

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082223\
 Data File : PD077330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 13:08
 Operator : AR\AJ
 Sample : 04100-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/23/2023
 Supervised By :Ankita Jodhani 08/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 00:51:04 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	21000655	16645734	8.874	12.220 #
28)	SA Decachlor...	9.082	7.902	28004487	14000139	10.220	9.783
Target Compounds							
2)	A alpha-BHC	4.001	3.264	118.8E6	57267200	30.940	29.605
3)	MA gamma-BHC...	4.333	3.594	112.4E6	52635684	30.528m	28.293
4)	MA Heptachlor	4.924	3.933	121.3E6	51978121	33.644m	28.612
5)	MB Aldrin	5.268	4.212	110.8E6	56221525	29.973	30.363
6)	B beta-BHC	4.532	3.891	42301844	21067834	28.111	27.615
7)	B delta-BHC	4.780	4.120	114.7E6	47831653	32.871	26.883
8)	B Heptachlo...	5.695	4.715	111.4E6	42175598	33.658	25.221 #
9)	A Endosulfan I	6.083	5.085	113.8E6	44314003	37.449	28.407
10)	B gamma-Chl...	5.951	4.965	102.9E6	48690588	31.601m	29.353
11)	B alpha-Chl...	6.031	5.029	119.8E6	44613503	36.546	26.715 #
12)	B 4,4'-DDE	6.205	5.218	100.6E6	48999355	33.921	33.789
13)	MA Dieldrin	6.358	5.350	105.6E6	52529252	32.245	31.183
14)	MA Endrin	6.587	5.625	97366981	44054178	35.041m	30.108
15)	B Endosulfa...	6.809	5.917	78701785	54223045	24.735	36.785m#
16)	A 4,4'-DDD	6.720	5.771	112.8E6	34673977	47.955m	31.180m#
17)	MA 4,4'-DDT	7.036	6.024	100.5E6	40122716	41.316m	36.095
18)	B Endrin al...	6.939	6.099	73360495	28672430	33.582	25.187
19)	B Endosulfa...	7.174	6.322	89161235	50404399	34.222	37.793
20)	A Methoxychlor	7.515	6.599	58108223	21050084	41.012	35.204
21)	B Endrin ke...	7.659	6.829	117.5E6	43387728	39.025m	27.365 #
22)	Mirex	8.133	7.009	99068475	31933057	43.434m	24.663 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082223\
Data File : PD077330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2023 13:08
Operator : AR\AJ
Sample : 04100-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

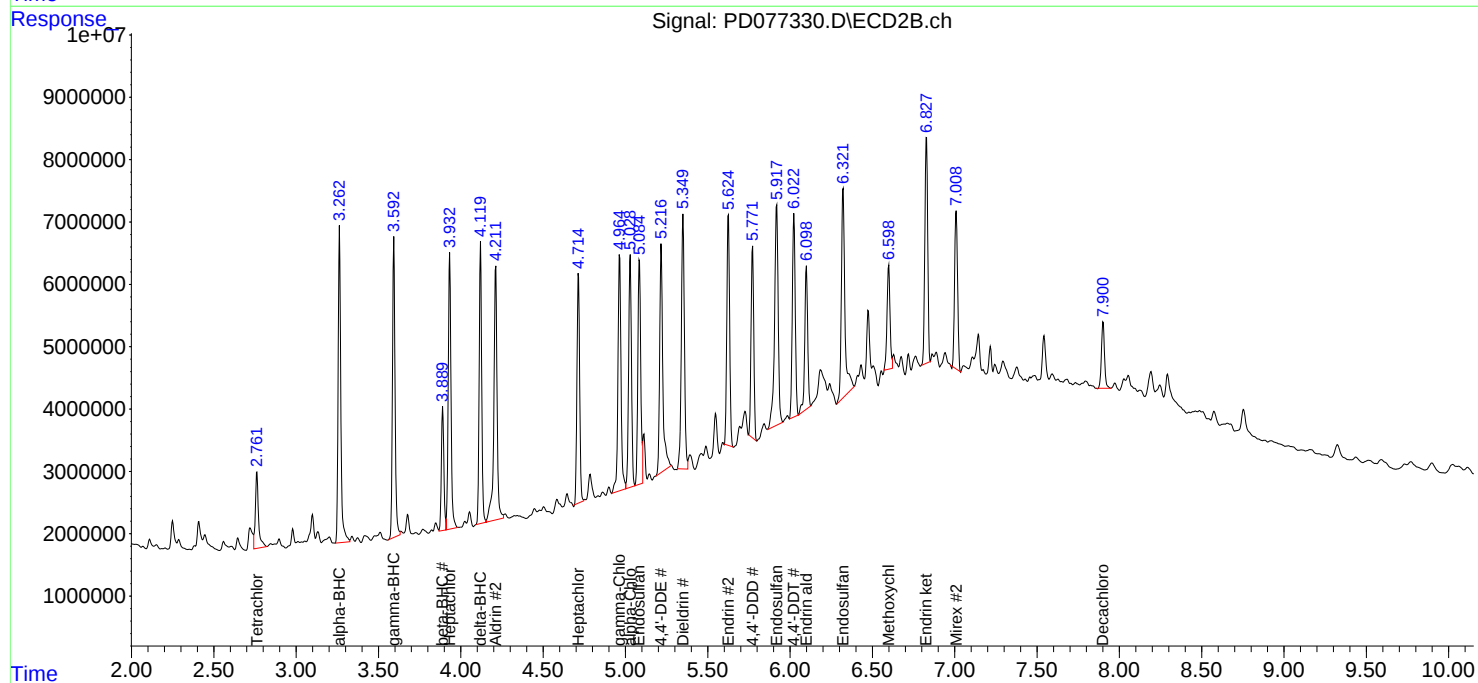
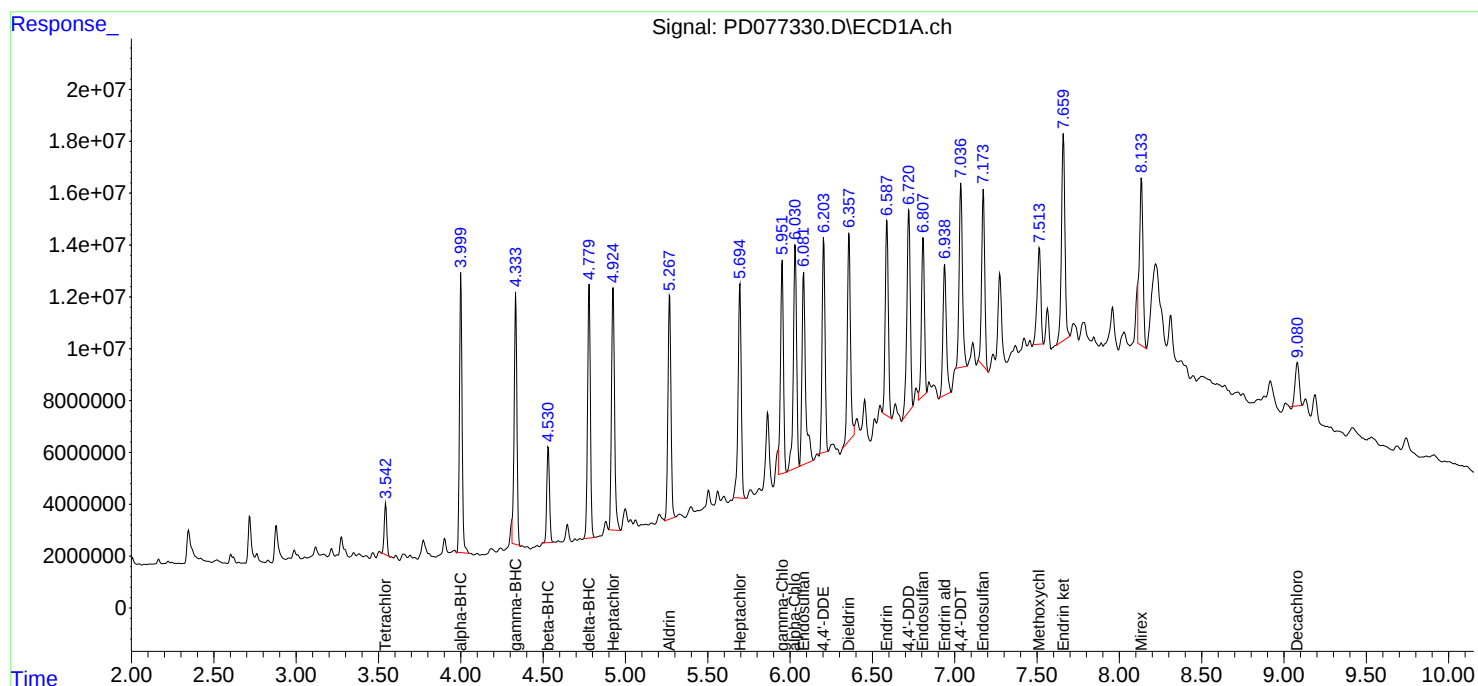
Instrument :
ECD_D
ClientSampleId :
WC-1MS

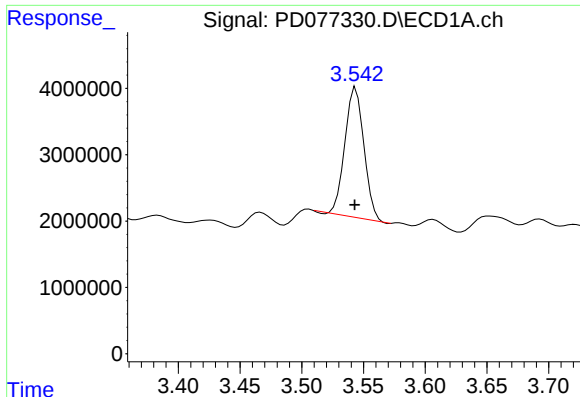
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 00:51:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 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





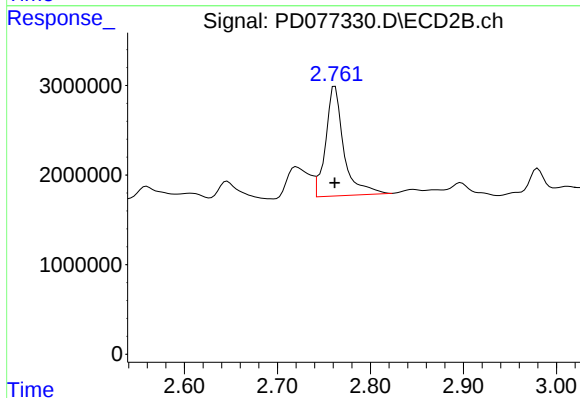
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 21000655
Conc: 8.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

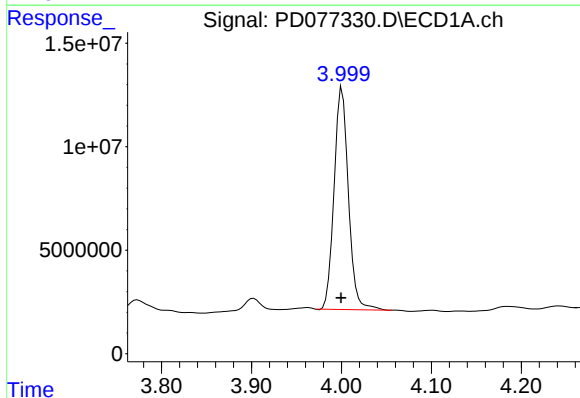
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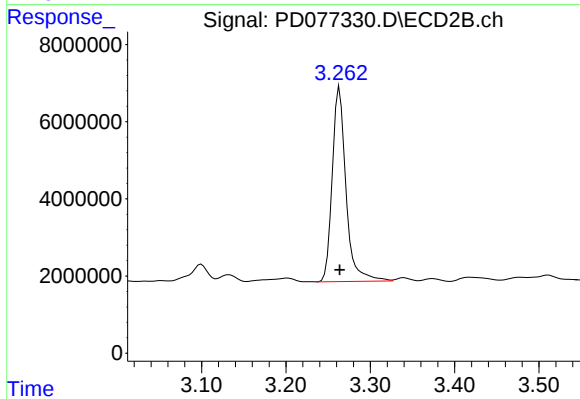
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 16645734
Conc: 12.22 ng/ml



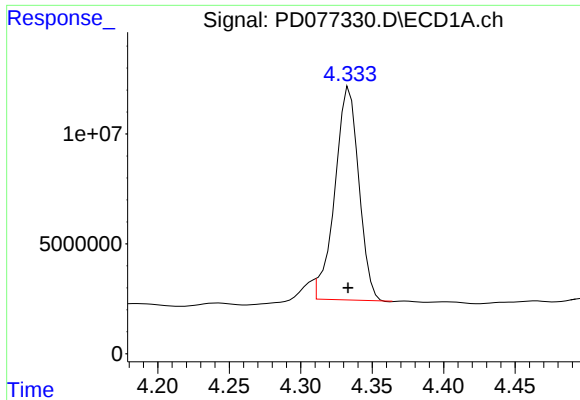
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.001 min
Response: 118800323
Conc: 30.94 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 57267200
Conc: 29.61 ng/ml



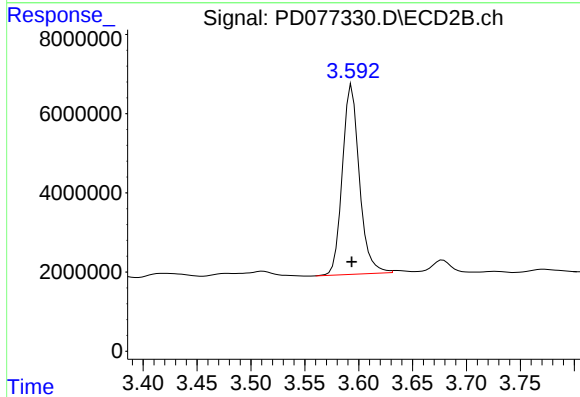
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 112365659
Conc: 30.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

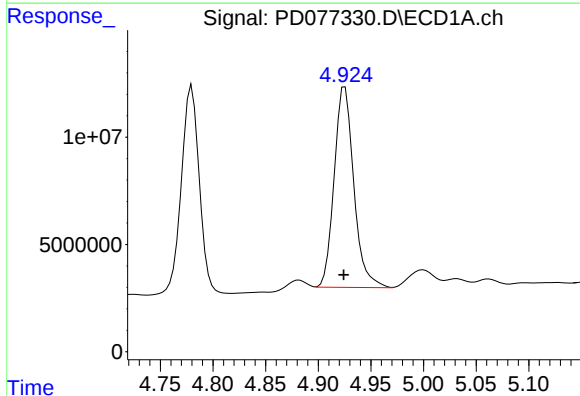
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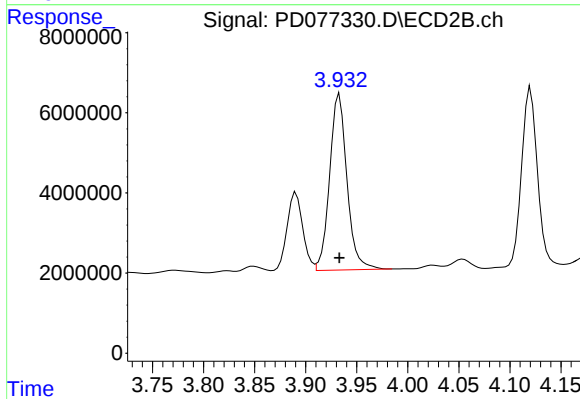
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 52635684
Conc: 28.29 ng/ml



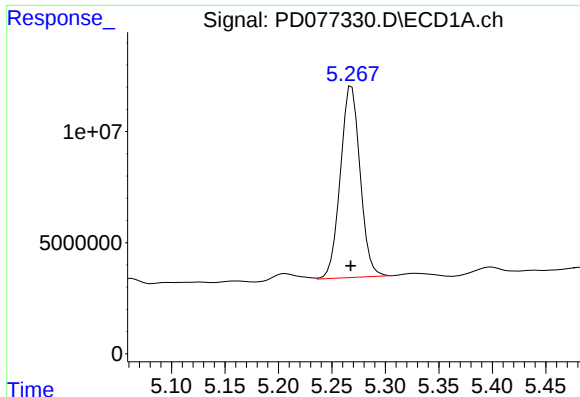
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 121322589
Conc: 33.64 ng/ml m



#4 Heptachlor

R.T.: 3.933 min
Delta R.T.: 0.000 min
Response: 51978121
Conc: 28.61 ng/ml



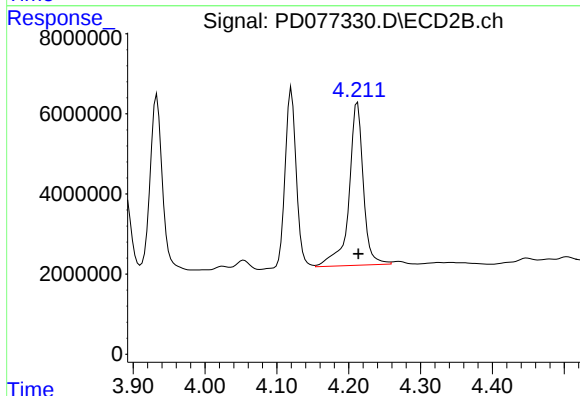
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 110769556
Conc: 29.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

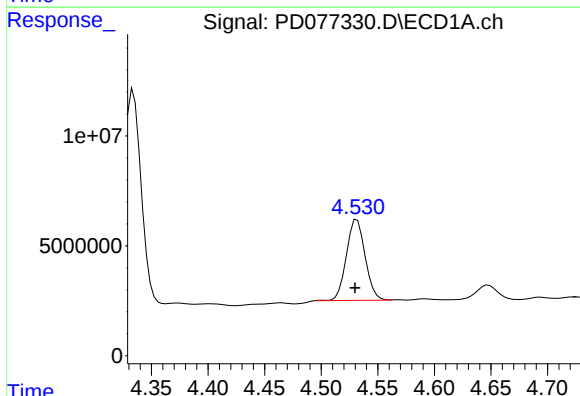
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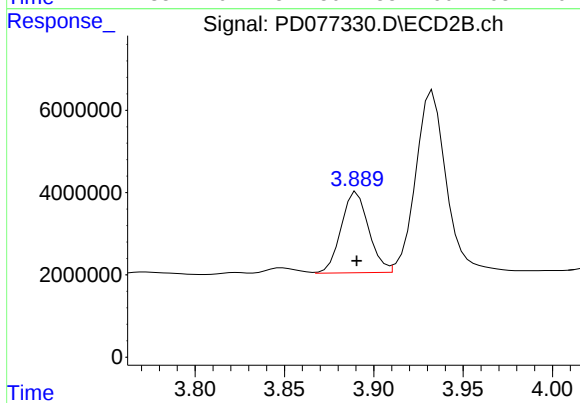
#5 Aldrin

R.T.: 4.212 min
Delta R.T.: -0.001 min
Response: 56221525
Conc: 30.36 ng/ml



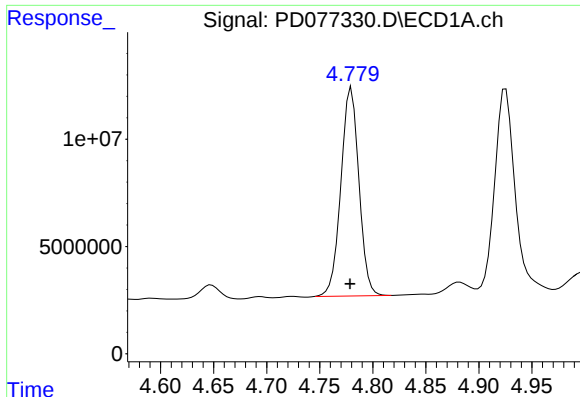
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 42301844
Conc: 28.11 ng/ml



#6 beta-BHC

R.T.: 3.891 min
Delta R.T.: 0.000 min
Response: 21067834
Conc: 27.62 ng/ml



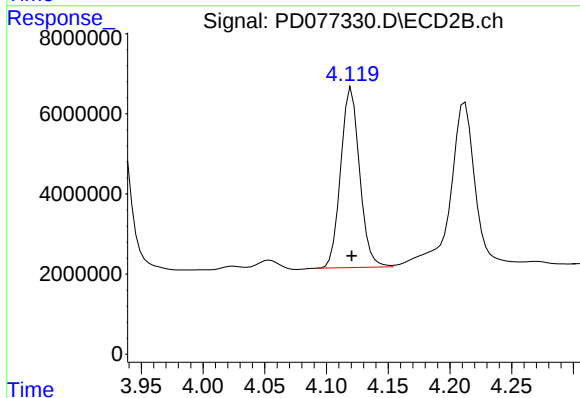
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 114675208
Conc: 32.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

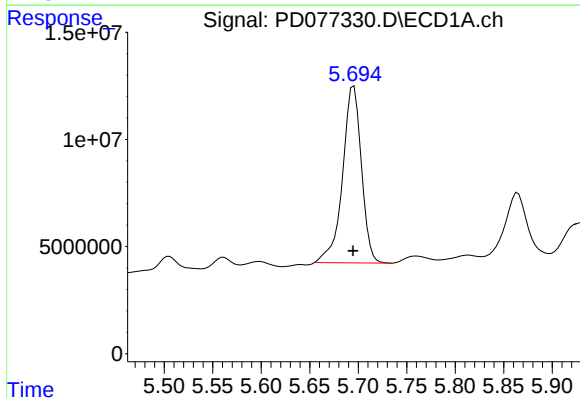
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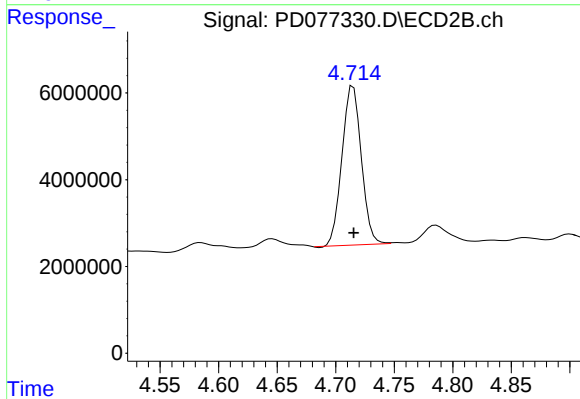
#7 delta-BHC

R.T.: 4.120 min
Delta R.T.: 0.000 min
Response: 47831653
Conc: 26.88 ng/ml



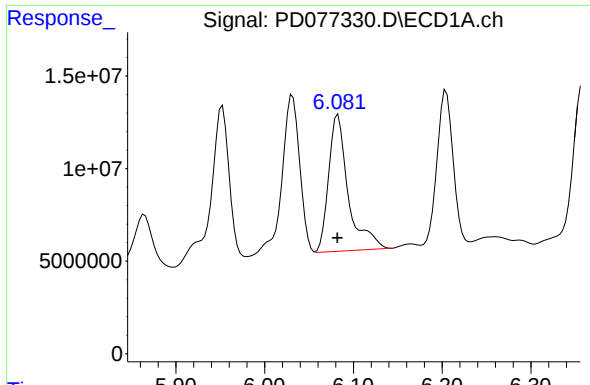
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 111446493
Conc: 33.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 42175598
Conc: 25.22 ng/ml



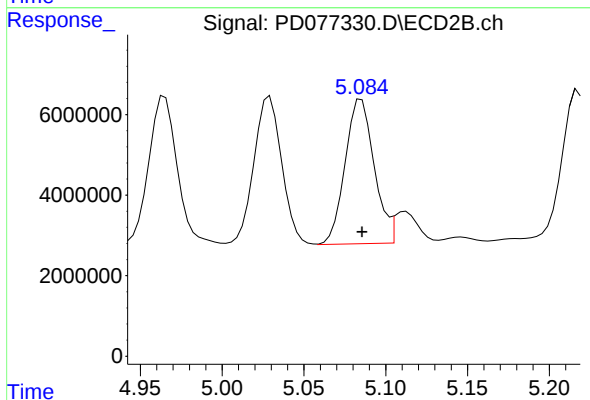
#9 Endosulfan I

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 113813165
Conc: 37.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

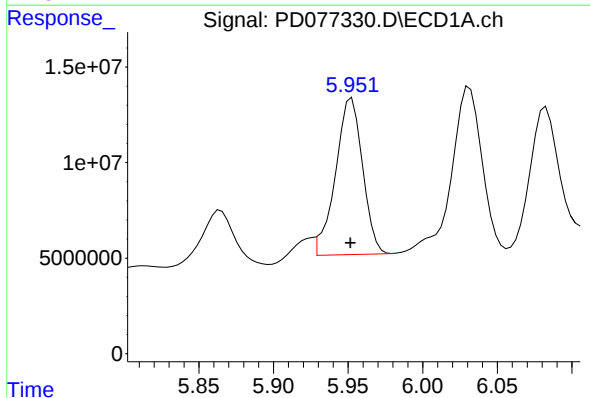
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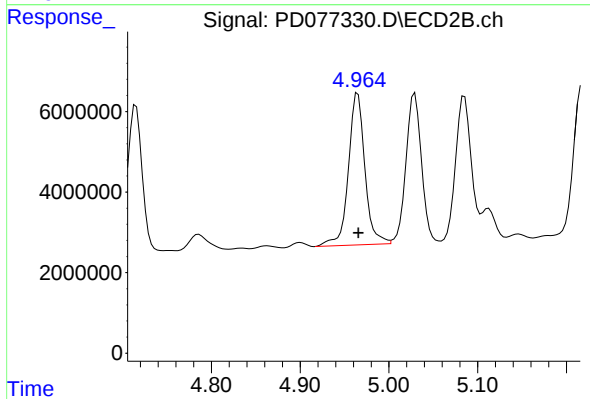
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 44314003
Conc: 28.41 ng/ml



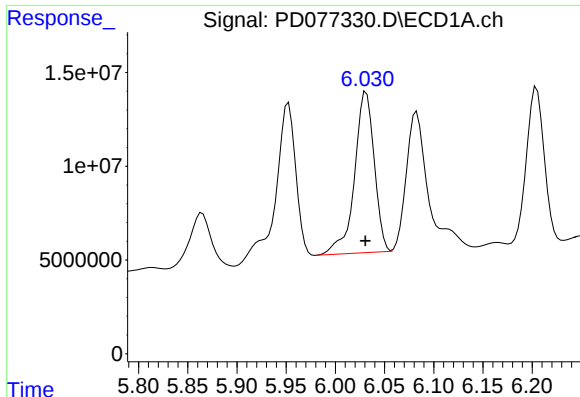
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 102851599
Conc: 31.60 ng/ml m



#10 gamma-Chlordane

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 48690588
Conc: 29.35 ng/ml



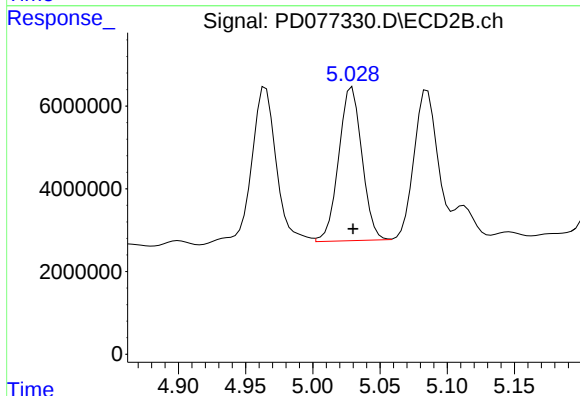
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.001 min
Response: 119841460
Conc: 36.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

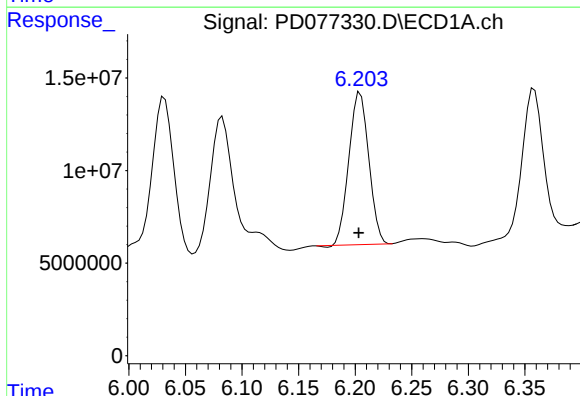
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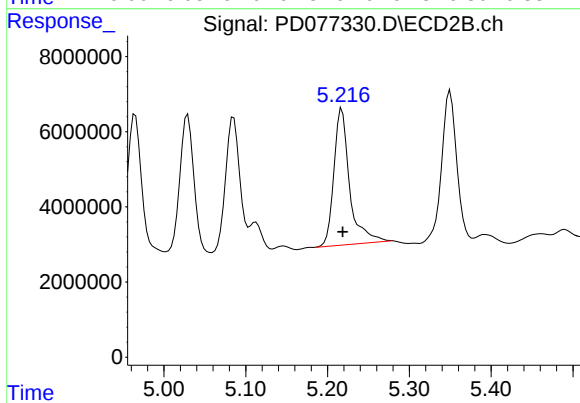
#11 alpha-Chlordane

R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 44613503
Conc: 26.72 ng/ml



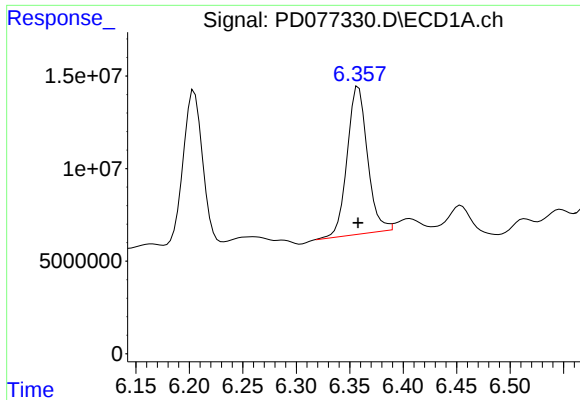
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.001 min
Response: 100625865
Conc: 33.92 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 48999355
Conc: 33.79 ng/ml



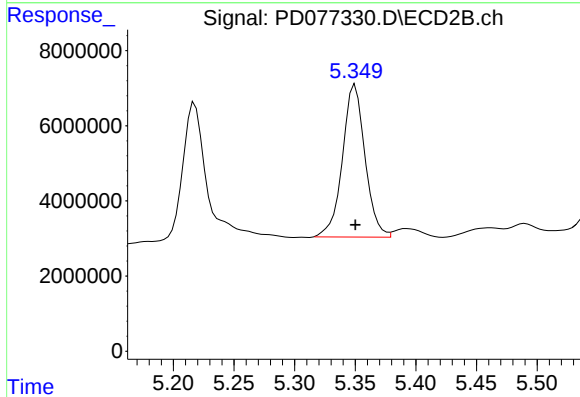
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 105562816
Conc: 32.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

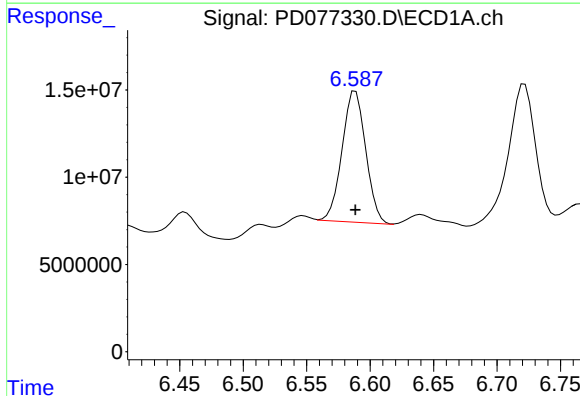
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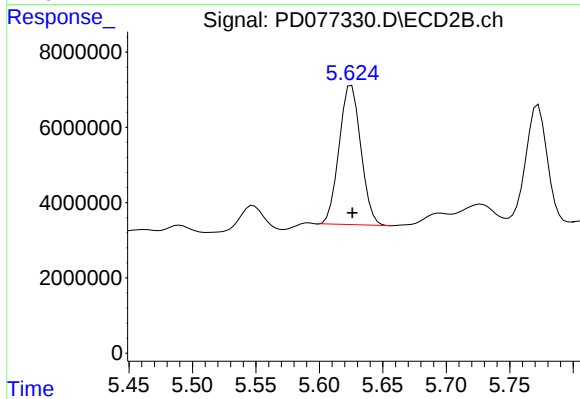
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 52529252
Conc: 31.18 ng/ml



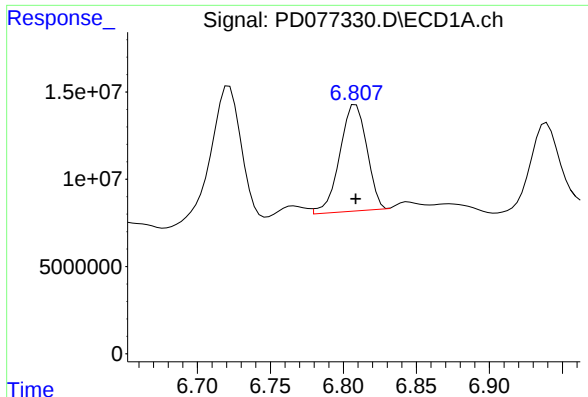
#14 Endrin

R.T.: 6.587 min
Delta R.T.: -0.001 min
Response: 97366981
Conc: 35.04 ng/ml m



#14 Endrin

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 44054178
Conc: 30.11 ng/ml



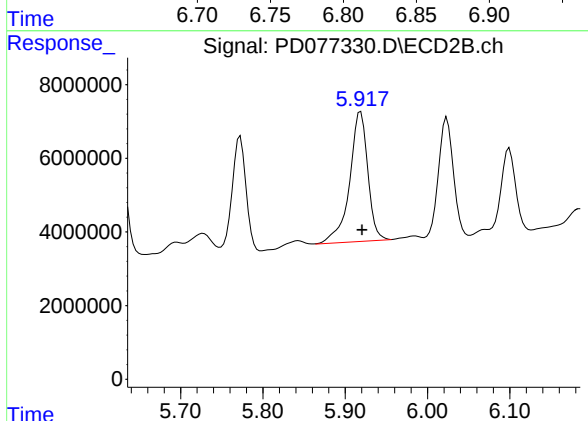
#15 Endosulfan II

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 78701785
Conc: 24.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

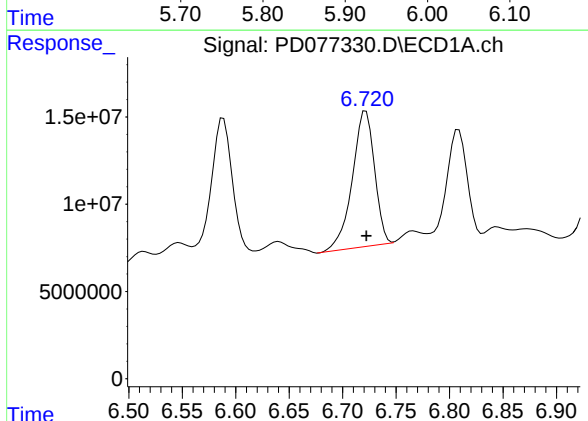
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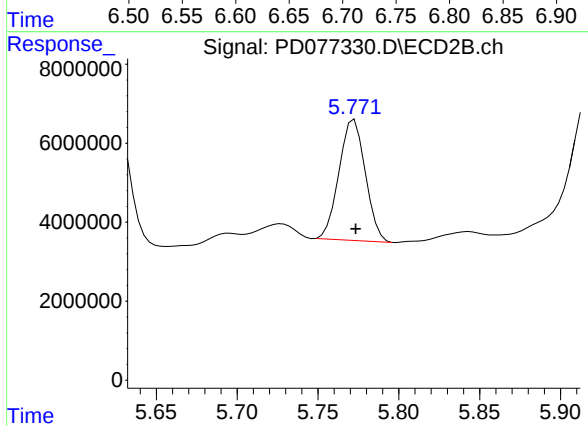
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 54223045
Conc: 36.79 ng/ml m



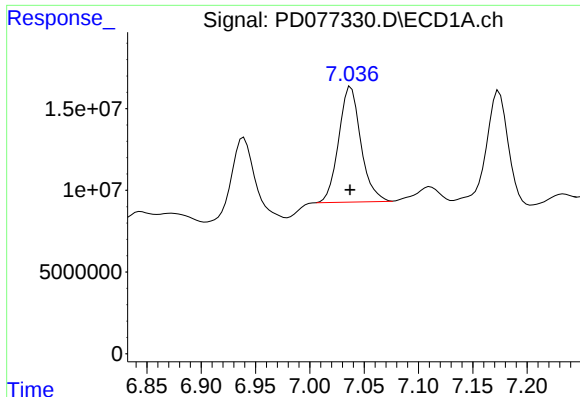
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 112819651
Conc: 47.96 ng/ml m



#16 4,4'-DDD

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 34673977
Conc: 31.18 ng/ml m



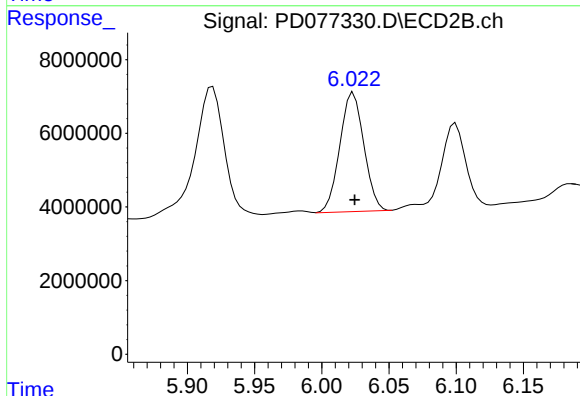
#17 4,4'-DDT

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 100464962
Conc: 41.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
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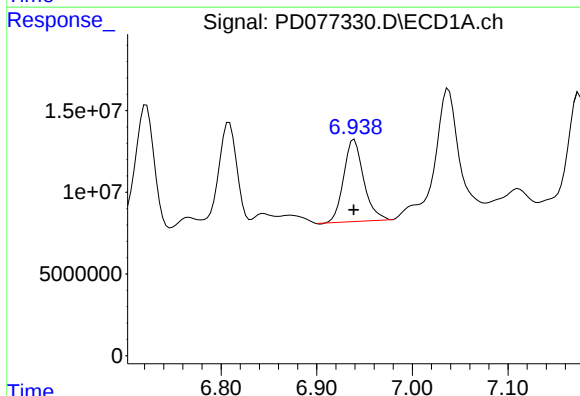
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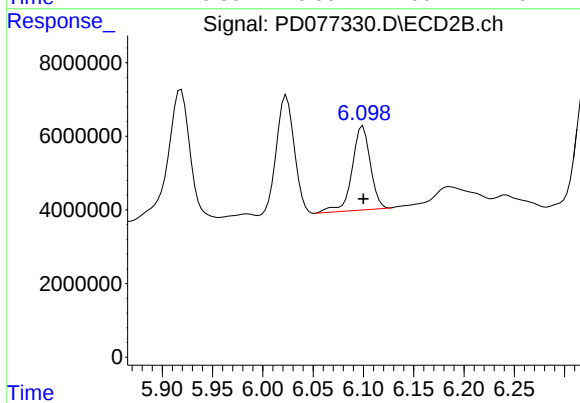
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 40122716
Conc: 36.10 ng/ml



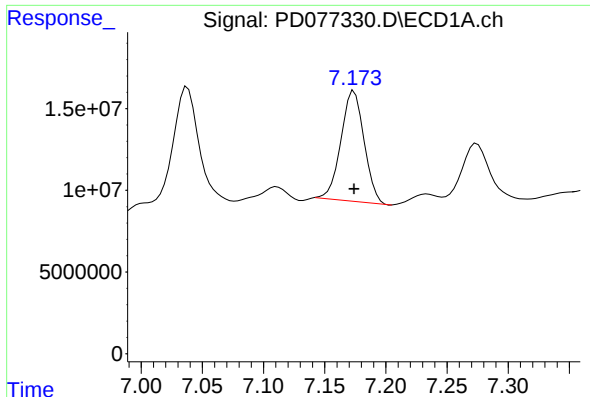
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 73360495
Conc: 33.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 28672430
Conc: 25.19 ng/ml



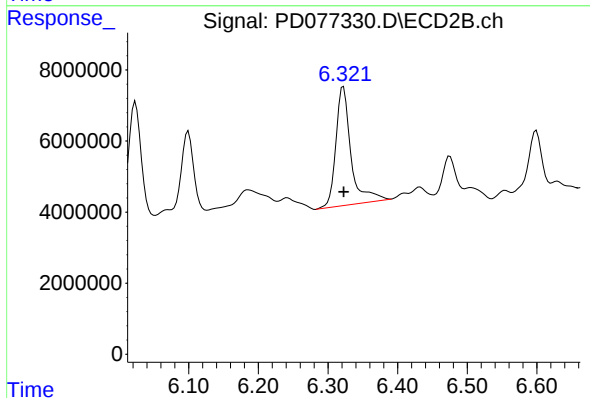
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 89161235
Conc: 34.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

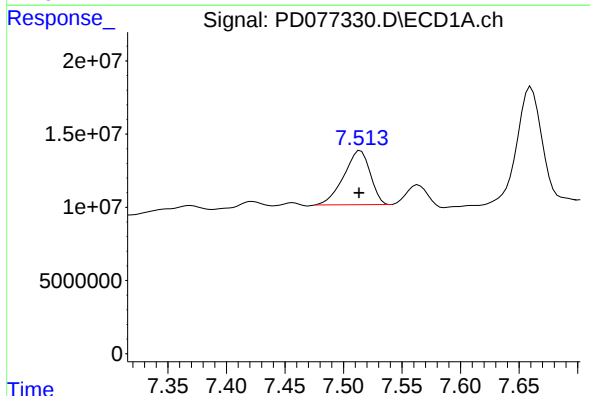
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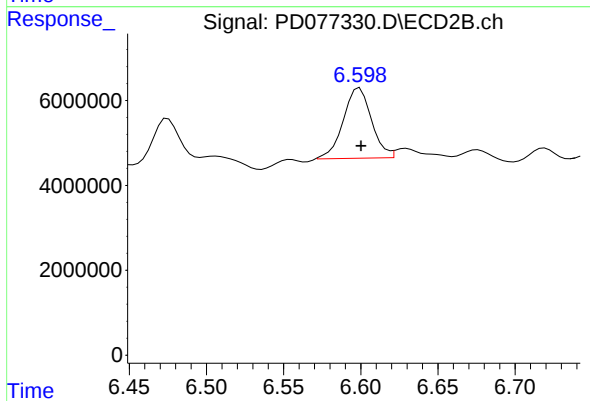
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 50404399
Conc: 37.79 ng/ml



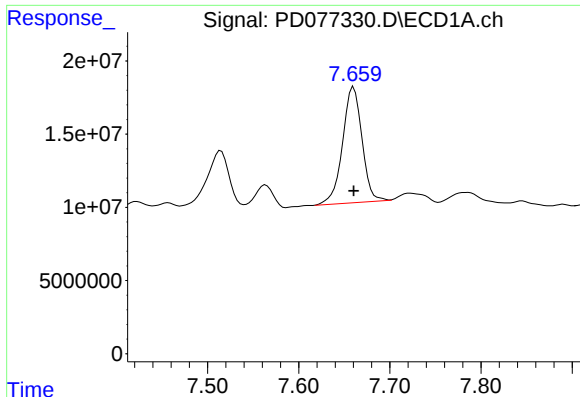
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.001 min
Response: 58108223
Conc: 41.01 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 21050084
Conc: 35.20 ng/ml



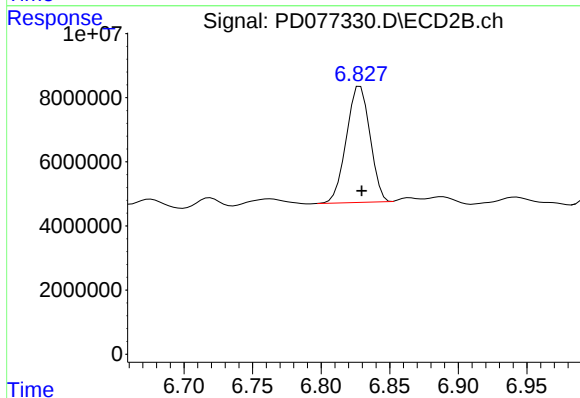
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: -0.002 min
Response: 117533542
Conc: 39.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

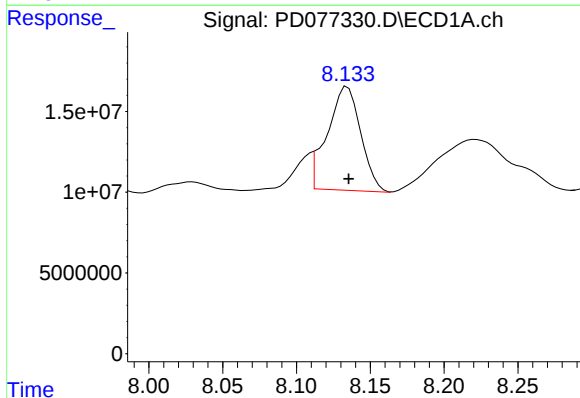
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/23/2023
Supervised By :Ankita Jodhani 08/23/2023



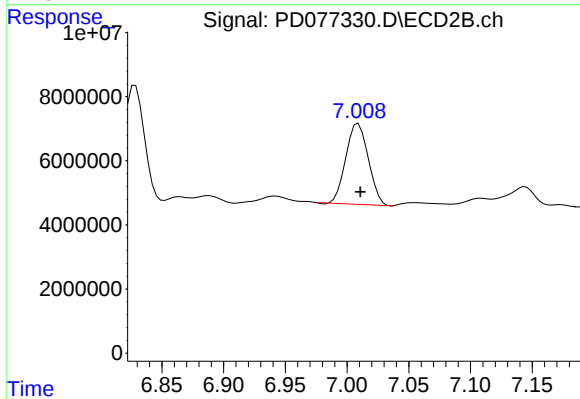
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 43387728
Conc: 27.37 ng/ml



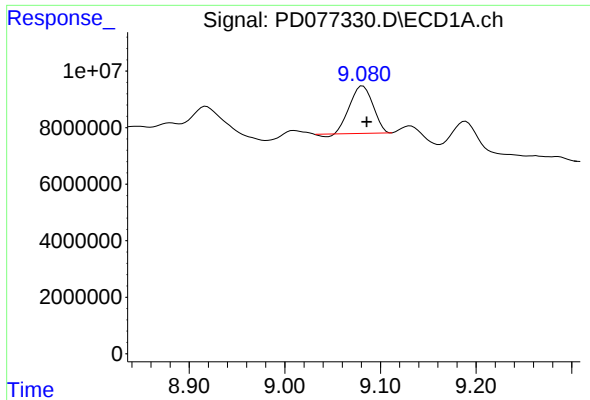
#22 Mirex

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 99068475
Conc: 43.43 ng/ml m



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 31933057
Conc: 24.66 ng/ml



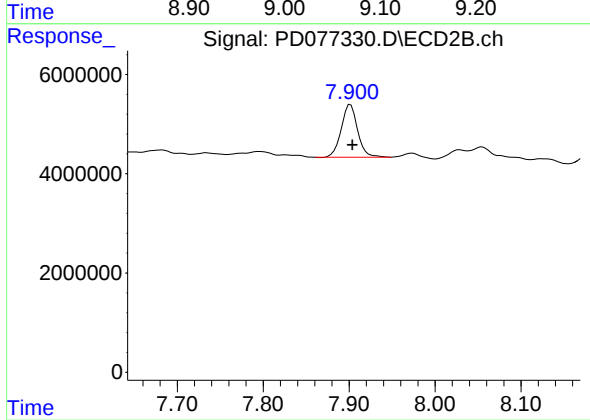
#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.004 min
Response: 28004487
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 14000139
Conc: 9.78 ng/ml