

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032824\
 Data File : PD082228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2024 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 04/01/2024
 Supervised By : Ankita Jodhani 04/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:32:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032224.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 16:01:04 2024
 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...	3.566	2.777	28025483	55497909	19.563	22.582
28)	SA Decachlor...	9.119	7.910	36332616	44436462	19.142	20.413
Target Compounds							
2)	A alpha-BHC	4.023	3.277	22025027	41818789	8.864	11.146 #
3)	MA gamma-BHC...	4.357	3.606	21497975	36950269	8.810	10.484
6)	B beta-BHC	4.553	3.902	9799682	17970658	9.663	12.155 #
14)	MA Endrin	6.615	5.635	69992903	120.2E6	39.227	49.541 #
16)	A 4,4'-DDD	6.747	5.781	1075421	1851096	0.701	0.885m#
17)	MA 4,4'-DDT	7.062	6.033	140.0E6	232.9E6	87.872	110.662 #
18)	B Endrin al...	6.964	6.108	1936405	4420178	1.399	2.409 #
20)	A Methoxychlor	7.538	6.608	174.9E6	264.0E6	196.988	231.098
21)	B Endrin ke...	7.686	6.835	4102010	7379175	2.269	2.779

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

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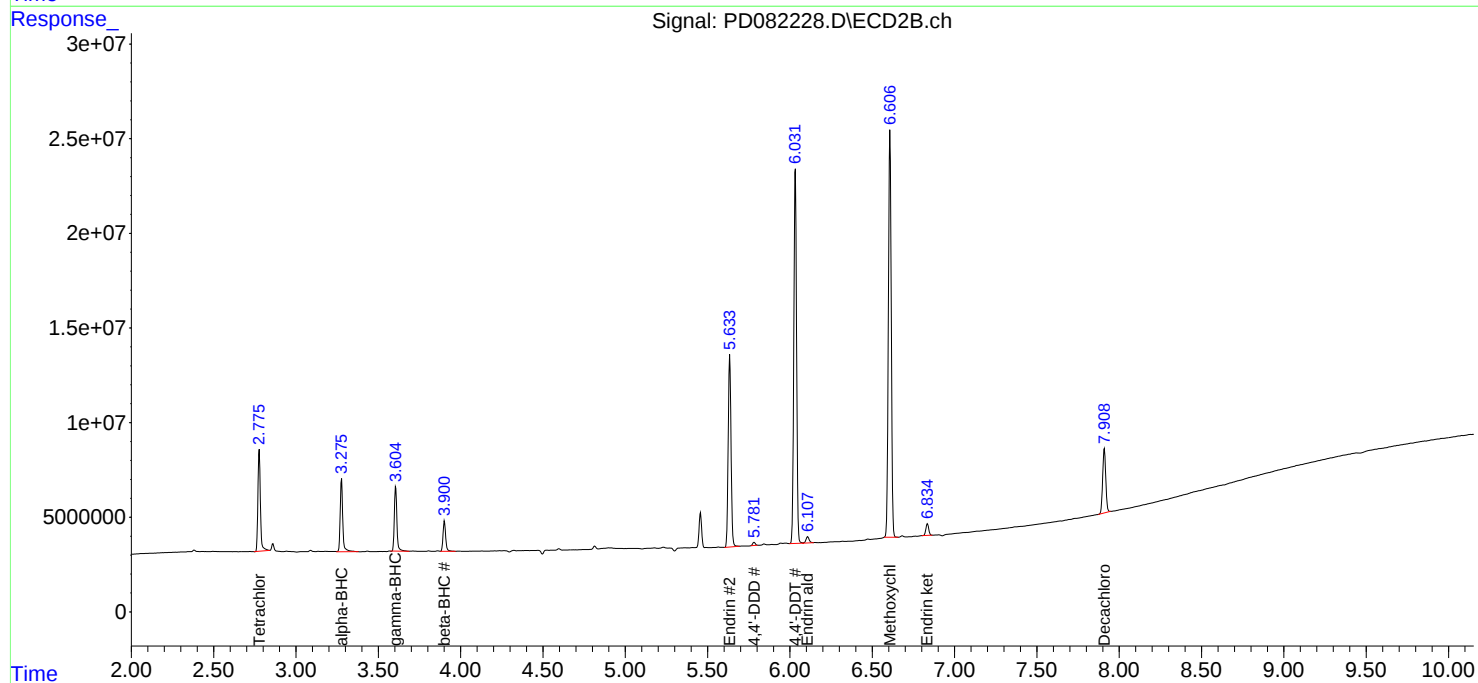
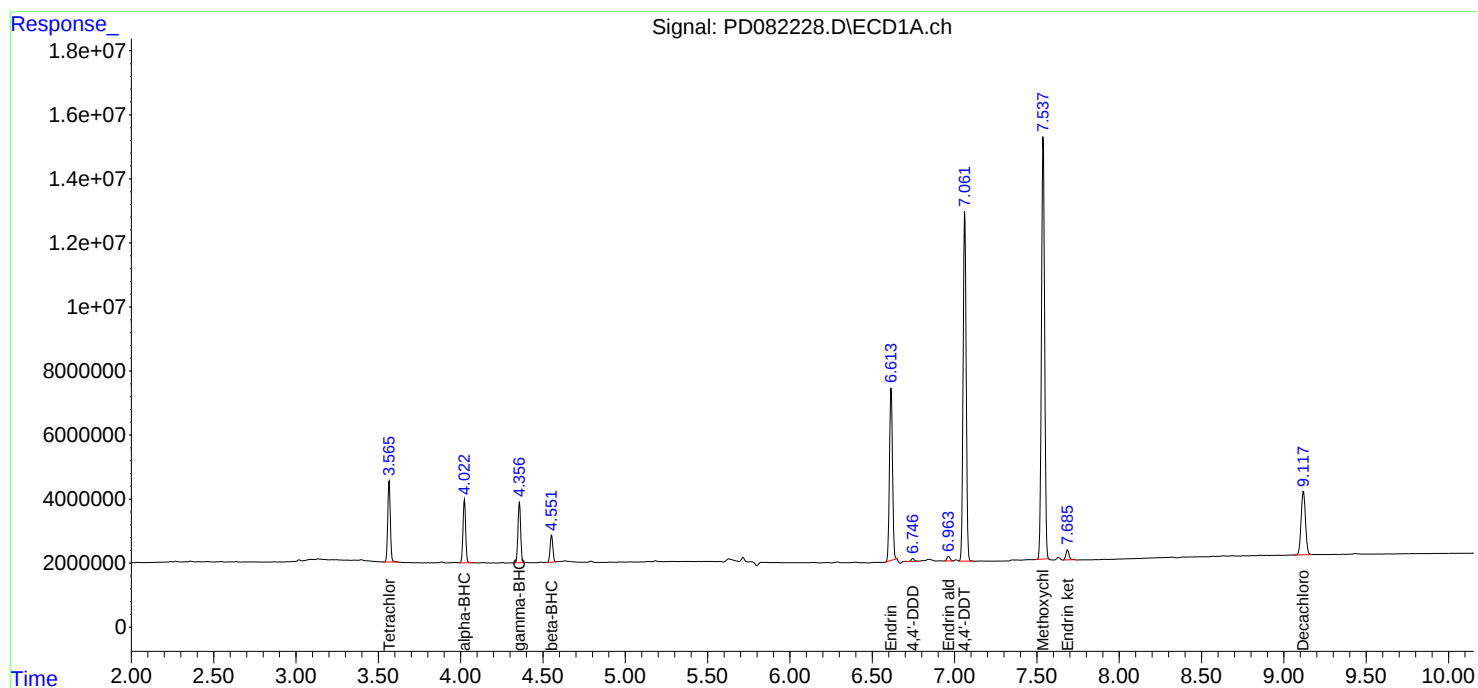
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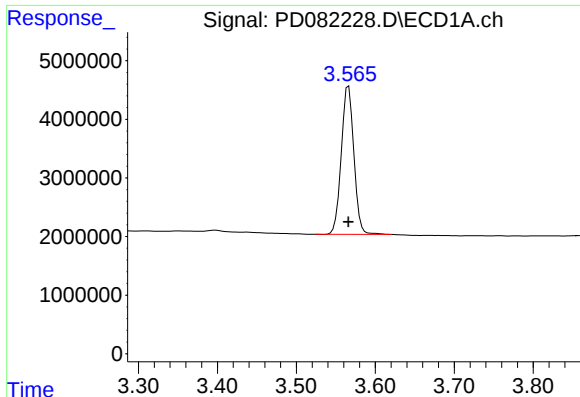
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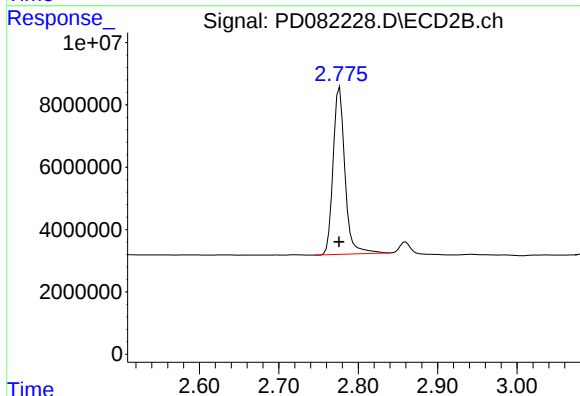
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 28025483
Conc: 19.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

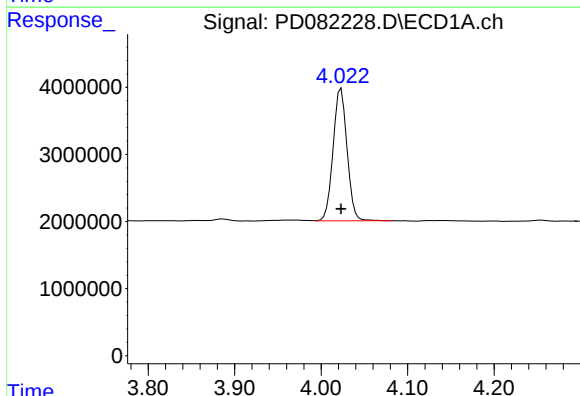
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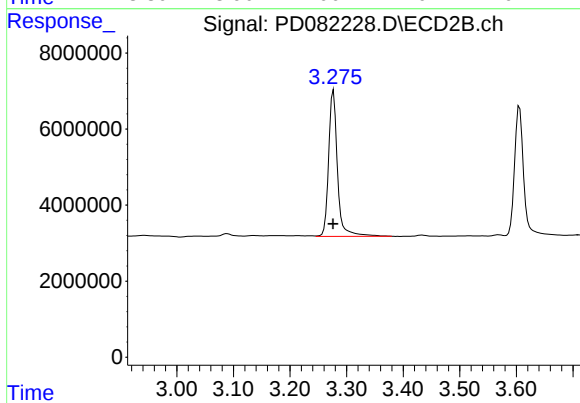
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 55497909
Conc: 22.58 ng/ml



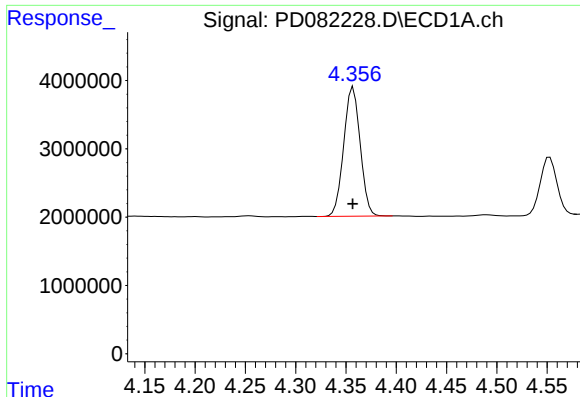
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 22025027
Conc: 8.86 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 41818789
Conc: 11.15 ng/ml



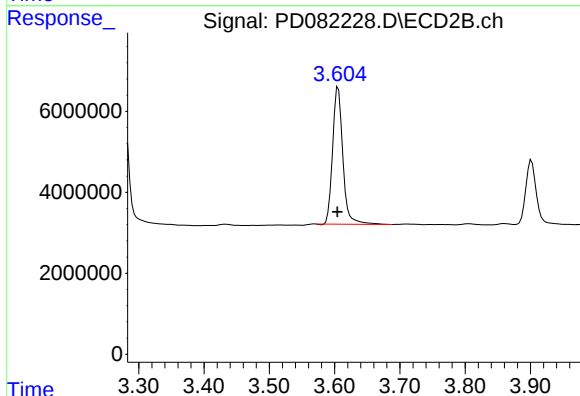
#3 gamma-BHC (Lindane)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 21497975
Conc: 8.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

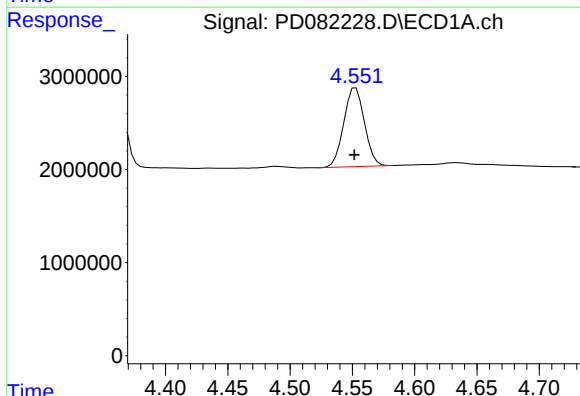
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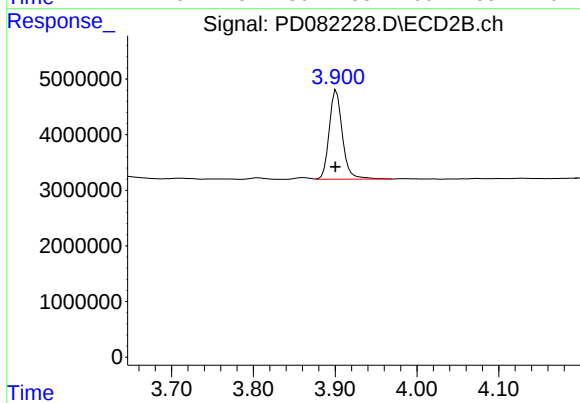
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 36950269
Conc: 10.48 ng/ml



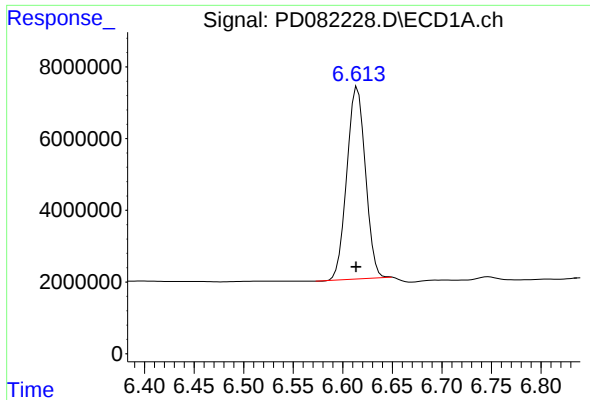
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 9799682
Conc: 9.66 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.001 min
Response: 17970658
Conc: 12.15 ng/ml



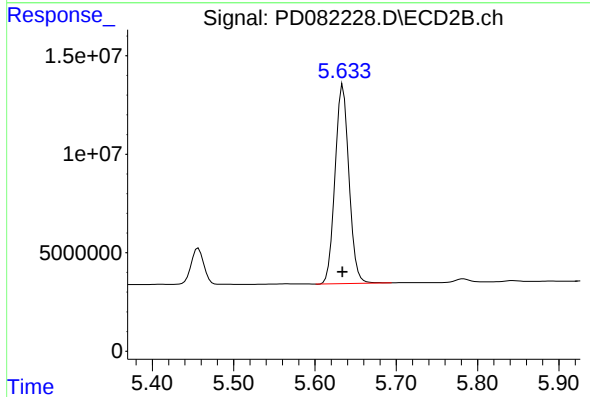
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 69992903
Conc: 39.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

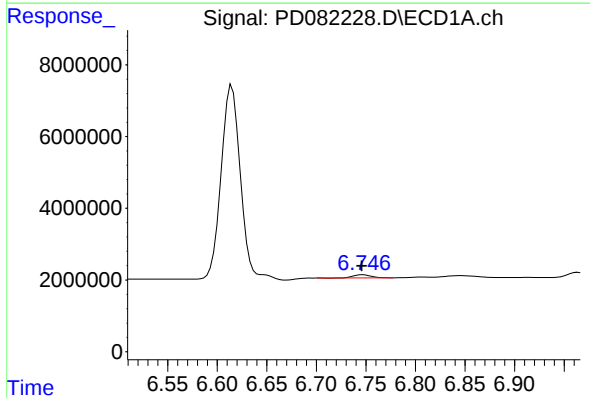
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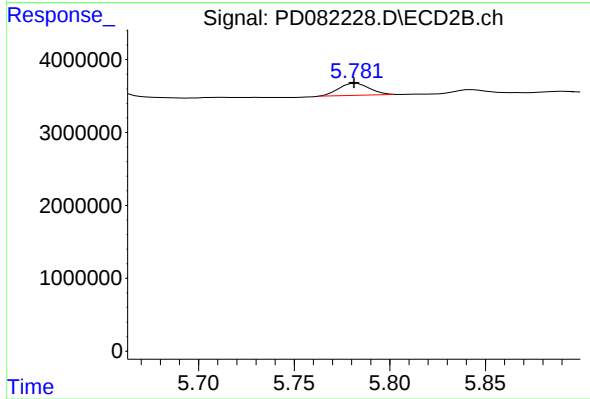
#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 120213860
Conc: 49.54 ng/ml



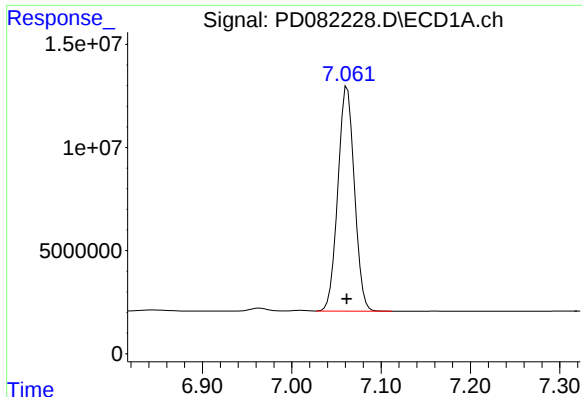
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.001 min
Response: 1075421
Conc: 0.70 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1851096
Conc: 0.89 ng/ml m



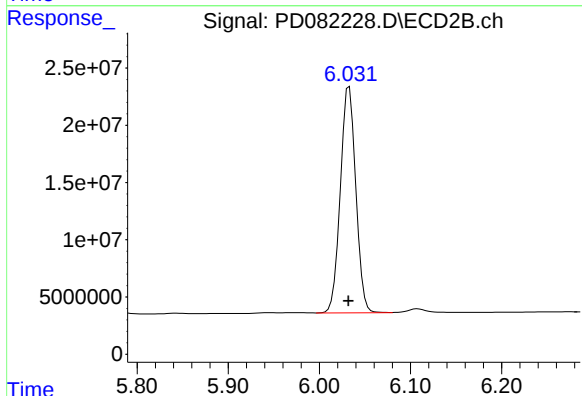
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 140026064
Conc: 87.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

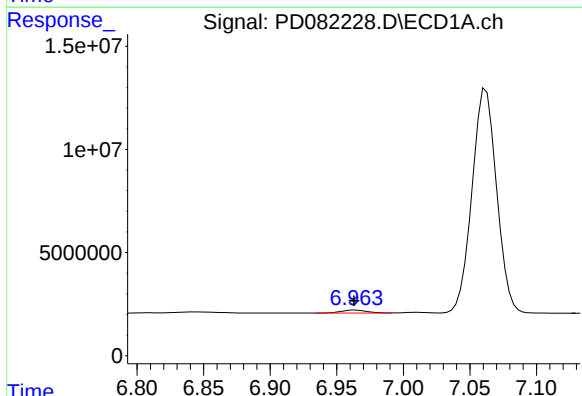
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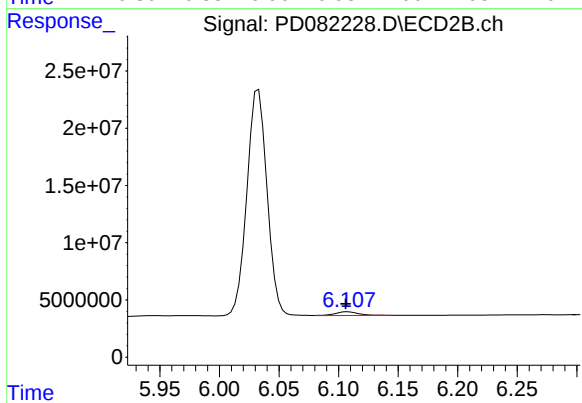
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 232859887
Conc: 110.66 ng/ml



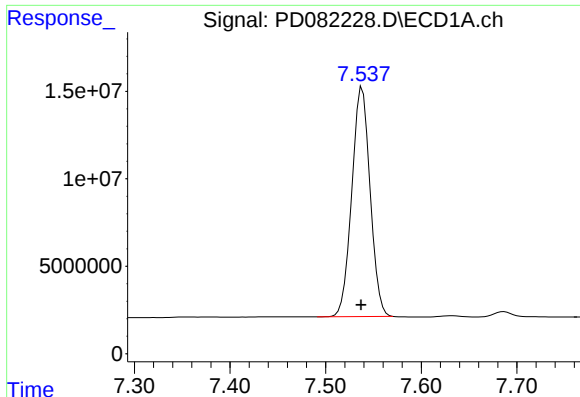
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 1936405
Conc: 1.40 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 4420178
Conc: 2.41 ng/ml



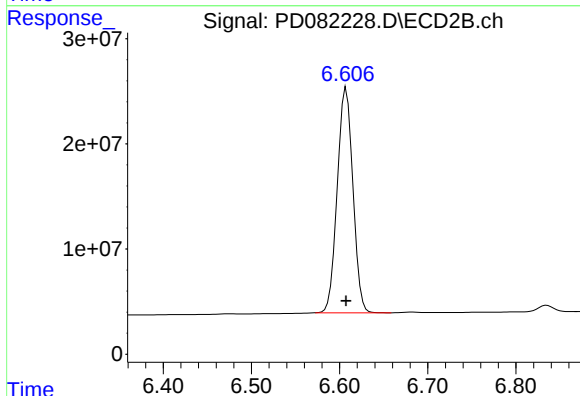
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: 0.002 min
Response: 174876178
Conc: 196.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

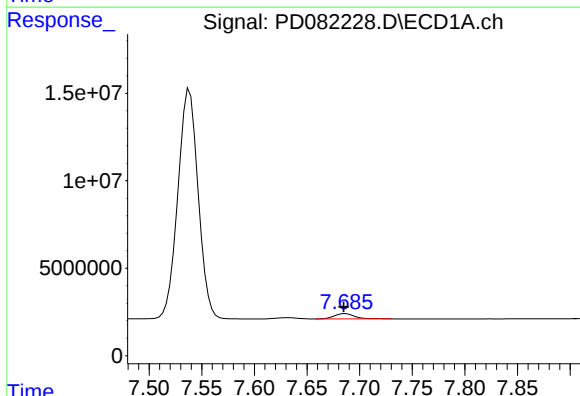
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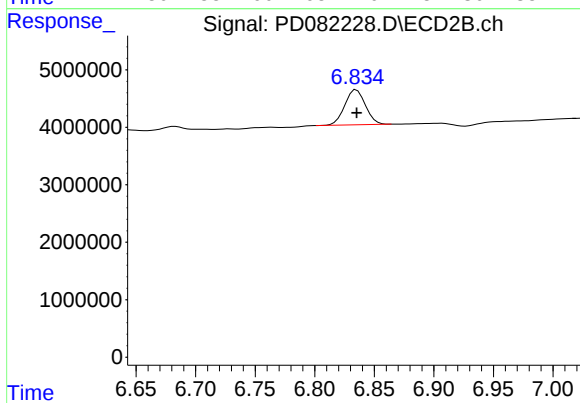
#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: 0.000 min
Response: 264021114
Conc: 231.10 ng/ml



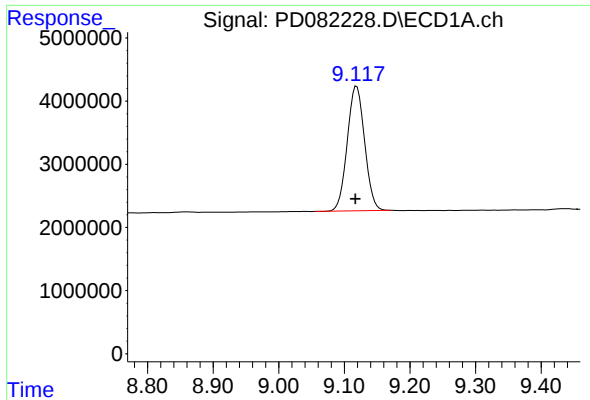
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.001 min
Response: 4102010
Conc: 2.27 ng/ml



#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 7379175
Conc: 2.78 ng/ml



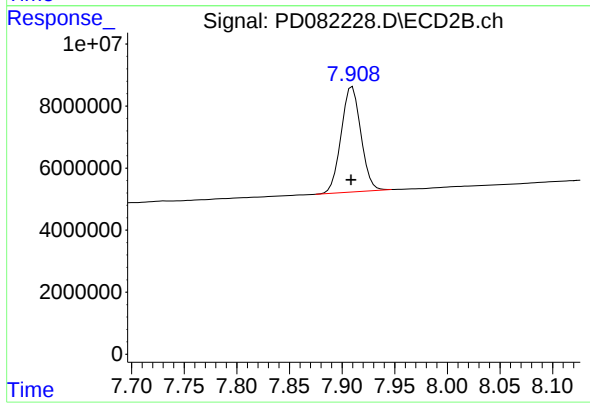
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.002 min
Response: 36332616
Conc: 19.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.001 min
Response: 44436462
Conc: 20.41 ng/ml