

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 15:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:22:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	2.694	3.457	32462357	1762.0E6	15.489	17.916
28)	SA Decachlor...	7.826	8.913	40201775	351.6E6	16.604	19.945
Target Compounds							
2)	A alpha-BHC	3.196	3.921	24976765	1279.3E6	7.221	9.572 #
3)	MA gamma-BHC...	3.527	4.255	18321877	1044.0E6	6.663	10.581 #
6)	B beta-BHC	3.829	4.470	10831281	366.7E6	8.529	10.822 #
12)	B 4,4'-DDE	5.142	6.100	687225	4991346	0.254m	0.118m#
14)	MA Endrin	5.556	6.487	93292150	1333.2E6	36.333	40.579
16)	A 4,4'-DDD	5.708	6.621	296479	42933419	0.131m	1.374 #
17)	MA 4,4'-DDT	5.952	6.928	184.1E6	2727.3E6	83.113	90.252
18)	B Endrin al...	6.037	6.847	2983867	21918200	1.585	0.935m#
20)	A Methoxychlor	6.535	7.409	267.3E6	2979.7E6	200.589	220.145
21)	B Endrin ke...	6.769	7.571	7907988	63502504	2.910	2.313

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

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Acq On : 23 Dec 2022 15:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

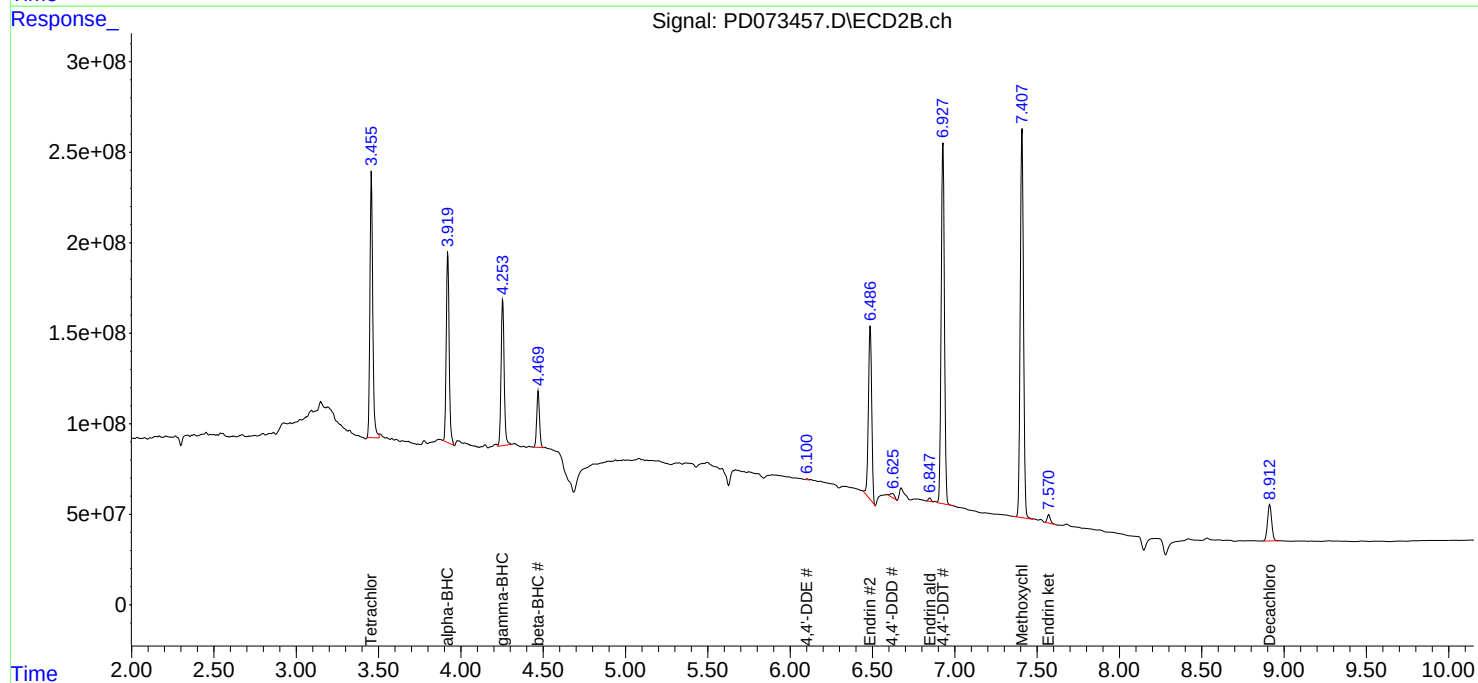
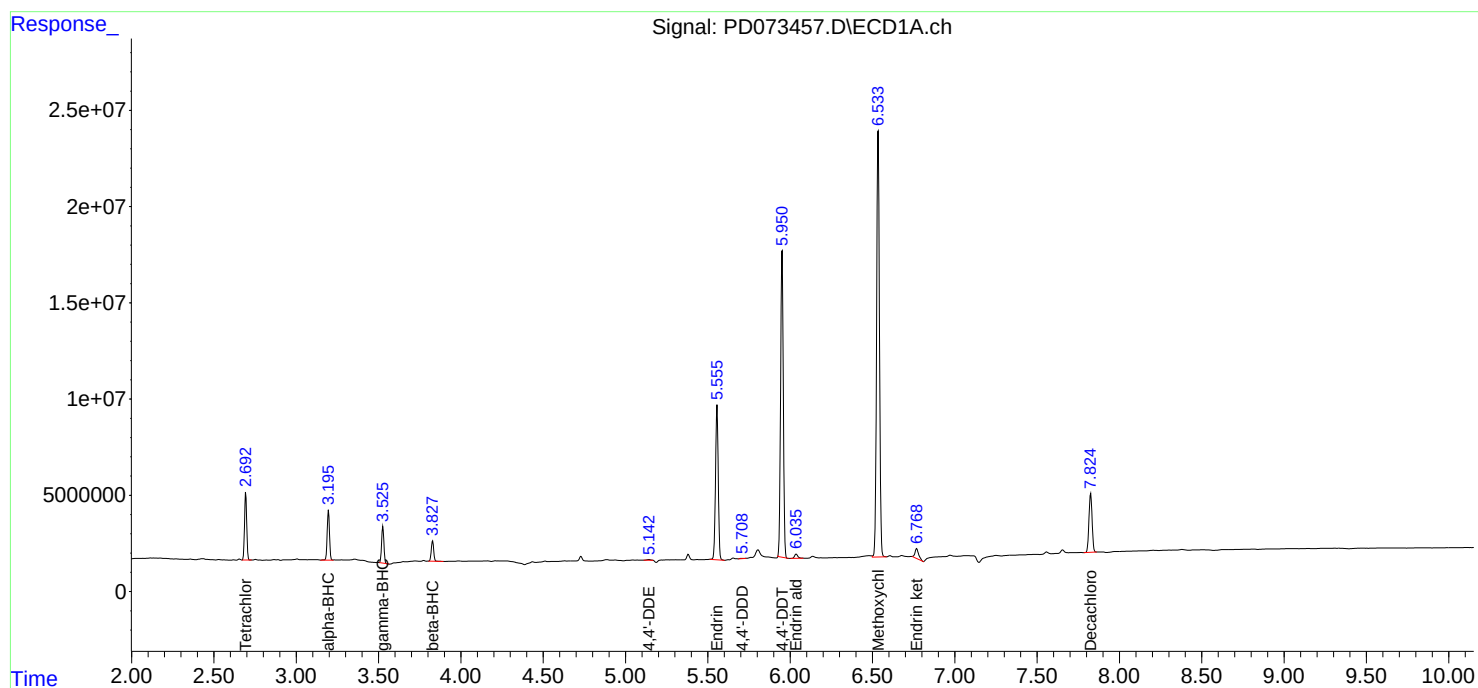
Instrument :
ECD_D
ClientSampleId :
PEM

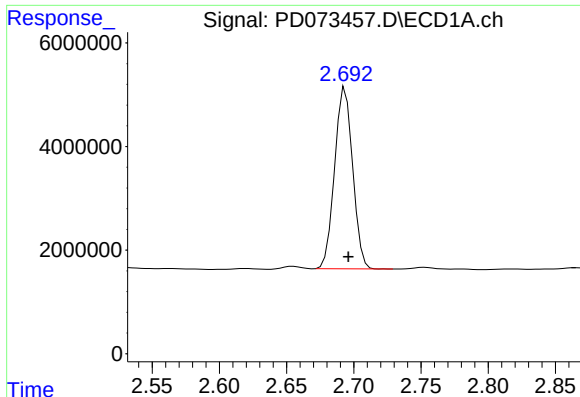
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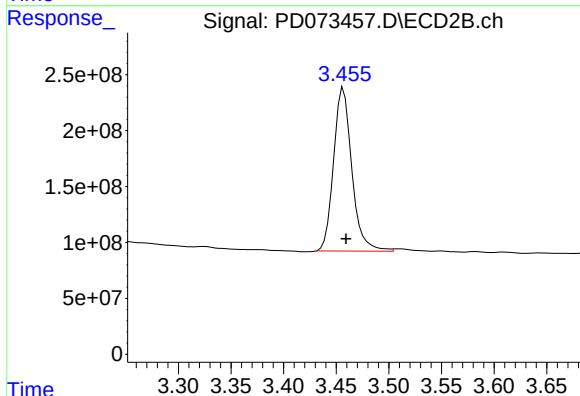
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 32462357
Conc: 15.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

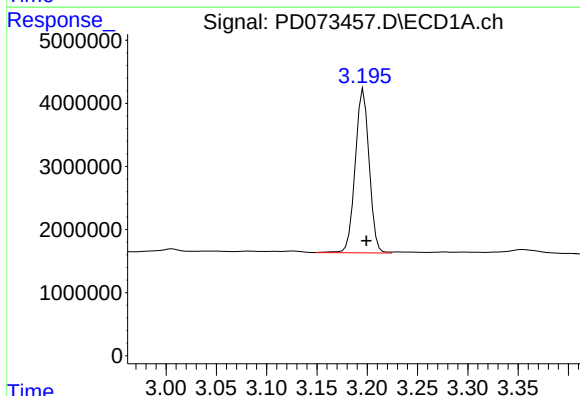
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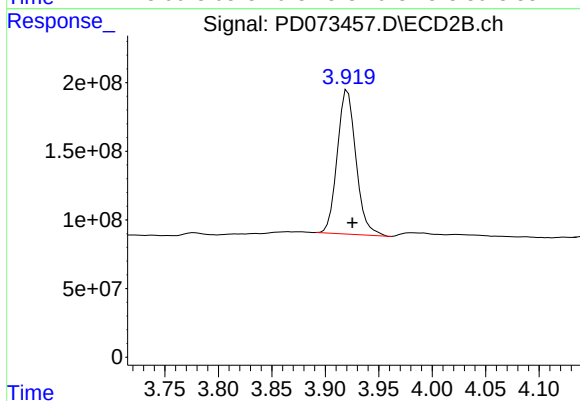
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.002 min
Response: 1761952811
Conc: 17.92 ng/ml



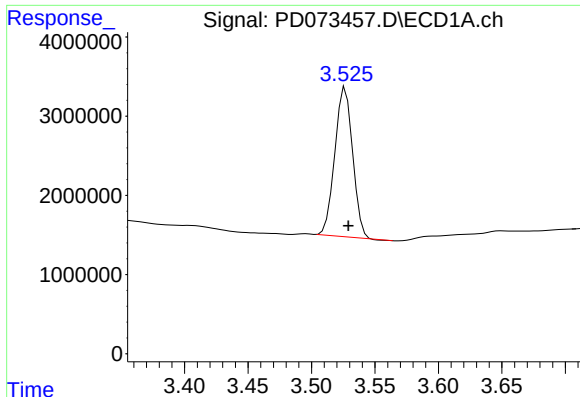
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 24976765
Conc: 7.22 ng/ml



#2 alpha-BHC

R.T.: 3.921 min
Delta R.T.: -0.004 min
Response: 1279309543
Conc: 9.57 ng/ml



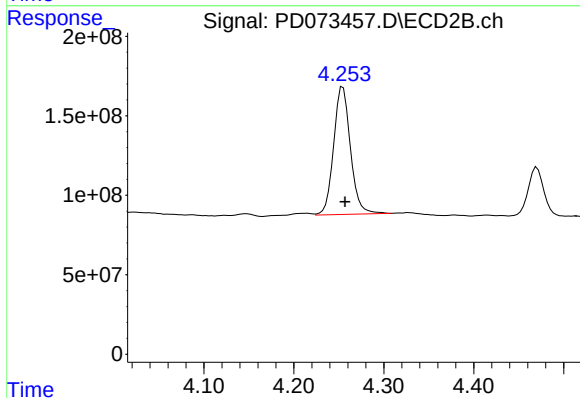
#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 18321877
Conc: 6.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

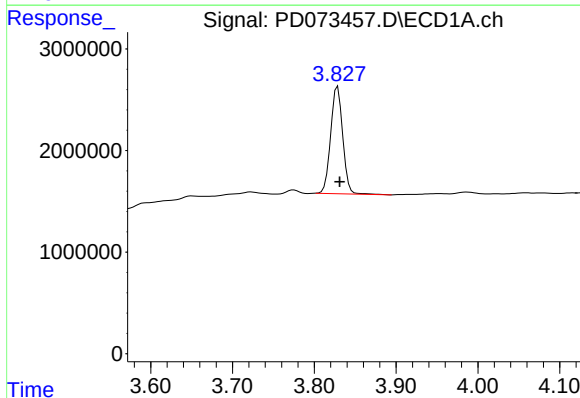
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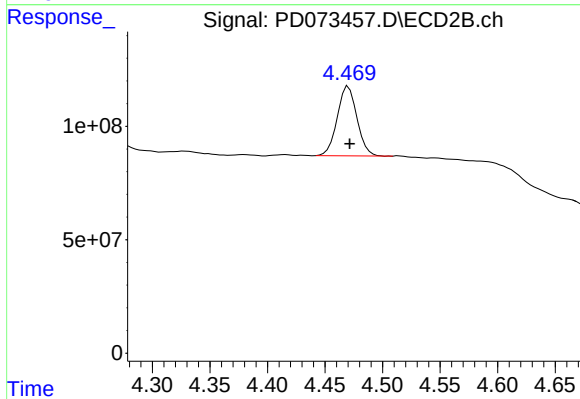
#3 gamma-BHC (Lindane)

R.T.: 4.255 min
Delta R.T.: -0.002 min
Response: 1043985753
Conc: 10.58 ng/ml



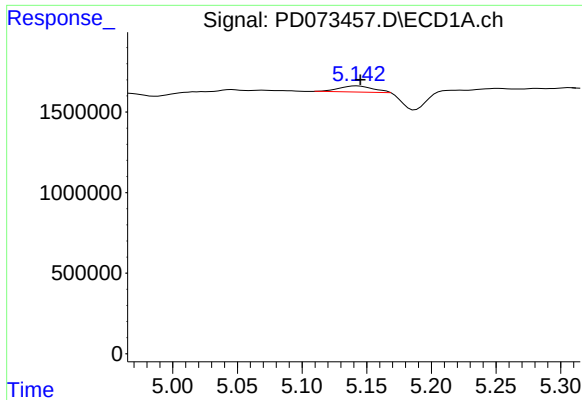
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.002 min
Response: 10831281
Conc: 8.53 ng/ml



#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 366706975
Conc: 10.82 ng/ml



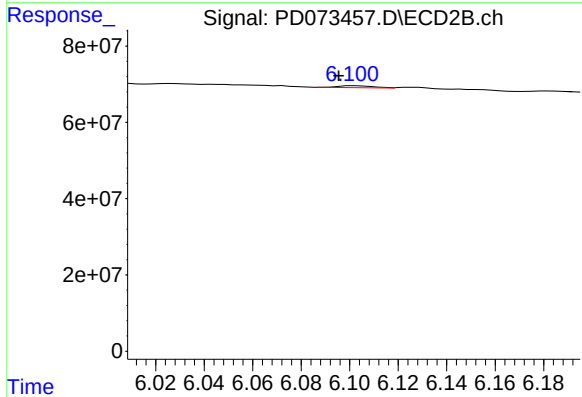
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 687225
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

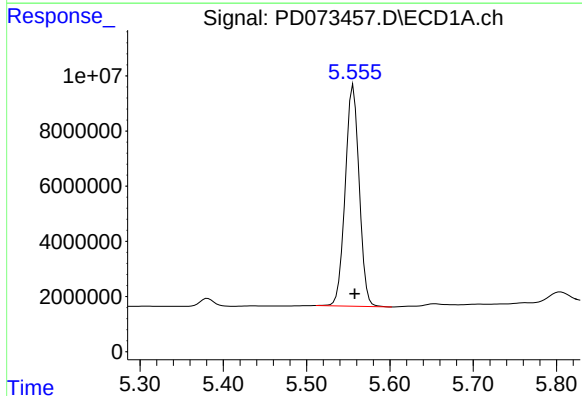
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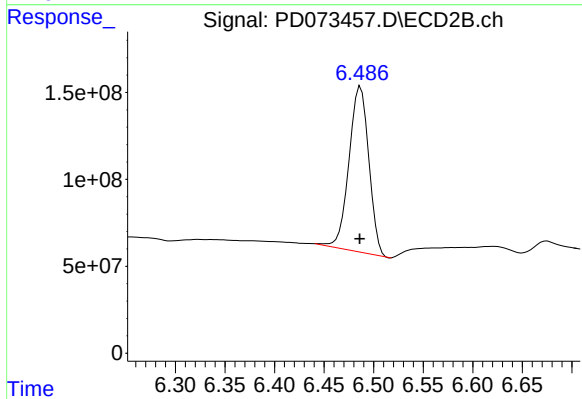
#12 4,4'-DDE

R.T.: 6.100 min
Delta R.T.: 0.004 min
Response: 4991346
Conc: 0.12 ng/ml m



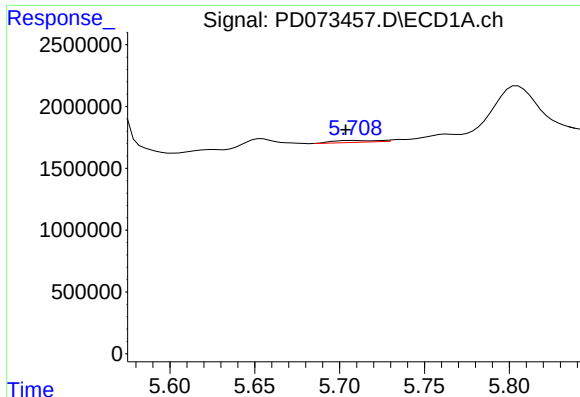
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 93292150
Conc: 36.33 ng/ml



#14 Endrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 1333167904
Conc: 40.58 ng/ml



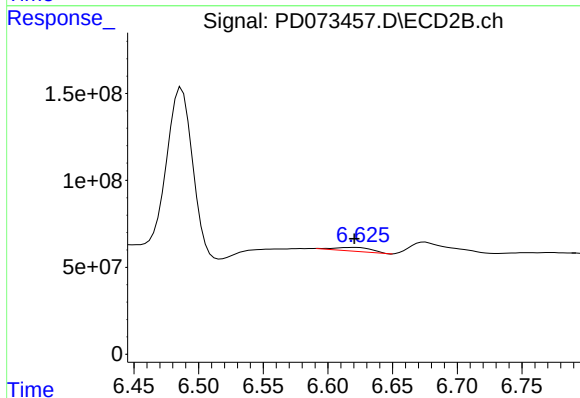
#16 4,4'-DDD

R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 296479
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

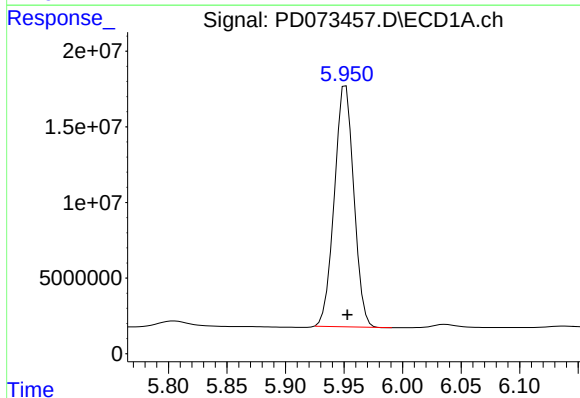
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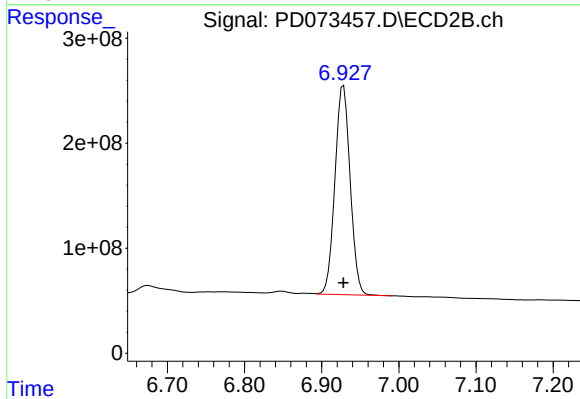
#16 4,4'-DDD

R.T.: 6.621 min
Delta R.T.: 0.000 min
Response: 42933419
Conc: 1.37 ng/ml



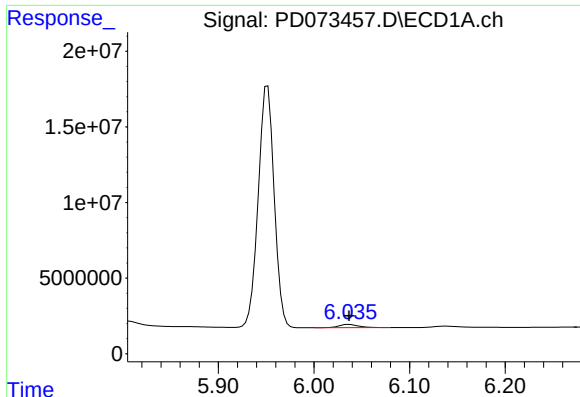
#17 4,4'-DDT

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 184110144
Conc: 83.11 ng/ml



#17 4,4'-DDT

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 2727343793
Conc: 90.25 ng/ml



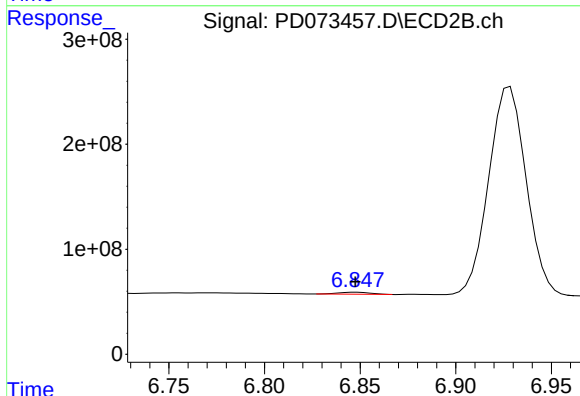
#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 2983867
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

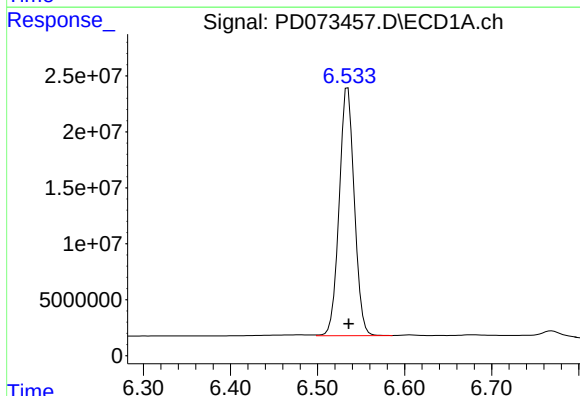
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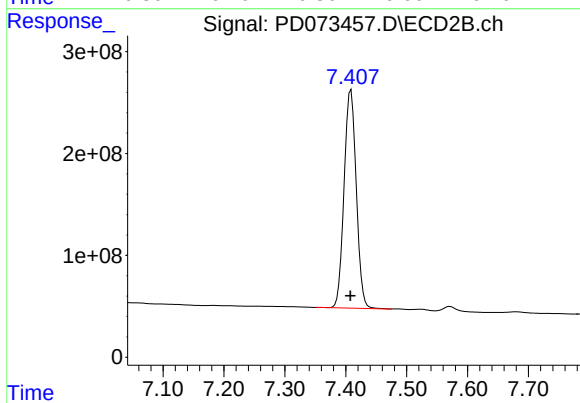
#18 Endrin aldehyde

R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 21918200
Conc: 0.93 ng/ml m



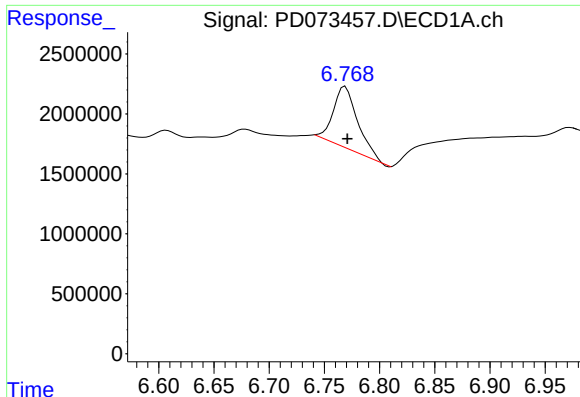
#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 267347274
Conc: 200.59 ng/ml



#20 Methoxychlor

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 2979739348
Conc: 220.14 ng/ml



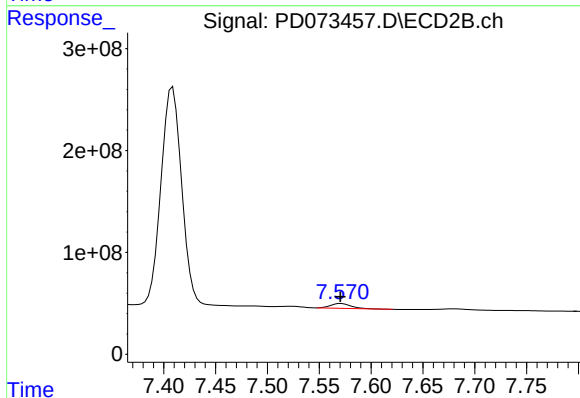
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.002 min
Response: 7907988
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

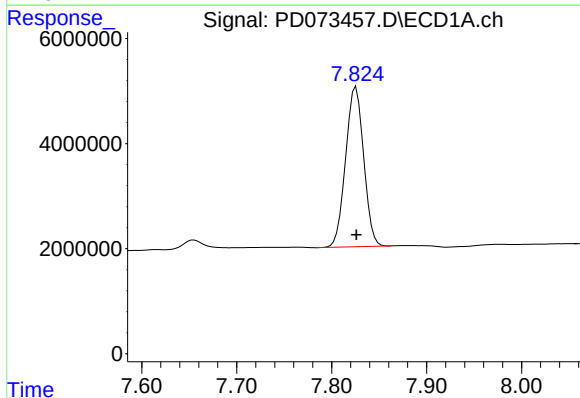
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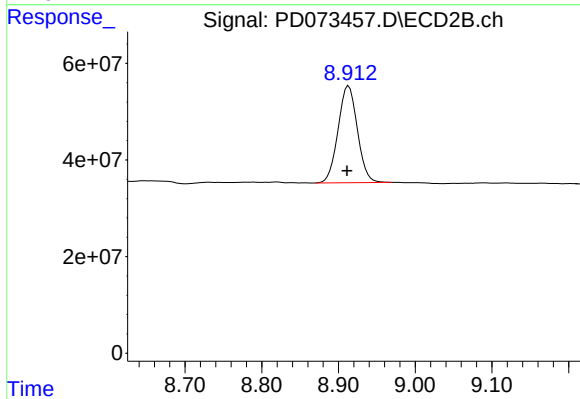
#21 Endrin ketone

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 63502504
Conc: 2.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 40201775
Conc: 16.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 351592428
Conc: 19.95 ng/ml