

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 13:17
 Operator : AR\AJ
 Sample : 01633-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WEIR-TANK-MUDMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul
 Mirza

02/24/2023
 Supervised By :Ankita
 Jodhani

02/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:05:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.351	2.687	38101165	35799555	16.345	15.557
28)	SA Decachlor...	8.786	7.830	33971618	38930686	17.376	16.618
Target Compounds							
2)	A alpha-BHC	3.799	3.188	155.6E6	143.9E6	44.162	42.964
3)	MA gamma-BHC...	4.128	3.516	145.6E6	134.9E6	44.200	42.939
4)	MA Heptachlor	4.711	3.854	143.3E6	134.3E6	43.571	40.976m
5)	MB Aldrin	5.049	4.135	129.2E6	124.8E6	42.948	40.601
6)	B beta-BHC	4.324	3.810	63836740	55252925	42.713	41.067m
7)	B delta-BHC	4.567	4.041	140.9E6	128.0E6	43.890	42.374
8)	B Heptachlo...	5.474	4.636	125.3E6	119.5E6	44.999	41.755
9)	A Endosulfan I	5.855	5.006	115.2E6	111.6E6	44.412	41.858
10)	B gamma-Chl...	5.728	4.887	124.7E6	120.5E6	44.624	41.368
11)	B alpha-Chl...	5.807	4.951	122.8E6	120.3E6	44.265	41.215
12)	B 4,4'-DDE	5.986	5.144	109.9E6	102.2E6	44.401	42.812
13)	MA Dieldrin	6.129	5.271	117.1E6	113.8E6	44.230	41.315
14)	MA Endrin	6.357	5.545	103.1E6	102.2E6	43.546	41.336
15)	B Endosulfa...	6.576	5.839	96452774	94966829	43.449	41.999
16)	A 4,4'-DDD	6.499	5.697	91245725	84910558	45.111	44.608
17)	MA 4,4'-DDT	6.812	5.948	96922156	90079552	42.898	41.548
18)	B Endrin al...	6.705	6.019	79177793	76248531	43.544	41.324
19)	B Endosulfa...	6.939	6.242	102.9E6	99539069	44.673	41.995
20)	A Methoxychlor	7.290	6.526	52053797	49372623	42.420	41.135
21)	B Endrin ke...	7.419	6.747	107.8E6	109.6E6	45.283	41.844
22)	Mirex	7.890	6.930	82730200	92789740	44.219	39.892

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022232\
Data File : PL081097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Feb 2023 13:17
Operator : AR\AJ
Sample : 01633-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMSD

Manual Integrations
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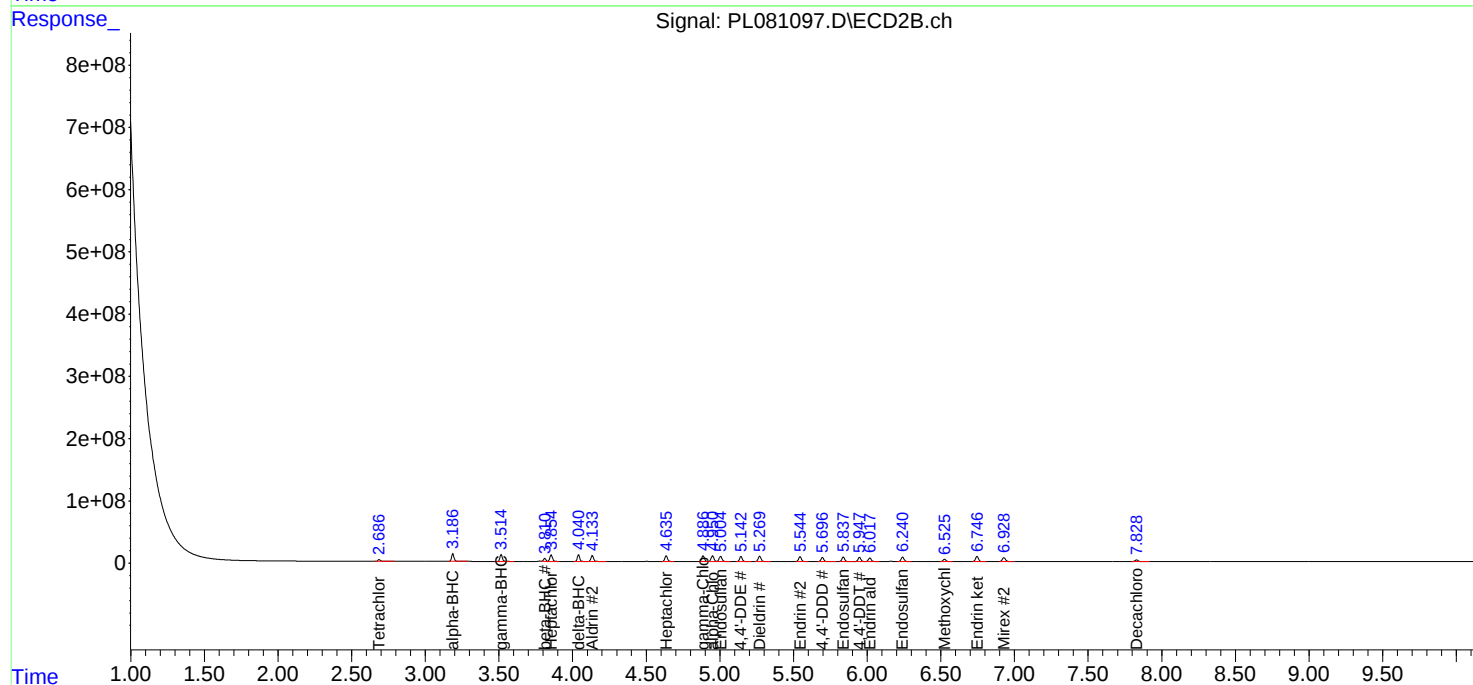
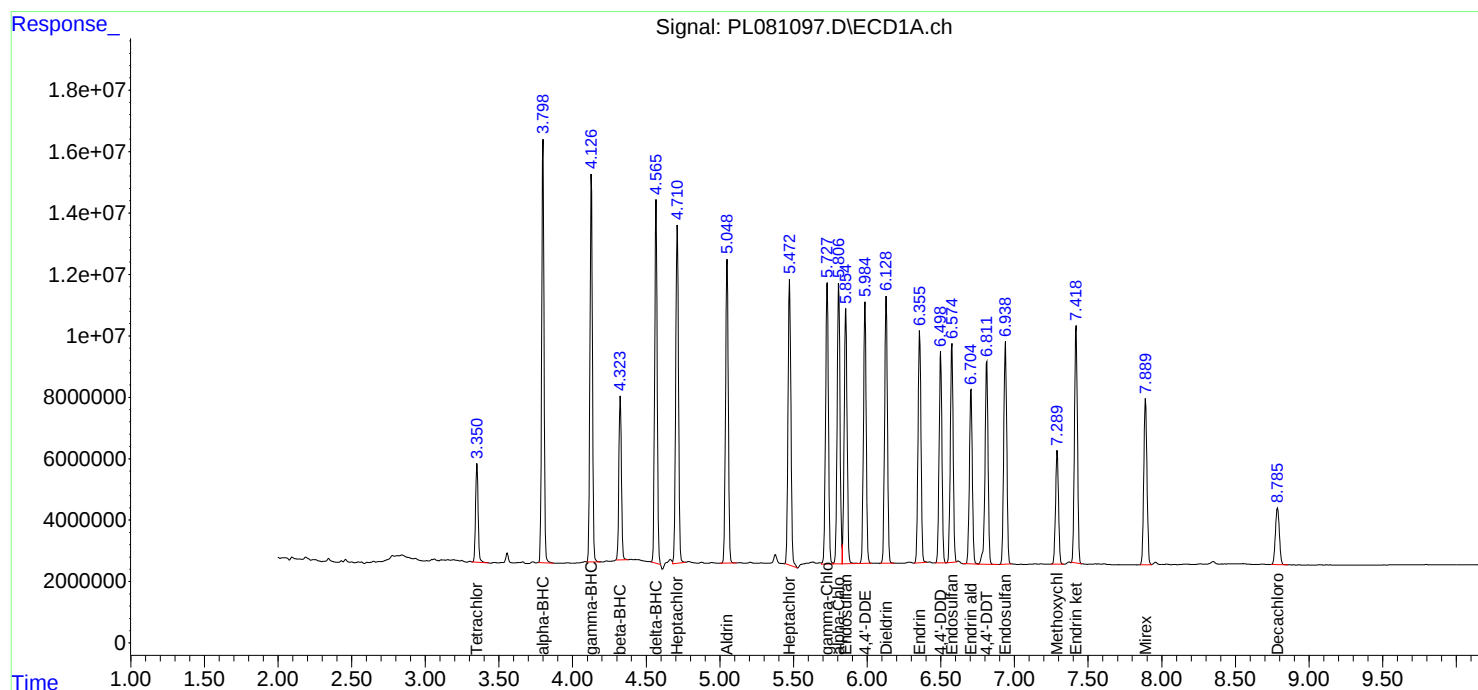
Reviewed By :Abdul
Mirza

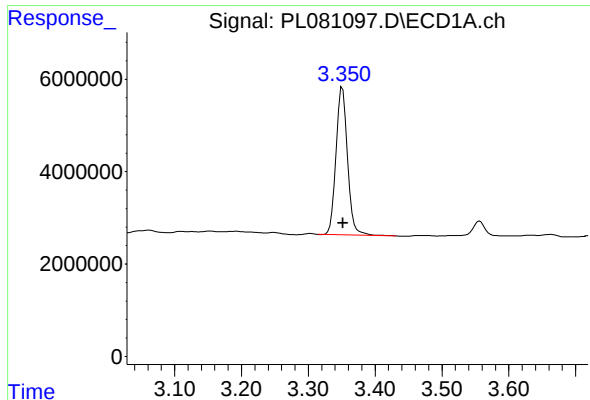
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Supervised By :Ankita
Jodhani

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 23 19:05:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL02223.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 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.: 3.351 min
Delta R.T.: 0.000 min
Response: 38101165
Conc: 16.35 ng/ml

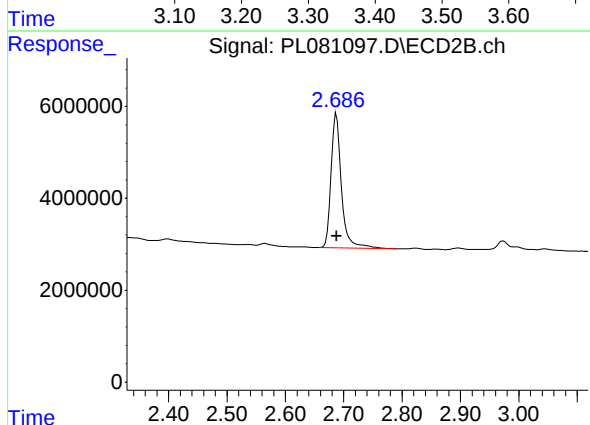
Instrument :
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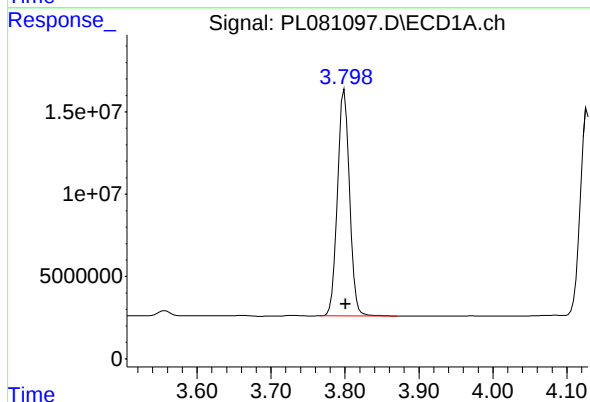
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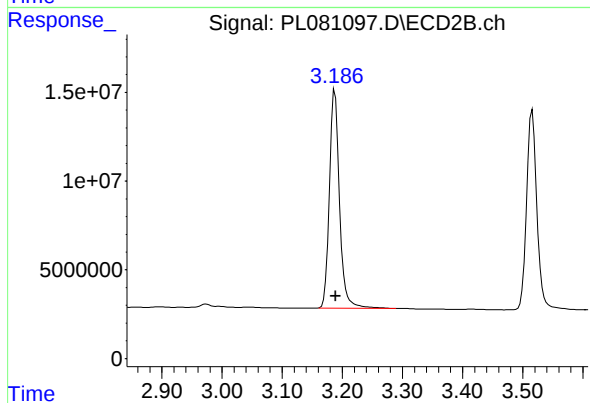
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 35799555
Conc: 15.56 ng/ml



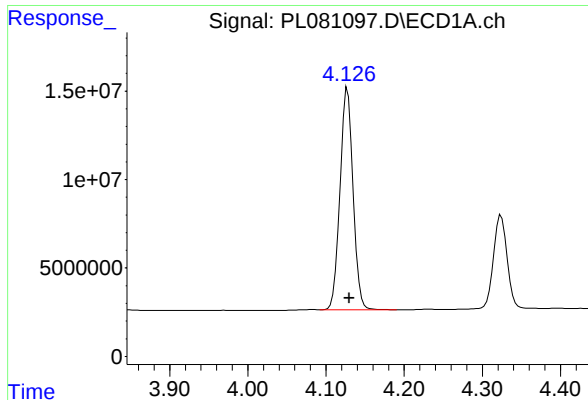
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 155639403
Conc: 44.16 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.001 min
Response: 143887172
Conc: 42.96 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 145574748
Conc: 44.20 ng/ml

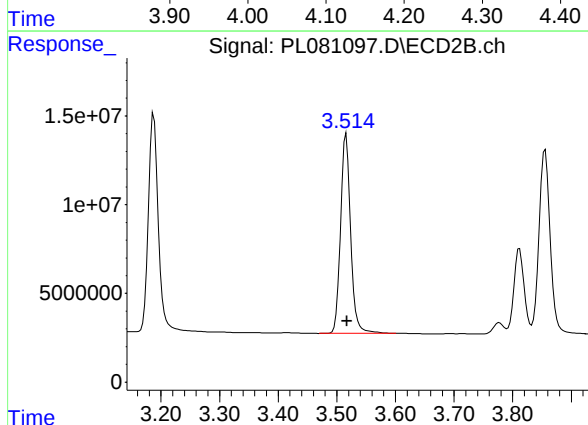
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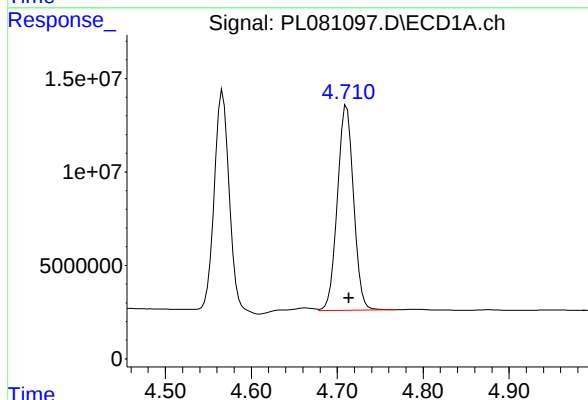
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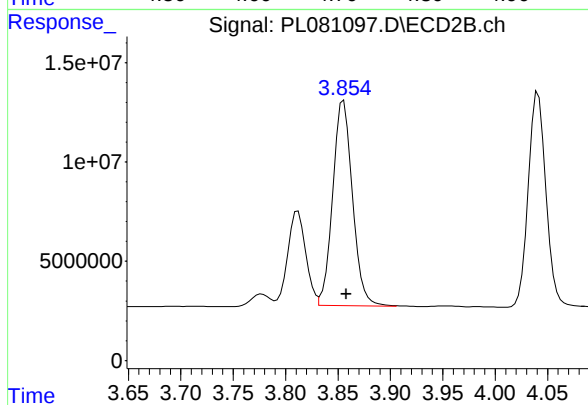
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.002 min
Response: 134876394
Conc: 42.94 ng/ml



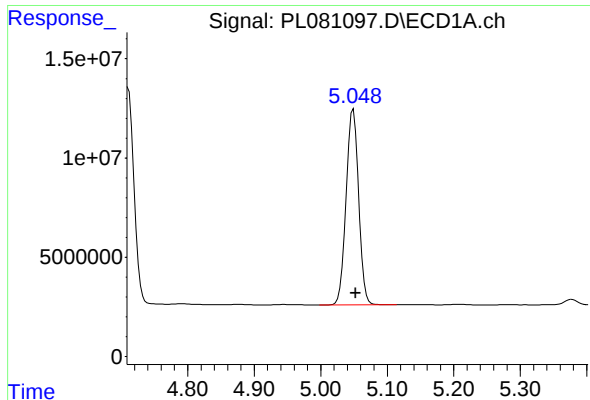
#4 Heptachlor

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 143285779
Conc: 43.57 ng/ml



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.004 min
Response: 134341613
Conc: 40.98 ng/ml m



#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 129198150
Conc: 42.95 ng/ml

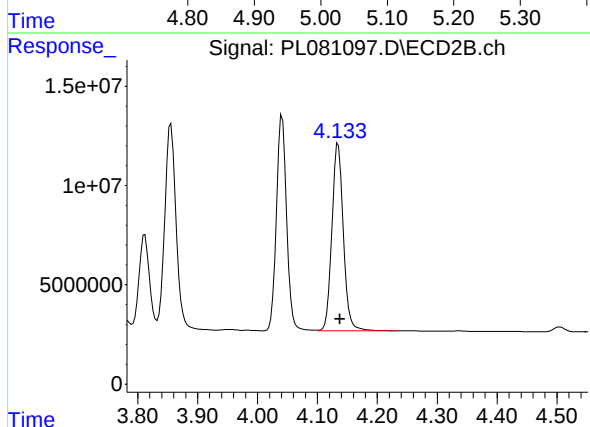
Instrument :
ECD_L
ClientSampleId :
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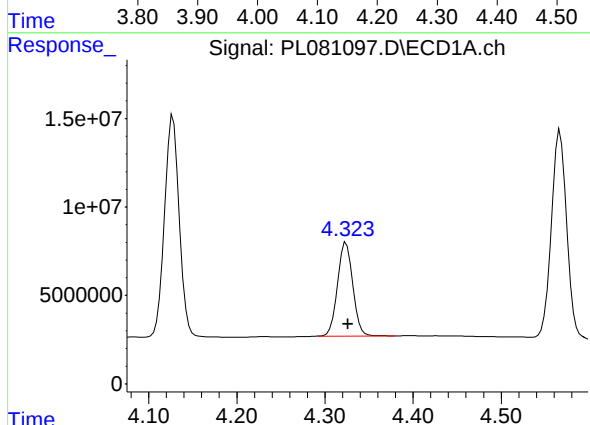
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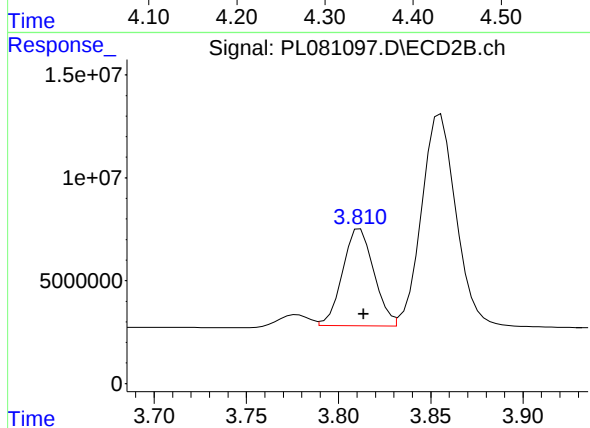
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 124788687
Conc: 40.60 ng/ml



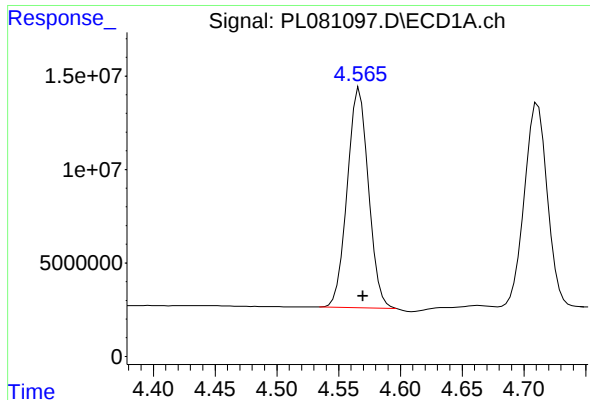
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 63836740
Conc: 42.71 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 55252925
Conc: 41.07 ng/ml m



#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.003 min
Response: 140926642
Conc: 43.89 ng/ml

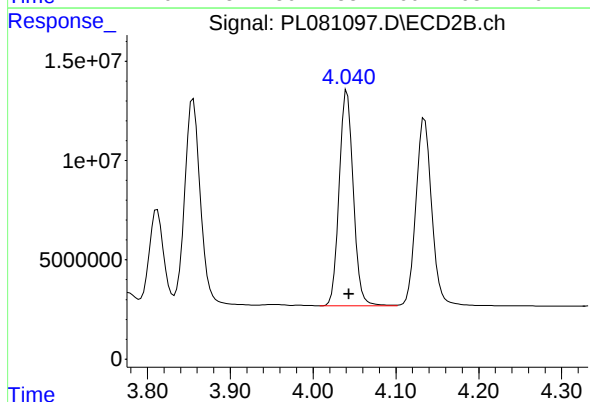
Instrument :
ECD_L
ClientSampleId :
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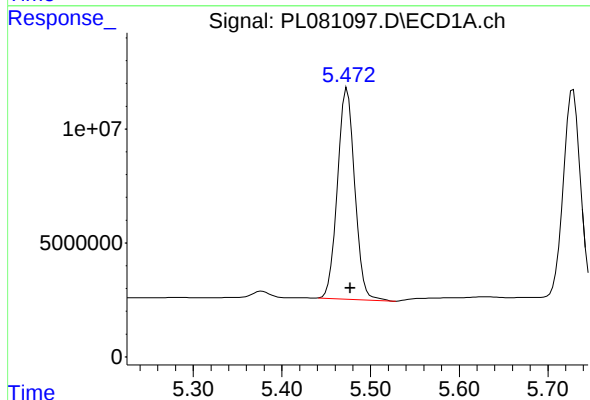
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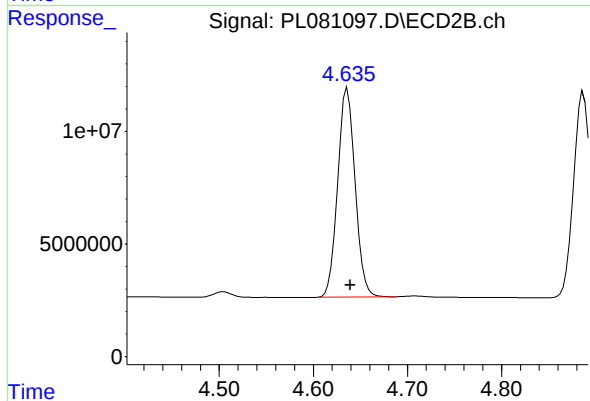
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 128025882
Conc: 42.37 ng/ml



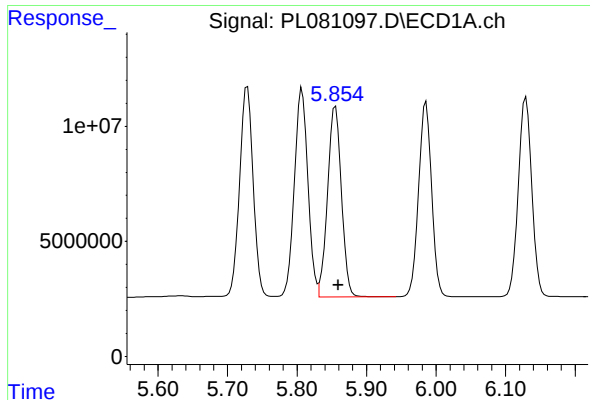
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.004 min
Response: 125303959
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.636 min
Delta R.T.: -0.003 min
Response: 119473563
Conc: 41.76 ng/ml



#9 Endosulfan I

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 115236378
Conc: 44.41 ng/ml

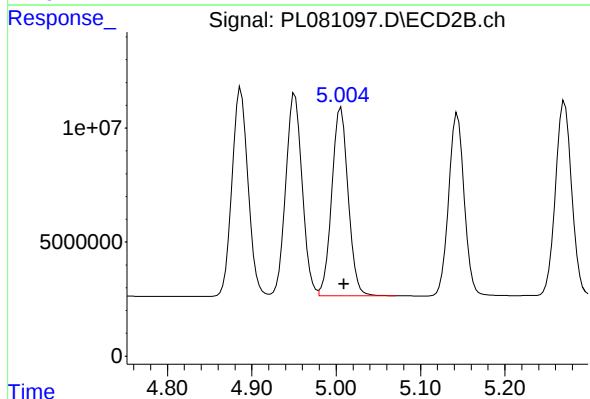
Instrument :
ECD_L
ClientSampleId :
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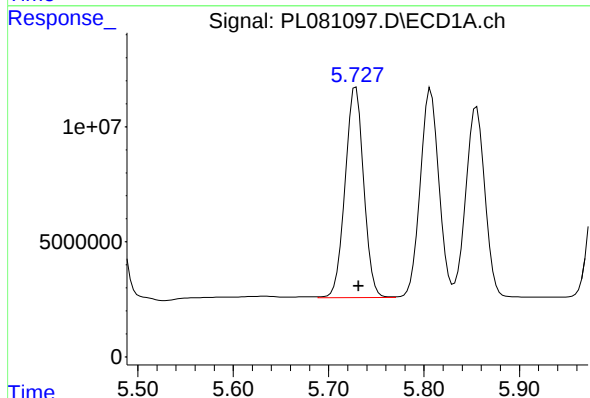
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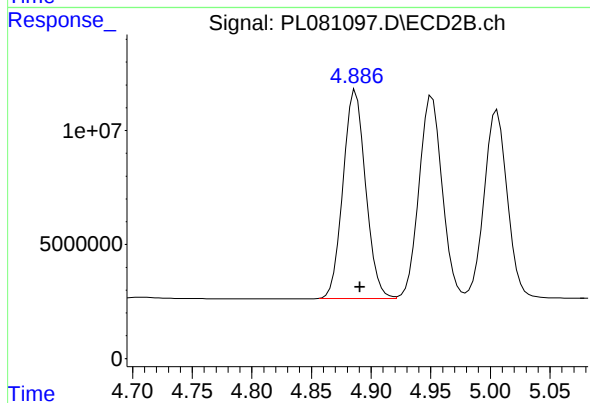
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 111566197
Conc: 41.86 ng/ml



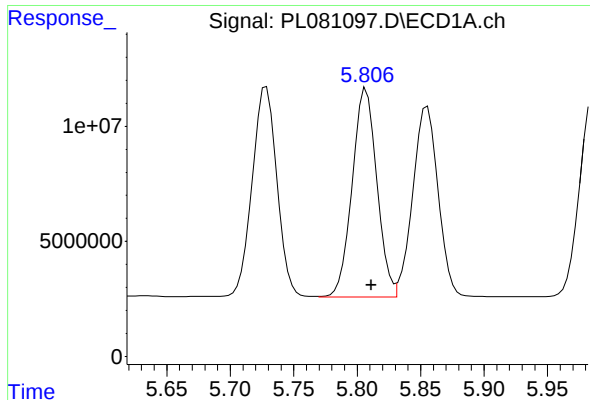
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 124652948
Conc: 44.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.004 min
Response: 120472462
Conc: 41.37 ng/ml



#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 122822068
Conc: 44.27 ng/ml

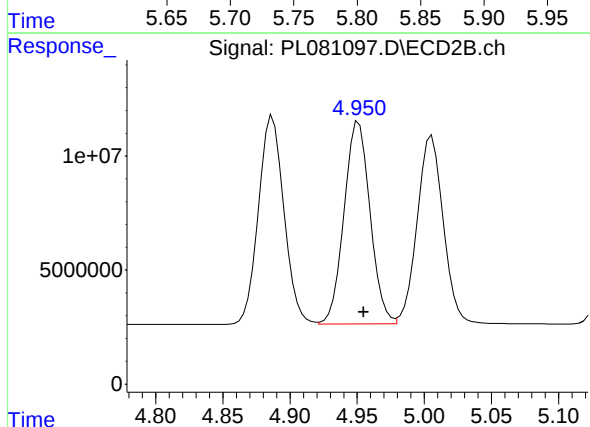
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ClientSampleId :
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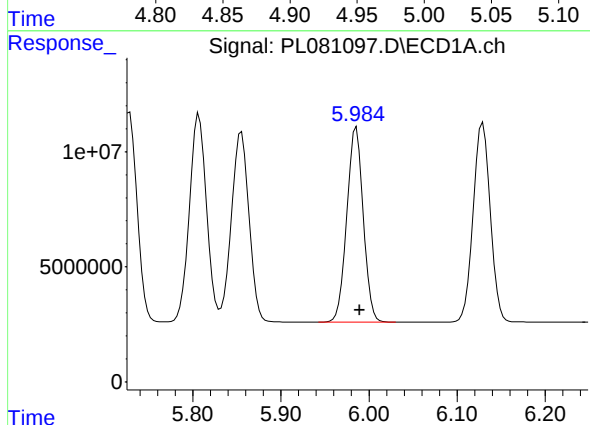
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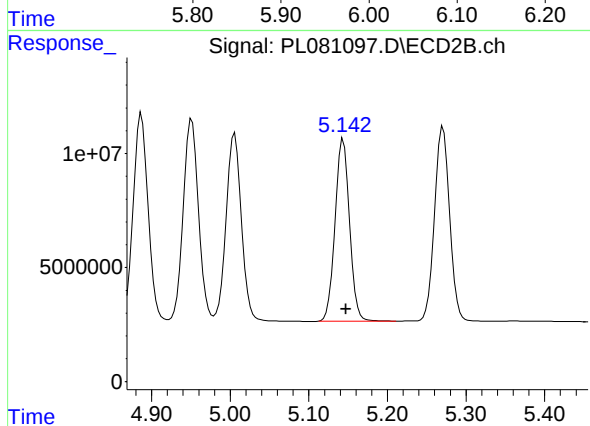
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 120331604
Conc: 41.22 ng/ml



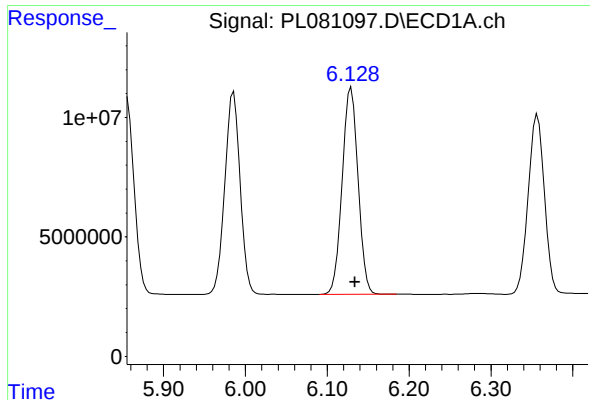
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 109904707
Conc: 44.40 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 102192695
Conc: 42.81 ng/ml



#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 117129464
Conc: 44.23 ng/ml

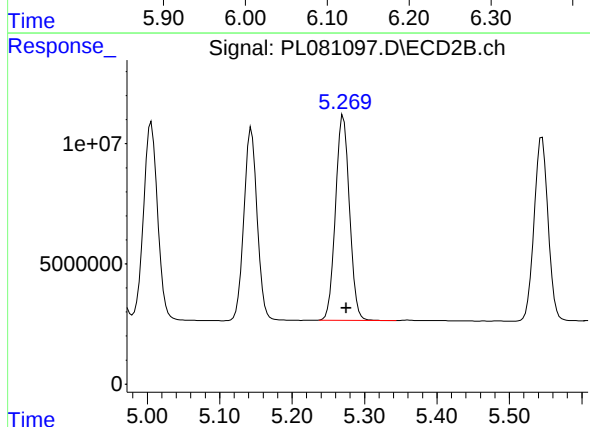
Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMSD

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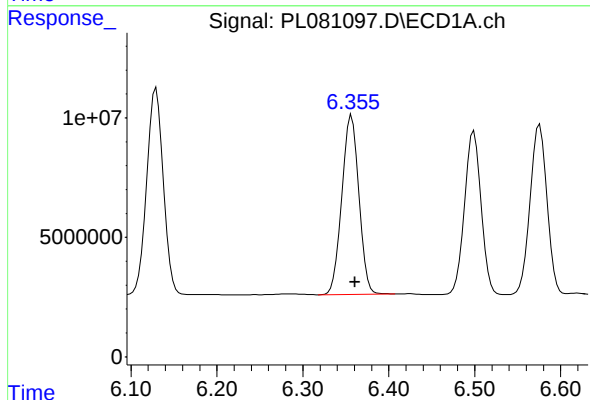
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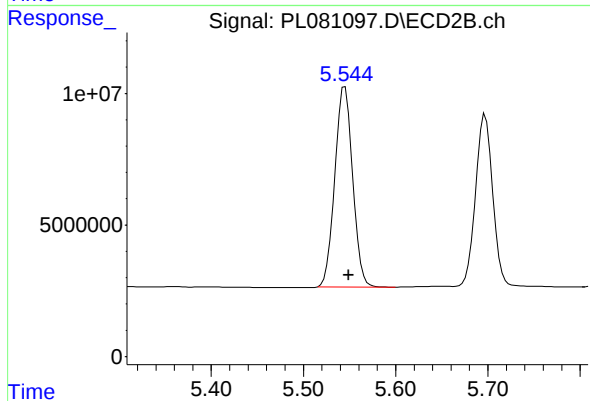
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 113798704
Conc: 41.31 ng/ml



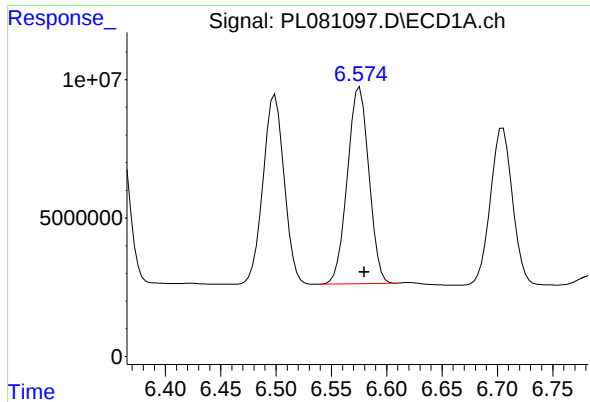
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 103094822
Conc: 43.55 ng/ml



#14 Endrin

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 102205791
Conc: 41.34 ng/ml



#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 96452774
Conc: 43.45 ng/ml

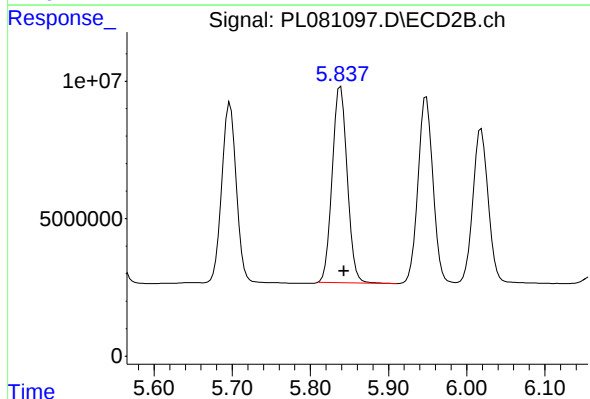
Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMSD

Manual Integrations
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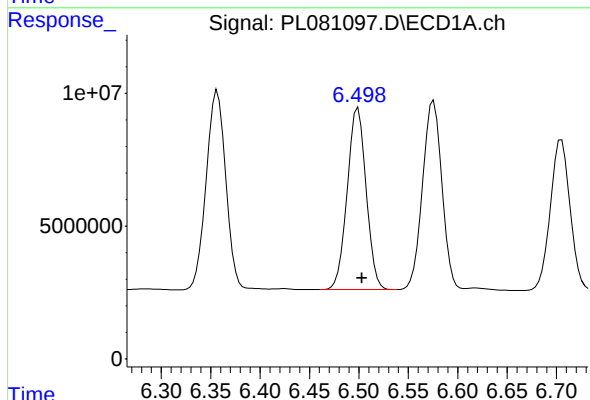
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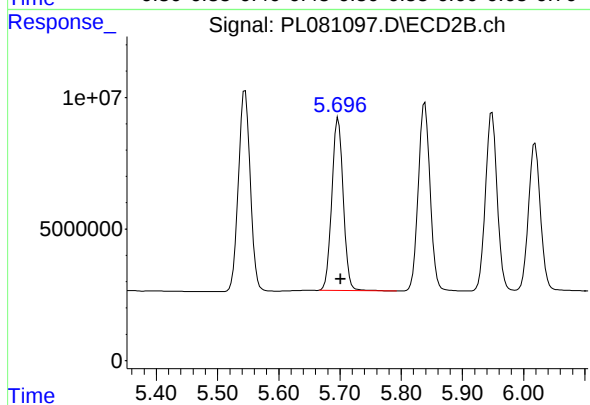
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 94966829
Conc: 42.00 ng/ml



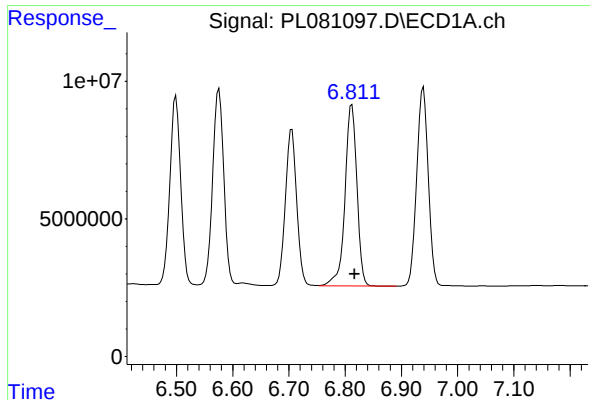
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.004 min
Response: 91245725
Conc: 45.11 ng/ml



#16 4,4'-DDD

R.T.: 5.697 min
Delta R.T.: -0.004 min
Response: 84910558
Conc: 44.61 ng/ml



#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.005 min
Response: 96922156
Conc: 42.90 ng/ml

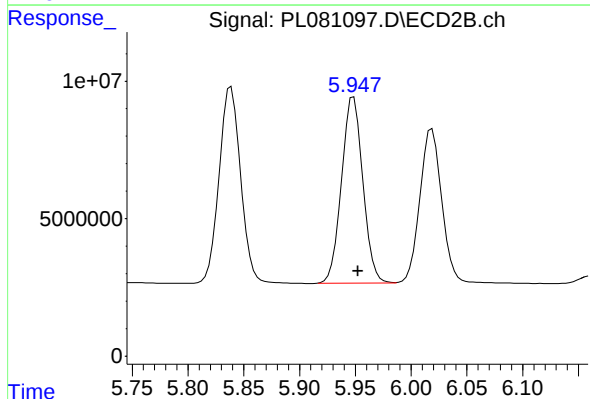
Instrument :
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WEIR-TANK-MUDMSD

Manual Integrations
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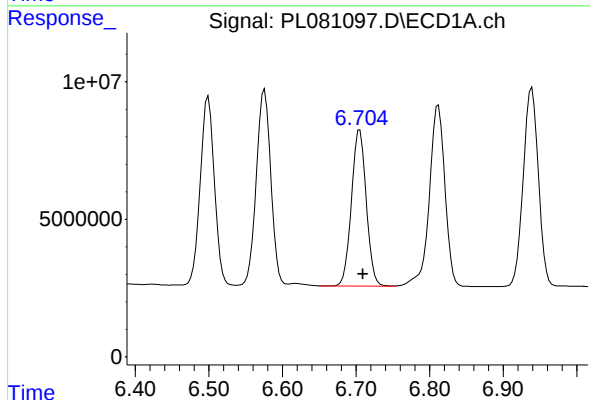
02/24/2023
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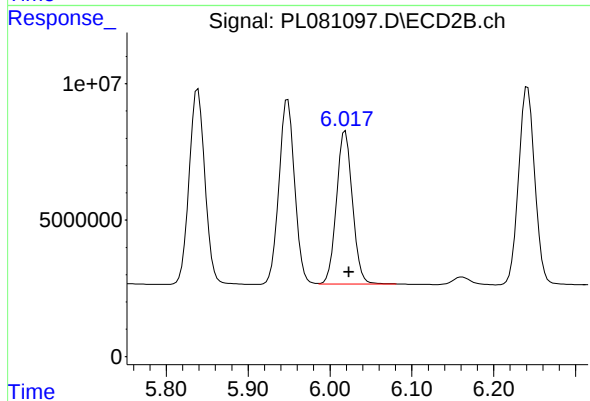
#17 4,4'-DDT

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 90079552
Conc: 41.55 ng/ml



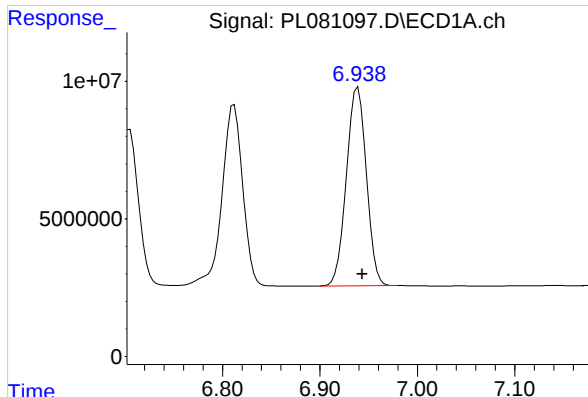
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 79177793
Conc: 43.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 76248531
Conc: 41.32 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 102883616
Conc: 44.67 ng/ml

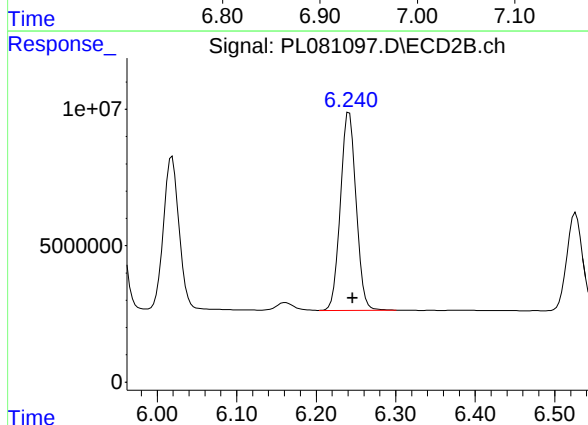
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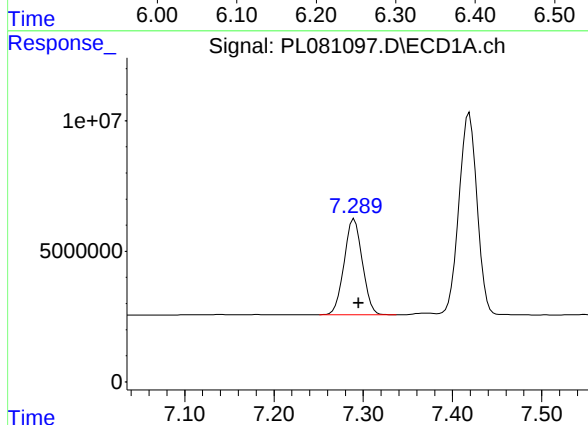
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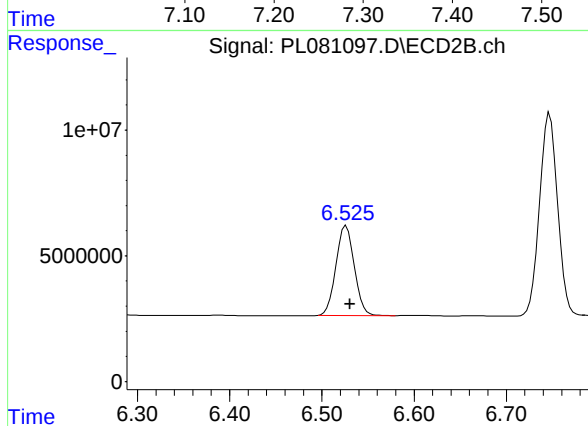
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 99539069
Conc: 42.00 ng/ml



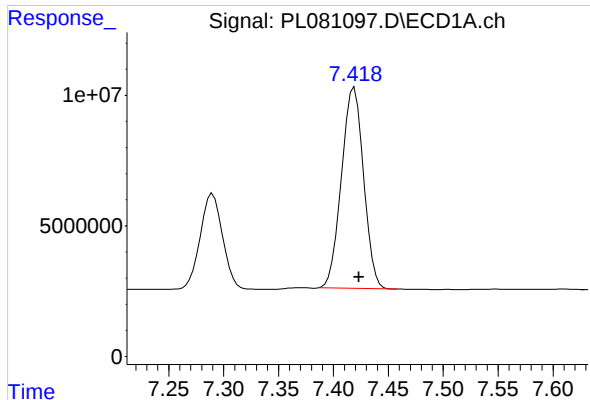
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 52053797
Conc: 42.42 ng/ml



#20 Methoxychlor

R.T.: 6.526 min
Delta R.T.: -0.004 min
Response: 49372623
Conc: 41.13 ng/ml



#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 107841186
Conc: 45.28 ng/ml

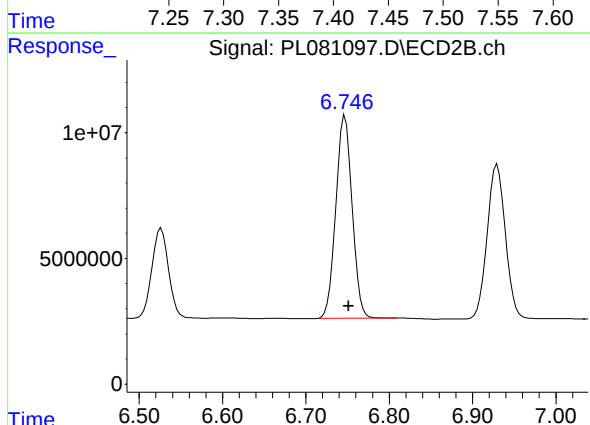
Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMSD

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

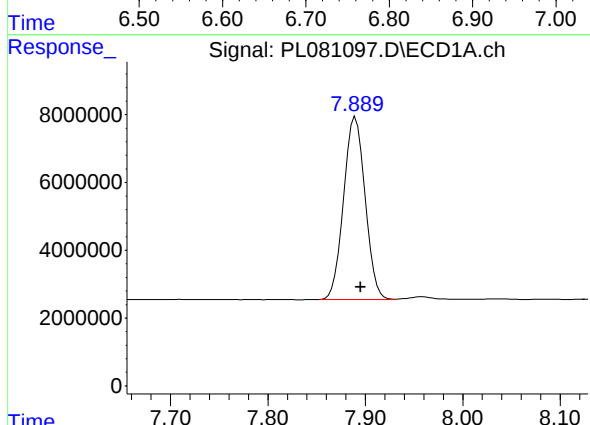
02/24/2023
Supervised By :Ankita
Jodhani

02/24/2023



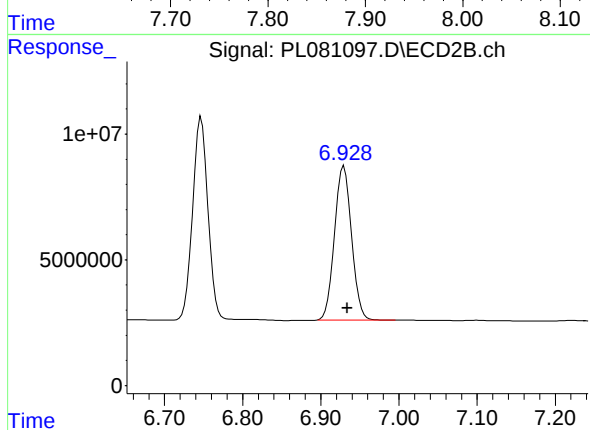
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 109560641
Conc: 41.84 ng/ml



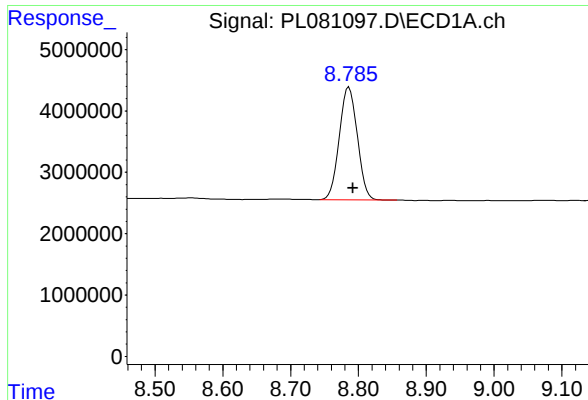
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.005 min
Response: 82730200
Conc: 44.22 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.004 min
Response: 92789740
Conc: 39.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.006 min
Response: 33971618
Conc: 17.38 ng/ml

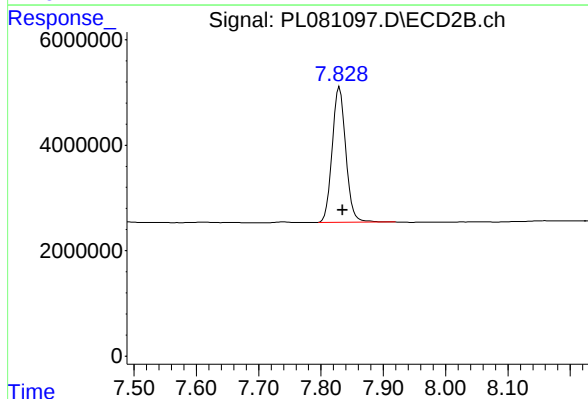
Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMSD

Manual Integrations
APPROVED

Reviewed By :Abdul
Mirza

02/24/2023
Supervised By :Ankita
Jodhani

02/24/2023



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.005 min
Response: 38930686
Conc: 16.62 ng/ml