

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090423\
 Data File : PD077585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2023 14:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/05/2023
 Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:04:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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	2.761	48408548	31619164	19.066	19.991
28)	SA Decachlor...	9.084	7.900	59986513	33757536	19.692	19.562
Target Compounds							
2)	A alpha-BHC	4.000	3.262	37655418	22294501	9.153	9.636
3)	MA gamma-BHC...	4.333	3.592	36435267	20316485	9.210	9.088
6)	B beta-BHC	4.531	3.889	17024500	9638752	10.549	10.815
12)	B 4,4'-DDE	6.205	5.218	562193	611105	0.175	0.335 #
14)	MA Endrin	6.588	5.623	137.0E6	83624166	45.158	46.168
16)	A 4,4'-DDD	6.723	5.773	1466894	966711	0.572	0.692
17)	MA 4,4'-DDT	7.037	6.022	273.7E6	160.8E6	104.642	113.783
18)	B Endrin al...	6.938	6.096	3047177	2445859	1.282	1.812m#
20)	A Methoxychlor	7.513	6.597	366.0E6	191.2E6	236.655	246.948
21)	B Endrin ke...	7.659	6.826	6857756	4442223	2.110	2.349

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

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Acq On : 02 Sep 2023 14:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

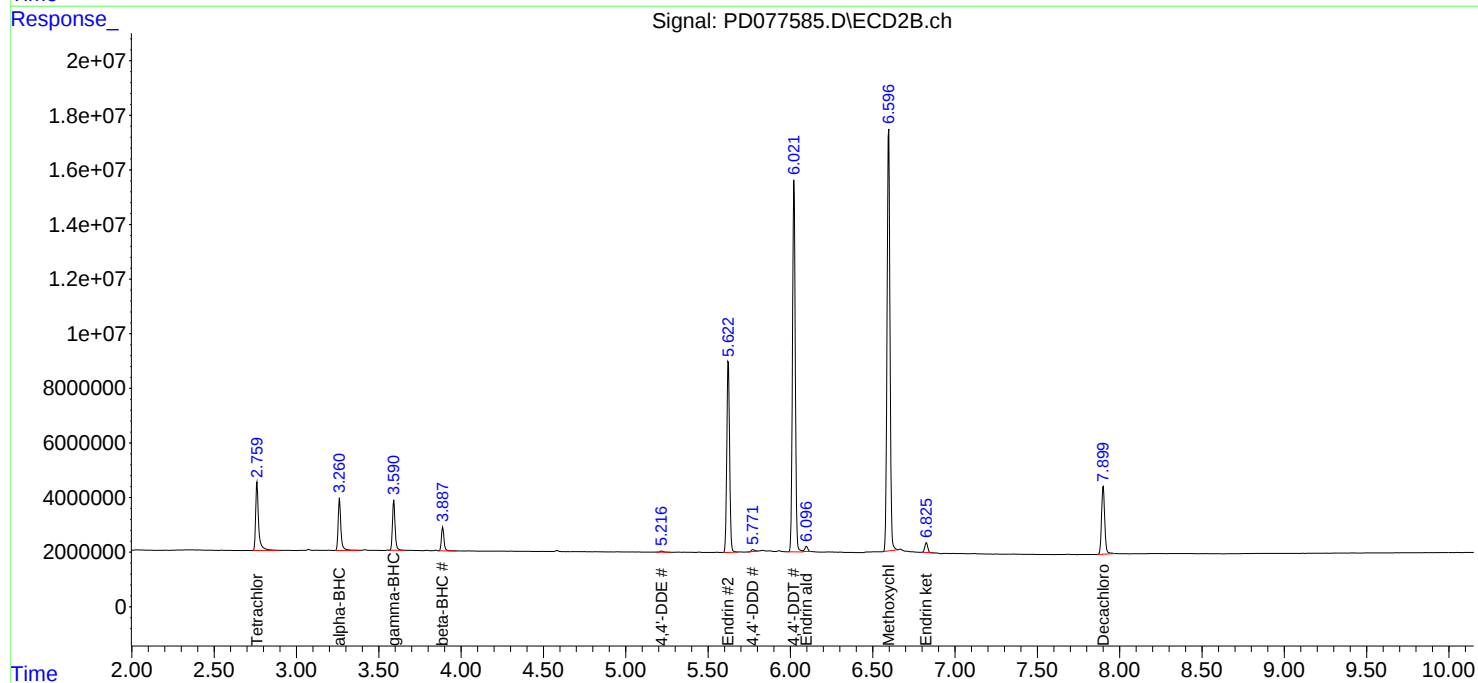
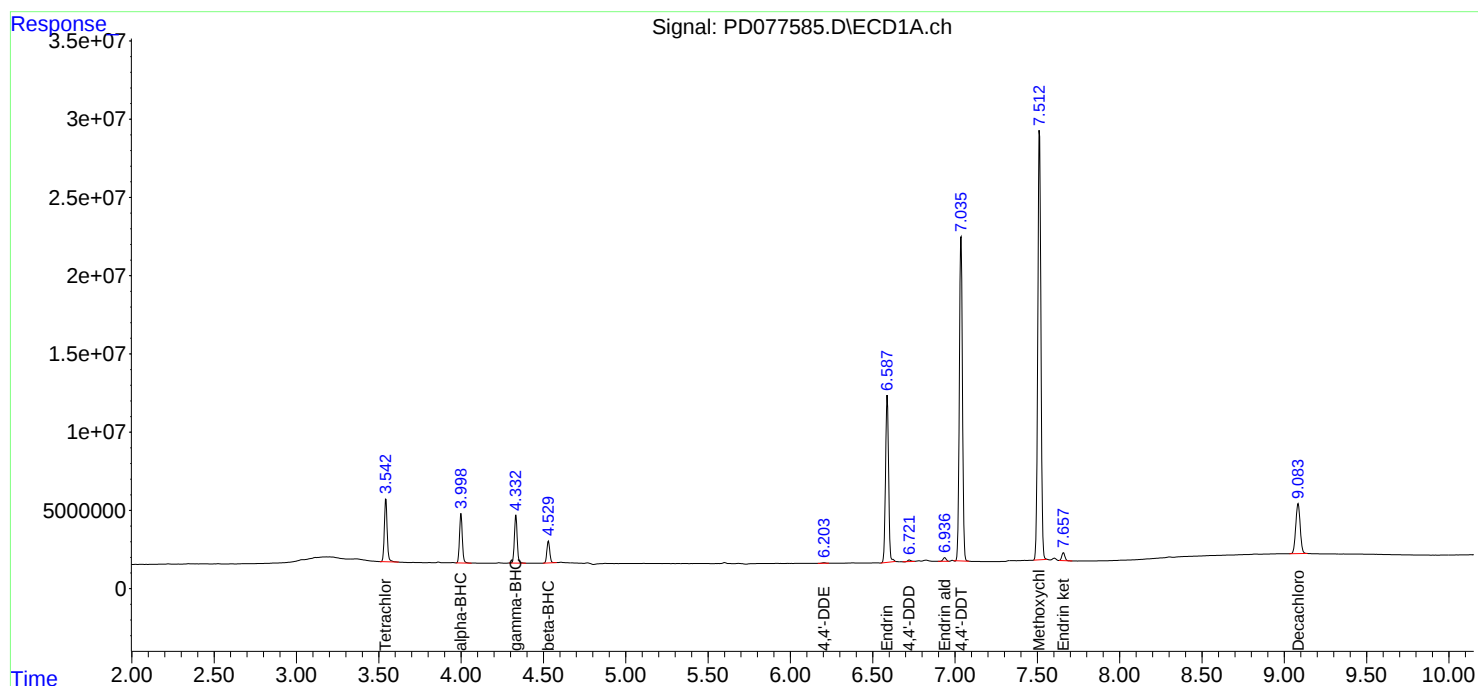
Instrument :
ECD_D
ClientSampleId :
PEM

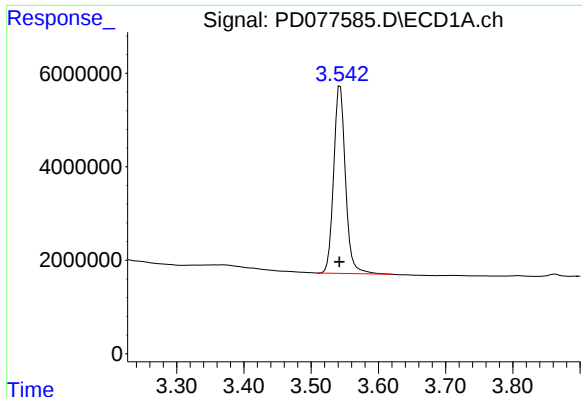
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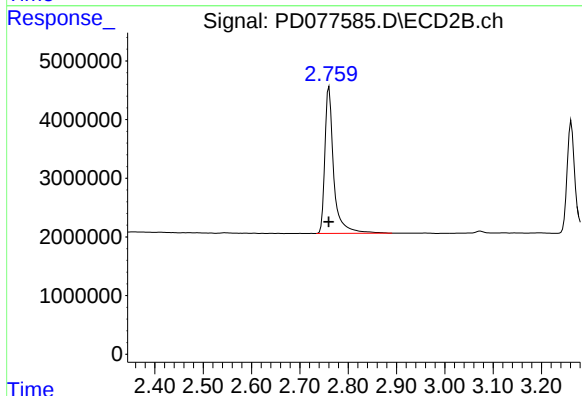
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.001 min
Response: 48408548
Conc: 19.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

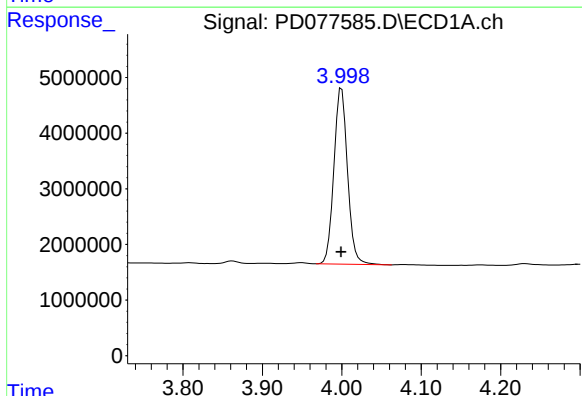
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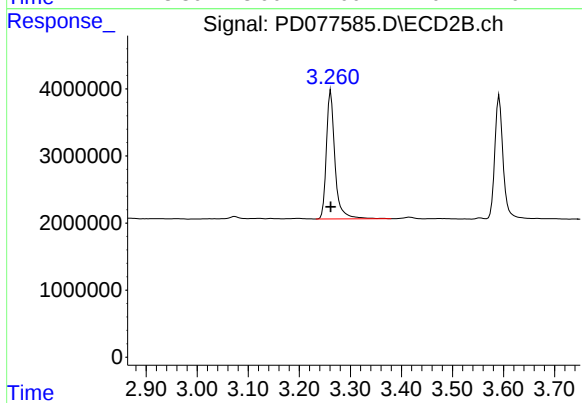
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: 0.000 min
Response: 31619164
Conc: 19.99 ng/ml



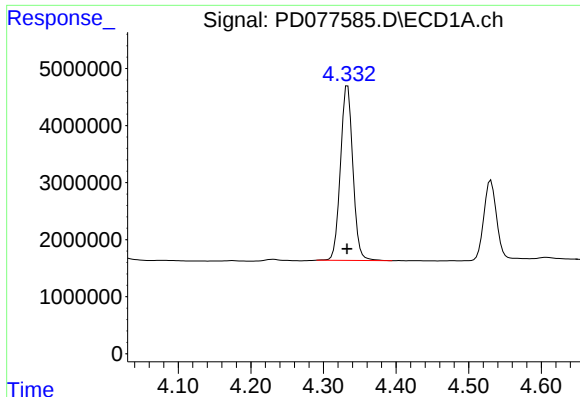
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 37655418
Conc: 9.15 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 22294501
Conc: 9.64 ng/ml



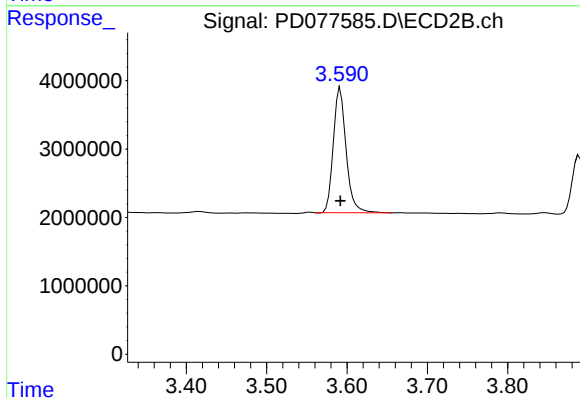
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 36435267
Conc: 9.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

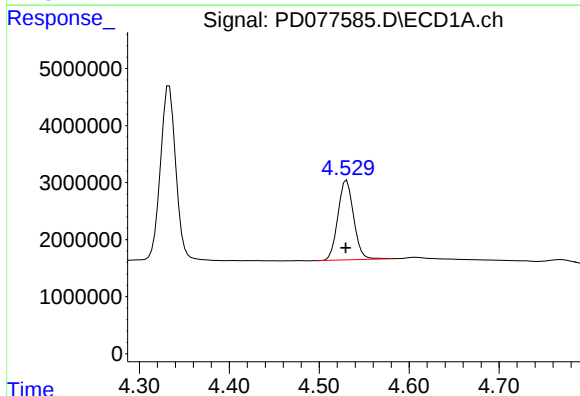
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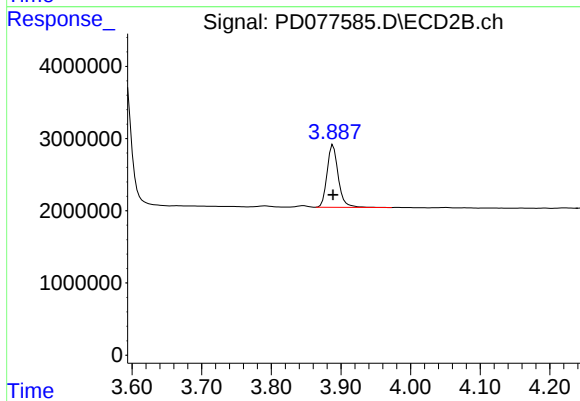
#3 gamma-BHC (Lindane)

R.T.: 3.592 min
Delta R.T.: 0.000 min
Response: 20316485
Conc: 9.09 ng/ml



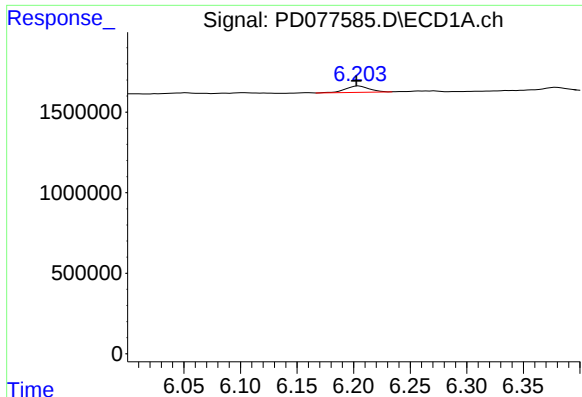
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 17024500
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.889 min
Delta R.T.: 0.000 min
Response: 9638752
Conc: 10.81 ng/ml



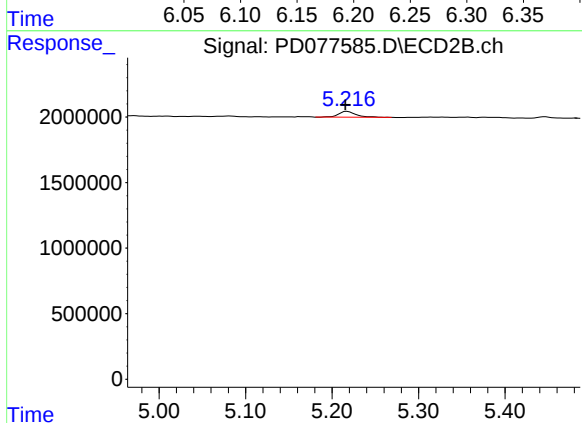
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 562193
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

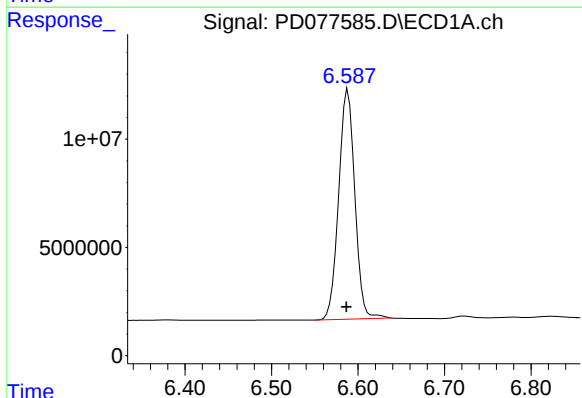
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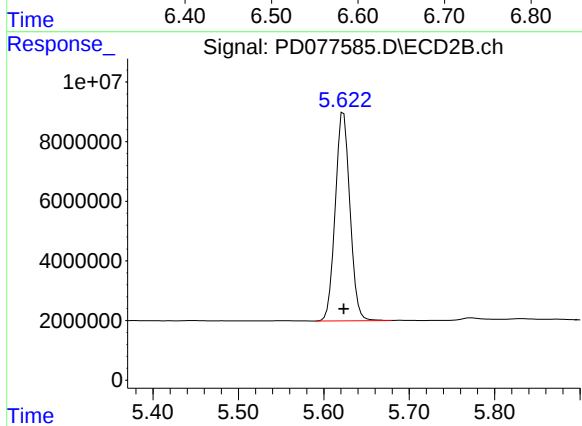
#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: 0.002 min
Response: 611105
Conc: 0.33 ng/ml



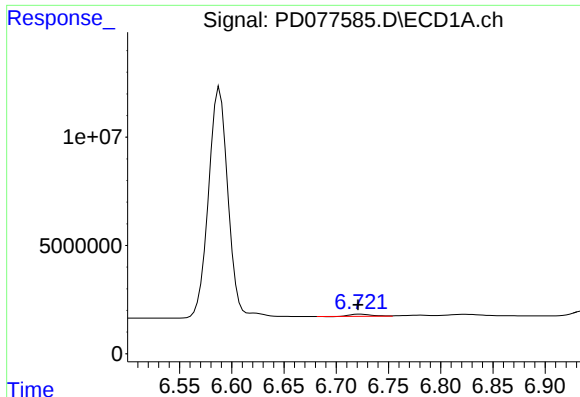
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 136974060
Conc: 45.16 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 83624166
Conc: 46.17 ng/ml



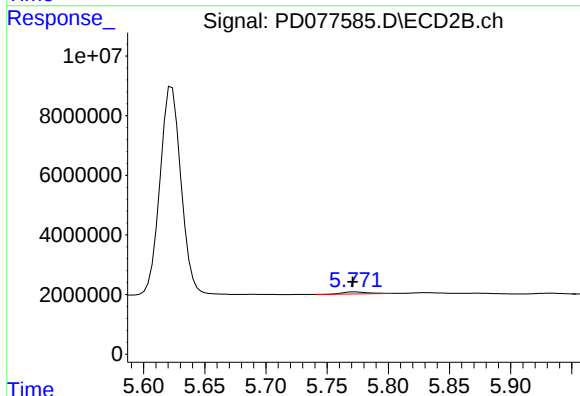
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.002 min
Response: 1466894
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

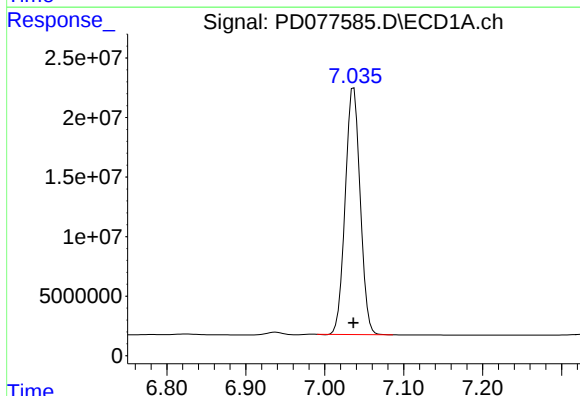
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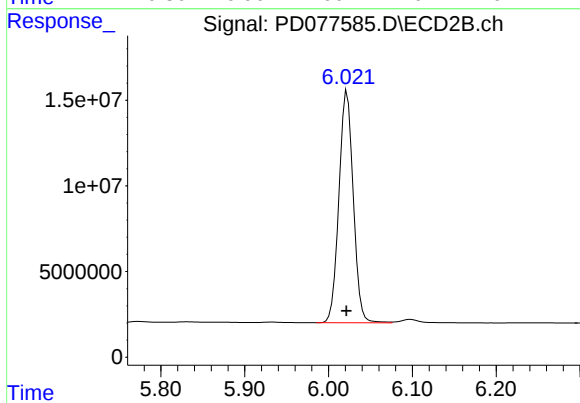
#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: 0.002 min
Response: 966711
Conc: 0.69 ng/ml



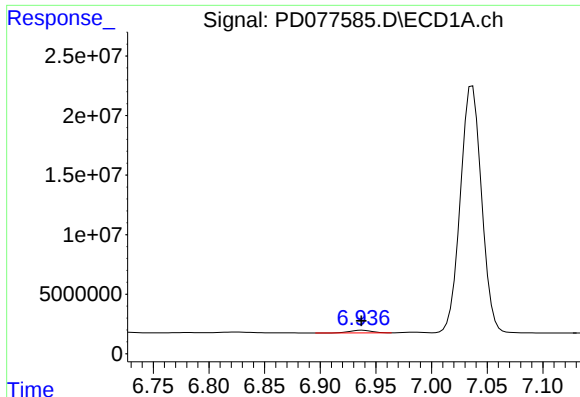
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 273670285
Conc: 104.64 ng/ml



#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 160757665
Conc: 113.78 ng/ml



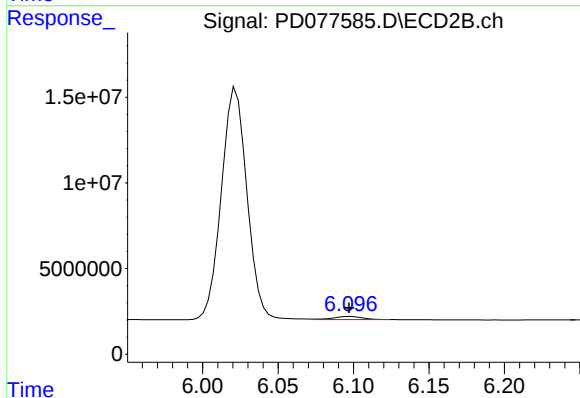
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 3047177
Conc: 1.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

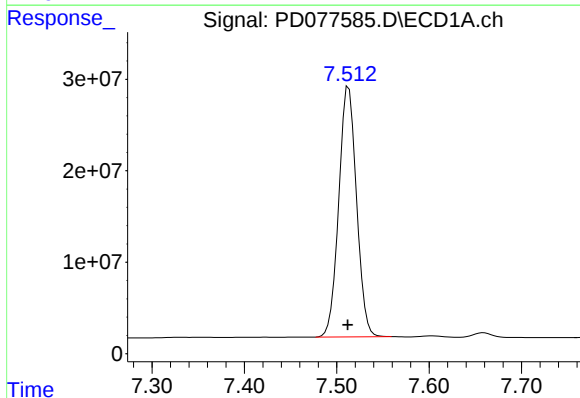
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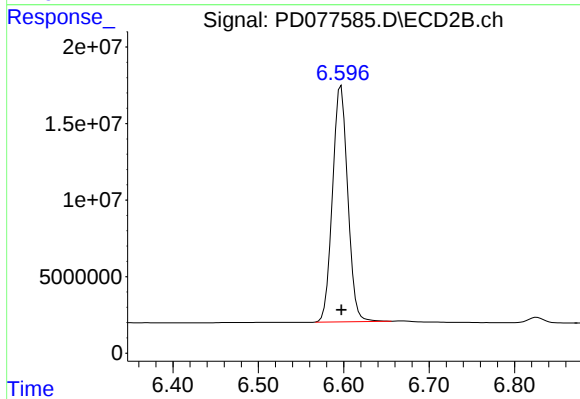
#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 2445859
Conc: 1.81 ng/ml m



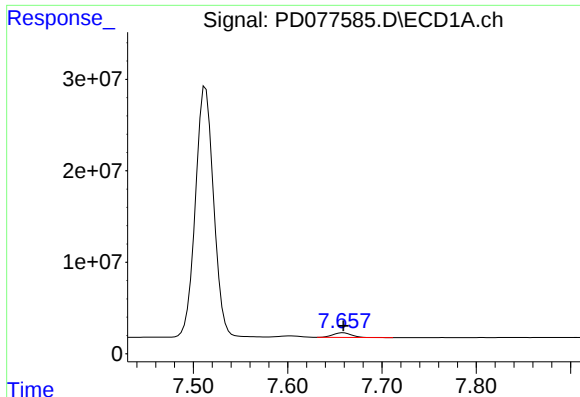
#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: 0.001 min
Response: 366046589
Conc: 236.65 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 191196729
Conc: 246.95 ng/ml



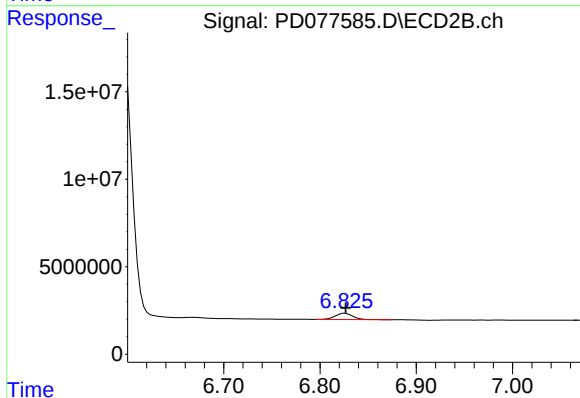
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 6857756
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

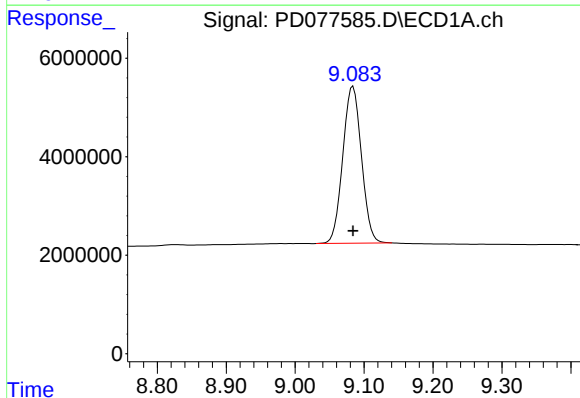
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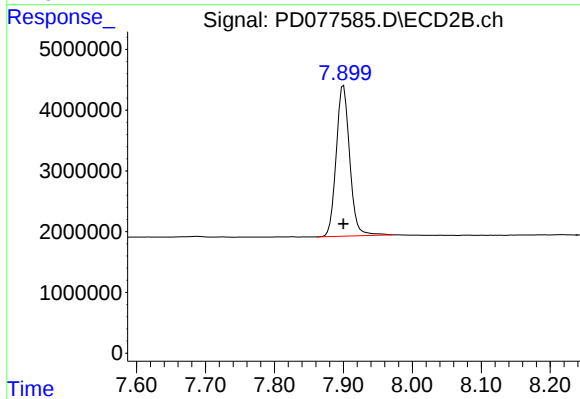
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 4442223
Conc: 2.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.084 min
Delta R.T.: 0.000 min
Response: 59986513
Conc: 19.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 33757536
Conc: 19.56 ng/ml