

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
 Data File : PD077230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 13:59
 Operator : AR\AJ
 Sample : 03985-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PNNL-APM2-0811-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/17/2023
 Supervised By :Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 17:59:20 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...	3.550	2.762	37722697	19723177	15.940	14.480
28)	SA Decachlor...	9.096	7.906	50622105	22980712	18.474	16.058
Target Compounds							
2)	A alpha-BHC	4.006	3.264	175.3E6	86294550	45.648m	44.611
3)	MA gamma-BHC...	4.342	3.594	162.8E6	80624851	44.239	43.339
4)	MA Heptachlor	4.932	3.933	178.3E6	84269232	49.441	46.387
5)	MB Aldrin	5.275	4.214	162.1E6	79796240	43.871	43.095
6)	B beta-BHC	4.538	3.891	63756916	31485863	42.368	41.271
7)	B delta-BHC	4.787	4.121	156.7E6	75063608	44.906	42.188
8)	B Heptachlo...	5.703	4.716	149.3E6	72397726	45.103	43.294
9)	A Endosulfan I	6.090	5.086	140.2E6	68939513	46.131	44.193
10)	B gamma-Chl...	5.960	4.966	148.5E6	72295100	45.629	43.583
11)	B alpha-Chl...	6.039	5.030	149.5E6	76420026	45.581	45.761
12)	B 4,4'-DDE	6.212	5.220	132.2E6	60877265	44.581	41.979
13)	MA Dieldrin	6.366	5.351	149.1E6	72286200	45.534	42.911
14)	MA Endrin	6.596	5.627	125.0E6	65054010	44.982	44.459
15)	B Endosulfa...	6.816	5.922	118.4E6	58577555	37.217	39.739
16)	A 4,4'-DDD	6.730	5.774	107.3E6	47015713	45.591	42.278
17)	MA 4,4'-DDT	7.045	6.026	117.0E6	50777456	48.101	45.680
18)	B Endrin al...	6.946	6.101	92442500	46664326	42.317	40.991
19)	B Endosulfa...	7.182	6.324	118.3E6	58329257	45.390	43.735
20)	A Methoxychlor	7.521	6.602	62464245	25681470	44.086	42.950
21)	B Endrin ke...	7.668	6.831	135.2E6	67450061	44.881	42.542
22)	Mirex	8.142	7.012	101.5E6	54895176	44.519	42.397

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081823\
Data File : PD077230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Aug 2023 13:59
Operator : AR\AJ
Sample : 03985-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

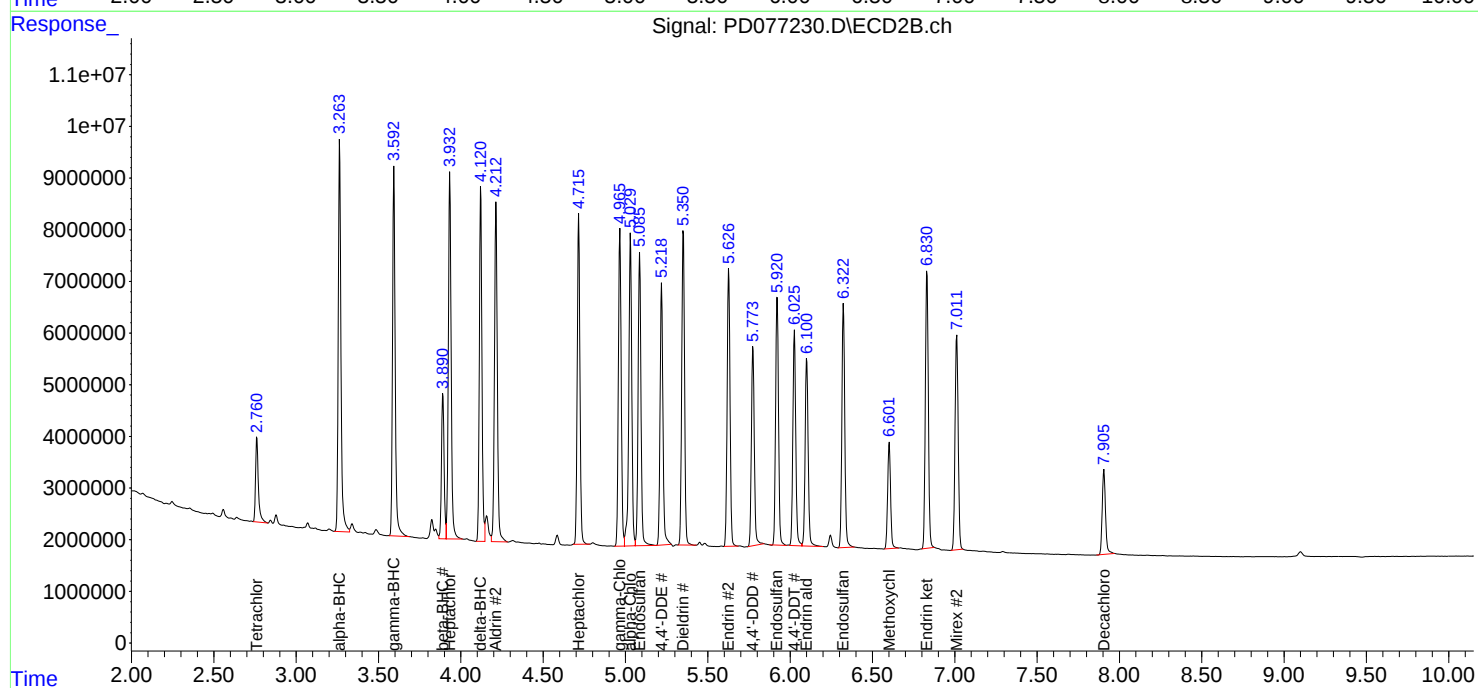
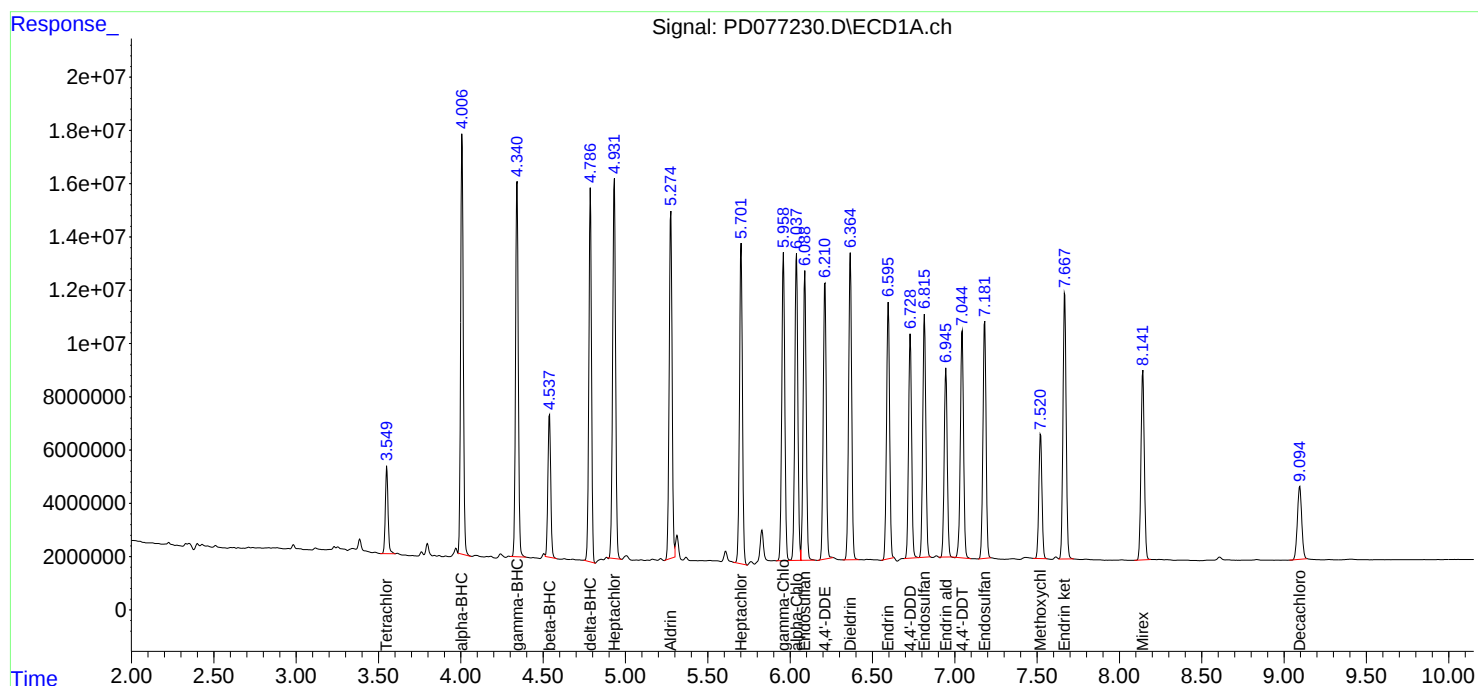
Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

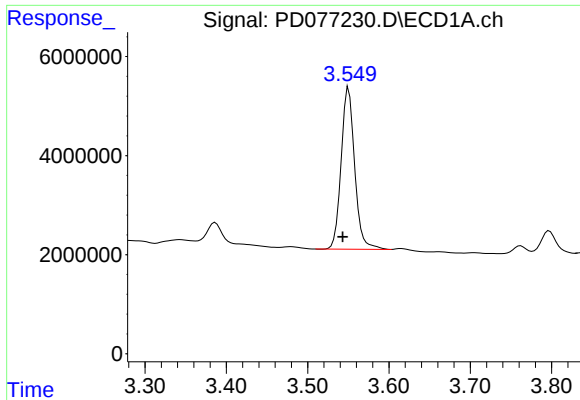
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 17:59:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





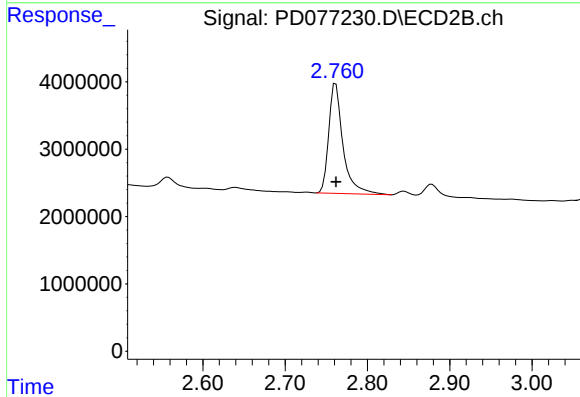
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.007 min
Response: 37722697
Conc: 15.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

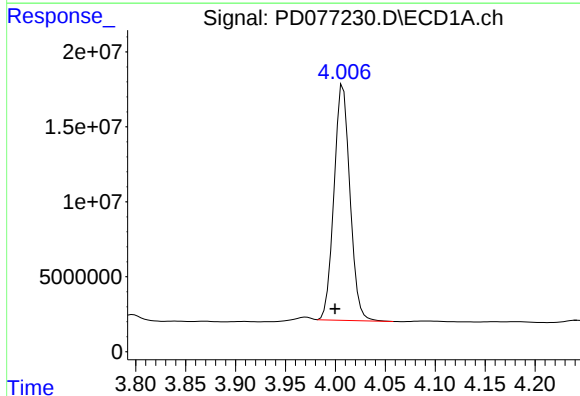
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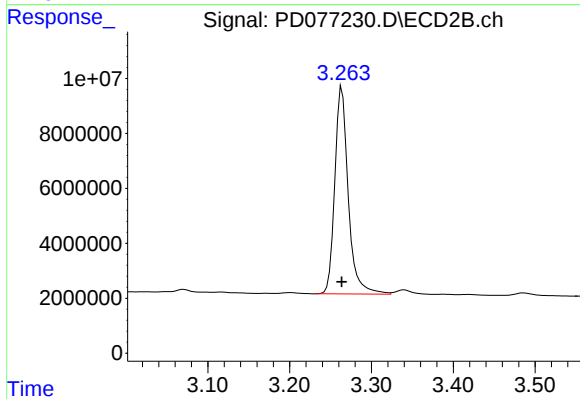
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 19723177
Conc: 14.48 ng/ml



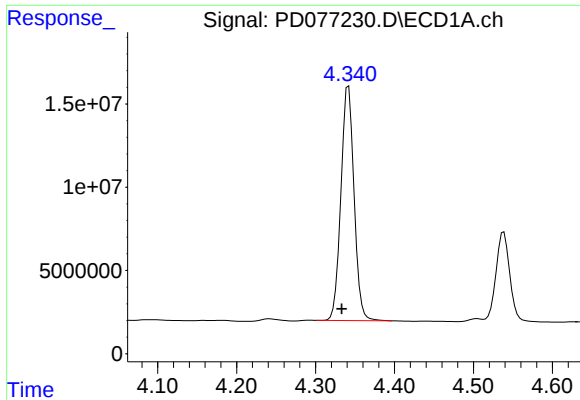
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.007 min
Response: 175275539
Conc: 45.65 ng/ml m



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 86294550
Conc: 44.61 ng/ml



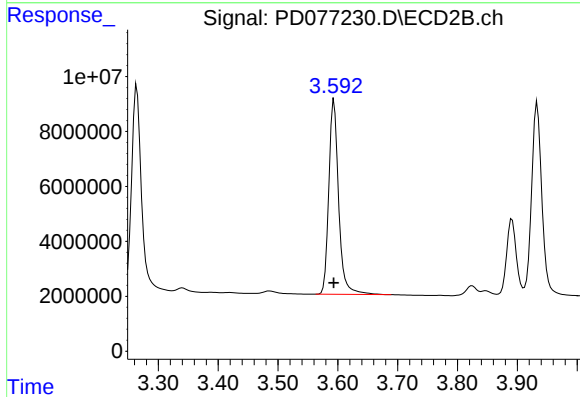
#3 gamma-BHC (Lindane)

R.T.: 4.342 min
Delta R.T.: 0.009 min
Response: 162832796
Conc: 44.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

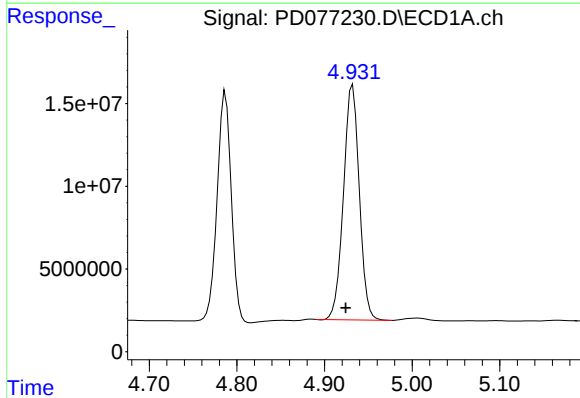
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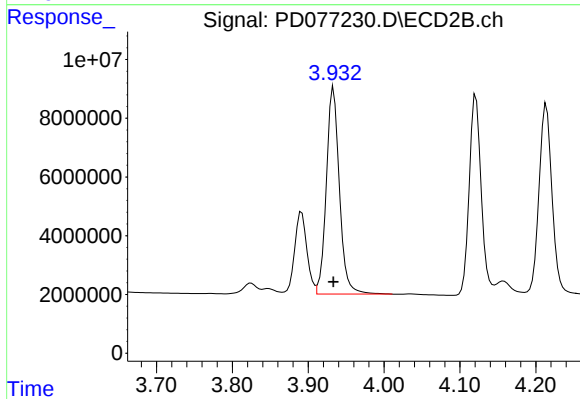
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 80624851
Conc: 43.34 ng/ml



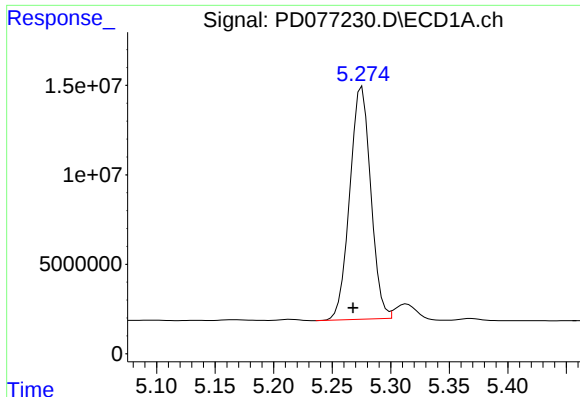
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.008 min
Response: 178283399
Conc: 49.44 ng/ml



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 84269232
Conc: 46.39 ng/ml



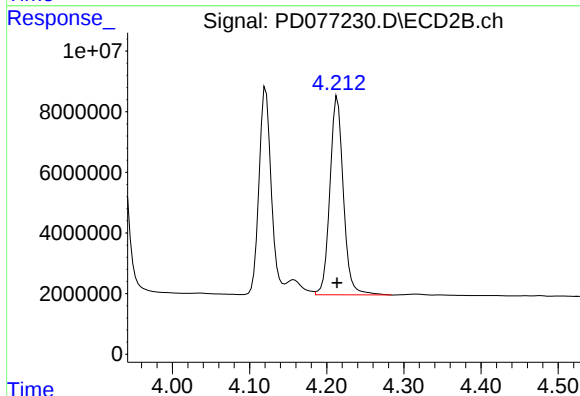
#5 Aldrin

R.T.: 5.275 min
Delta R.T.: 0.008 min
Response: 162130107
Conc: 43.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

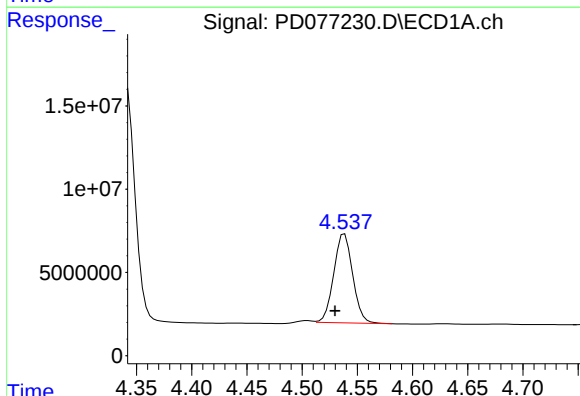
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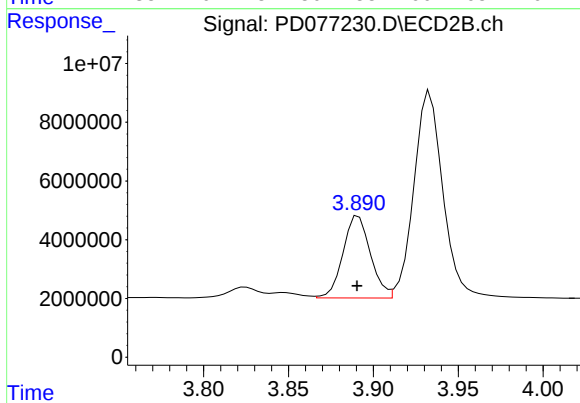
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 79796240
Conc: 43.10 ng/ml



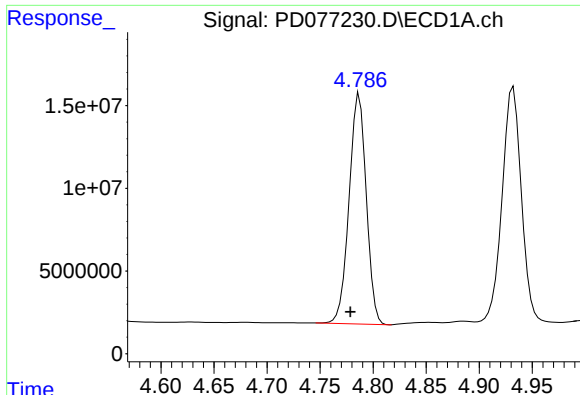
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.009 min
Response: 63756916
Conc: 42.37 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 31485863
Conc: 41.27 ng/ml



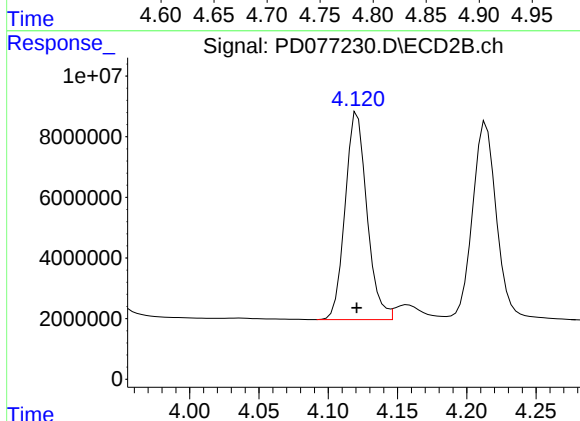
#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 156662183
Conc: 44.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

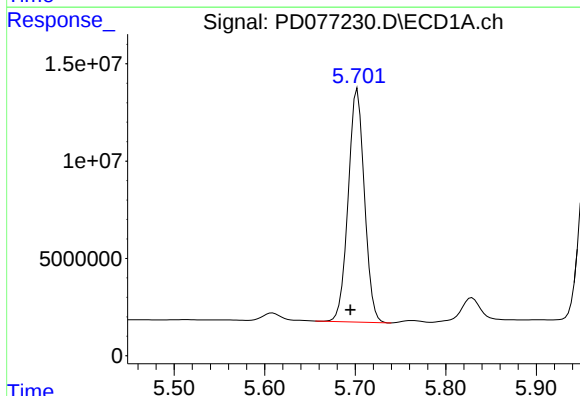
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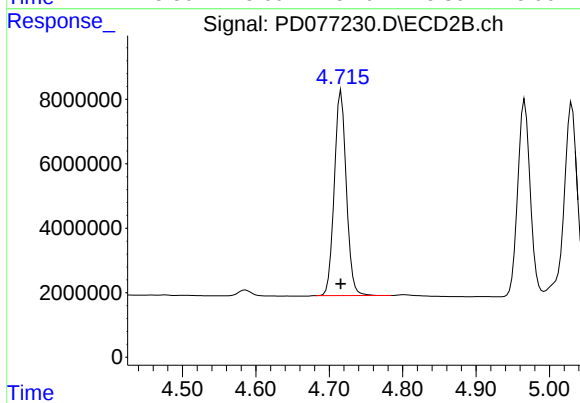
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 75063608
Conc: 42.19 ng/ml



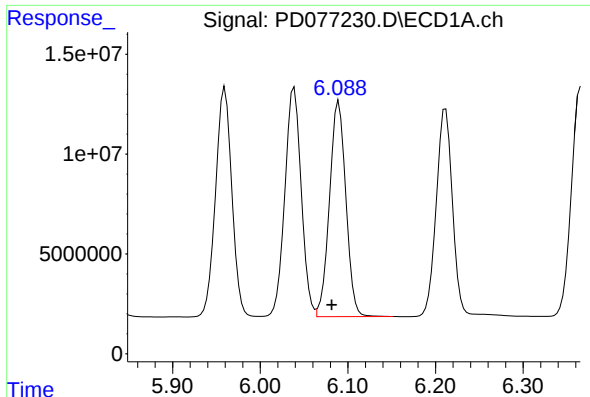
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.008 min
Response: 149343830
Conc: 45.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 72397726
Conc: 43.29 ng/ml



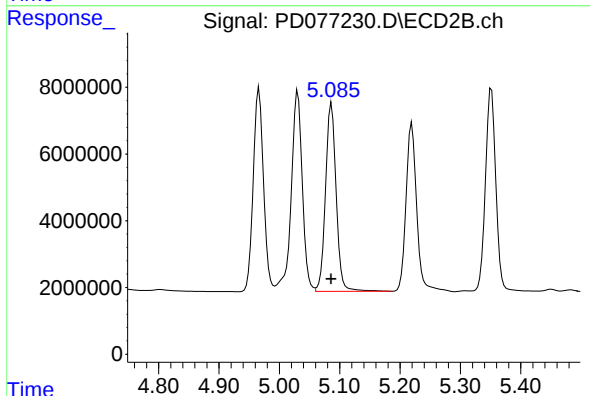
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.008 min
Response: 140198374
Conc: 46.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

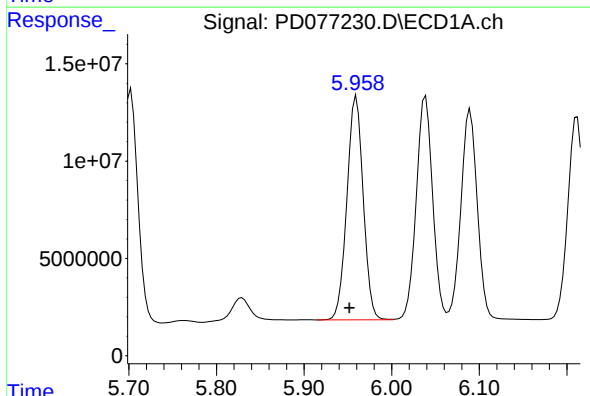
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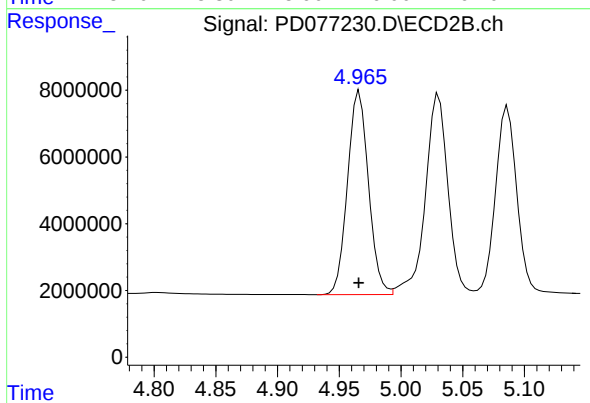
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 68939513
Conc: 44.19 ng/ml



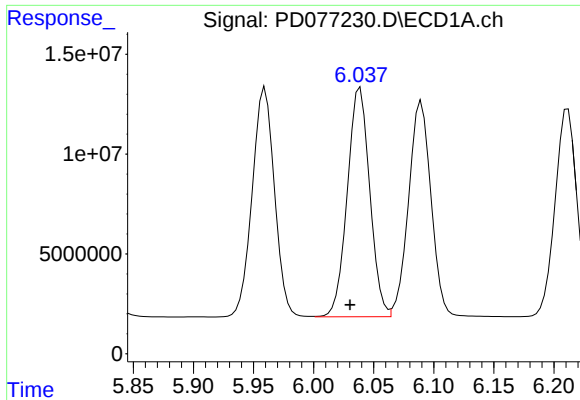
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.008 min
Response: 148507685
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 72295100
Conc: 43.58 ng/ml



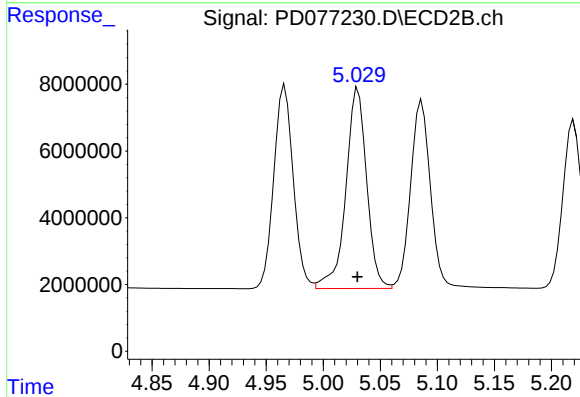
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.008 min
Response: 149467568
Conc: 45.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
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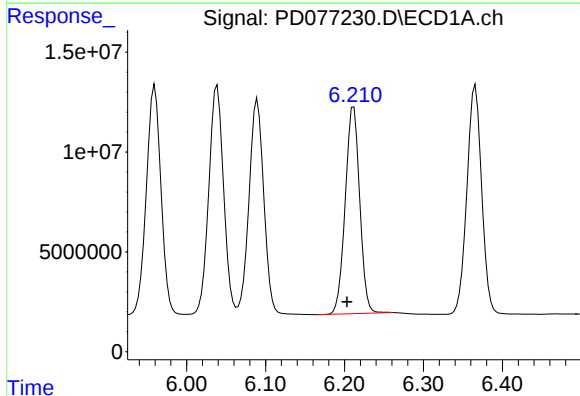
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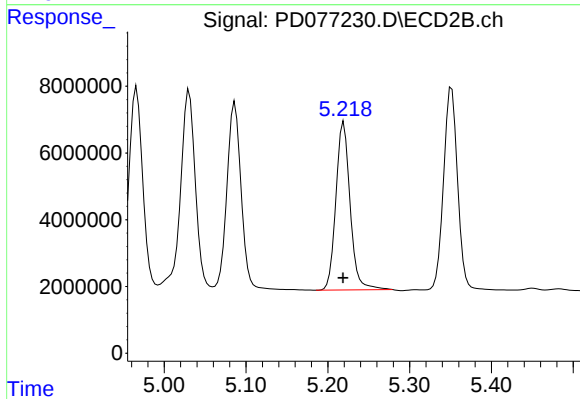
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 76420026
Conc: 45.76 ng/ml



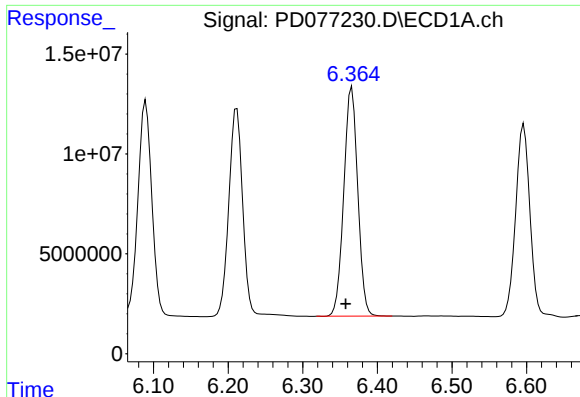
#12 4,4'-DDE

R.T.: 6.212 min
Delta R.T.: 0.008 min
Response: 132248118
Conc: 44.58 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 60877265
Conc: 41.98 ng/ml



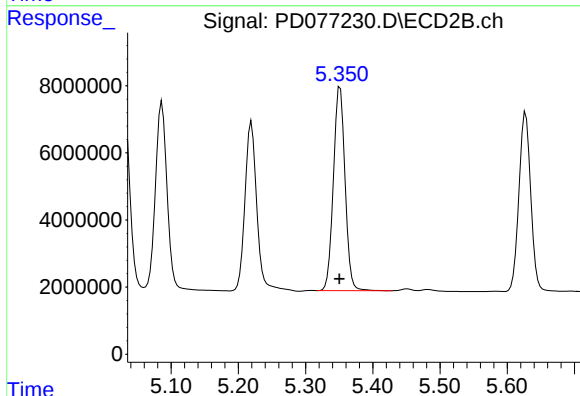
#13 Dieldrin

R.T.: 6.366 min
Delta R.T.: 0.008 min
Response: 149067424
Conc: 45.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
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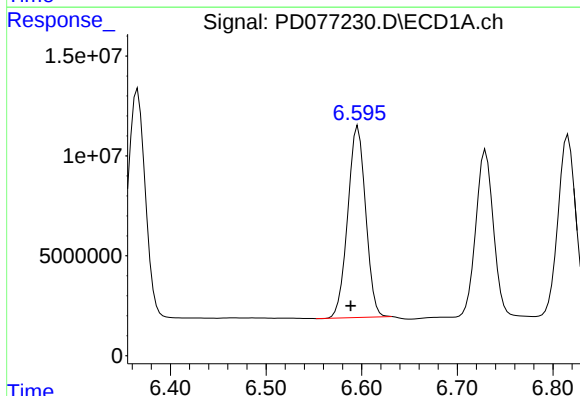
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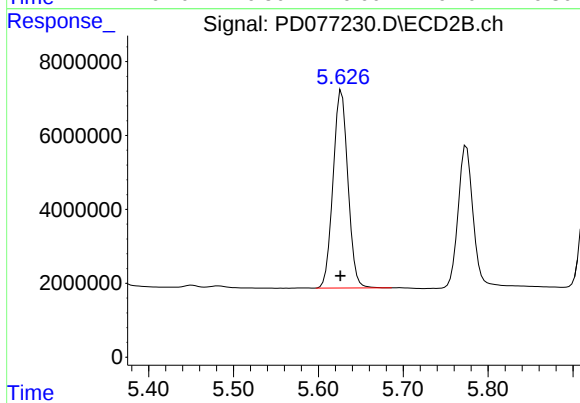
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: 0.001 min
Response: 72286200
Conc: 42.91 ng/ml



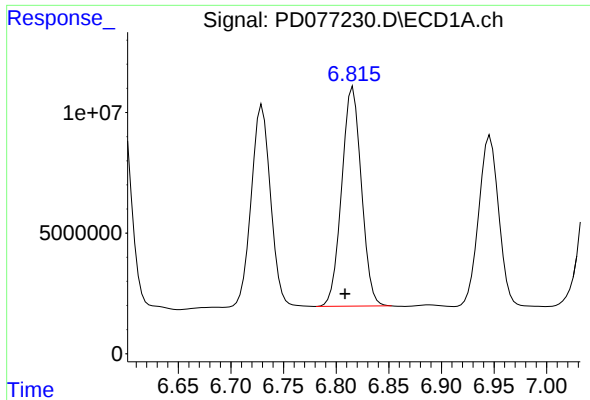
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.008 min
Response: 124992480
Conc: 44.98 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 65054010
Conc: 44.46 ng/ml



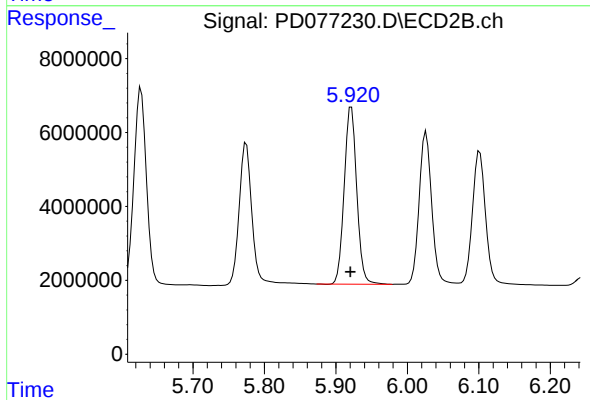
#15 Endosulfan II

R.T.: 6.816 min
Delta R.T.: 0.007 min
Response: 118418020
Conc: 37.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
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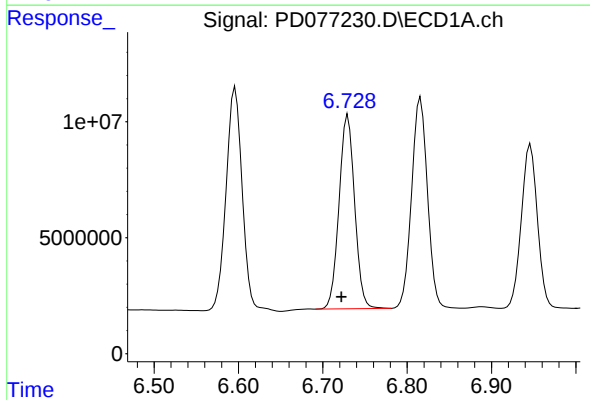
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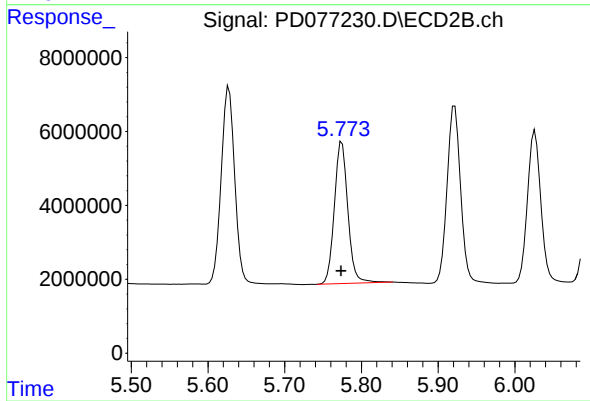
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.001 min
Response: 58577555
Conc: 39.74 ng/ml



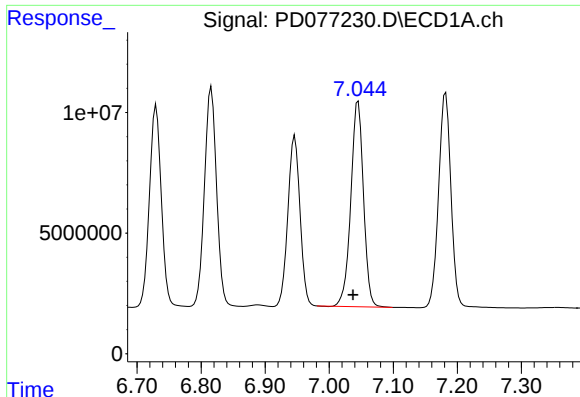
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: 0.008 min
Response: 107257328
Conc: 45.59 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.001 min
Response: 47015713
Conc: 42.28 ng/ml



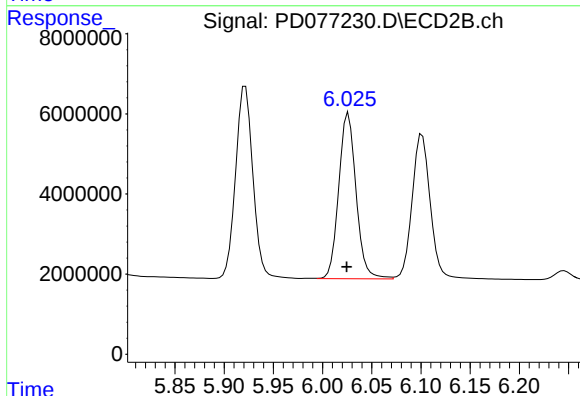
#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 116963233
Conc: 48.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

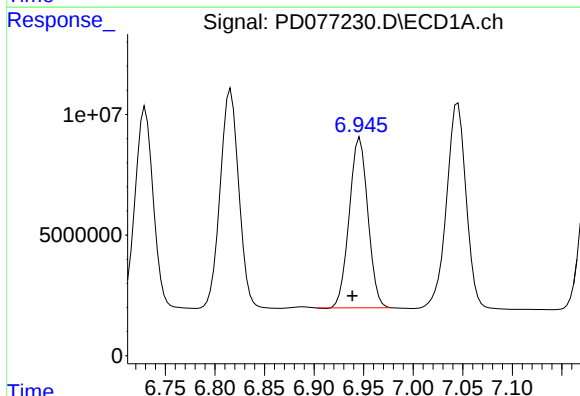
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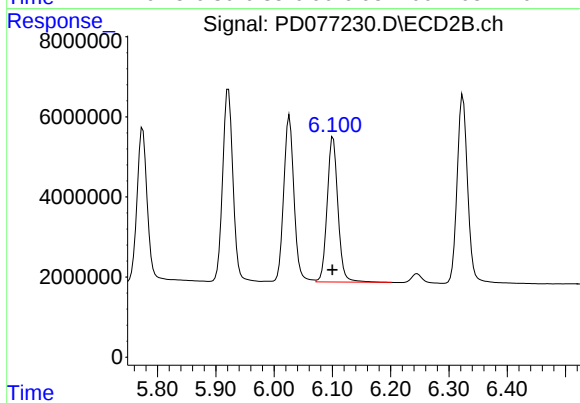
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 50777456
Conc: 45.68 ng/ml



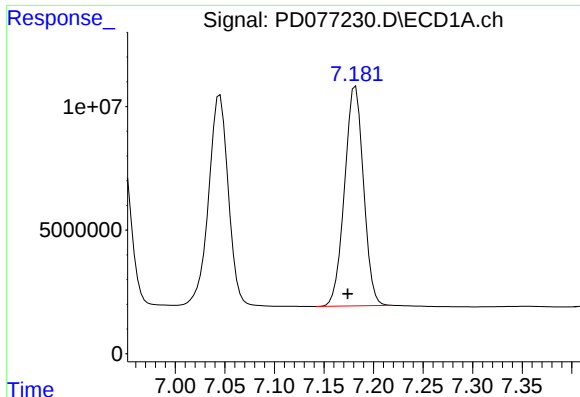
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.008 min
Response: 92442500
Conc: 42.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.001 min
Response: 46664326
Conc: 40.99 ng/ml



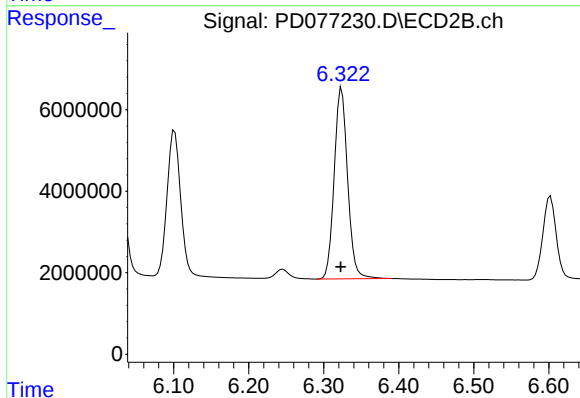
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: 0.008 min
Response: 118260042
Conc: 45.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
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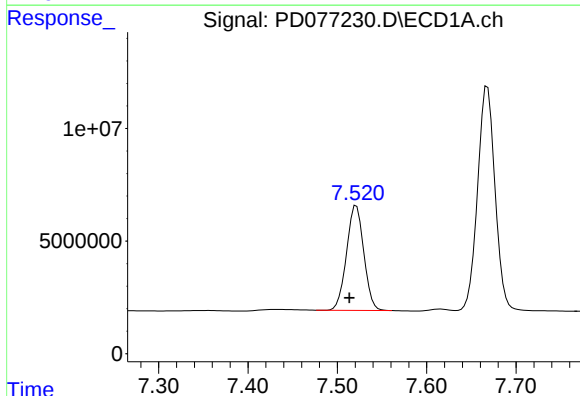
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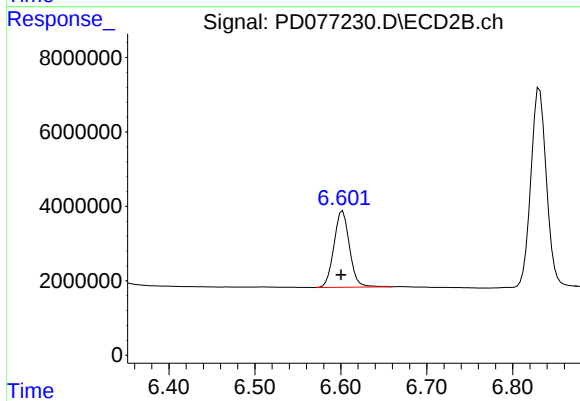
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.001 min
Response: 58329257
Conc: 43.73 ng/ml



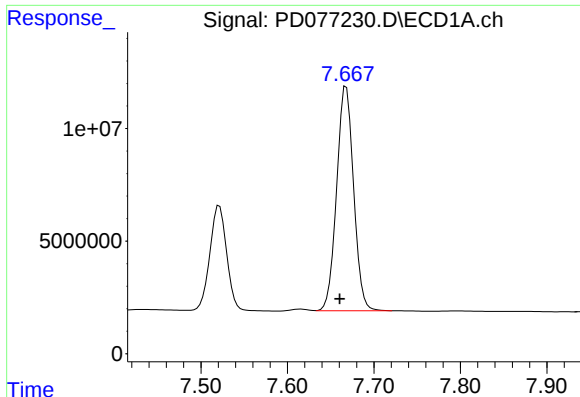
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.008 min
Response: 62464245
Conc: 44.09 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 25681470
Conc: 42.95 ng/ml



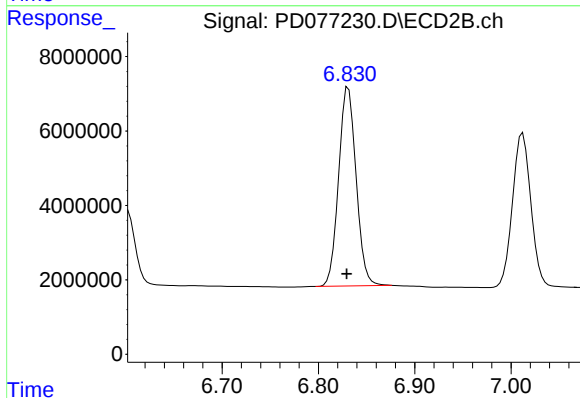
#21 Endrin ketone

R.T.: 7.668 min
Delta R.T.: 0.008 min
Response: 135170267
Conc: 44.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

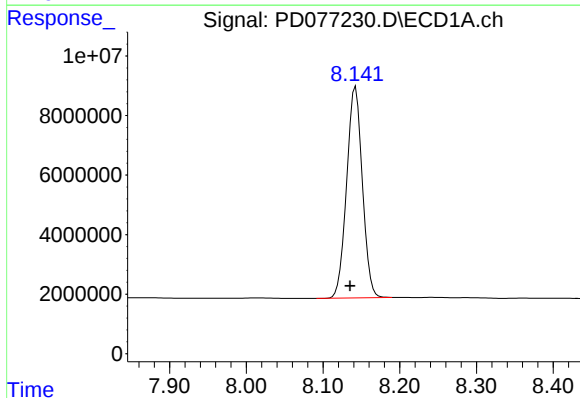
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/17/2023
Supervised By :Ankita Jodhani 08/17/2023



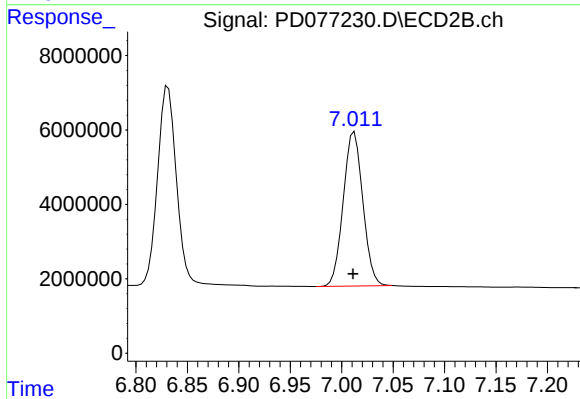
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 67450061
Conc: 42.54 ng/ml



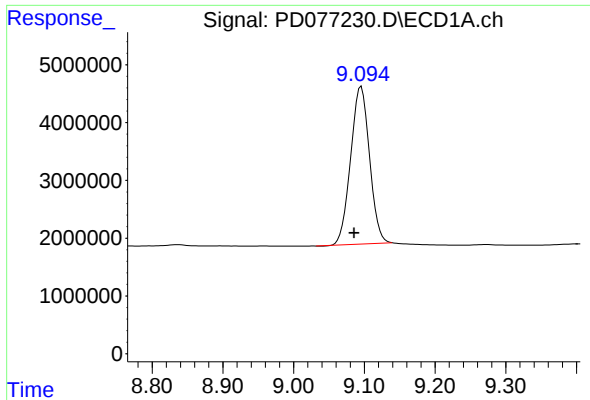
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.007 min
Response: 101541991
Conc: 44.52 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: 0.001 min
Response: 54895176
Conc: 42.40 ng/ml



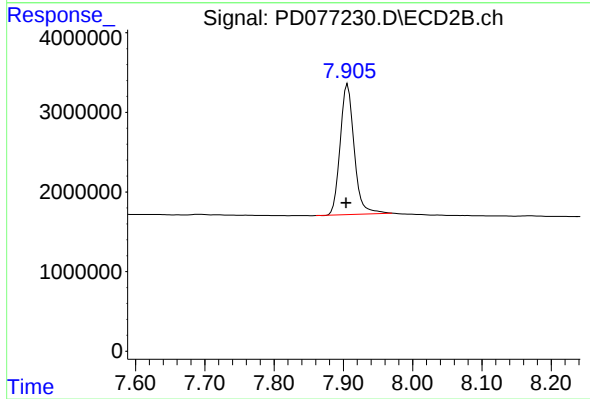
#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: 0.010 min
Response: 50622105
Conc: 18.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PNNL-APM2-0811-1MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 08/17/2023



#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 22980712
Conc: 16.06 ng/ml