

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082223\
 Data File : PD077323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 10:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/23/2023
 Supervised By : Ankita Jodhani 08/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 00:47:49 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...	3.543	2.762	45224396	26500220	19.110	19.455
28)	SA Decachlor...	9.084	7.902	55146999	25415877	20.125	17.760
Target Compounds							
2)	A alpha-BHC	3.999	3.263	34411185	18397730	8.962	9.511
3)	MA gamma-BHC...	4.333	3.593	33128960	16871882	9.001	9.069
6)	B beta-BHC	4.530	3.890	15557907	8130935	10.339	10.658
12)	B 4,4'-DDE	6.203	5.218	1031333	909341	0.348	0.627m#
14)	MA Endrin	6.587	5.625	124.0E6	66868117	44.617	45.699
16)	A 4,4'-DDD	6.722	5.776	1103754	745714	0.469	0.671 #
17)	MA 4,4'-DDT	7.036	6.023	242.3E6	116.1E6	99.660	104.481
18)	B Endrin al...	6.936	6.099	2704223	2850438	1.238	2.504 #
20)	A Methoxychlor	7.512	6.599	334.2E6	145.5E6	235.865	243.289
21)	B Endrin ke...	7.658	6.827	5640853	3236034	1.873	2.041

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

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Acq On : 22 Aug 2023 10:33
Operator : AR\AJ
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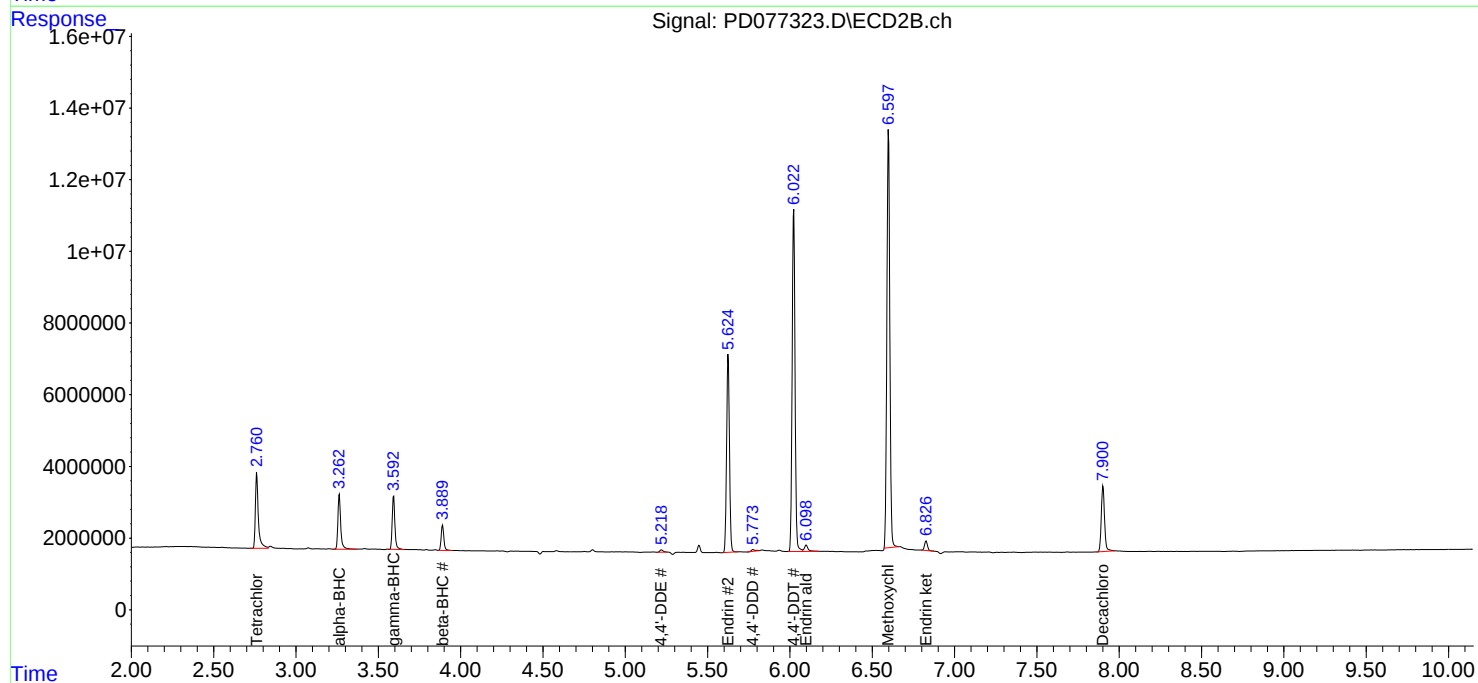
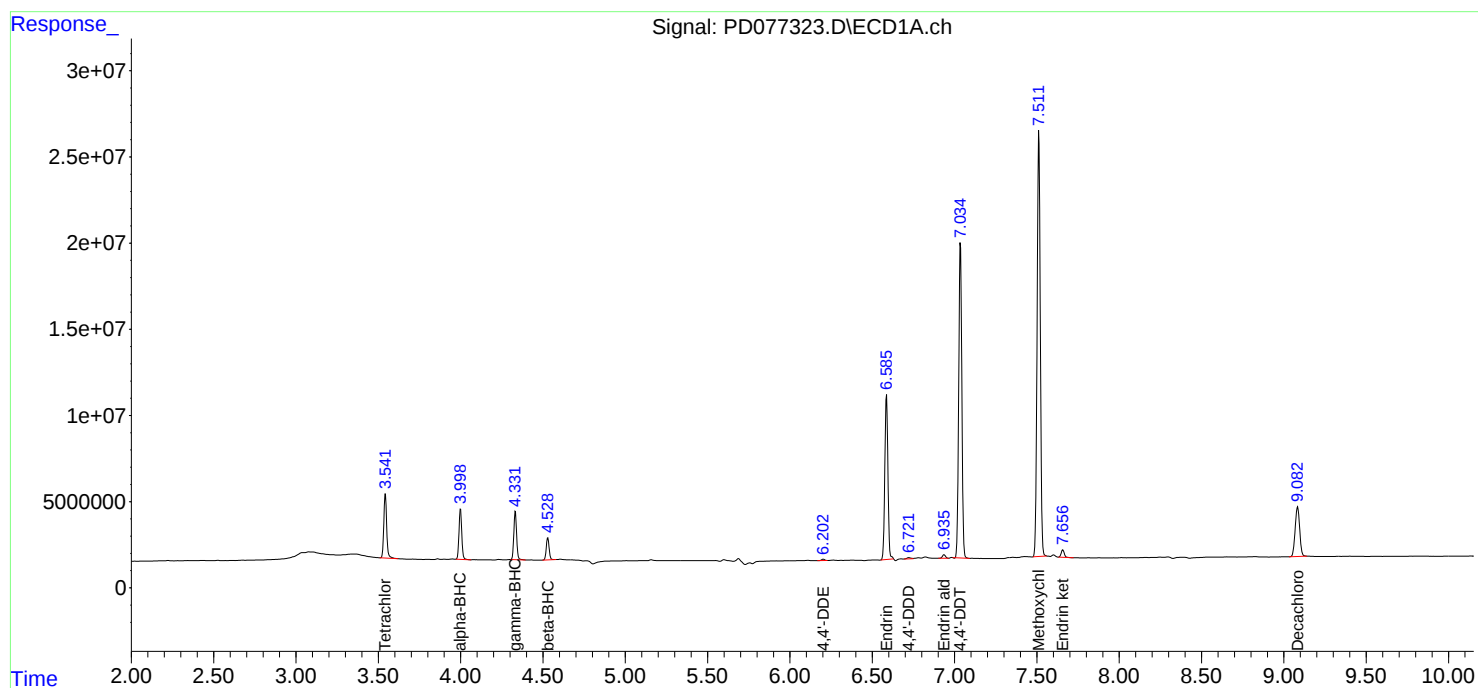
Instrument :
ECD_D
ClientSampleId :
PEM

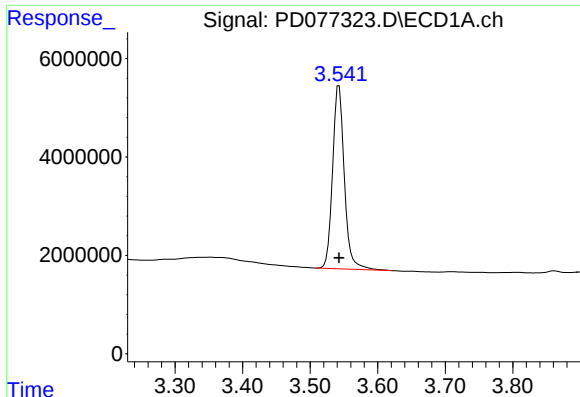
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Integration File signal 1: autoint1.e
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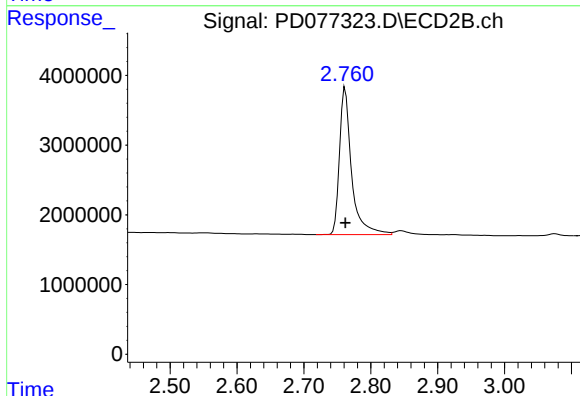
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 45224396
Conc: 19.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

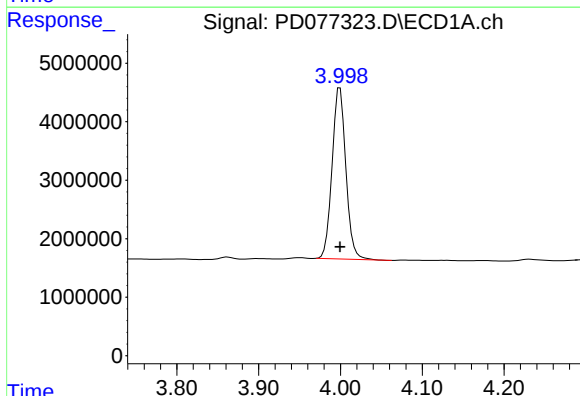
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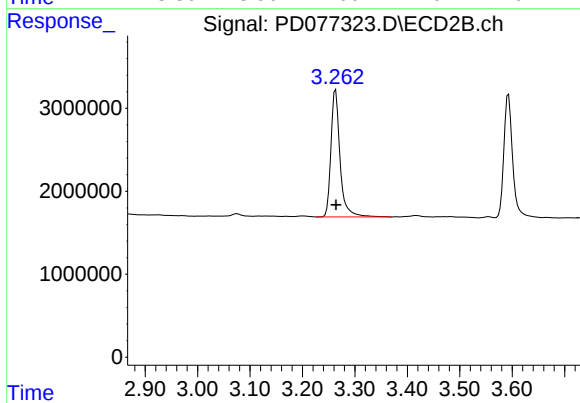
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 26500220
Conc: 19.46 ng/ml



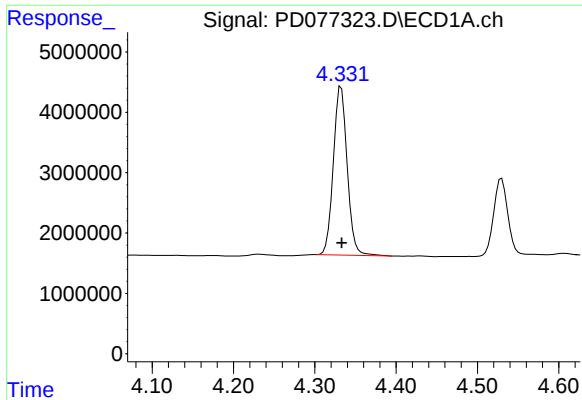
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 34411185
Conc: 8.96 ng/ml



#2 alpha-BHC

R.T.: 3.263 min
Delta R.T.: 0.000 min
Response: 18397730
Conc: 9.51 ng/ml



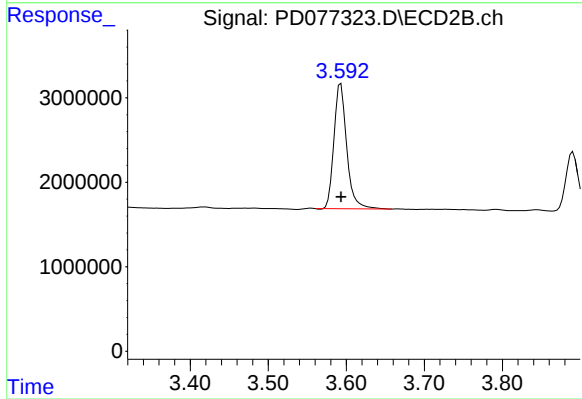
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 33128960
Conc: 9.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

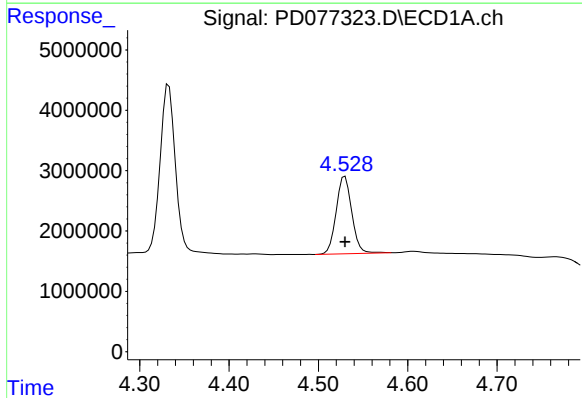
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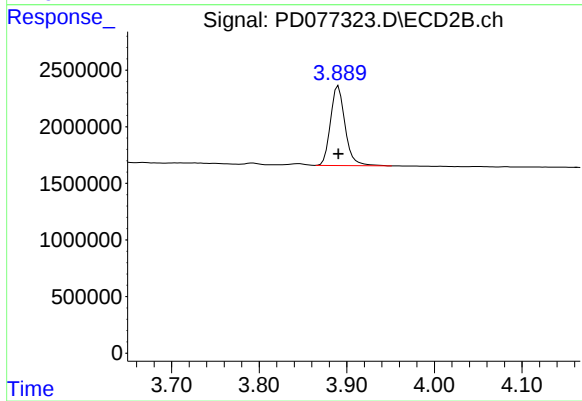
#3 gamma-BHC (Lindane)

R.T.: 3.593 min
Delta R.T.: 0.000 min
Response: 16871882
Conc: 9.07 ng/ml



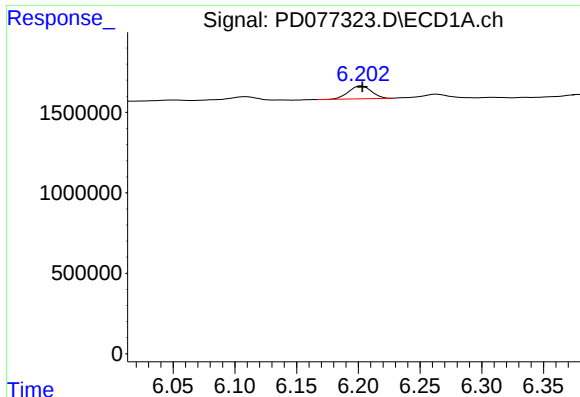
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15557907
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 3.890 min
Delta R.T.: 0.000 min
Response: 8130935
Conc: 10.66 ng/ml



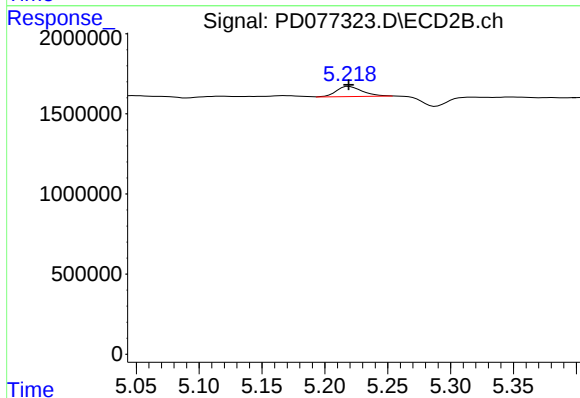
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 1031333
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

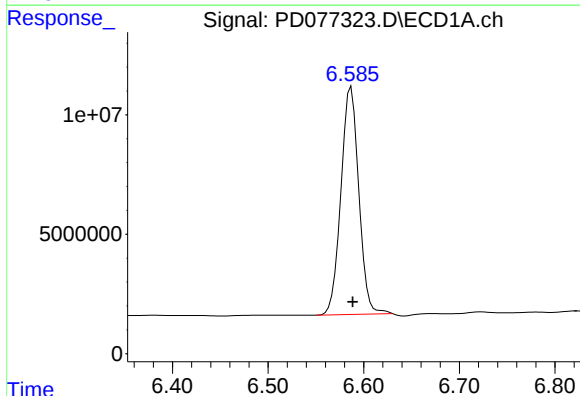
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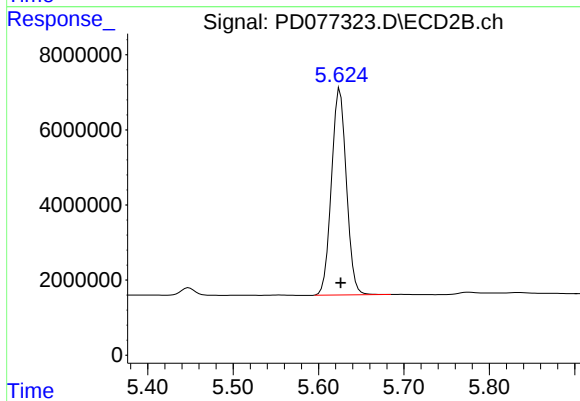
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 909341
Conc: 0.63 ng/ml m



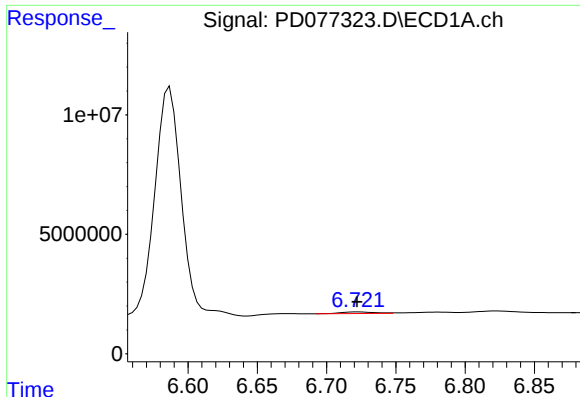
#14 Endrin

R.T.: 6.587 min
Delta R.T.: -0.002 min
Response: 123976022
Conc: 44.62 ng/ml



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 66868117
Conc: 45.70 ng/ml



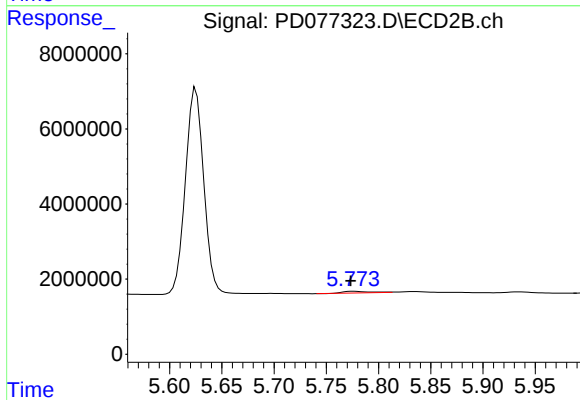
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 1103754
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

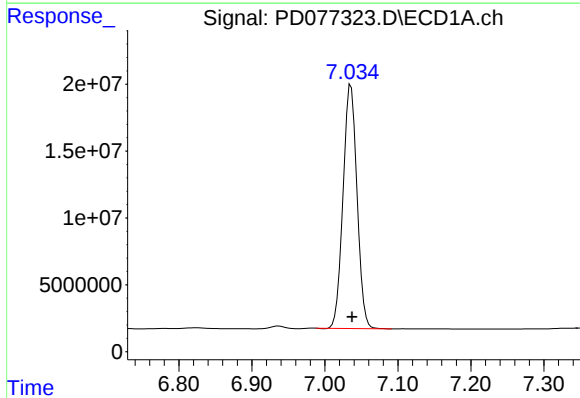
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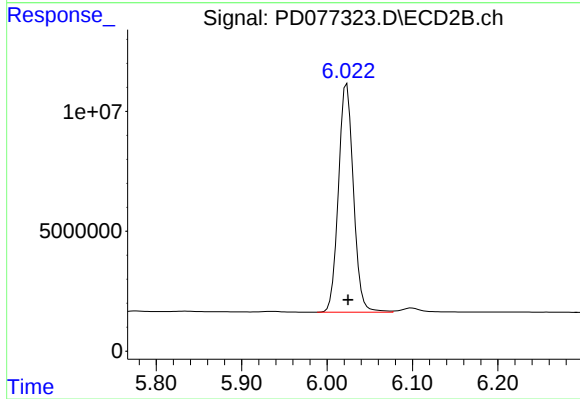
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 745714
Conc: 0.67 ng/ml



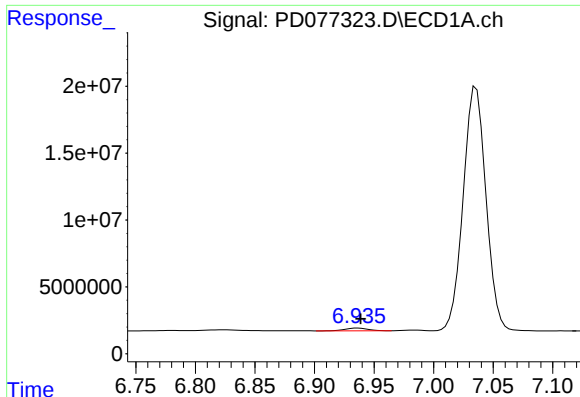
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: -0.001 min
Response: 242335236
Conc: 99.66 ng/ml



#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.001 min
Response: 116139784
Conc: 104.48 ng/ml



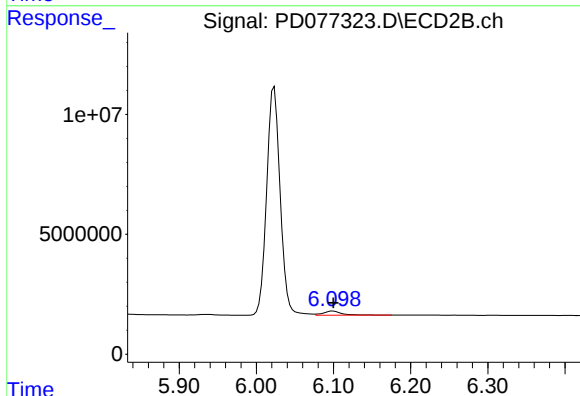
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 2704223
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

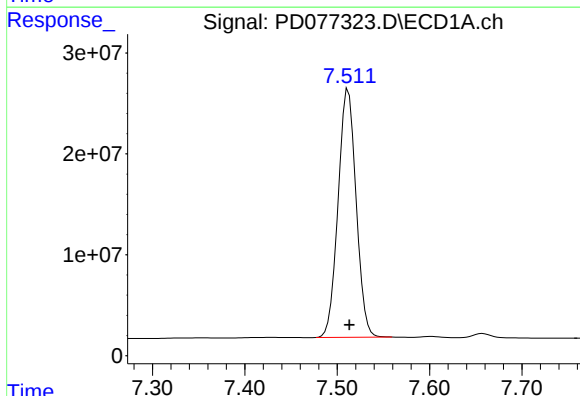
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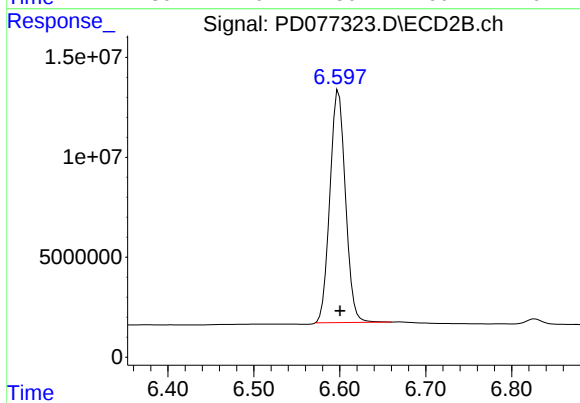
#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2850438
Conc: 2.50 ng/ml



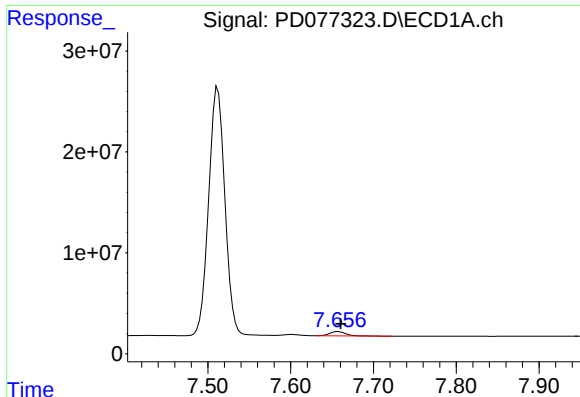
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.001 min
Response: 334190256
Conc: 235.87 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.001 min
Response: 145471933
Conc: 243.29 ng/ml



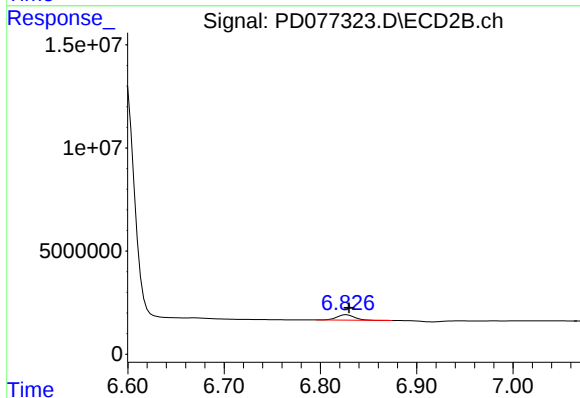
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.003 min
Response: 5640853
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

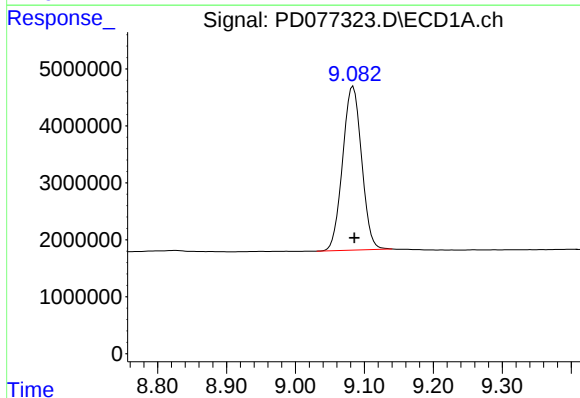
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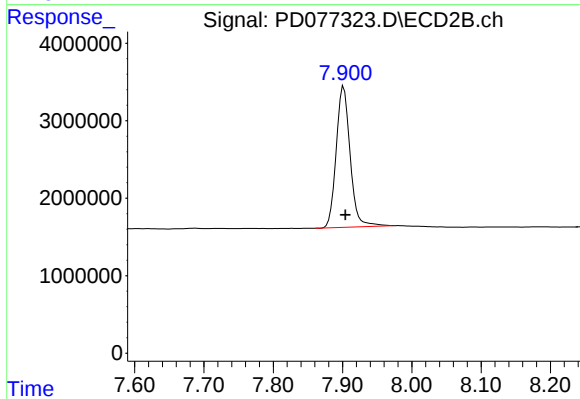
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.002 min
Response: 3236034
Conc: 2.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: -0.002 min
Response: 55146999
Conc: 20.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 25415877
Conc: 17.76 ng/ml