

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
 Data File : PL081576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Mar 2023 11:46
 Operator : AR\AJ
 Sample : 02002-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 031023-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2023
 Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 06:37:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.330	2.661	41189981	36002384	19.064	17.789
28) SA Decachlor...	8.750	7.778	26739858	32338248	17.540	16.882
Target Compounds						
2) A alpha-BHC	3.780	3.160	147.1E6	125.3E6	46.232	42.739
3) MA gamma-BHC...	4.108	3.488	143.0E6	124.9E6	48.334	45.387
4) MA Heptachlor	4.687	3.821	129.0E6	118.6E6	46.749	42.978
5) MB Aldrin	5.024	4.098	125.6E6	118.9E6	49.362	45.353
6) B beta-BHC	4.310	3.787	62859775	49681695	45.667	42.806
7) B delta-BHC	4.552	4.014	135.0E6	116.0E6	48.593	45.540
8) B Heptachlo...	5.450	4.600	113.6E6	109.4E6	48.147	45.240
9) A Endosulfan I	5.830	4.968	102.8E6	100.6E6	48.657	44.437
10) B gamma-Chl...	5.704	4.849	112.4E6	108.5E6	49.251	44.322
11) B alpha-Chl...	5.783	4.912	110.5E6	109.4E6	49.051	44.659
12) B 4,4'-DDE	5.960	5.101	92569553	89945320	47.312	45.824m
13) MA Dieldrin	6.103	5.232	105.1E6	105.6E6	50.197m	46.855
14) MA Endrin	6.332	5.505	88891831	94983949	48.909	47.264m
15) B Endosulfa...	6.554	5.801	88250100	90528037	50.617	49.101m
16) A 4,4'-DDD	6.474	5.656	77003312	71826064	50.022m	46.820m
17) MA 4,4'-DDT	6.786	5.906	78412710	79508346	49.400	49.559
18) B Endrin al...	6.682	5.983	73623054	74890220	51.436m	49.431
19) B Endosulfa...	6.917	6.204	84882993	88686337	47.275	46.141m
20) A Methoxychlor	7.266	6.484	43499943	47795267	50.501	51.498m
21) B Endrin ke...	7.395	6.709	93820941	101.4E6	51.720m	47.116m
22) Mirex	7.862	6.881	70784512	87014315	48.512	45.211m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032023\
Data File : PL081576.D
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Acq On : 20 Mar 2023 11:46
Operator : AR\AJ
Sample : 02002-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

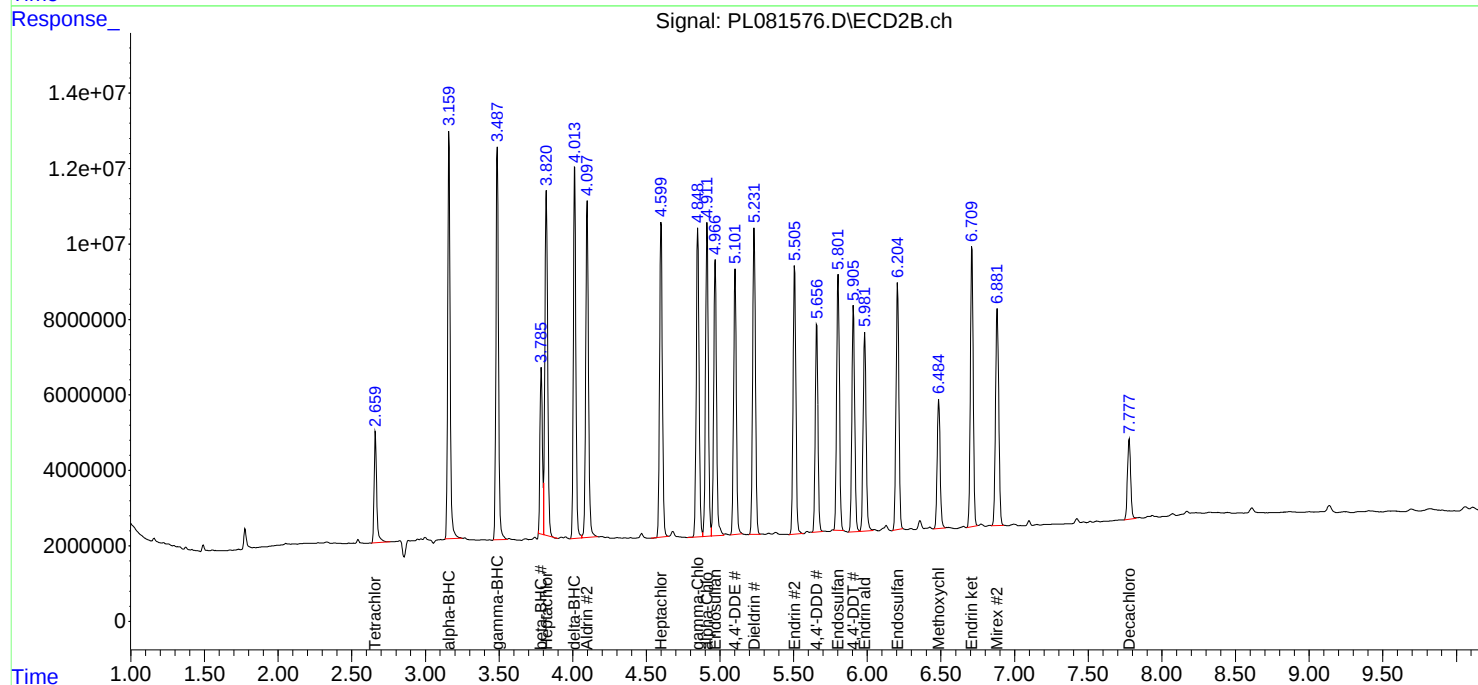
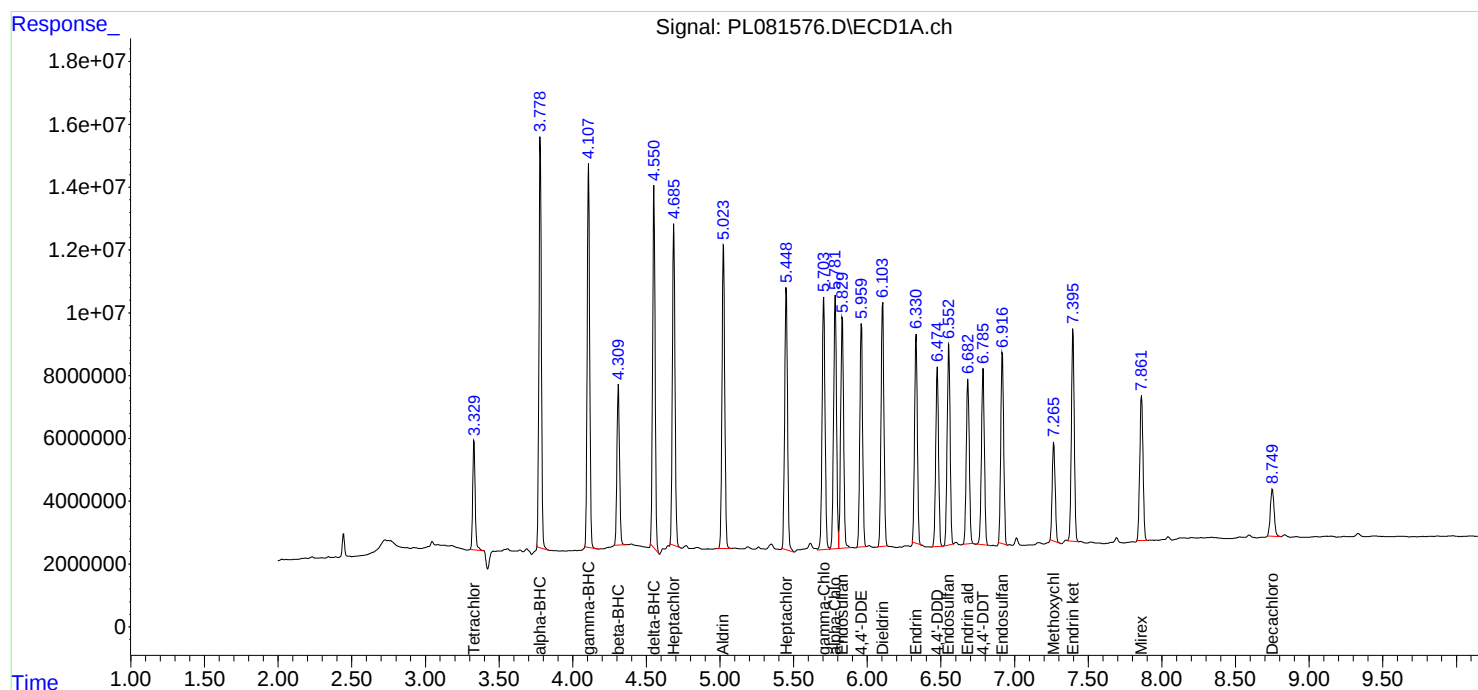
Instrument :
ECD_L
ClientSampleId :
031023-3MS

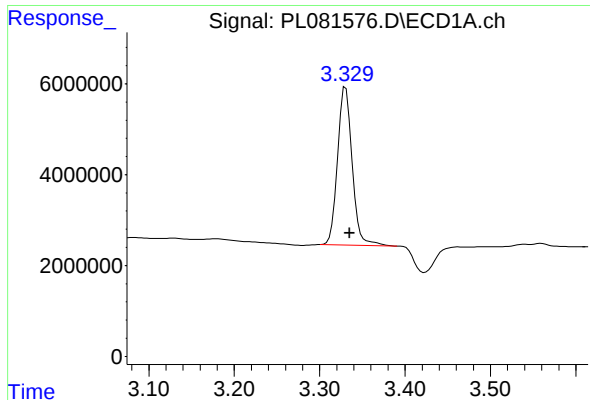
Manual Integrations
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Supervised By :Ankita Jodhani 03/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 06:37:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
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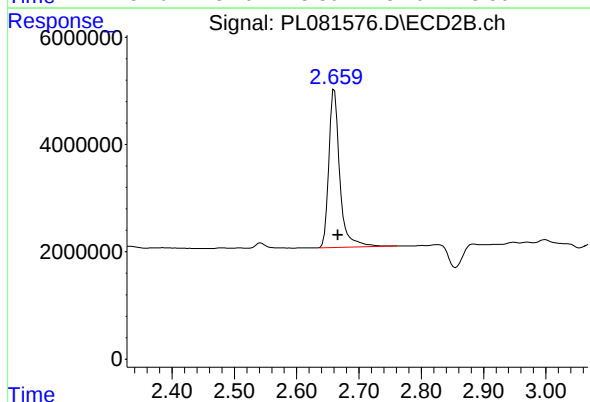
#1 Tetrachloro-m-xylene

R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 41189981
Conc: 19.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

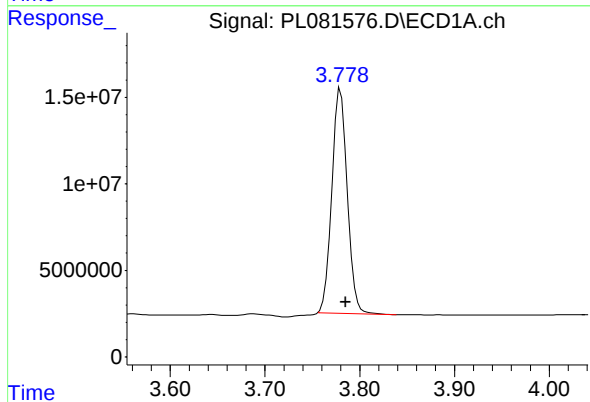
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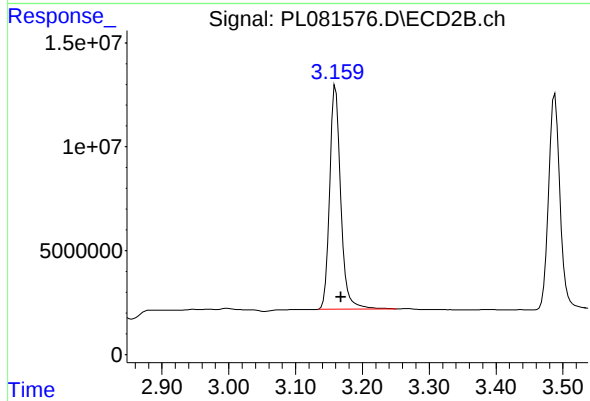
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.006 min
Response: 36002384
Conc: 17.79 ng/ml



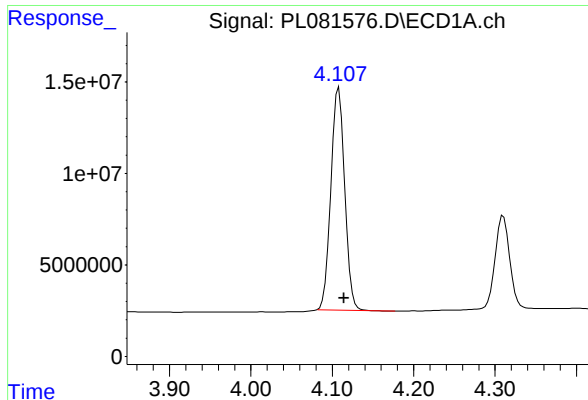
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 147077104
Conc: 46.23 ng/ml



#2 alpha-BHC

R.T.: 3.160 min
Delta R.T.: -0.008 min
Response: 125253364
Conc: 42.74 ng/ml



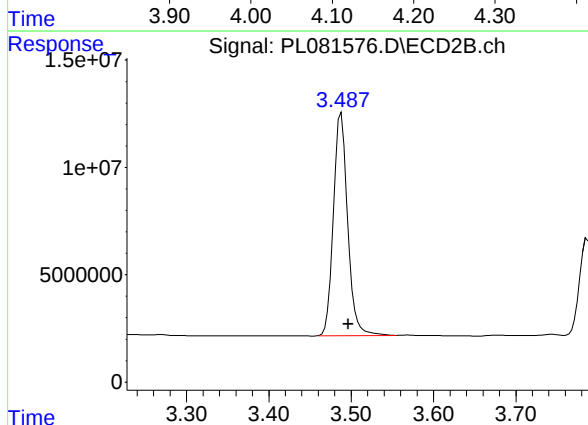
#3 gamma-BHC (Lindane)

R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 14299522
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

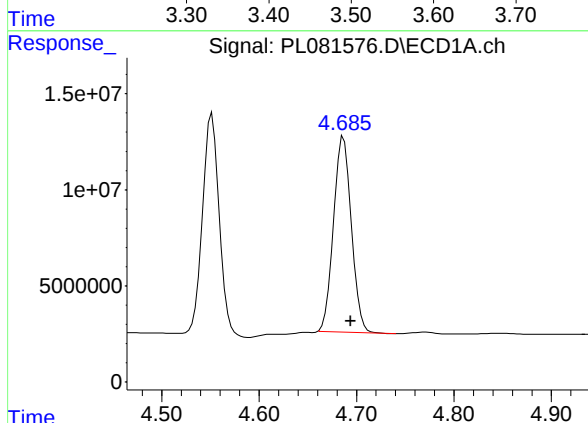
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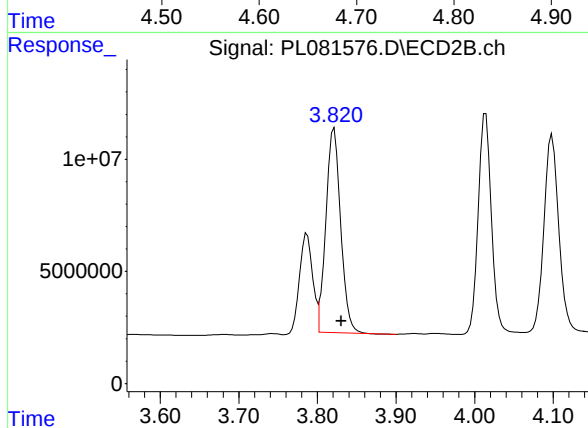
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 124863510
Conc: 45.39 ng/ml



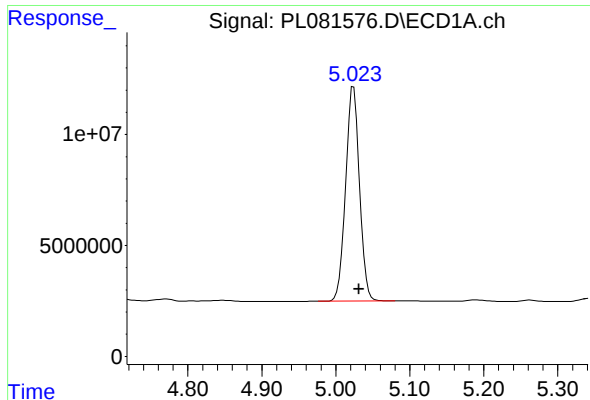
#4 Heptachlor

R.T.: 4.687 min
Delta R.T.: -0.007 min
Response: 128997487
Conc: 46.75 ng/ml



#4 Heptachlor

R.T.: 3.821 min
Delta R.T.: -0.009 min
Response: 118598085
Conc: 42.98 ng/ml



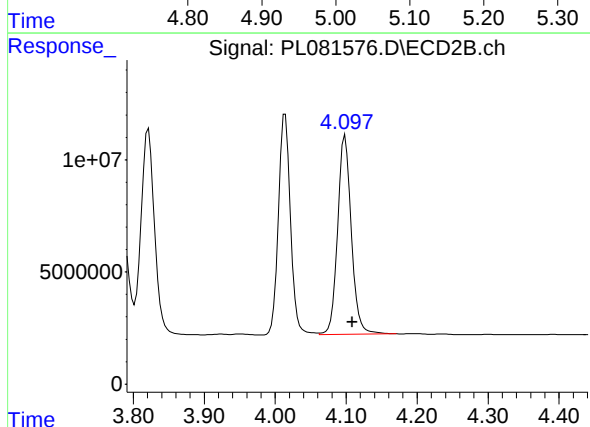
#5 Aldrin

R.T.: 5.024 min
Delta R.T.: -0.008 min
Response: 125584404
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

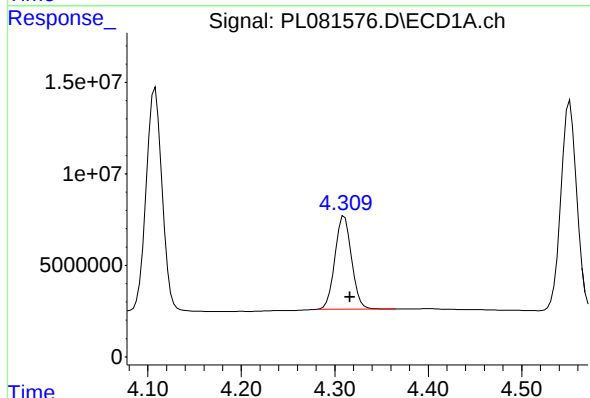
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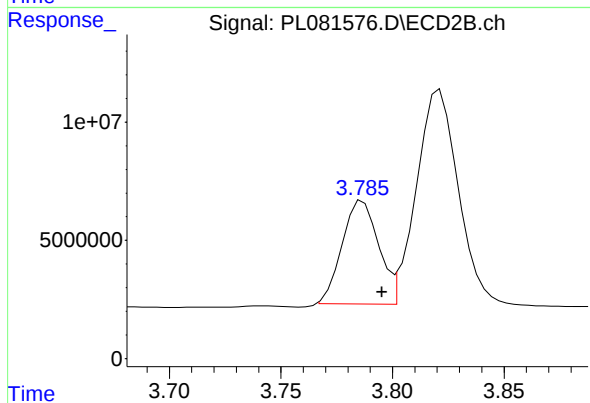
#5 Aldrin

R.T.: 4.098 min
Delta R.T.: -0.010 min
Response: 118904203
Conc: 45.35 ng/ml



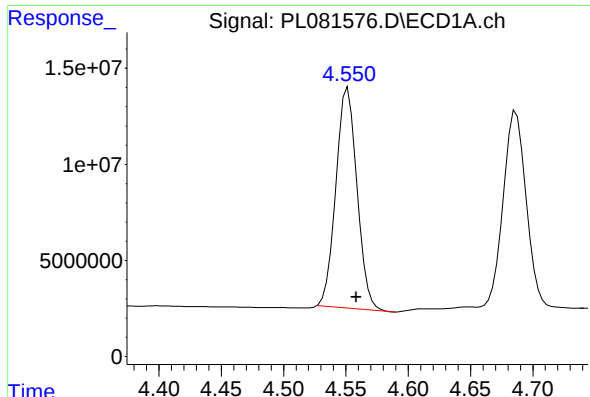
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 62859775
Conc: 45.67 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: -0.009 min
Response: 49681695
Conc: 42.81 ng/ml



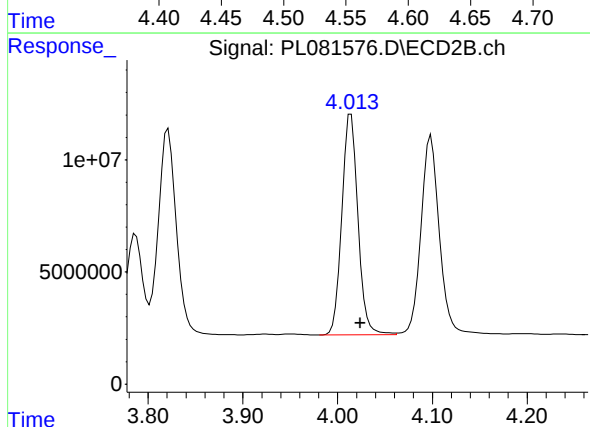
#7 delta-BHC

R.T.: 4.552 min
Delta R.T.: -0.007 min
Response: 135049289
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

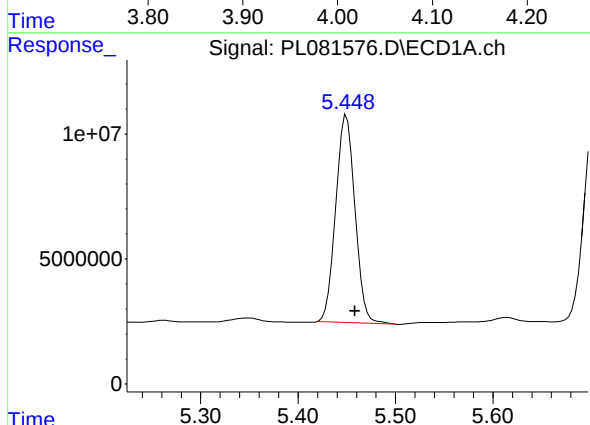
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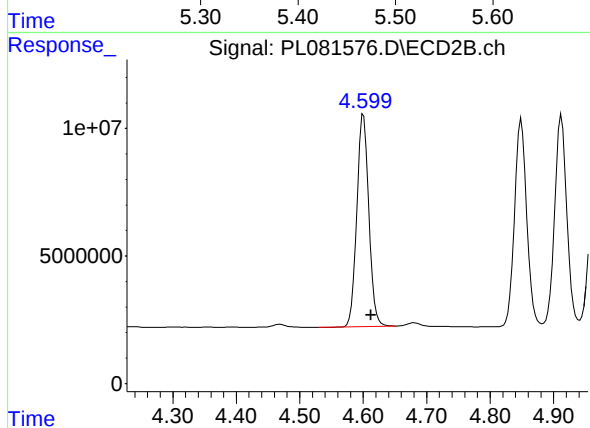
#7 delta-BHC

R.T.: 4.014 min
Delta R.T.: -0.010 min
Response: 115974835
Conc: 45.54 ng/ml



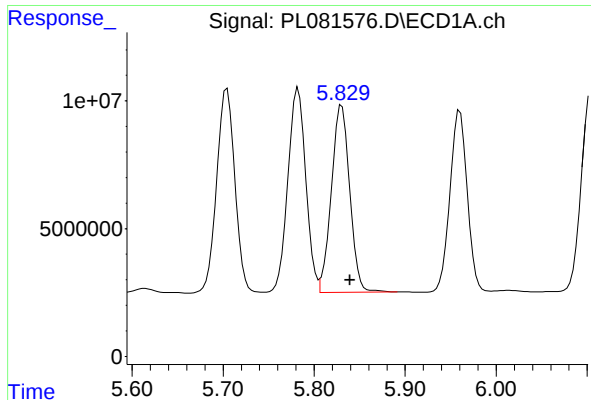
#8 Heptachlor epoxide

R.T.: 5.450 min
Delta R.T.: -0.009 min
Response: 113626794
Conc: 48.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.600 min
Delta R.T.: -0.012 min
Response: 109395175
Conc: 45.24 ng/ml



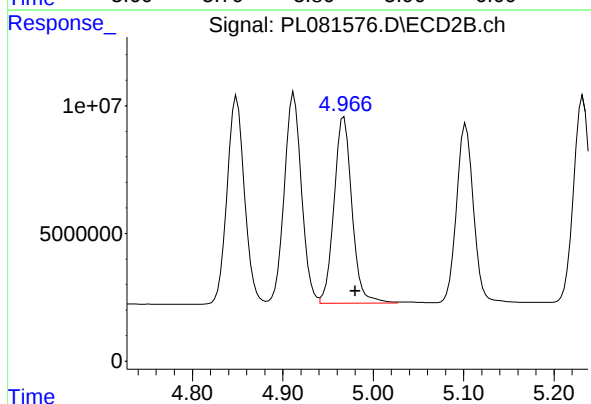
#9 Endosulfan I

R.T.: 5.830 min
Delta R.T.: -0.009 min
Response: 102798681
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

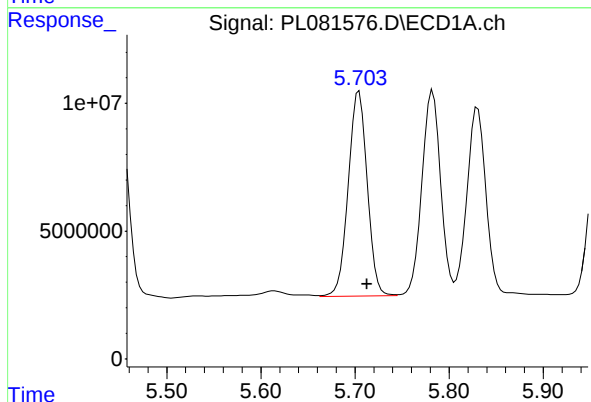
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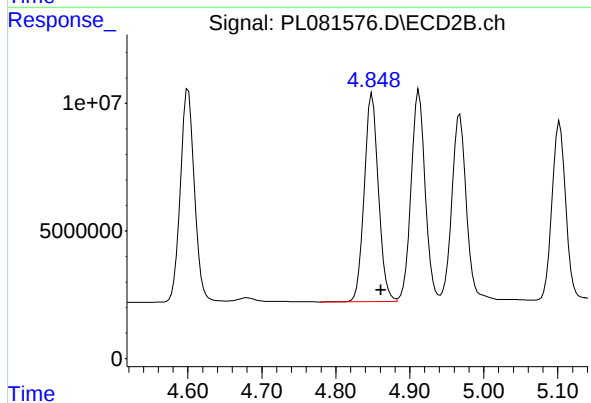
#9 Endosulfan I

R.T.: 4.968 min
Delta R.T.: -0.013 min
Response: 100591206
Conc: 44.44 ng/ml



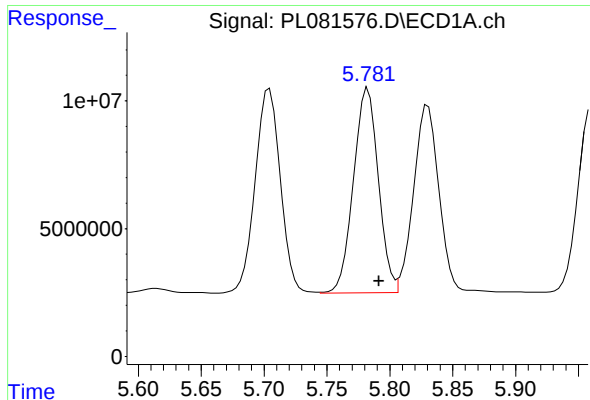
#10 gamma-Chlordane

R.T.: 5.704 min
Delta R.T.: -0.009 min
Response: 112385567
Conc: 49.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.849 min
Delta R.T.: -0.012 min
Response: 108490803
Conc: 44.32 ng/ml



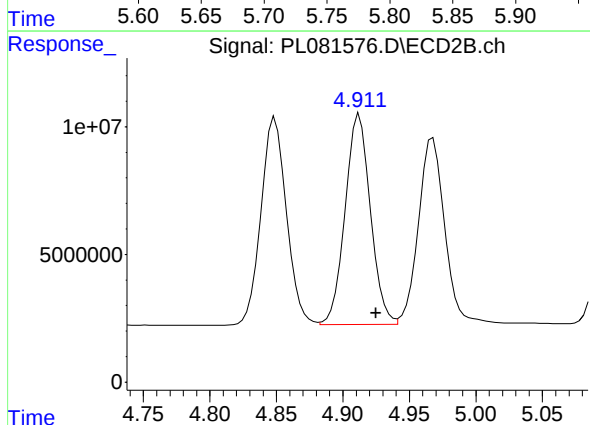
#11 alpha-Chlordane

R.T.: 5.783 min
Delta R.T.: -0.009 min
Response: 110508178
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

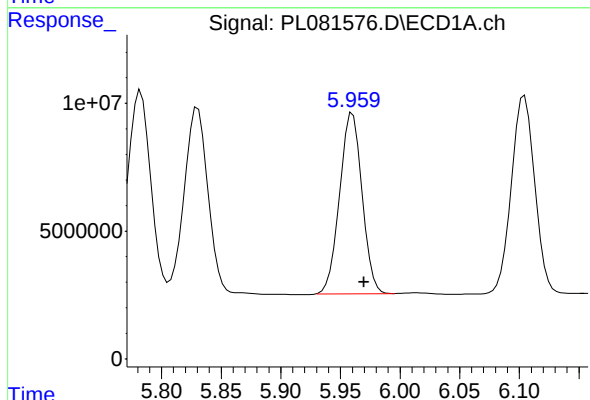
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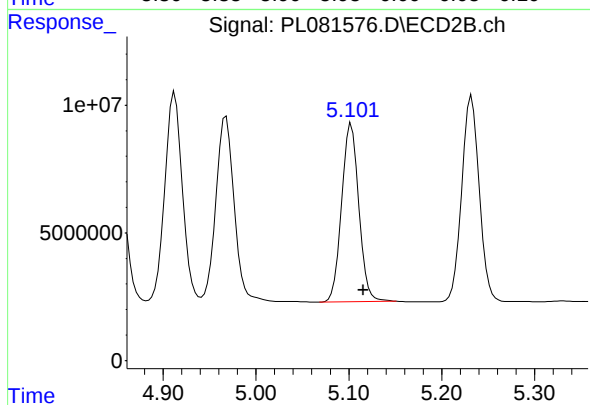
#11 alpha-Chlordane

R.T.: 4.912 min
Delta R.T.: -0.012 min
Response: 109350978
Conc: 44.66 ng/ml



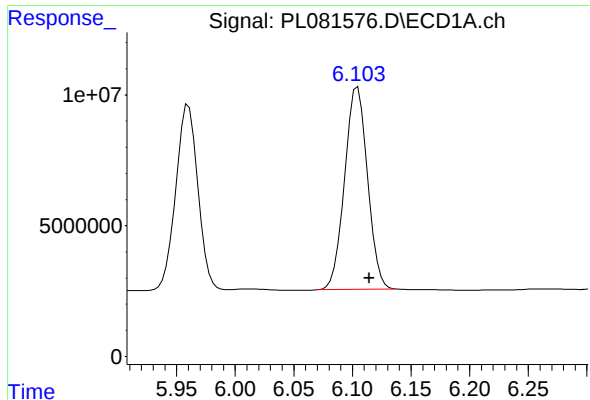
#12 4,4'-DDE

R.T.: 5.960 min
Delta R.T.: -0.009 min
Response: 92569553
Conc: 47.31 ng/ml



#12 4,4'-DDE

R.T.: 5.101 min
Delta R.T.: -0.014 min
Response: 89945320
Conc: 45.82 ng/ml m



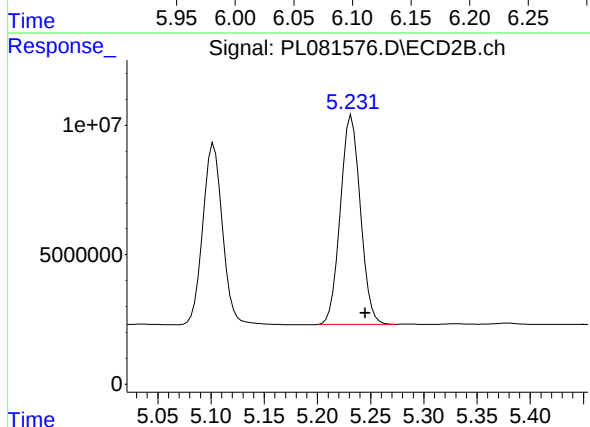
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.011 min
Response: 105061799
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
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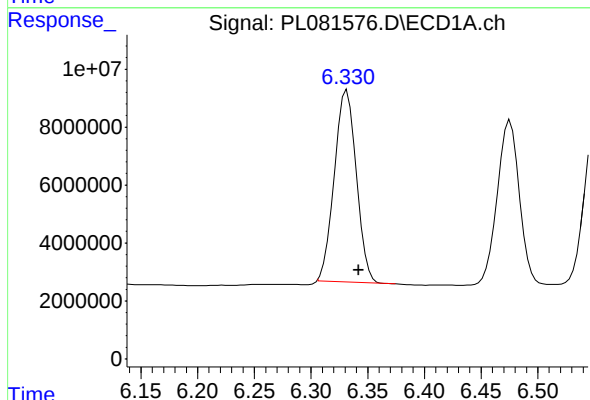
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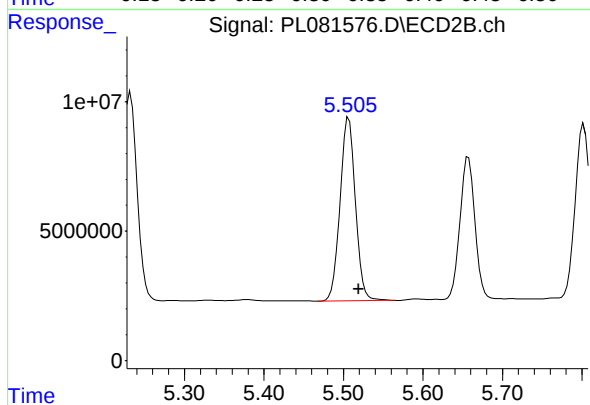
#13 Dieldrin

R.T.: 5.232 min
Delta R.T.: -0.013 min
Response: 105627338
Conc: 46.85 ng/ml



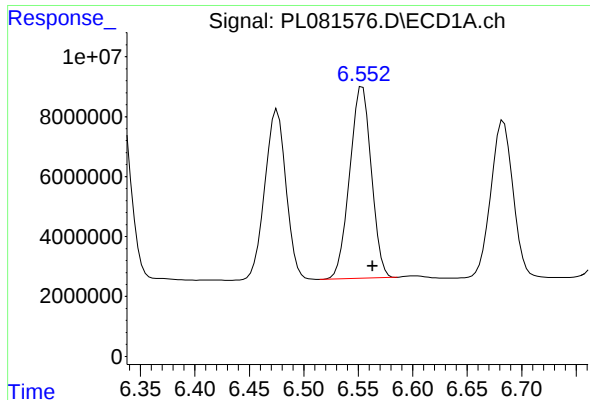
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.010 min
Response: 88891831
Conc: 48.91 ng/ml



#14 Endrin

R.T.: 5.505 min
Delta R.T.: -0.014 min
Response: 94983949
Conc: 47.26 ng/ml m



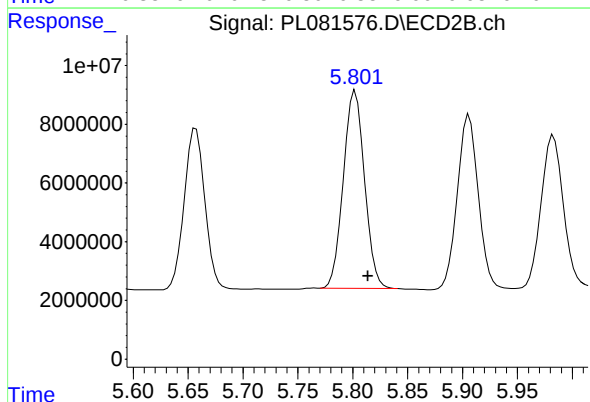
#15 Endosulfan II

R.T.: 6.554 min
Delta R.T.: -0.009 min
Response: 88250100
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

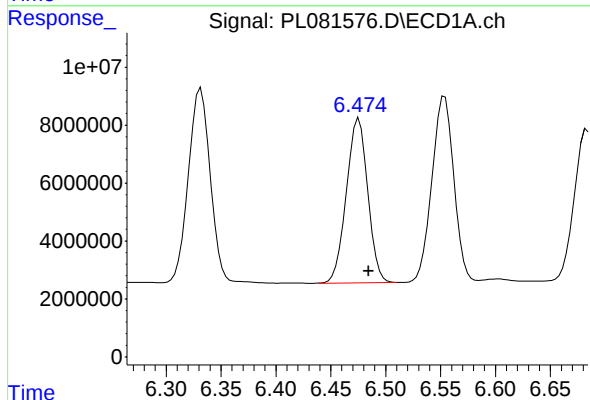
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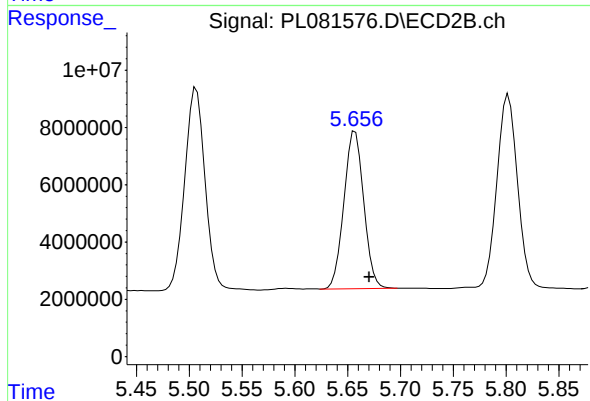
#15 Endosulfan II

R.T.: 5.801 min
Delta R.T.: -0.013 min
Response: 90528037
Conc: 49.10 ng/ml m



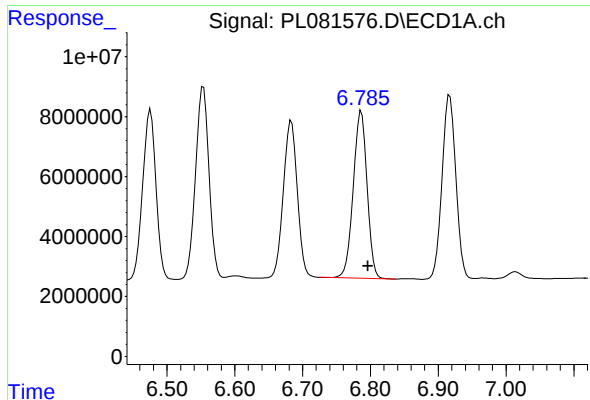
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.010 min
Response: 77003312
Conc: 50.02 ng/ml m



#16 4,4'-DDD

R.T.: 5.656 min
Delta R.T.: -0.015 min
Response: 71826064
Conc: 46.82 ng/ml m



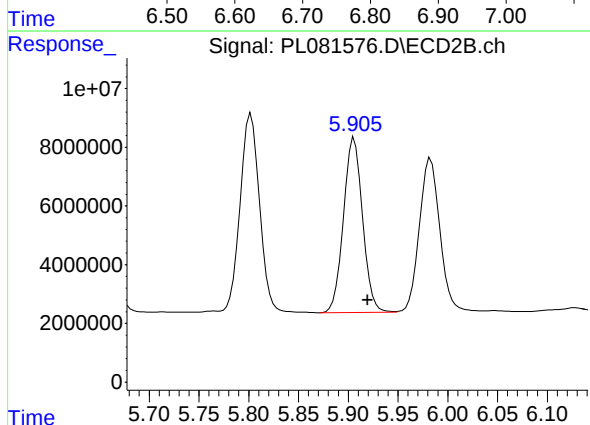
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.010 min
Response: 78412710
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

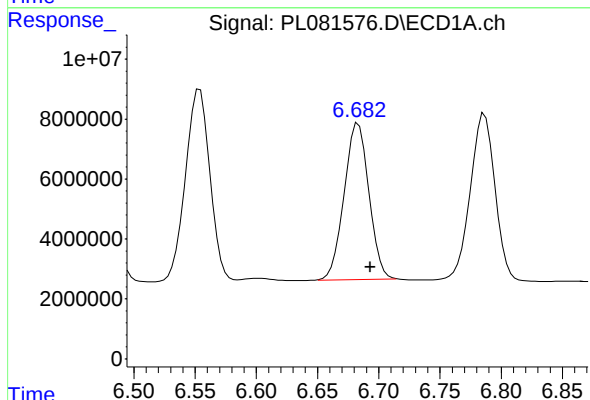
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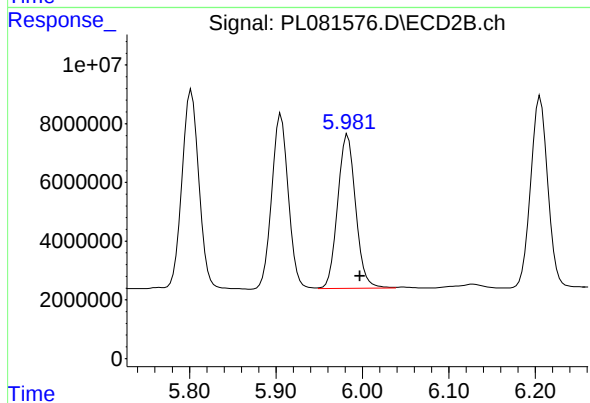
#17 4,4'-DDT

R.T.: 5.906 min
Delta R.T.: -0.014 min
Response: 79508346
Conc: 49.56 ng/ml



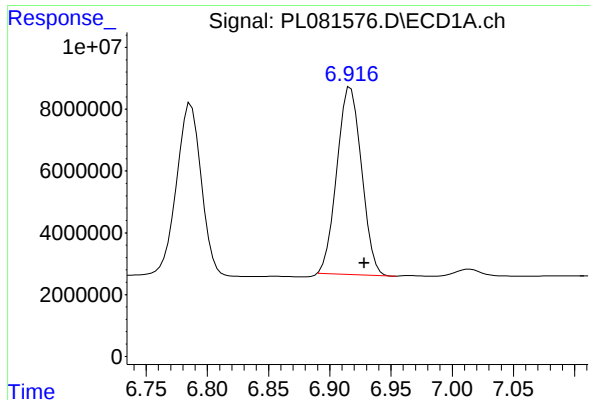
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 73623054
Conc: 51.44 ng/ml m



#18 Endrin aldehyde

R.T.: 5.983 min
Delta R.T.: -0.015 min
Response: 74890220
Conc: 49.43 ng/ml



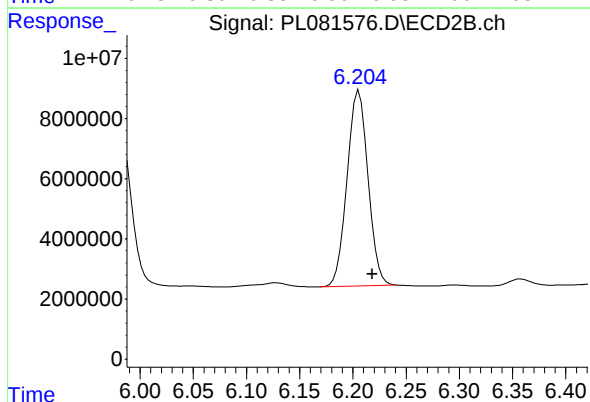
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.011 min
Response: 84882993
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

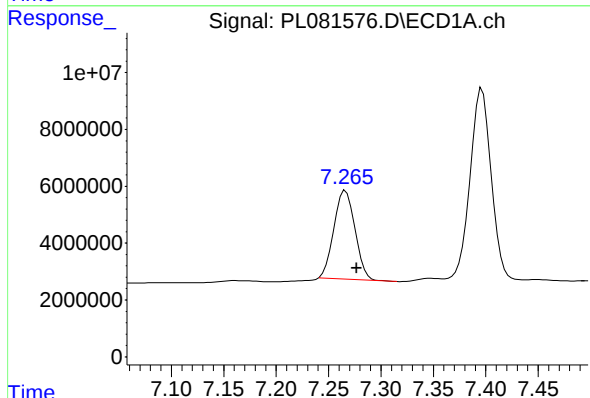
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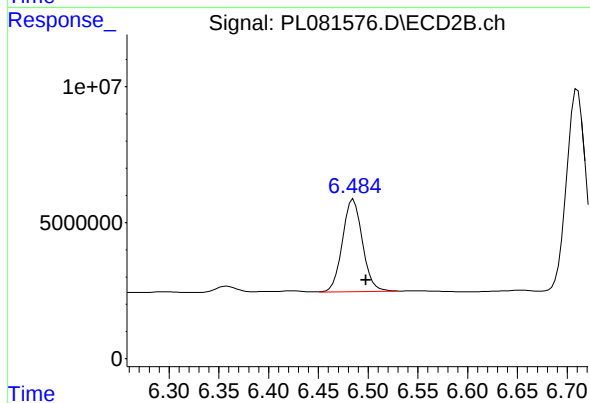
#19 Endosulfan Sulfate

R.T.: 6.204 min
Delta R.T.: -0.014 min
Response: 88686337
Conc: 46.14 ng/ml m



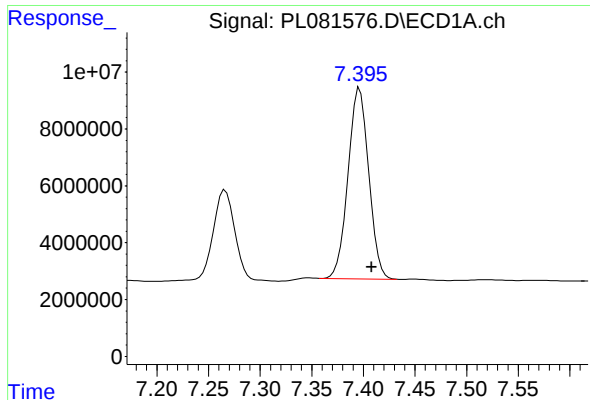
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: -0.011 min
Response: 43499943
Conc: 50.50 ng/ml



#20 Methoxychlor

R.T.: 6.484 min
Delta R.T.: -0.014 min
Response: 47795267
Conc: 51.50 ng/ml m



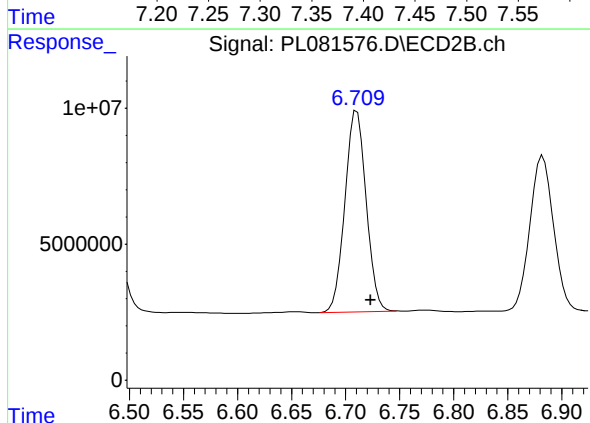
#21 Endrin ketone

R.T.: 7.395 min
Delta R.T.: -0.013 min
Response: 93820941
Conc: 51.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

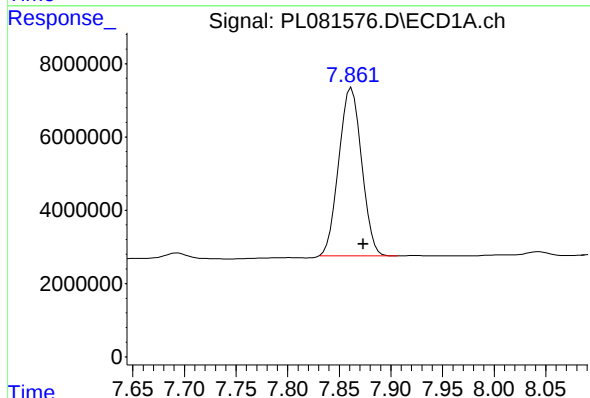
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2023
Supervised By :Ankita Jodhani 03/21/2023



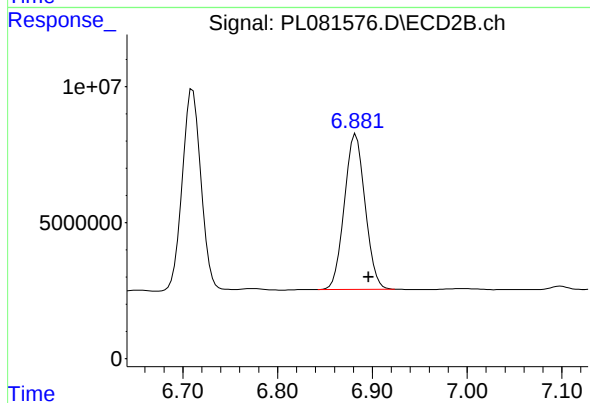
#21 Endrin ketone

R.T.: 6.709 min
Delta R.T.: -0.014 min
Response: 101444615
Conc: 47.12 ng/ml m



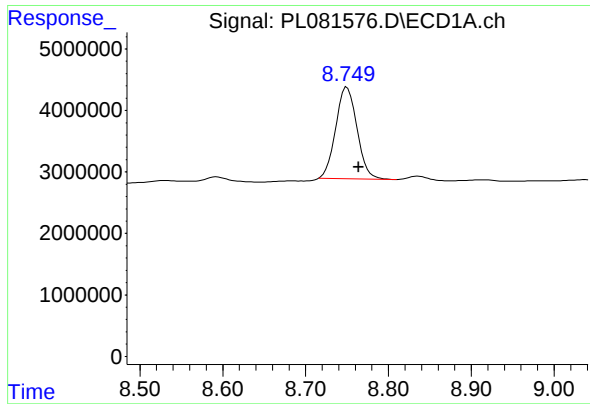
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.011 min
Response: 70784512
Conc: 48.51 ng/ml



#22 Mirex

R.T.: 6.881 min
Delta R.T.: -0.015 min
Response: 87014315
Conc: 45.21 ng/ml m



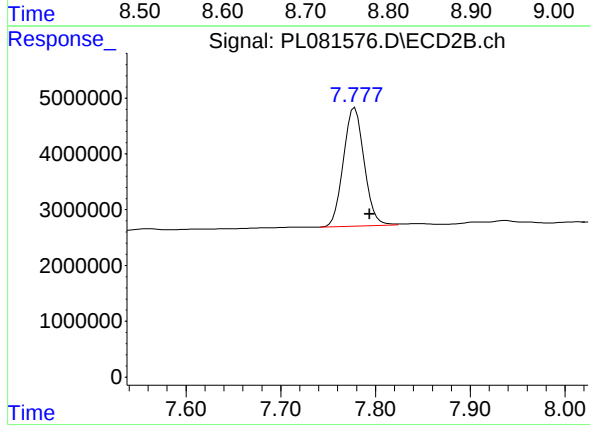
#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.014 min
Response: 26739858
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
031023-3MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/21/2023



#28 Decachlorobiphenyl

R.T.: 7.778 min
Delta R.T.: -0.016 min
Response: 32338248
Conc: 16.88 ng/ml