

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
 Data File : PL083546.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2023 17:03
 Operator : AR\AJ
 Sample : 03279-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-OU3-DENALI-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2023
 Supervised By :Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 04:11:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.456	2.754	38206411	40622886	17.285m	17.439
28)	SA Decachlor...	8.994	7.963	28098685	34783711	14.746m	14.162
Target Compounds							
2)	A alpha-BHC	3.914	3.264	133.4E6	144.0E6	42.845	42.650
3)	MA gamma-BHC...	4.248	3.597	127.5E6	138.1E6	44.709	43.023
4)	MA Heptachlor	4.839	3.944	120.4E6	131.4E6	43.561	42.462
5)	MB Aldrin	5.181	4.226	114.7E6	132.3E6	44.140	43.957
6)	B beta-BHC	4.446	3.899	54894440	61409565	42.430	41.148
7)	B delta-BHC	4.693	4.130	81063320	96861357	29.410	30.051
8)	B Heptachlo...	5.609	4.734	101.3E6	121.3E6	39.892	42.268m
9)	A Endosulfan I	5.995	5.108	89806879	114.6E6	40.304	42.526m
10)	B gamma-Chl...	5.865	4.990	112.6E6	141.3E6	46.795m	47.770
11)	B alpha-Chl...	5.947	5.053	114.9E6	142.0E6	48.515	48.000
12)	B 4,4'-DDE	6.126	5.253	101.9E6	134.8E6	50.456	52.768
13)	MA Dieldrin	6.270	5.377	120.2E6	143.6E6	53.534m	51.219
14)	MA Endrin	6.499	5.653	79545028	110.8E6	45.071m	48.004
15)	B Endosulfa...	6.720	5.949	75009090	98515231	40.187	41.503m
16)	A 4,4'-DDD	6.643	5.811	88131621	101.8E6	51.617	46.179
17)	MA 4,4'-DDT	6.959	6.065	91320965	107.1E6	54.240	51.302
18)	B Endrin al...	6.849	6.132	59193111	85419082	39.931m	45.195
19)	B Endosulfa...	7.087	6.357	73968928	94560758	38.517	39.048
20)	A Methoxychlor	7.440	6.651	41463077	64871082	45.711	53.827
21)	B Endrin ke...	7.571	6.864	91081892	100.1E6	42.511	35.599
22)	Mirex	8.045	7.050	112.5E6	80772021	60.274m	33.563 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061923\
Data File : PL083546.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Jun 2023 17:03
Operator : AR\AJ
Sample : 03279-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

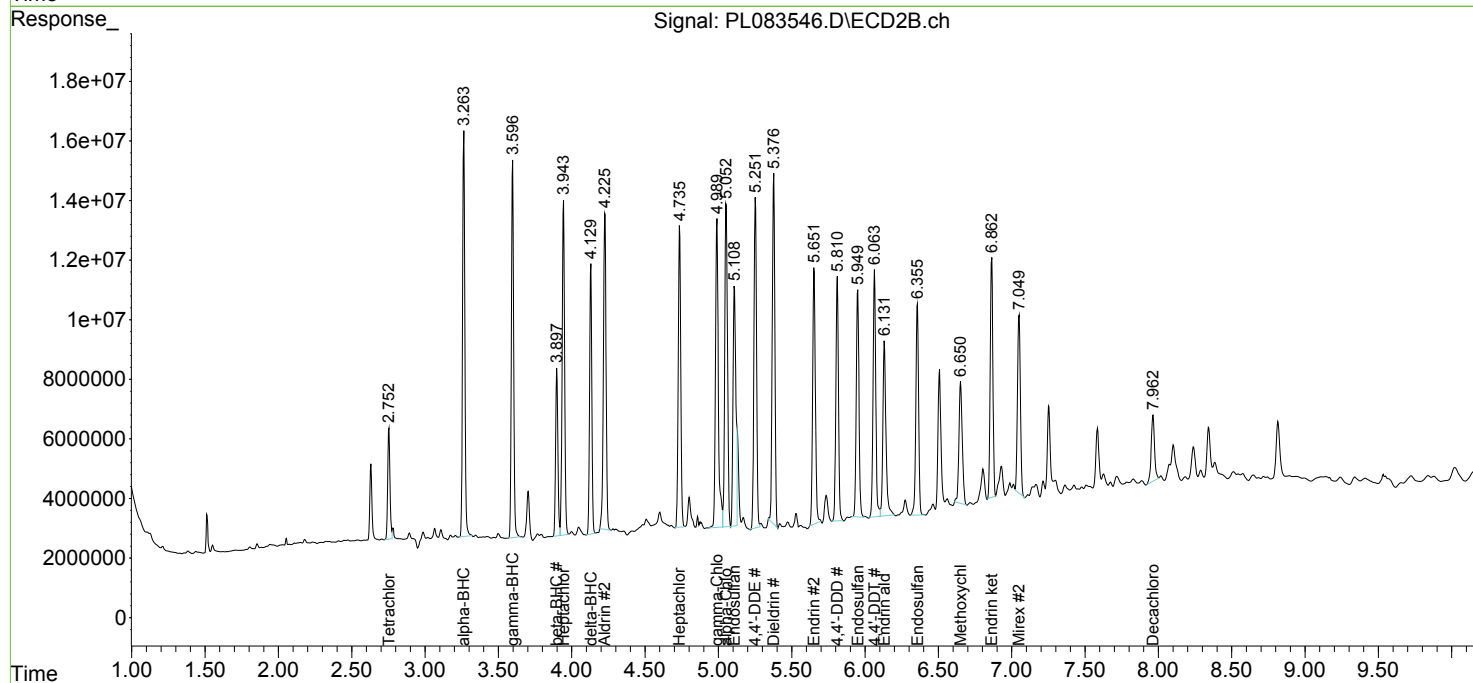
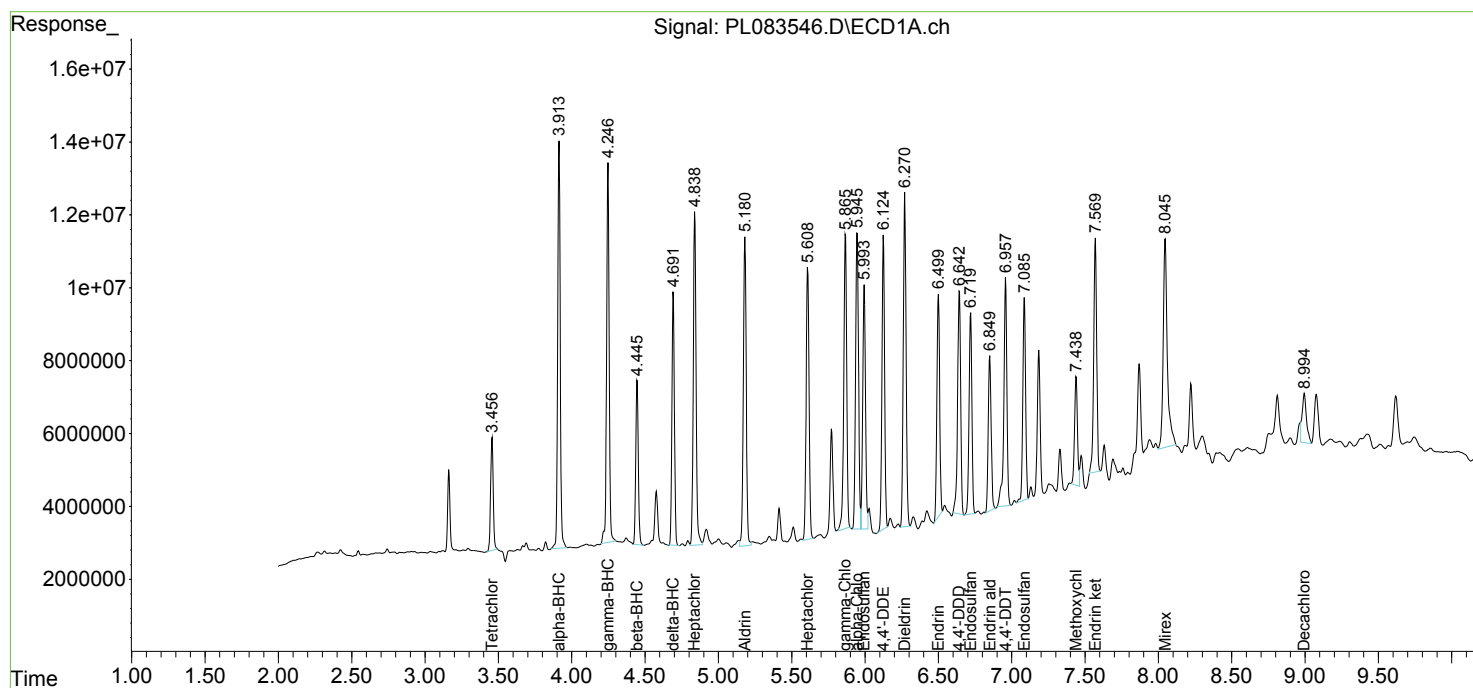
Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

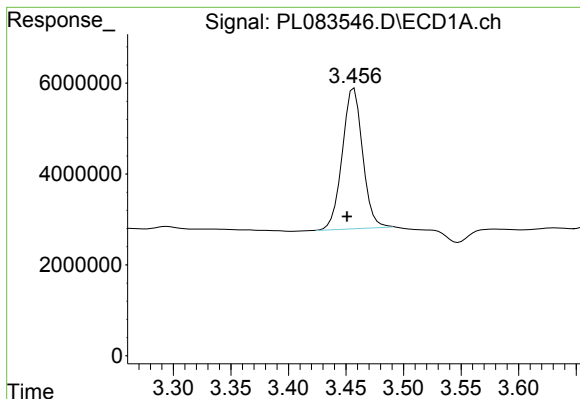
Manual Integrations
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Reviewed By : Abdul Mirza 06/20/2023
Supervised By : Ankita Jodhani 06/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 04:11:54 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 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





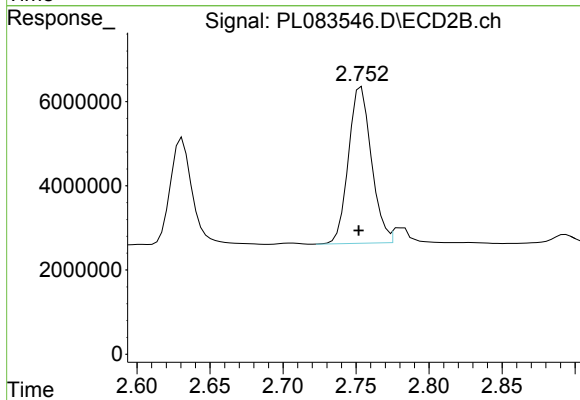
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: 0.005 min
Response: 38206411
Conc: 17.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

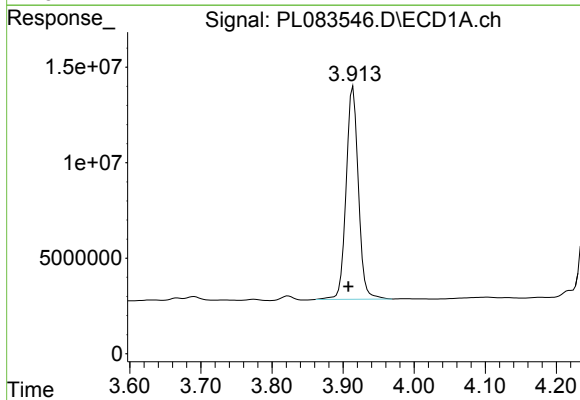
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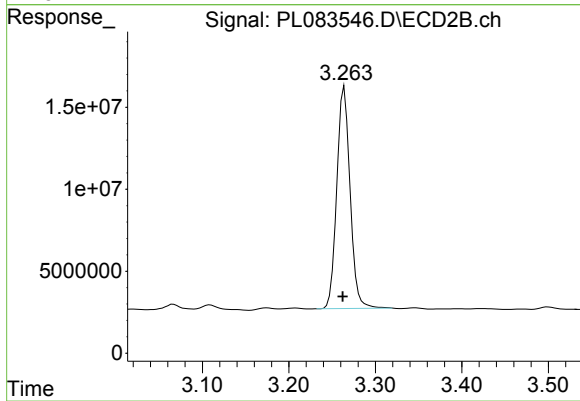
#1 Tetrachloro-m-xylene

R.T.: 2.754 min
Delta R.T.: 0.002 min
Response: 40622886
Conc: 17.44 ng/ml



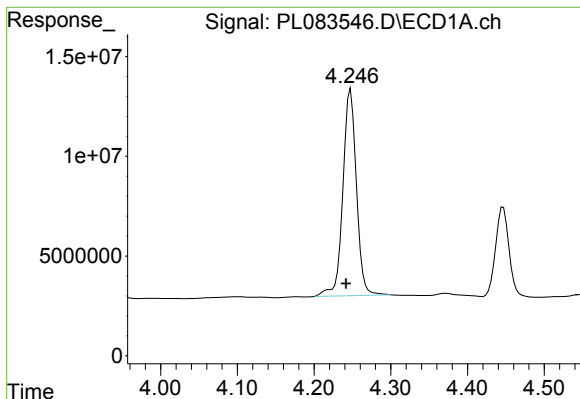
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.007 min
Response: 133394417
Conc: 42.84 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 143969470
Conc: 42.65 ng/ml



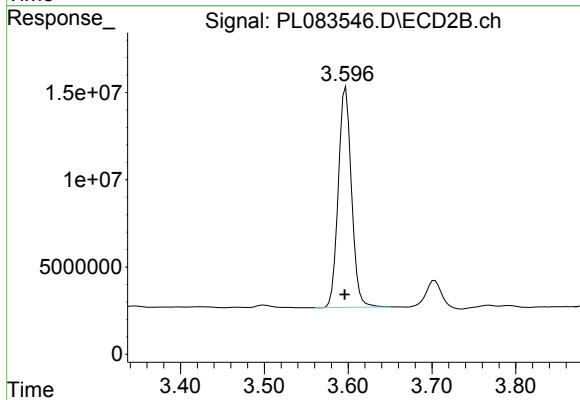
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.006 min
Response: 127454589
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

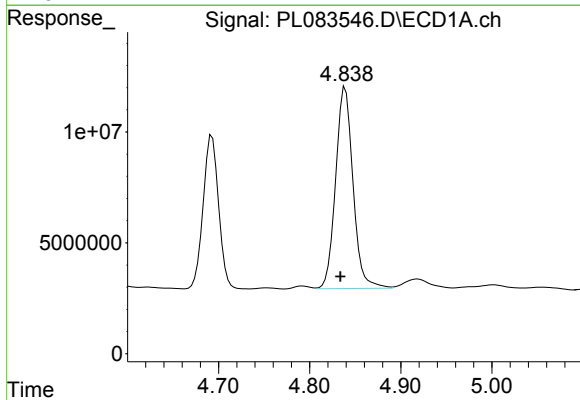
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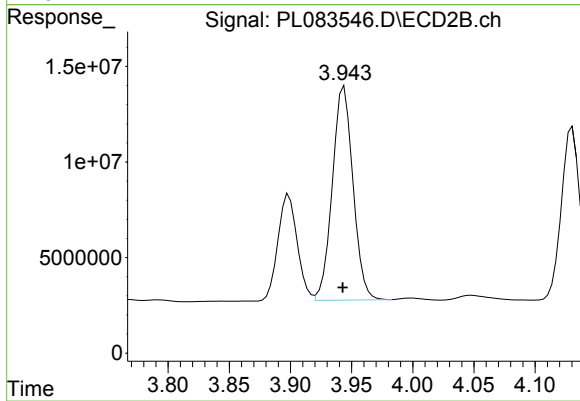
#3 gamma-BHC (Lindane)

R.T.: 3.597 min
Delta R.T.: 0.001 min
Response: 138131478
Conc: 43.02 ng/ml



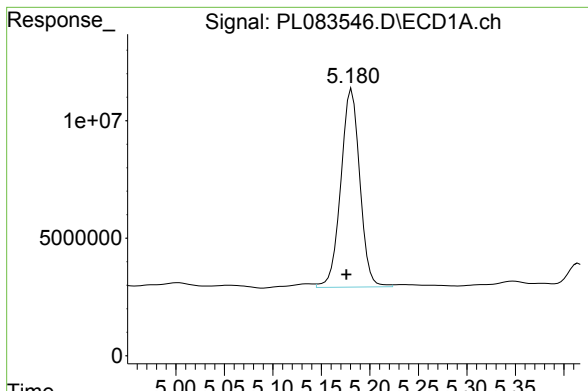
#4 Heptachlor

R.T.: 4.839 min
Delta R.T.: 0.006 min
Response: 120441424
Conc: 43.56 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.001 min
Response: 131448295
Conc: 42.46 ng/ml



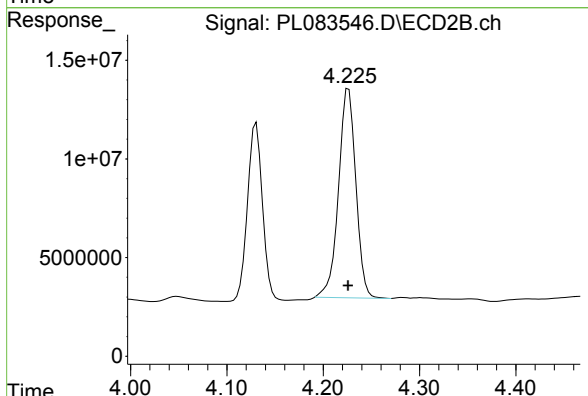
#5 Aldrin

R.T.: 5.181 min
Delta R.T.: 0.005 min
Response: 114712016
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

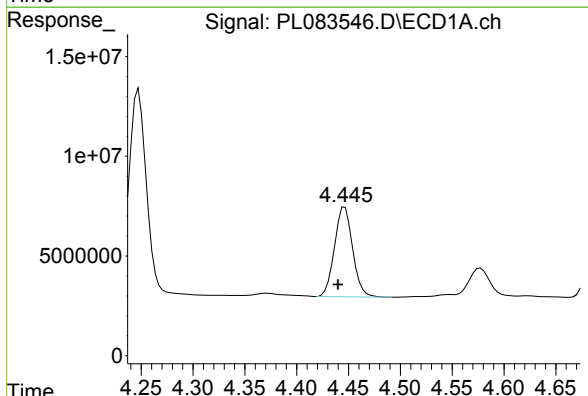
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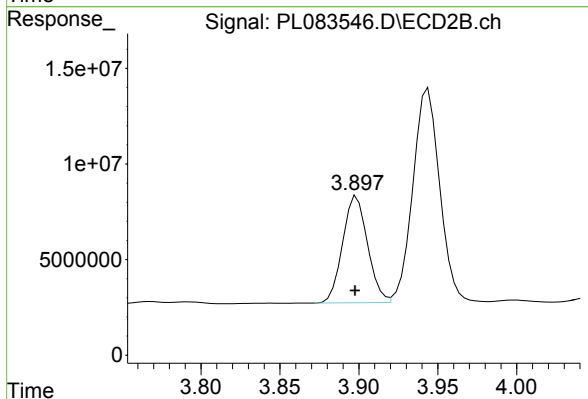
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 132337388
Conc: 43.96 ng/ml



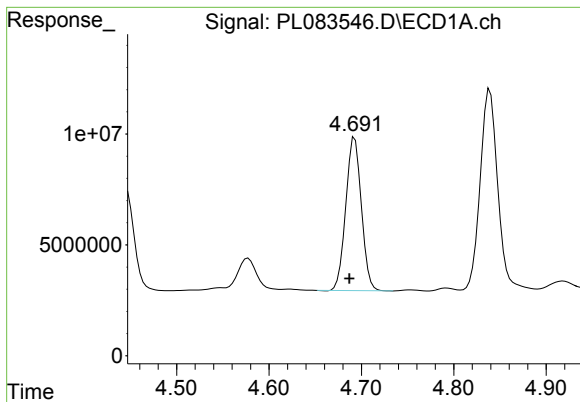
#6 beta-BHC

R.T.: 4.446 min
Delta R.T.: 0.006 min
Response: 54894440
Conc: 42.43 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.001 min
Response: 61409565
Conc: 41.15 ng/ml



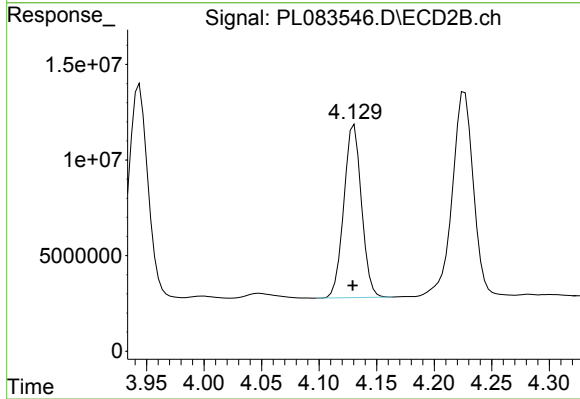
#7 delta-BHC

R.T.: 4.693 min
Delta R.T.: 0.006 min
Response: 81063320
Conc: 29.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

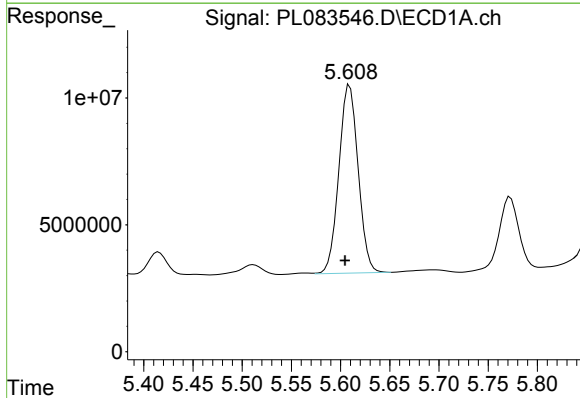
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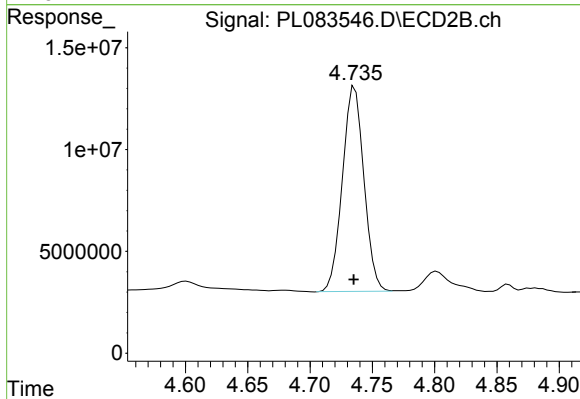
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.001 min
Response: 96861357
Conc: 30.05 ng/ml



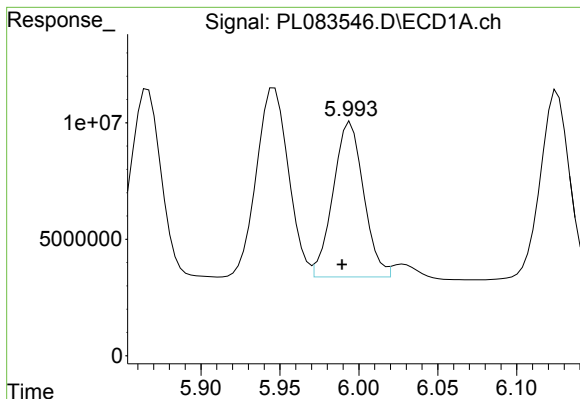
#8 Heptachlor epoxide

R.T.: 5.609 min
Delta R.T.: 0.005 min
Response: 101260049
Conc: 39.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 121329324
Conc: 42.27 ng/ml m



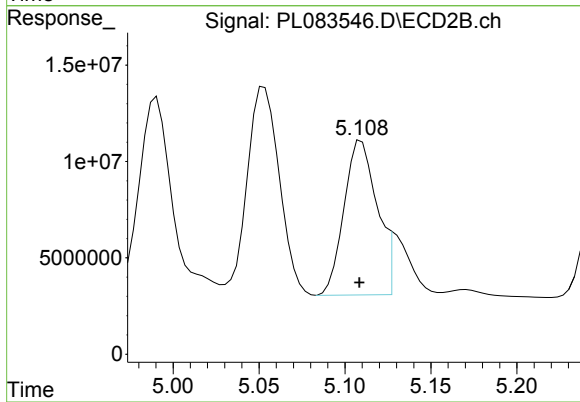
#9 Endosulfan I

R.T.: 5.995 min
Delta R.T.: 0.005 min
Response: 89806879
Conc: 40.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

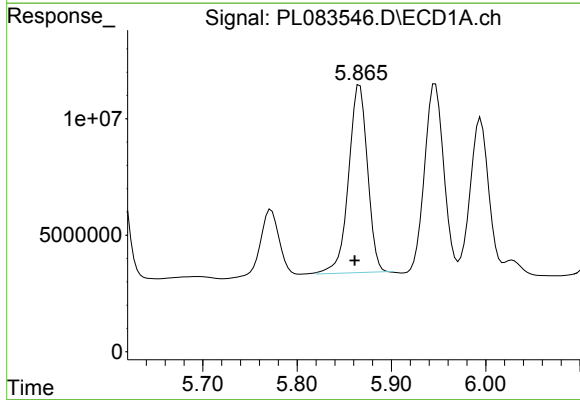
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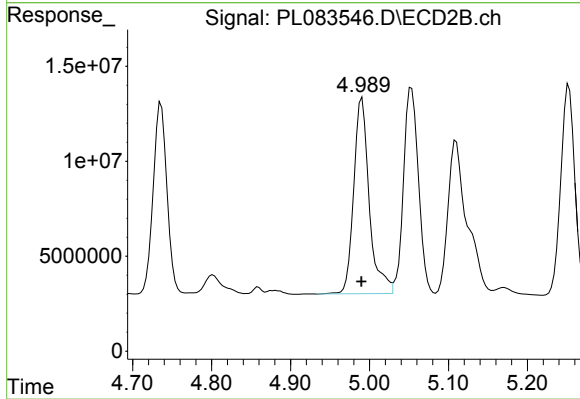
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 114609375
Conc: 42.53 ng/ml m



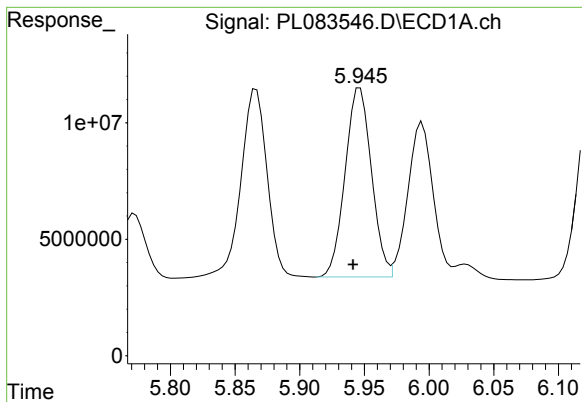
#10 gamma-Chlordane

R.T.: 5.865 min
Delta R.T.: 0.004 min
Response: 112573711
Conc: 46.80 ng/ml m



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 141338349
Conc: 47.77 ng/ml



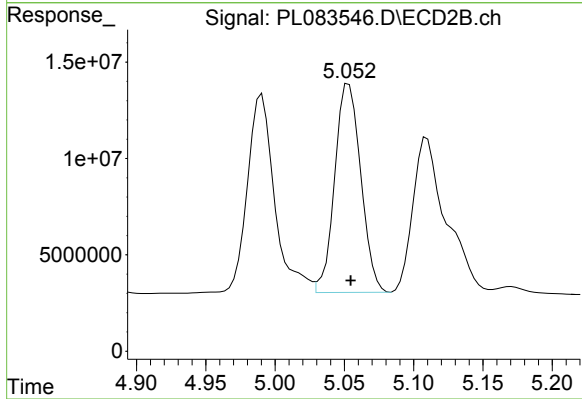
#11 alpha-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.005 min
Response: 114915637
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

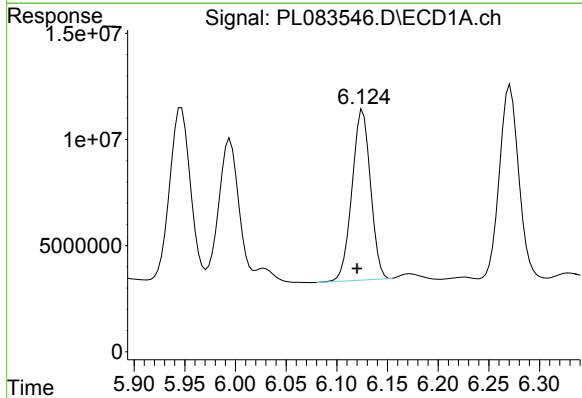
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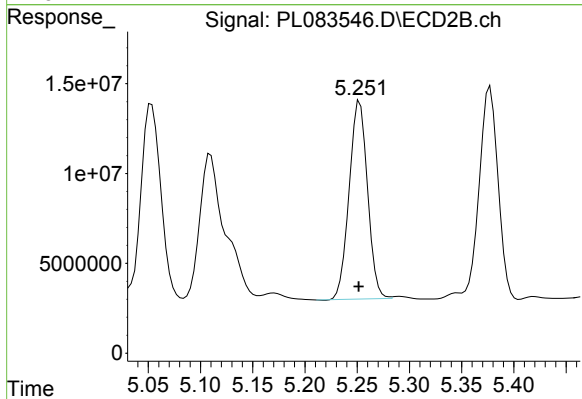
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.001 min
Response: 141997408
Conc: 48.00 ng/ml



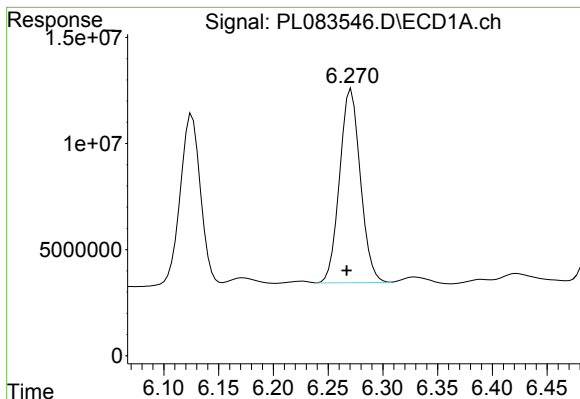
#12 4,4'-DDE

R.T.: 6.126 min
Delta R.T.: 0.006 min
Response: 101856300
Conc: 50.46 ng/ml



#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.001 min
Response: 134801657
Conc: 52.77 ng/ml



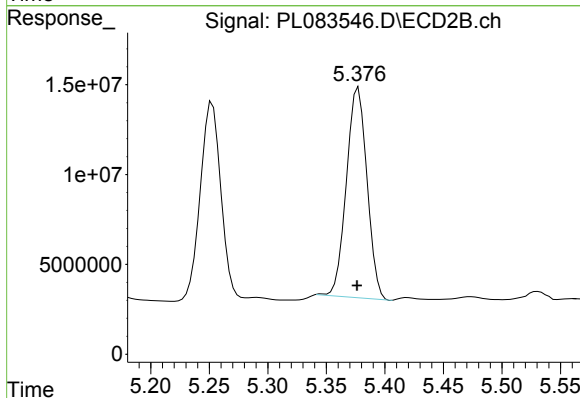
#13 Dieldrin

R.T.: 6.270 min
Delta R.T.: 0.003 min
Response: 120208084
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

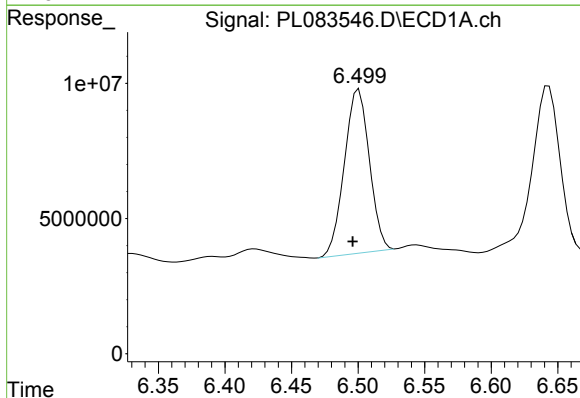
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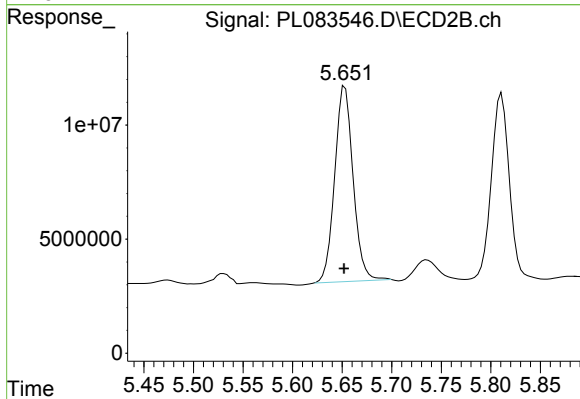
#13 Dieldrin

R.T.: 5.377 min
Delta R.T.: 0.001 min
Response: 143629320
Conc: 51.22 ng/ml



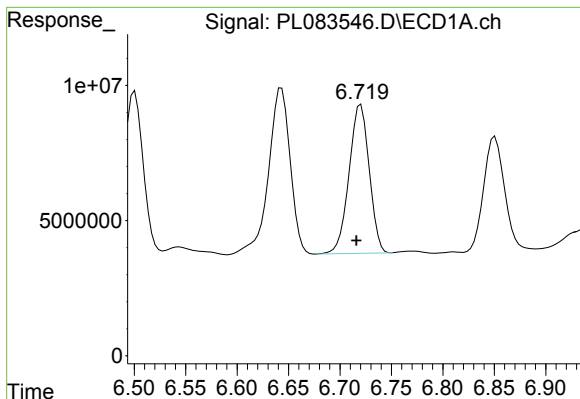
#14 Endrin

R.T.: 6.499 min
Delta R.T.: 0.003 min
Response: 79545028
Conc: 45.07 ng/ml m



#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 110798232
Conc: 48.00 ng/ml



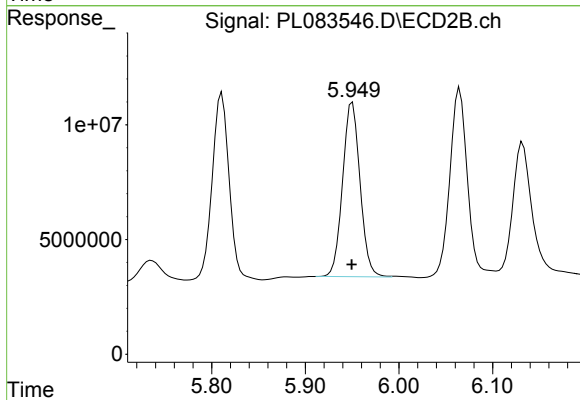
#15 Endosulfan II

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 75009090
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

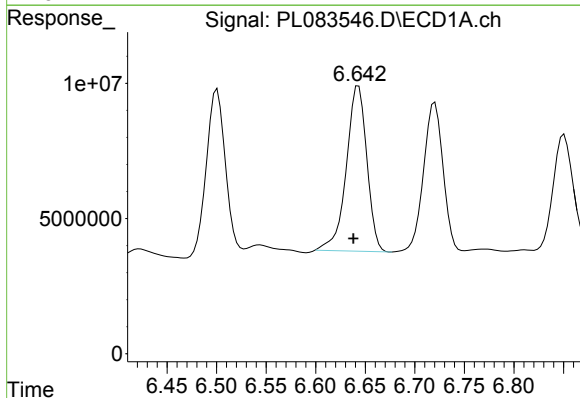
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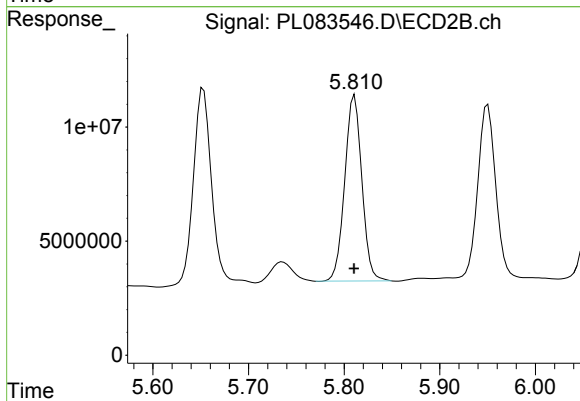
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 98515231
Conc: 41.50 ng/ml m



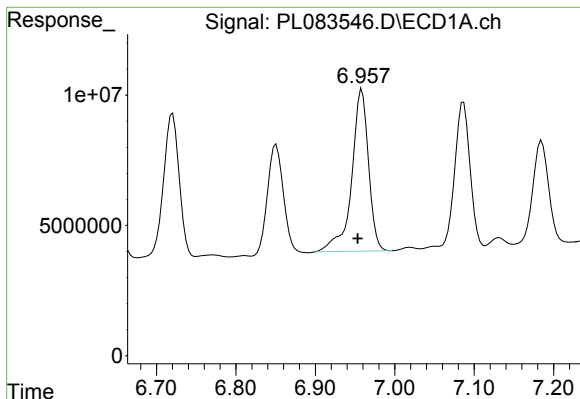
#16 4,4'-DDD

R.T.: 6.643 min
Delta R.T.: 0.005 min
Response: 88131621
Conc: 51.62 ng/ml



#16 4,4'-DDD

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 101830828
Conc: 46.18 ng/ml



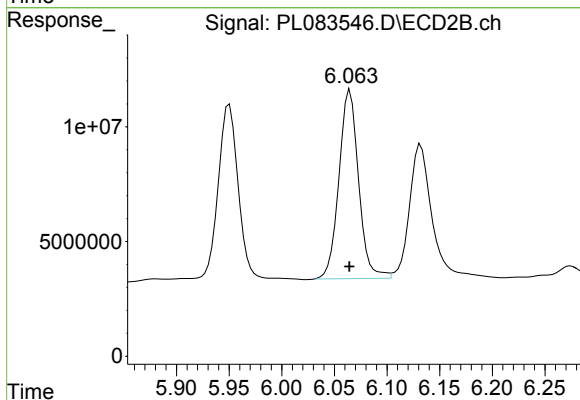
#17 4,4'-DDT

R.T.: 6.959 min
Delta R.T.: 0.005 min
Response: 91320965
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

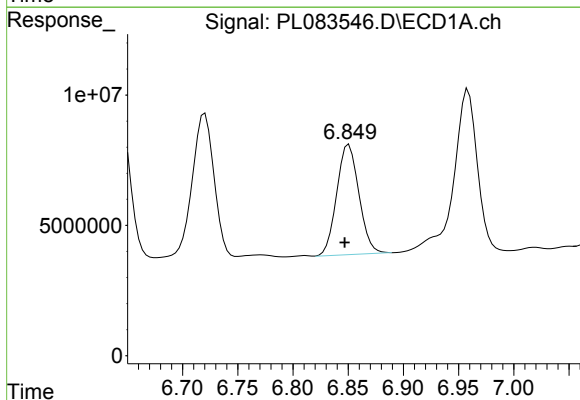
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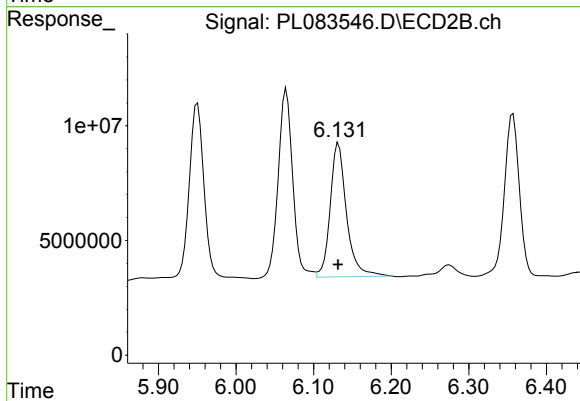
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 107109830
Conc: 51.30 ng/ml



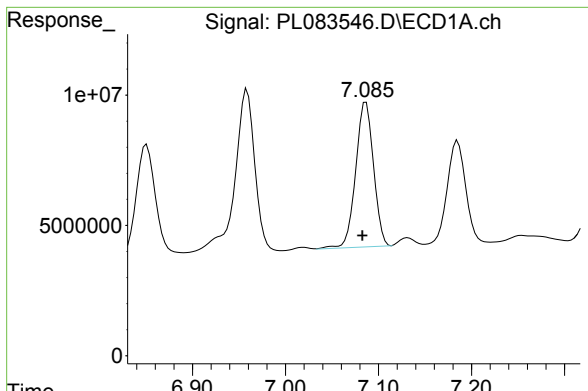
#18 Endrin aldehyde

R.T.: 6.849 min
Delta R.T.: 0.003 min
Response: 59193111
Conc: 39.93 ng/ml m



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 85419082
Conc: 45.20 ng/ml



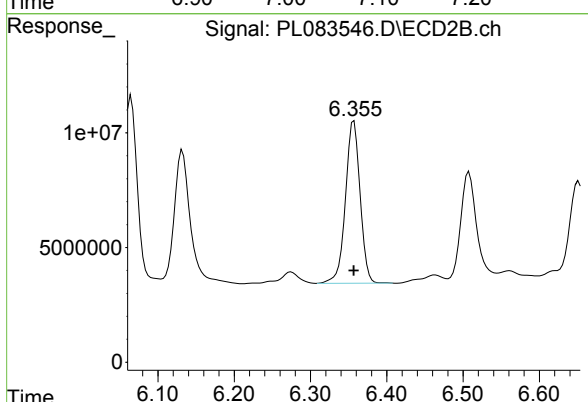
#19 Endosulfan Sulfate

R.T.: 7.087 min
Delta R.T.: 0.004 min
Response: 73968928
Conc: 38.52 ng/ml

Instrument : ECD_L
ClientSampleId : TOPSOIL-OU3-DENALI-1MS

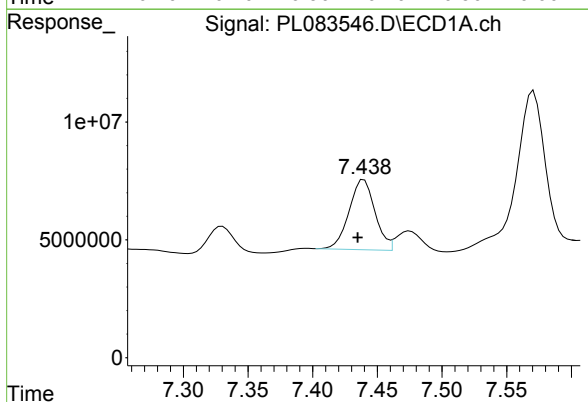
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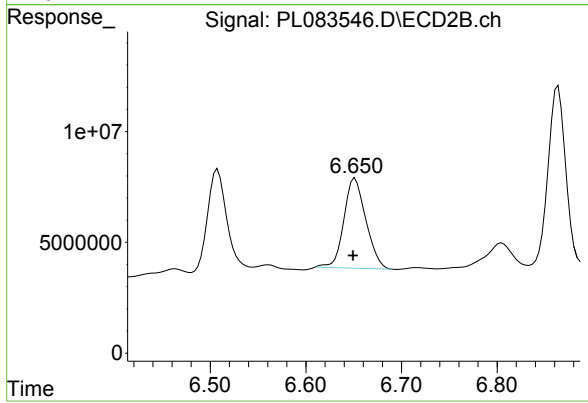
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 94560758
Conc: 39.05 ng/ml



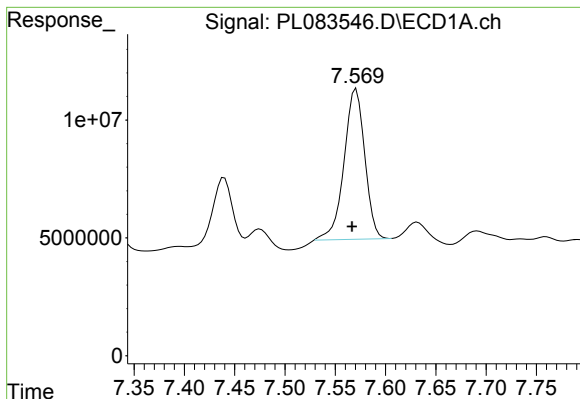
#20 Methoxychlor

R.T.: 7.440 min
Delta R.T.: 0.005 min
Response: 41463077
Conc: 45.71 ng/ml



#20 Methoxychlor

R.T.: 6.651 min
Delta R.T.: 0.002 min
Response: 64871082
Conc: 53.83 ng/ml



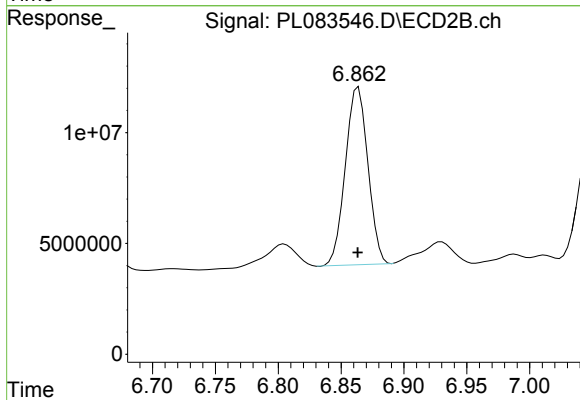
#21 Endrin ketone

R.T.: 7.571 min
Delta R.T.: 0.004 min
Response: 91081892
Conc: 42.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

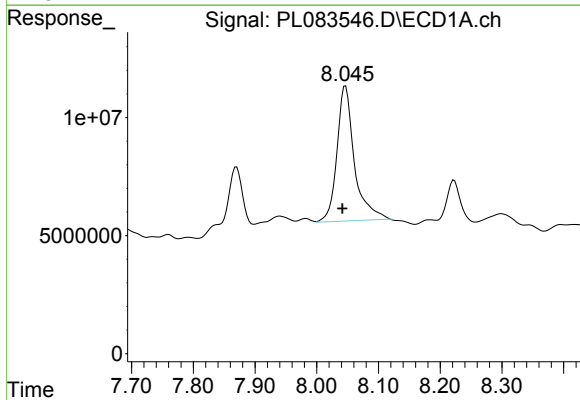
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2023
Supervised By :Ankita Jodhani 06/20/2023



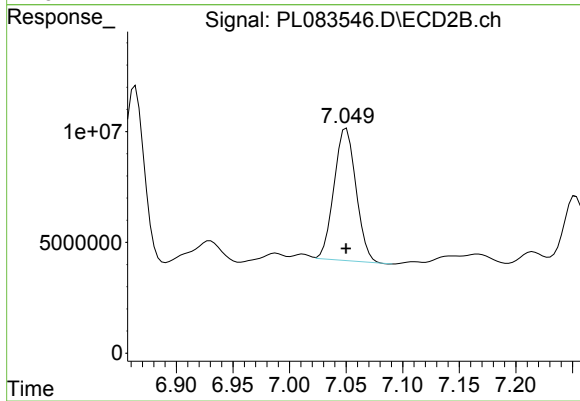
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 100081673
Conc: 35.60 ng/ml



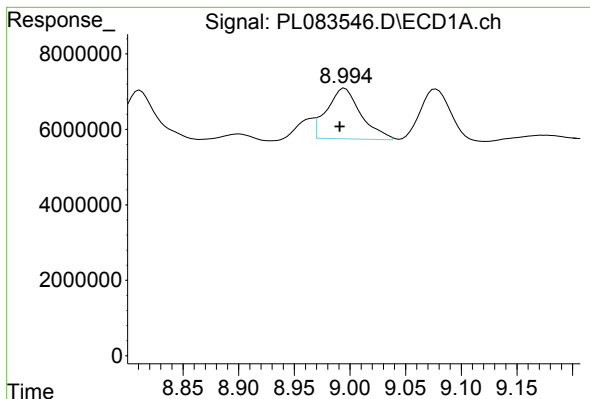
#22 Mirex

R.T.: 8.045 min
Delta R.T.: 0.004 min
Response: 112496784
Conc: 60.27 ng/ml m



#22 Mirex

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 80772021
Conc: 33.56 ng/ml



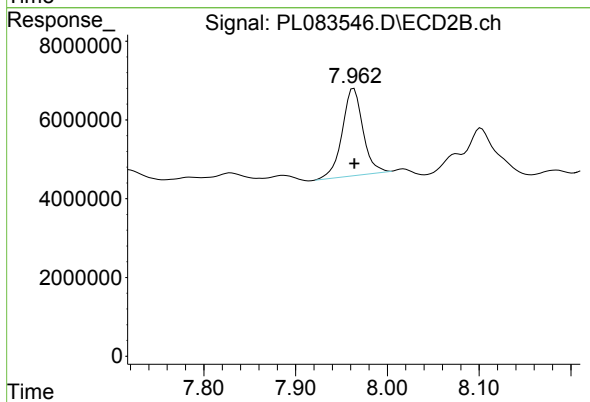
#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.003 min
Response: 28098685
Conc: 14.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-OU3-DENALI-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 34783711
Conc: 14.16 ng/ml