

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081023\
 Data File : PD077056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 08:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:19:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 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...	3.544	2.762	41104531	23491004	17.369	17.246
28)	SA Decachlor...	9.088	7.904	53615625	25830815	19.566	18.050
Target Compounds							
2)	A alpha-BHC	4.000	3.264	32187126	16362586	8.383	8.459
3)	MA gamma-BHC...	4.334	3.594	30882066	15063776	8.390	8.097
6)	B beta-BHC	4.531	3.891	14633847	7498178	9.725	9.828
12)	B 4,4'-DDE	6.205	5.220	523415	428263	0.176	0.295m#
14)	MA Endrin	6.590	5.627	112.7E6	59097595	40.545	40.389
16)	A 4,4'-DDD	6.723	5.776	1774838	1006797	0.754	0.905
17)	MA 4,4'-DDT	7.039	6.025	232.2E6	114.6E6	95.486	103.073
18)	B Endrin al...	6.939	6.101	3332958	2787655	1.526	2.449 #
20)	A Methoxychlor	7.515	6.600	308.7E6	131.0E6	217.896	219.166
21)	B Endrin ke...	7.661	6.829	6700103	3918703	2.225	2.472

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

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Acq On : 10 Aug 2023 08:51
Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

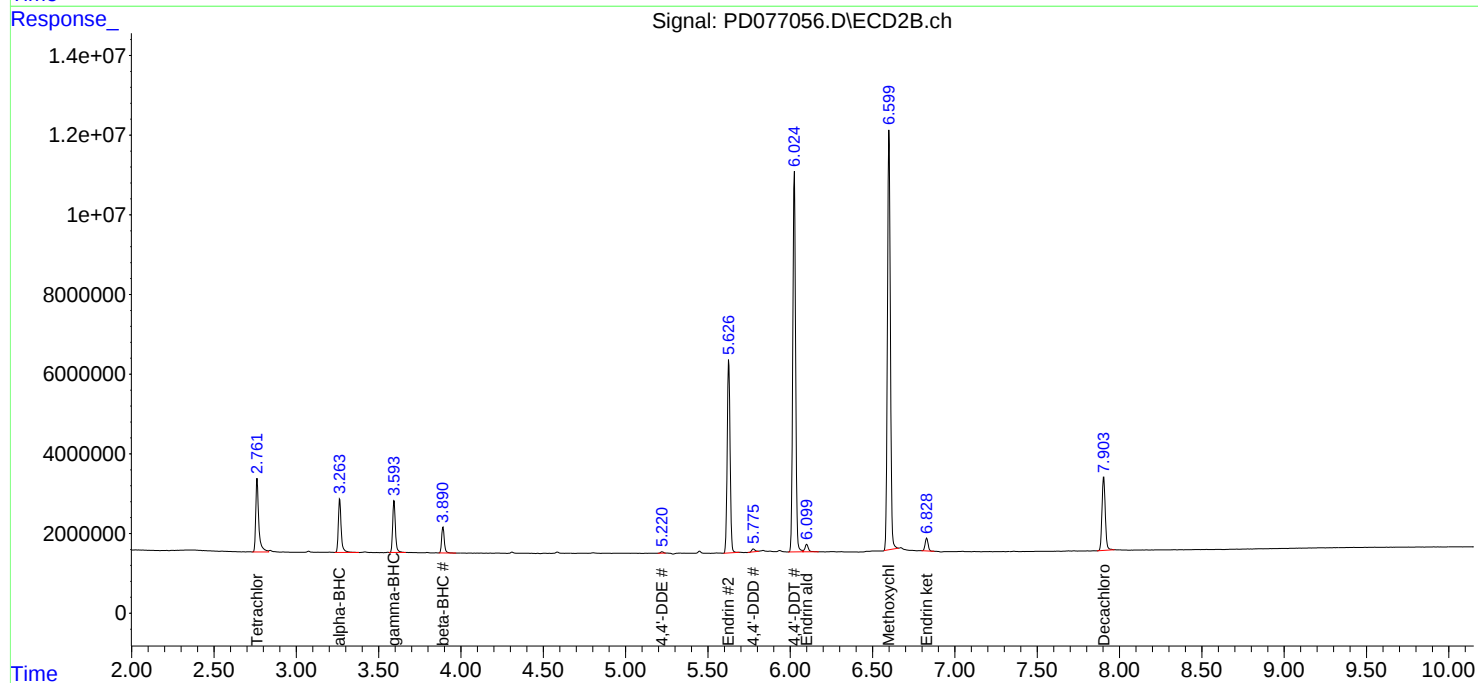
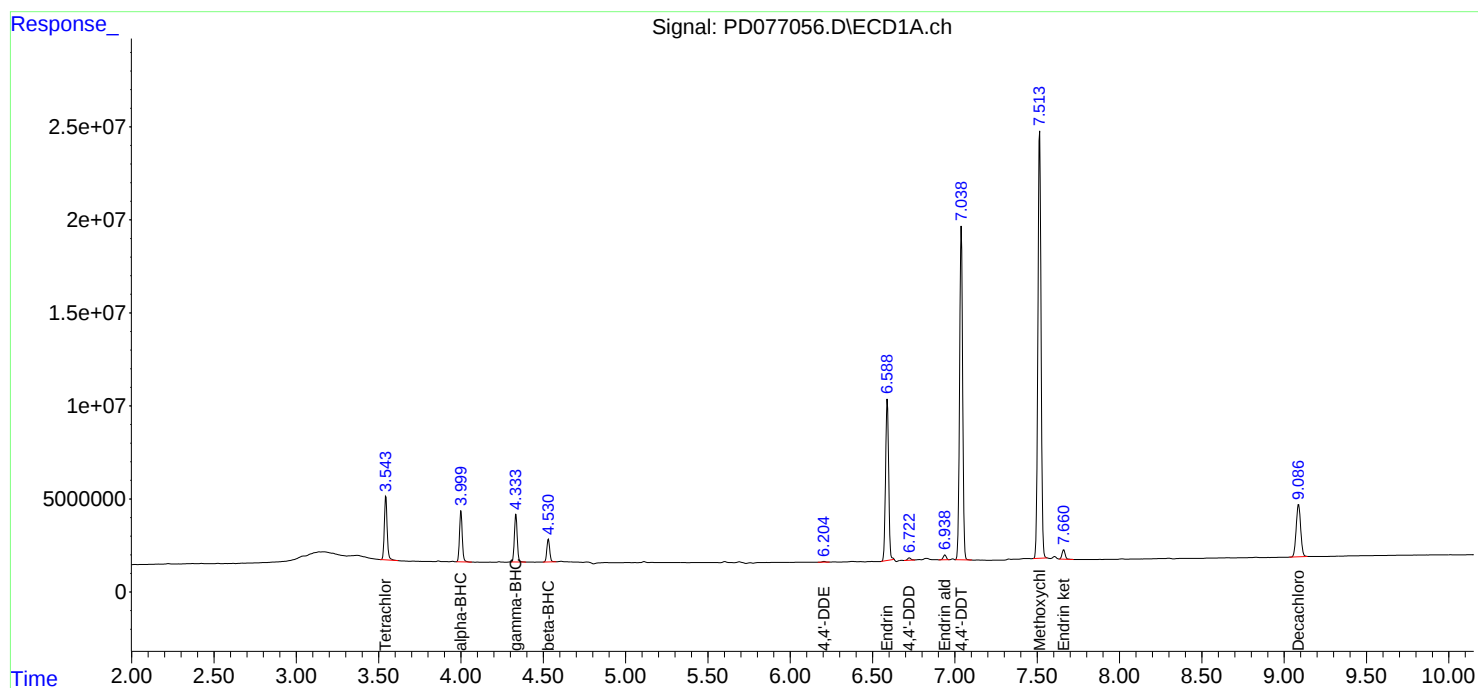
Instrument :
ECD_D
ClientSampleId :
PEM

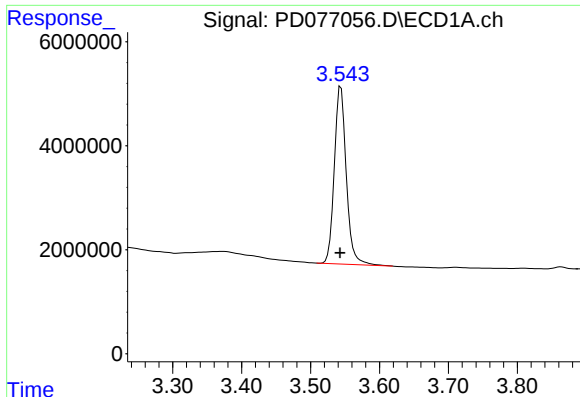
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





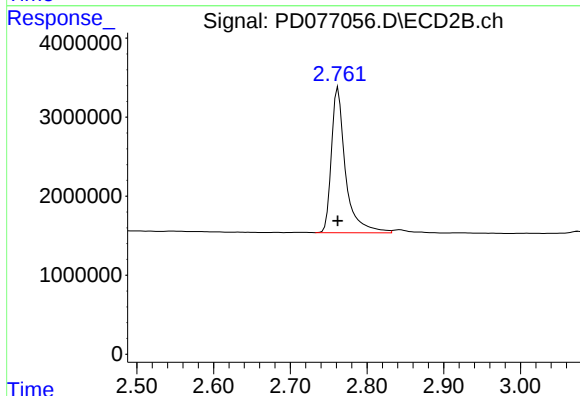
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 41104531
Conc: 17.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

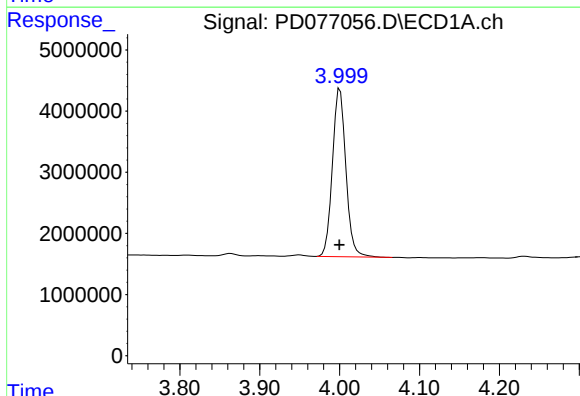
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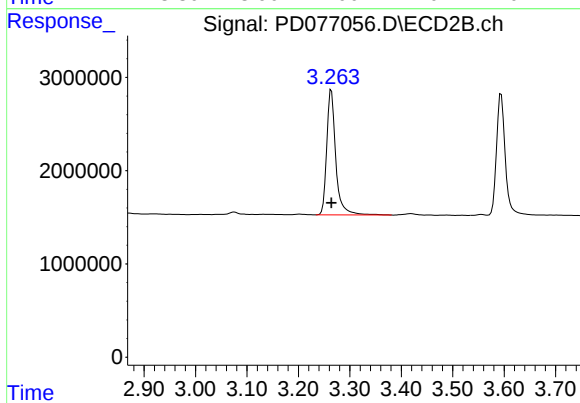
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 23491004
Conc: 17.25 ng/ml



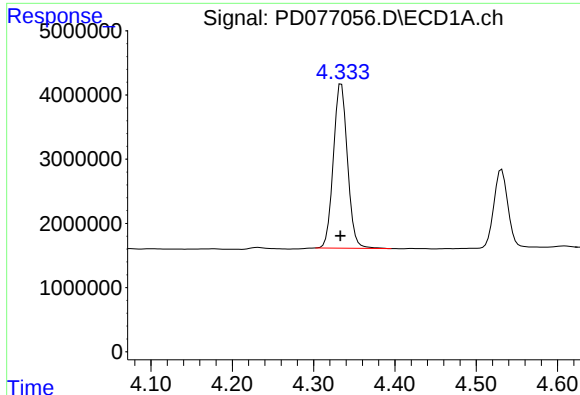
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 32187126
Conc: 8.38 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 16362586
Conc: 8.46 ng/ml



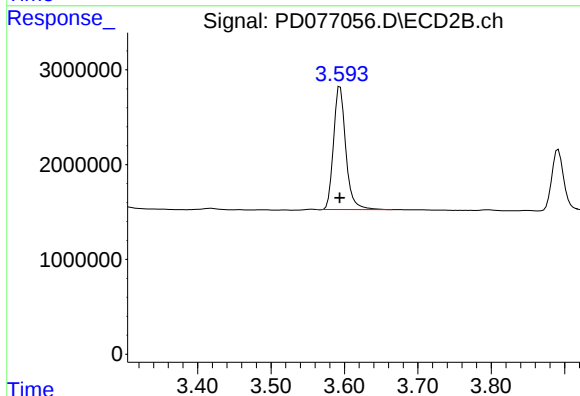
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.001 min
Response: 30882066
Conc: 8.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

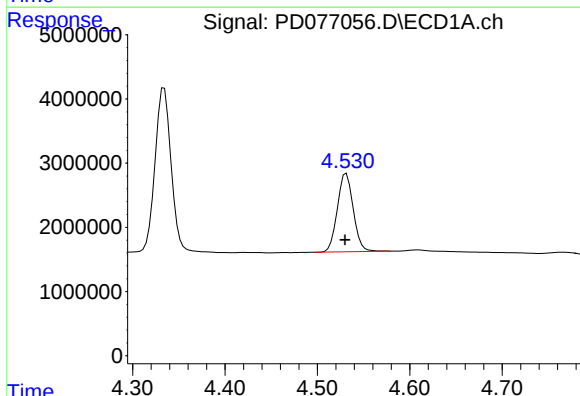
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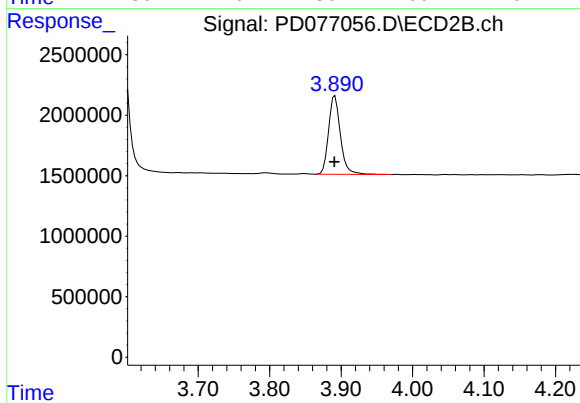
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 15063776
Conc: 8.10 ng/ml



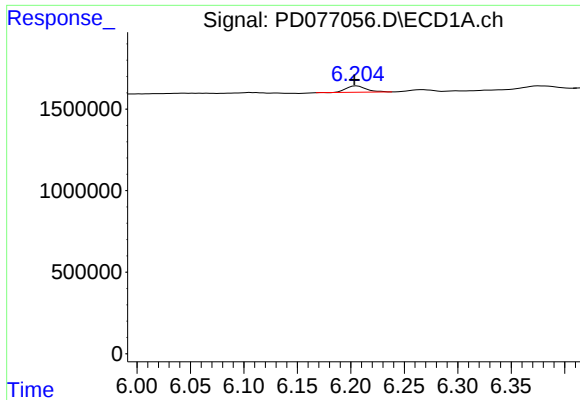
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 14633847
Conc: 9.72 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 7498178
Conc: 9.83 ng/ml



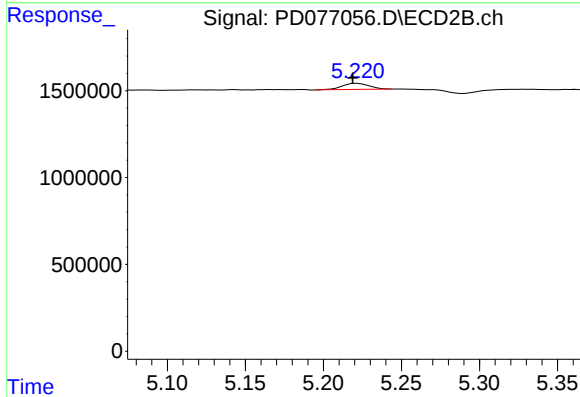
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 523415
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

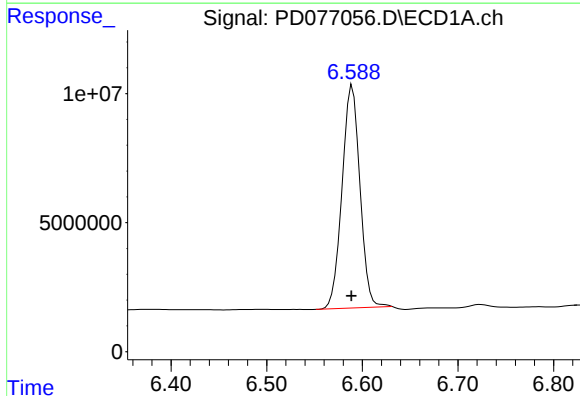
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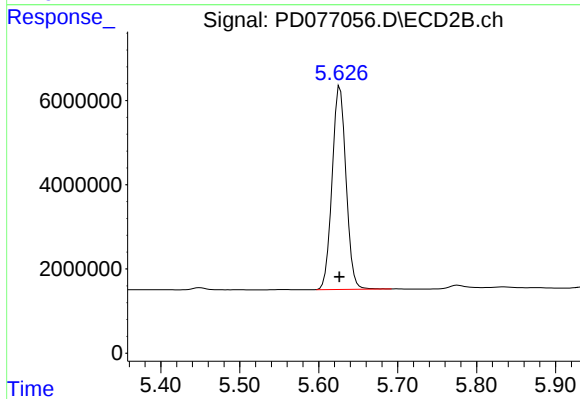
#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.002 min
Response: 428263
Conc: 0.30 ng/ml m



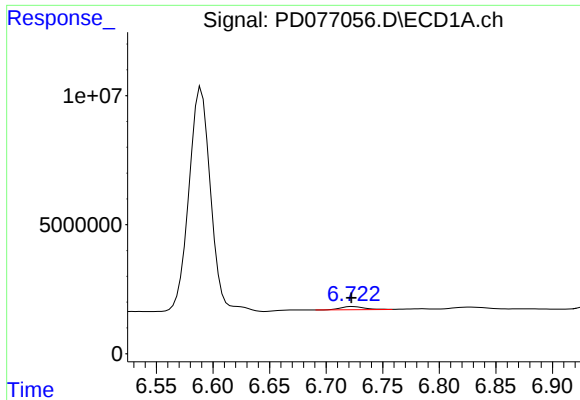
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.001 min
Response: 112662007
Conc: 40.54 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 59097595
Conc: 40.39 ng/ml



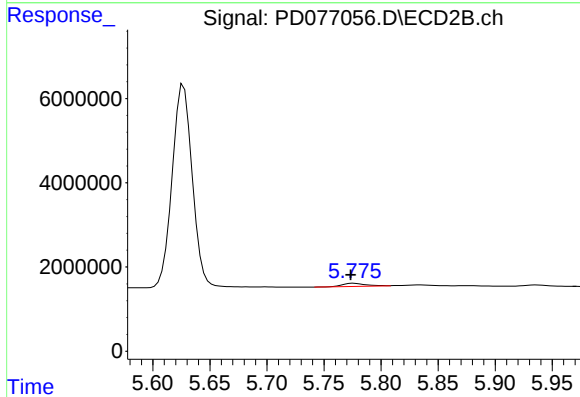
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 1774838
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

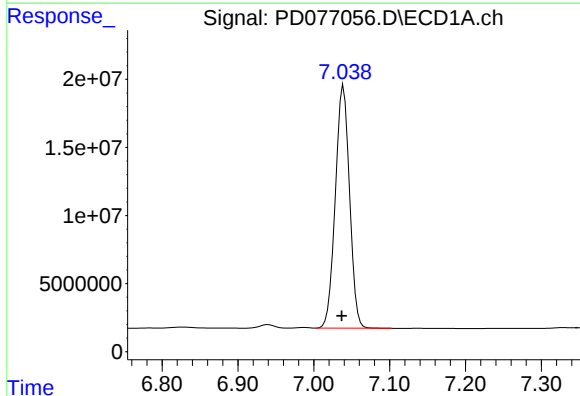
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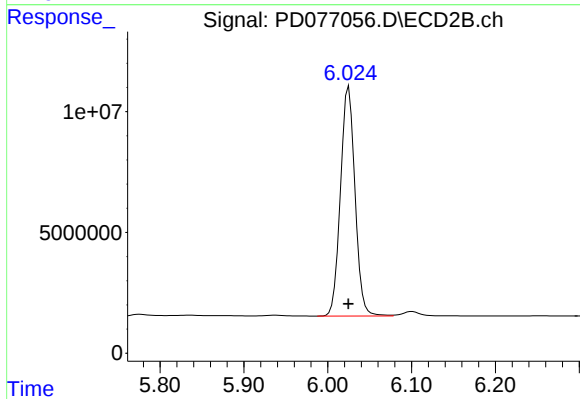
#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.003 min
Response: 1006797
Conc: 0.91 ng/ml



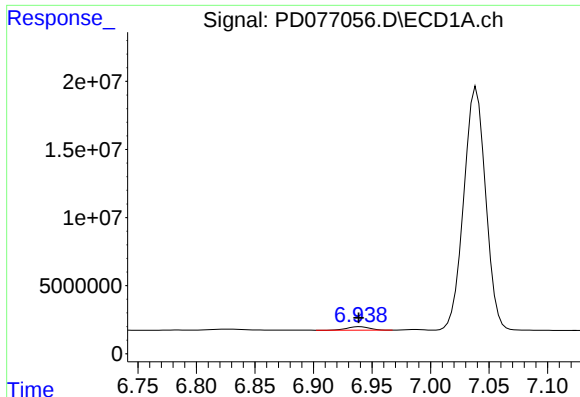
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.002 min
Response: 232186172
Conc: 95.49 ng/ml



#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 114574348
Conc: 103.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 3332958
Conc: 1.53 ng/ml

Instrument :

ECD_D

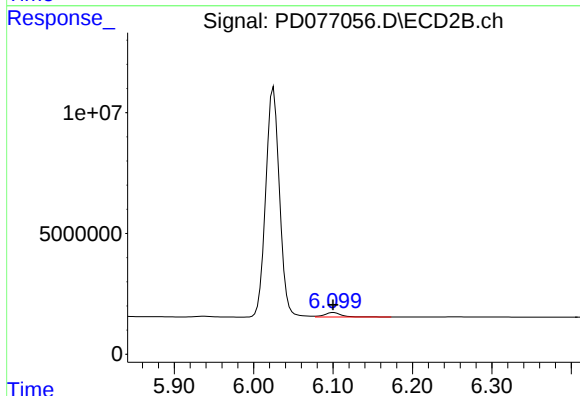
ClientSampleId :

PEM

Manual Integrations

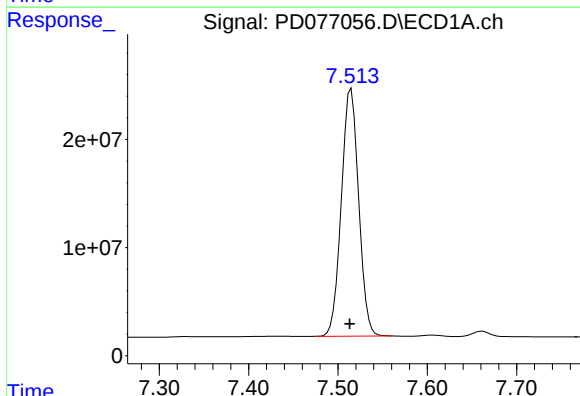
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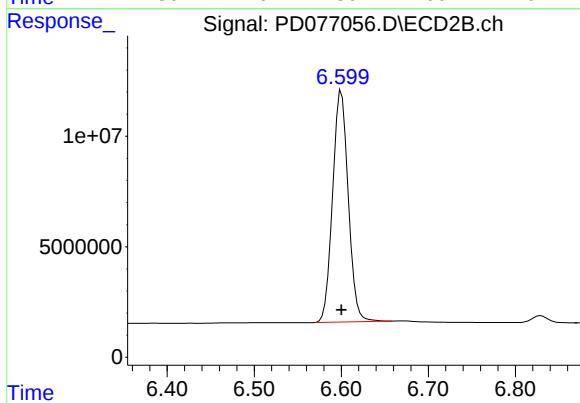
#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 2787655
Conc: 2.45 ng/ml



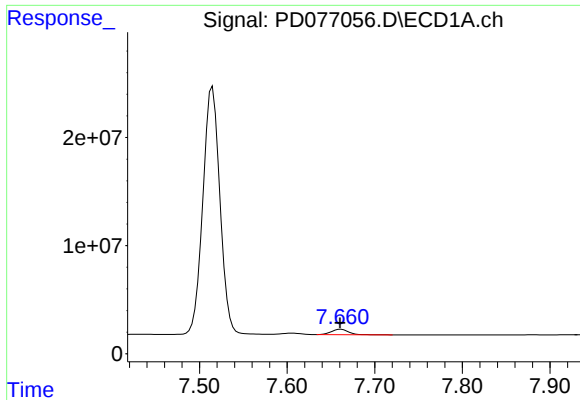
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 308729740
Conc: 217.90 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 131047511
Conc: 219.17 ng/ml



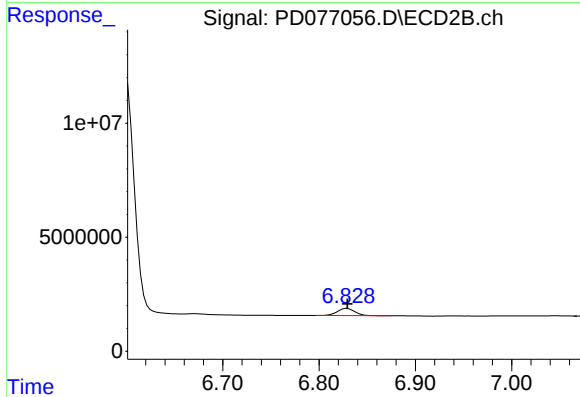
#21 Endrin ketone

R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 6700103
Conc: 2.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

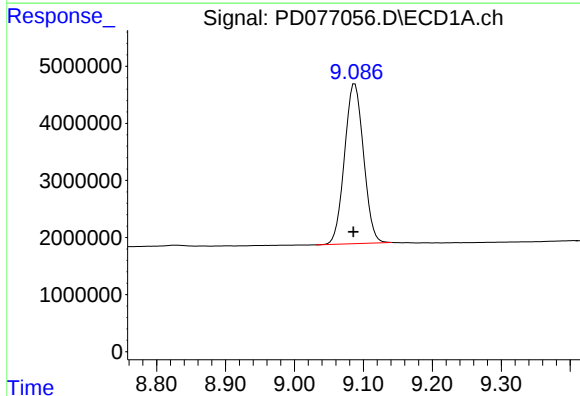
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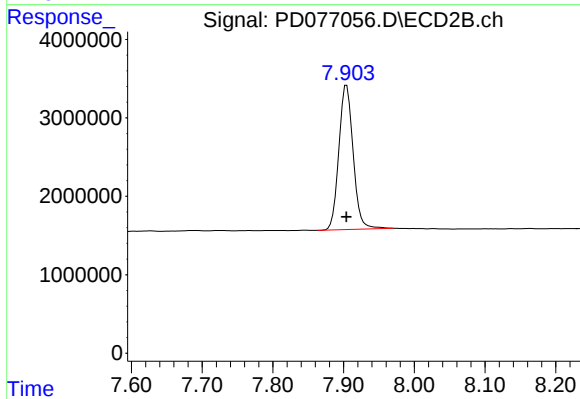
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 3918703
Conc: 2.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 53615625
Conc: 19.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 25830815
Conc: 18.05 ng/ml