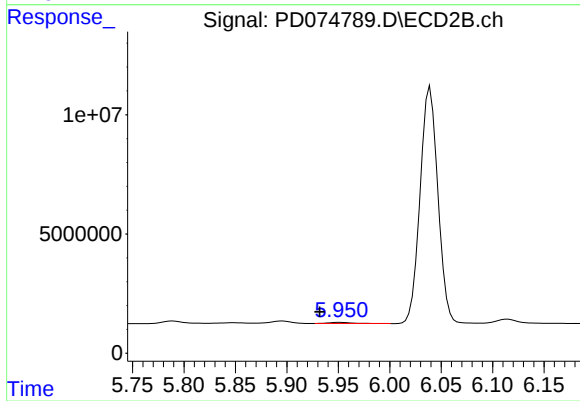
#14 Endrin

R.T.: 5.640 min
Delta R.T.: 0.001 min
Response: 61118179
Conc: 40.50 ng/ml



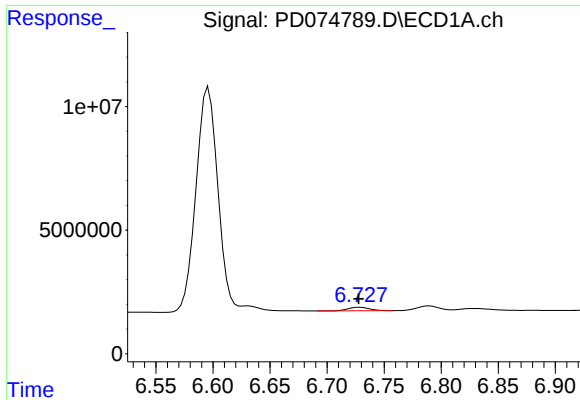
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.016 min
Response: 1340824
Conc: 0.47 ng/ml



#15 Endosulfan II

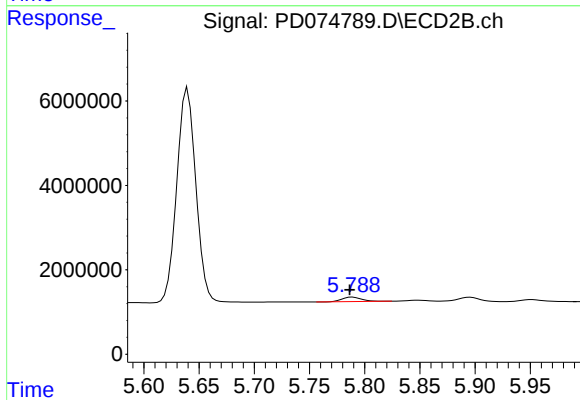
R.T.: 5.952 min
Delta R.T.: 0.020 min
Response: 689530
Conc: 0.50 ng/ml



#16 4,4'-DDD

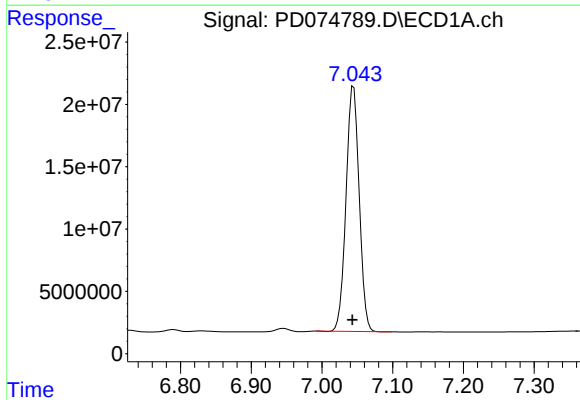
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 1861553
Conc: 0.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



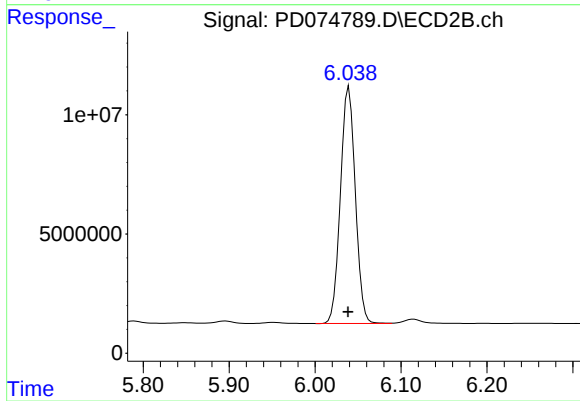
#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 1330056
Conc: 1.01 ng/ml



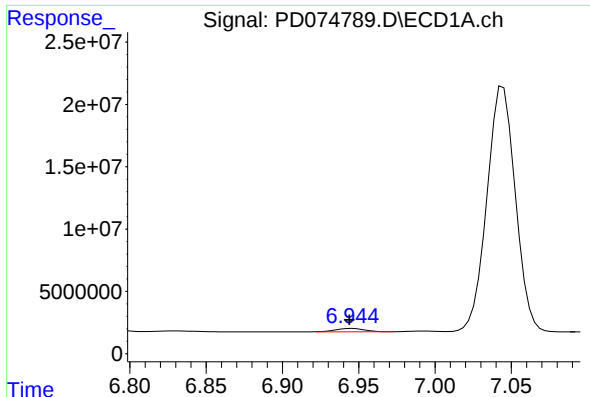
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.002 min
Response: 254567807
Conc: 87.37 ng/ml



#17 4,4'-DDT

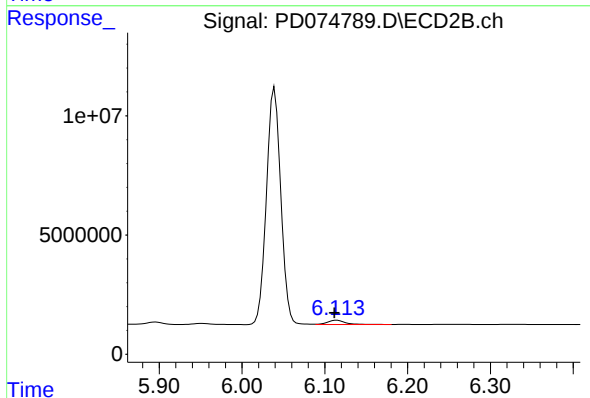
R.T.: 6.039 min
Delta R.T.: 0.000 min
Response: 119720810
Conc: 88.64 ng/ml



#18 Endrin aldehyde

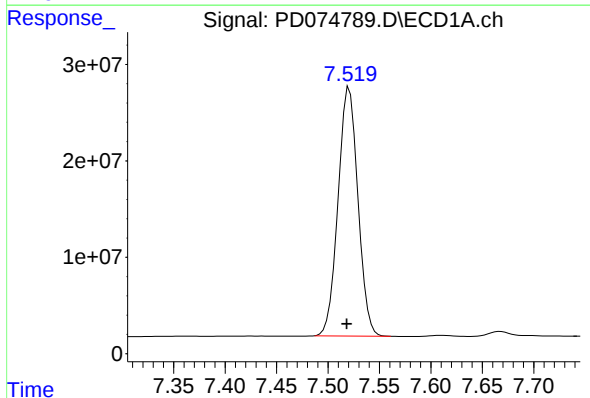
R.T.: 6.946 min
Delta R.T.: 0.002 min
Response: 3517707
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



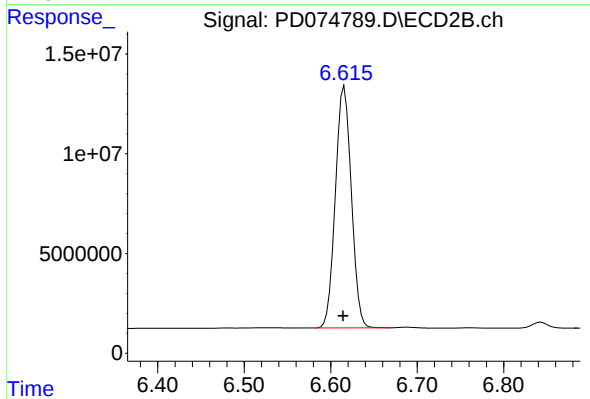
#18 Endrin aldehyde

R.T.: 6.114 min
Delta R.T.: 0.003 min
Response: 2645974
Conc: 2.37 ng/ml



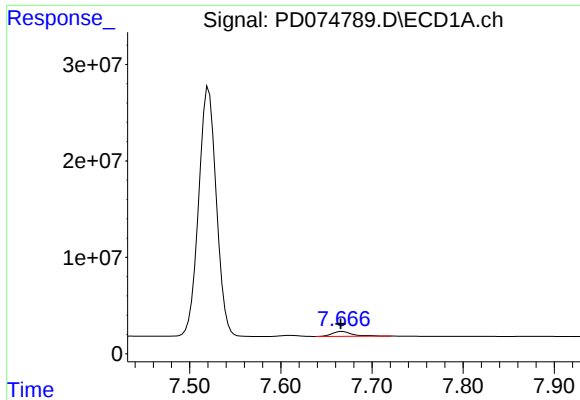
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 346797262
Conc: 212.96 ng/ml



#20 Methoxychlor

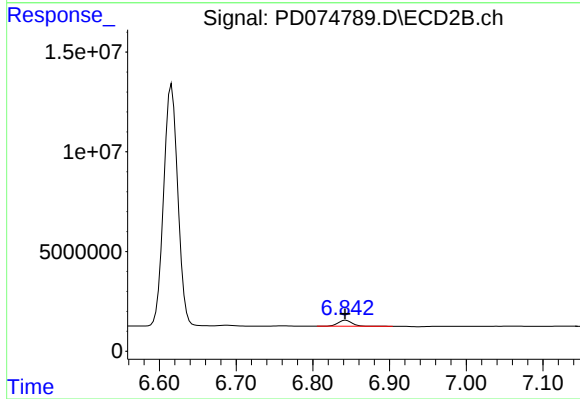
R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 154364724
Conc: 204.81 ng/ml



#21 Endrin ketone

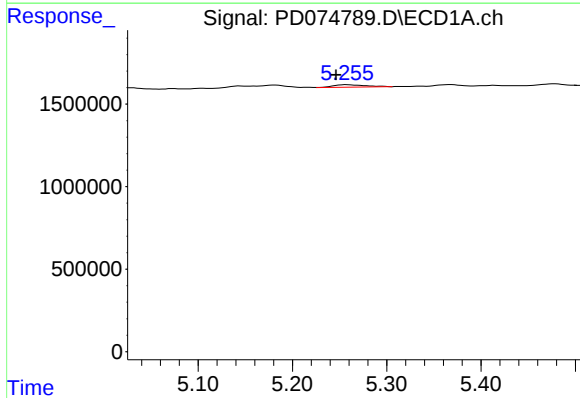
R.T.: 7.667 min
Delta R.T.: 0.002 min
Response: 7746301
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



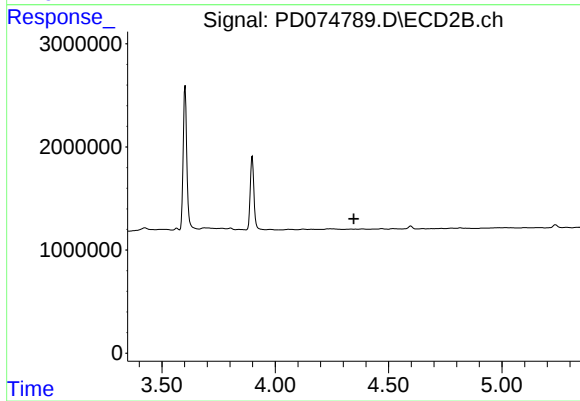
#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 3781473
Conc: 2.31 ng/ml



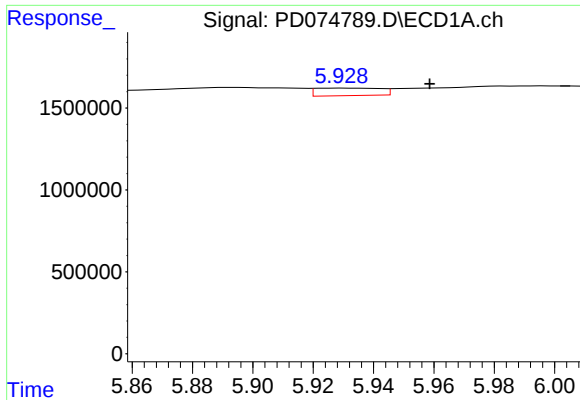
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: 0.011 min
Response: 350809
Conc: 2.68 ng/ml



#24 Chlordane-2

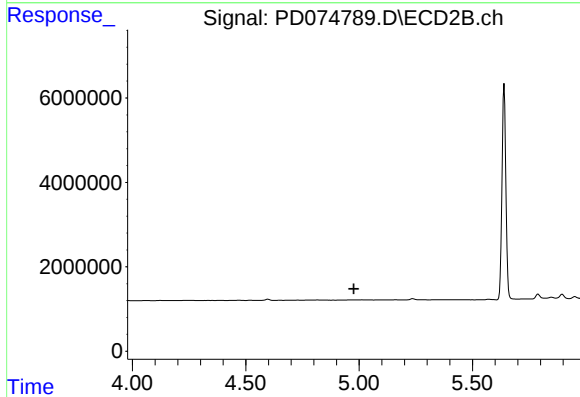
R.T.: 0.000 min
Exp R.T. : 4.346 min
Response: 0
Conc: N.D.



#25 Chlordane-3

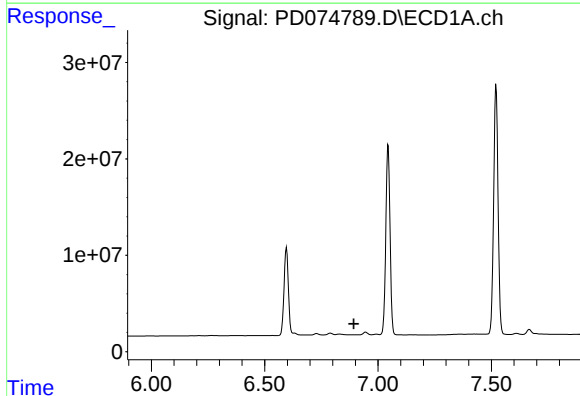
R.T.: 5.930 min
Delta R.T.: -0.029 min
Response: 685516
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :



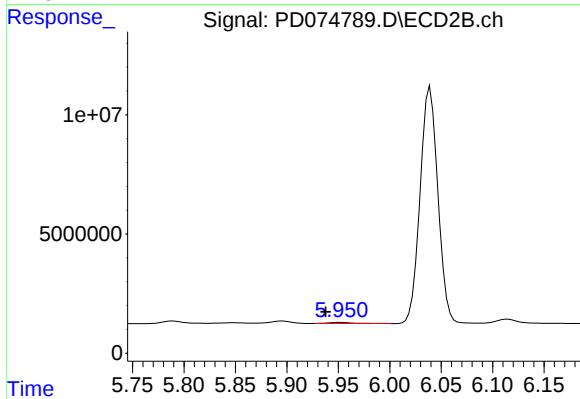
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



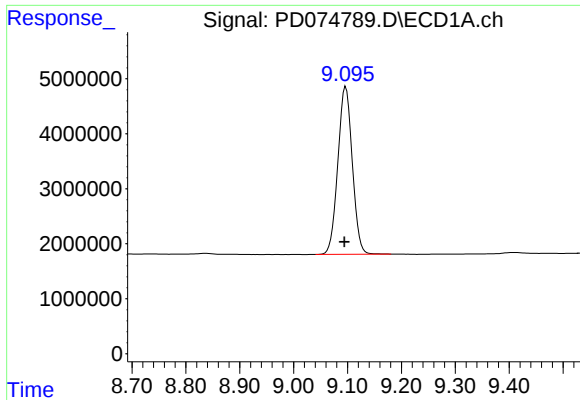
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.893 min
Response: 0
Conc: N.D.



#27 Chlordane-5

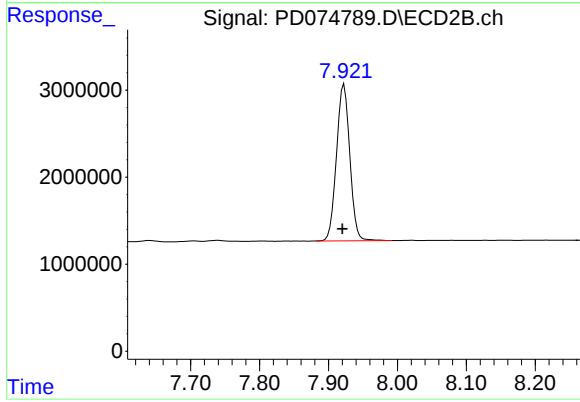
R.T.: 5.952 min
Delta R.T.: 0.014 min
Response: 689530
Conc: 11.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min
Delta R.T.: 0.003 min
Response: 56765709
Conc: 18.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: 0.002 min
Response: 24159160
Conc: 18.11 ng/ml