

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
 Data File : PD079329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2023 21:17
 Operator : AR\AJ
 Sample : 05164-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ETGI-352MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/01/2023
 Supervised By : mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 22:27:58 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	2.806	29210099	43779678	18.091	18.909
28)	SA Decachlor...	9.113	7.952	35516963	32688450	17.705m	13.411m
Target Compounds							
2)	A alpha-BHC	4.026	3.309	132.0E6	177.4E6	49.590	51.161
3)	MA gamma-BHC...	4.358	3.639	125.3E6	170.9E6	48.226m	50.319
4)	MA Heptachlor	4.951	3.982	124.7E6	164.2E6	46.610m	53.769
5)	MB Aldrin	5.294	4.263	164.8E6	165.4E6	63.936	50.573
6)	B beta-BHC	4.553	3.934	46003949	68888668	42.931	48.888
7)	B delta-BHC	4.801	4.165	118.7E6	166.6E6	44.355m	49.754
8)	B Heptachlo...	5.723	4.765	162.2E6	175.1E6	69.206	59.059
9)	A Endosulfan I	6.109	5.136	90594075	106.5E6	41.788	40.210
10)	B gamma-Chl...	5.978	5.014	226.4E6	327.1E6	98.767	113.990m
11)	B alpha-Chl...	6.059	5.080	392.1E6	525.8E6	171.977	183.209
12)	B 4,4'-DDE	6.227	5.269	100.3E6	132.6E6	47.462	49.806
13)	MA Dieldrin	6.384	5.400	97221487	147.8E6	41.747	49.781
14)	MA Endrin	6.615	5.675	72852803	120.9E6	37.406	47.253 #
15)	B Endosulfa...	6.832	5.971	82895009	221.8E6	40.642	88.829 #
16)	A 4,4'-DDD	6.744	5.822	64555456	104.8E6	36.722m	45.889
17)	MA 4,4'-DDT	7.060	6.074	78512541	102.9E6	41.461	44.967
18)	B Endrin al...	6.961	6.145	65501764	87860366	42.415m	47.254m
19)	B Endosulfa...	7.197	6.369	80427669	98570184	40.454	42.217
20)	A Methoxychlor	7.535	6.649	44354772	53312096	40.478	39.269
21)	B Endrin ke...	7.683	6.875	85149691	107.6E6	39.056	38.470
22)	Mirex	8.160	7.061	71702749	94302171	42.361	44.142

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110223\
Data File : PD079329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2023 21:17
Operator : AR\AJ
Sample : 05164-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

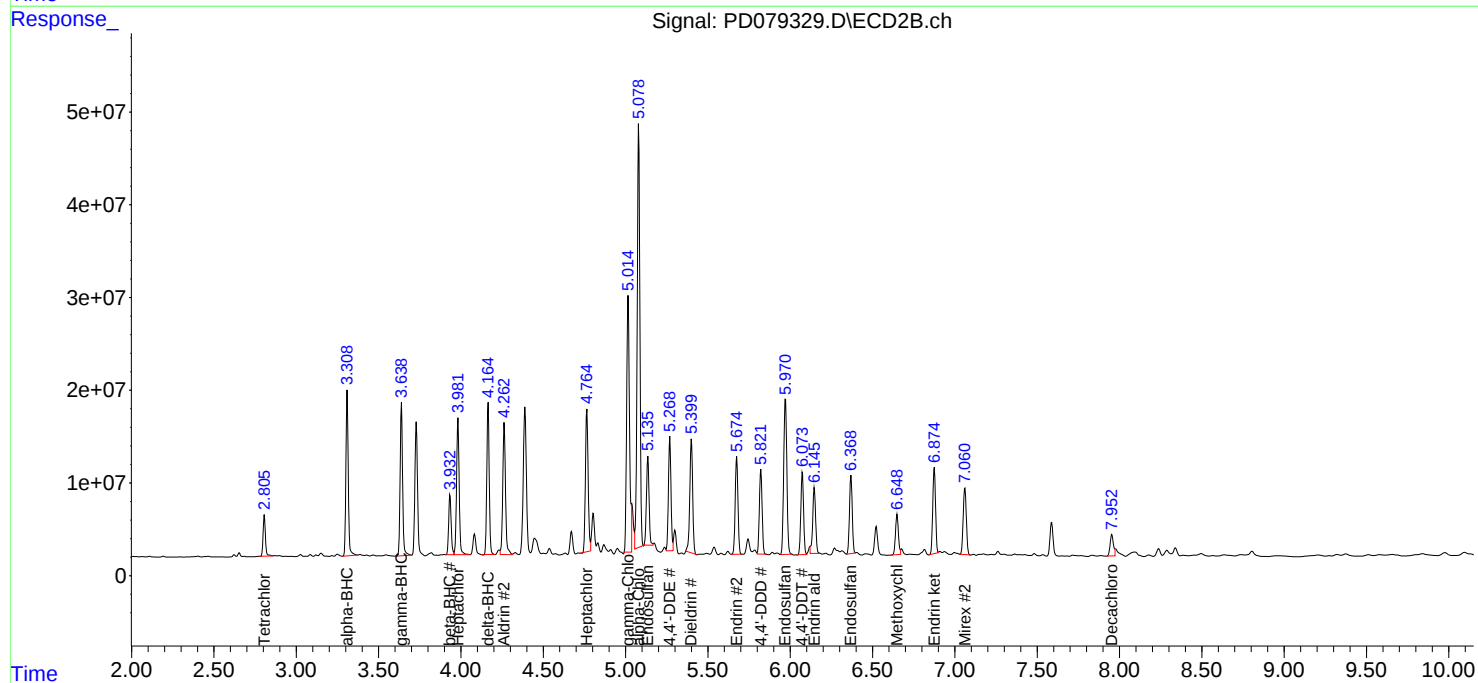
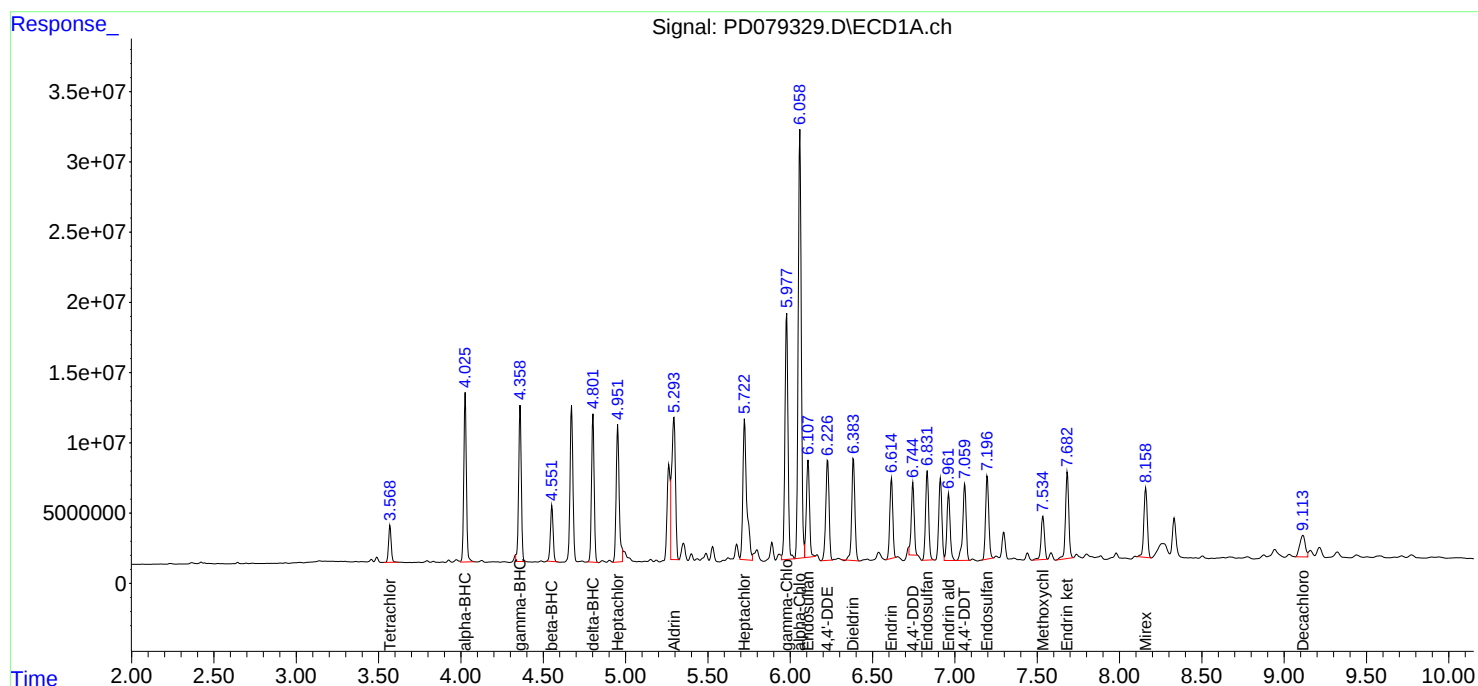
Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

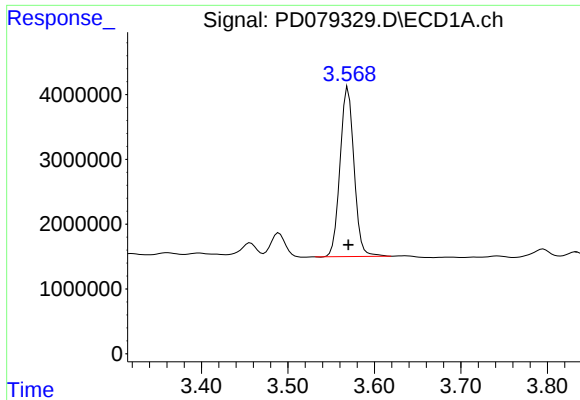
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 31 22:27:58 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





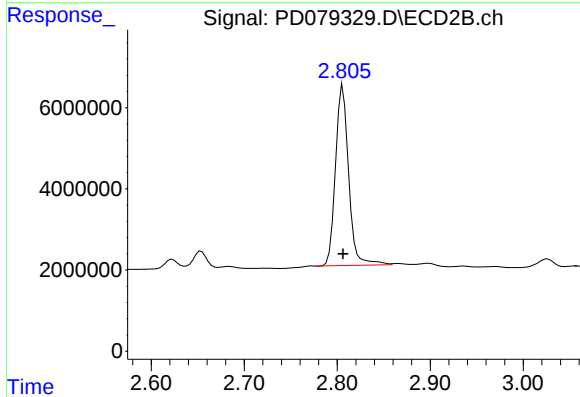
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 29210099
Conc: 18.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

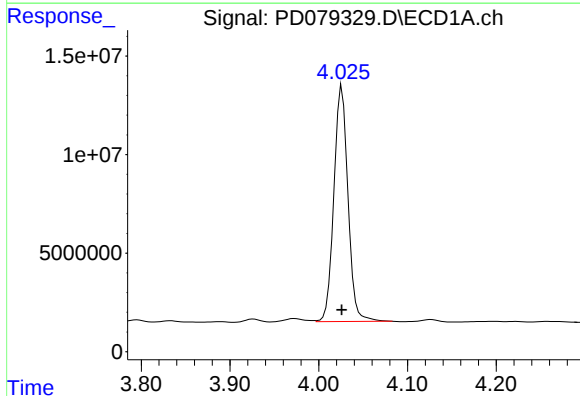
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



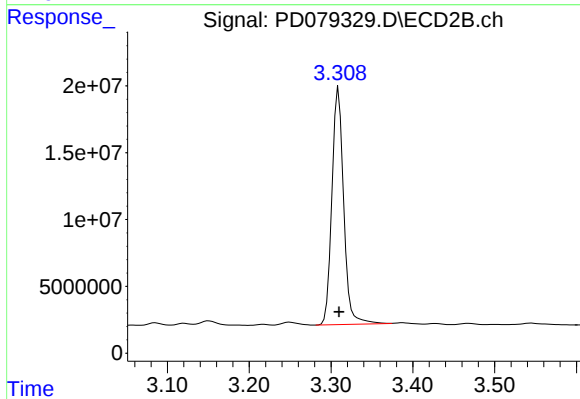
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 43779678
Conc: 18.91 ng/ml



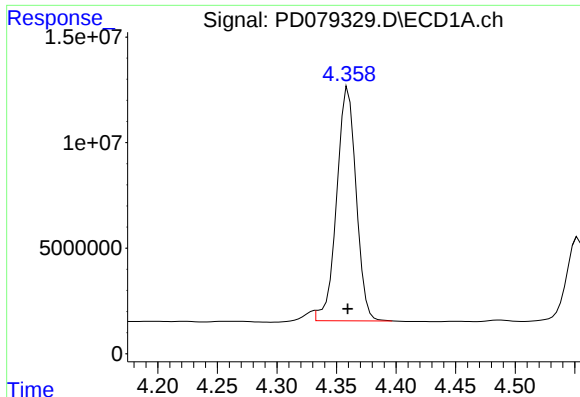
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 132011048
Conc: 49.59 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 177397980
Conc: 51.16 ng/ml



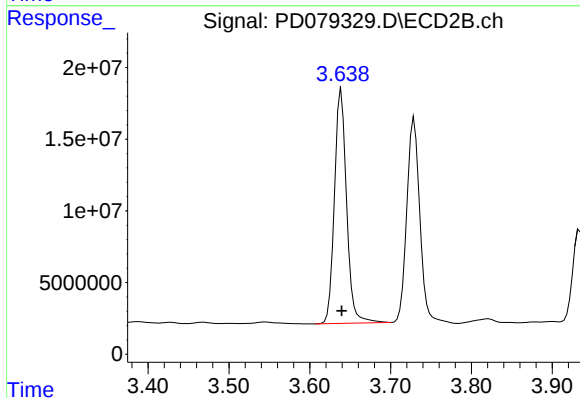
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.001 min
Response: 125330856
Conc: 48.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

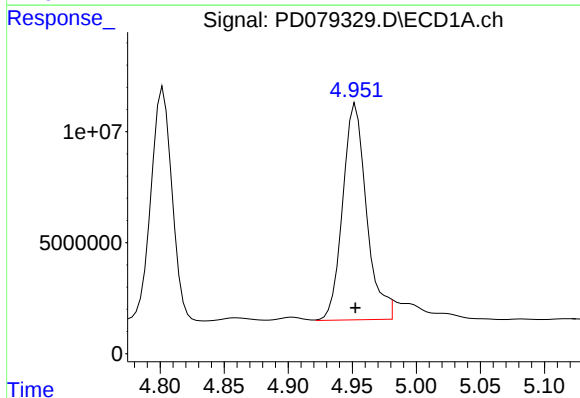
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



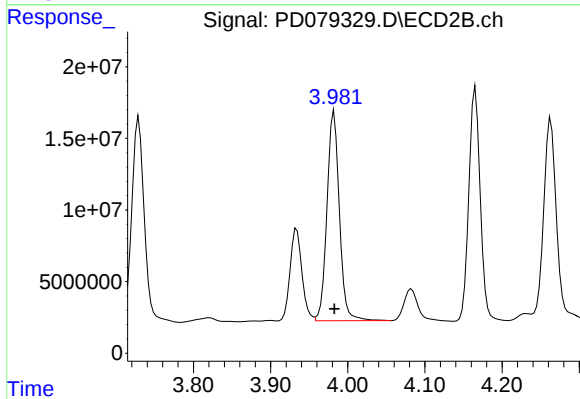
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 170874025
Conc: 50.32 ng/ml



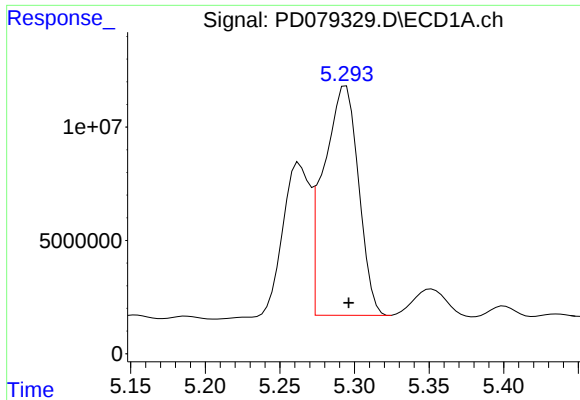
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 124679498
Conc: 46.61 ng/ml m



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 164216971
Conc: 53.77 ng/ml



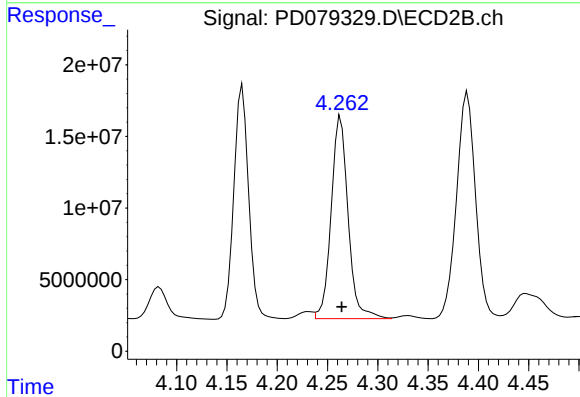
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: -0.002 min
Response: 164750878
Conc: 63.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

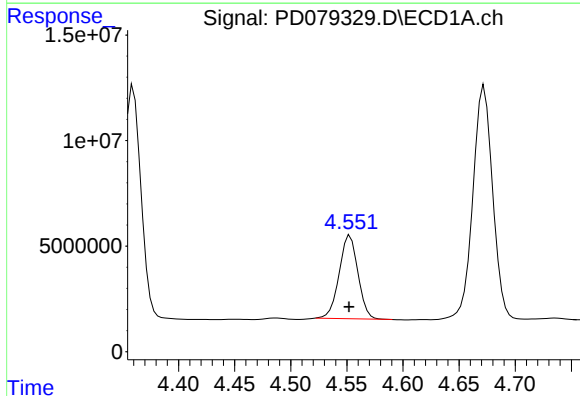
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



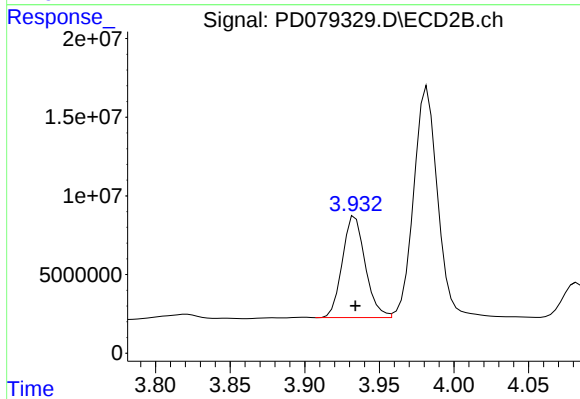
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 165440023
Conc: 50.57 ng/ml



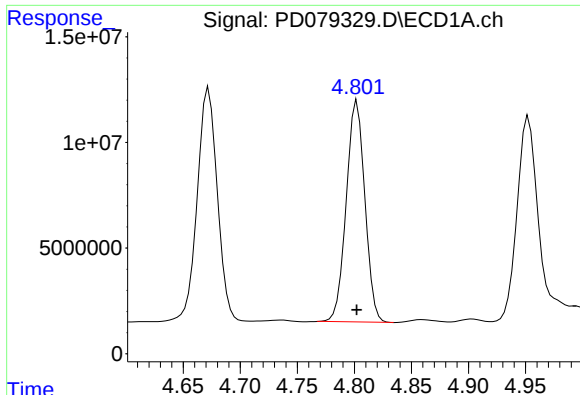
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 46003949
Conc: 42.93 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 68888668
Conc: 48.89 ng/ml



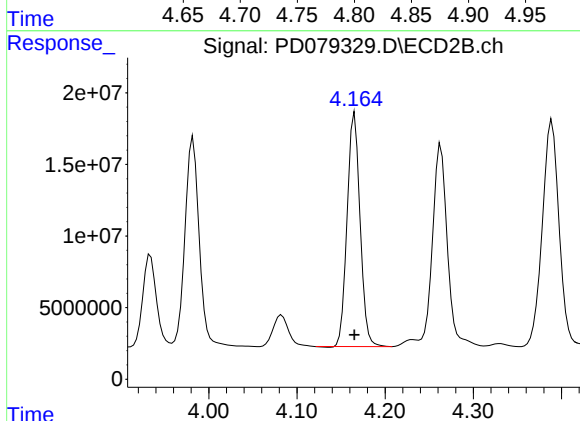
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 118741682
Conc: 44.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

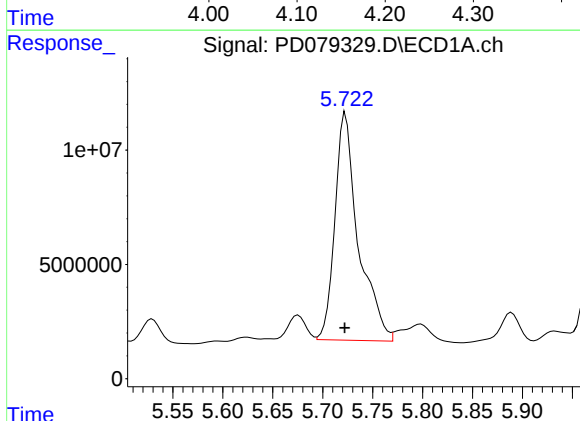
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



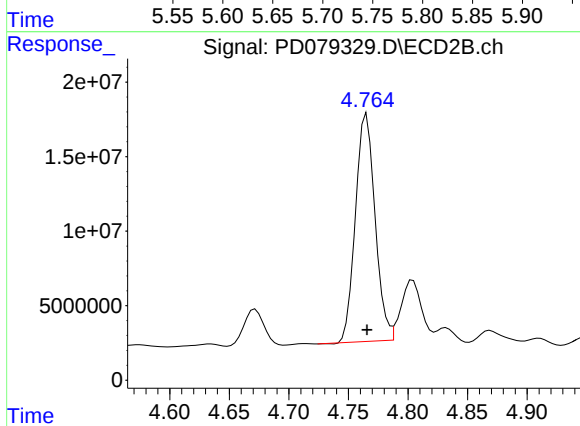
#7 delta-BHC

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 166587821
Conc: 49.75 ng/ml



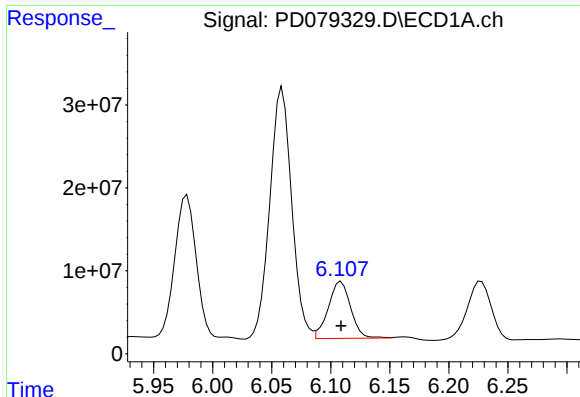
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 162196754
Conc: 69.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 175091284
Conc: 59.06 ng/ml



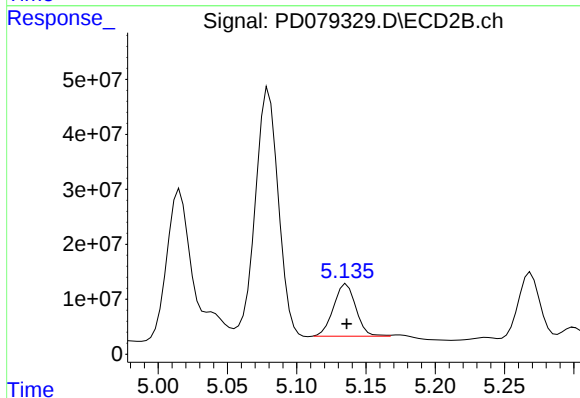
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 90594075
Conc: 41.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

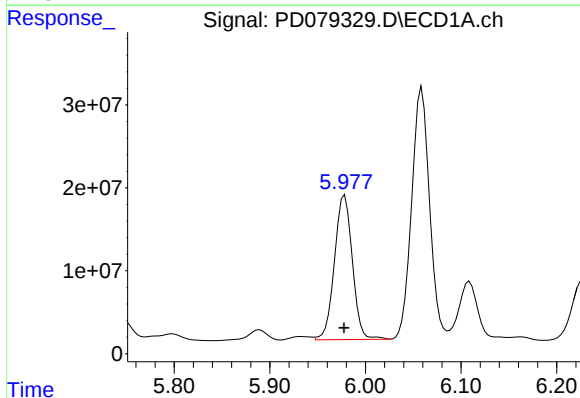
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



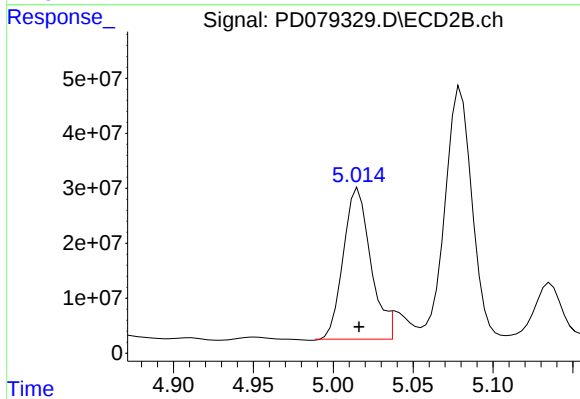
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 106463576
Conc: 40.21 ng/ml



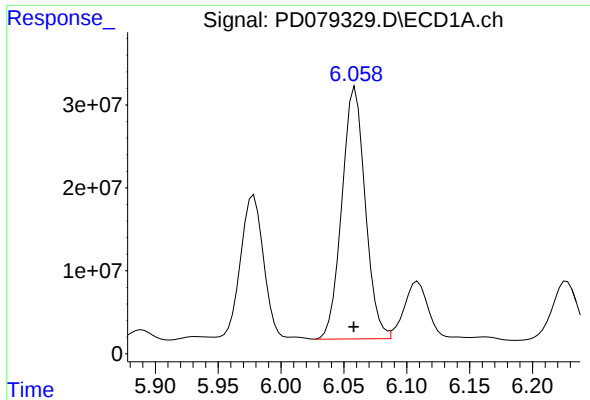
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 226444740
Conc: 98.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 327088552
Conc: 113.99 ng/ml m



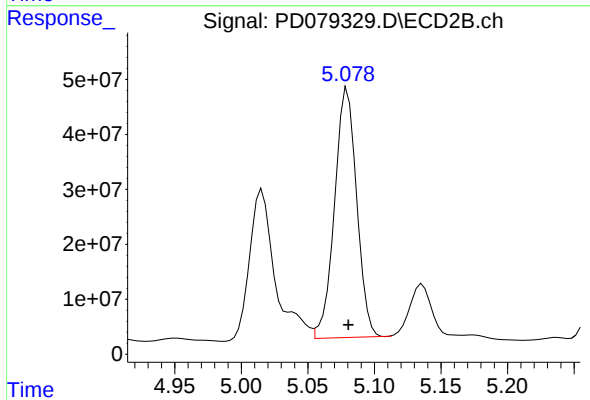
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.001 min
Response: 392141934
Conc: 171.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

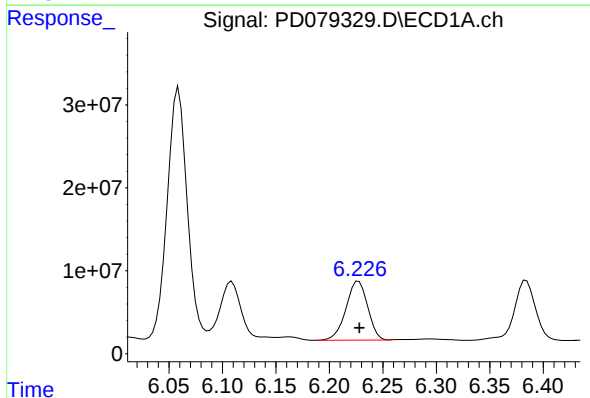
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



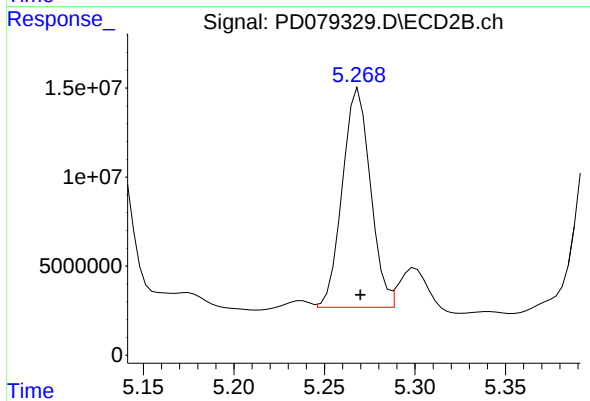
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 525782327
Conc: 183.21 ng/ml



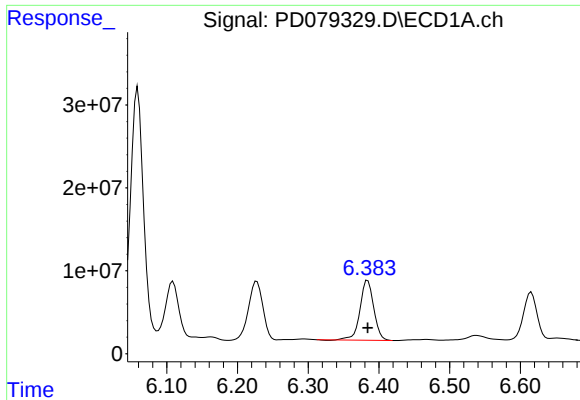
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 100291835
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 132603363
Conc: 49.81 ng/ml



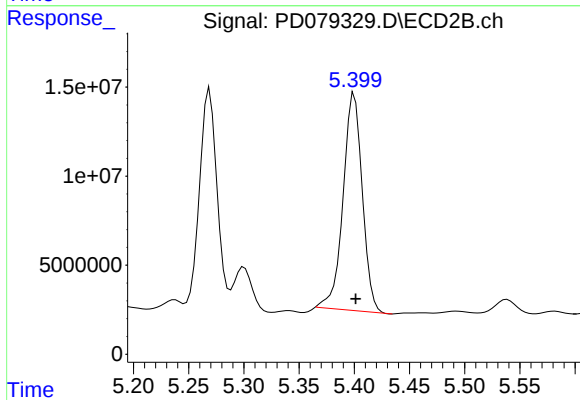
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 97221487
Conc: 41.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

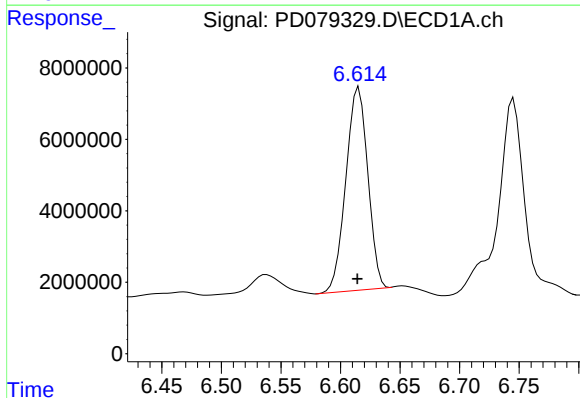
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



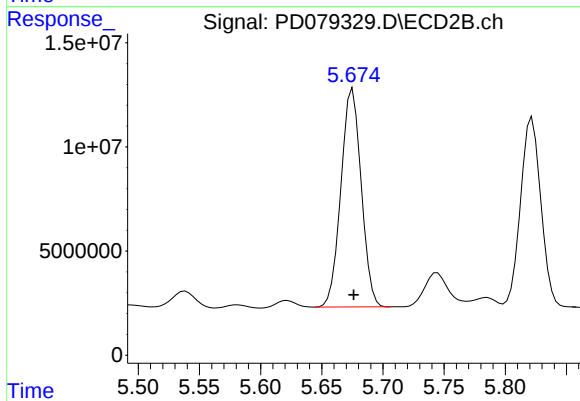
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 147844643
Conc: 49.78 ng/ml



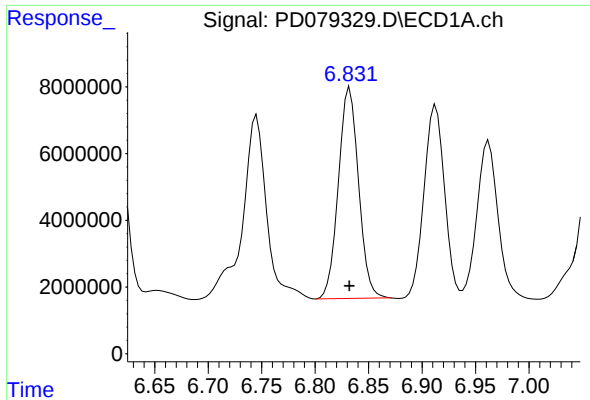
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.001 min
Response: 72852803
Conc: 37.41 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 120926632
Conc: 47.25 ng/ml



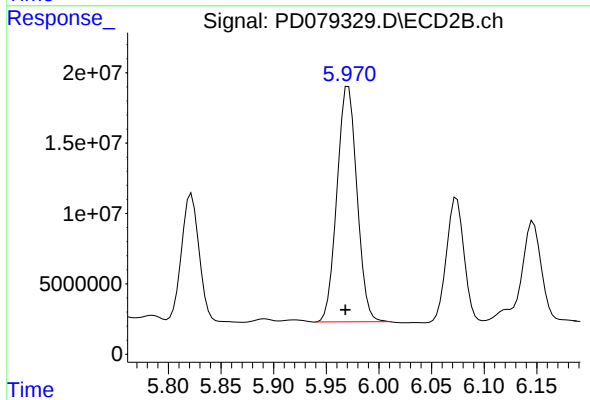
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 82895009
Conc: 40.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

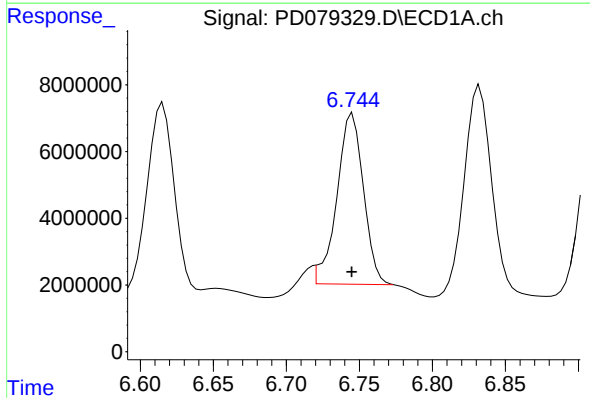
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



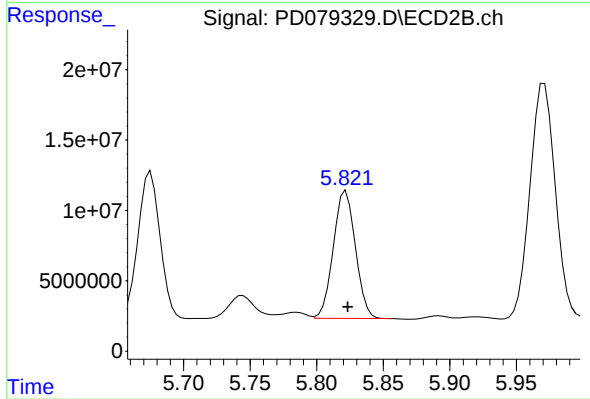
#15 Endosulfan II

R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 221763356
Conc: 88.83 ng/ml



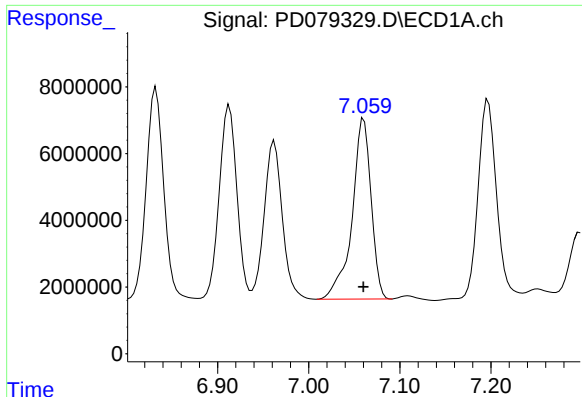
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 64555456
Conc: 36.72 ng/ml m



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 104822879
Conc: 45.89 ng/ml



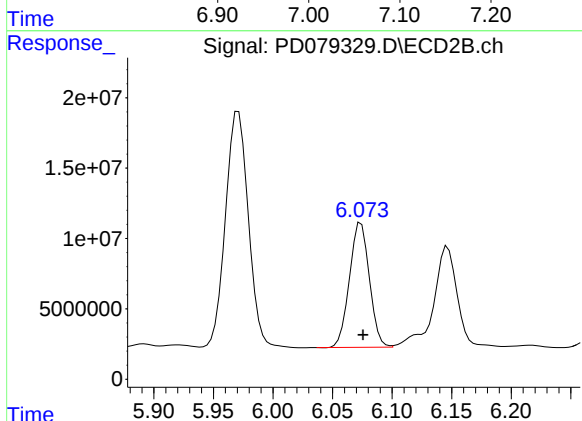
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 78512541
Conc: 41.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

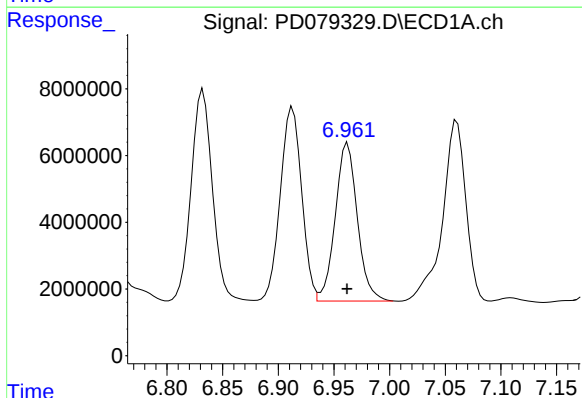
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



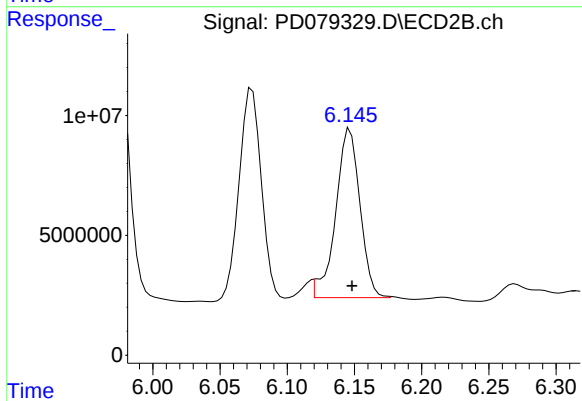
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 102946898
Conc: 44.97 ng/ml



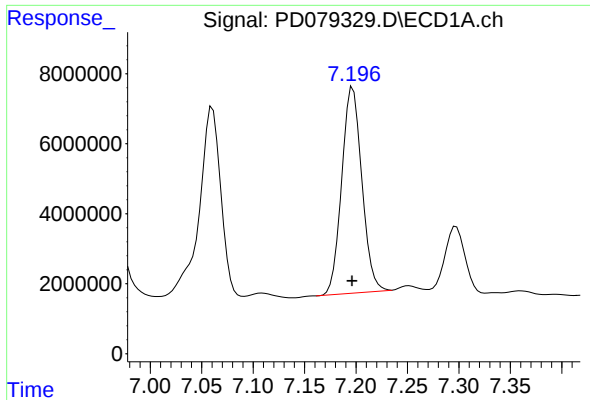
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 65501764
Conc: 42.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 87860366
Conc: 47.25 ng/ml m



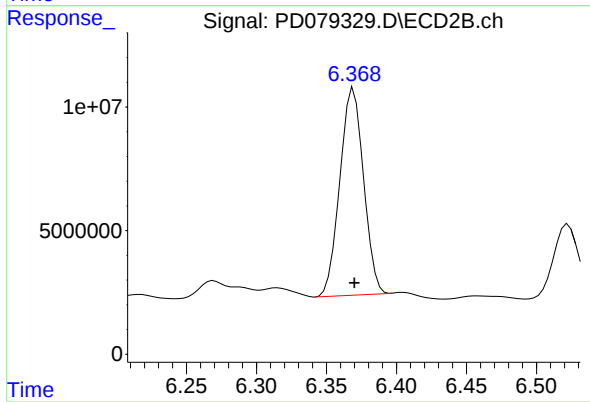
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 80427669
Conc: 40.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

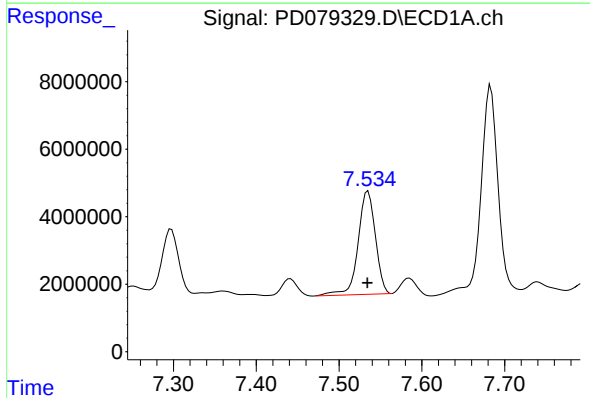
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



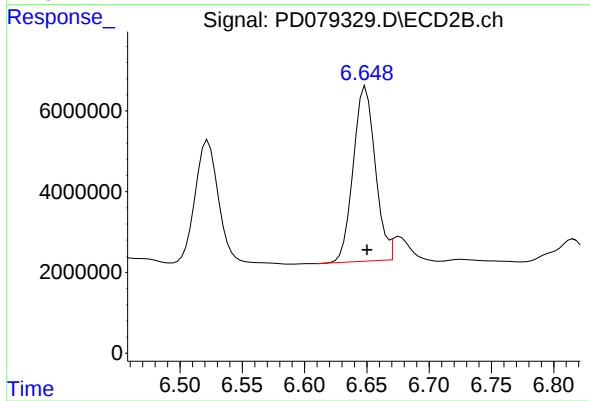
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 98570184
Conc: 42.22 ng/ml



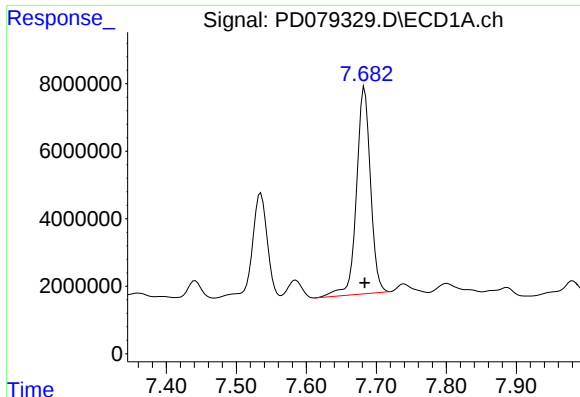
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 44354772
Conc: 40.48 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 53312096
Conc: 39.27 ng/ml



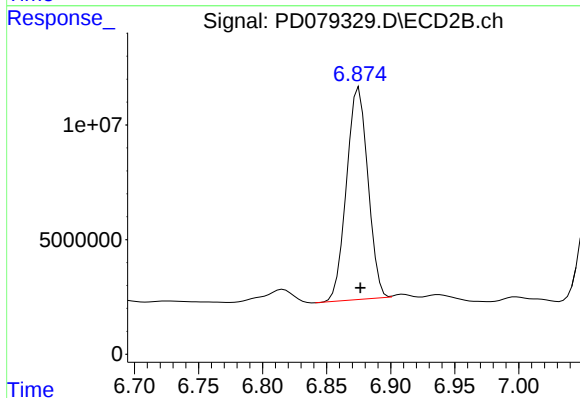
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 85149691
Conc: 39.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

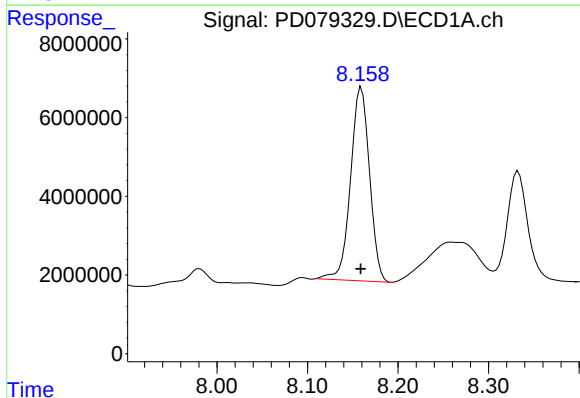
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



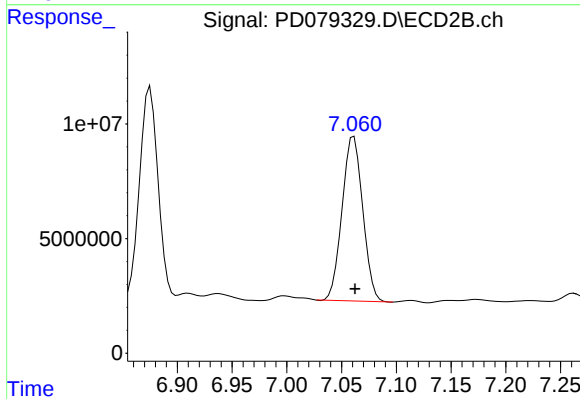
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 107550556
Conc: 38.47 ng/ml



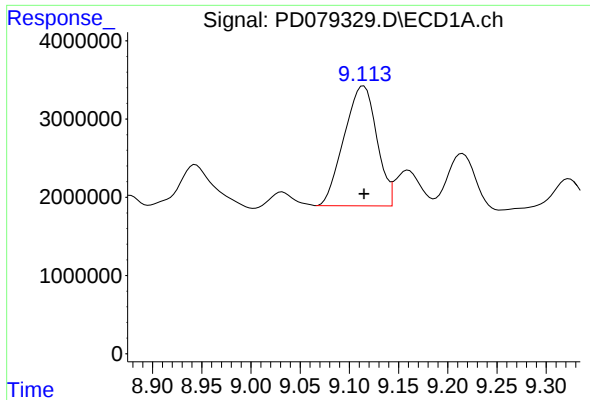
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 71702749
Conc: 42.36 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.001 min
Response: 94302171
Conc: 44.14 ng/ml



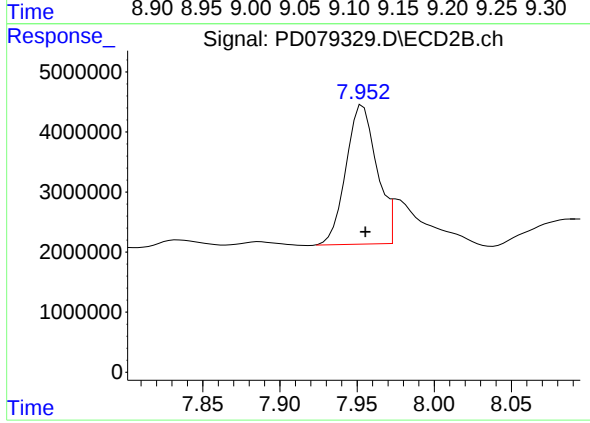
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 35516963
Conc: 17.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
ETGI-352MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/01/2023
Supervised By :mohammad ahmed 11/02/2023



#28 Decachlorobiphenyl

R.T.: 7.952 min
Delta R.T.: -0.003 min
Response: 32688450
Conc: 13.41 ng/ml m