

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
 Data File : PL083756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 09:47
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/29/2023
 Supervised By : Ankita Jodhani 06/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:21:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.439	2.695	109.4E6	131.2E6	44.029m	45.191
28)	SA Decachlor...	8.985	7.885	77697829	115.3E6	45.493	46.651
Target Compounds							
2)	A alpha-BHC	3.896	3.200	167.2E6	188.0E6	44.528	44.858
3)	MA gamma-BHC...	4.230	3.531	151.7E6	175.6E6	43.542	43.923
4)	MA Heptachlor	4.822	3.874	146.0E6	168.2E6	43.127	44.511
5)	MB Aldrin	5.165	4.154	147.3E6	160.6E6	42.825	44.906
6)	B beta-BHC	4.430	3.833	64933729	77951371	43.246	46.391
7)	B delta-BHC	4.676	4.062	152.0E6	170.0E6	44.302	44.730
8)	B Heptachlo...	5.592	4.660	142.4E6	191.2E6	42.120m	56.897m#
9)	A Endosulfan I	5.980	5.032	127.6E6	139.8E6	41.337	45.191
10)	B gamma-Chl...	5.851	4.915	143.0E6	179.2E6	42.478	52.610
11)	B alpha-Chl...	5.931	4.979	138.4E6	164.2E6	41.989	48.474
12)	B 4,4'-DDE	6.112	5.177	122.1E6	132.0E6	42.673	47.210
13)	MA Dieldrin	6.257	5.298	130.5E6	144.5E6	42.196	45.781m
14)	MA Endrin	6.485	5.575	109.4E6	127.8E6	41.449m	48.010
15)	B Endosulfa...	6.706	5.872	105.0E6	122.1E6	43.981m	47.645
16)	A 4,4'-DDD	6.631	5.734	103.7E6	118.1E6	47.908	54.466m
17)	MA 4,4'-DDT	6.946	5.988	99296966	114.3E6	42.277	46.081
18)	B Endrin al...	6.839	6.054	83774976	98290995	45.269	48.064
19)	B Endosulfa...	7.075	6.281	107.5E6	132.9E6	44.501	51.082
20)	A Methoxychlor	7.430	6.574	48349726	53884813	41.801	42.559
21)	B Endrin ke...	7.557	6.785	108.7E6	132.0E6	46.780m	45.532
22)	Mirex	8.035	6.966	81277472	117.3E6	42.680	46.427m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
Data File : PL083756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jun 2023 09:47
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

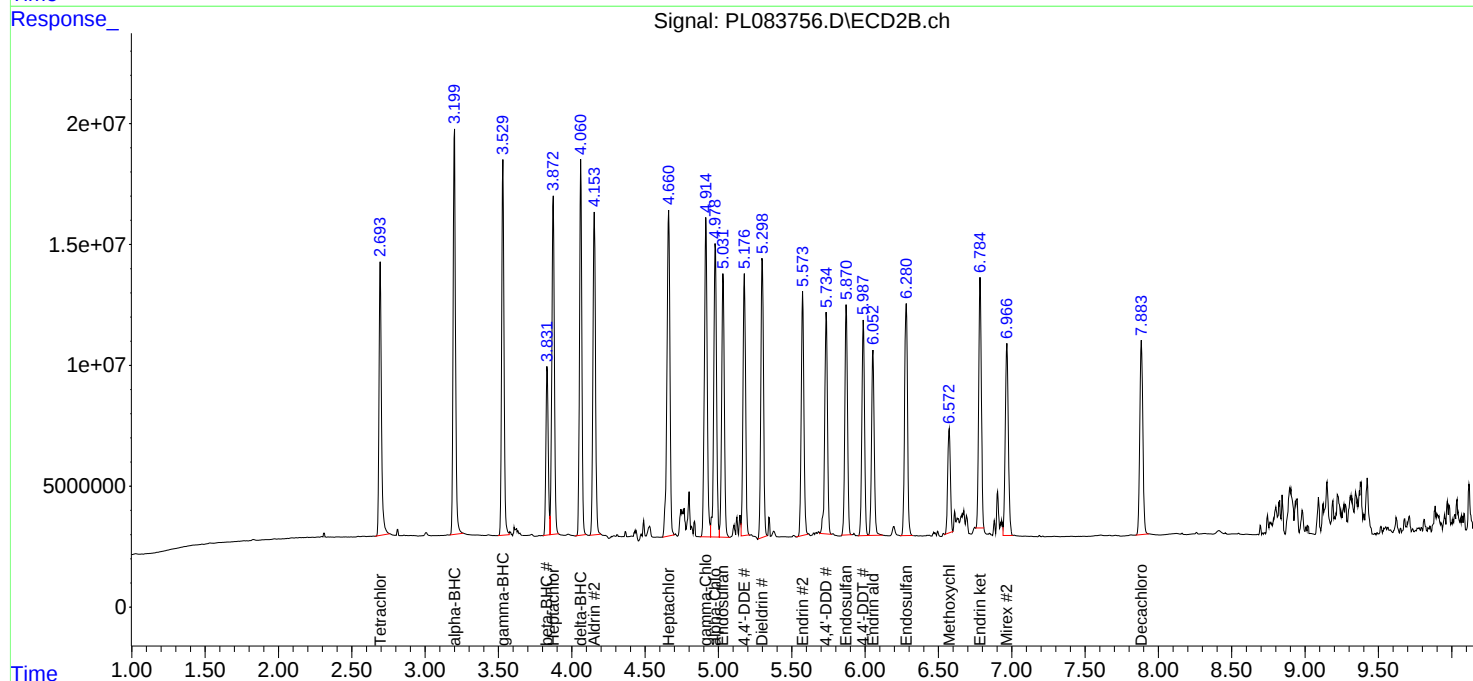
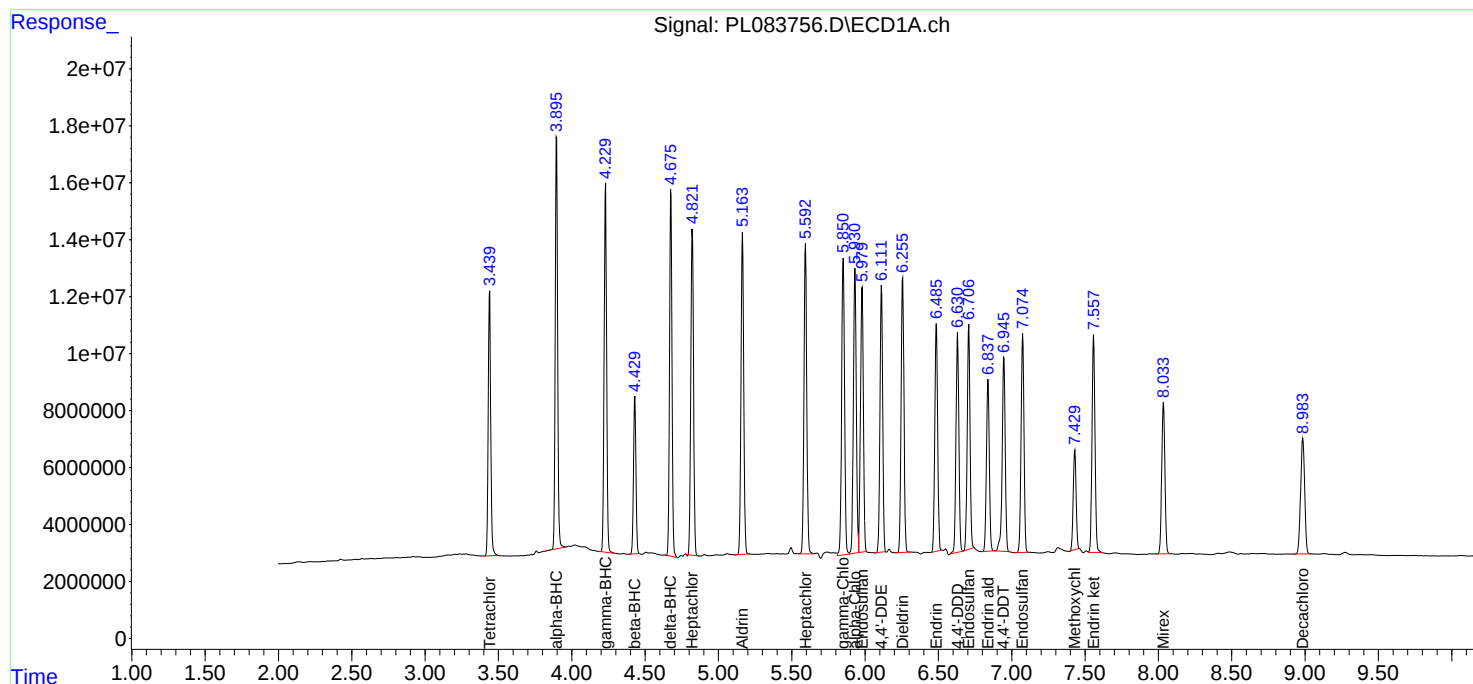
Manual Integrations

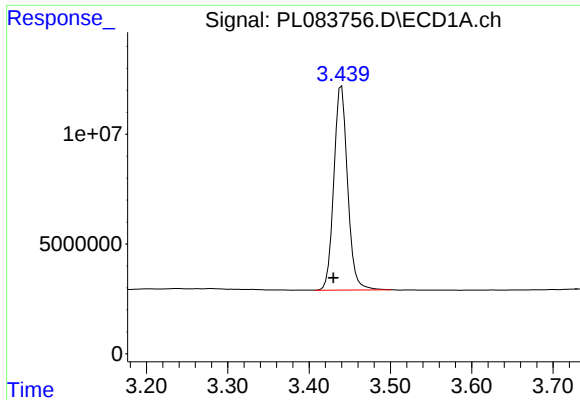
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Reviewed By :Abdul Mirza 06/29/2023
Supervised By :Ankita Jodhani 06/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 29 02:21:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 2023
Response via : Initial Calibration
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Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





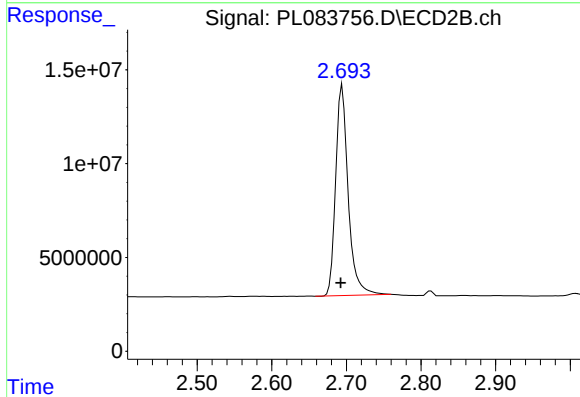
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.009 min
Response: 109397074
Conc: 44.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

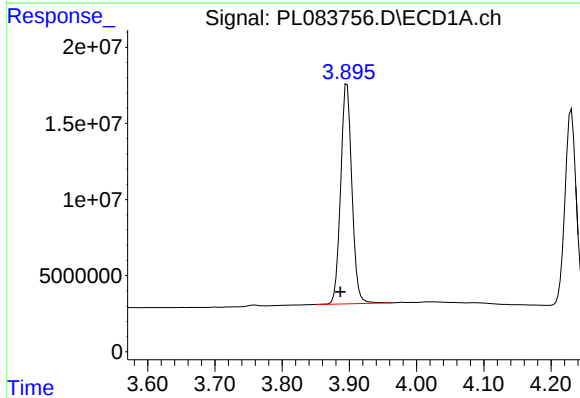
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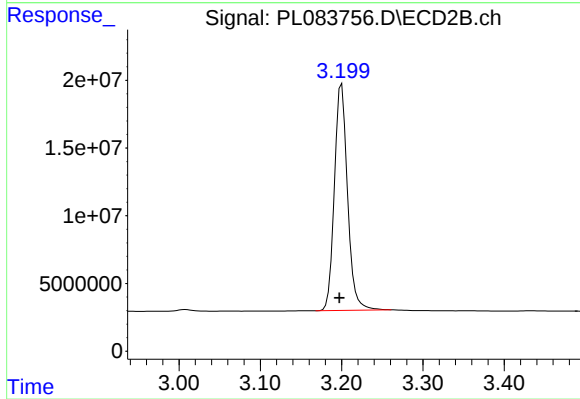
#1 Tetrachloro-m-xylene

R.T.: 2.695 min
Delta R.T.: 0.002 min
Response: 131215801
Conc: 45.19 ng/ml



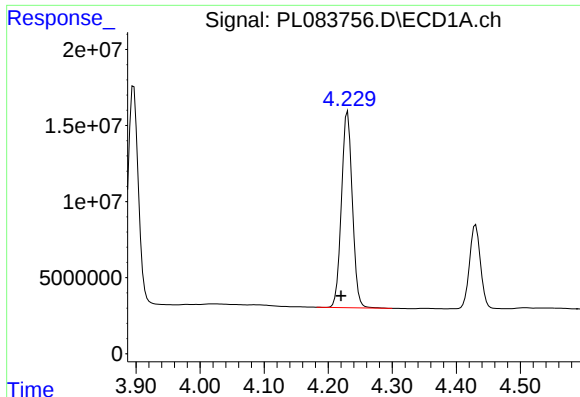
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: 0.010 min
Response: 167200385
Conc: 44.53 ng/ml



#2 alpha-BHC

R.T.: 3.200 min
Delta R.T.: 0.003 min
Response: 187971675
Conc: 44.86 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.230 min
Delta R.T.: 0.010 min
Response: 151692413
Conc: 43.54 ng/ml

Instrument :

ECD_L

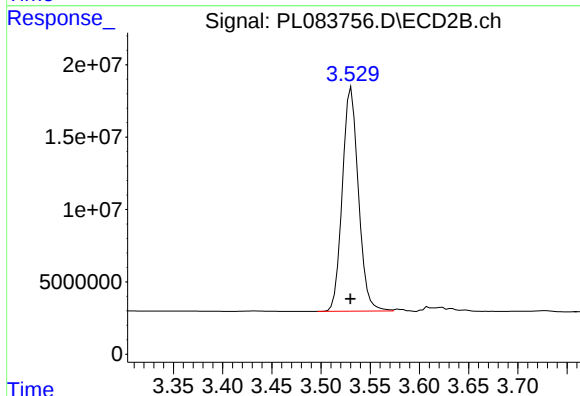
ClientSampleId :

PSTDCCC050

Manual Integrations

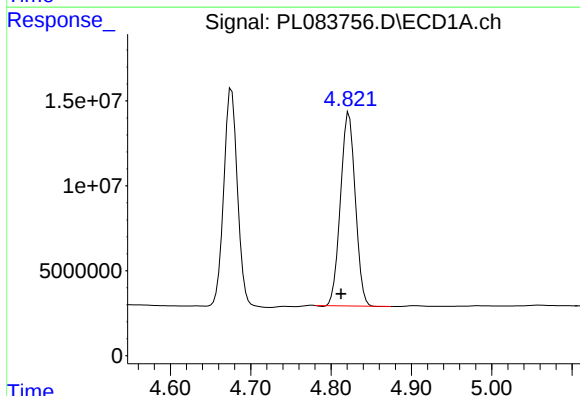
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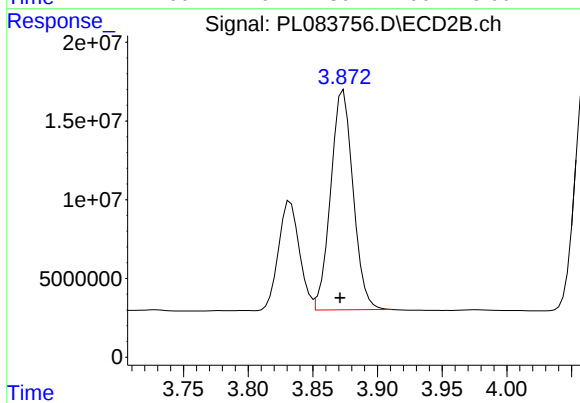
#3 gamma-BHC (Lindane)

R.T.: 3.531 min
Delta R.T.: 0.001 min
Response: 175551242
Conc: 43.92 ng/ml



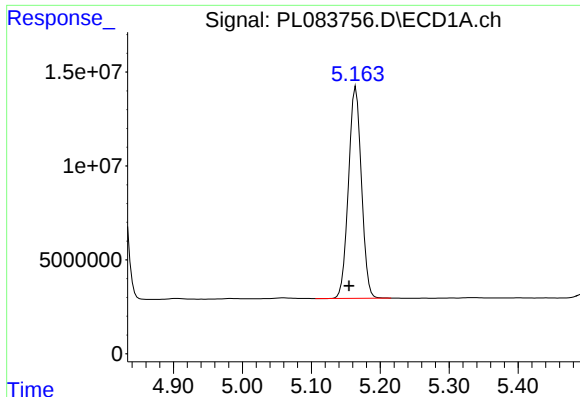
#4 Heptachlor

R.T.: 4.822 min
Delta R.T.: 0.010 min
Response: 145956587
Conc: 43.13 ng/ml



#4 Heptachlor

R.T.: 3.874 min
Delta R.T.: 0.003 min
Response: 168196041
Conc: 44.51 ng/ml



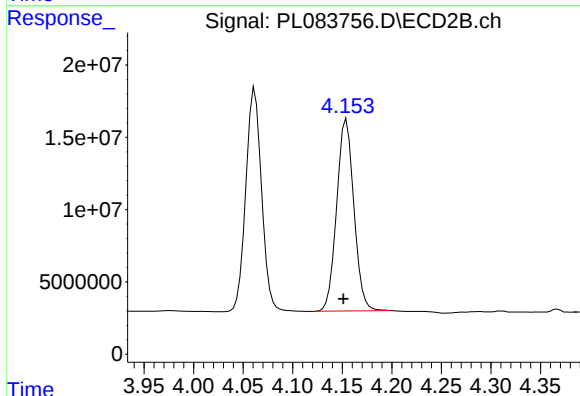
#5 Aldrin

R.T.: 5.165 min
Delta R.T.: 0.010 min
Response: 147276108
Conc: 42.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

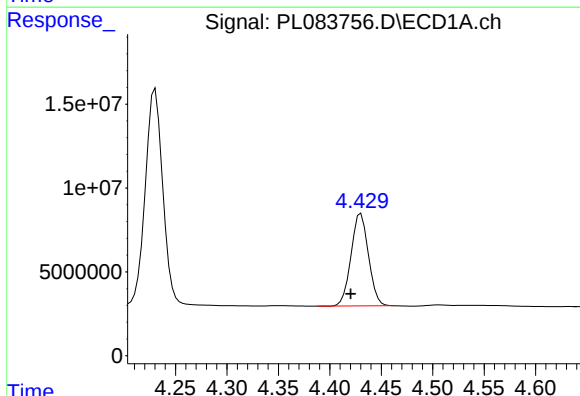
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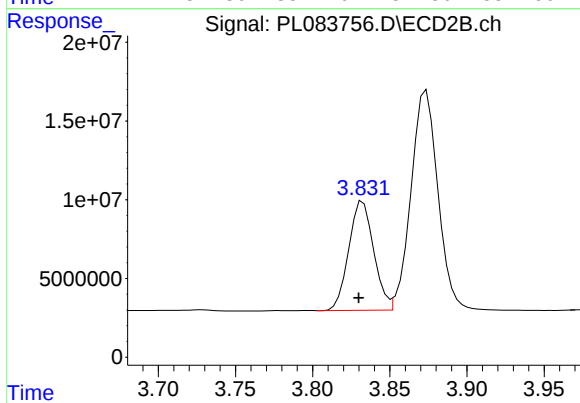
#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.003 min
Response: 160623476
Conc: 44.91 ng/ml



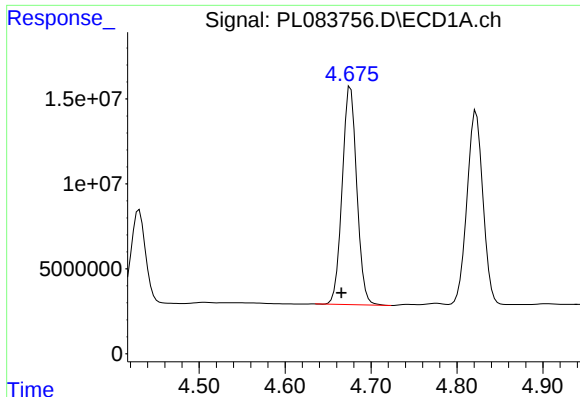
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.010 min
Response: 64933729
Conc: 43.25 ng/ml



#6 beta-BHC

R.T.: 3.833 min
Delta R.T.: 0.003 min
Response: 77951371
Conc: 46.39 ng/ml



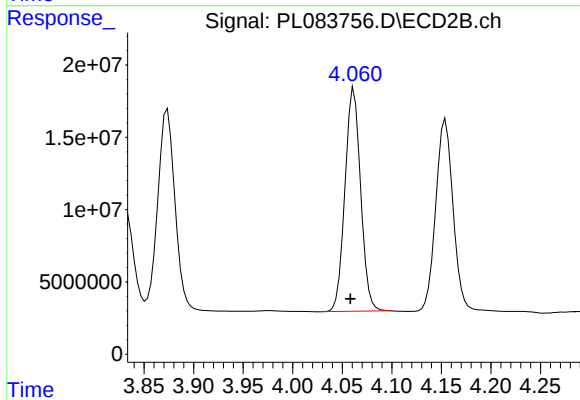
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.010 min
Response: 152018586
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

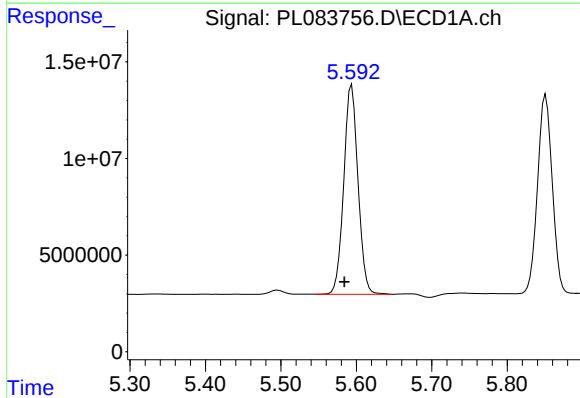
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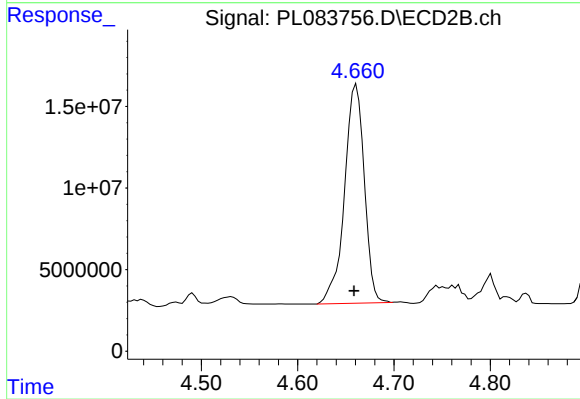
#7 delta-BHC

R.T.: 4.062 min
Delta R.T.: 0.004 min
Response: 169954347
Conc: 44.73 ng/ml



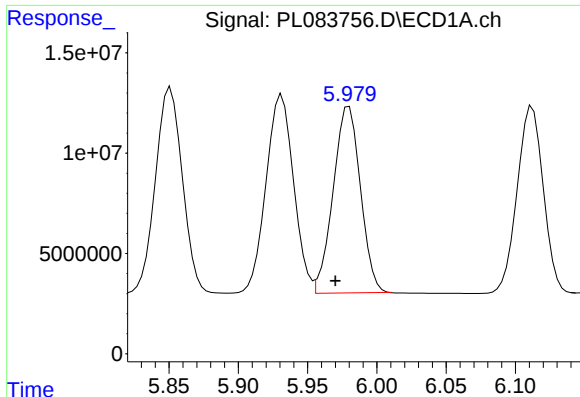
#8 Heptachlor epoxide

R.T.: 5.592 min
Delta R.T.: 0.008 min
Response: 142399971
Conc: 42.12 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 191199566
Conc: 56.90 ng/ml m



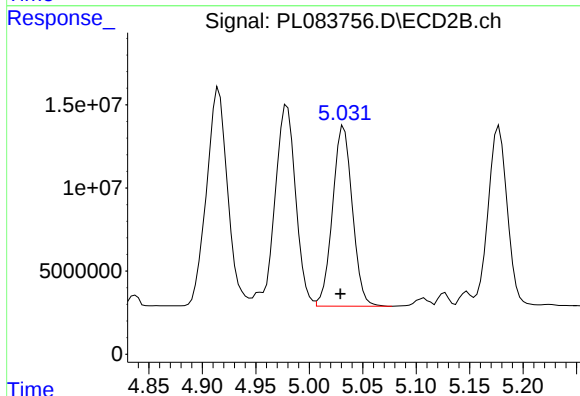
#9 Endosulfan I

R.T.: 5.980 min
Delta R.T.: 0.010 min
Response: 127552981
Conc: 41.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

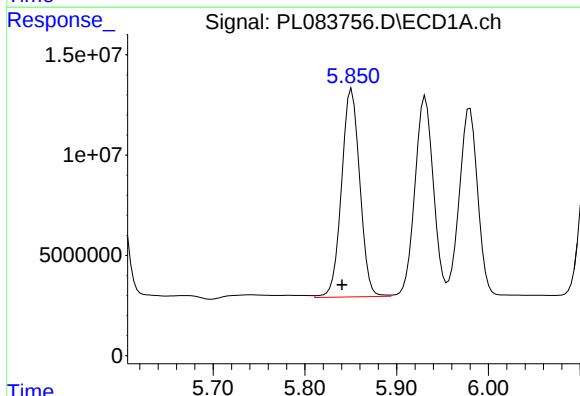
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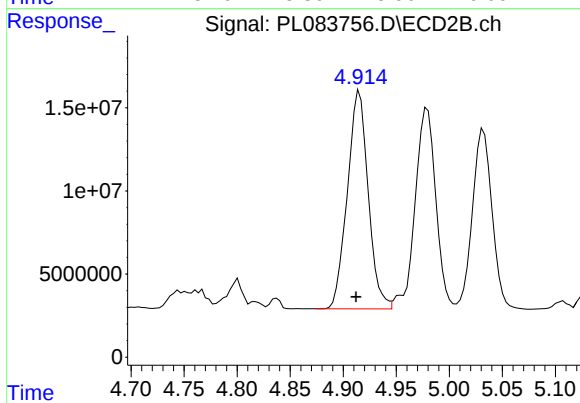
#9 Endosulfan I

R.T.: 5.032 min
Delta R.T.: 0.003 min
Response: 139785215
Conc: 45.19 ng/ml



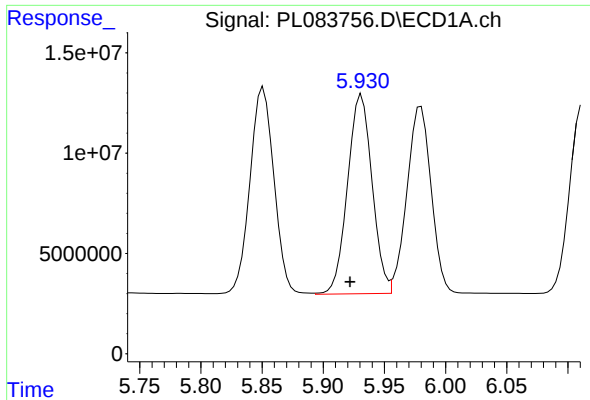
#10 gamma-Chlordane

R.T.: 5.851 min
Delta R.T.: 0.011 min
Response: 142994700
Conc: 42.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 179223150
Conc: 52.61 ng/ml



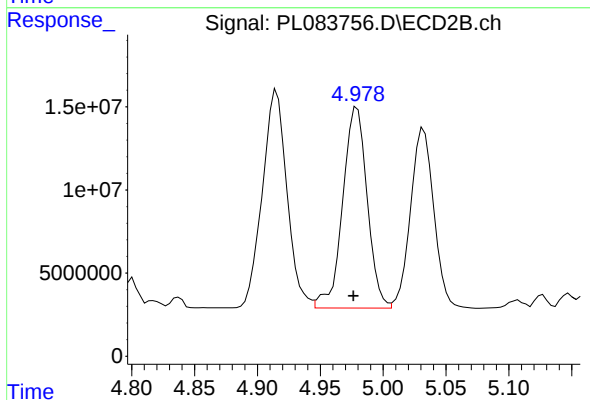
#11 alpha-Chlordane

R.T.: 5.931 min
Delta R.T.: 0.009 min
Response: 138393055
Conc: 41.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

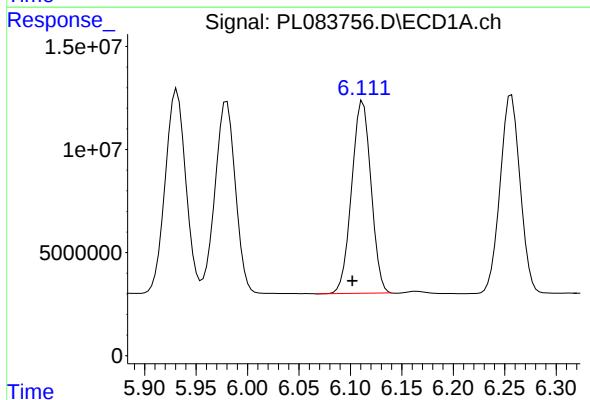
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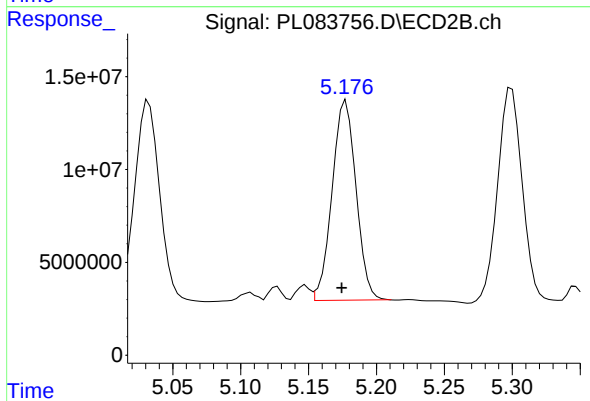
#11 alpha-Chlordane

R.T.: 4.979 min
Delta R.T.: 0.003 min
Response: 164163157
Conc: 48.47 ng/ml



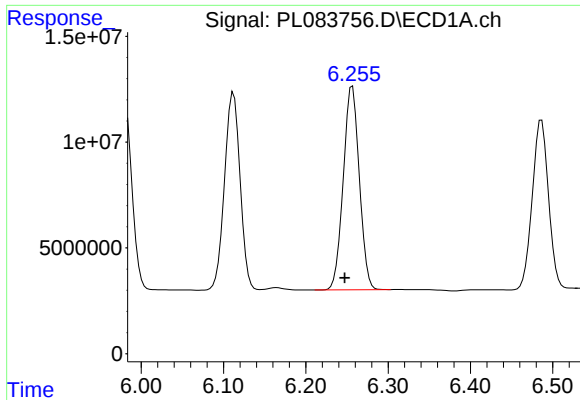
#12 4,4'-DDE

R.T.: 6.112 min
Delta R.T.: 0.010 min
Response: 122134428
Conc: 42.67 ng/ml



#12 4,4'-DDE

R.T.: 5.177 min
Delta R.T.: 0.003 min
Response: 132017467
Conc: 47.21 ng/ml



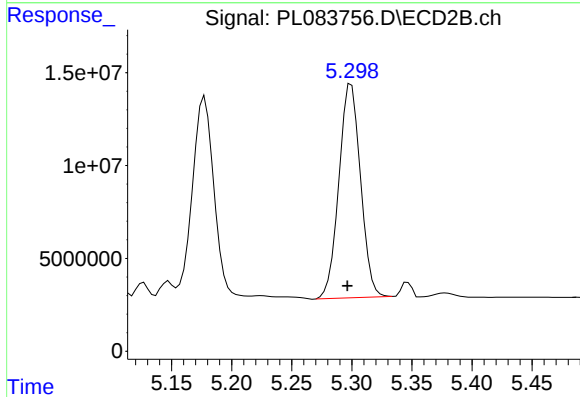
#13 Dieldrin

R.T.: 6.257 min
Delta R.T.: 0.010 min
Response: 130544333
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

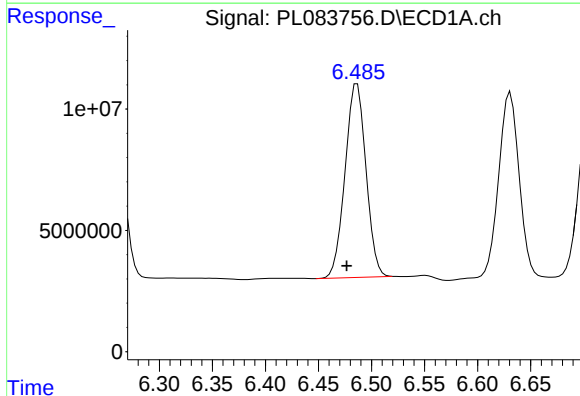
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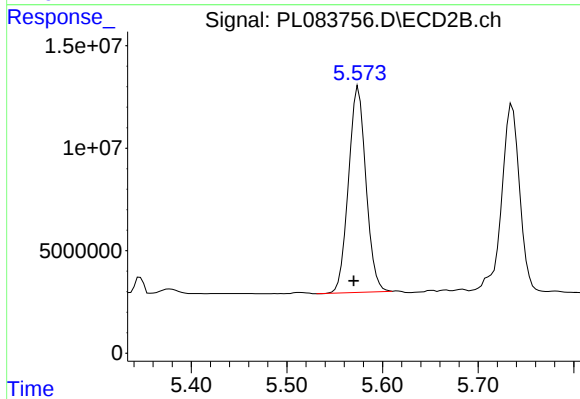
#13 Dieldrin

R.T.: 5.298 min
Delta R.T.: 0.002 min
Response: 144502960
Conc: 45.78 ng/ml m



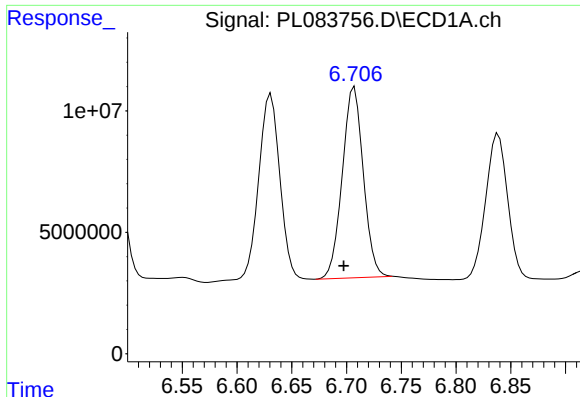
#14 Endrin

R.T.: 6.485 min
Delta R.T.: 0.008 min
Response: 109362385
Conc: 41.45 ng/ml m



#14 Endrin

R.T.: 5.575 min
Delta R.T.: 0.005 min
Response: 127757216
Conc: 48.01 ng/ml



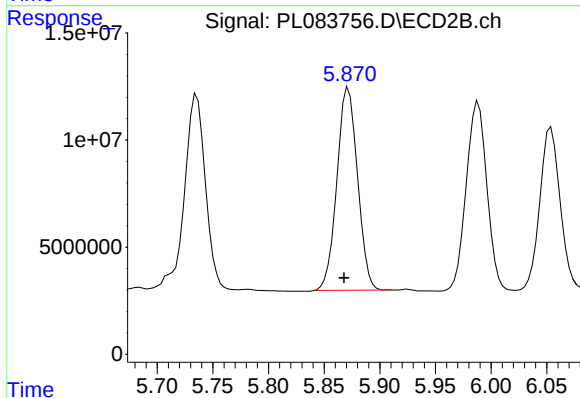
#15 Endosulfan II

R.T.: 6.706 min
Delta R.T.: 0.008 min
Response: 104992129
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

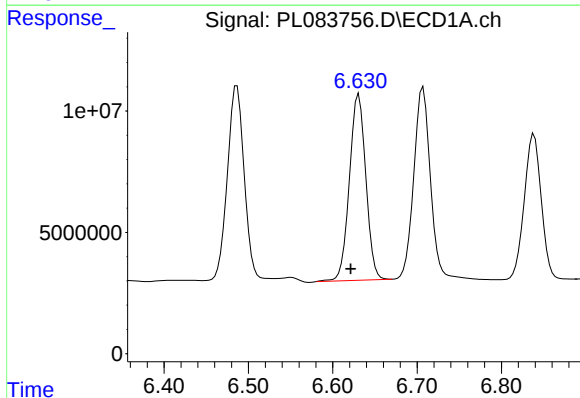
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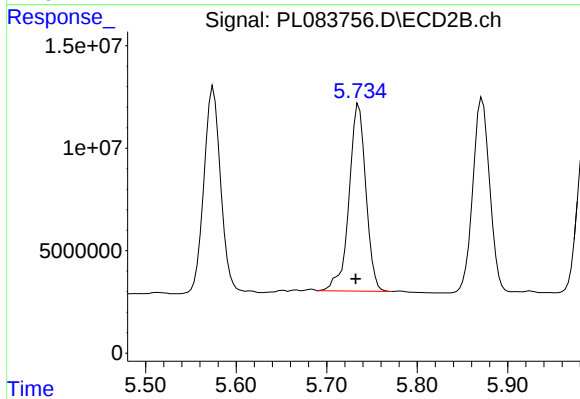
#15 Endosulfan II

R.T.: 5.872 min
Delta R.T.: 0.004 min
Response: 122099128
Conc: 47.65 ng/ml



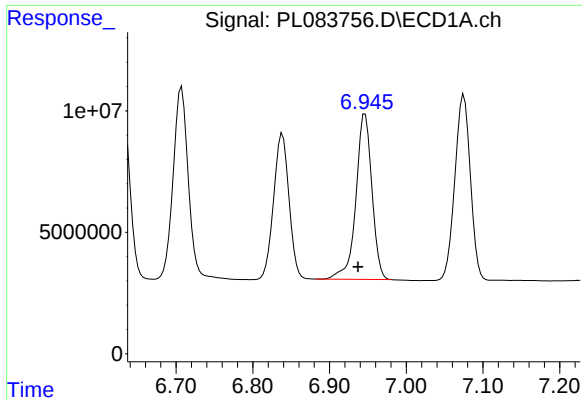
#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: 0.010 min
Response: 103710057
Conc: 47.91 ng/ml



#16 4,4'-DDD

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 118099908
Conc: 54.47 ng/ml m



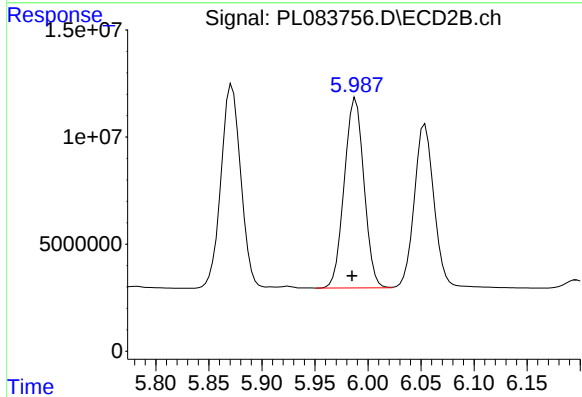
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: 0.009 min
Response: 99296966
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

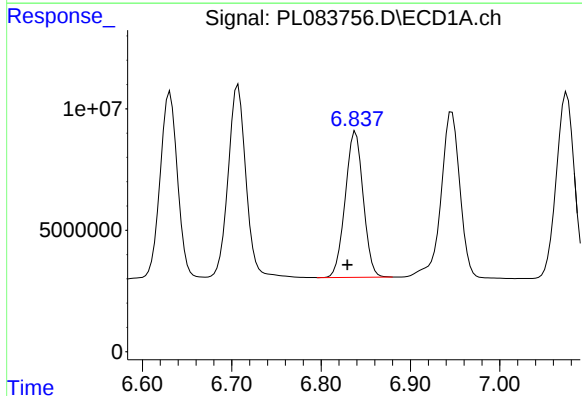
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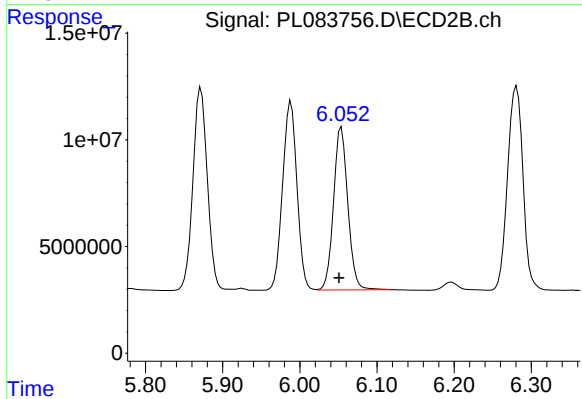
#17 4,4'-DDT

R.T.: 5.988 min
Delta R.T.: 0.004 min
Response: 114293670
Conc: 46.08 ng/ml



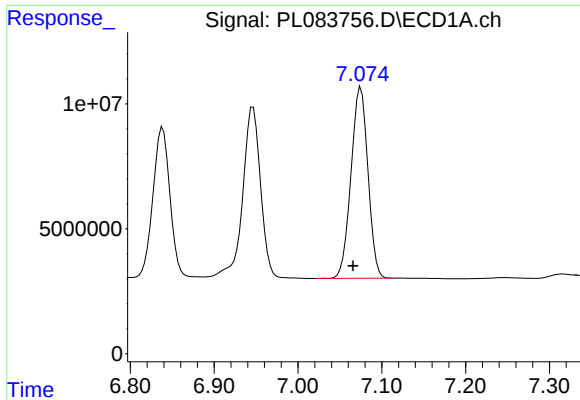
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: 0.009 min
Response: 83774976
Conc: 45.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.054 min
Delta R.T.: 0.003 min
Response: 98290995
Conc: 48.06 ng/ml



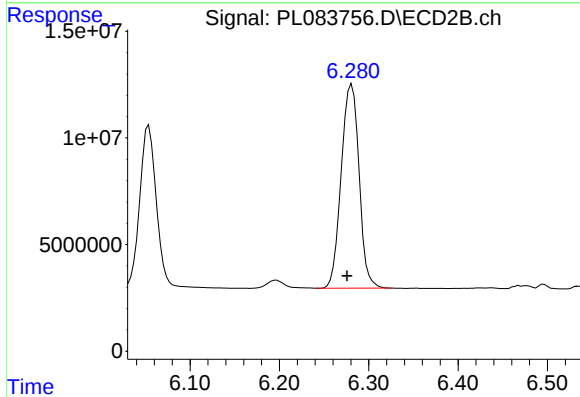
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.010 min
Response: 107462226
Conc: 44.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

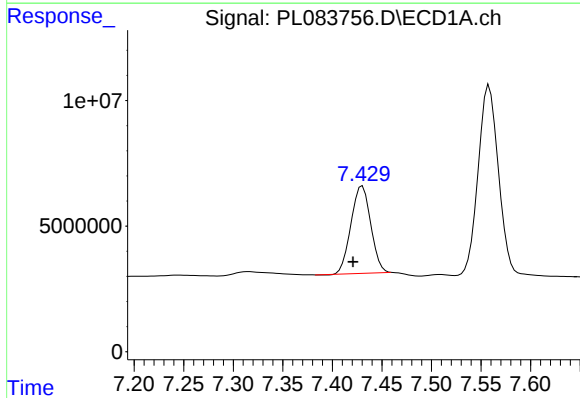
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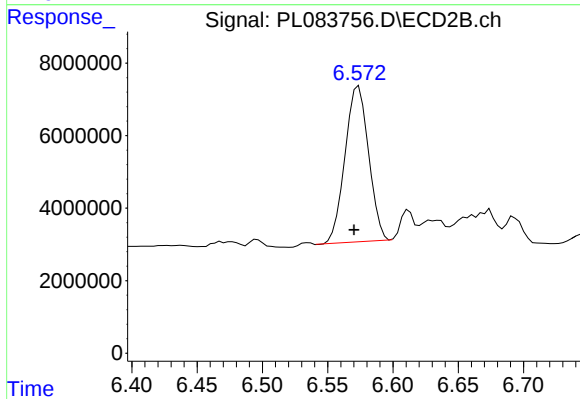
#19 Endosulfan Sulfate

R.T.: 6.281 min
Delta R.T.: 0.005 min
Response: 132938121
Conc: 51.08 ng/ml



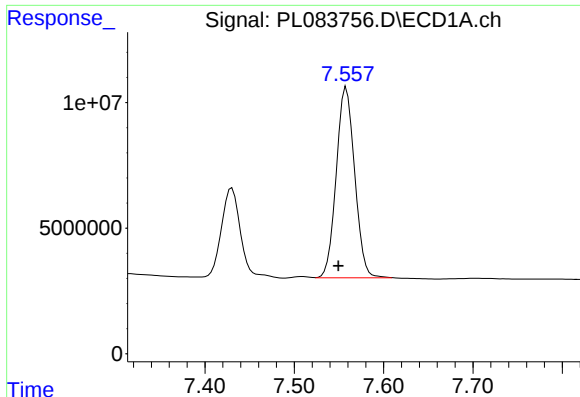
#20 Methoxychlor

R.T.: 7.430 min
Delta R.T.: 0.009 min
Response: 48349726
Conc: 41.80 ng/ml



#20 Methoxychlor

R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 53884813
Conc: 42.56 ng/ml



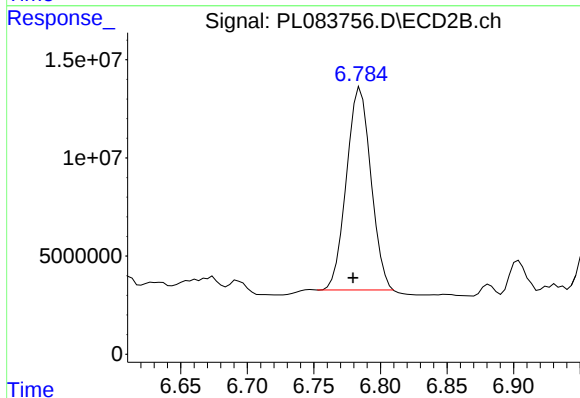
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.007 min
Response: 108669257
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

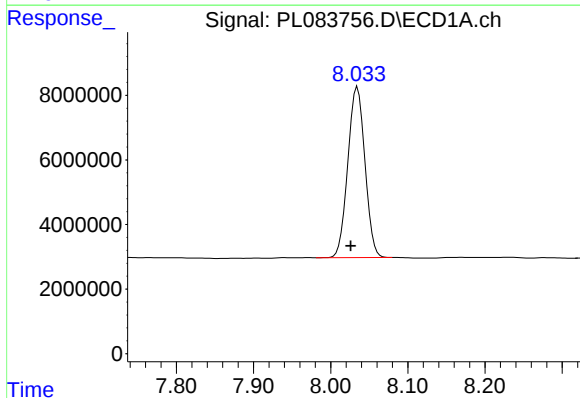
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/29/2023
Supervised By :Ankita Jodhani 06/29/2023



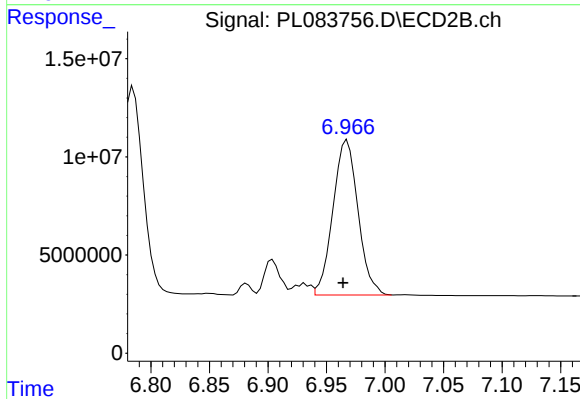
#21 Endrin ketone

R.T.: 6.785 min
Delta R.T.: 0.005 min
Response: 131979626
Conc: 45.53 ng/ml



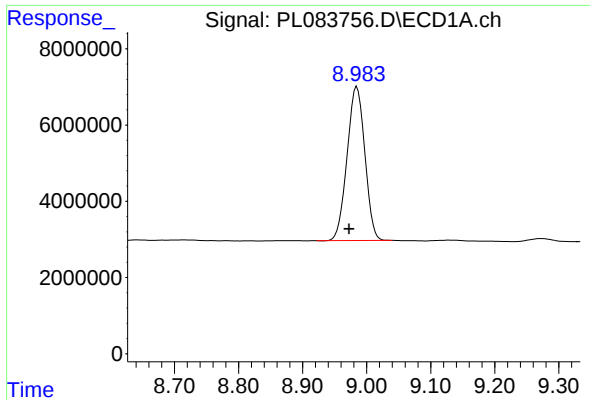
#22 Mirex

R.T.: 8.035 min
Delta R.T.: 0.009 min
Response: 81277472
Conc: 42.68 ng/ml



#22 Mirex

R.T.: 6.966 min
Delta R.T.: 0.002 min
Response: 117308224
Conc: 46.43 ng/ml m



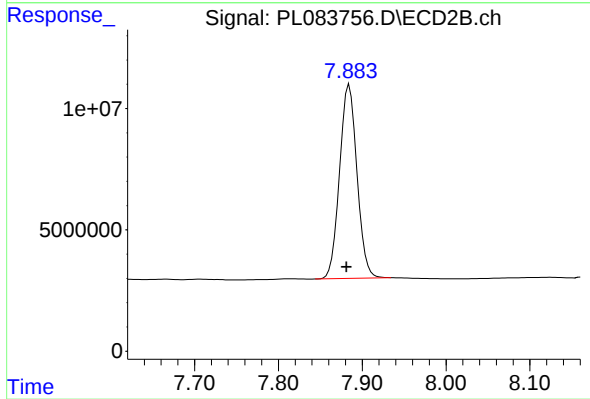
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.012 min
Response: 77697829
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/29/2023
Supervised By :Ankita Jodhani 06/29/2023



#28 Decachlorobiphenyl

R.T.: 7.885 min
Delta R.T.: 0.003 min
Response: 115347080
Conc: 46.65 ng/ml