

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 13:03
 Operator : AR\AJ
 Sample : 01633-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WEIR-TANK-MUDMS

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 19:05:08 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	37985498	35399531	16.296	15.383
28) SA Decachlor...	8.787	7.830	33691446	38758901	17.232	16.545
Target Compounds						
2) A alpha-BHC	3.800	3.188	154.6E6	141.5E6	43.864	42.237
3) MA gamma-BHC...	4.128	3.516	145.1E6	133.9E6	44.054	42.623
4) MA Heptachlor	4.712	3.854	143.5E6	133.4E6	43.622	40.681m
5) MB Aldrin	5.050	4.135	128.7E6	124.3E6	42.770	40.434
6) B beta-BHC	4.324	3.811	63693475	57344667	42.618	42.622m
7) B delta-BHC	4.567	4.041	141.7E6	127.6E6	44.125	42.236
8) B Heptachlo...	5.474	4.637	125.6E6	119.2E6	45.095	41.645
9) A Endosulfan I	5.856	5.006	115.0E6	111.0E6	44.340	41.664
10) B gamma-Chl...	5.729	4.887	125.5E6	119.8E6	44.928	41.130
11) B alpha-Chl...	5.808	4.951	122.6E6	120.0E6	44.173	41.096
12) B 4,4'-DDE	5.986	5.144	109.5E6	101.9E6	44.219	42.696
13) MA Dieldrin	6.130	5.271	116.8E6	113.3E6	44.098	41.127
14) MA Endrin	6.357	5.545	102.8E6	101.7E6	43.442	41.120
15) B Endosulfa...	6.576	5.839	96024393	94737287	43.256	41.898
16) A 4,4'-DDD	6.500	5.698	90875110	84394181	44.928	44.336
17) MA 4,4'-DDT	6.812	5.949	97009547	90205250	42.936	41.606
18) B Endrin al...	6.705	6.019	78433066	75909560	43.134	41.140
19) B Endosulfa...	6.939	6.242	102.9E6	99171504	44.693	41.840
20) A Methoxychlor	7.291	6.527	52158633	49680146	42.506	41.391
21) B Endrin ke...	7.419	6.747	106.6E6	108.9E6	44.773	41.581
22) Mirex	7.891	6.930	82456515	92362047	44.073	39.709

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022323\
 Data File : PL081096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2023 13:03
 Operator : AR\AJ
 Sample : 01633-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

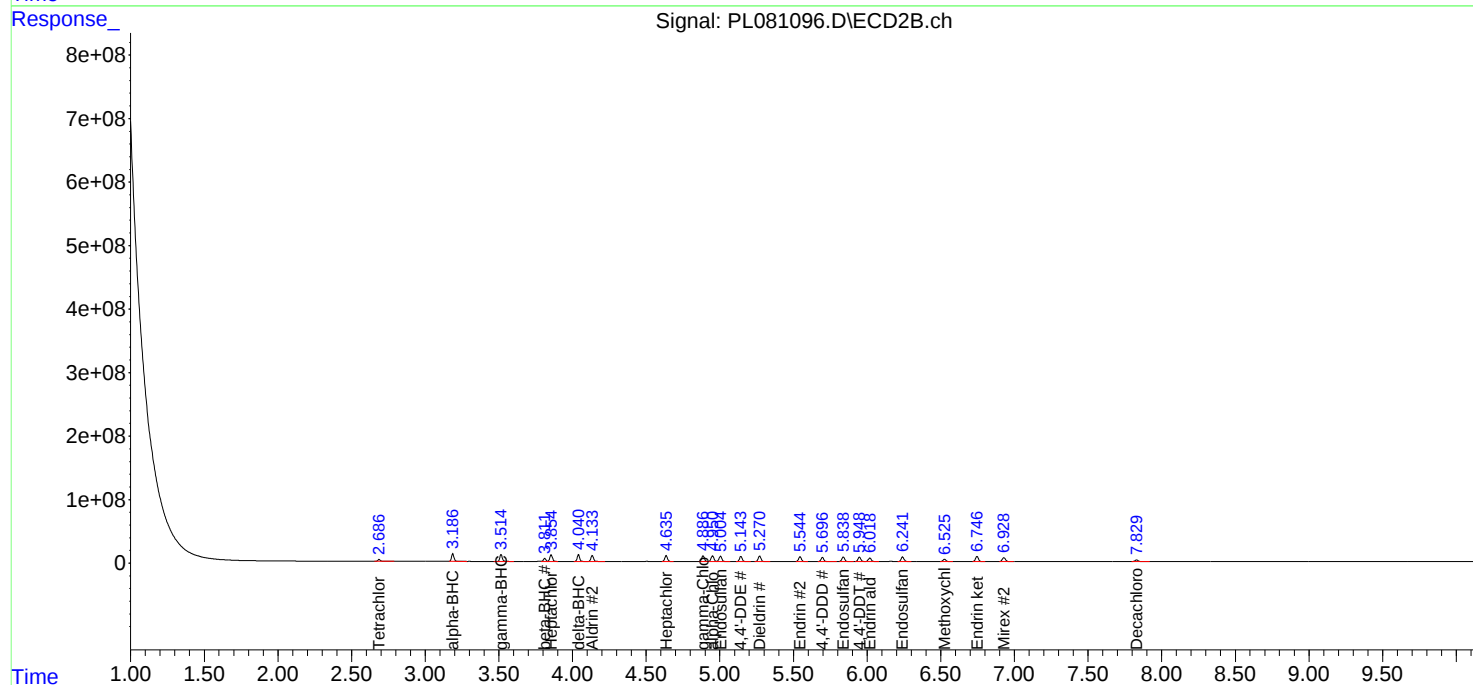
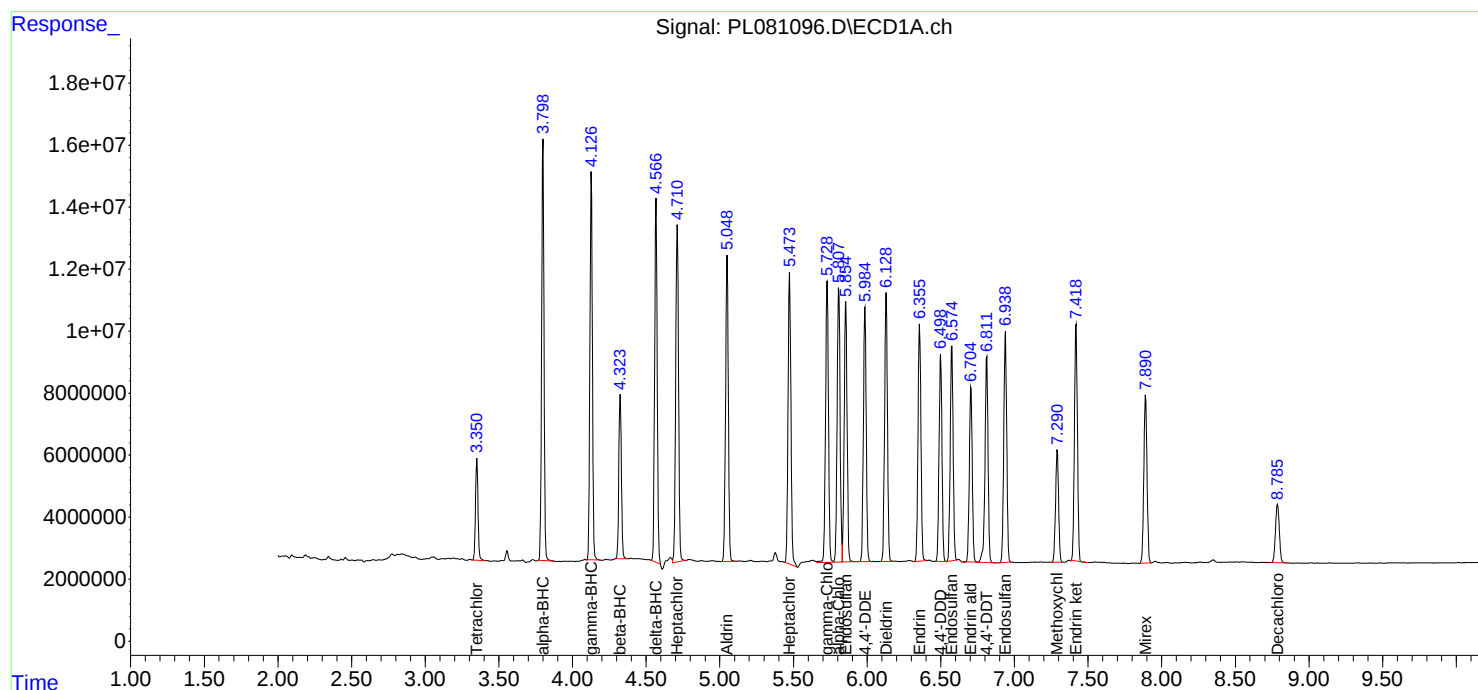
Instrument :
 ECD_L
 ClientSampleId :
 WEIR-TANK-MUDMS

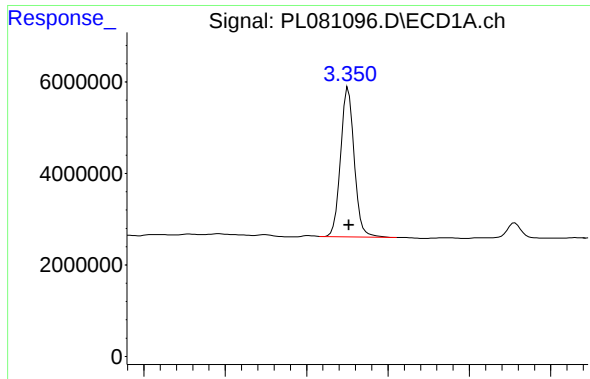
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 02/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 19:05:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





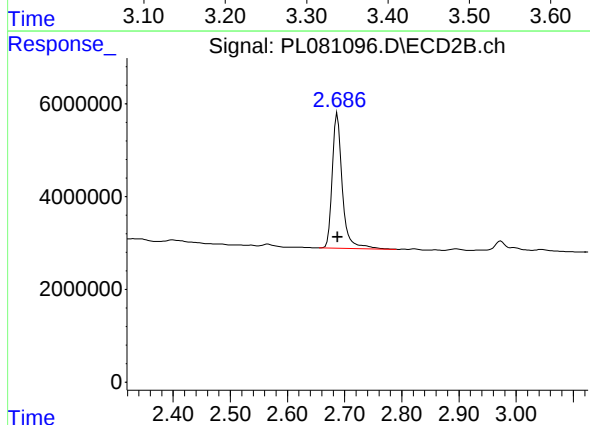
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 37985498
Conc: 16.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

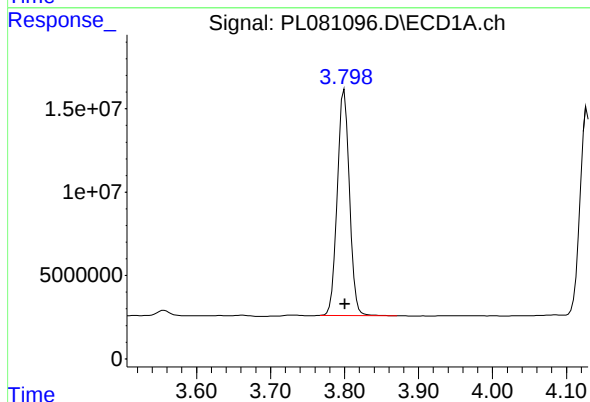
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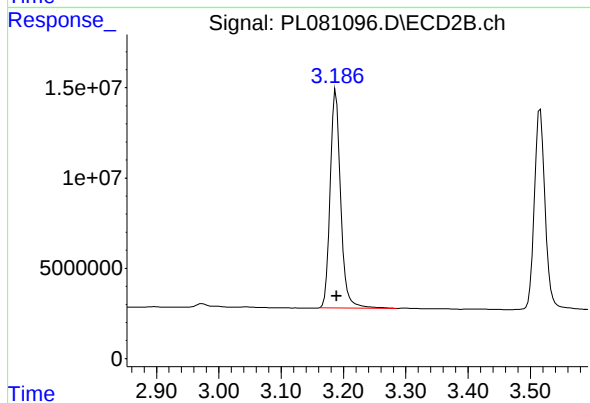
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 35399531
Conc: 15.38 ng/ml



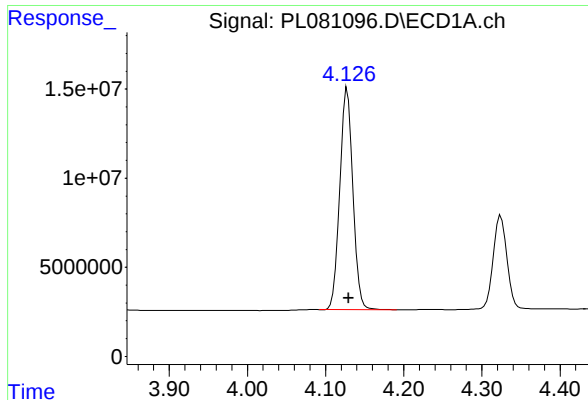
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: -0.001 min
Response: 154592231
Conc: 43.86 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.001 min
Response: 141451842
Conc: 42.24 ng/ml



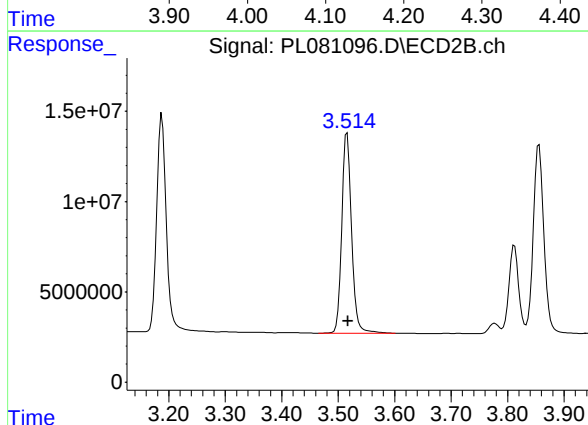
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.002 min
Response: 145095406
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

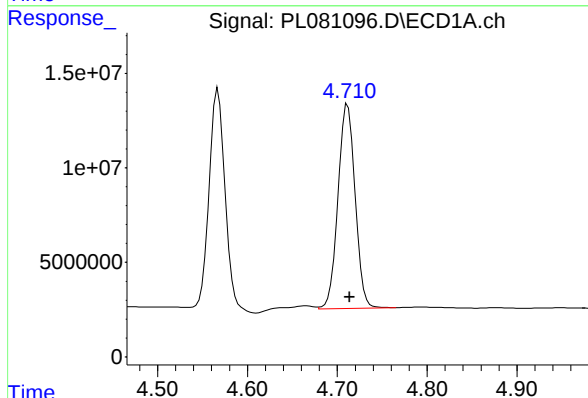
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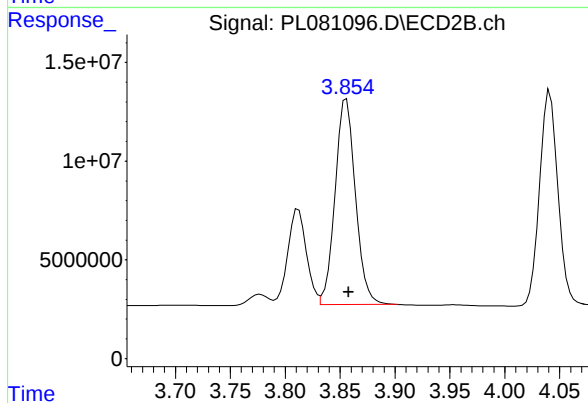
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.002 min
Response: 133882462
Conc: 42.62 ng/ml



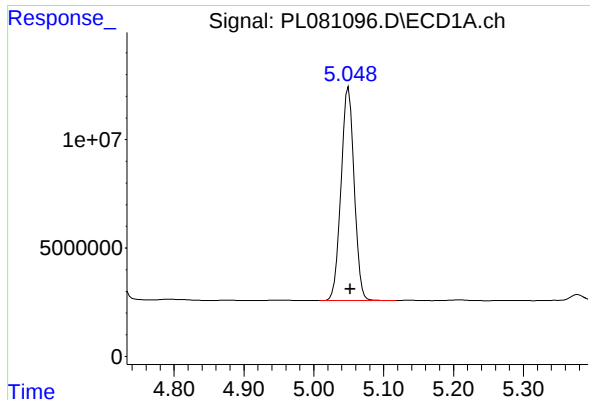
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 143453637
Conc: 43.62 ng/ml



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.003 min
Response: 133373578
Conc: 40.68 ng/ml m



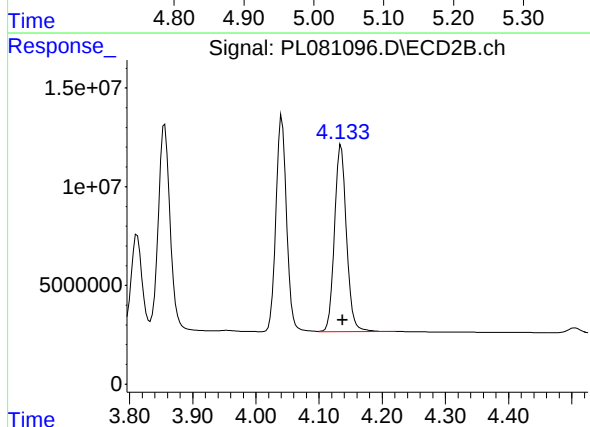
#5 Aldrin

R.T.: 5.050 min
Delta R.T.: -0.003 min
Response: 128661924
Conc: 42.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

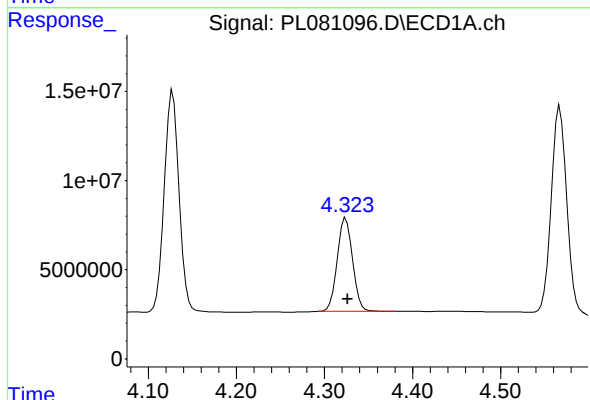
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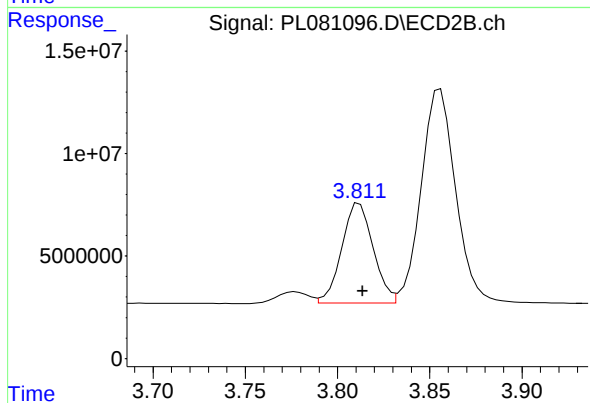
#5 Aldrin

R.T.: 4.135 min
Delta R.T.: -0.002 min
Response: 124276822
Conc: 40.43 ng/ml



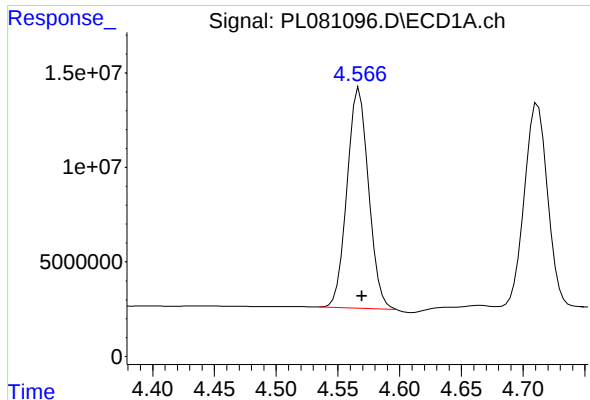
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 63693475
Conc: 42.62 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.003 min
Response: 57344667
Conc: 42.62 ng/ml m



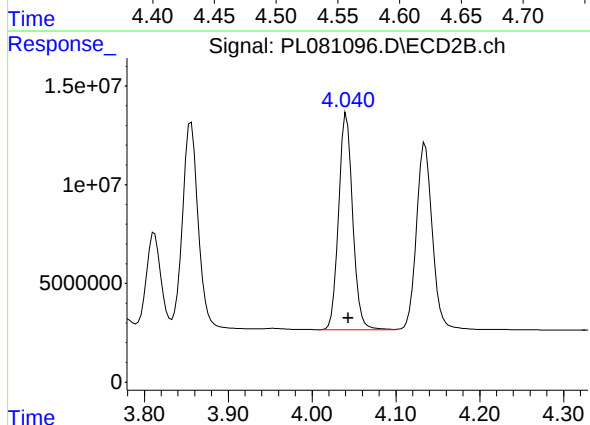
#7 delta-BHC

R.T.: 4.567 min
Delta R.T.: -0.002 min
Response: 141680778
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

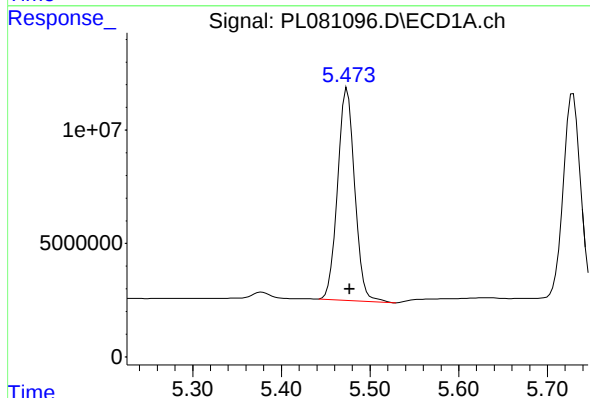
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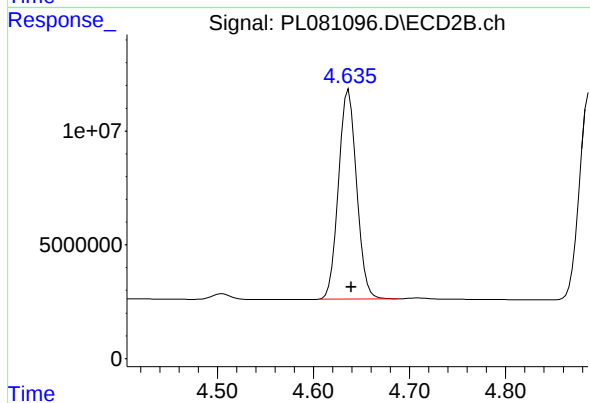
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: -0.002 min
Response: 127607438
Conc: 42.24 ng/ml



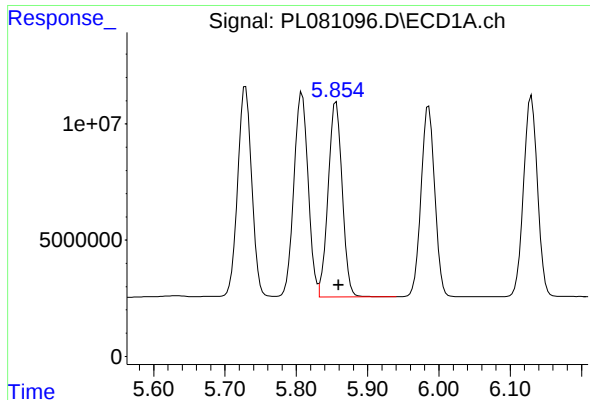
#8 Heptachlor epoxide

R.T.: 5.474 min
Delta R.T.: -0.003 min
Response: 125573013
Conc: 45.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.637 min
Delta R.T.: -0.003 min
Response: 119158203
Conc: 41.64 ng/ml



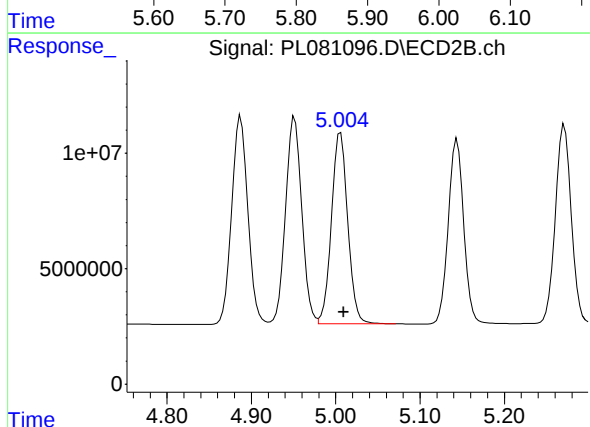
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 115048528
Conc: 44.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

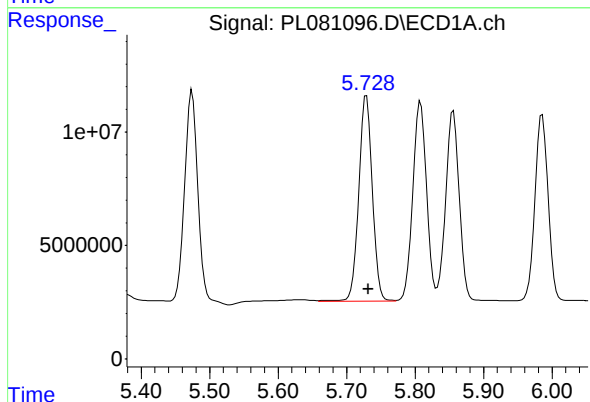
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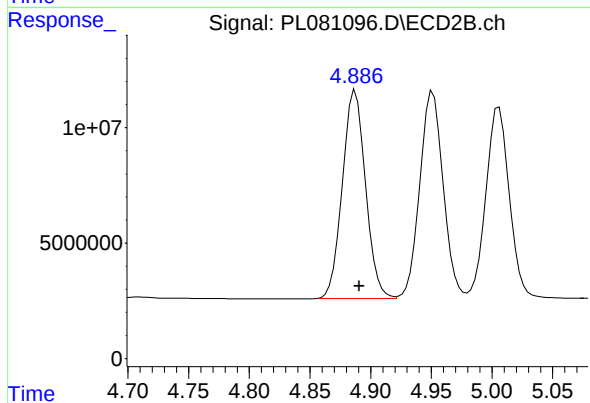
#9 Endosulfan I

R.T.: 5.006 min
Delta R.T.: -0.004 min
Response: 111049268
Conc: 41.66 ng/ml



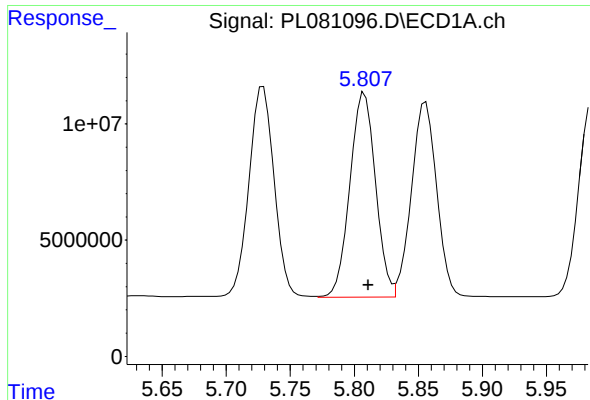
#10 gamma-Chlordane

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 125500689
Conc: 44.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.003 min
Response: 119777563
Conc: 41.13 ng/ml



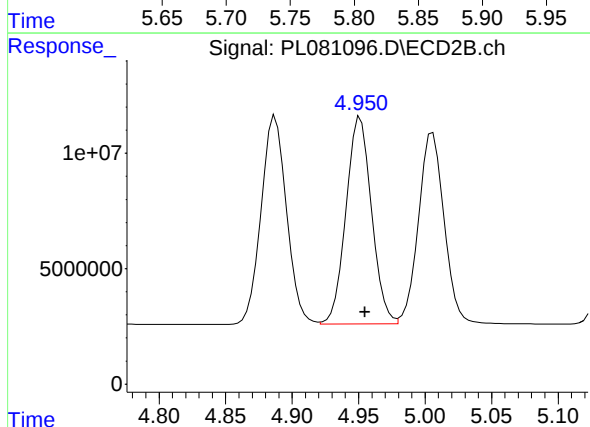
#11 alpha-Chlordane

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 122566861
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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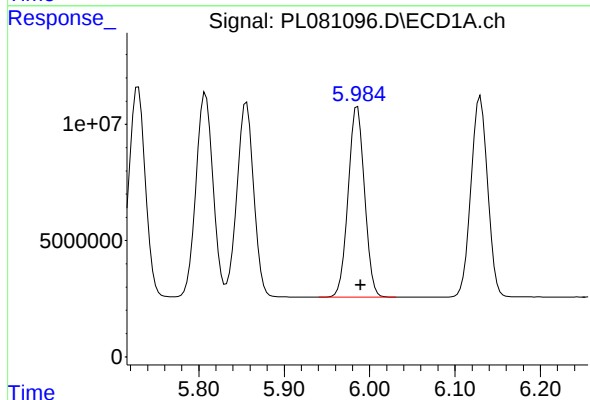
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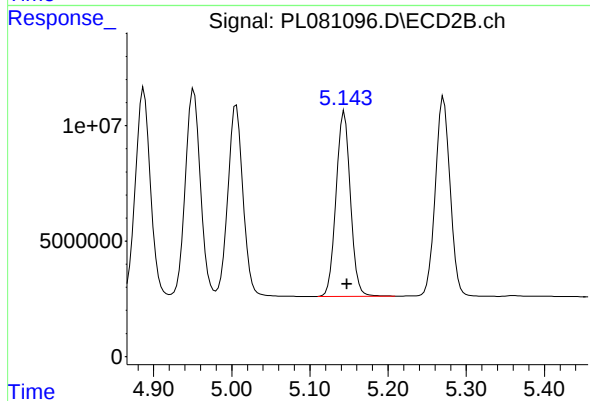
#11 alpha-Chlordane

R.T.: 4.951 min
Delta R.T.: -0.003 min
Response: 119982036
Conc: 41.10 ng/ml



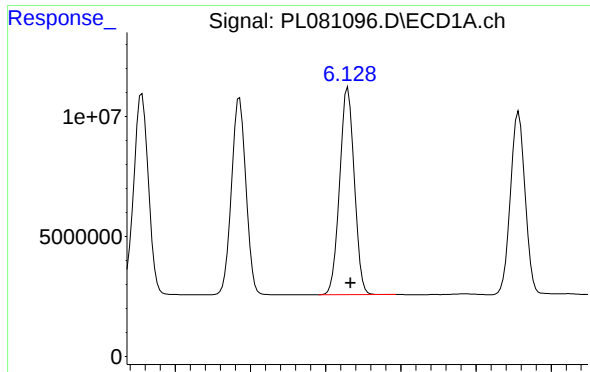
#12 4,4'-DDE

R.T.: 5.986 min
Delta R.T.: -0.004 min
Response: 109452518
Conc: 44.22 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 101916275
Conc: 42.70 ng/ml



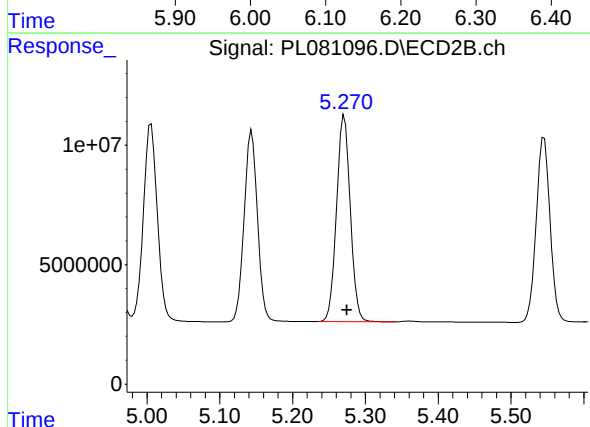
#13 Dieldrin

R.T.: 6.130 min
Delta R.T.: -0.004 min
Response: 116780196
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

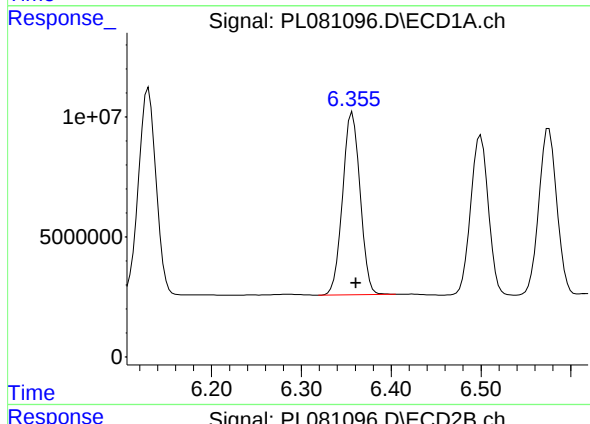
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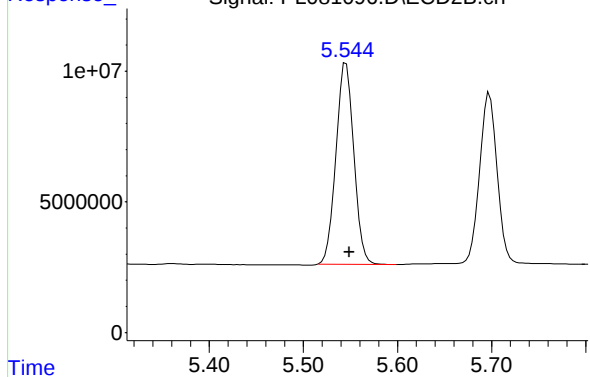
#13 Dieldrin

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 113281047
Conc: 41.13 ng/ml



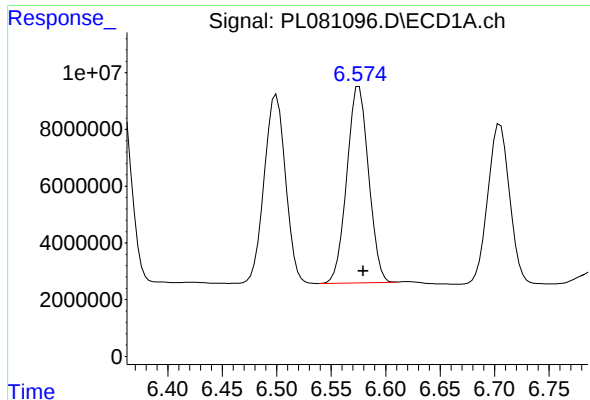
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 102847446
Conc: 43.44 ng/ml



#14 Endrin

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 101672155
Conc: 41.12 ng/ml



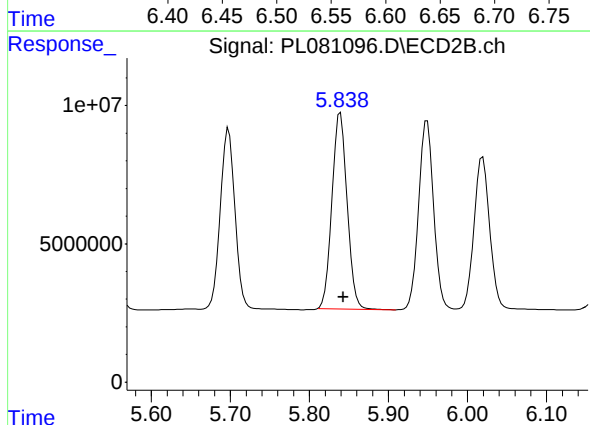
#15 Endosulfan II

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 96024393
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

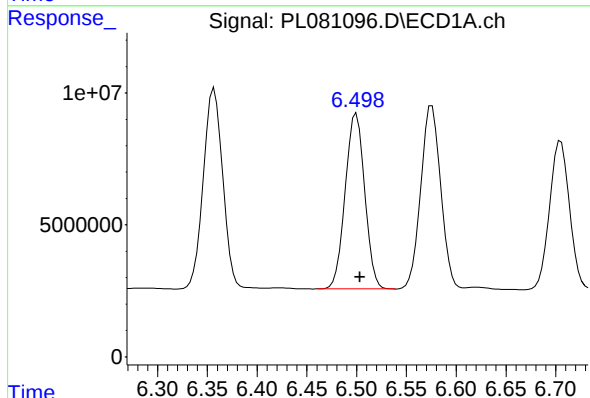
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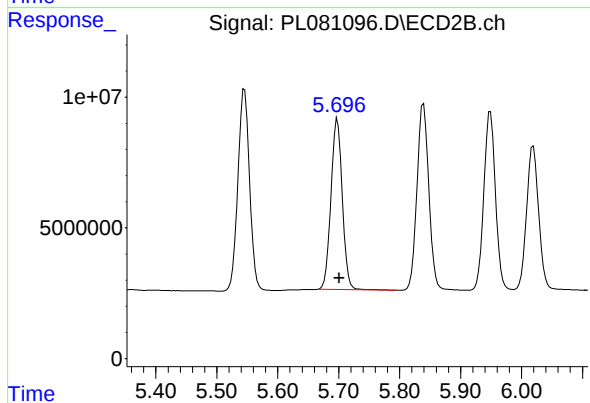
#15 Endosulfan II

R.T.: 5.839 min
Delta R.T.: -0.004 min
Response: 94737287
Conc: 41.90 ng/ml



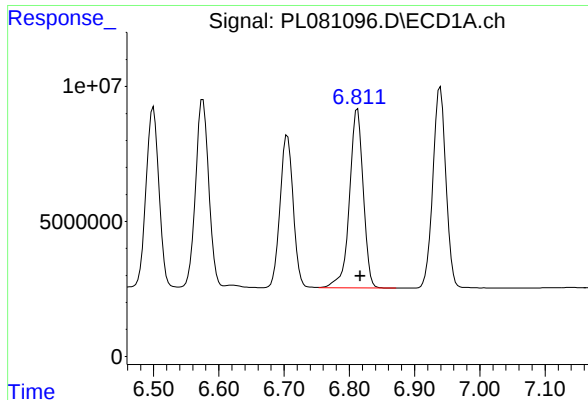
#16 4,4'-DDD

R.T.: 6.500 min
Delta R.T.: -0.004 min
Response: 90875110
Conc: 44.93 ng/ml



#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 84394181
Conc: 44.34 ng/ml



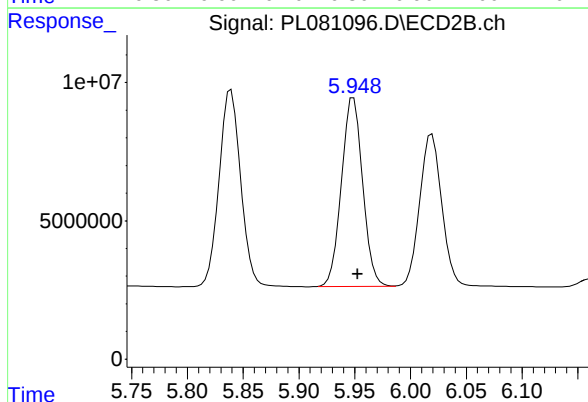
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 97009547
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

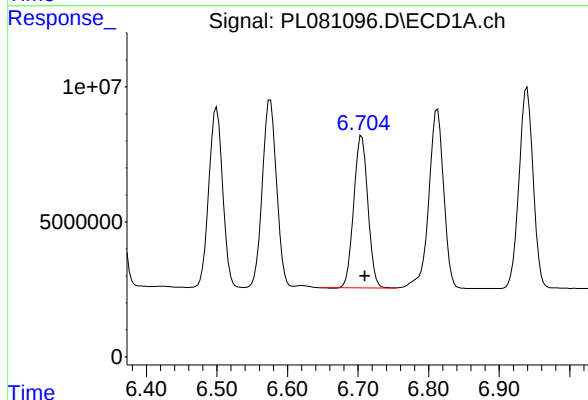
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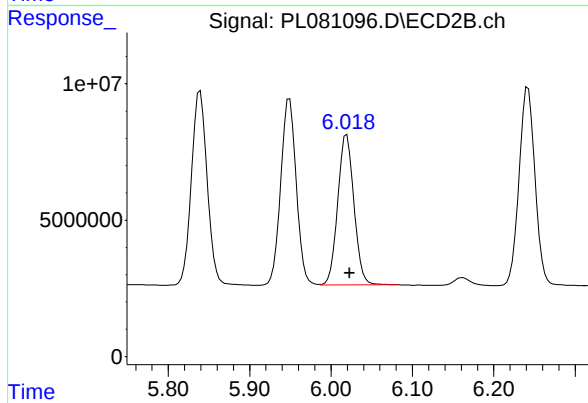
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 90205250
Conc: 41.61 ng/ml



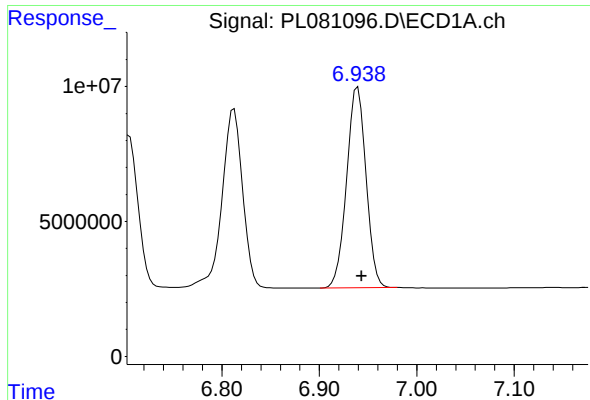
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 78433066
Conc: 43.13 ng/ml



#18 Endrin aldehyde

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 75909560
Conc: 41.14 ng/ml



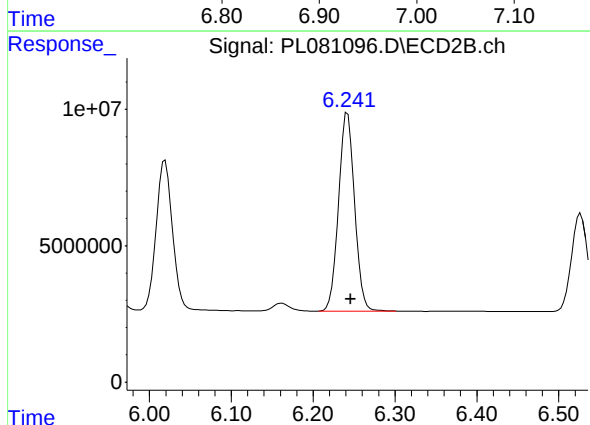
#19 Endosulfan Sulfate

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 102929136
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

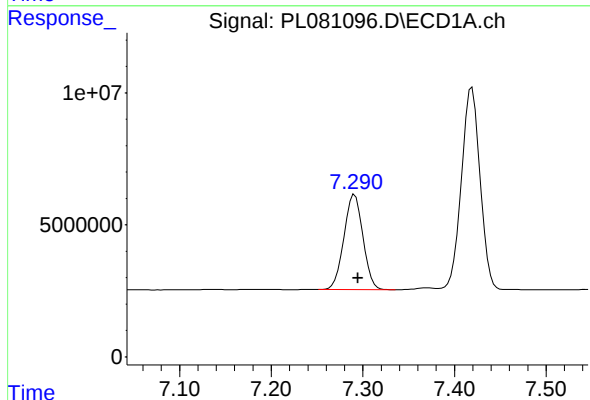
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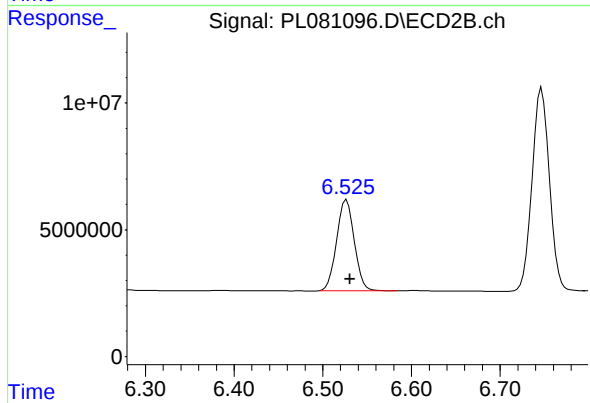
#19 Endosulfan Sulfate

R.T.: 6.242 min
Delta R.T.: -0.004 min
Response: 99171504
Conc: 41.84 ng/ml



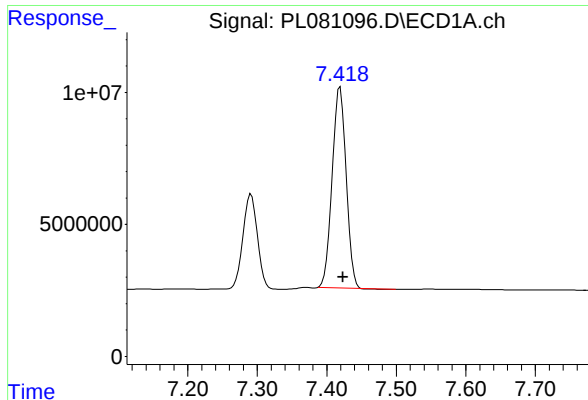
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 52158633
Conc: 42.51 ng/ml



#20 Methoxychlor

R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 49680146
Conc: 41.39 ng/ml



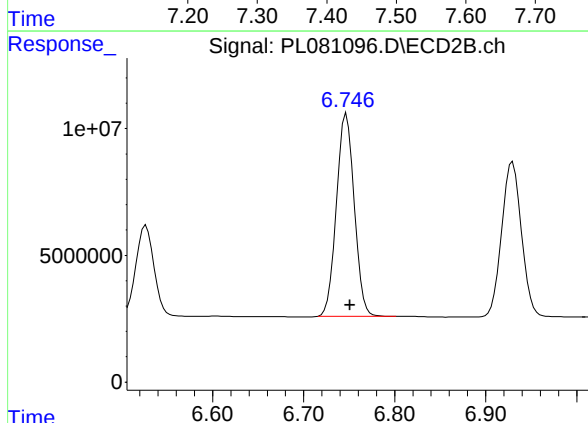
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.004 min
Response: 106625400
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

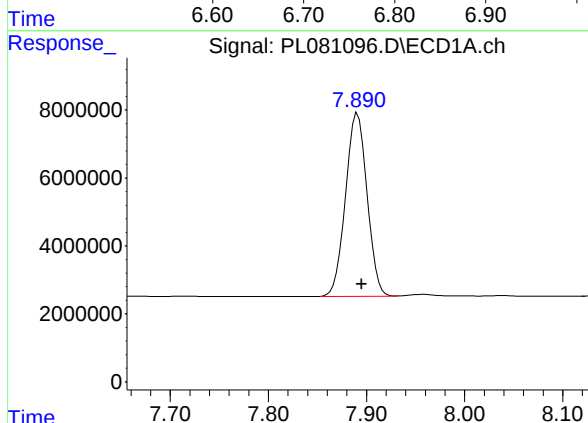
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/24/2023
Supervised By :Ankita Jodhani 02/24/2023



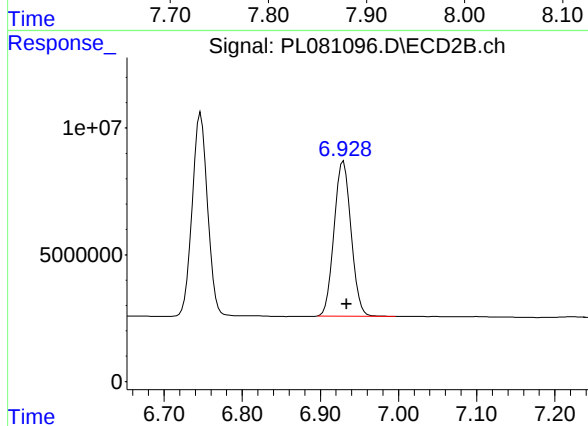
#21 Endrin ketone

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 108871126
Conc: 41.58 ng/ml



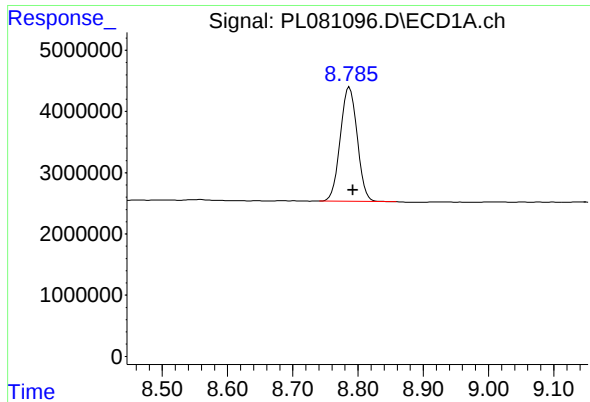
#22 Mirex

R.T.: 7.891 min
Delta R.T.: -0.004 min
Response: 82456515
Conc: 44.07 ng/ml



#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.004 min
Response: 92362047
Conc: 39.71 ng/ml



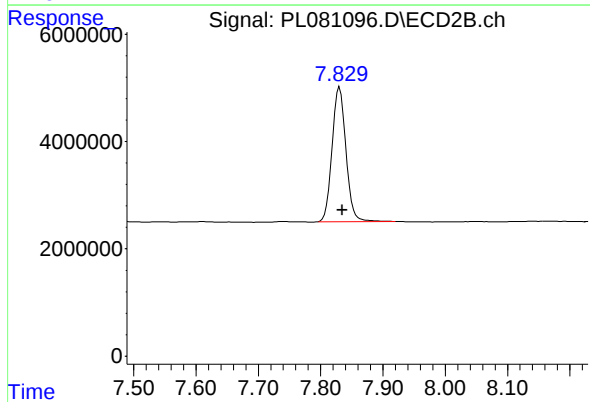
#28 Decachlorobiphenyl

R.T.: 8.787 min
Delta R.T.: -0.005 min
Response: 33691446
Conc: 17.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WEIR-TANK-MUDMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: -0.005 min
Response: 38758901
Conc: 16.54 ng/ml