

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090323\
 Data File : PD077563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 13:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/05/2023
 Supervised By : Ankita Jodhani 09/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 18:17:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 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...	3.542	2.760	46726480	29154721	18.403	18.433
28)	SA Decachlor...	9.083	7.901	57478464	31805742	18.869	18.431
Target Compounds							
2)	A alpha-BHC	3.998	3.261	35758339	20426879	8.692	8.829
3)	MA gamma-BHC...	4.332	3.591	34933747	18858364	8.831	8.436
6)	B beta-BHC	4.529	3.888	16491237	9050948	10.219	10.155
12)	B 4,4'-DDE	6.203	5.216	631412	504117	0.196	0.276m#
14)	MA Endrin	6.587	5.623	135.1E6	81026183	44.546	44.733
16)	A 4,4'-DDD	6.720	5.770	965650	616226	0.377m	0.441m
17)	MA 4,4'-DDT	7.036	6.022	267.6E6	150.6E6	102.318	106.586
18)	B Endrin al...	6.935	6.096	2826177	1885147	1.189m	1.397m
20)	A Methoxychlor	7.512	6.597	362.2E6	188.1E6	234.182	243.001
21)	B Endrin ke...	7.658	6.825	6203595	3789026	1.909	2.004m

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

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Acq On : 01 Sep 2023 13:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

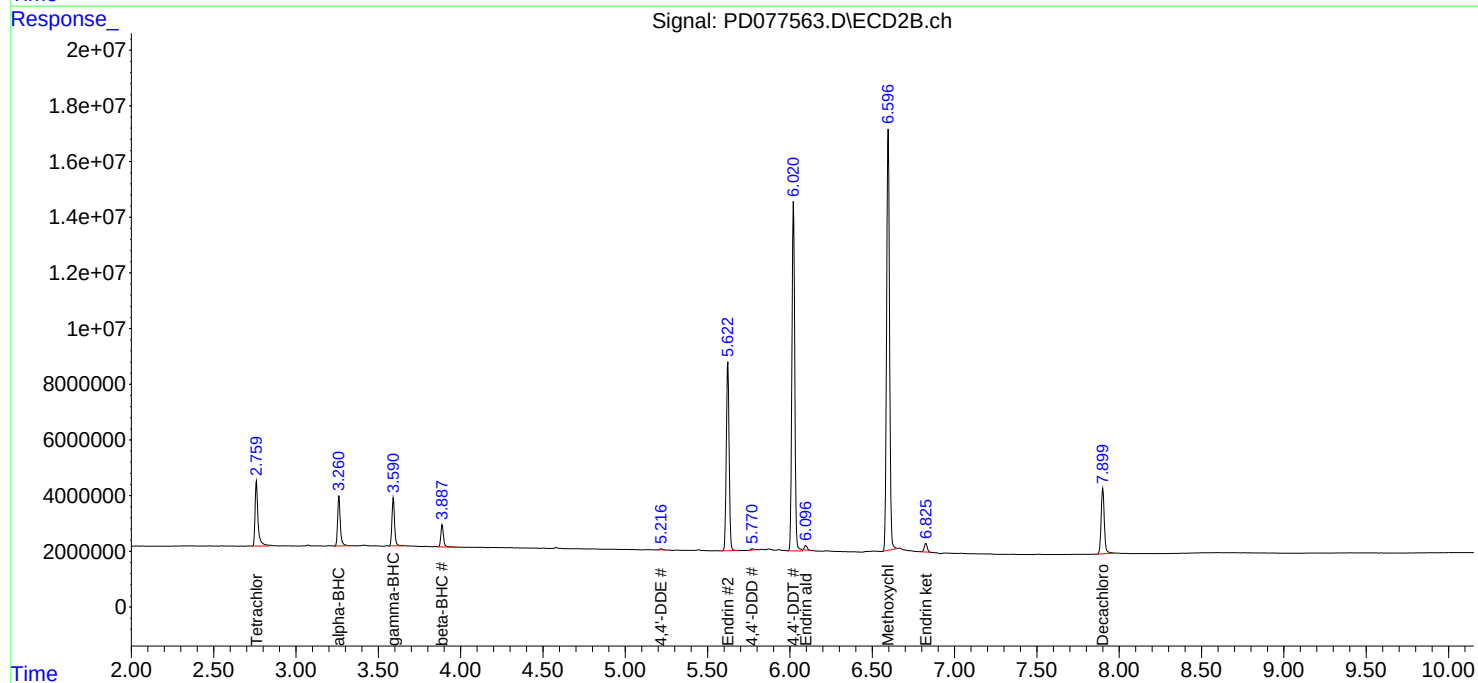
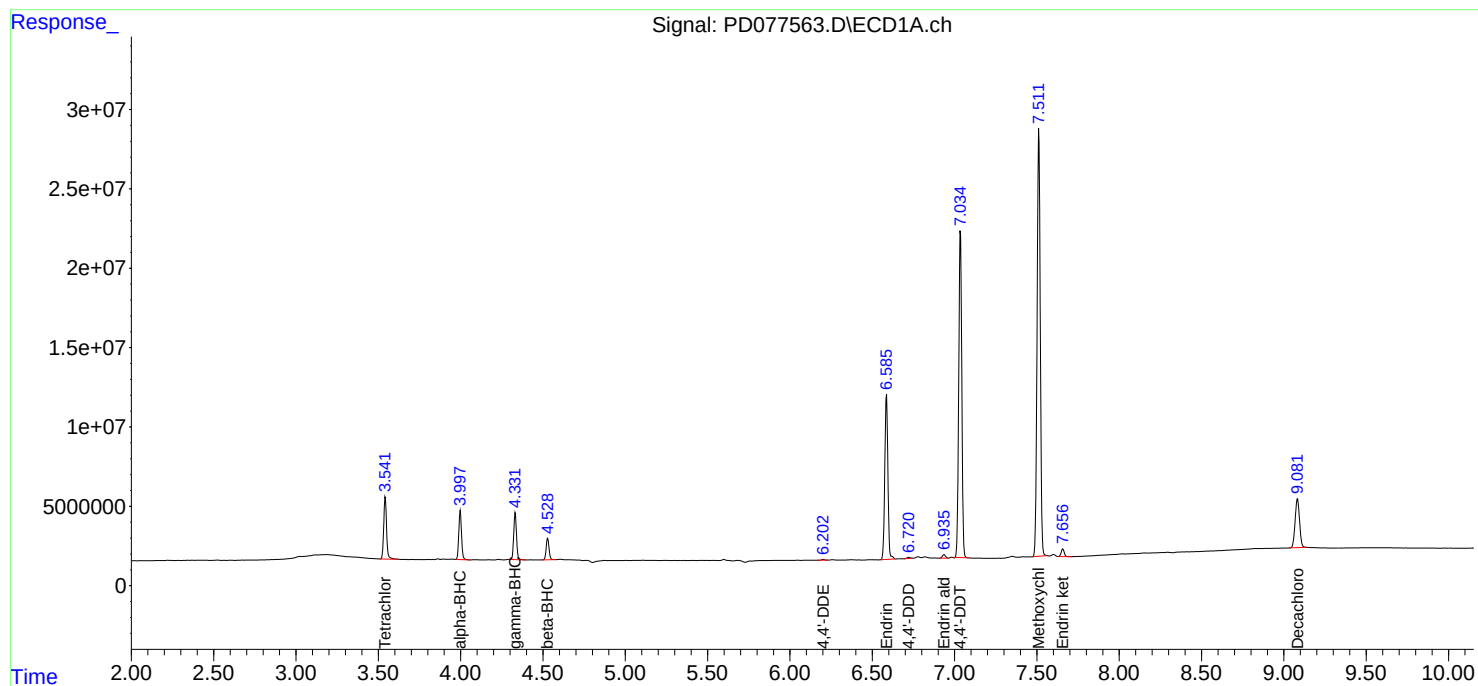
Instrument :
ECD_D
ClientSampleId :
PEM

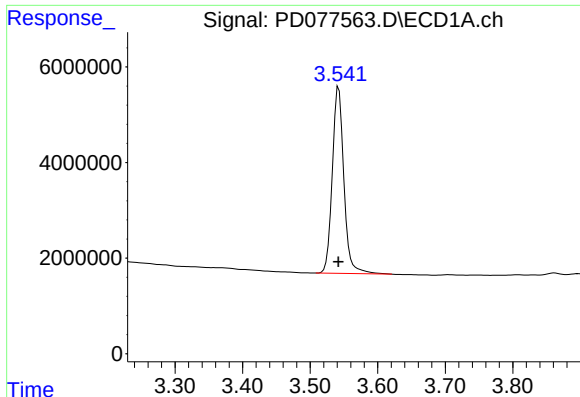
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





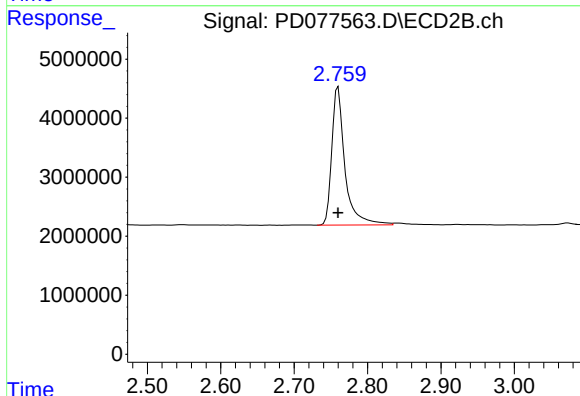
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 46726480
Conc: 18.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

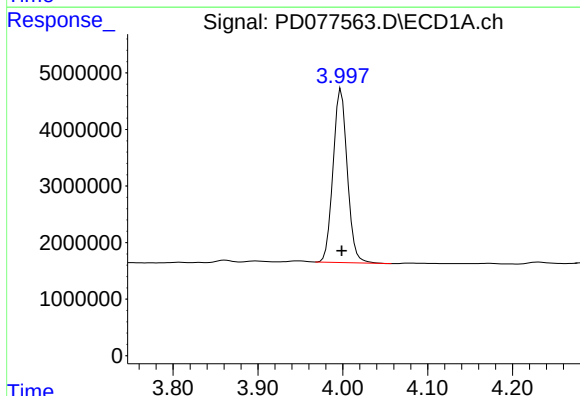
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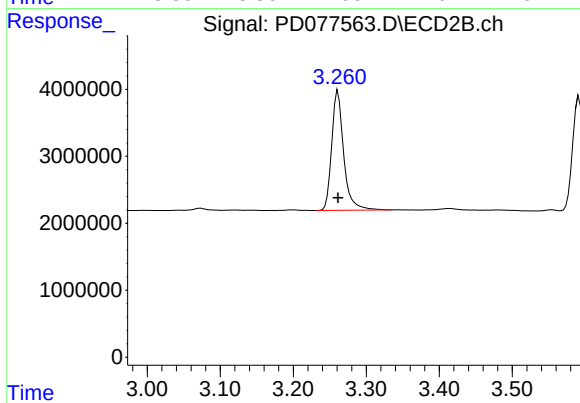
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 29154721
Conc: 18.43 ng/ml



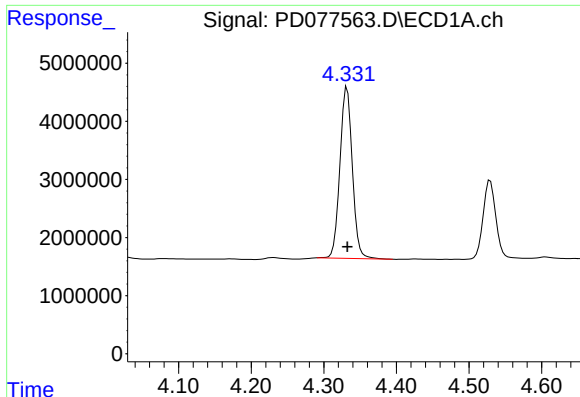
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 35758339
Conc: 8.69 ng/ml



#2 alpha-BHC

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 20426879
Conc: 8.83 ng/ml



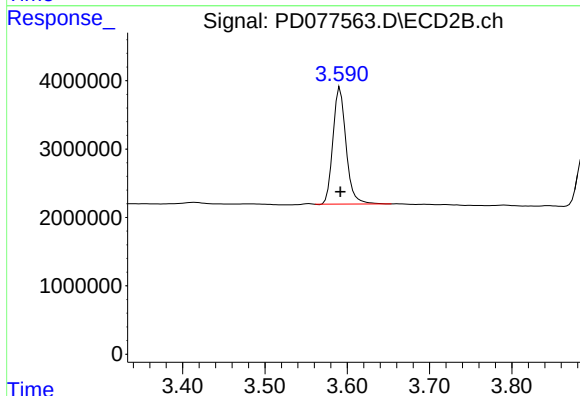
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 34933747
Conc: 8.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

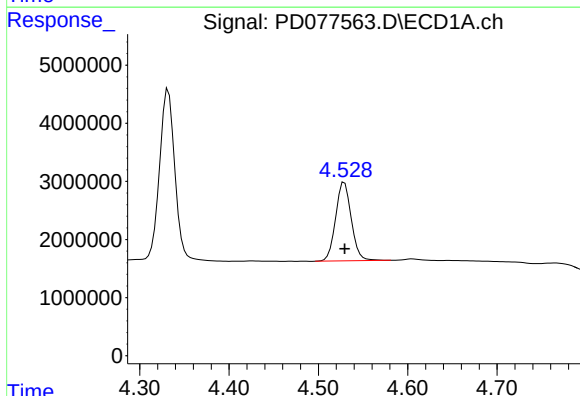
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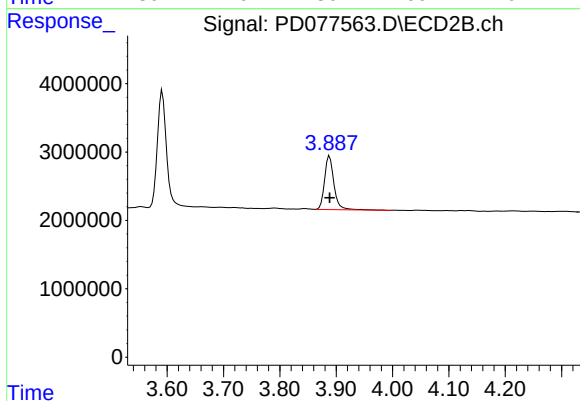
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 18858364
Conc: 8.44 ng/ml



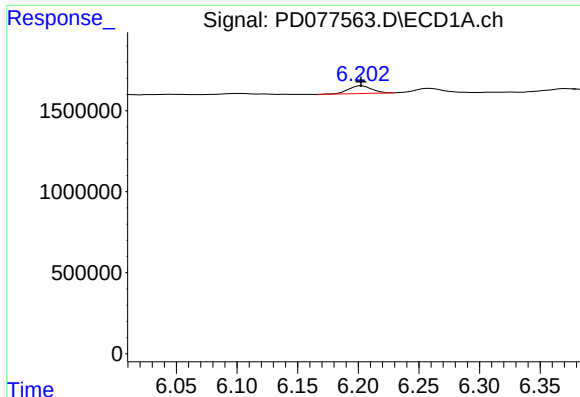
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 16491237
Conc: 10.22 ng/ml



#6 beta-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 9050948
Conc: 10.16 ng/ml



#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 631412
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#12 4,4'-DDE

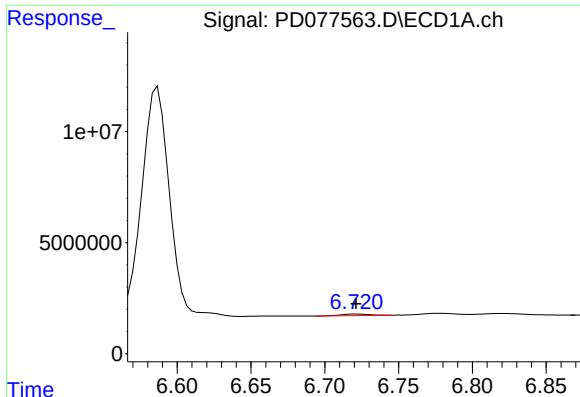
R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 504117
Conc: 0.28 ng/ml m

#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.000 min
Response: 135116054
Conc: 44.55 ng/ml

#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 81026183
Conc: 44.73 ng/ml



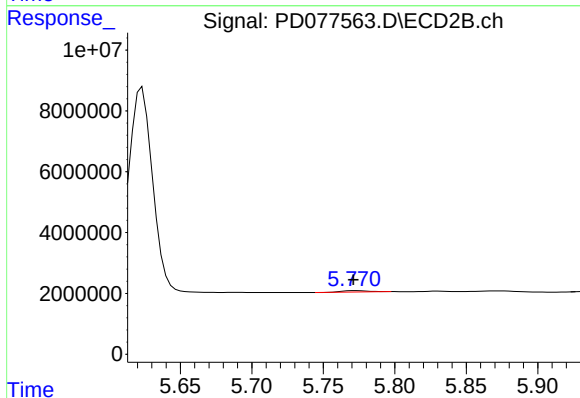
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.001 min
Response: 965650
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

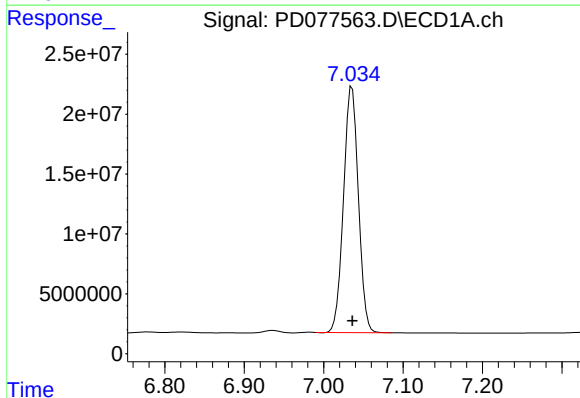
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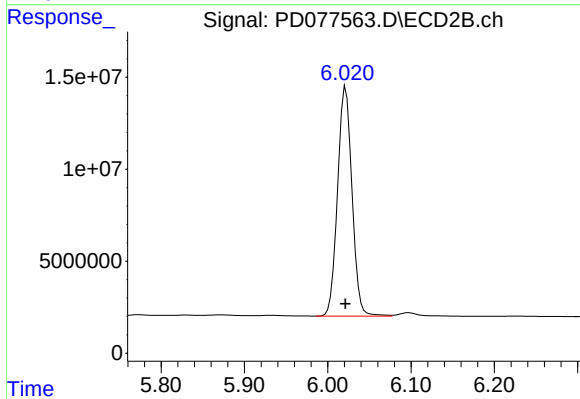
#16 4,4'-DDD

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 616226
Conc: 0.44 ng/ml m



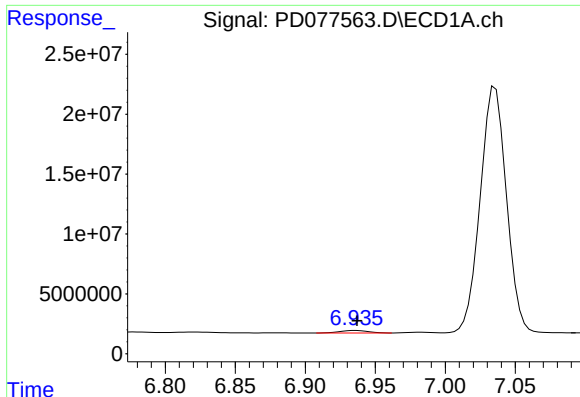
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 267593091
Conc: 102.32 ng/ml



#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 150588505
Conc: 106.59 ng/ml



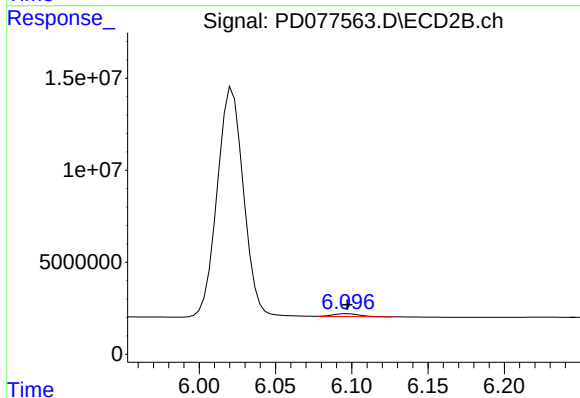
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 2826177
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

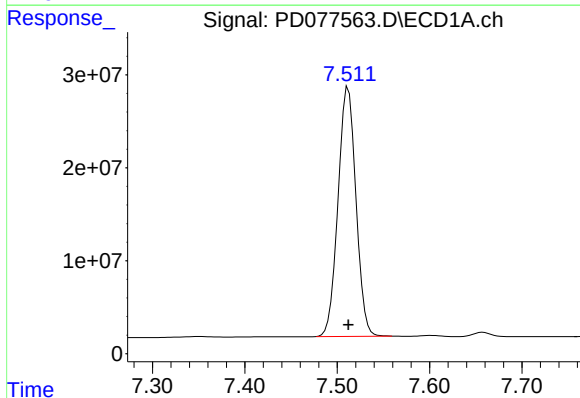
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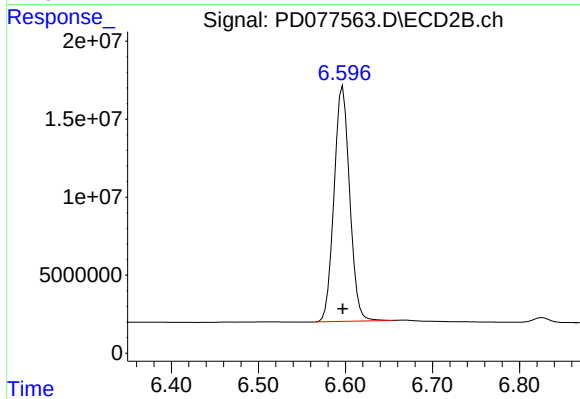
#18 Endrin aldehyde

R.T.: 6.096 min
Delta R.T.: -0.001 min
Response: 1885147
Conc: 1.40 ng/ml m



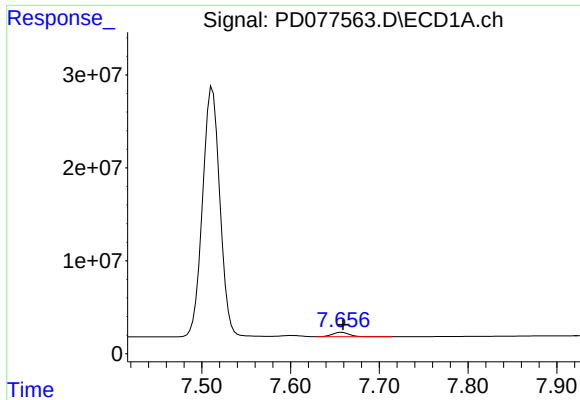
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 362221868
Conc: 234.18 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 188140766
Conc: 243.00 ng/ml



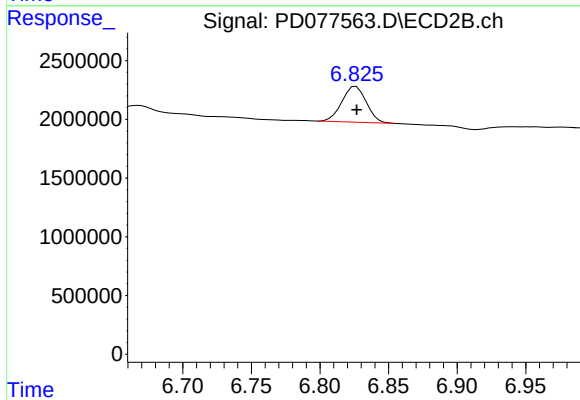
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: -0.001 min
Response: 6203595
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

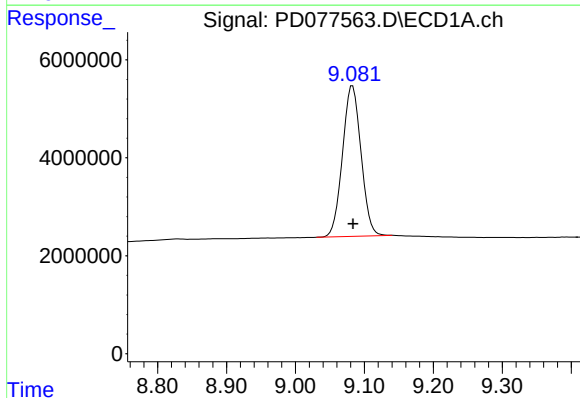
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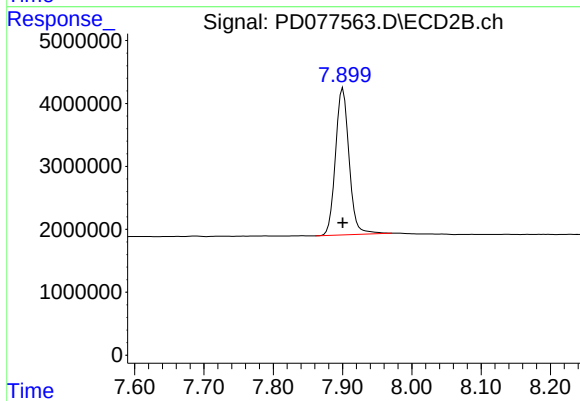
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.002 min
Response: 3789026
Conc: 2.00 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: -0.001 min
Response: 57478464
Conc: 18.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 31805742
Conc: 18.43 ng/ml