

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 09:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/17/2024
 Supervised By : Ankita Jodhani 10/17/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 10:08:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 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 x 0.5 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...	3.442	2.876	25597104	141.1E6	21.084	22.597
28)	SA Decachlor...	8.898	8.058	42223573	123.7E6	19.553	23.217
Target Compounds							
2)	A alpha-BHC	3.885	3.385	20867353	108.4E6	9.638	11.864
3)	MA gamma-BHC...	4.213	3.720	21286827	97476471	9.586	11.365
6)	B beta-BHC	4.400	4.014	10070092	46862141	11.311	12.699
12)	B 4,4'-DDE	6.073	5.363	459786	2617132	0.265m	0.385 #
14)	MA Endrin	6.444	5.776	82940651	310.3E6	48.697	49.880
16)	A 4,4'-DDD	6.579	5.916	2309297	10933873	1.688	2.108
17)	MA 4,4'-DDT	6.895	6.170	163.3E6	575.3E6	109.789	108.960
18)	B Endrin al...	6.786	6.246	2462706	18341188	1.629	3.498 #
20)	A Methoxychlor	7.368	6.740	226.0E6	609.8E6	250.771	228.091
21)	B Endrin ke...	7.497	6.980	4191525	24040270	2.179	3.476 #

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

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Data File : PD086072.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 09:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

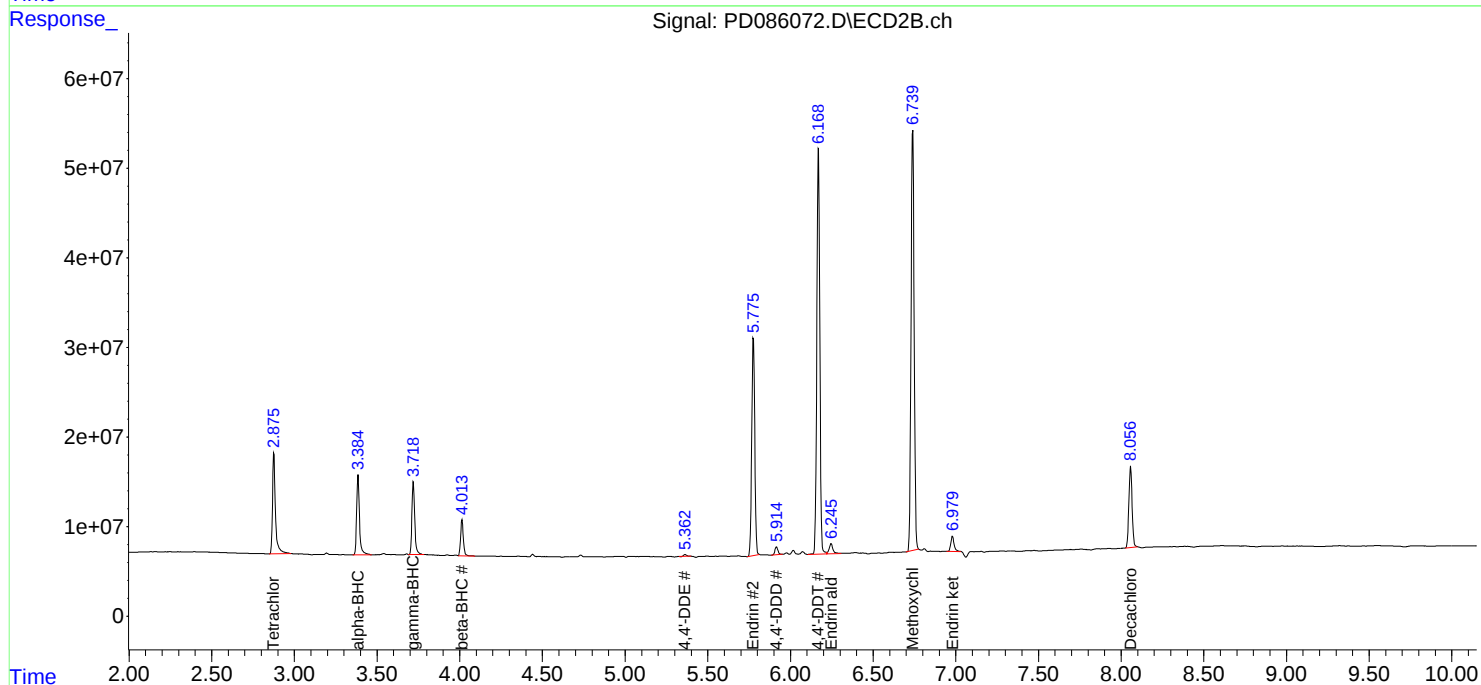
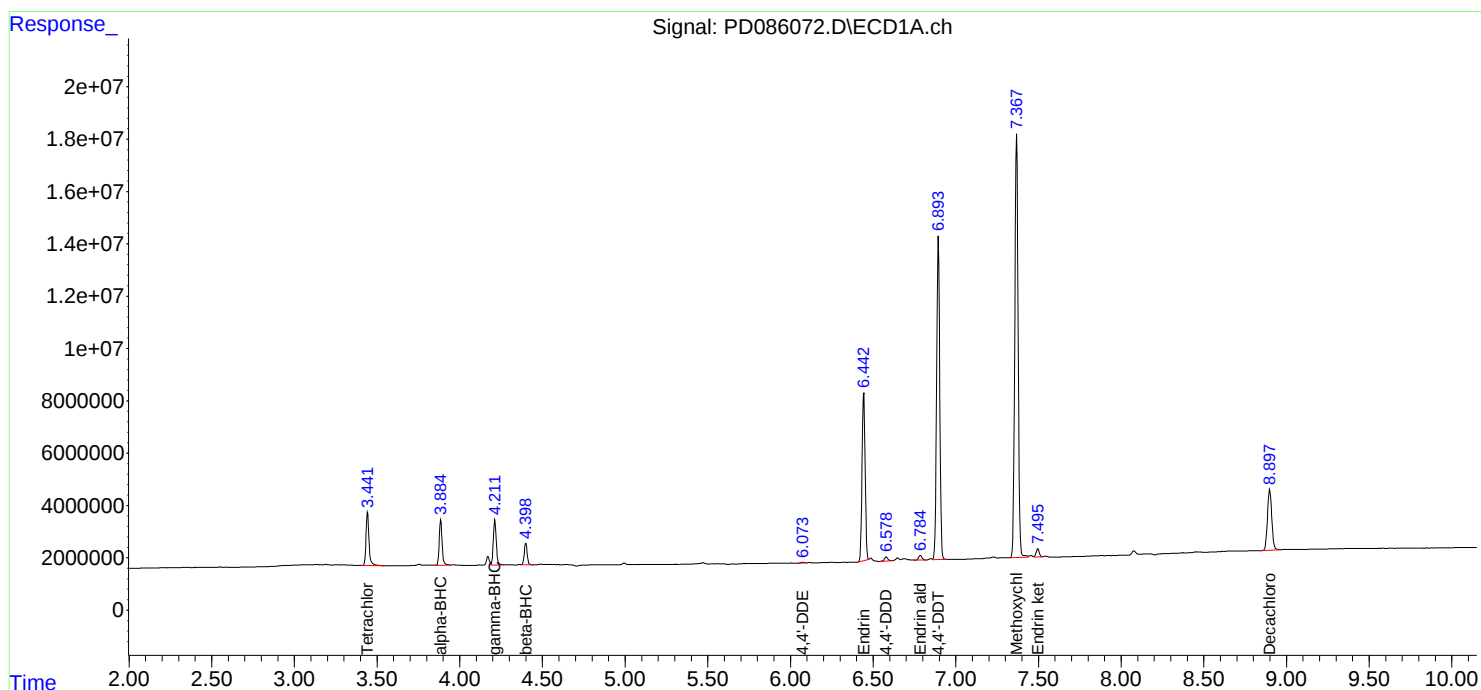
Instrument :
ECD_D
ClientSampleId :
PEM

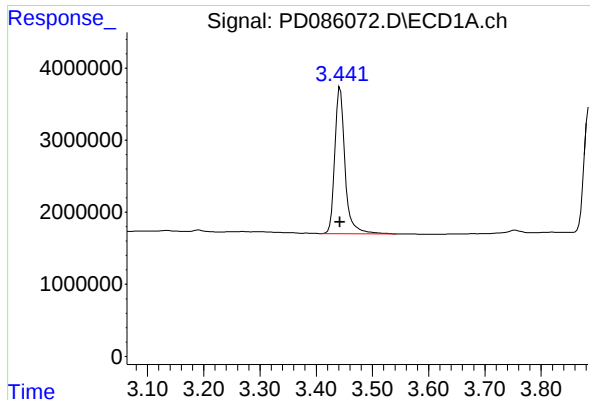
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 10:08:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
Response 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





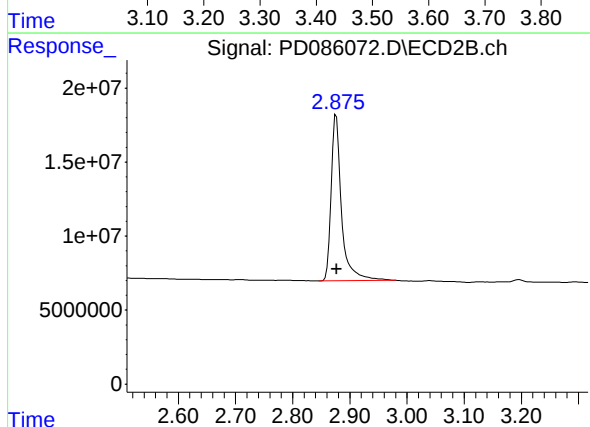
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 25597104
Conc: 21.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

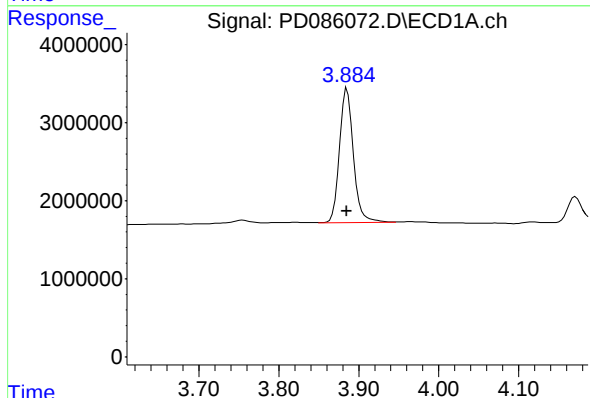
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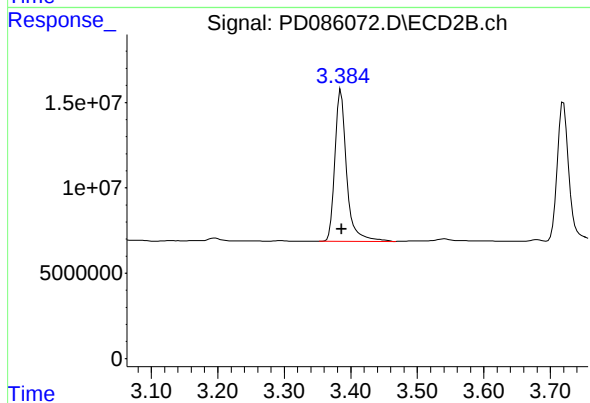
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 141073058
Conc: 22.60 ng/ml



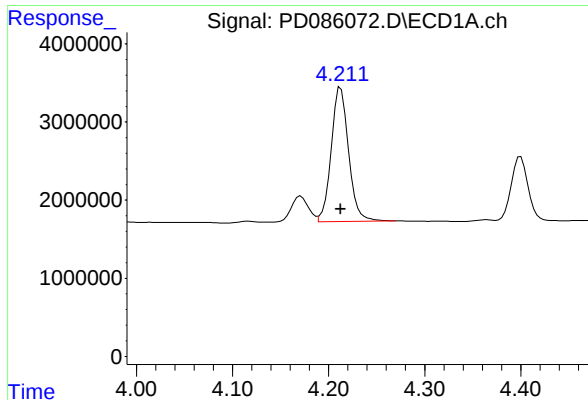
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 20867353
Conc: 9.64 ng/ml



#2 alpha-BHC

R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 108406604
Conc: 11.86 ng/ml



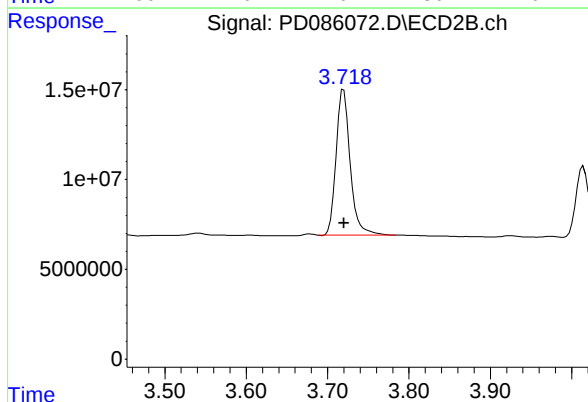
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 21286827
Conc: 9.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

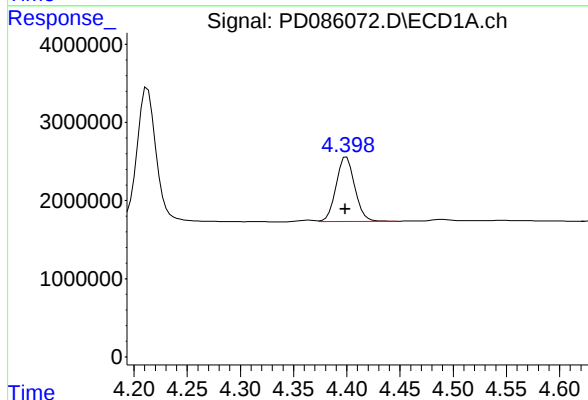
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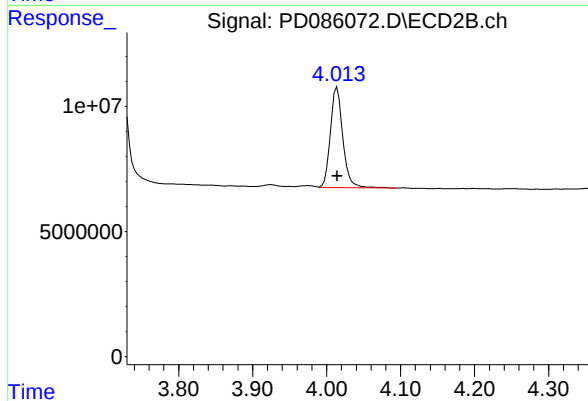
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 97476471
Conc: 11.37 ng/ml



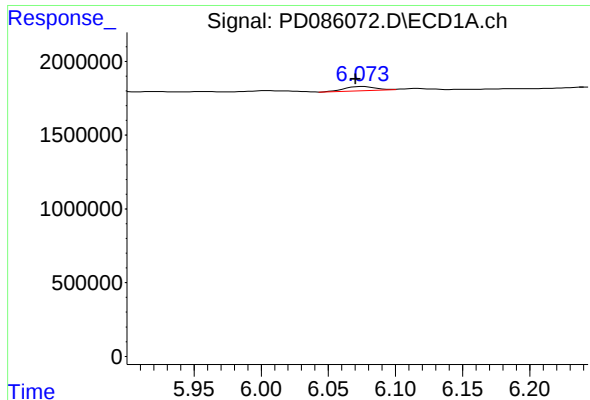
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: 0.001 min
Response: 10070092
Conc: 11.31 ng/ml



#6 beta-BHC

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 46862141
Conc: 12.70 ng/ml



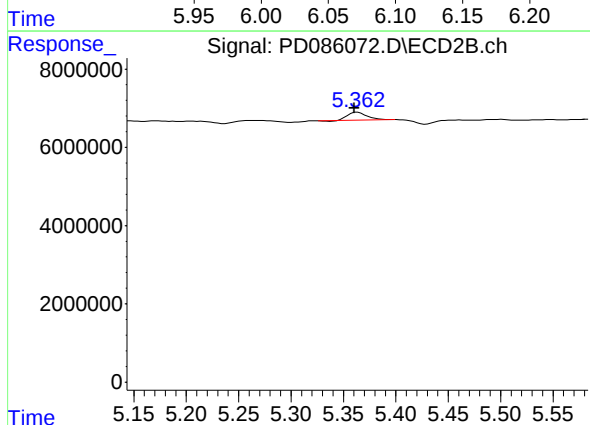
#12 4,4'-DDE

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 459786
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

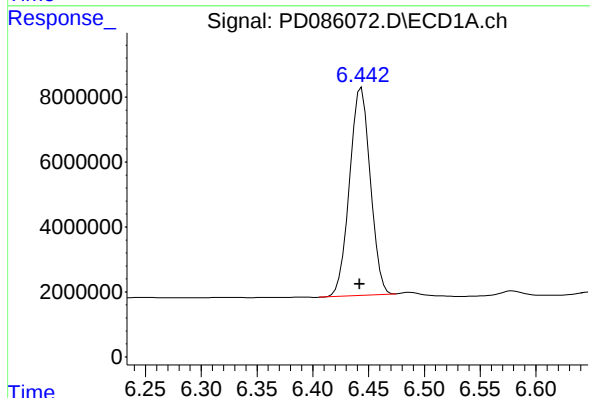
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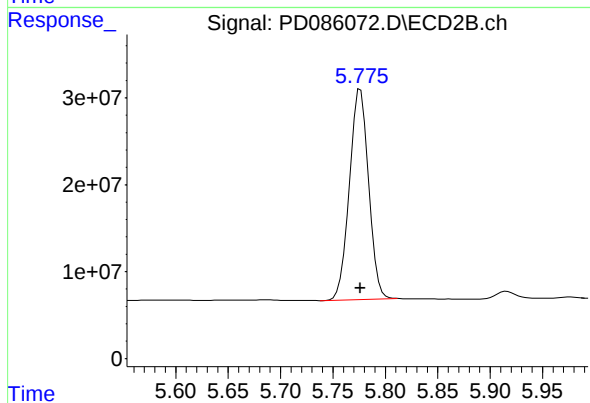
#12 4,4'-DDE

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 2617132
Conc: 0.39 ng/ml



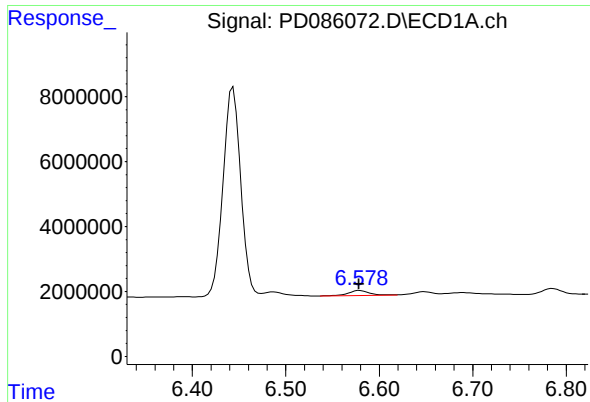
#14 Endrin

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 82940651
Conc: 48.70 ng/ml



#14 Endrin

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 310285119
Conc: 49.88 ng/ml



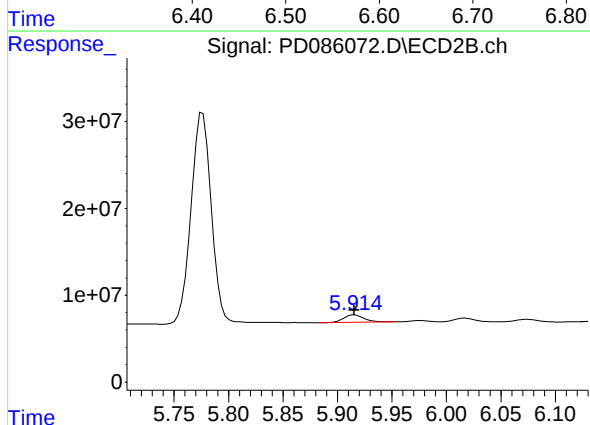
#16 4,4'-DDD

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 2309297
Conc: 1.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

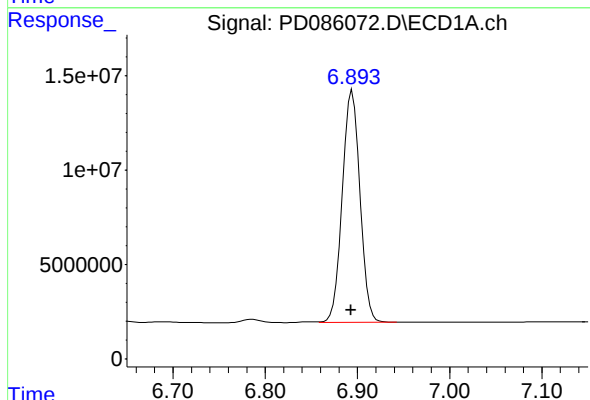
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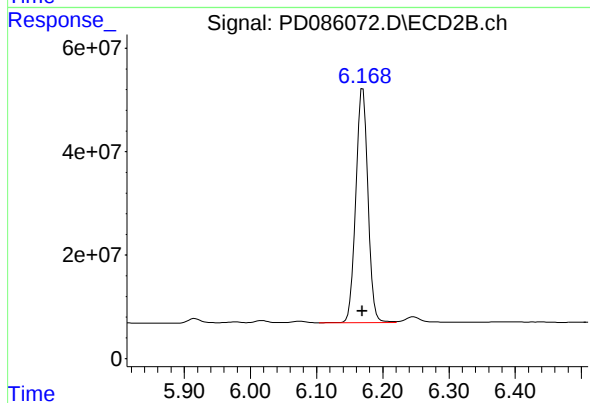
#16 4,4'-DDD

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 10933873
Conc: 2.11 ng/ml



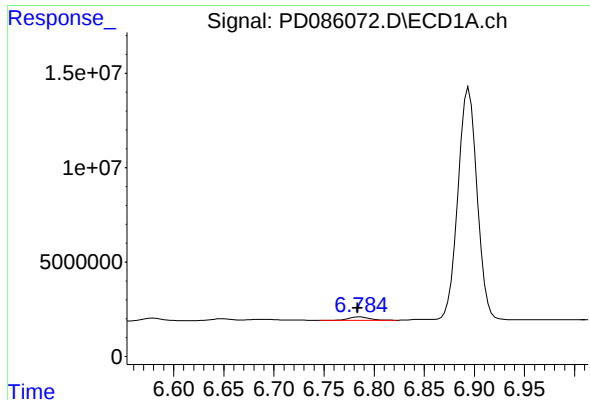
#17 4,4'-DDT

R.T.: 6.895 min
Delta R.T.: 0.001 min
Response: 163325181
Conc: 109.79 ng/ml



#17 4,4'-DDT

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 575305791
Conc: 108.96 ng/ml



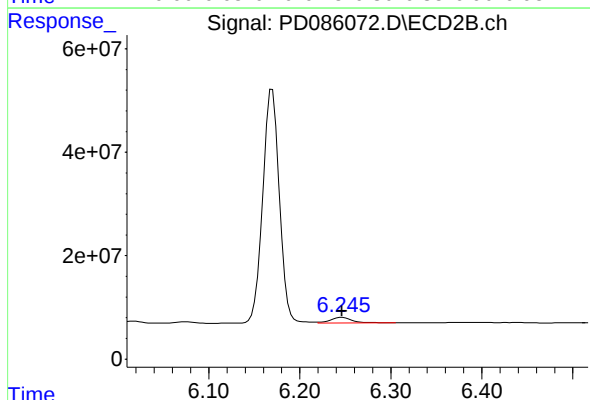
#18 Endrin aldehyde

R.T.: 6.786 min
Delta R.T.: 0.002 min
Response: 2462706
Conc: 1.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

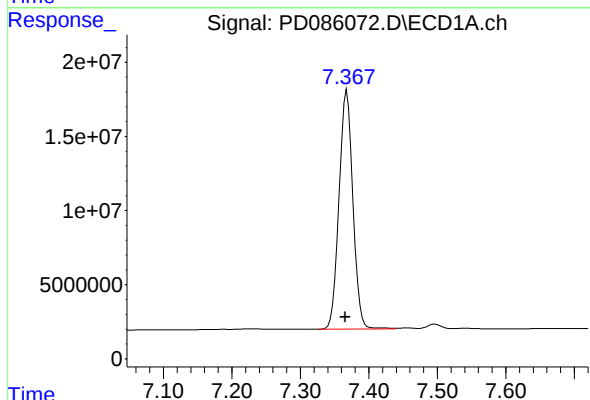
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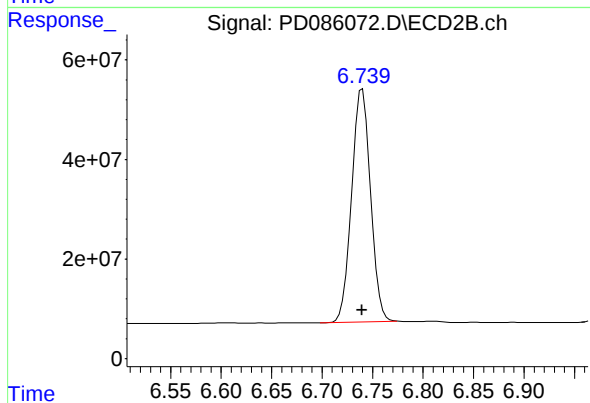
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: 0.000 min
Response: 18341188
Conc: 3.50 ng/ml



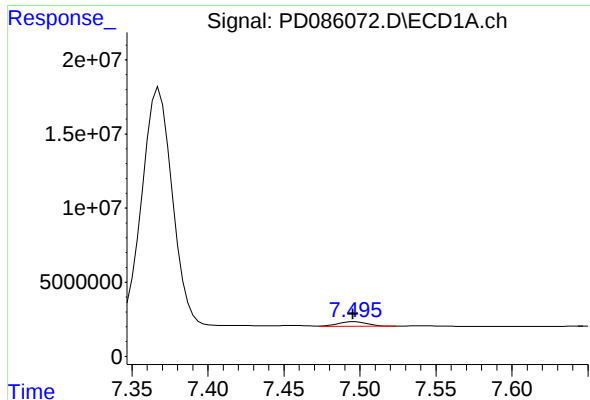
#20 Methoxychlor

R.T.: 7.368 min
Delta R.T.: 0.002 min
Response: 225962922
Conc: 250.77 ng/ml



#20 Methoxychlor

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 609778080
Conc: 228.09 ng/ml



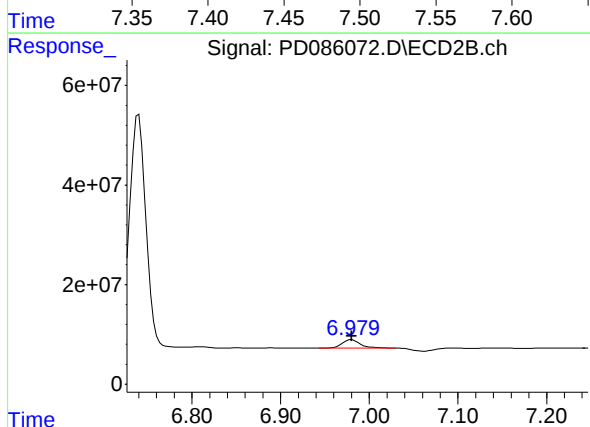
#21 Endrin ketone

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 4191525
Conc: 2.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

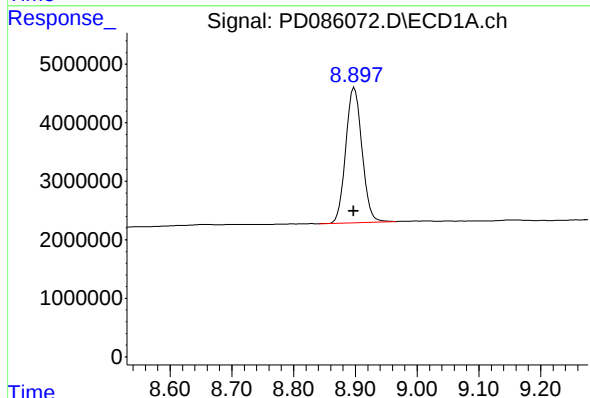
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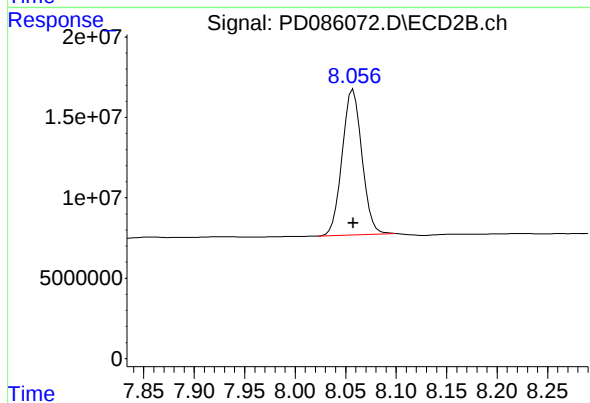
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 24040270
Conc: 3.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.898 min
Delta R.T.: 0.001 min
Response: 42223573
Conc: 19.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 123665330
Conc: 23.22 ng/ml