

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 16:42
 Operator : AR\AJ
 Sample : 05090-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 22:10:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.570	2.807	23914160	38829460	14.811	16.771
2)	SA Decachlor...	9.117	7.955	21167682	26084358	10.552	10.701
Target Compounds							
2)	A alpha-BHC	4.027	3.310	119.5E6	161.3E6	44.884	46.505
3)	MA gamma-BHC...	4.360	3.640	115.9E6	159.4E6	44.581	46.926
4)	MA Heptachlor	4.953	3.983	114.9E6	149.4E6	42.947	48.930
5)	MB Aldrin	5.297	4.264	113.0E6	157.9E6	43.865	48.277
6)	B beta-BHC	4.553	3.934	48084992	63612423	44.873	45.144
7)	B delta-BHC	4.801	4.166	115.9E6	159.1E6	43.287m	47.510
8)	B Heptachlo...	5.723	4.765	102.1E6	138.7E6	43.547	46.783
9)	A Endosulfan I	6.110	5.136	97770857	121.8E6	45.099	45.987
10)	B gamma-Chl...	5.979	5.016	104.5E6	145.2E6	45.565	50.593
11)	B alpha-Chl...	6.059	5.080	107.6E6	140.7E6	47.194	49.020
12)	B 4,4'-DDE	6.229	5.270	91699187	133.8E6	43.396	50.266
13)	MA Dieldrin	6.386	5.401	102.5E6	147.2E6	43.999	49.560
14)	MA Endrin	6.616	5.676	84656189	129.4E6	43.467	50.582
15)	B Endosulfa...	6.833	5.968	88754965	114.3E6	43.515	45.802
16)	A 4,4'-DDD	6.746	5.823	80731632	97219909	45.924	42.561
17)	MA 4,4'-DDT	7.062	6.075	85564657	115.9E6	45.185	50.629
18)	B Endrin al...	6.962	6.148	65019882	90306531	42.103m	48.570
19)	B Endosulfa...	7.198	6.370	84045085	110.1E6	42.273	47.176
20)	A Methoxychlor	7.536	6.650	42982251	61929987	39.225	45.616
21)	B Endrin ke...	7.684	6.877	91408011	124.4E6	41.927	44.508
22)	Mirex	8.159	7.063	77234310	109.8E6	45.629m	51.393

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:42
Operator : AR\AJ
Sample : 05090-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

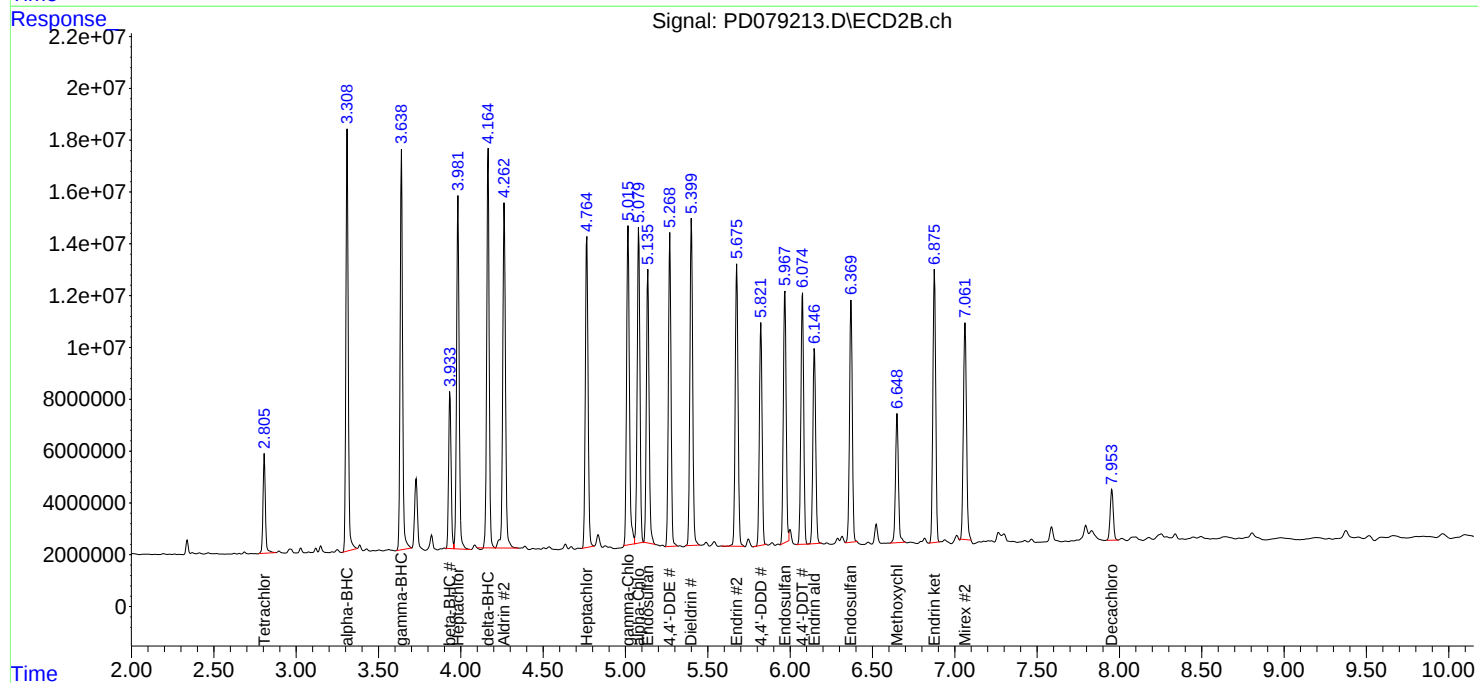
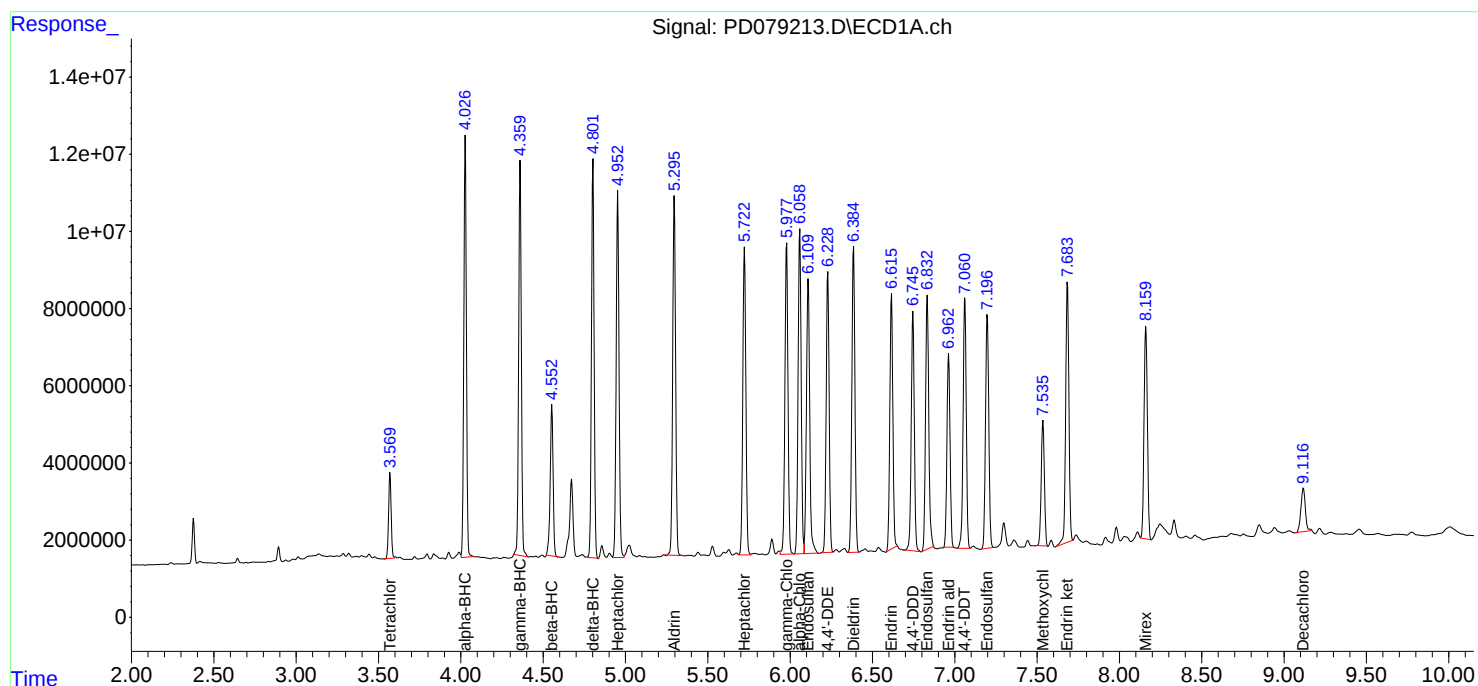
Instrument :
ECD_D
ClientSampleId :
WC-1MS

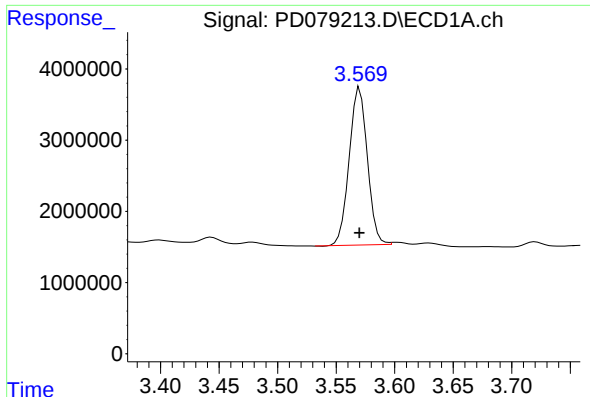
Manual Integrations
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Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:10:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
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Volume Inj. : 1 µl
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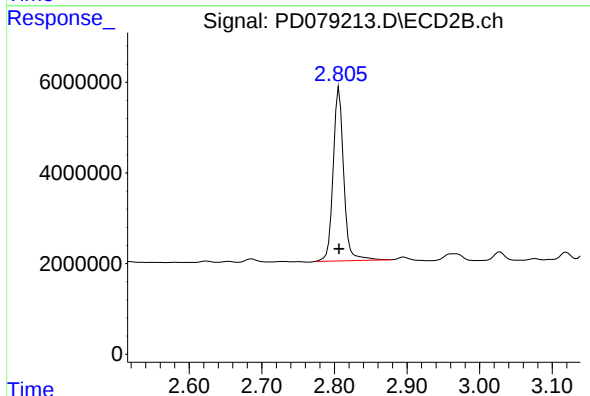
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 23914160
Conc: 14.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

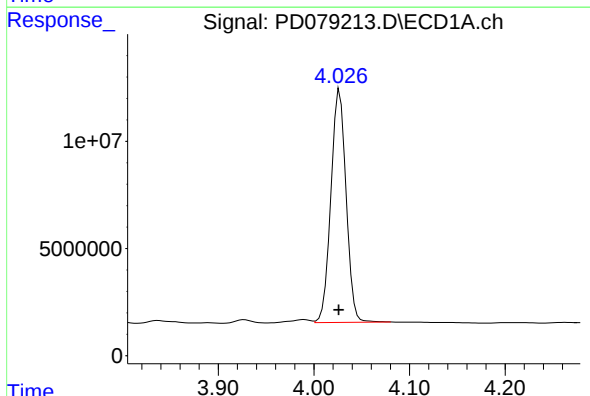
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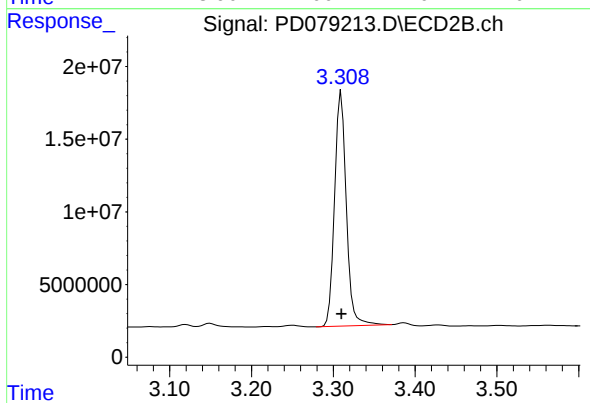
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 38829460
Conc: 16.77 ng/ml



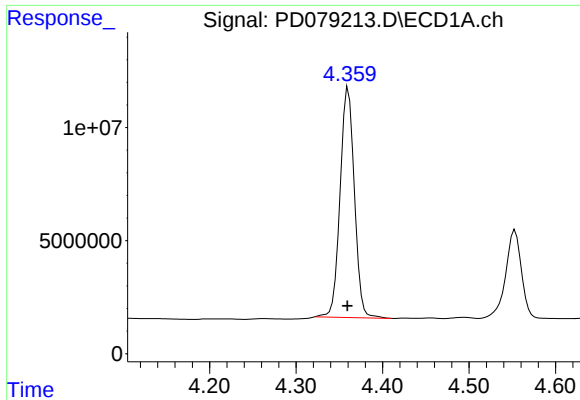
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.001 min
Response: 119483306
Conc: 44.88 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 161253581
Conc: 46.51 ng/ml



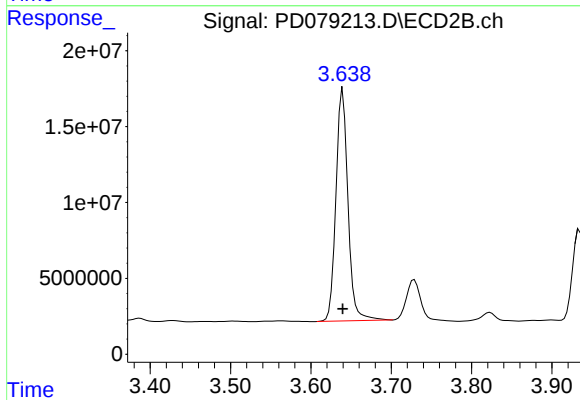
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.001 min
Response: 115859627
Conc: 44.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

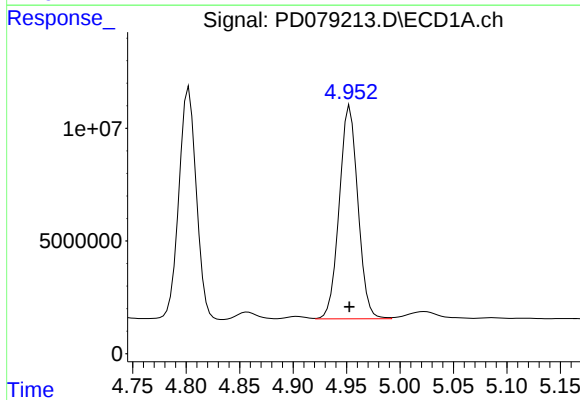
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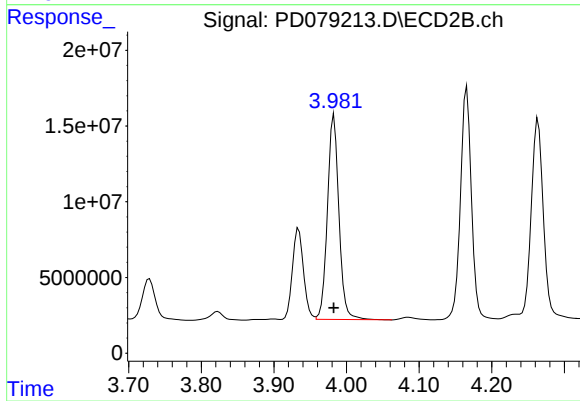
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 159350160
Conc: 46.93 ng/ml



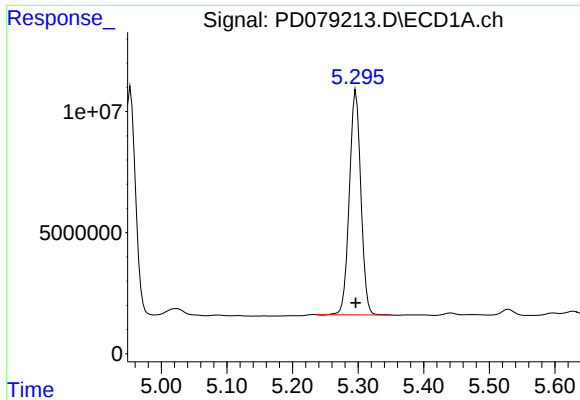
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 114879989
Conc: 42.95 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 149438290
Conc: 48.93 ng/ml



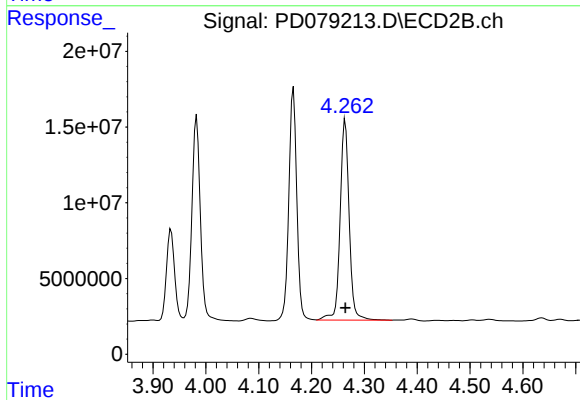
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 113030212
Conc: 43.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

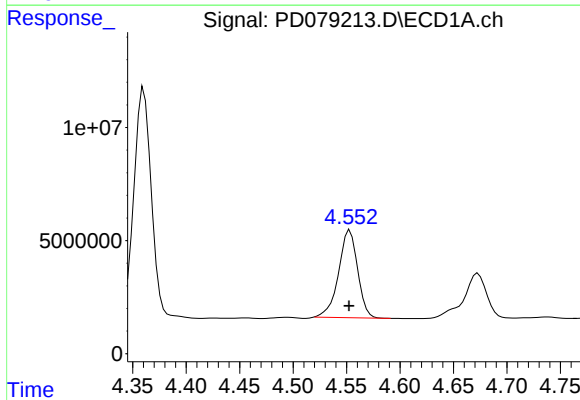
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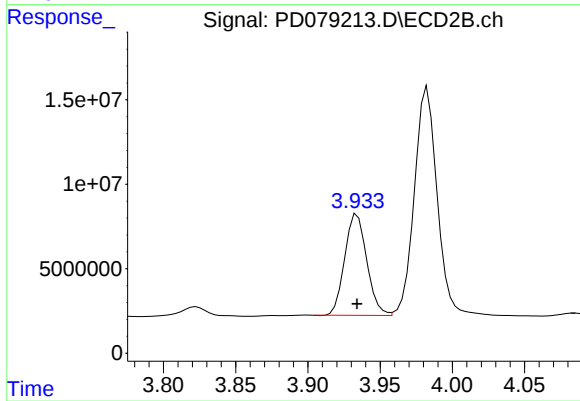
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 157929983
Conc: 48.28 ng/ml



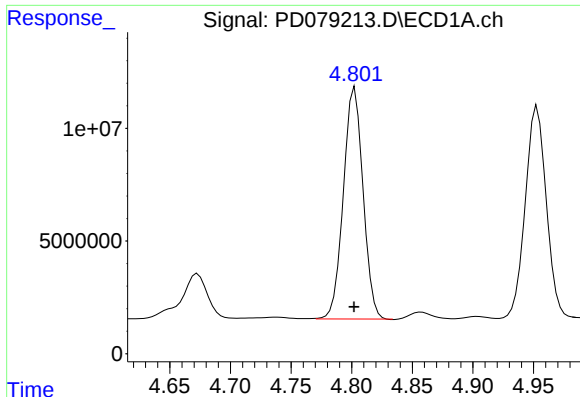
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.001 min
Response: 48084992
Conc: 44.87 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 63612423
Conc: 45.14 ng/ml



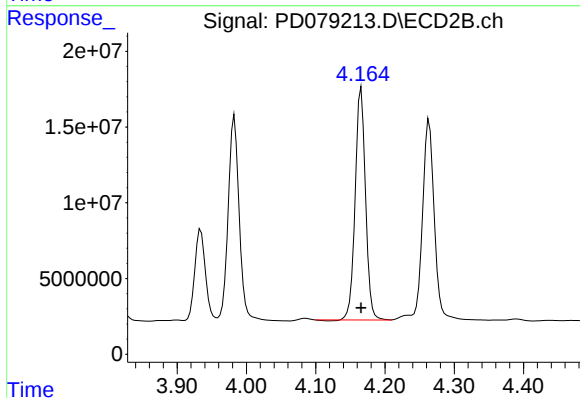
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 115882413
Conc: 43.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

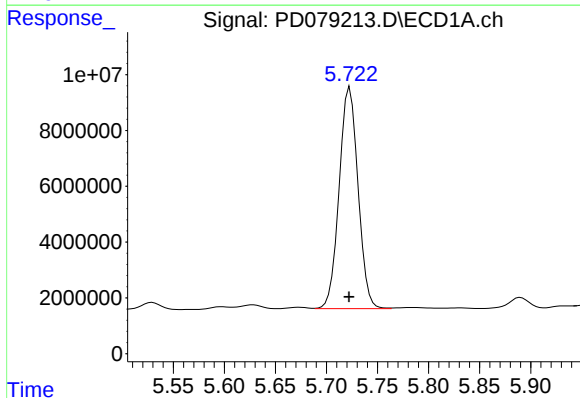
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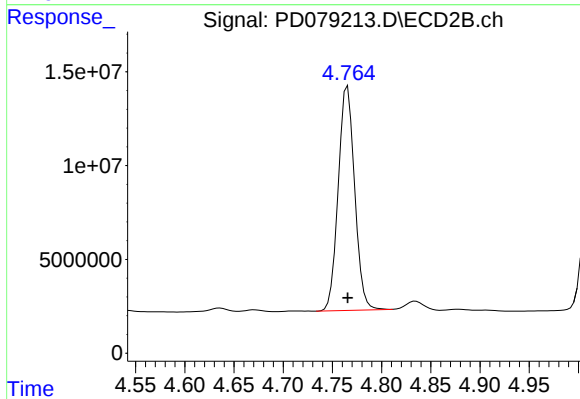
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 159076639
Conc: 47.51 ng/ml



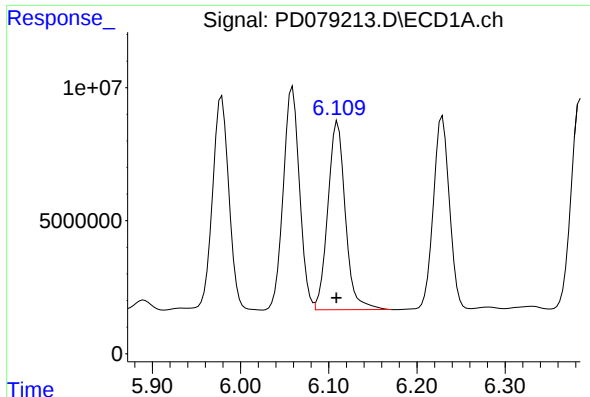
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 102059446
Conc: 43.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 138697727
Conc: 46.78 ng/ml



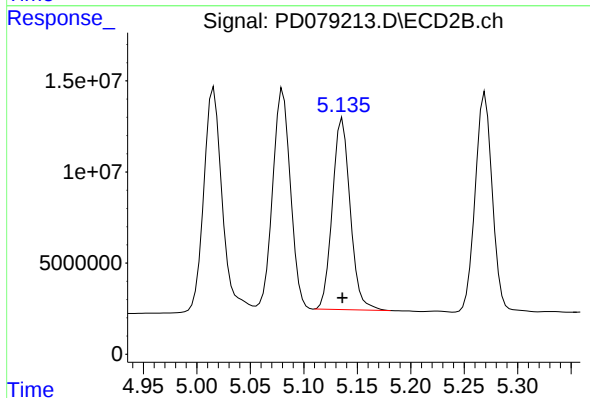
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.001 min
Response: 97770857
Conc: 45.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

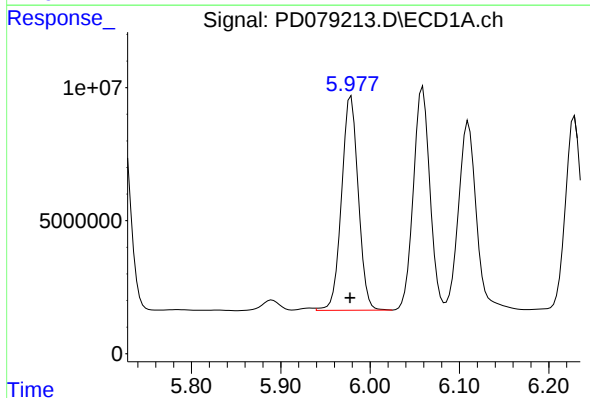
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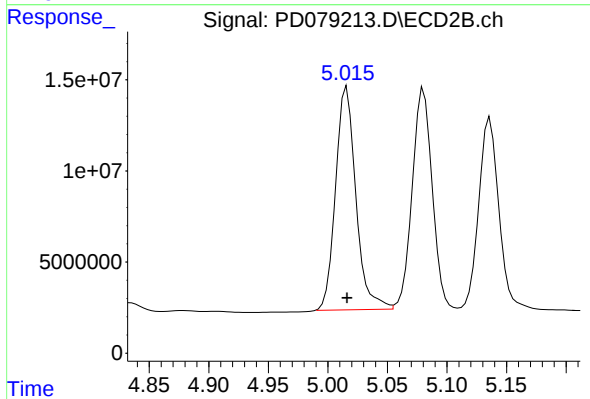
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 121760329
Conc: 45.99 ng/ml



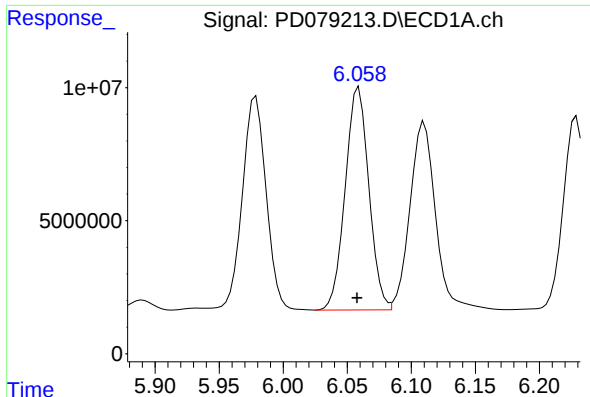
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 104466988
Conc: 45.56 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 145174810
Conc: 50.59 ng/ml



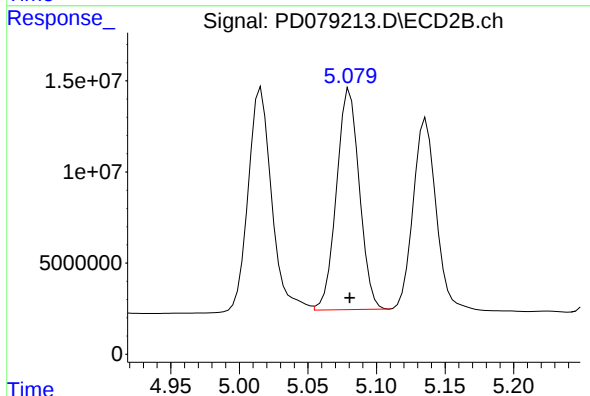
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 107611290
Conc: 47.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

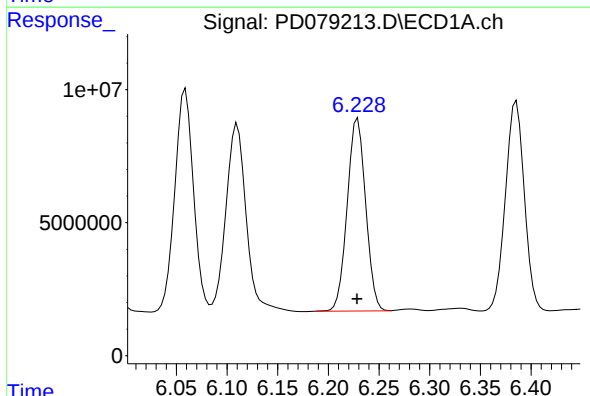
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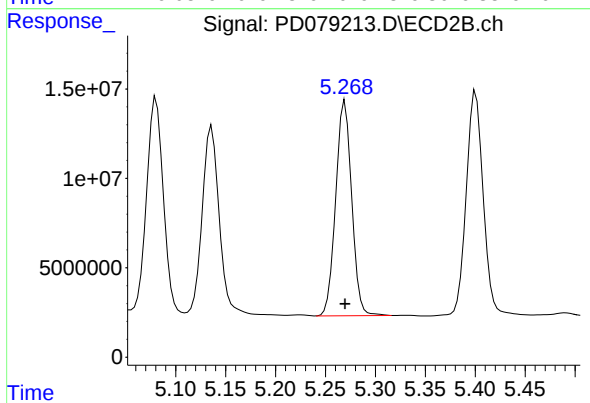
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 140680743
Conc: 49.02 ng/ml



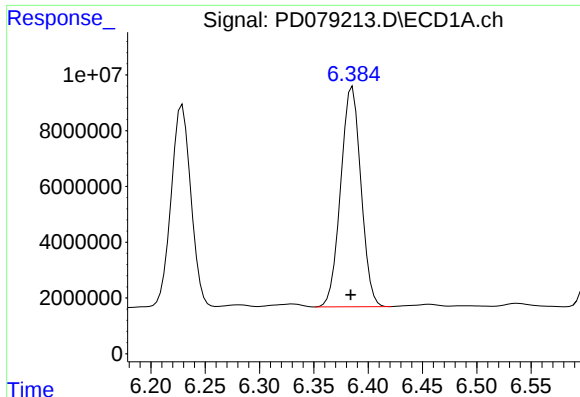
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 91699187
Conc: 43.40 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 133828165
Conc: 50.27 ng/ml



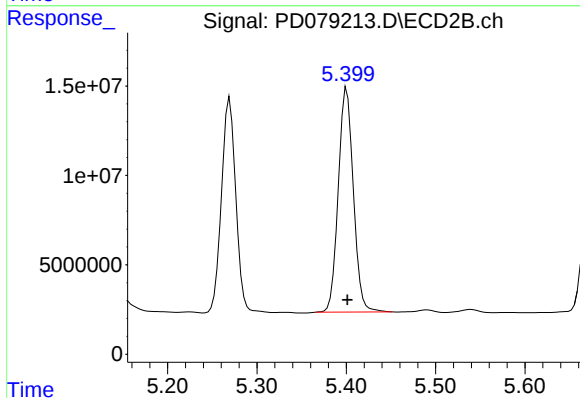
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 102466484
Conc: 44.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

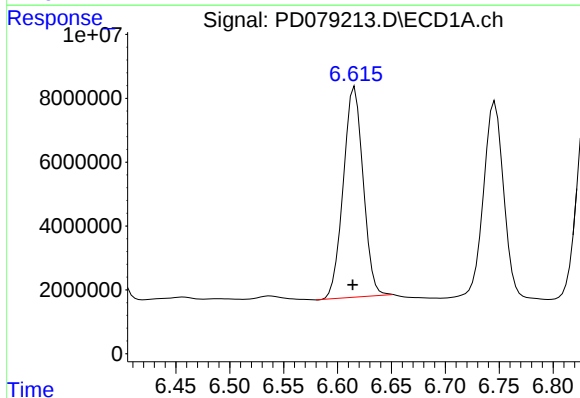
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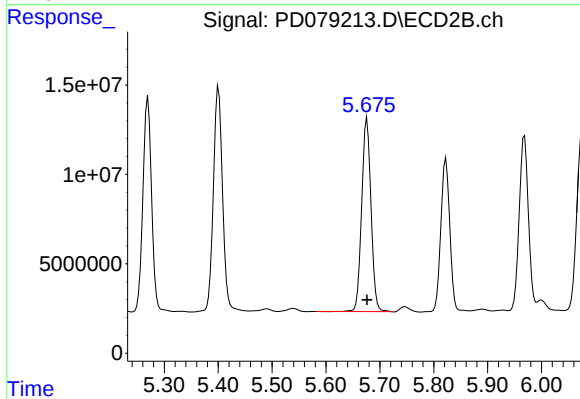
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 147186948
Conc: 49.56 ng/ml



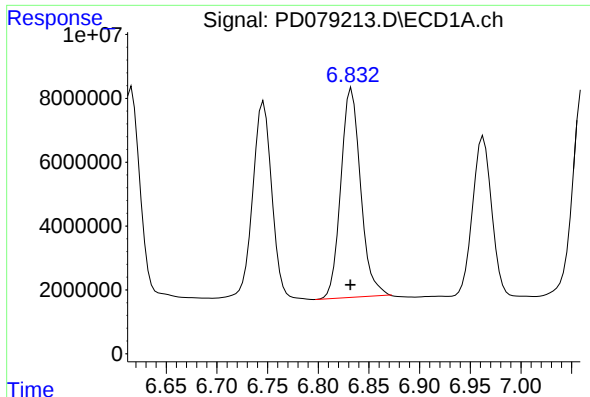
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 84656189
Conc: 43.47 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 129446161
Conc: 50.58 ng/ml



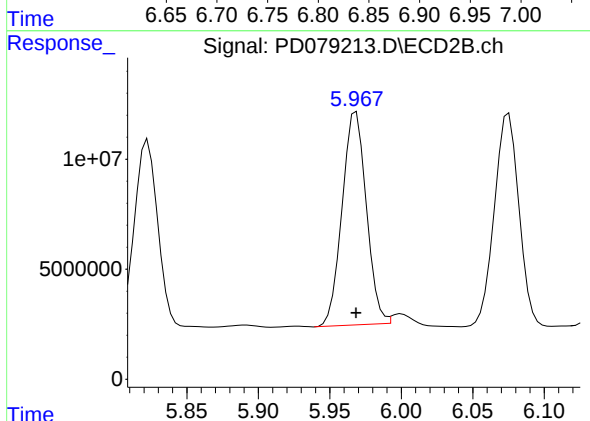
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 88754965
Conc: 43.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

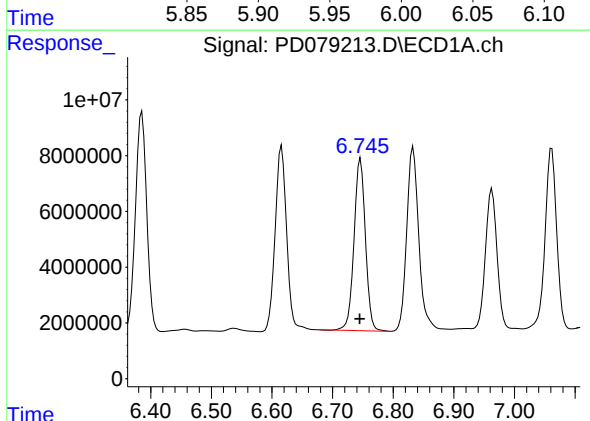
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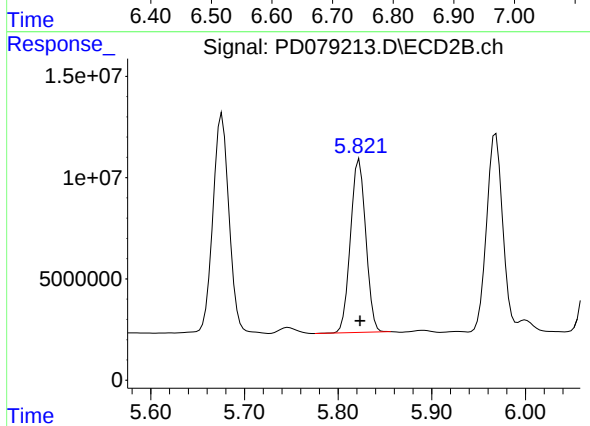
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 114346396
Conc: 45.80 ng/ml



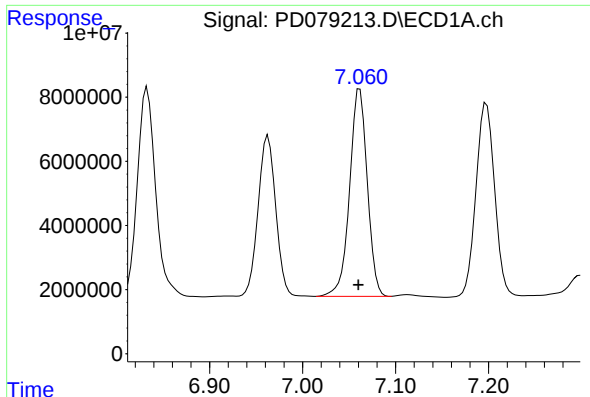
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 80731632
Conc: 45.92 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 97219909
Conc: 42.56 ng/ml



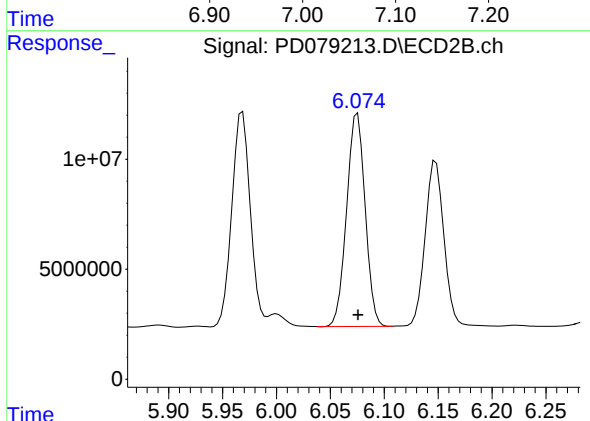
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.001 min
Response: 85564657
Conc: 45.18 ng/ml

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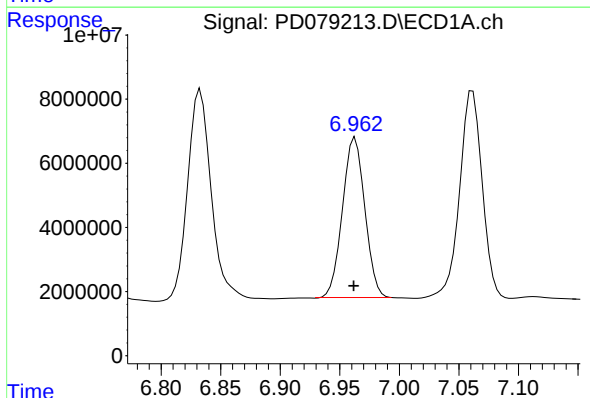
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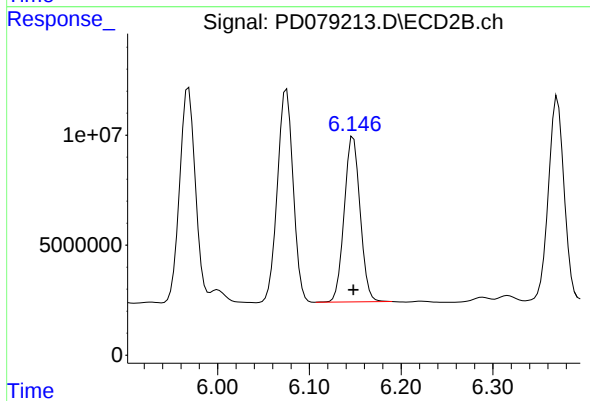
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 115909774
Conc: 50.63 ng/ml



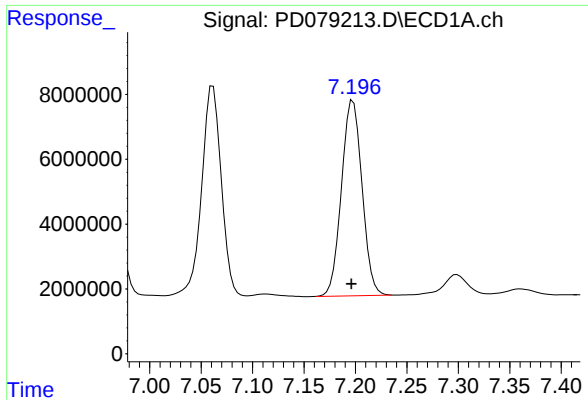
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 65019882
Conc: 42.10 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 90306531
Conc: 48.57 ng/ml



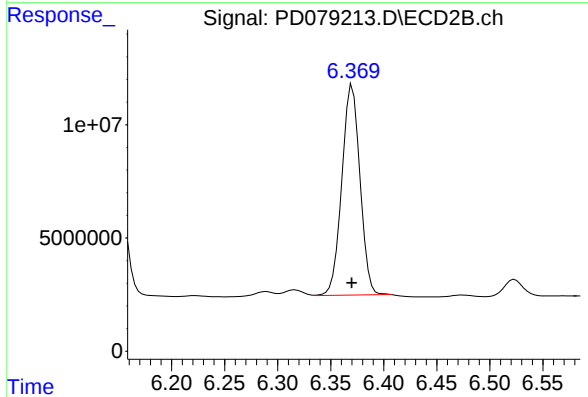
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.002 min
Response: 84045085
Conc: 42.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

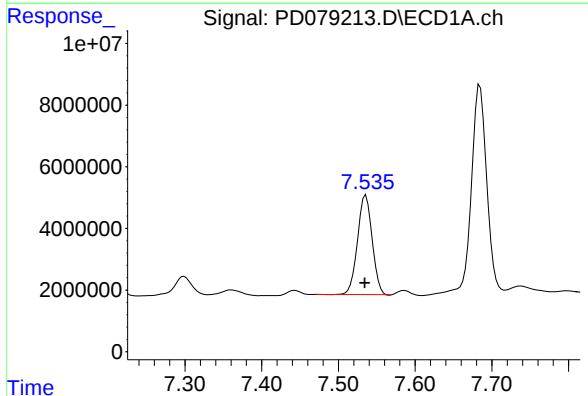
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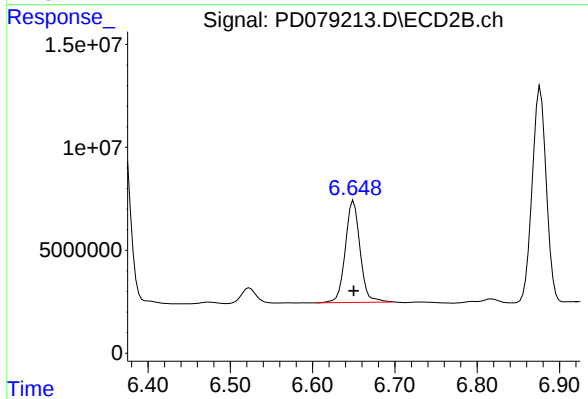
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 110147272
Conc: 47.18 ng/ml



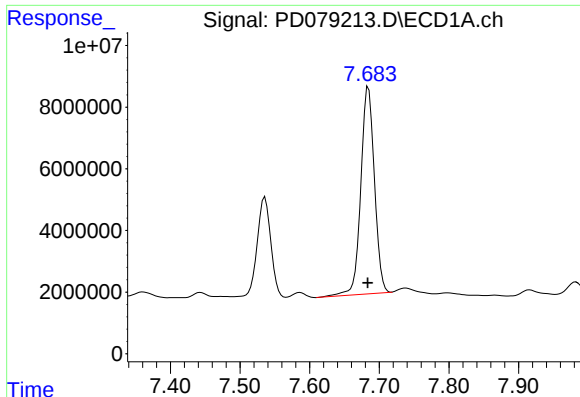
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 42982251
Conc: 39.23 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 61929987
Conc: 45.62 ng/ml



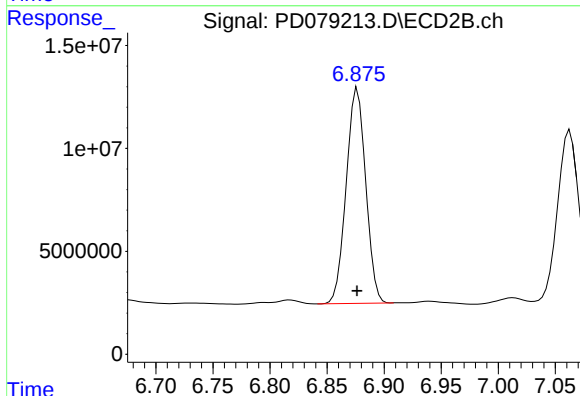
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.001 min
Response: 91408011
Conc: 41.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

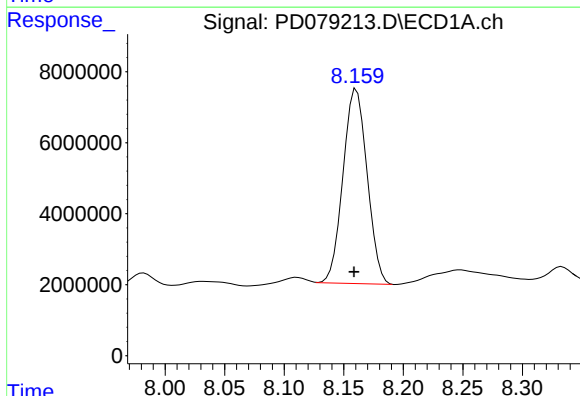
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/30/2023
Supervised By :mohammad ahmed 10/30/2023



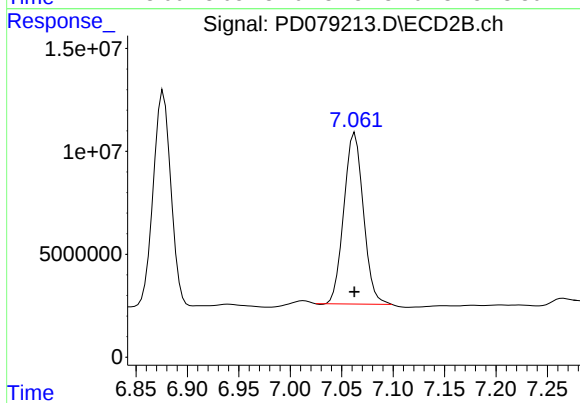
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 124433616
Conc: 44.51 ng/ml



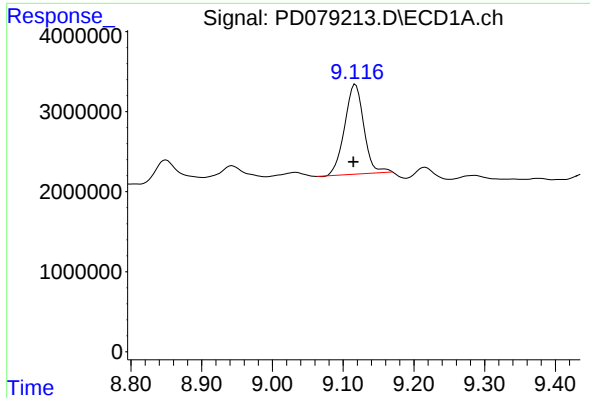
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 77234310
Conc: 45.63 ng/ml m



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 109792062
Conc: 51.39 ng/ml



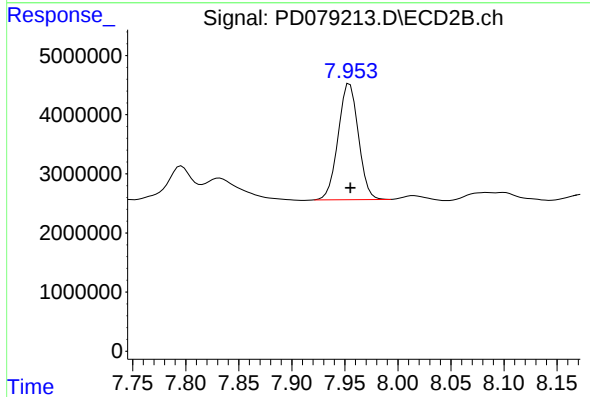
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.003 min
Response: 21167682
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 10/30/2023



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 26084358
Conc: 10.70 ng/ml