

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081522\
 Data File : PD071547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2022 17:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/16/2022
 Supervised By :Ankita Jodhani 08/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 05:39:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081522.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 16 05:36:08 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...	2.805	3.563	56302587	630.2E6	20.602	21.500
28)	SA Decachlor...	8.000	9.090	61557682	222.0E6	21.193	21.755
Target Compounds							
2)	A alpha-BHC	3.314	4.029	42379078	459.1E6	9.978	11.646
3)	MA gamma-BHC...	3.648	4.365	38668420	386.8E6	10.023	12.056
6)	B beta-BHC	3.947	4.571	18640256	155.0E6	11.744	12.582
12)	B 4,4'-DDE	5.296	6.223	1354487	7195987	0.391m	0.462m
14)	MA Endrin	5.705	6.614	168.8E6	682.7E6	48.981	47.630
16)	A 4,4'-DDD	5.856	6.746	3151879	13328247	1.149	1.083m
17)	MA 4,4'-DDT	6.106	7.057	330.2E6	1262.9E6	113.686	98.788
18)	B Endrin al...	6.180	6.971	6192254	20886846	2.402m	1.913
20)	A Methoxychlor	6.686	7.534	396.3E6	1441.3E6	251.208	227.601
21)	B Endrin ke...	6.914	7.695	10360610	34225987	2.889	2.553

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

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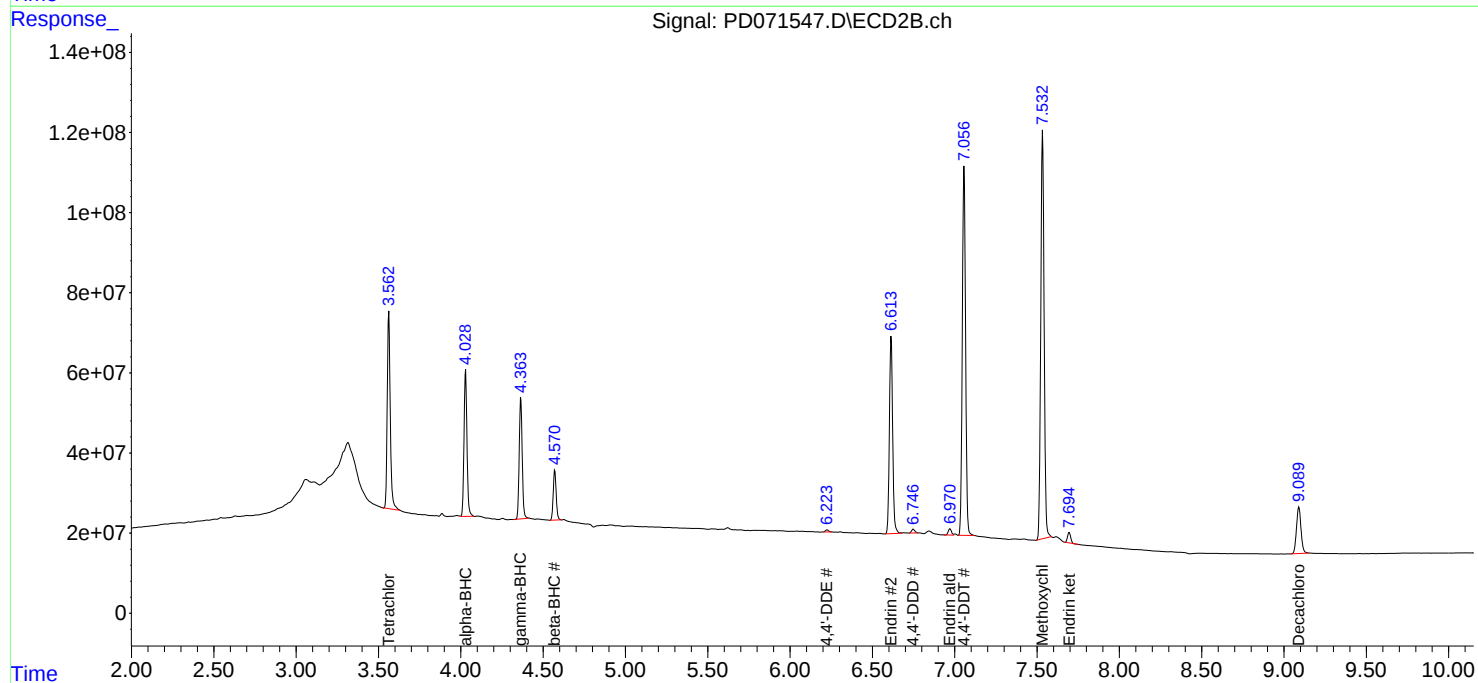
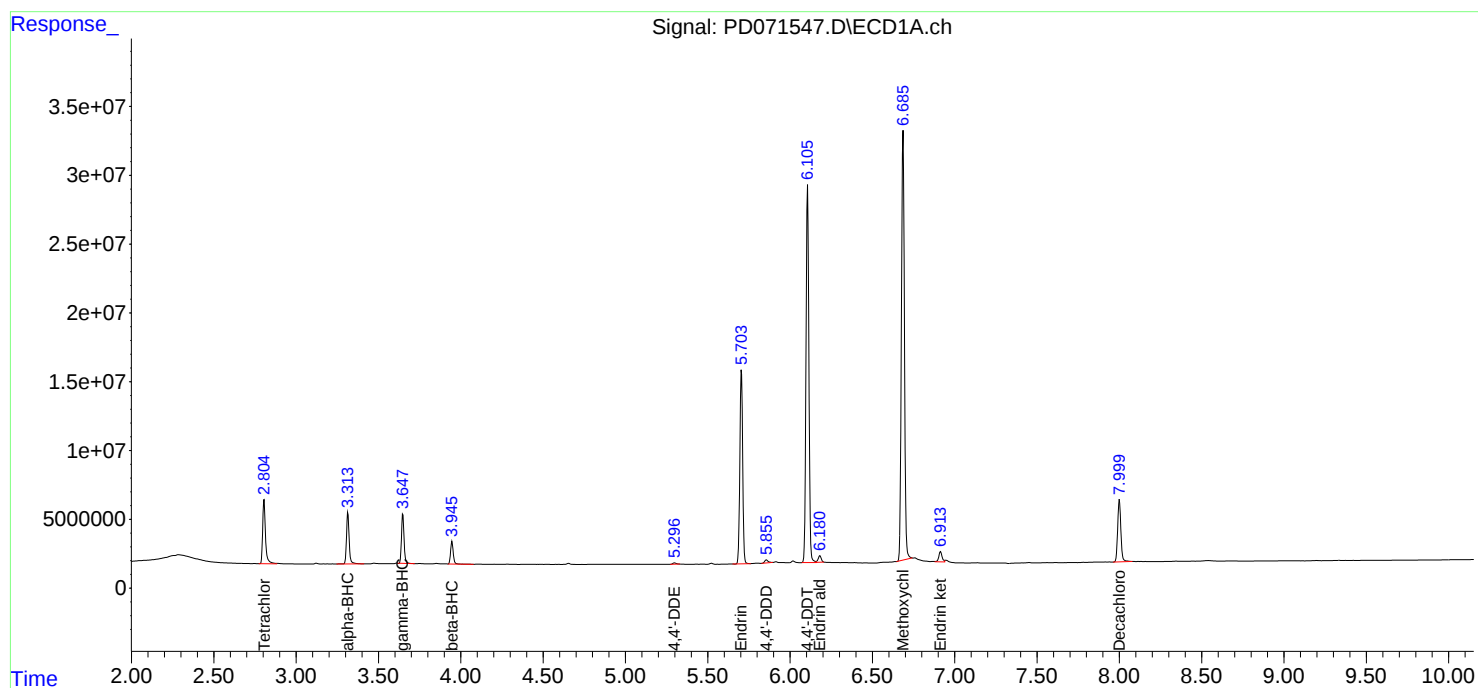
Instrument :
ECD_D
ClientSampleId :
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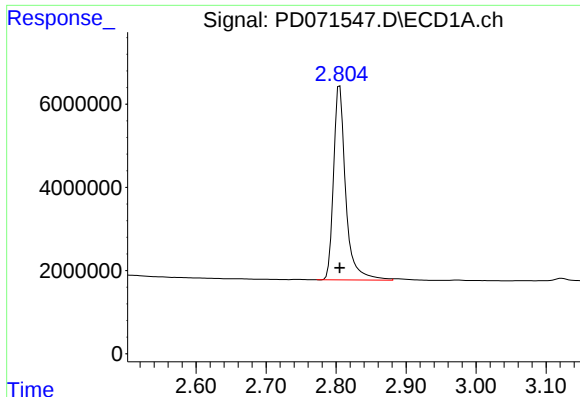
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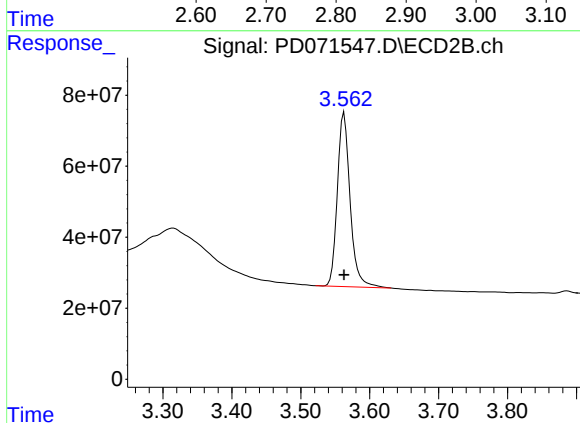
#1 Tetrachloro-m-xylene

R.T.: 2.805 min
Delta R.T.: 0.000 min
Response: 56302587
Conc: 20.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

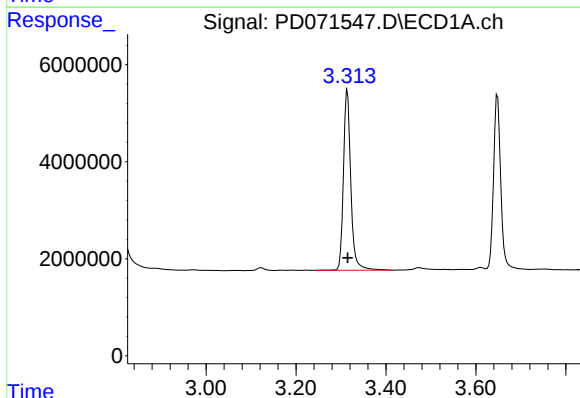
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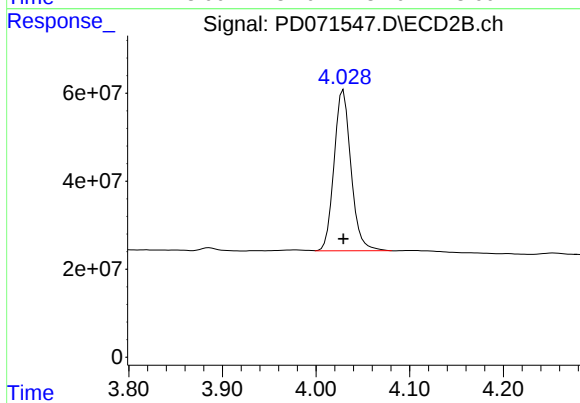
#1 Tetrachloro-m-xylene

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 630182867
Conc: 21.50 ng/ml



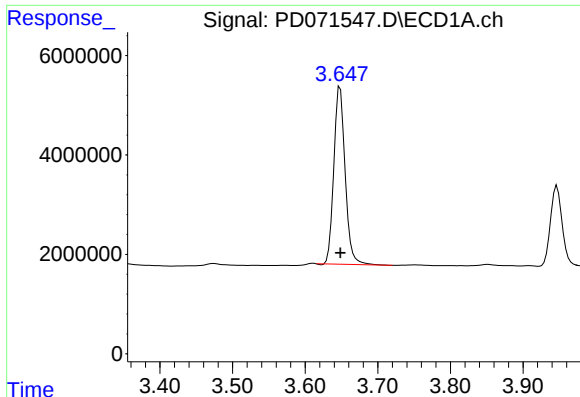
#2 alpha-BHC

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 42379078
Conc: 9.98 ng/ml



#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 459124911
Conc: 11.65 ng/ml



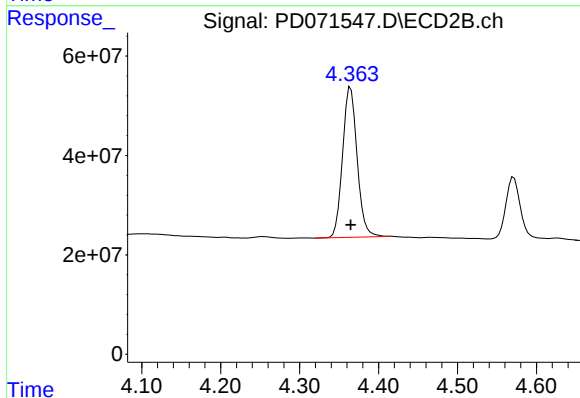
#3 gamma-BHC (Lindane)

R.T.: 3.648 min
Delta R.T.: 0.000 min
Response: 38668420
Conc: 10.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

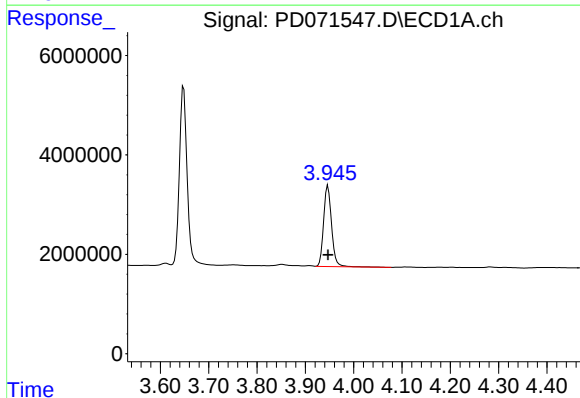
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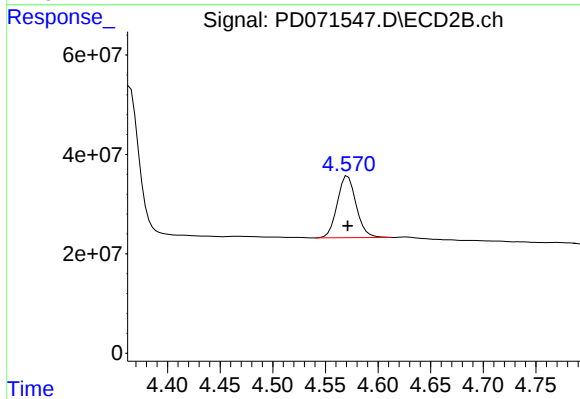
#3 gamma-BHC (Lindane)

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 386759805
Conc: 12.06 ng/ml



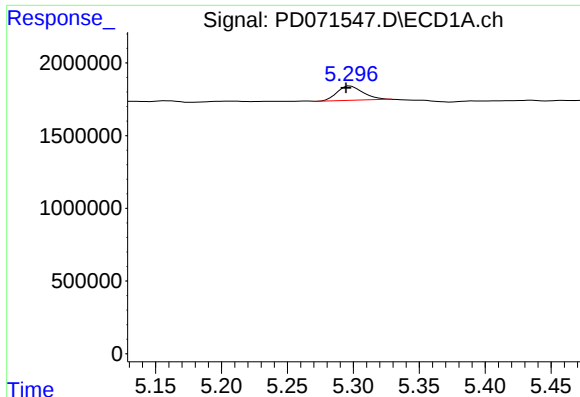
#6 beta-BHC

R.T.: 3.947 min
Delta R.T.: 0.000 min
Response: 18640256
Conc: 11.74 ng/ml



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 154967748
Conc: 12.58 ng/ml



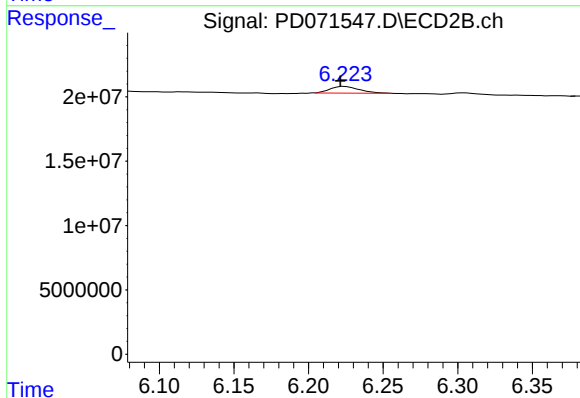
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.002 min
Response: 1354487
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

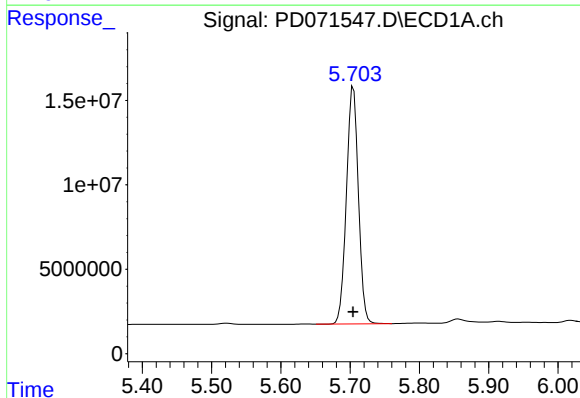
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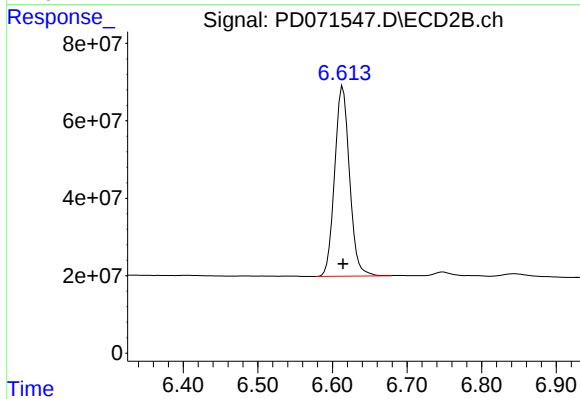
#12 4,4'-DDE

R.T.: 6.223 min
Delta R.T.: 0.002 min
Response: 7195987
Conc: 0.46 ng/ml m



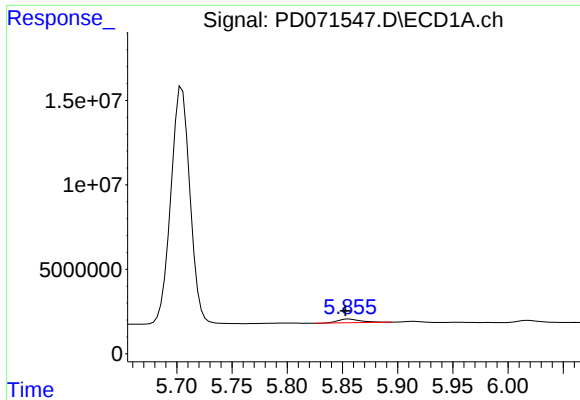
#14 Endrin

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 168821554
Conc: 48.98 ng/ml



#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 682715857
Conc: 47.63 ng/ml



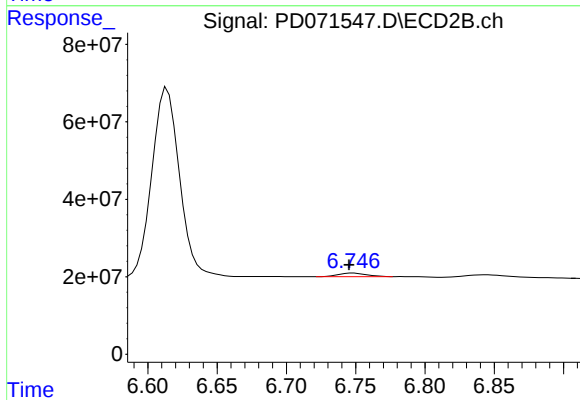
#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.003 min
Response: 3151879
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

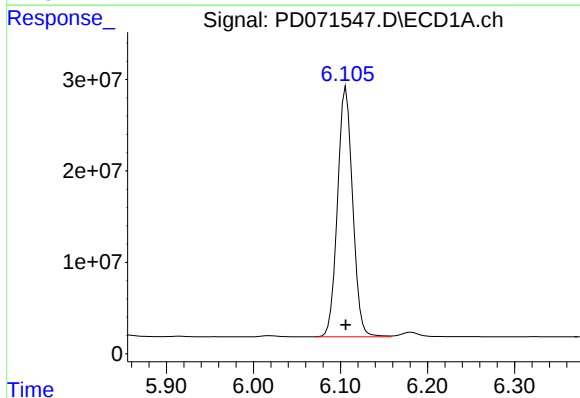
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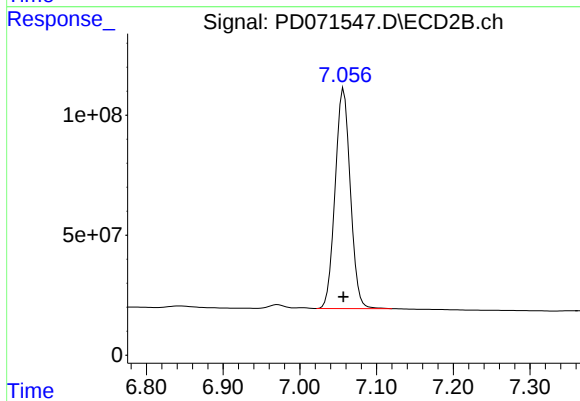
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 13328247
Conc: 1.08 ng/ml m



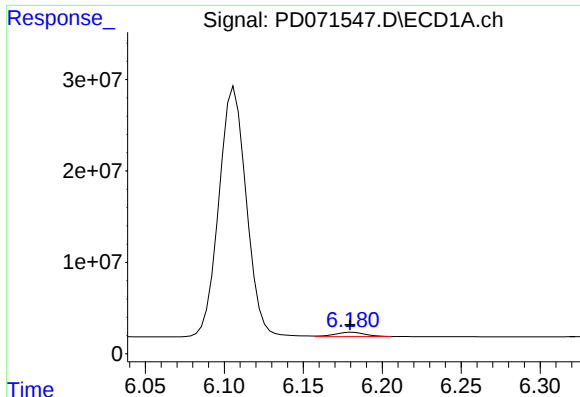
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 330228037
Conc: 113.69 ng/ml



#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1262890769
Conc: 98.79 ng/ml



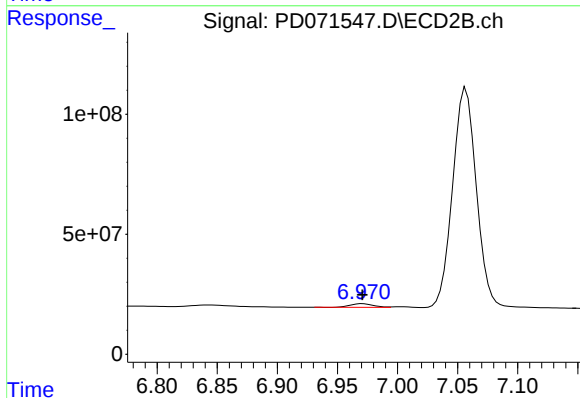
#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 6192254
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

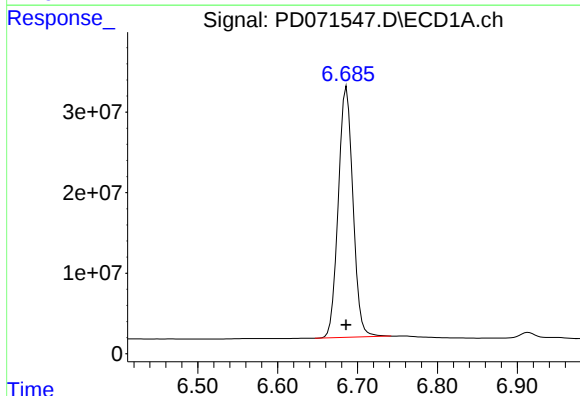
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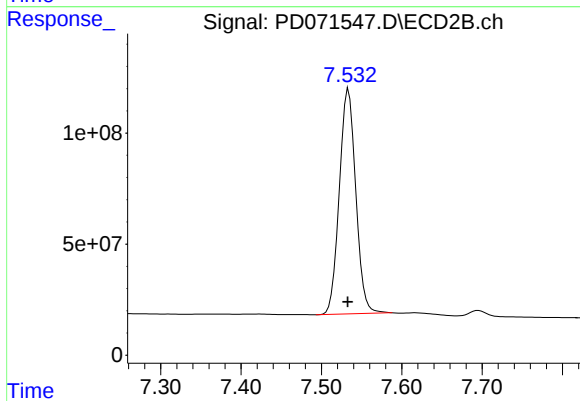
#18 Endrin aldehyde

R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 20886846
Conc: 1.91 ng/ml



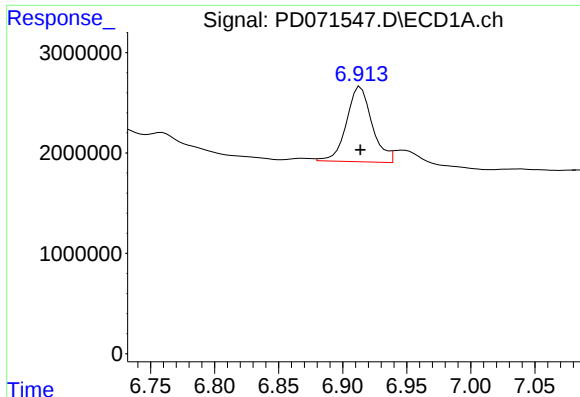
#20 Methoxychlor

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 396328979
Conc: 251.21 ng/ml



#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 1441337853
Conc: 227.60 ng/ml



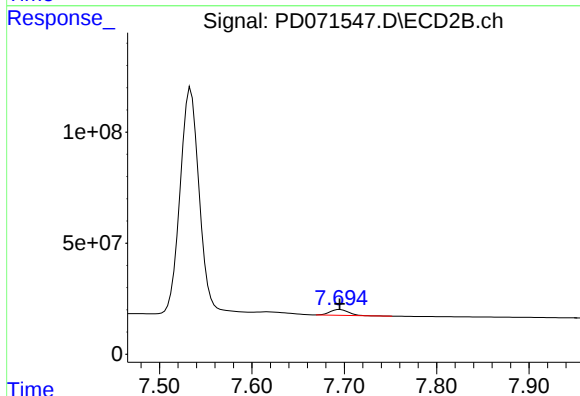
#21 Endrin ketone

R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 10360610
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

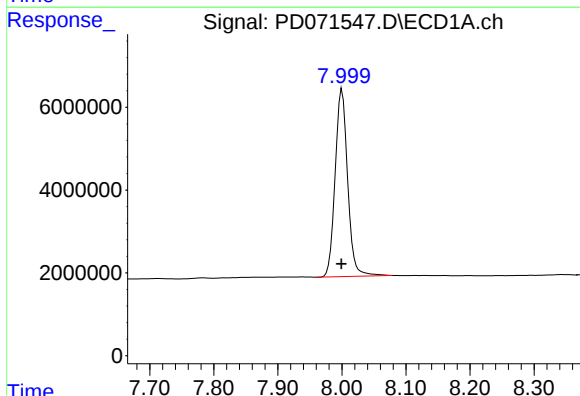
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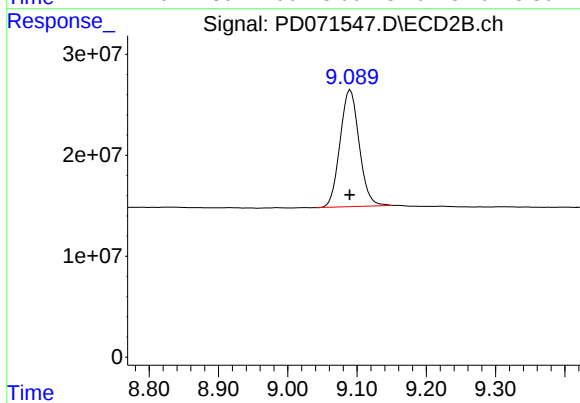
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 34225987
Conc: 2.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.000 min
Delta R.T.: 0.001 min
Response: 61557682
Conc: 21.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: 0.001 min
Response: 221982909
Conc: 21.75 ng/ml