

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
 Data File : PD079183.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2023 17:08
 Operator : AR\AJ
 Sample : 05051-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 DUCT-BANK-1AMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/27/2023
 Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 22:55:07 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...	3.569	2.806	26109233	39727749	16.171	17.159
28)	SA Decachlor...	9.113	7.953	31599828	38570638	15.752	15.824
Target Compounds							
2)	A alpha-BHC	4.027	3.310	125.6E6	169.6E6	47.166	48.898
3)	MA gamma-BHC...	4.360	3.640	123.5E6	166.8E6	47.540	49.131
4)	MA Heptachlor	4.952	3.982	124.0E6	153.3E6	46.373	50.184
5)	MB Aldrin	5.297	4.264	123.3E6	162.6E6	47.831	49.699
6)	B beta-BHC	4.553	3.934	50085201	67088494	46.739	47.611
7)	B delta-BHC	4.801	4.166	127.6E6	166.4E6	47.675m	49.693
8)	B Heptachlo...	5.722	4.765	109.9E6	146.4E6	46.877	49.376
9)	A Endosulfan I	6.108	5.136	101.4E6	129.6E6	46.764	48.963
10)	B gamma-Chl...	5.978	5.016	107.0E6	141.7E6	46.676	49.390
11)	B alpha-Chl...	6.057	5.080	106.8E6	139.5E6	46.831	48.610
12)	B 4,4'-DDE	6.228	5.269	99831518	136.3E6	47.245	51.199
13)	MA Dieldrin	6.383	5.400	109.0E6	150.0E6	46.825	50.511
14)	MA Endrin	6.614	5.675	92017363	133.7E6	47.246	52.249
15)	B Endosulfa...	6.831	5.968	92941544	125.3E6	45.568	50.180
16)	A 4,4'-DDD	6.744	5.822	82520543	112.9E6	46.942	49.423
17)	MA 4,4'-DDT	7.060	6.074	84382049	113.9E6	44.560	49.737
18)	B Endrin al...	6.959	6.147	68530920	90888335	44.376m	48.883
19)	B Endosulfa...	7.195	6.369	89327445	116.3E6	44.930	49.830
20)	A Methoxychlor	7.533	6.649	46313747	63145330	42.266	46.511
21)	B Endrin ke...	7.682	6.875	101.0E6	137.5E6	46.322	49.198
22)	Mirex	8.158	7.061	83846224	122.0E6	49.535	57.097

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102623\
Data File : PD079183.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Oct 2023 17:08
Operator : AR\AJ
Sample : 05051-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

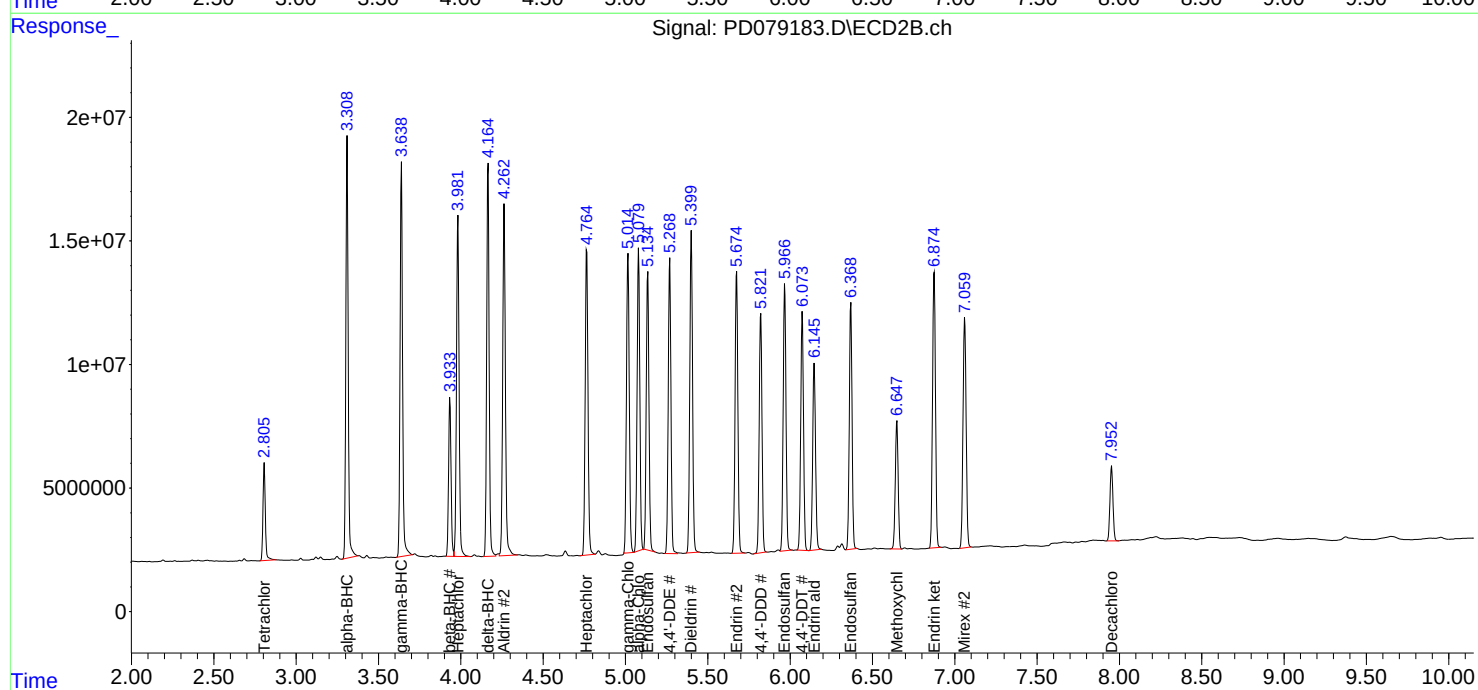
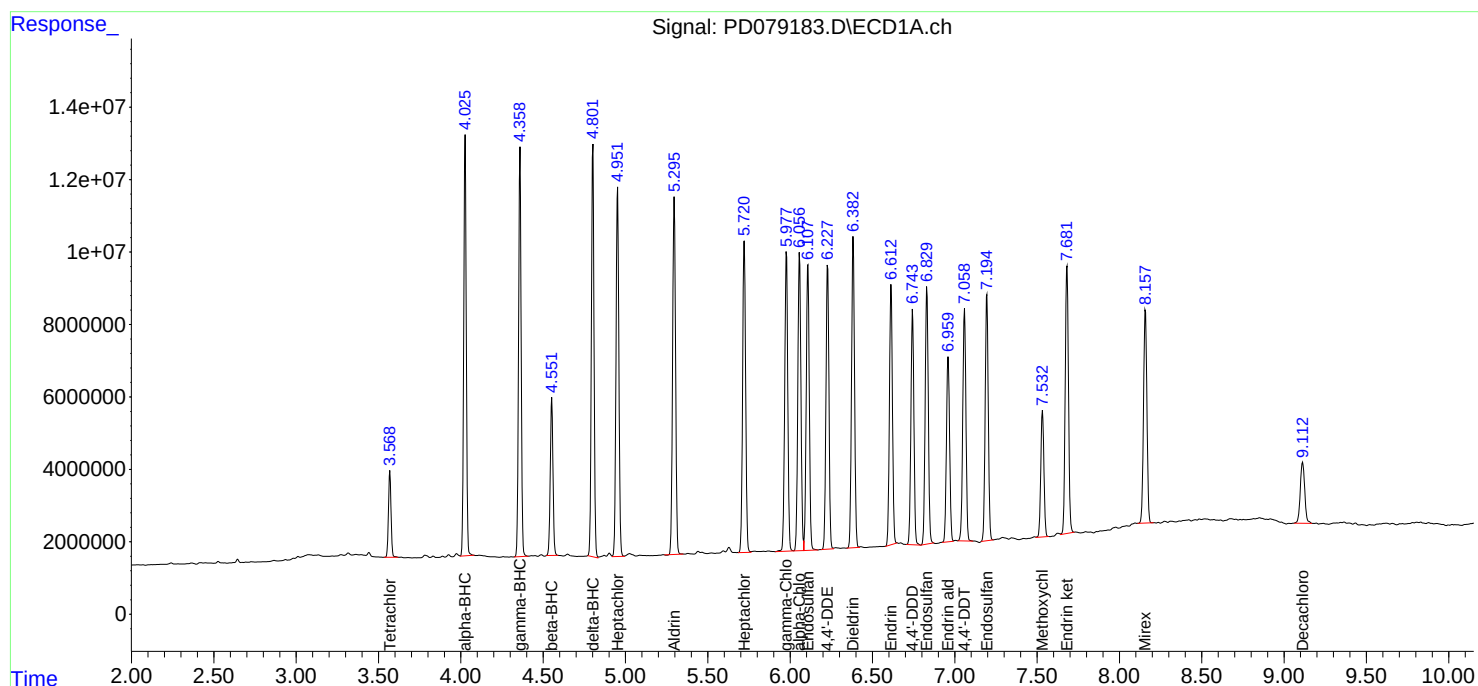
Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

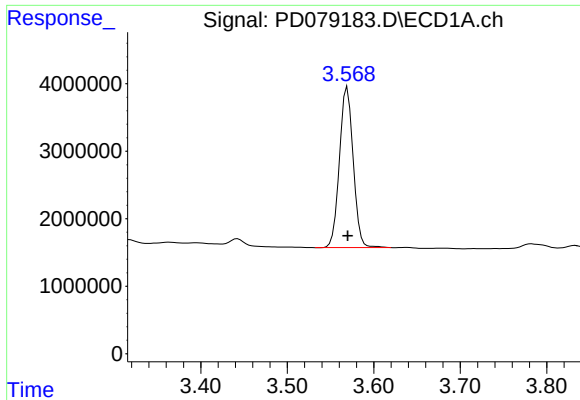
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 22:55:07 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





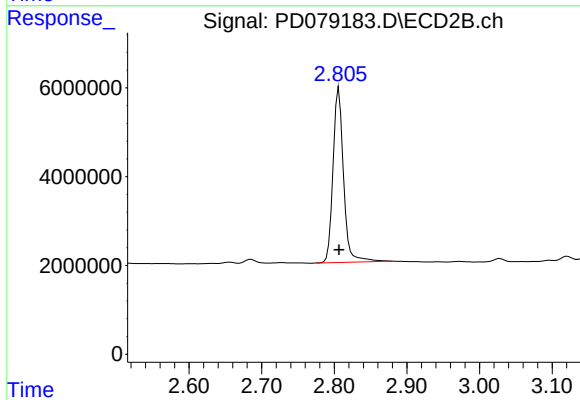
#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: 0.000 min
Response: 26109233
Conc: 16.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

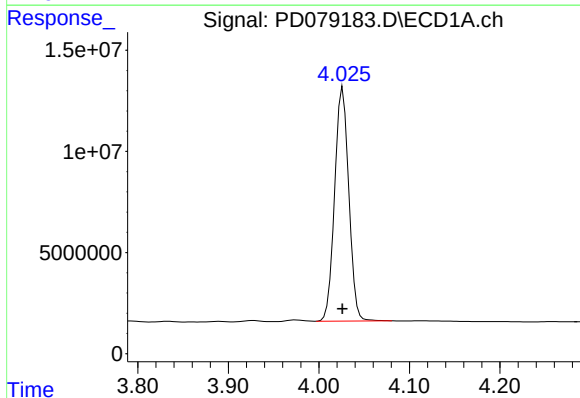
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



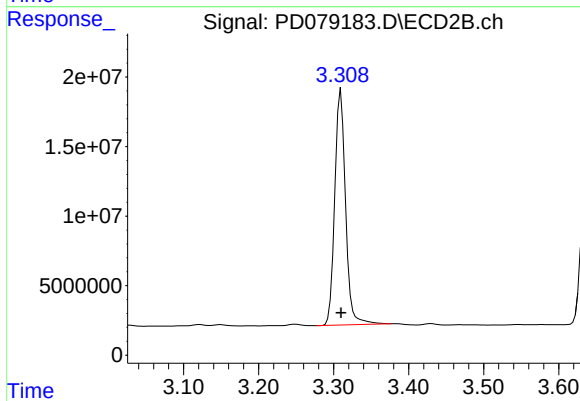
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 39727749
Conc: 17.16 ng/ml



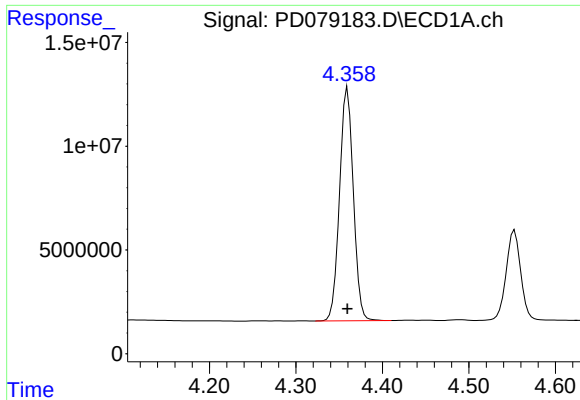
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 125560412
Conc: 47.17 ng/ml



#2 alpha-BHC

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 169551925
Conc: 48.90 ng/ml



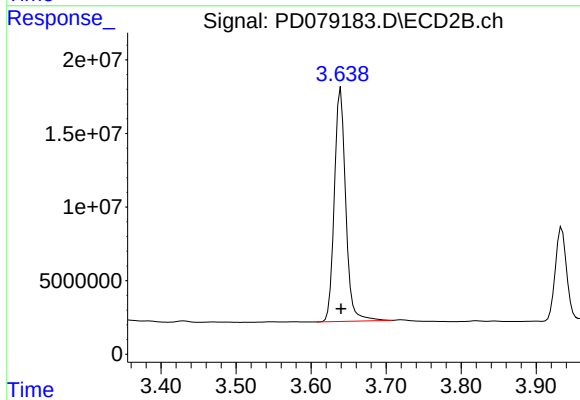
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 123548637
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

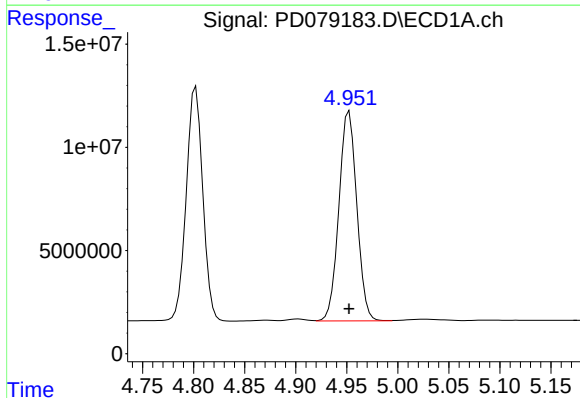
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



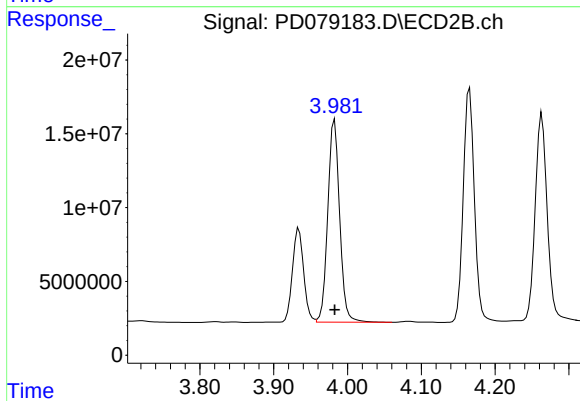
#3 gamma-BHC (Lindane)

R.T.: 3.640 min
Delta R.T.: 0.000 min
Response: 166839254
Conc: 49.13 ng/ml



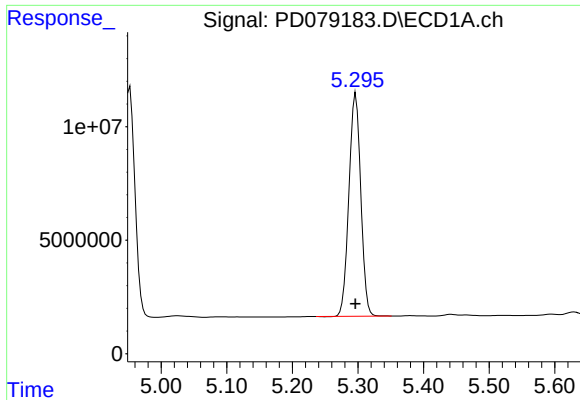
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 124045694
Conc: 46.37 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 153267010
Conc: 50.18 ng/ml



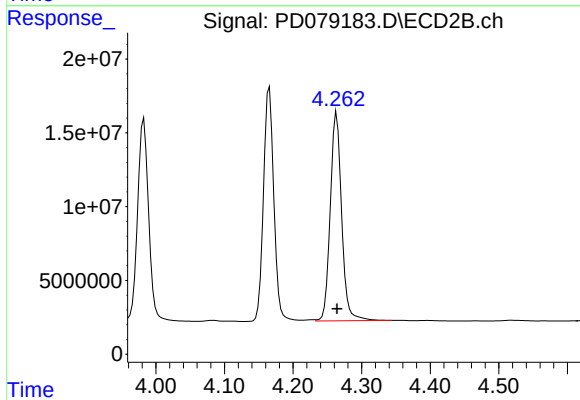
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 123251075
Conc: 47.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

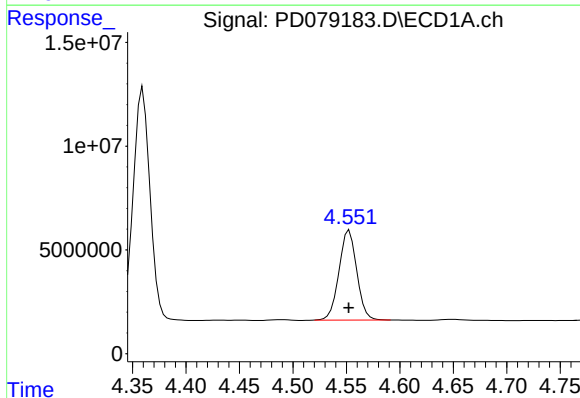
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



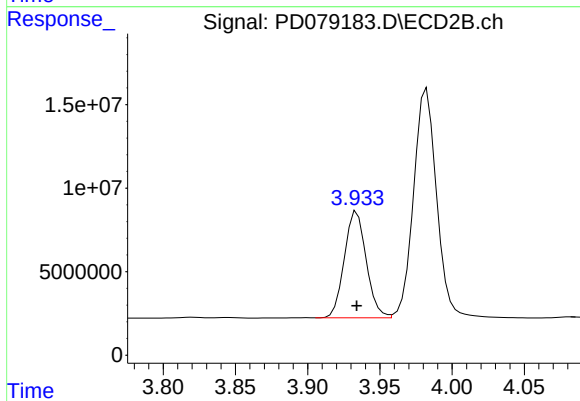
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 162581123
Conc: 49.70 ng/ml



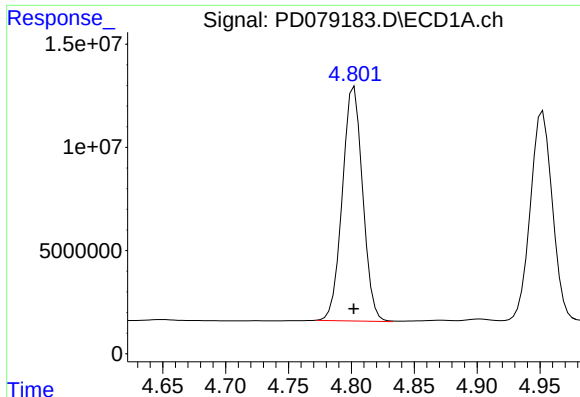
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 50085201
Conc: 46.74 ng/ml



#6 beta-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 67088494
Conc: 47.61 ng/ml



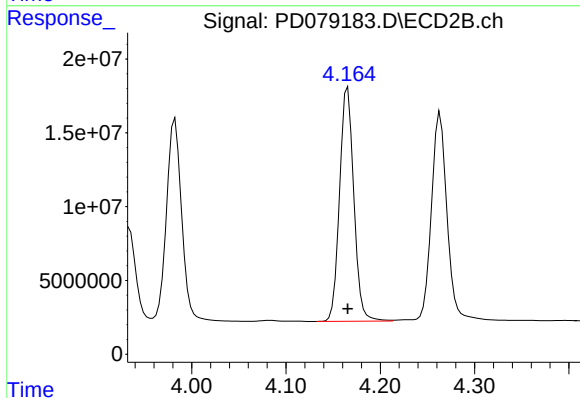
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 127629364
Conc: 47.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

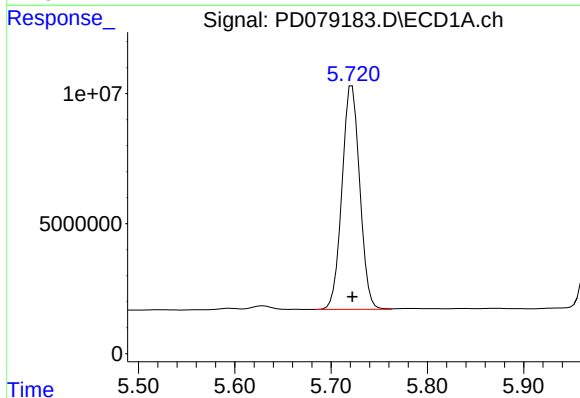
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



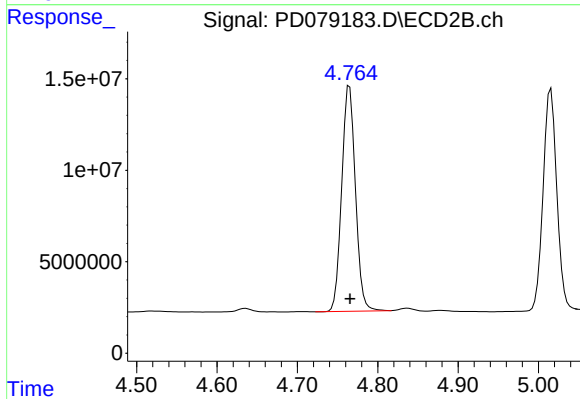
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 166382745
Conc: 49.69 ng/ml



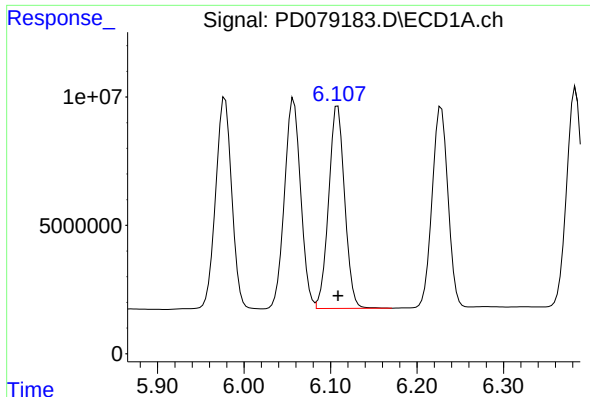
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 109865973
Conc: 46.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 146385485
Conc: 49.38 ng/ml



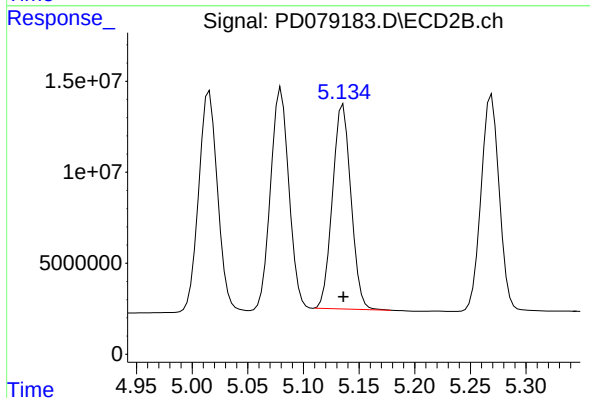
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 101382505
Conc: 46.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

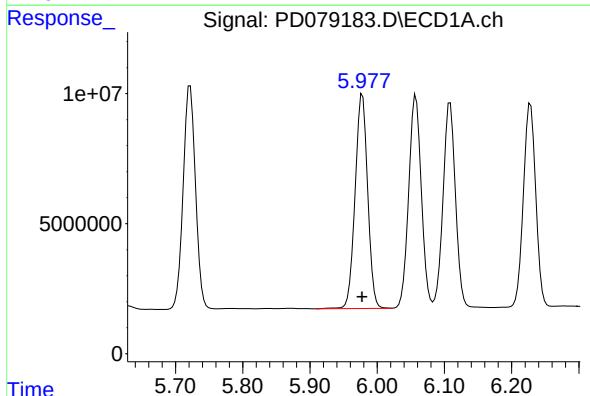
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



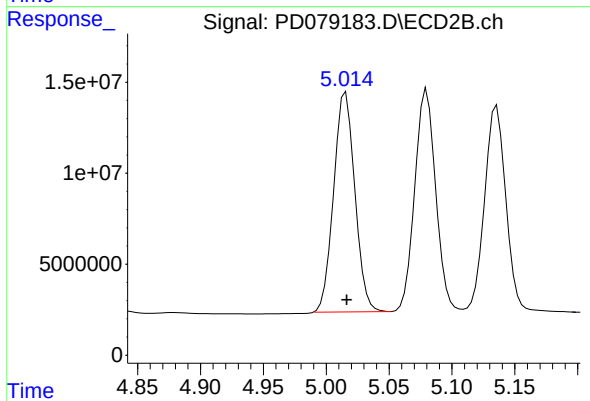
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 129639092
Conc: 48.96 ng/ml



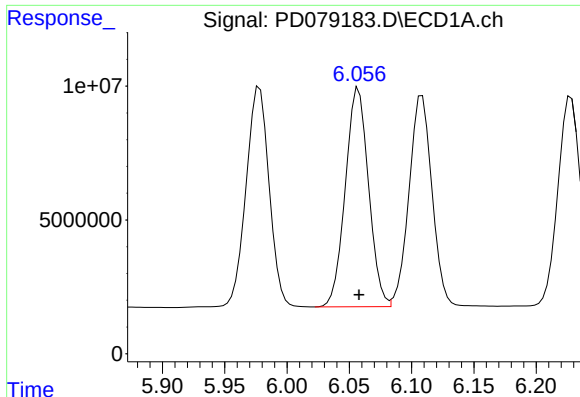
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 107015600
Conc: 46.68 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 141722843
Conc: 49.39 ng/ml



#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 106783915
Conc: 46.83 ng/ml

Instrument :

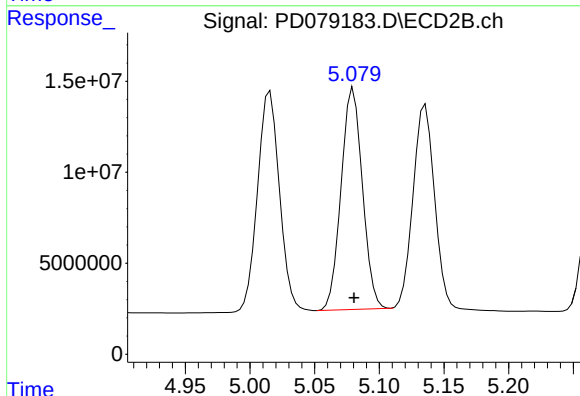
ECD_D

ClientSampleId :

DUCT-BANK-1AMSD

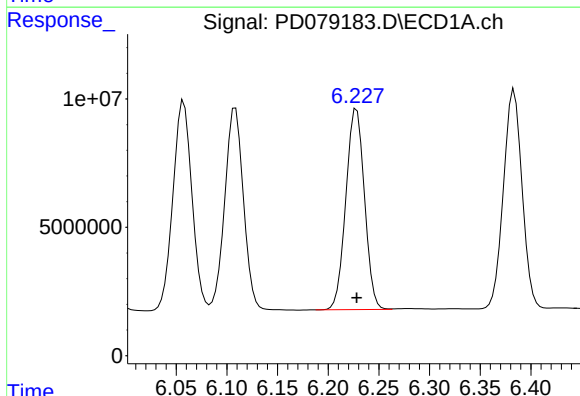
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



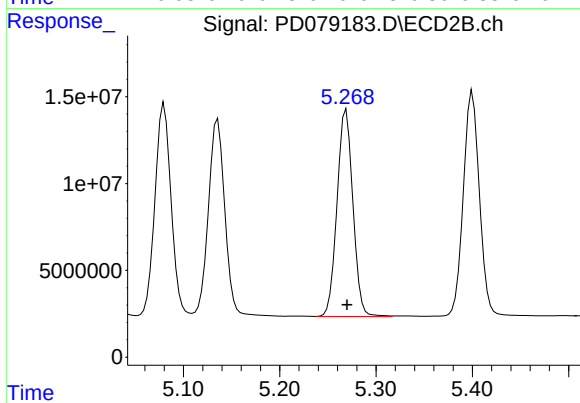
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 139503628
Conc: 48.61 ng/ml



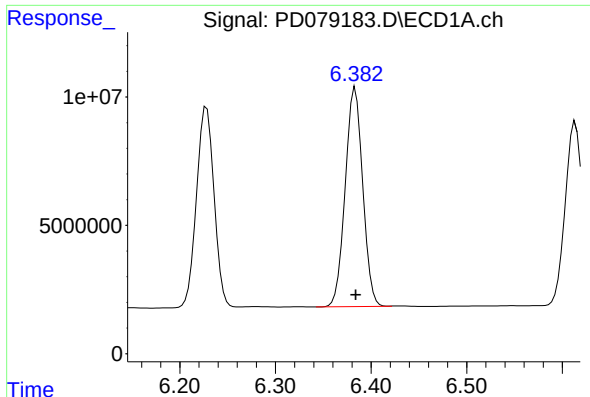
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 99831518
Conc: 47.24 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 136310488
Conc: 51.20 ng/ml



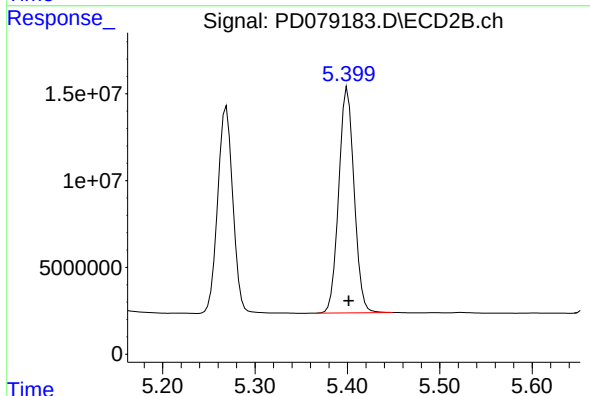
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 109047812
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

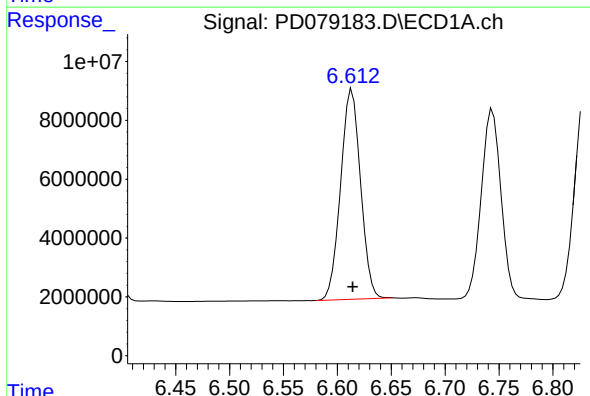
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



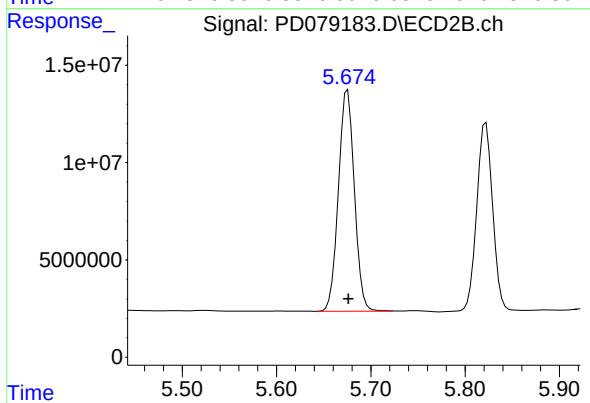
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 150012581
Conc: 50.51 ng/ml



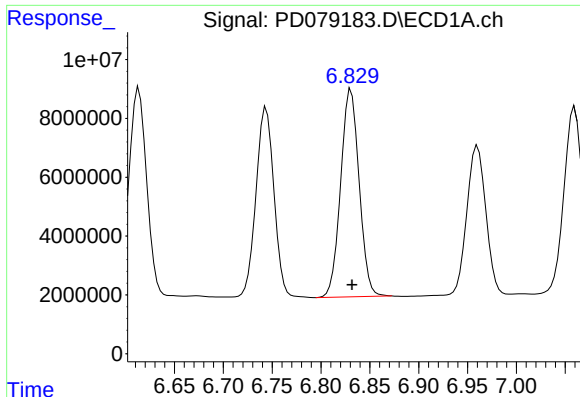
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 92017363
Conc: 47.25 ng/ml



#14 Endrin

R.T.: 5.675 min
Delta R.T.: 0.000 min
Response: 133712138
Conc: 52.25 ng/ml



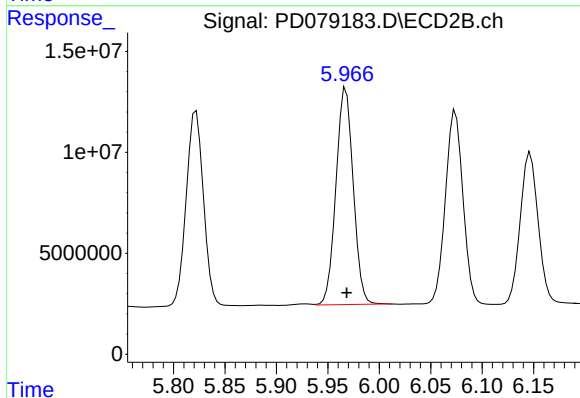
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.001 min
Response: 92941544
Conc: 45.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

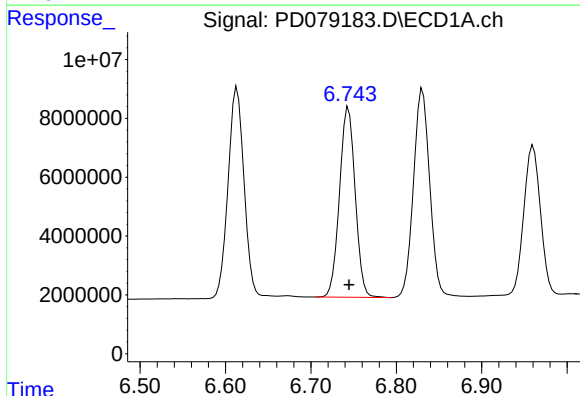
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



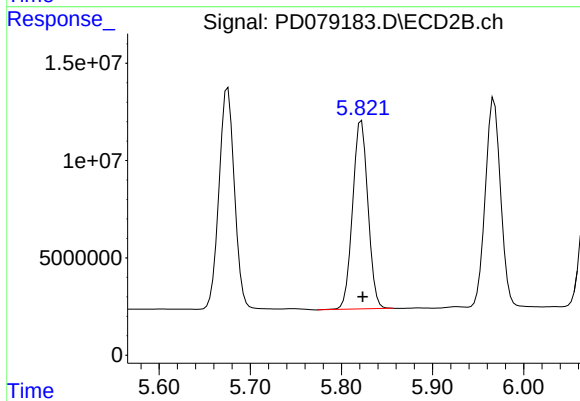
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 125274021
Conc: 50.18 ng/ml



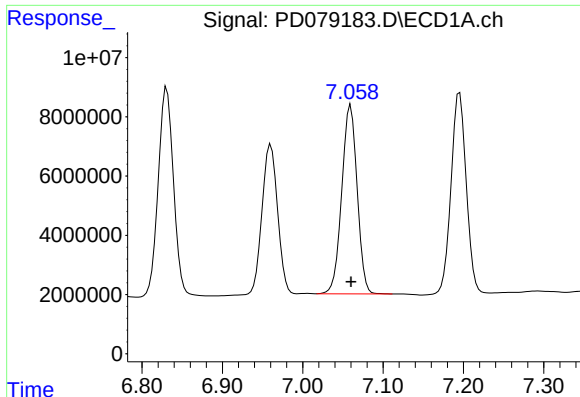
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 82520543
Conc: 46.94 ng/ml



#16 4,4'-DDD

R.T.: 5.822 min
Delta R.T.: -0.001 min
Response: 112894494
Conc: 49.42 ng/ml



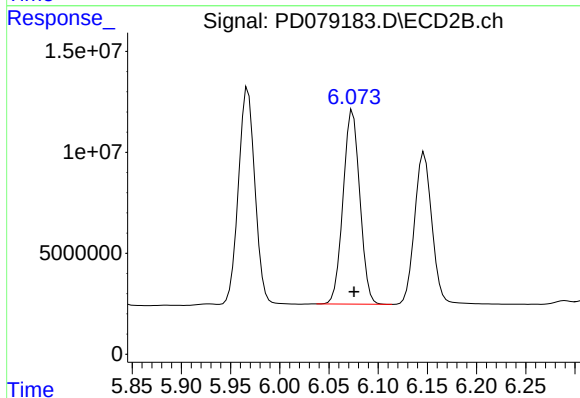
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 84382049
Conc: 44.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

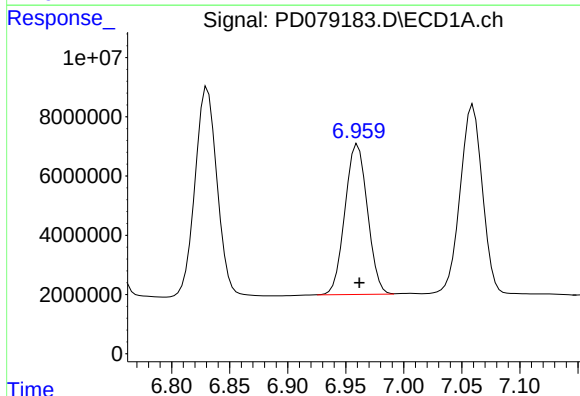
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



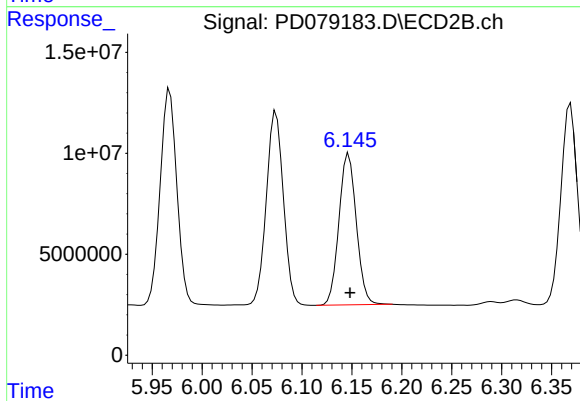
#17 4,4'-DDT

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 113867295
Conc: 49.74 ng/ml



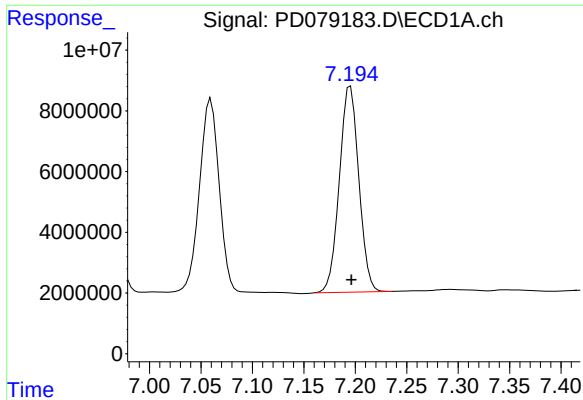
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 68530920
Conc: 44.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 90888335
Conc: 48.88 ng/ml



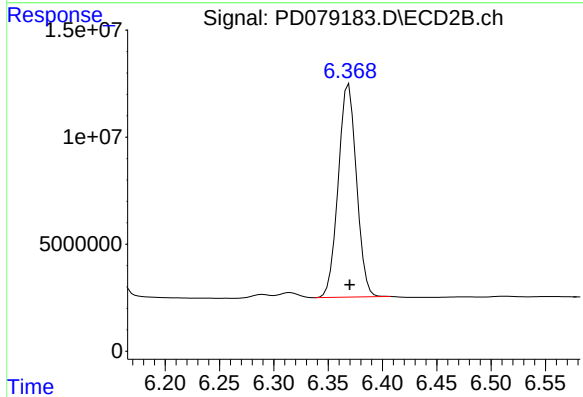
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 89327445
Conc: 44.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

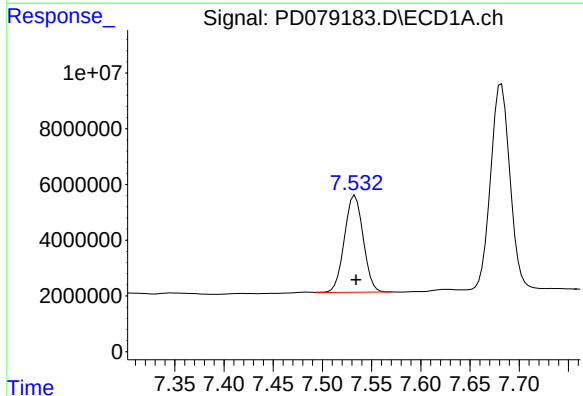
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



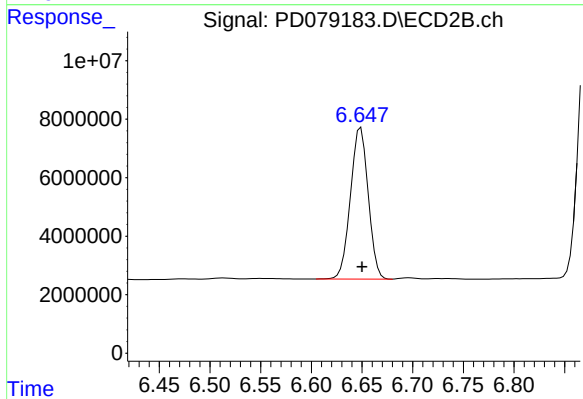
#19 Endosulfan Sulfate

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 116343987
Conc: 49.83 ng/ml



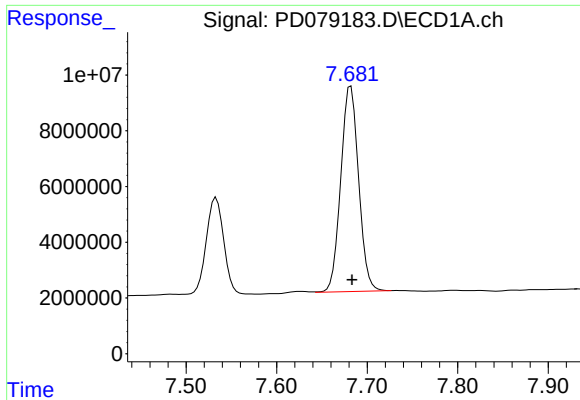
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 46313747
Conc: 42.27 ng/ml



#20 Methoxychlor

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 63145330
Conc: 46.51 ng/ml



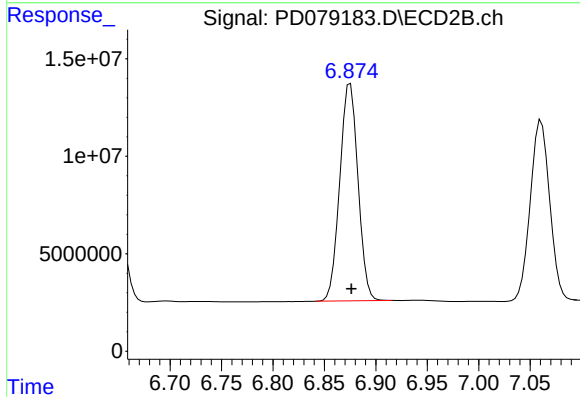
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: -0.001 min
Response: 100990672
Conc: 46.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

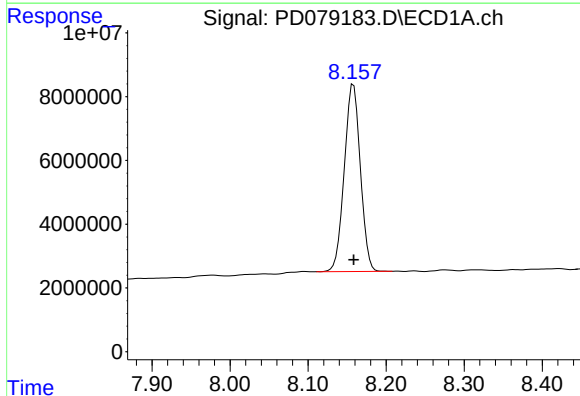
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



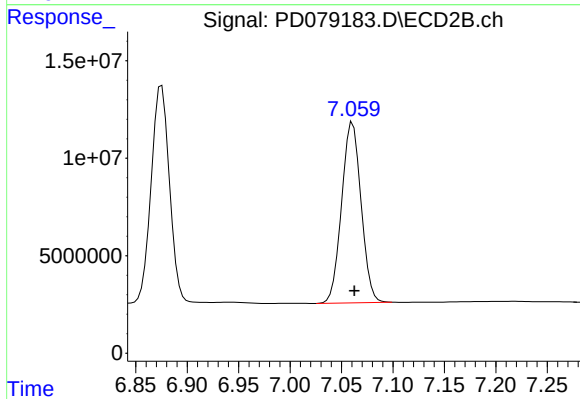
#21 Endrin ketone

R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 137545813
Conc: 49.20 ng/ml



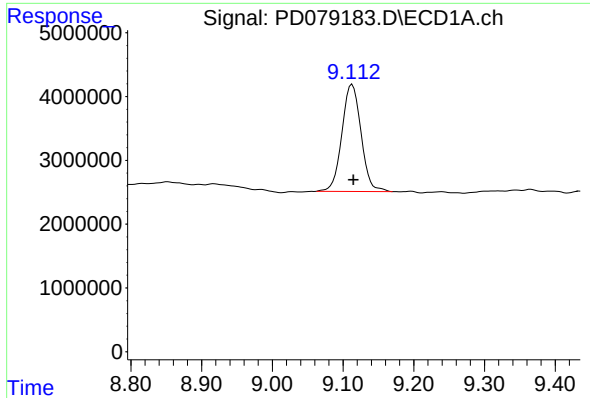
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 83846224
Conc: 49.54 ng/ml



#22 Mirex

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 121978375
Conc: 57.10 ng/ml



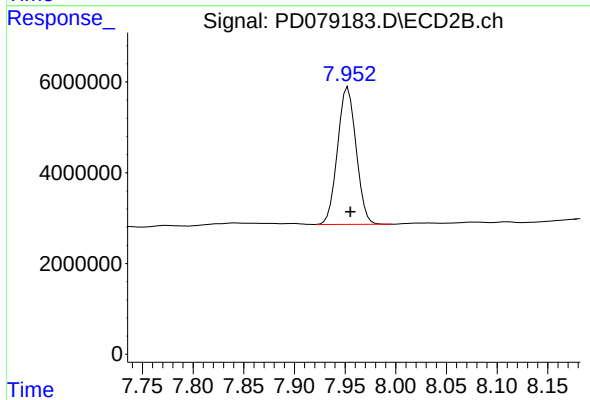
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 31599828
Conc: 15.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
DUCT-BANK-1AMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/27/2023
Supervised By :Ankita Jodhani 10/27/2023



#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: -0.003 min
Response: 38570638
Conc: 15.82 ng/ml