

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
 Data File : PD079214.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Oct 2023 16:56
 Operator : AR\AJ
 Sample : 05090-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WC-1MSD

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 22:10:27 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...	3.571	2.807	23772506	38391921	14.724	16.582
28)	SA Decachlor...	9.117	7.954	20735644	25613233	10.337	10.508
Target Compounds							
2)	A alpha-BHC	4.028	3.310	117.7E6	159.5E6	44.200	45.992
3)	MA gamma-BHC...	4.361	3.640	114.7E6	158.1E6	44.133	46.568
4)	MA Heptachlor	4.954	3.983	113.6E6	146.9E6	42.463	48.109
5)	MB Aldrin	5.298	4.265	112.0E6	156.4E6	43.478	47.817
6)	B beta-BHC	4.554	3.935	47373660	62055475	44.209	44.039
7)	B delta-BHC	4.802	4.166	115.2E6	158.0E6	43.044m	47.191
8)	B Heptachlo...	5.724	4.766	101.3E6	137.3E6	43.217	46.309
9)	A Endosulfan I	6.110	5.137	96803070	120.4E6	44.652	45.482
10)	B gamma-Chl...	5.979	5.017	103.2E6	143.7E6	45.003	50.080
11)	B alpha-Chl...	6.059	5.081	106.6E6	139.2E6	46.761	48.487
12)	B 4,4'-DDE	6.229	5.270	90861582	132.1E6	43.000	49.629
13)	MA Dieldrin	6.386	5.402	101.5E6	145.3E6	43.576	48.919
14)	MA Endrin	6.616	5.677	83509790	128.9E6	42.878	50.388
15)	B Endosulfa...	6.834	5.969	86964838	113.5E6	42.638	45.459
16)	A 4,4'-DDD	6.747	5.823	79500740	96979963	45.224	42.456
17)	MA 4,4'-DDT	7.062	6.075	84315368	114.6E6	44.525	50.073
18)	B Endrin al...	6.962	6.148	65192756	89063707	42.215m	47.901
19)	B Endosulfa...	7.198	6.370	82856299	109.4E6	41.675	46.840
20)	A Methoxychlor	7.536	6.650	42249687	61495128	38.557	45.296
21)	B Endrin ke...	7.685	6.877	90208714	123.9E6	41.377	44.300
22)	Mirex	8.160	7.063	77159496	110.1E6	45.585m	51.559

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102723\
Data File : PD079214.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:56
Operator : AR\AJ
Sample : 05090-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

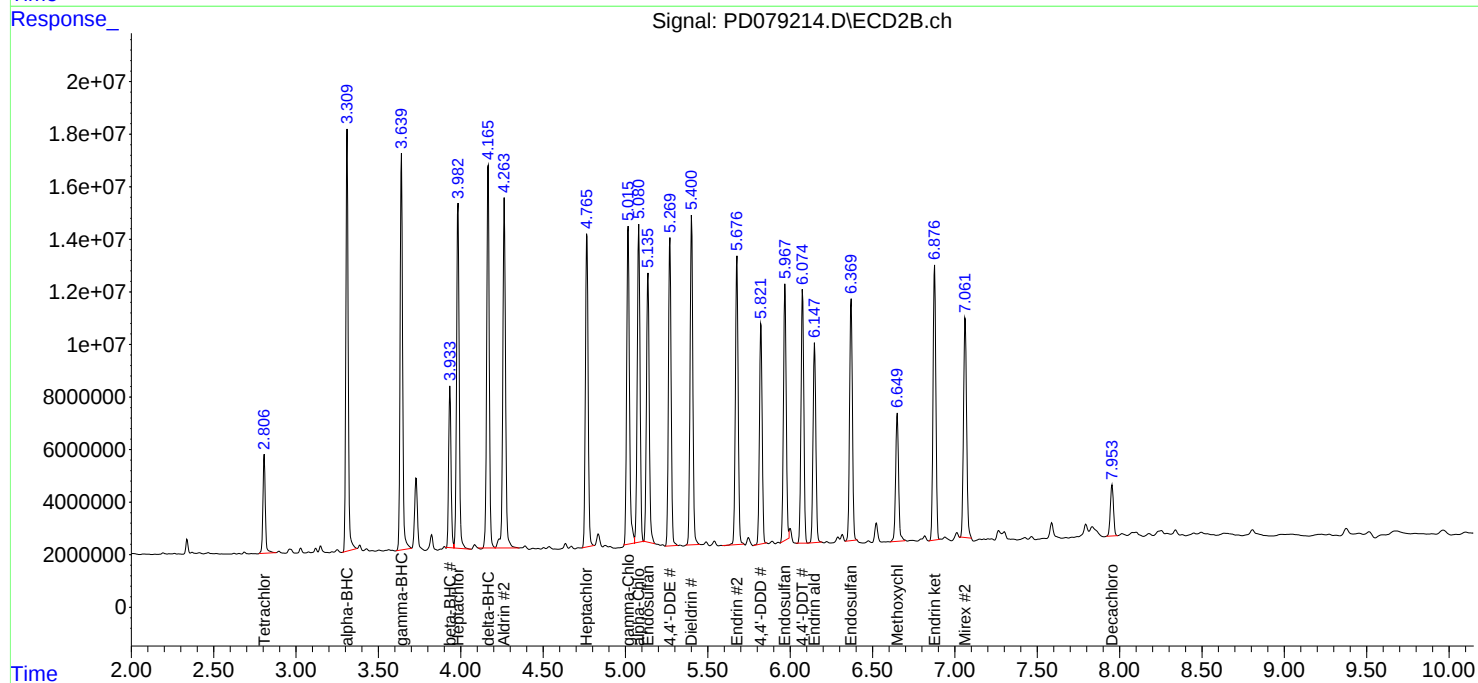
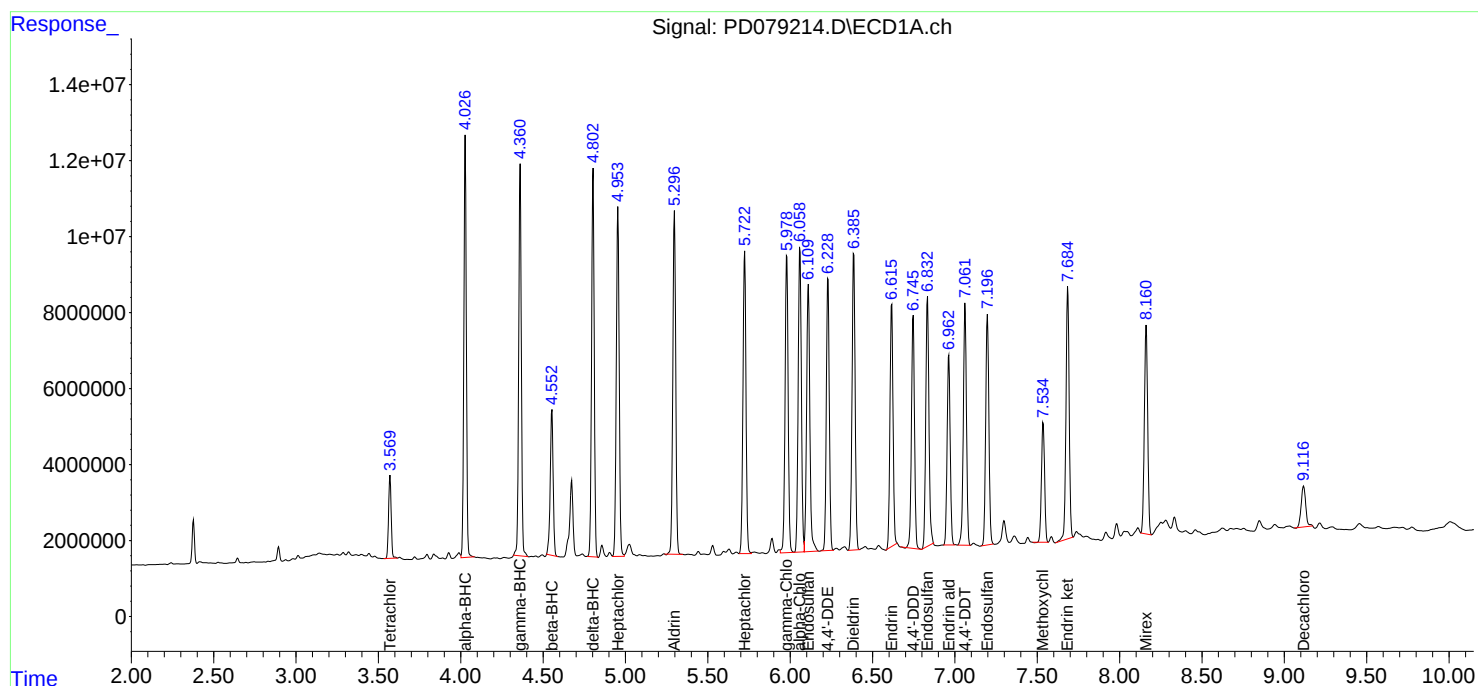
Instrument :
ECD_D
ClientSampleId :
WC-1MSD

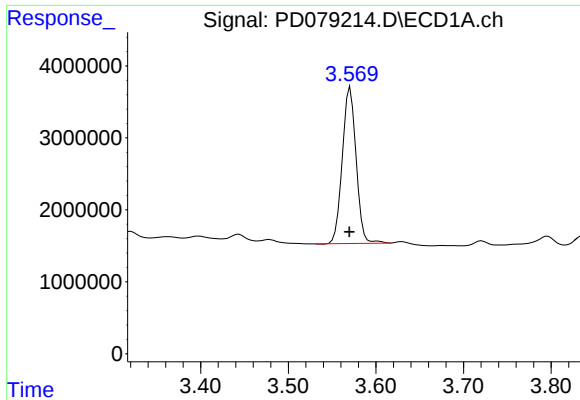
Manual Integrations
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Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 22:10:27 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





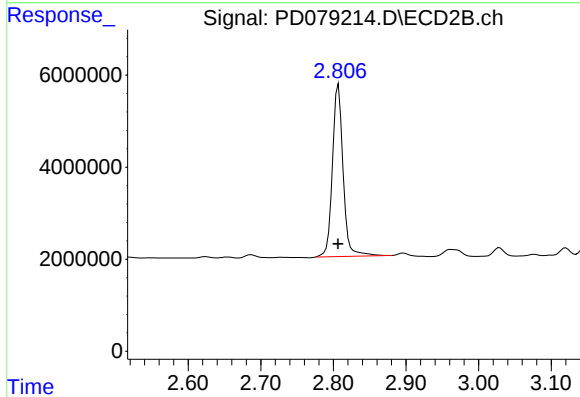
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.000 min
Response: 23772506
Conc: 14.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

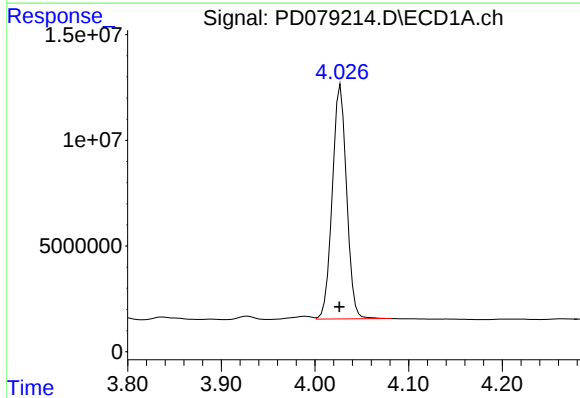
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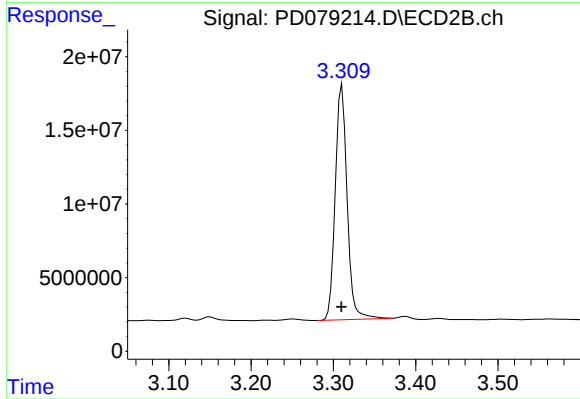
#1 Tetrachloro-m-xylene

R.T.: 2.807 min
Delta R.T.: 0.000 min
Response: 38391921
Conc: 16.58 ng/ml



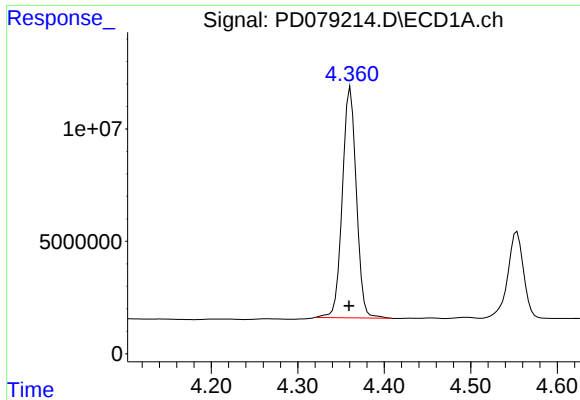
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.001 min
Response: 117664064
Conc: 44.20 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 159473807
Conc: 45.99 ng/ml



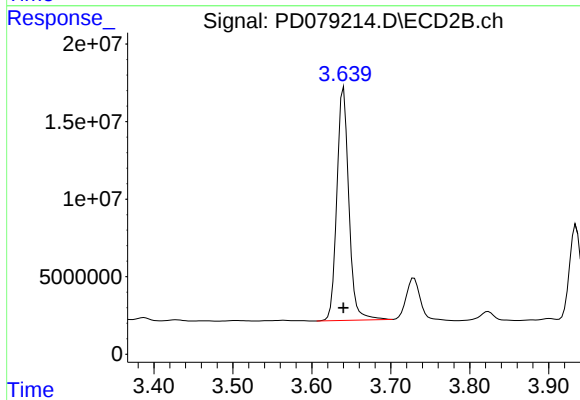
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.001 min
Response: 114694069
Conc: 44.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

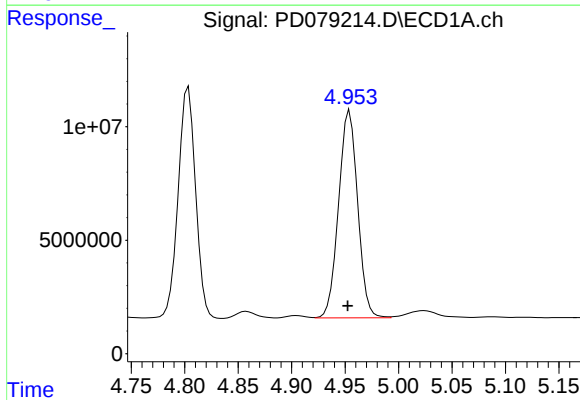
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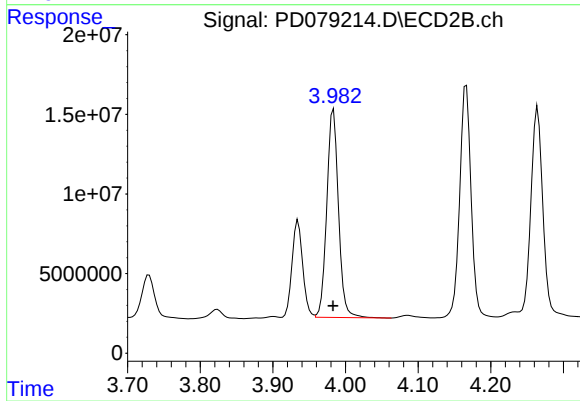
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 158133828
Conc: 46.57 ng/ml



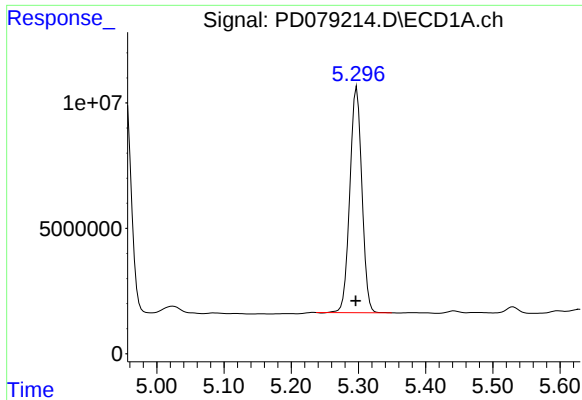
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 113586508
Conc: 42.46 ng/ml



#4 Heptachlor

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 146930844
Conc: 48.11 ng/ml



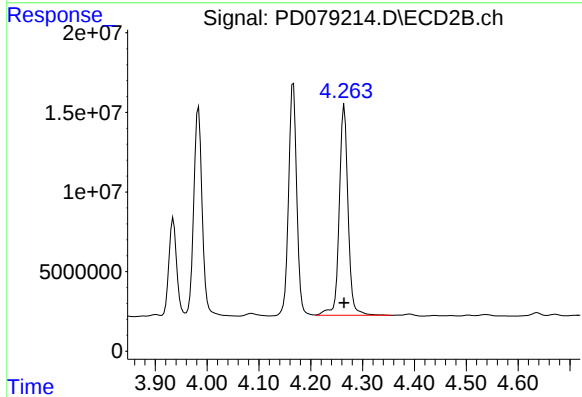
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.001 min
Response: 112034449
Conc: 43.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

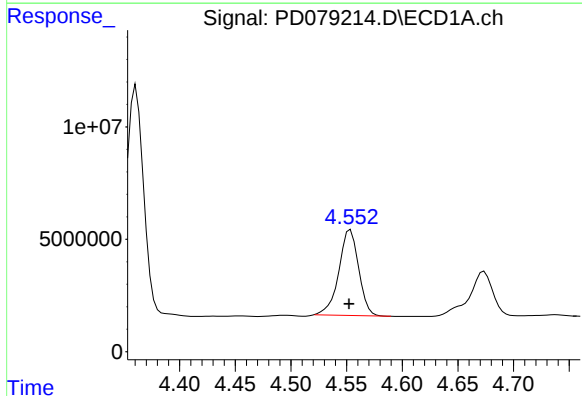
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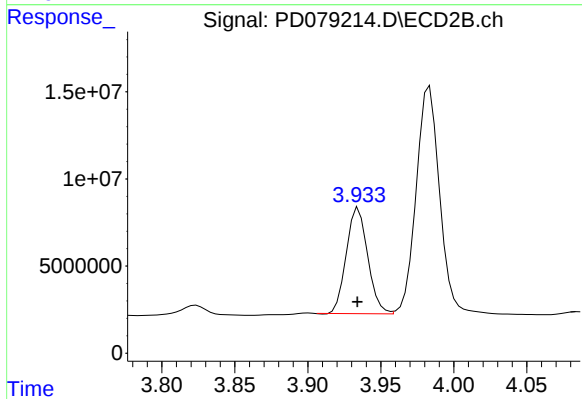
#5 Aldrin

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 156426751
Conc: 47.82 ng/ml



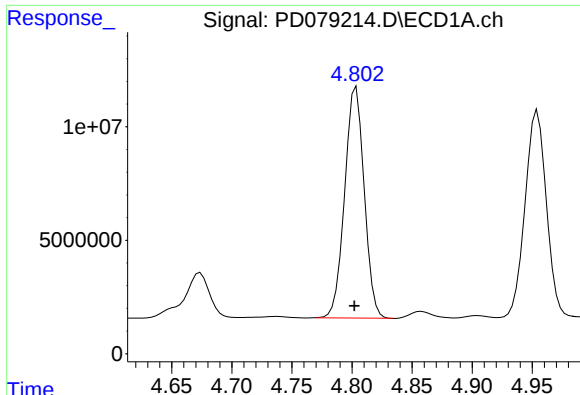
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.001 min
Response: 47373660
Conc: 44.21 ng/ml



#6 beta-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 62055475
Conc: 44.04 ng/ml



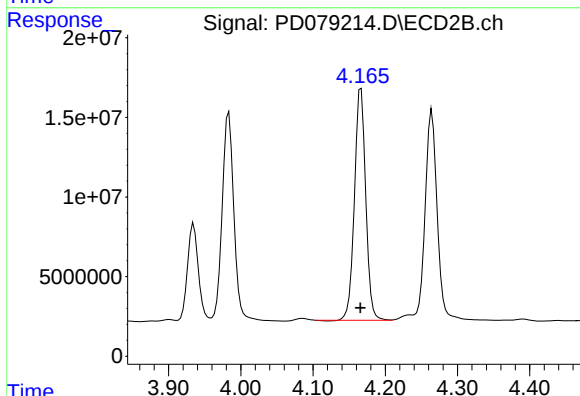
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.000 min
Response: 115231501
Conc: 43.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

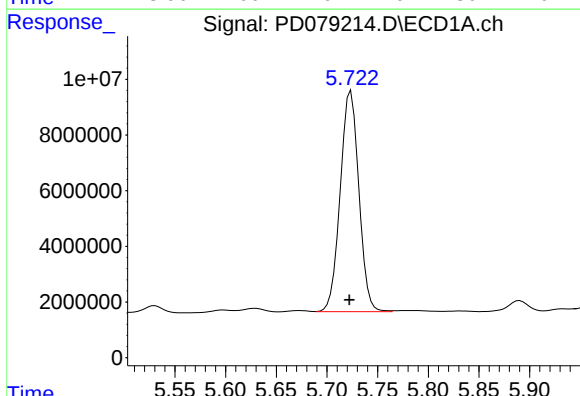
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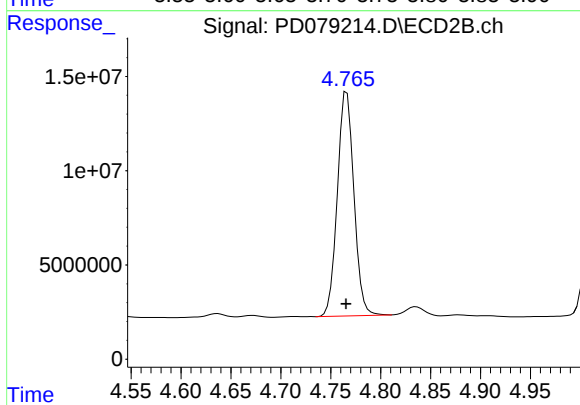
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.001 min
Response: 158008327
Conc: 47.19 ng/ml



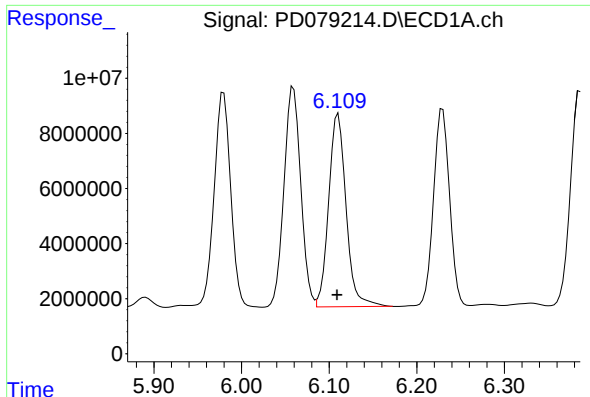
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 101288104
Conc: 43.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.766 min
Delta R.T.: 0.000 min
Response: 137292372
Conc: 46.31 ng/ml



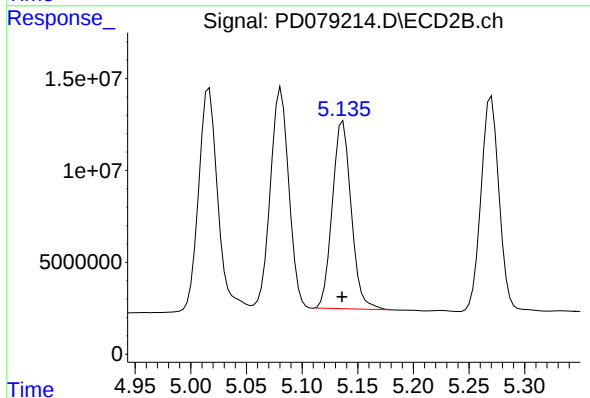
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 96803070
Conc: 44.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

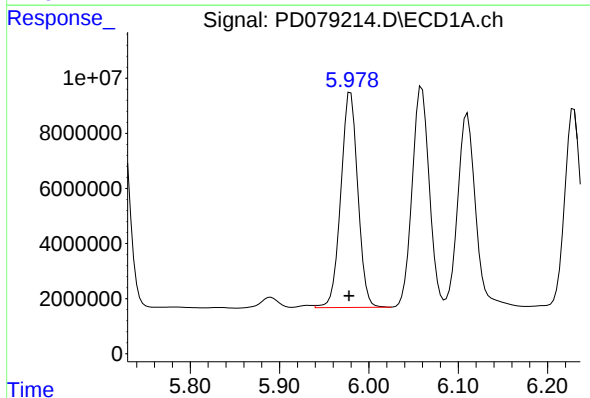
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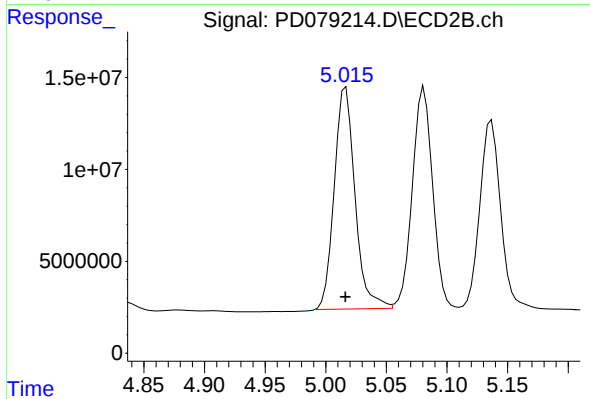
#9 Endosulfan I

R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 120422373
Conc: 45.48 ng/ml



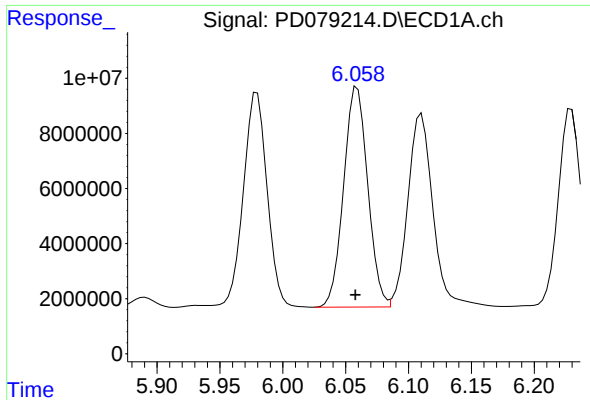
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.002 min
Response: 103180258
Conc: 45.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 143700582
Conc: 50.08 ng/ml



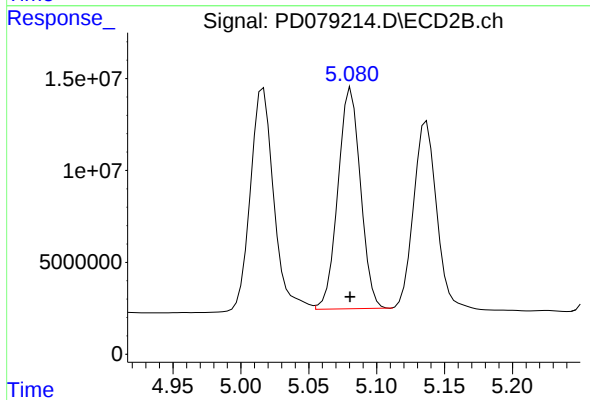
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 106623863
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

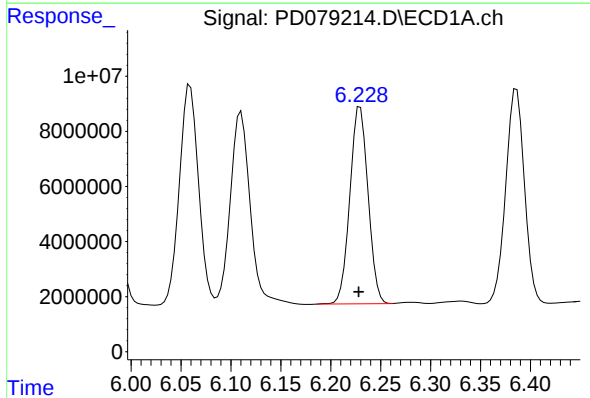
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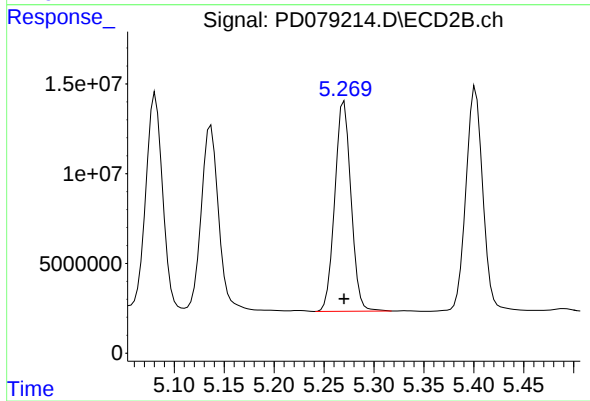
#11 alpha-Chlordane

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 139151014
Conc: 48.49 ng/ml



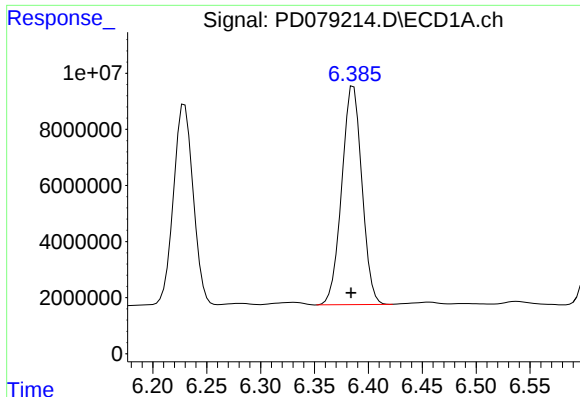
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 90861582
Conc: 43.00 ng/ml



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 132133032
Conc: 49.63 ng/ml



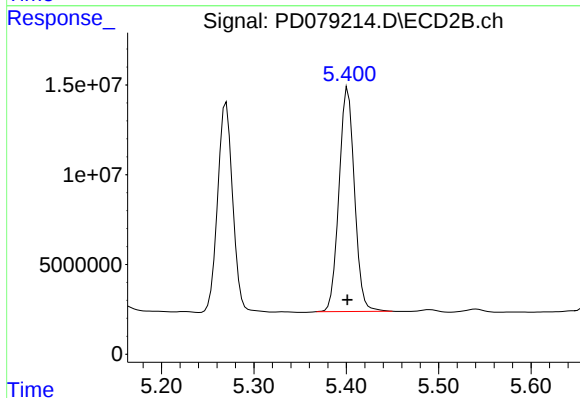
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.002 min
Response: 101480910
Conc: 43.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

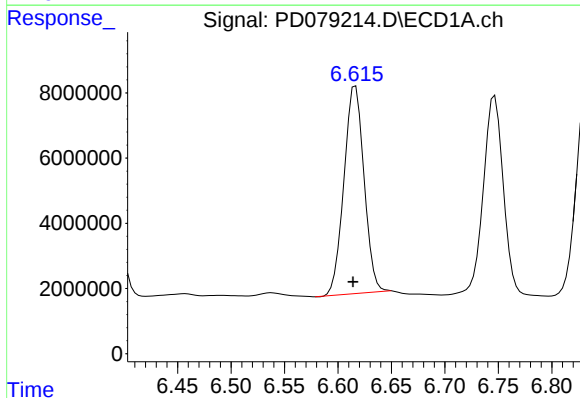
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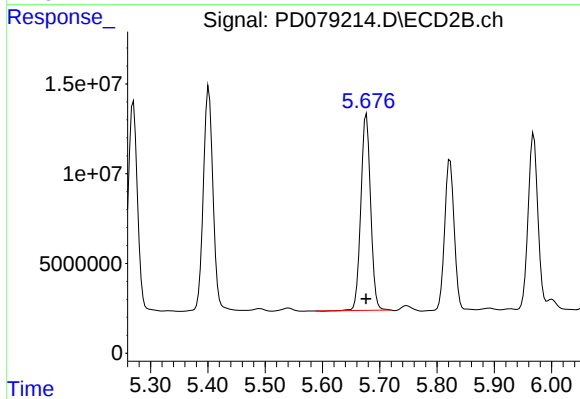
#13 Dieldrin

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 145284196
Conc: 48.92 ng/ml



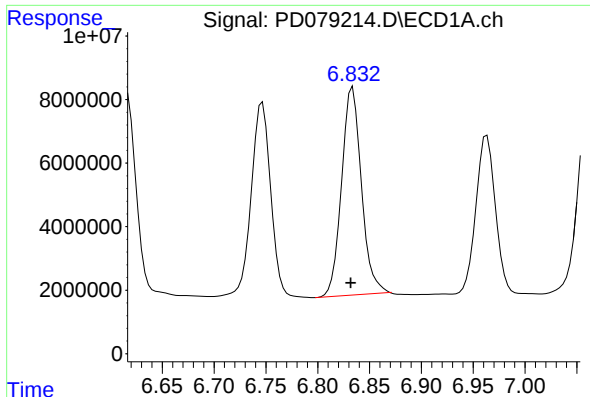
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.002 min
Response: 83509790
Conc: 42.88 ng/ml



#14 Endrin

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 128949410
Conc: 50.39 ng/ml



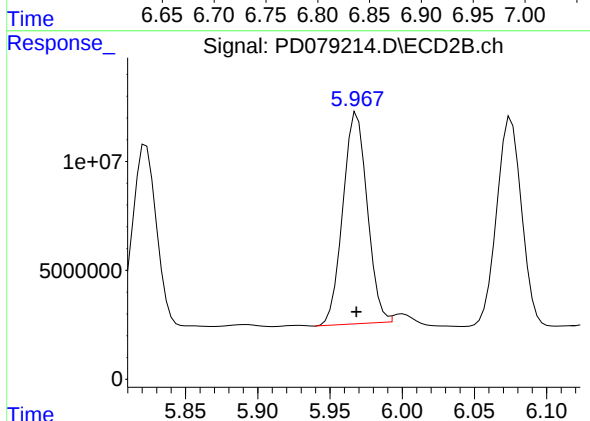
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.002 min
Response: 86964838
Conc: 42.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

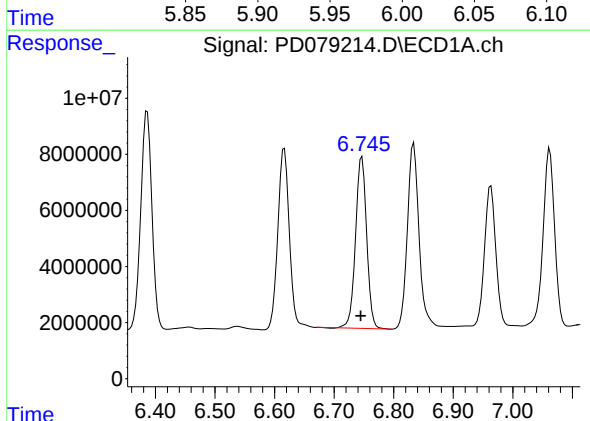
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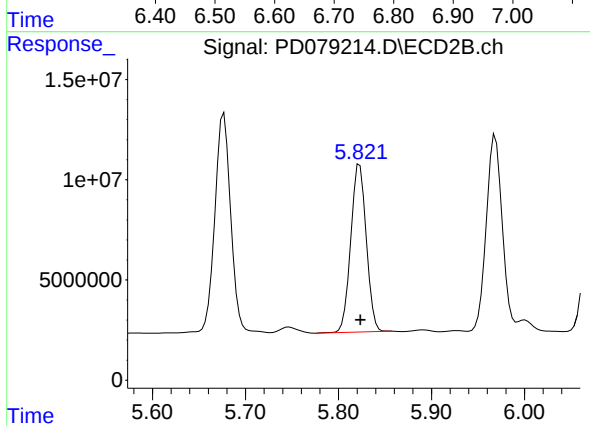
#15 Endosulfan II

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 113488265
Conc: 45.46 ng/ml



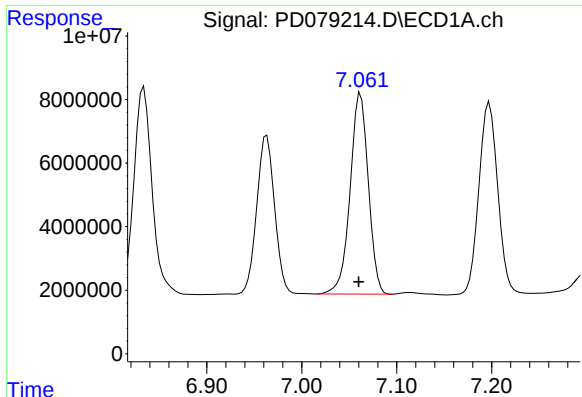
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 79500740
Conc: 45.22 ng/ml



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 96979963
Conc: 42.46 ng/ml



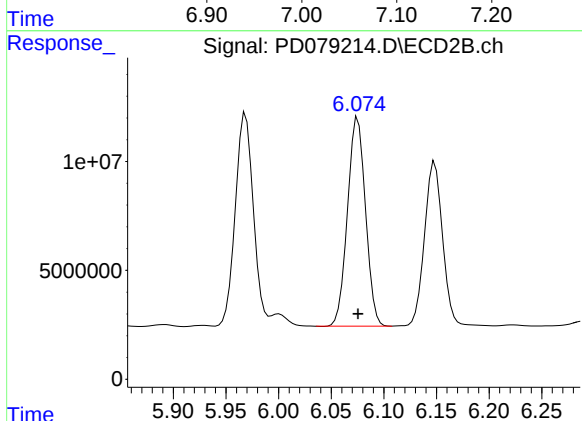
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.002 min
Response: 84315368
Conc: 44.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

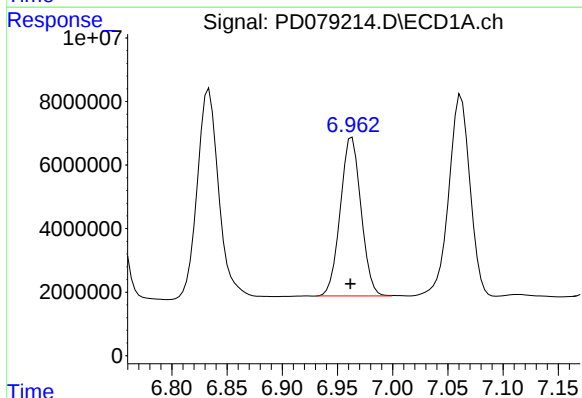
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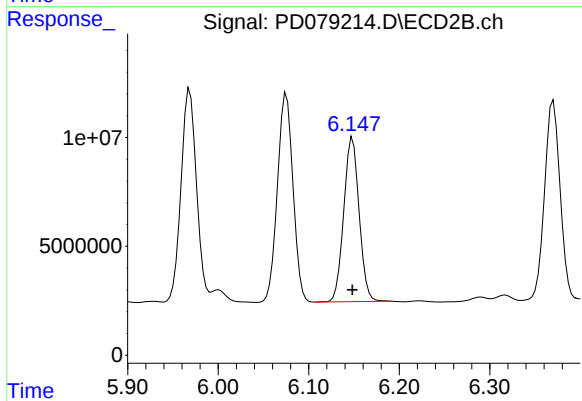
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 114634998
Conc: 50.07 ng/ml



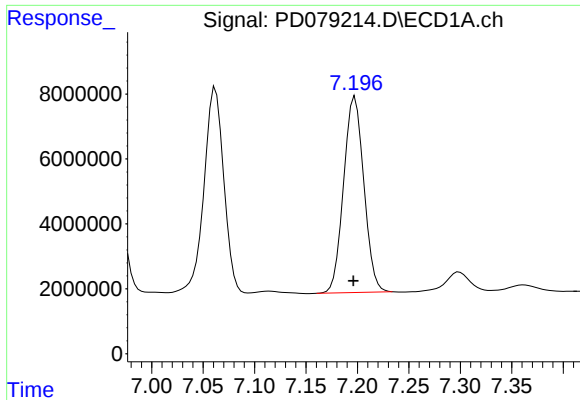
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 65192756
Conc: 42.21 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 89063707
Conc: 47.90 ng/ml



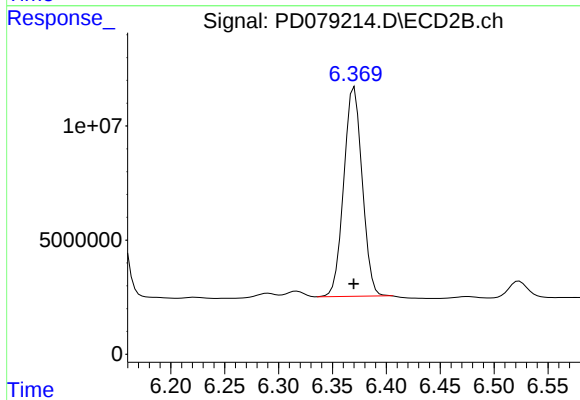
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.001 min
Response: 82856299
Conc: 41.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

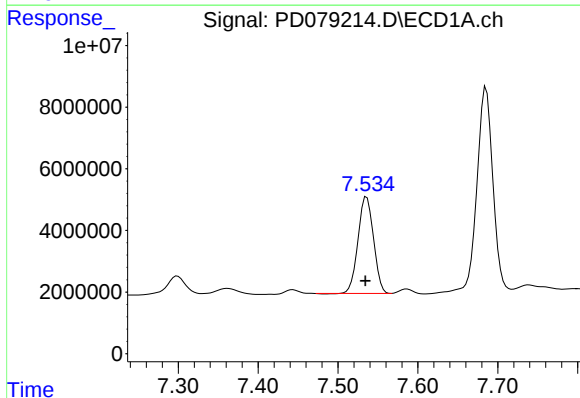
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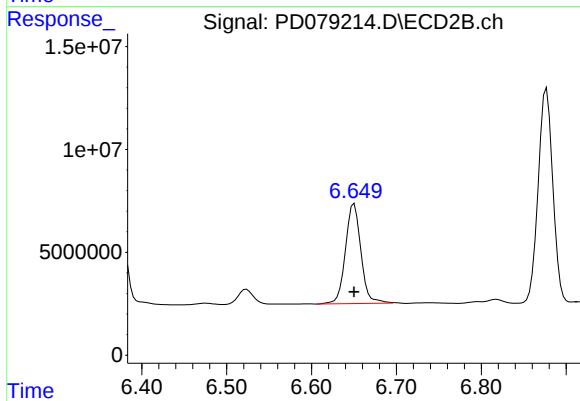
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 109364145
Conc: 46.84 ng/ml



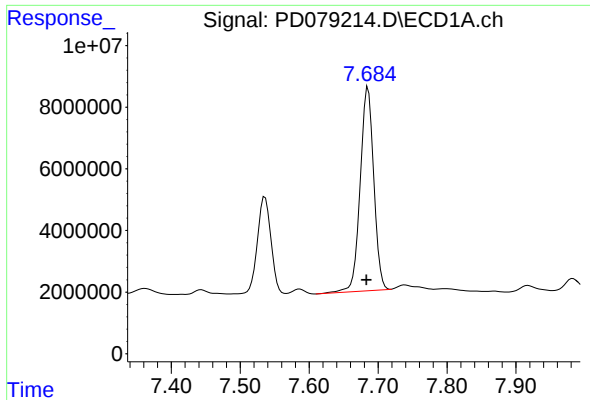
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: 0.002 min
Response: 42249687
Conc: 38.56 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 61495128
Conc: 45.30 ng/ml



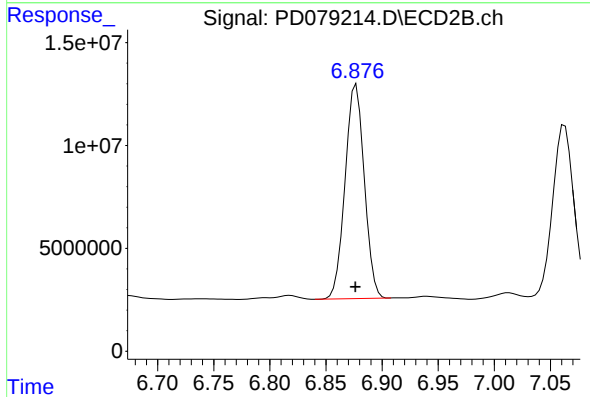
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.002 min
Response: 90208714
Conc: 41.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

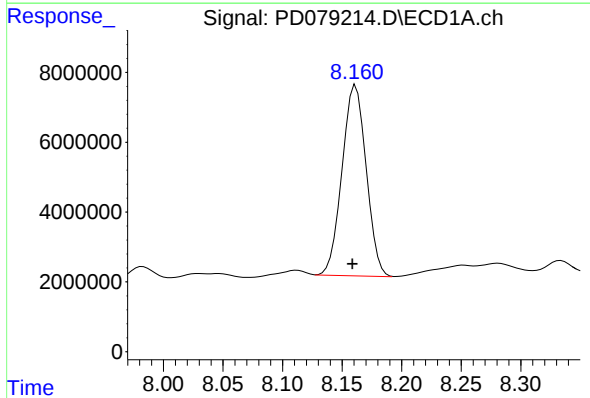
Manual Integrations
APPROVED

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



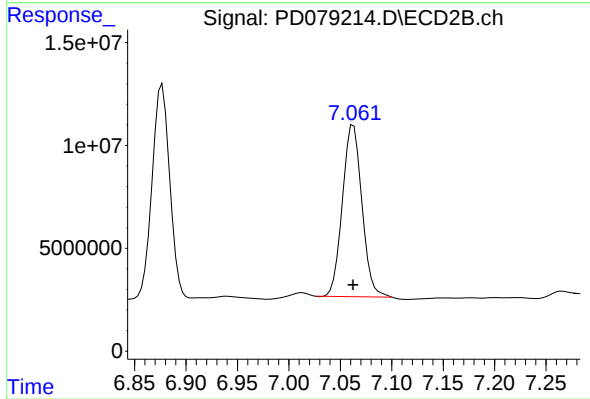
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 123851527
Conc: 44.30 ng/ml



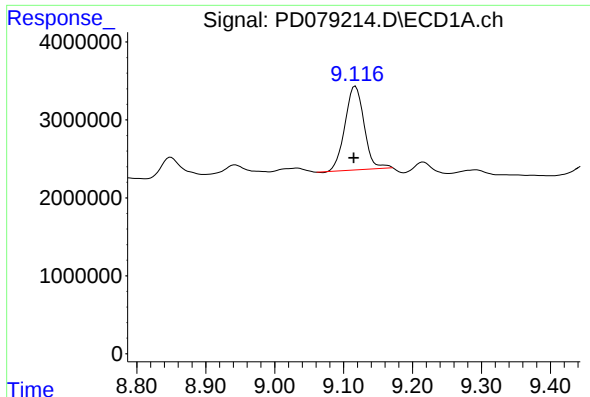
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.001 min
Response: 77159496
Conc: 45.58 ng/ml m



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 110147271
Conc: 51.56 ng/ml



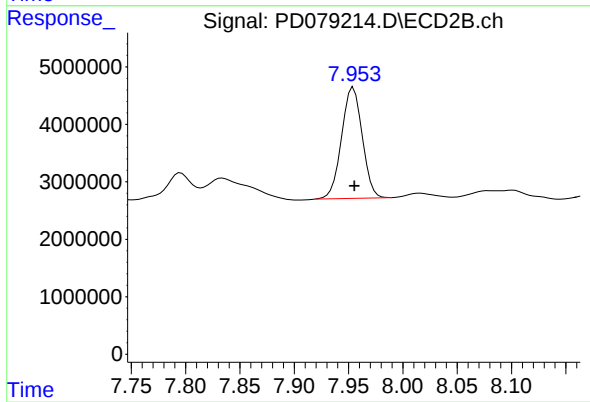
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 20735644
Conc: 10.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
WC-1MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.954 min
Delta R.T.: -0.001 min
Response: 25613233
Conc: 10.51 ng/ml