

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091423\
 Data File : PD077929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2023 14:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2023
 Supervised By : Ankita Jodhani 09/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 22:45:40 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...	3.543	2.760	45648450	29061489	17.979	18.374
28)	SA Decachlor...	9.085	7.899	58158477	32595149	19.092	18.889
Target Compounds							
2)	A alpha-BHC	3.999	3.261	35555507	20979796	8.642	9.068
3)	MA gamma-BHC...	4.333	3.591	34019954	19244285	8.600	8.609
6)	B beta-BHC	4.530	3.888	15745393	9014675	9.757	10.114
12)	B 4,4'-DDE	6.204	5.217	588250	455487	0.183	0.250m#
14)	MA Endrin	6.588	5.623	122.5E6	78362101	40.381	43.263
16)	A 4,4'-DDD	6.722	5.771	3014718	2008807	1.177	1.438
17)	MA 4,4'-DDT	7.037	6.021	244.8E6	152.1E6	93.604	107.689
18)	B Endrin al...	6.938	6.097	3849796	3151121	1.620	2.334 #
20)	A Methoxychlor	7.514	6.597	320.8E6	184.5E6	207.426	238.318
21)	B Endrin ke...	7.660	6.825	7771681	5145227	2.391	2.721

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

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Acq On : 13 Sep 2023 14:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

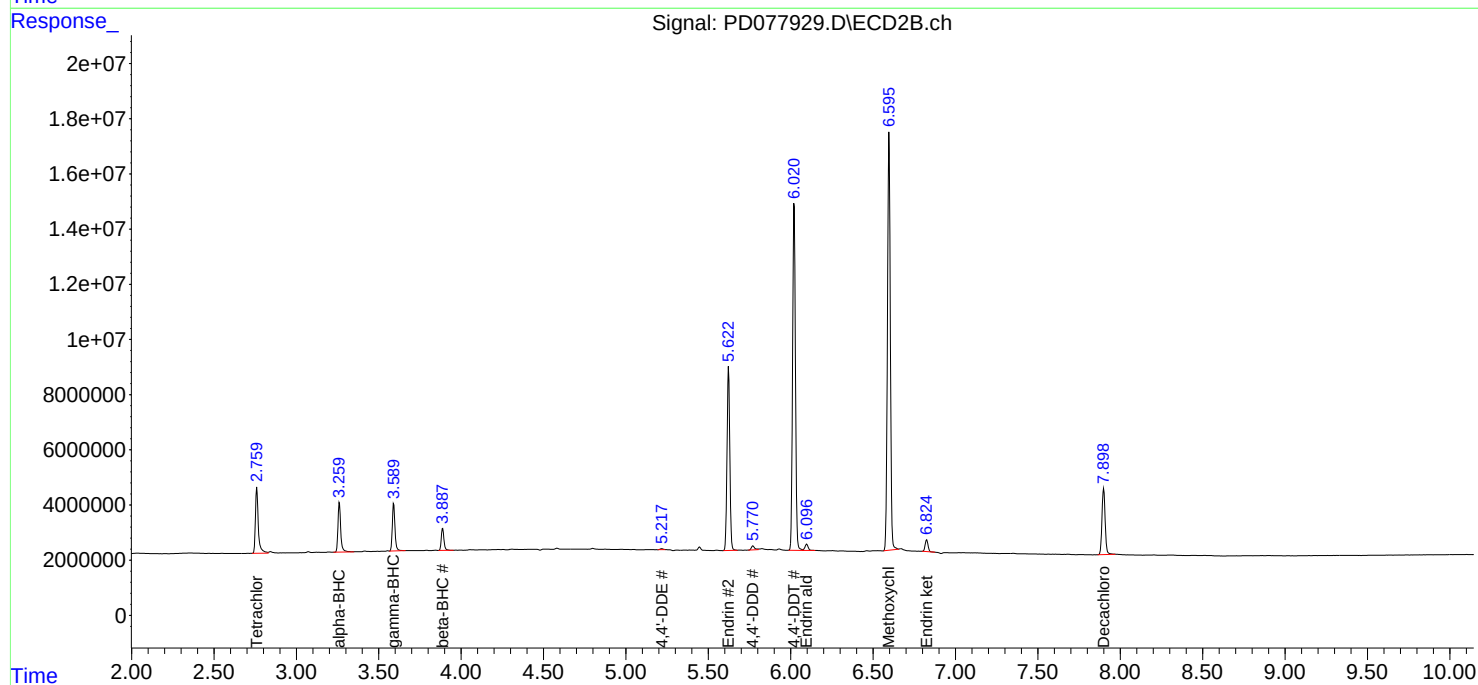
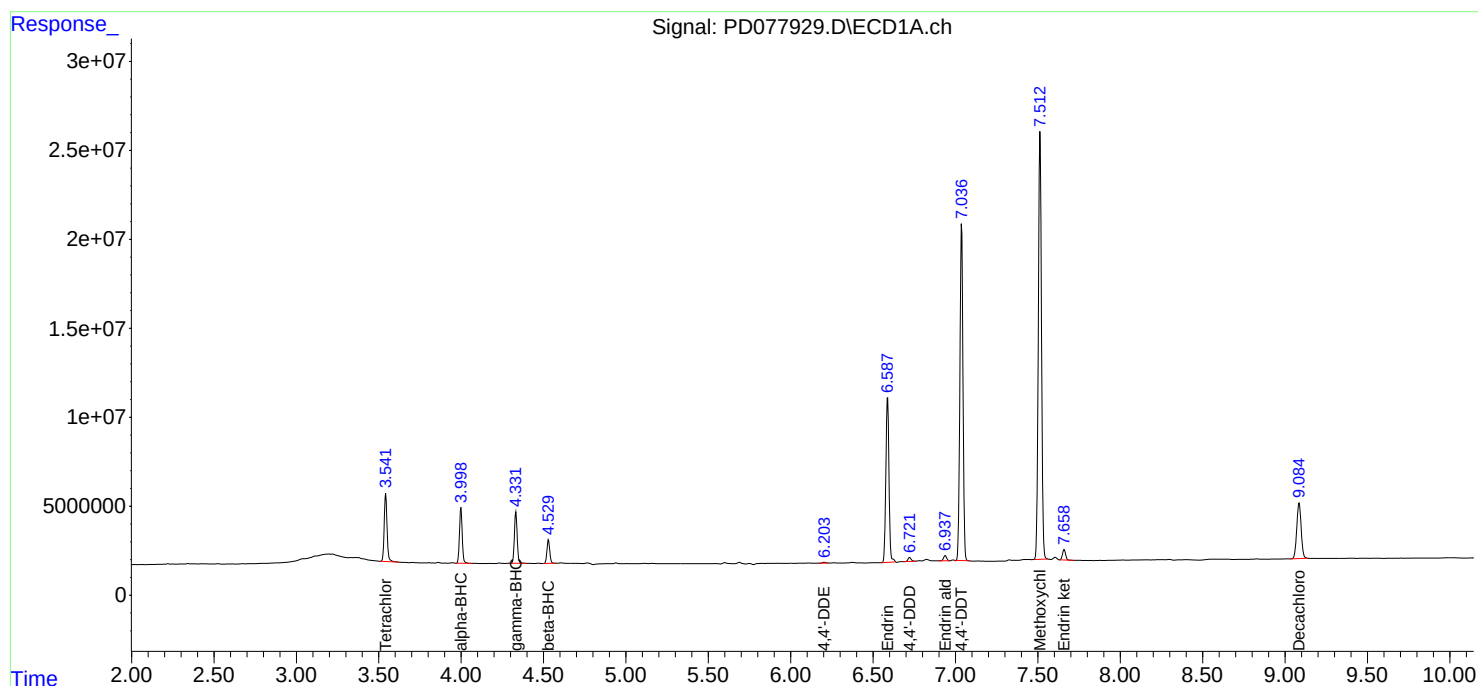
Instrument :
ECD_D
ClientSampleId :
PEM

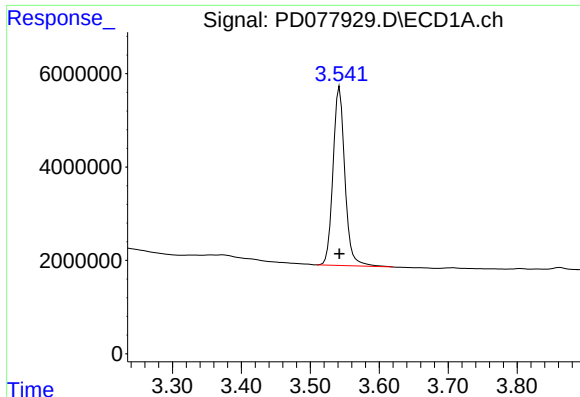
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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
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Volume Inj. : 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





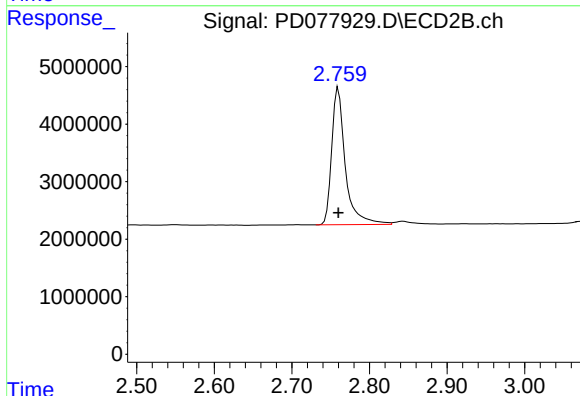
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 45648450
Conc: 17.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

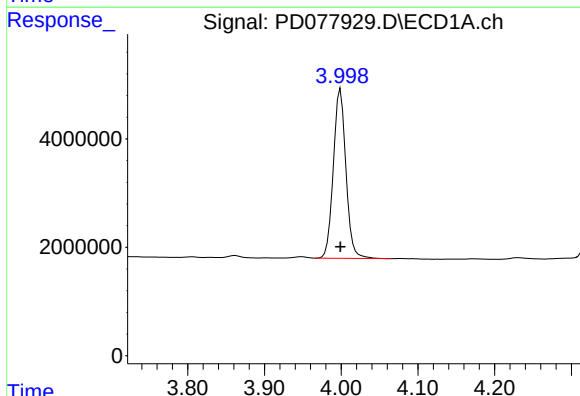
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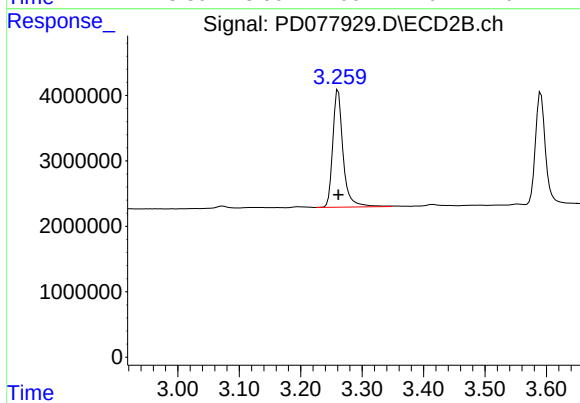
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 29061489
Conc: 18.37 ng/ml



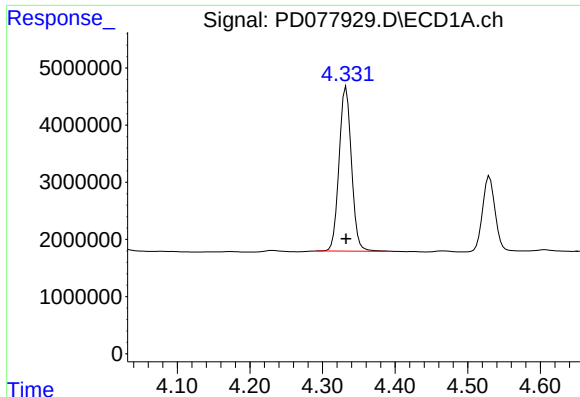
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 35555507
Conc: 8.64 ng/ml



#2 alpha-BHC

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 20979796
Conc: 9.07 ng/ml



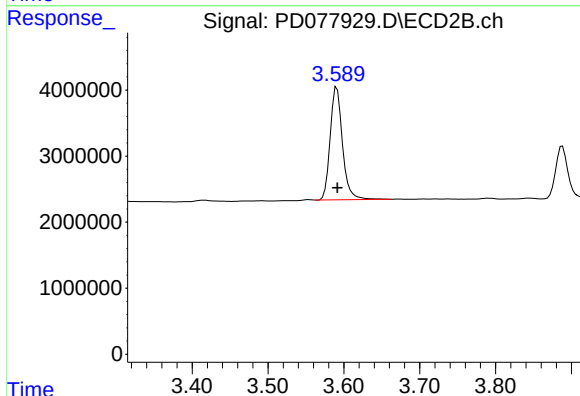
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 34019954
Conc: 8.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

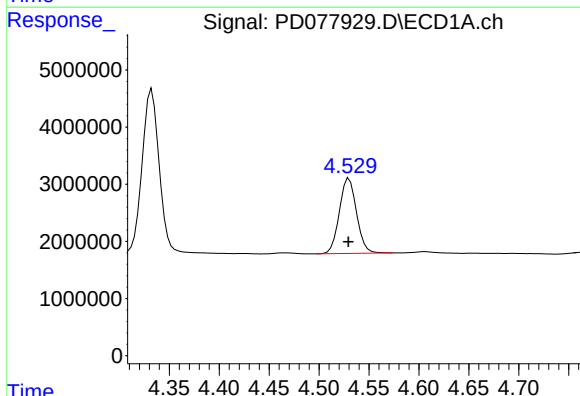
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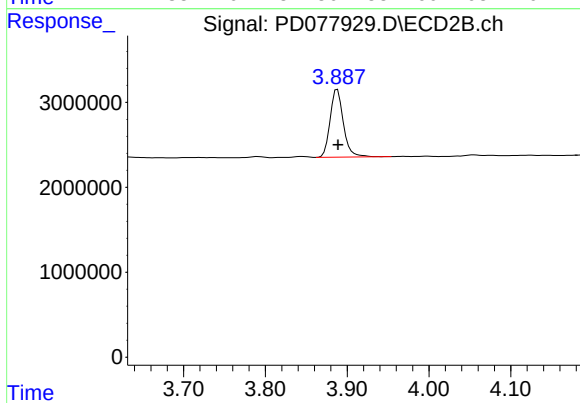
#3 gamma-BHC (Lindane)

R.T.: 3.591 min
Delta R.T.: 0.000 min
Response: 19244285
Conc: 8.61 ng/ml



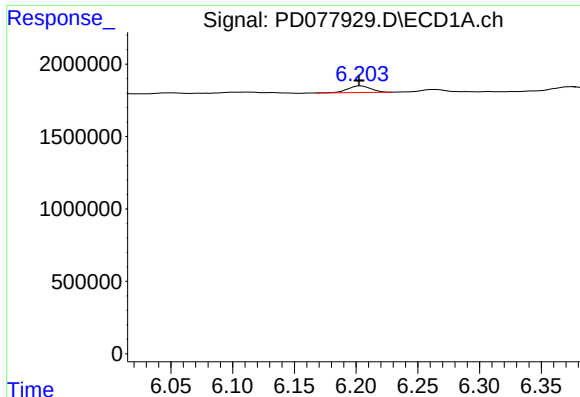
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15745393
Conc: 9.76 ng/ml



#6 beta-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 9014675
Conc: 10.11 ng/ml



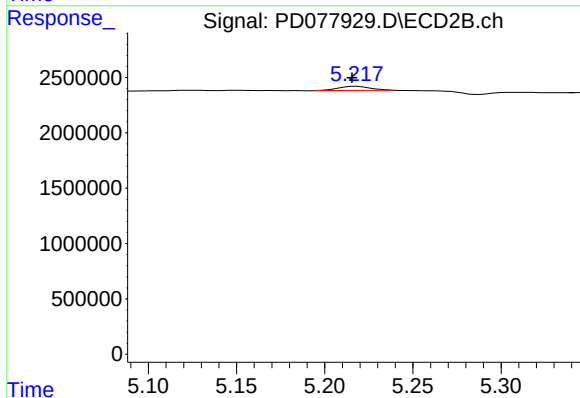
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 588250
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

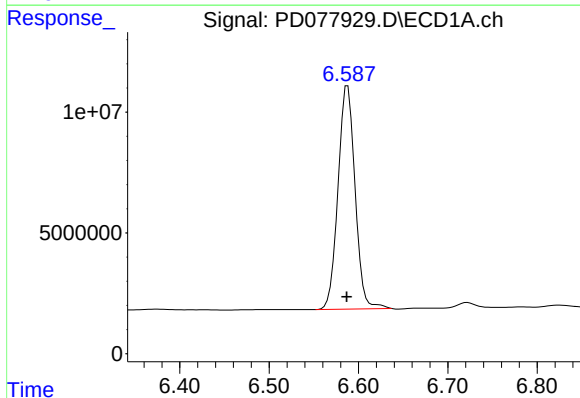
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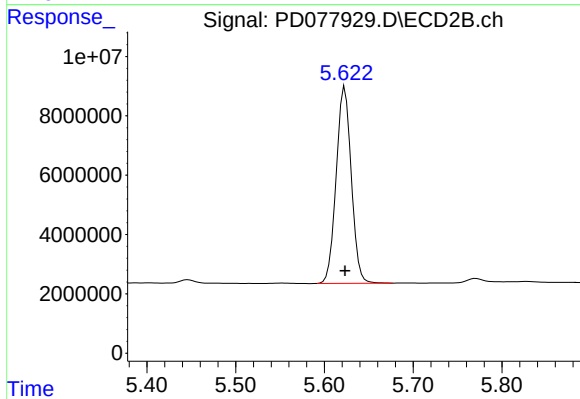
#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: 0.001 min
Response: 455487
Conc: 0.25 ng/ml m



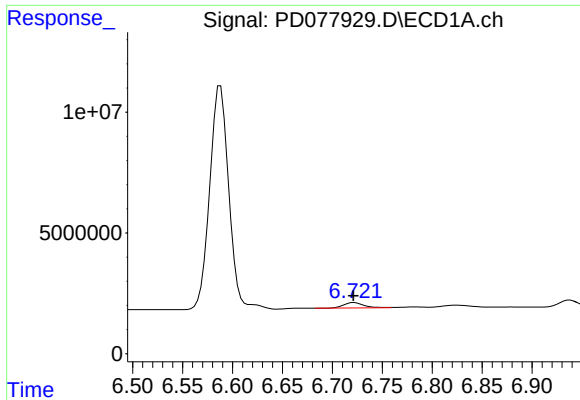
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.001 min
Response: 122481850
Conc: 40.38 ng/ml



#14 Endrin

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 78362101
Conc: 43.26 ng/ml



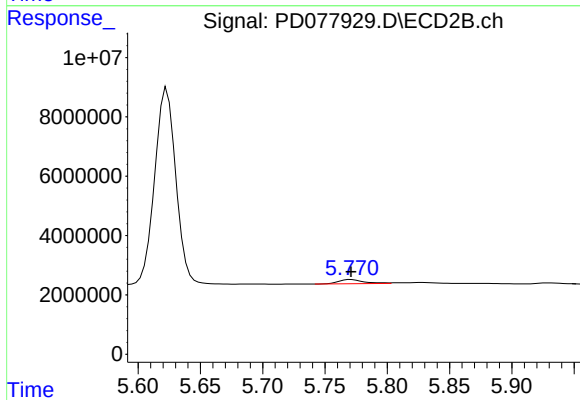
#16 4,4'-DDD

R.T.: 6.722 min
Delta R.T.: 0.000 min
Response: 3014718
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

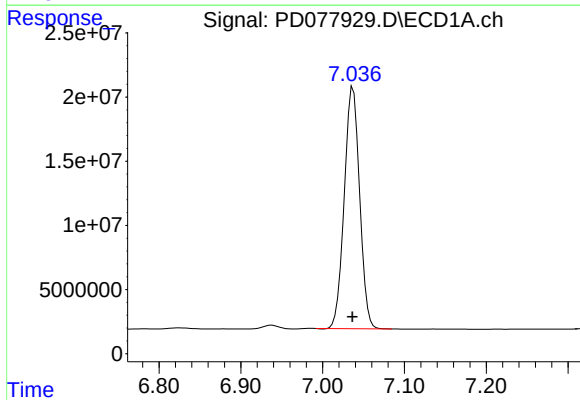
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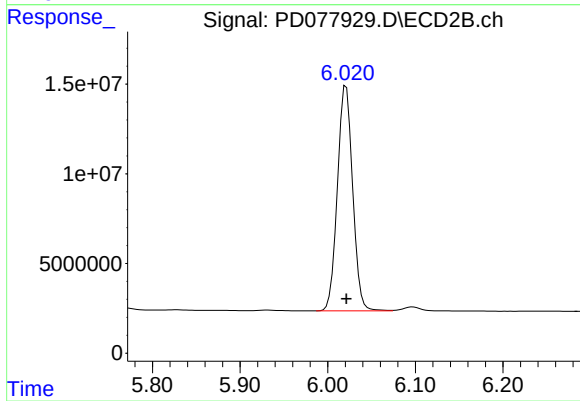
#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 2008807
Conc: 1.44 ng/ml



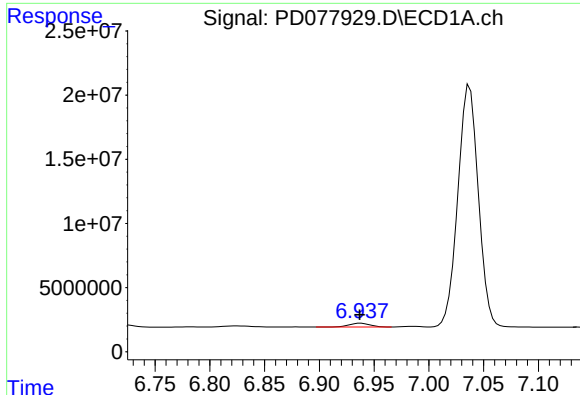
#17 4,4'-DDT

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 244802979
Conc: 93.60 ng/ml



#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: 0.000 min
Response: 152146981
Conc: 107.69 ng/ml



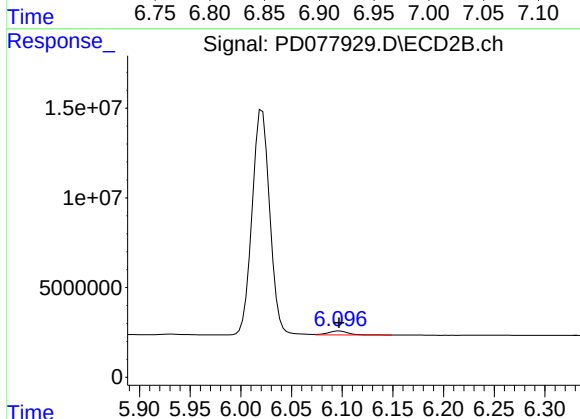
#18 Endrin aldehyde

R.T.: 6.938 min
Delta R.T.: 0.001 min
Response: 3849796
Conc: 1.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

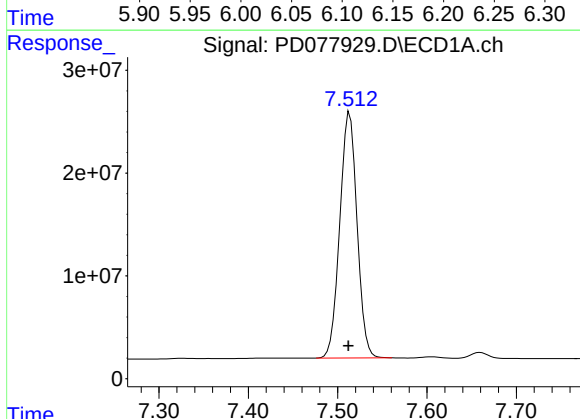
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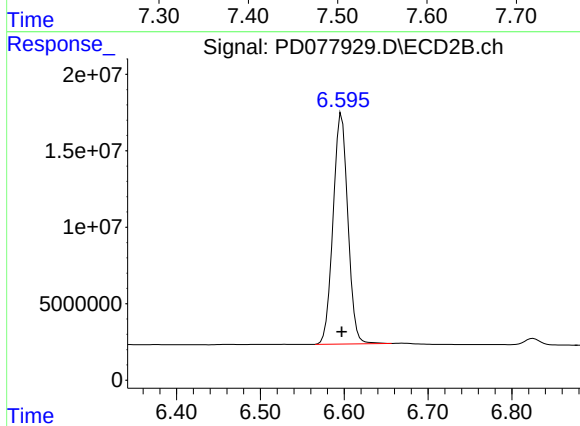
#18 Endrin aldehyde

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 3151121
Conc: 2.33 ng/ml



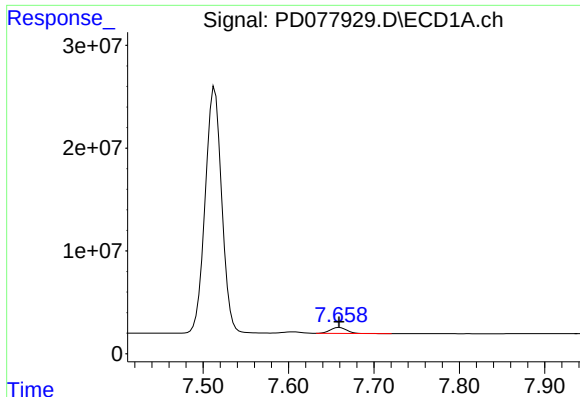
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.002 min
Response: 320837935
Conc: 207.43 ng/ml



#20 Methoxychlor

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 184514500
Conc: 238.32 ng/ml



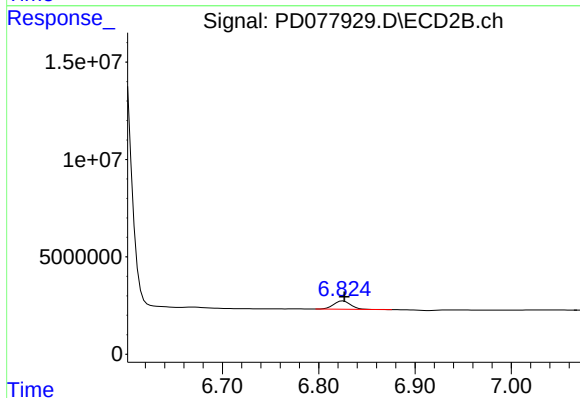
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 7771681
Conc: 2.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

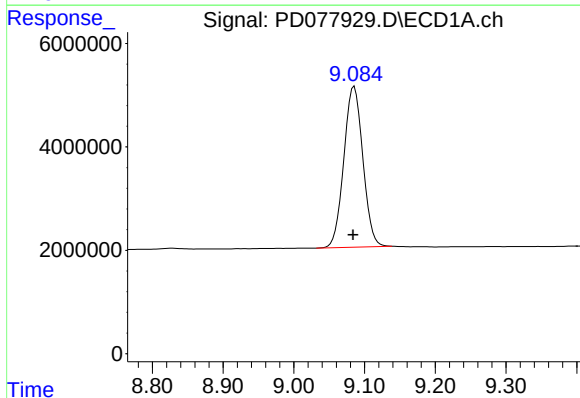
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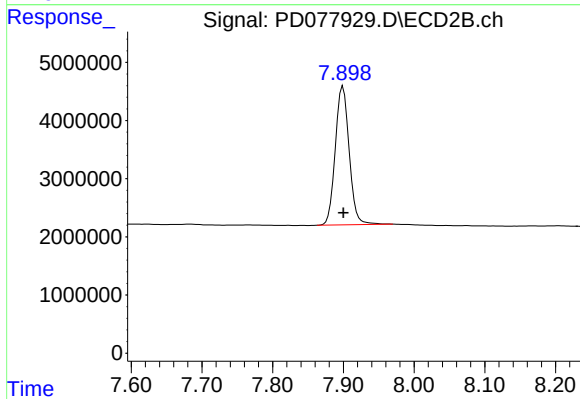
#21 Endrin ketone

R.T.: 6.825 min
Delta R.T.: -0.001 min
Response: 5145227
Conc: 2.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.002 min
Response: 58158477
Conc: 19.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 32595149
Conc: 18.89 ng/ml