

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081323\
 Data File : PD077123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2023 22:56
 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: Aug 14 00:14:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.545	2.763	50188396	28726521	21.208	21.090
28)	SA Decachlor...	9.087	7.903	61187117	29514648	22.330	20.624
Target Compounds							
2)	A alpha-BHC	4.001	3.264	39408787	19954352	10.263	10.316
3)	MA gamma-BHC...	4.335	3.594	37930366	18268853	10.305	9.820
6)	B beta-BHC	4.532	3.891	17584031	9019540	11.685	11.823
7)	B delta-BHC	4.769	0.000	836943	0	0.240	N.D. #
8)	B Heptachlo...	5.691	0.000	1314652	0	0.397	N.D. #
9)	A Endosulfan I	6.111f	0.000	126362	0	0.042	N.D. #
12)	B 4,4'-DDE	6.205	5.221	426650	289319	0.144	0.200 #
13)	MA Dieldrin	6.380f	0.000	406388	0	0.124	N.D. #
14)	MA Endrin	6.590	5.627	138.5E6	70126948	49.855	47.926
15)	B Endosulfa...	6.824f	5.936f	1123715	395875	0.353	0.269
16)	A 4,4'-DDD	6.724	5.776	1452441	815109	0.617	0.733
17)	MA 4,4'-DDT	7.039	6.025	279.8E6	132.4E6	115.087	119.073
18)	B Endrin al...	6.940	6.101	3200277	2497480	1.465	2.194 #
20)	A Methoxychlor	7.515	6.600	360.9E6	142.6E6	254.726	238.496
21)	B Endrin ke...	7.661	6.829	6993619	4018658	2.322	2.535
22)	Mirex	8.166f	0.000	188884	0	0.083	N.D. #
27)	Chlordane-5	0.000	5.936	0	395875	N.D.	6.626 #

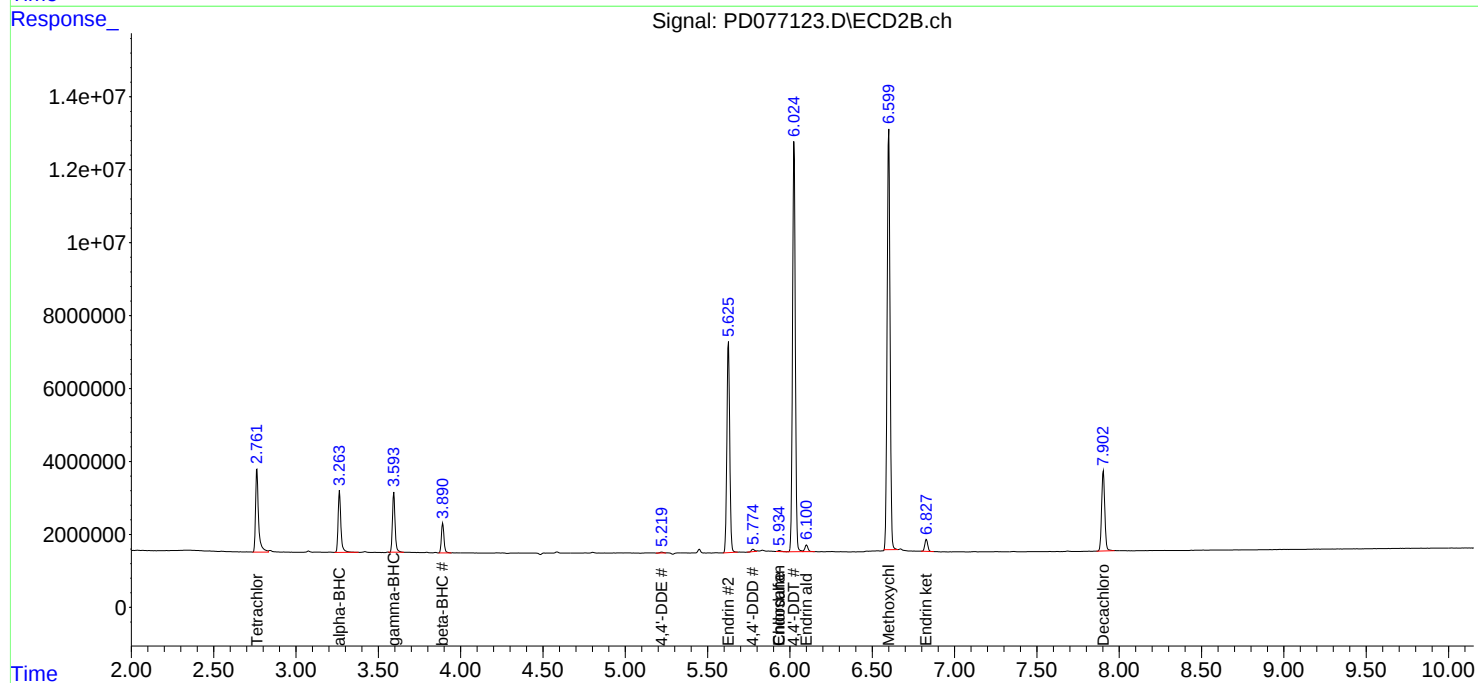
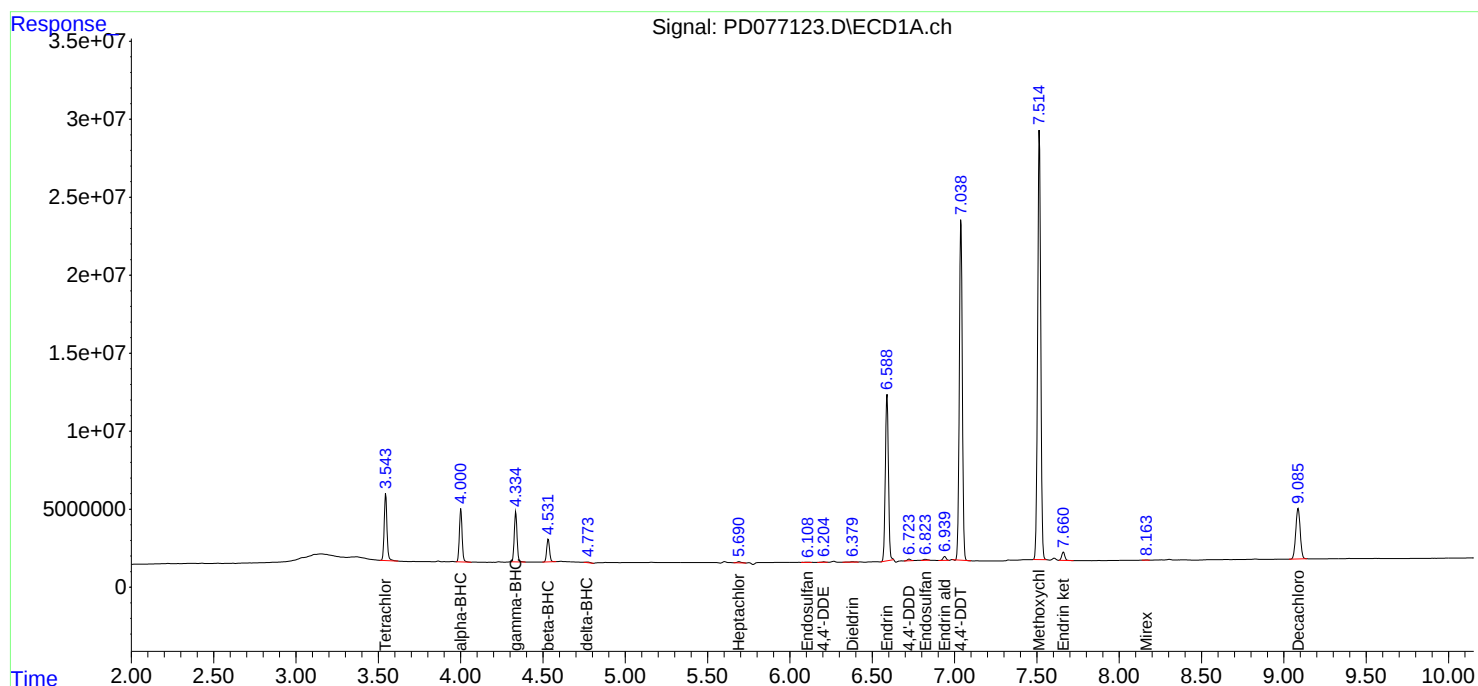
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

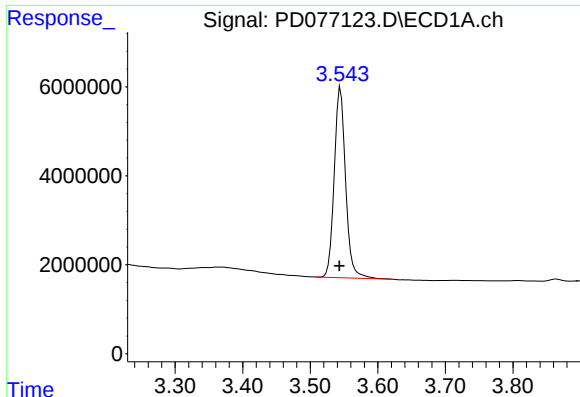
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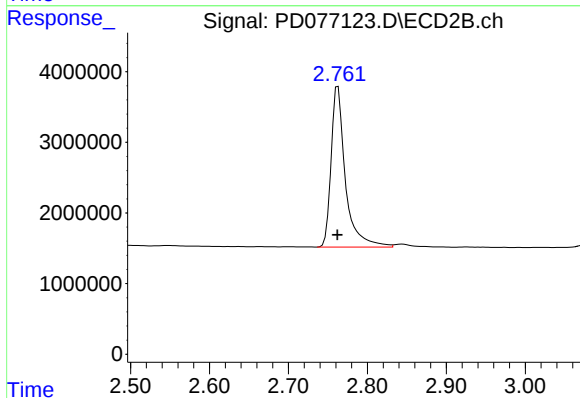




#1 Tetrachloro-m-xylene

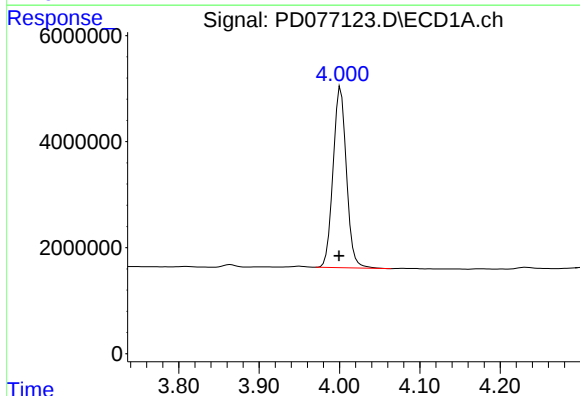
R.T.: 3.545 min
Delta R.T.: 0.002 min
Response: 50188396
Conc: 21.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



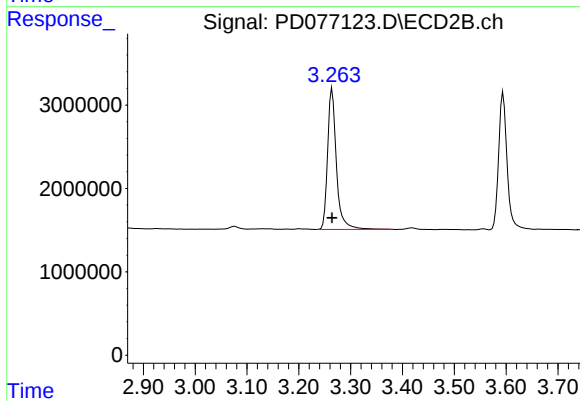
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.001 min
Response: 28726521
Conc: 21.09 ng/ml



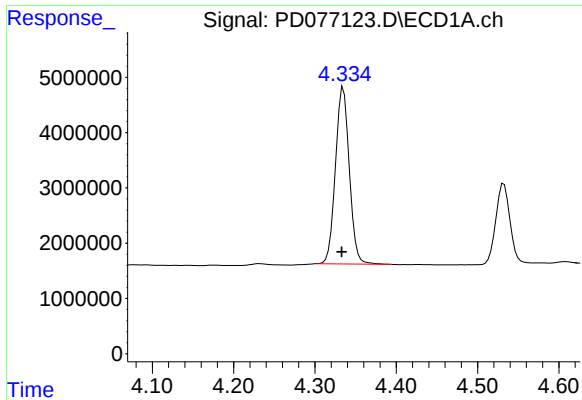
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 39408787
Conc: 10.26 ng/ml



#2 alpha-BHC

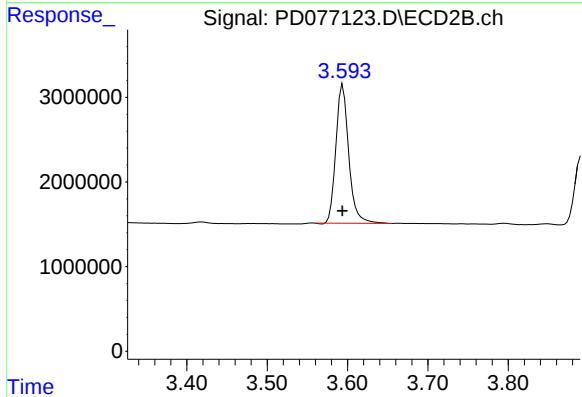
R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 19954352
Conc: 10.32 ng/ml



#3 gamma-BHC (Lindane)

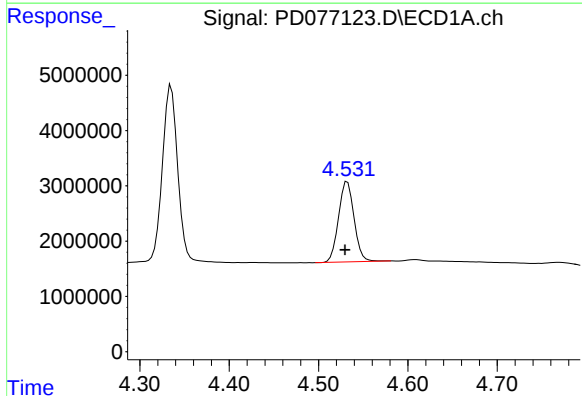
R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 37930366
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



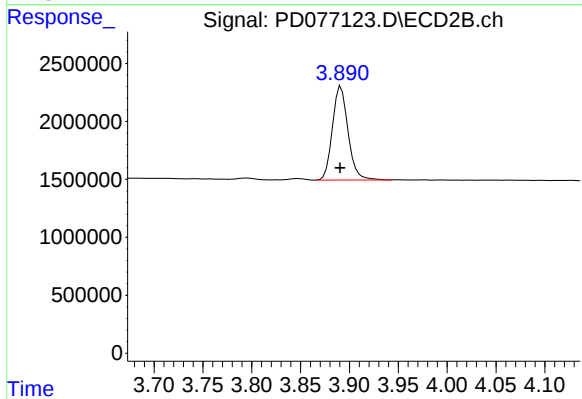
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 18268853
Conc: 9.82 ng/ml



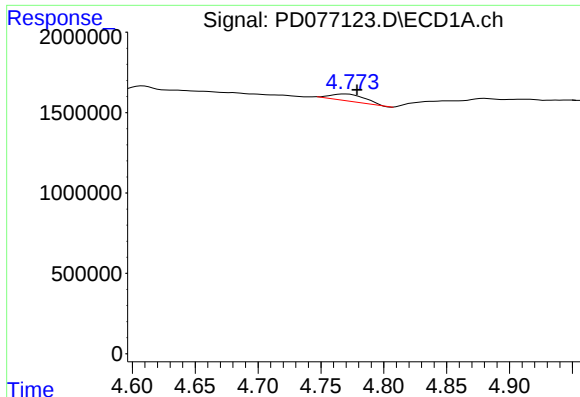
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 17584031
Conc: 11.69 ng/ml



#6 beta-BHC

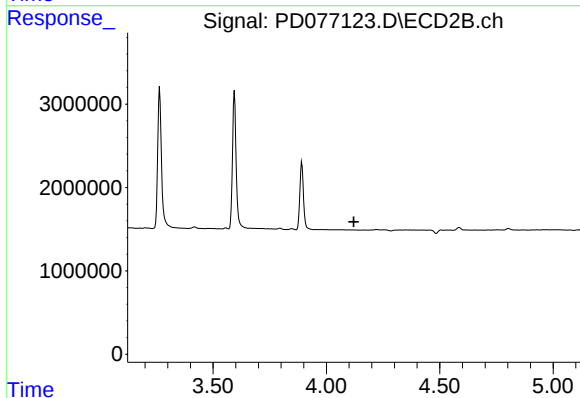
R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 9019540
Conc: 11.82 ng/ml



#7 delta-BHC

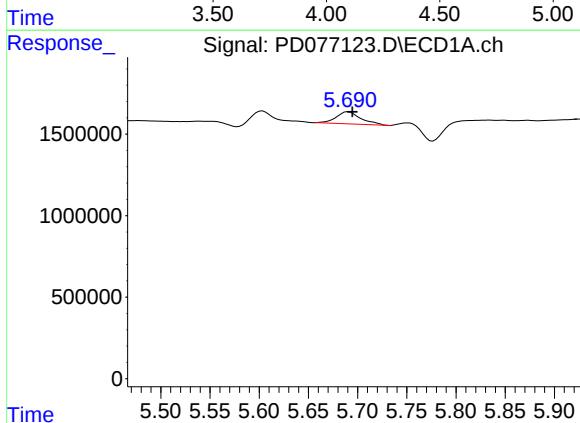
R.T.: 4.769 min
Delta R.T.: -0.009 min
Response: 836943
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



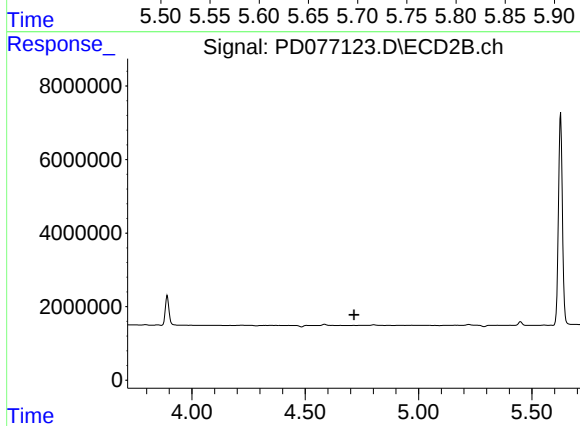
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.120 min
Response: 0
Conc: N.D.



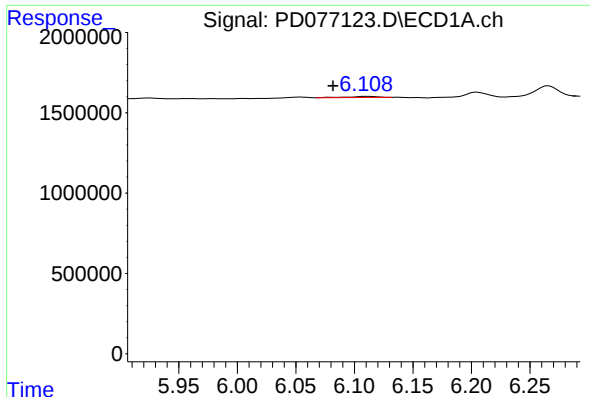
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.004 min
Response: 1314652
Conc: 0.40 ng/ml



#8 Heptachlor epoxide

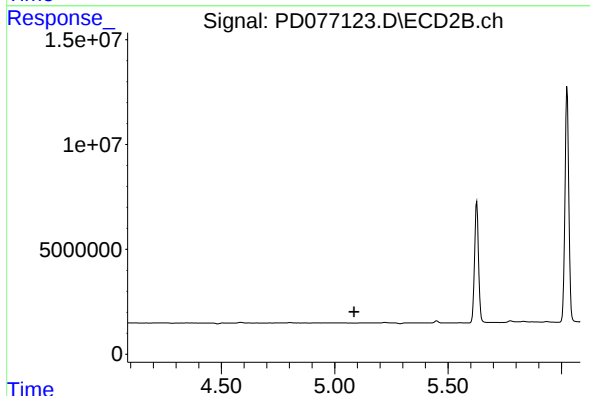
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#9 Endosulfan I

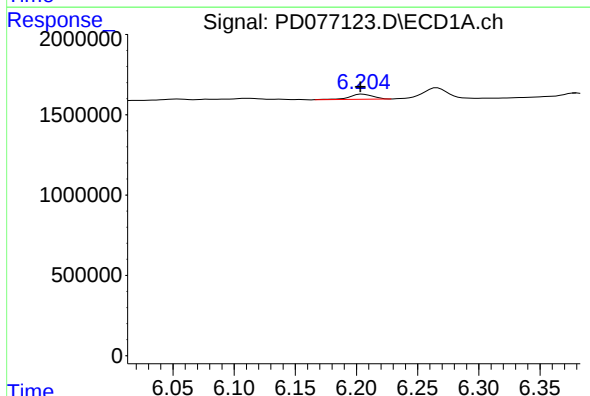
R.T.: 6.111 min
Delta R.T.: 0.029 min
Response: 126362
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



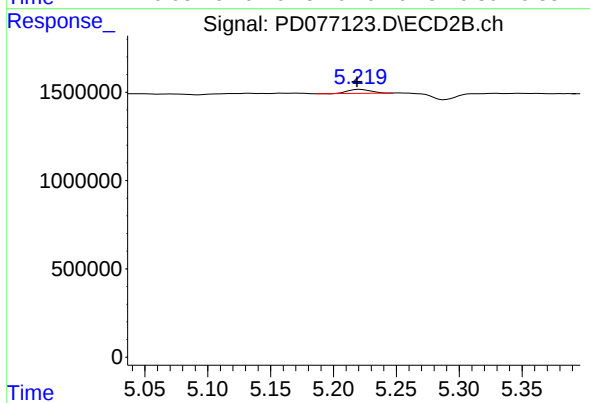
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.086 min
Response: 0
Conc: N.D.



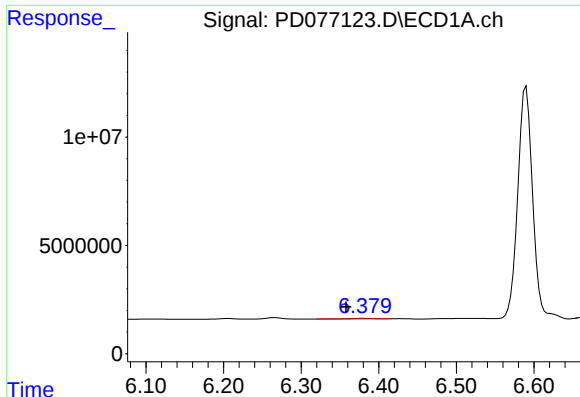
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 426650
Conc: 0.14 ng/ml



#12 4,4'-DDE

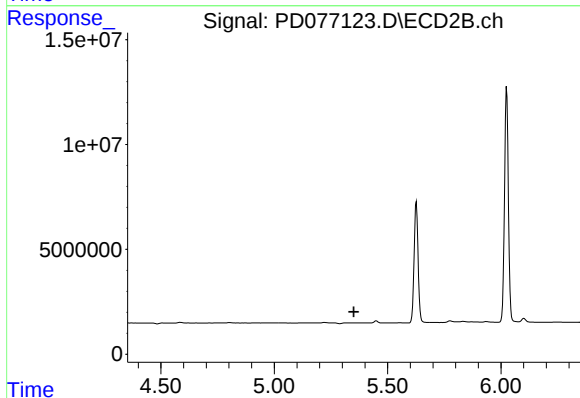
R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 289319
Conc: 0.20 ng/ml



#13 Dieldrin

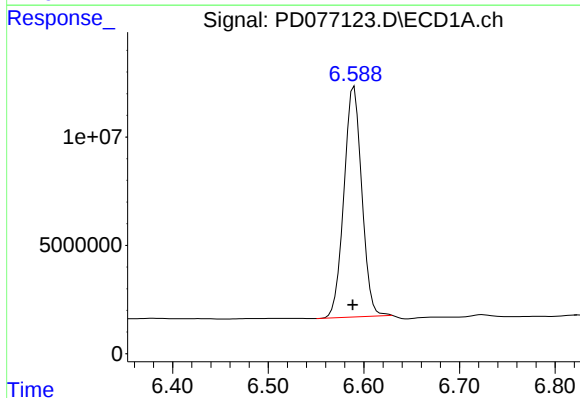
R.T.: 6.380 min
Delta R.T.: 0.022 min
Response: 406388
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



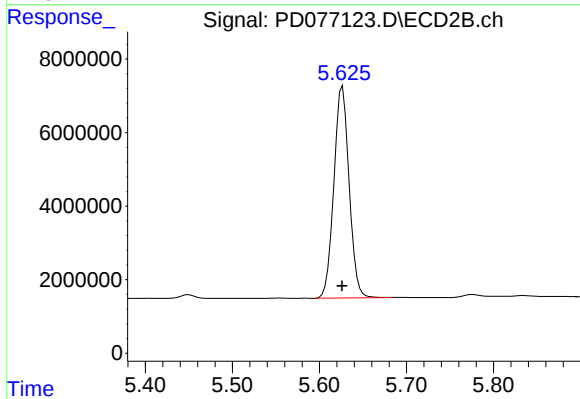
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.350 min
Response: 0
Conc: N.D.



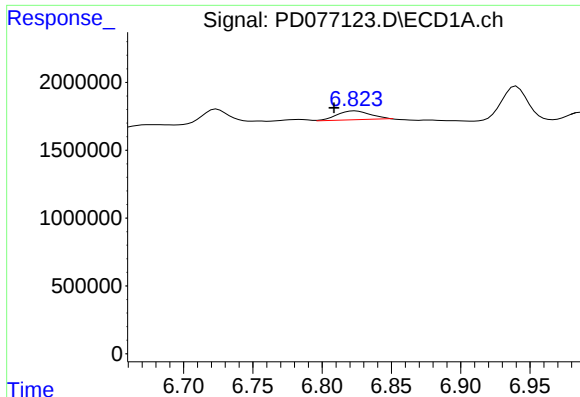
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 138532624
Conc: 49.86 ng/ml



#14 Endrin

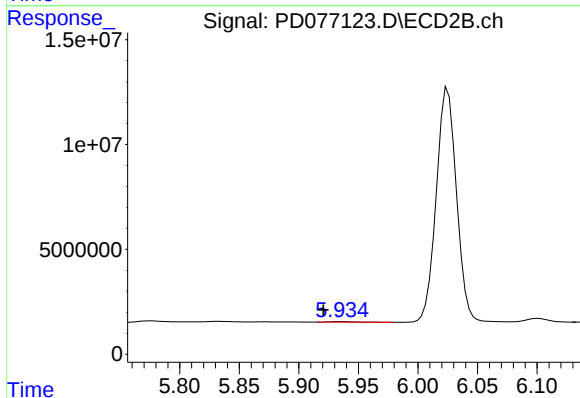
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 70126948
Conc: 47.93 ng/ml



#15 Endosulfan II

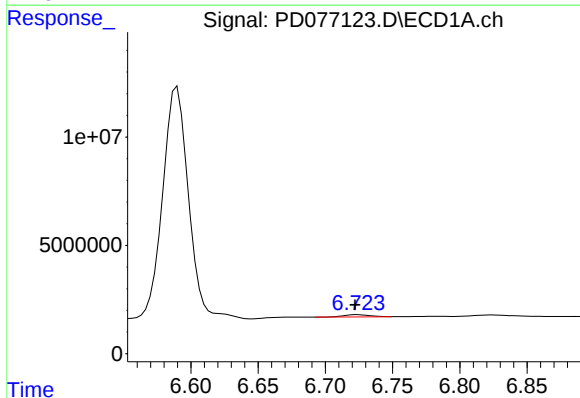
R.T.: 6.824 min
Delta R.T.: 0.015 min
Response: 1123715
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



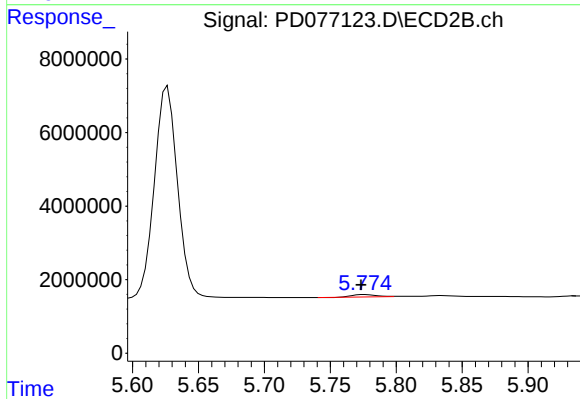
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.015 min
Response: 395875
Conc: 0.27 ng/ml



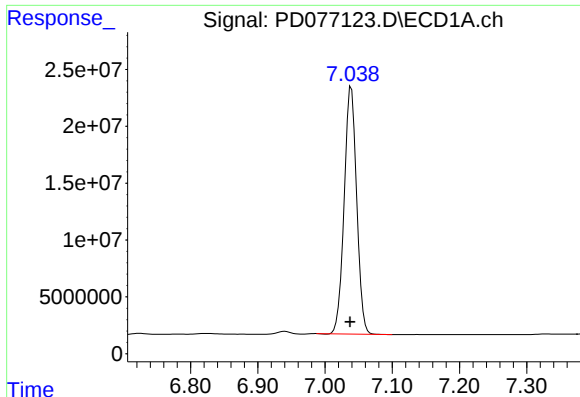
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.002 min
Response: 1452441
Conc: 0.62 ng/ml



#16 4,4'-DDD

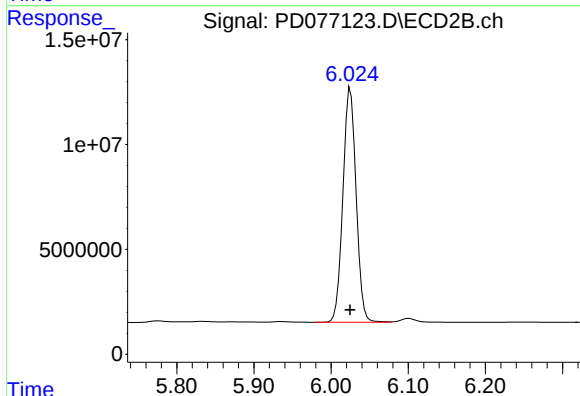
R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 815109
Conc: 0.73 ng/ml



#17 4,4'-DDT

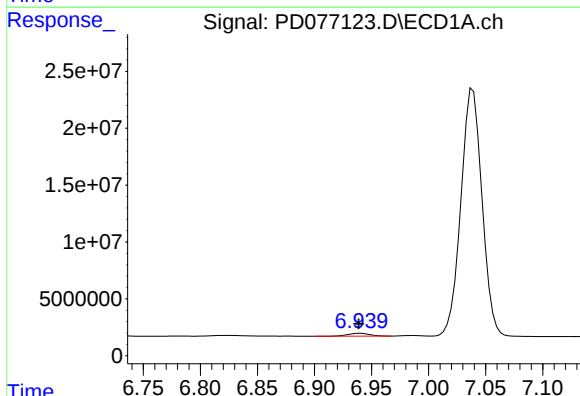
R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 279847604
Conc: 115.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



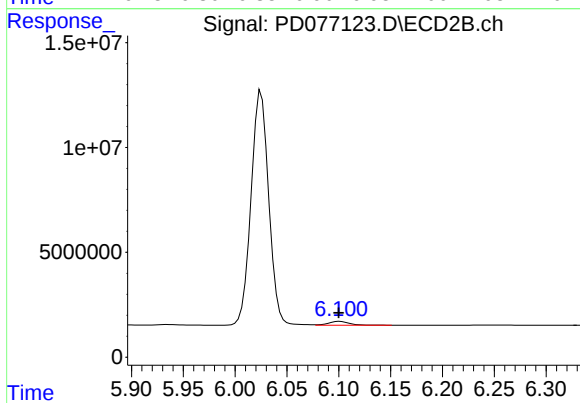
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 132358944
Conc: 119.07 ng/ml



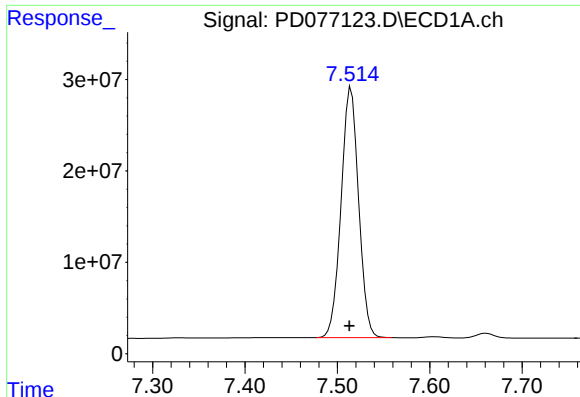
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: 0.001 min
Response: 3200277
Conc: 1.46 ng/ml



#18 Endrin aldehyde

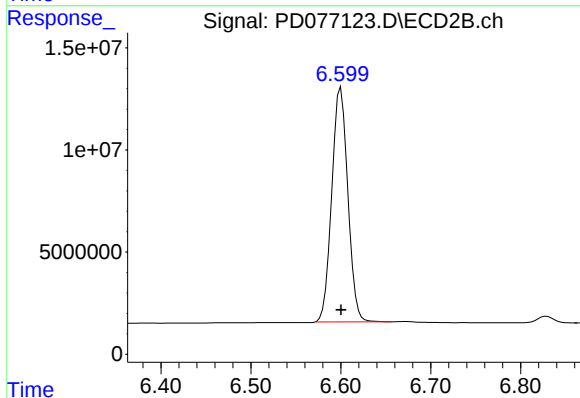
R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 2497480
Conc: 2.19 ng/ml



#20 Methoxychlor

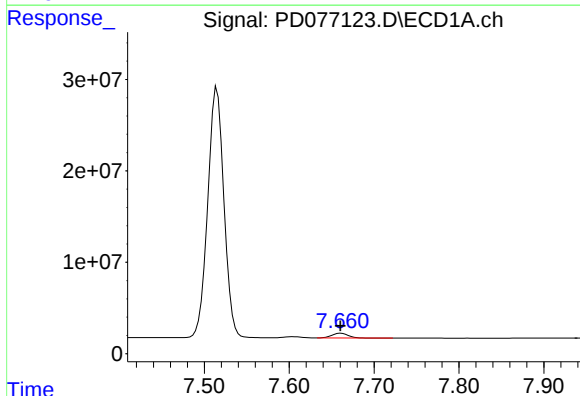
R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 360913383
Conc: 254.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



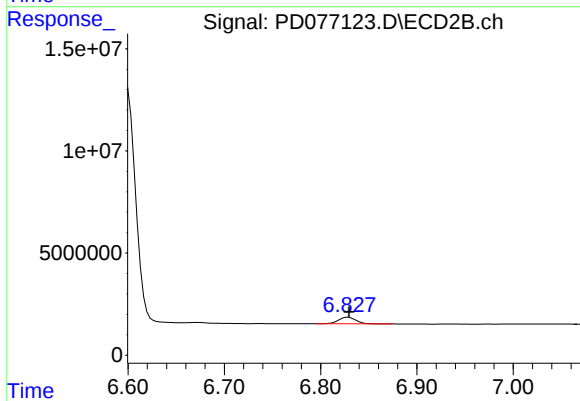
#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 142606099
Conc: 238.50 ng/ml



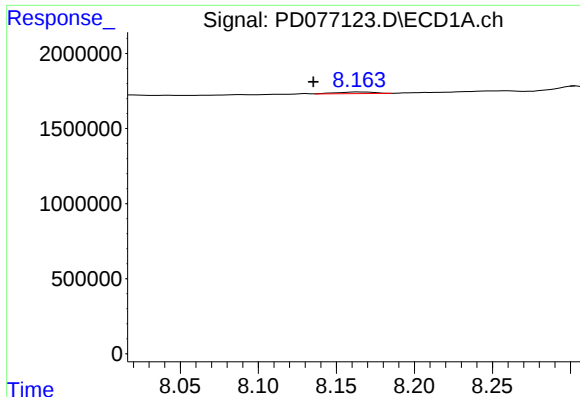
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 6993619
Conc: 2.32 ng/ml



#21 Endrin ketone

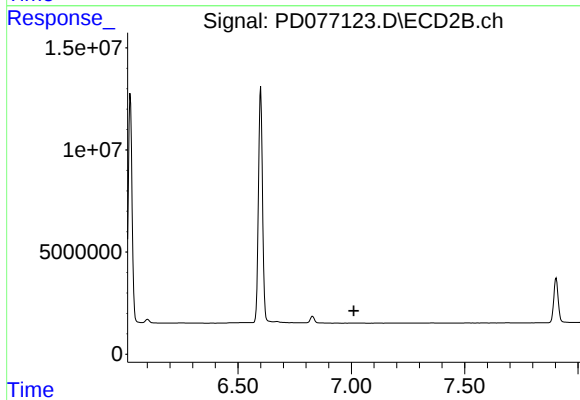
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 4018658
Conc: 2.53 ng/ml



#22 Mirex

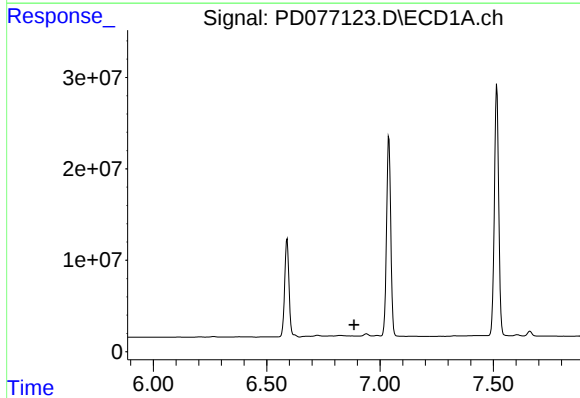
R.T.: 8.166 min
Delta R.T.: 0.030 min
Response: 188884
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



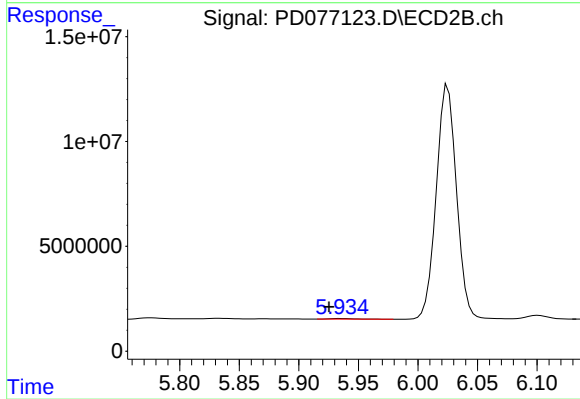
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.011 min
Response: 0
Conc: N.D.



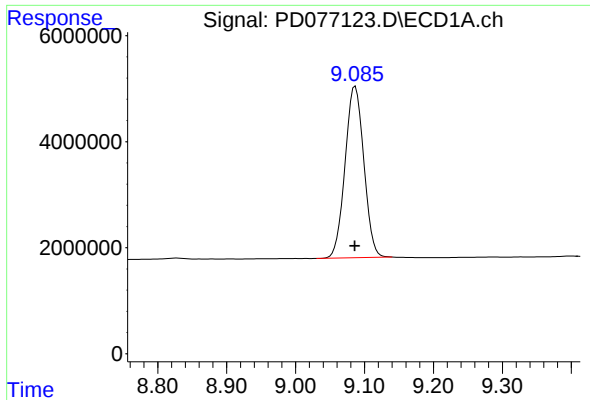
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

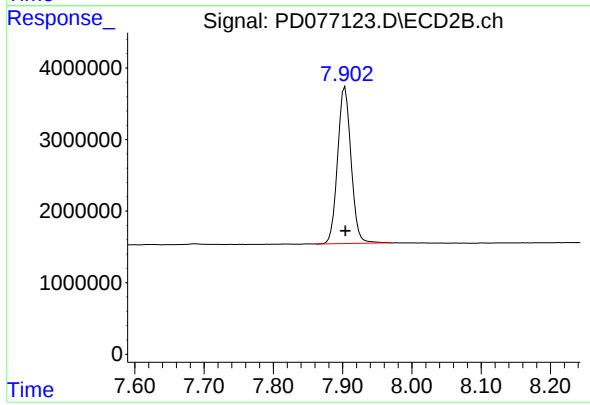
R.T.: 5.936 min
Delta R.T.: 0.011 min
Response: 395875
Conc: 6.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.000 min
Response: 61187117
Conc: 22.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 29514648
Conc: 20.62 ng/ml