

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082664.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 18:23
 Operator : AR\AJ
 Sample : 02643-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FSND-IDW-S-05042023MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2023
 Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:39:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.641	48838460	41655490	18.283	17.980
28)	SA Decachlor...	8.735	7.749	39303021	44039223	20.587	19.294
Target Compounds							
2)	A alpha-BHC	3.768	3.138	195.7E6	175.4E6	49.162	51.539
3)	MA gamma-BHC...	4.096	3.464	191.9E6	170.3E6	51.316	52.976m
4)	MA Heptachlor	4.674	3.796	173.9E6	160.7E6	47.594	46.951
5)	MB Aldrin	5.010	4.071	171.0E6	159.7E6	51.844	50.686m
6)	B beta-BHC	4.299	3.764	82769532	66626809	48.531	48.832m
7)	B delta-BHC	4.540	3.991	146.5E6	129.0E6	40.709	42.055
8)	B Heptachlo...	5.437	4.574	160.8E6	149.5E6	52.705	51.879
9)	A Endosulfan I	5.817	4.941	146.6E6	138.3E6	52.855	51.794
10)	B gamma-Chl...	5.690	4.823	155.9E6	150.0E6	51.837m	51.675
11)	B alpha-Chl...	5.769	4.885	157.9E6	150.4E6	52.911	51.803
12)	B 4,4'-DDE	5.948	5.075	136.4E6	127.9E6	53.667	55.625m
13)	MA Dieldrin	6.091	5.203	150.7E6	147.7E6	54.611	54.682m
14)	MA Endrin	6.319	5.478	120.1E6	123.0E6	49.515	50.282m
15)	B Endosulfa...	6.541	5.776	128.8E6	128.2E6	52.922	56.880
16)	A 4,4'-DDD	6.463	5.630	119.0E6	110.3E6	58.714	58.982
17)	MA 4,4'-DDT	6.775	5.879	106.9E6	101.9E6	46.724	48.216
18)	B Endrin al...	6.671	5.956	109.0E6	107.0E6	57.826	57.187
19)	B Endosulfa...	6.906	6.179	121.7E6	119.2E6	51.301	50.643
20)	A Methoxychlor	7.255	6.456	57840530	58501994	47.397	48.276m
21)	B Endrin ke...	7.385	6.681	138.7E6	148.8E6	57.944	58.628m
22)	Mirex	7.849	6.852	100.6E6	114.5E6	51.419	49.682m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082664.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 18:23
Operator : AR\AJ
Sample : 02643-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

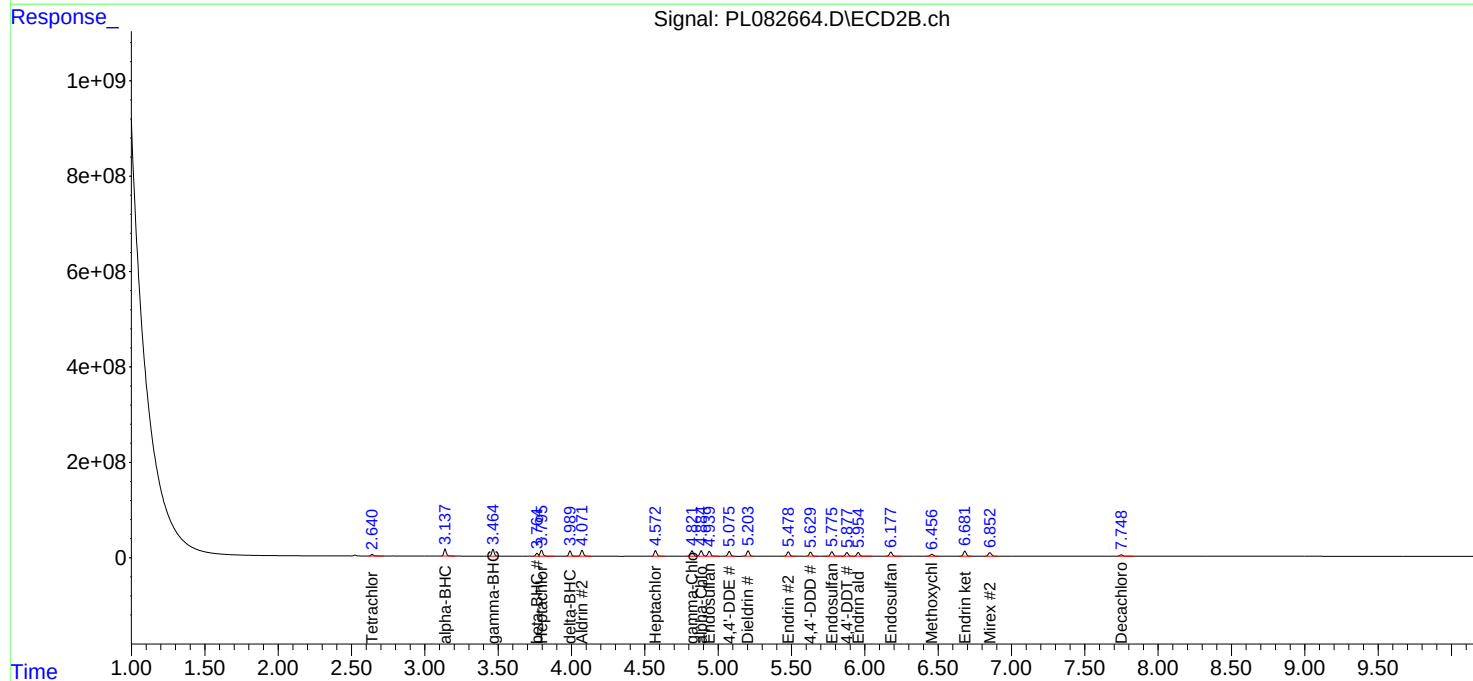
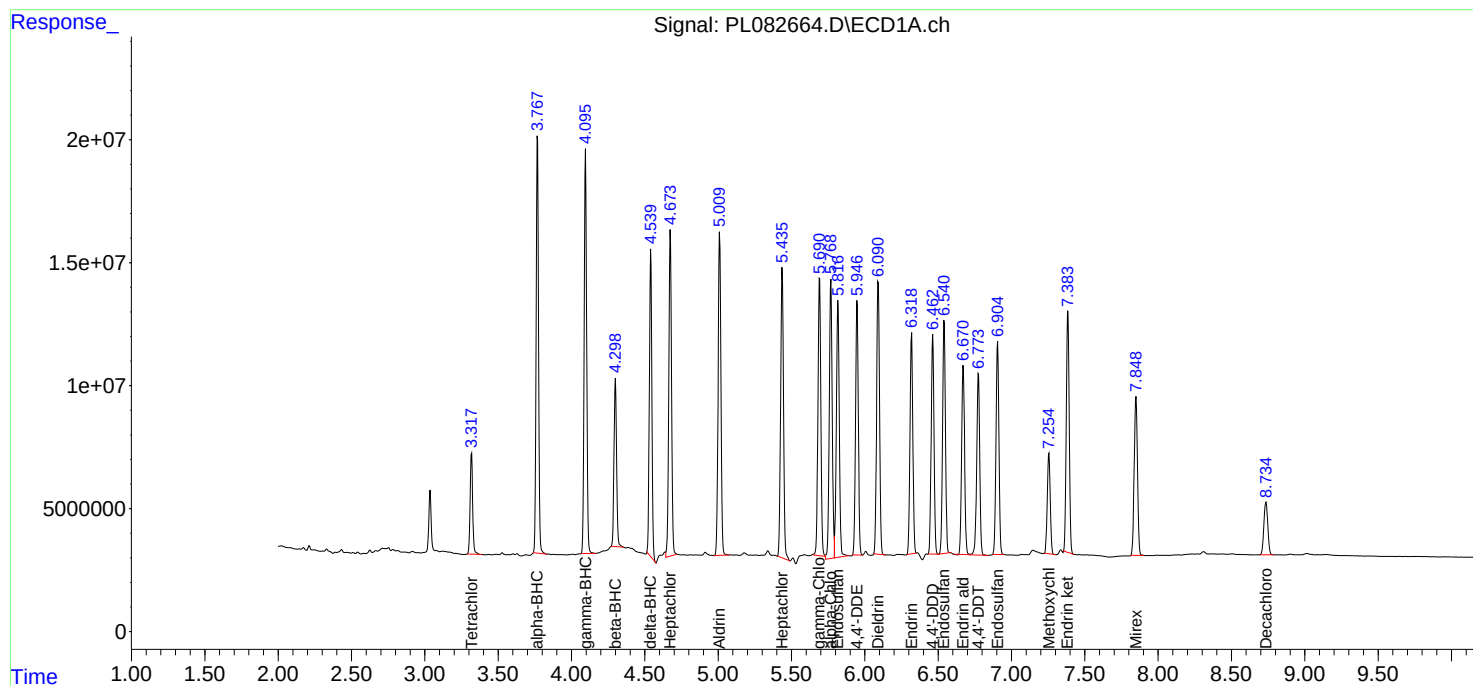
Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

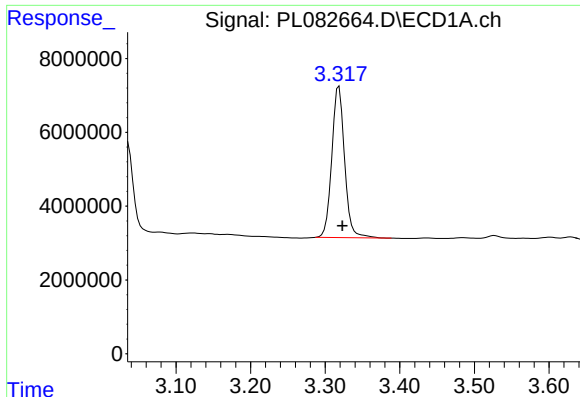
Manual Integrations
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Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:39:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





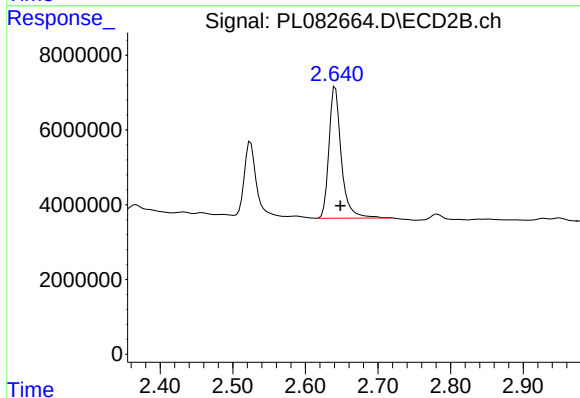
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 48838460
Conc: 18.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

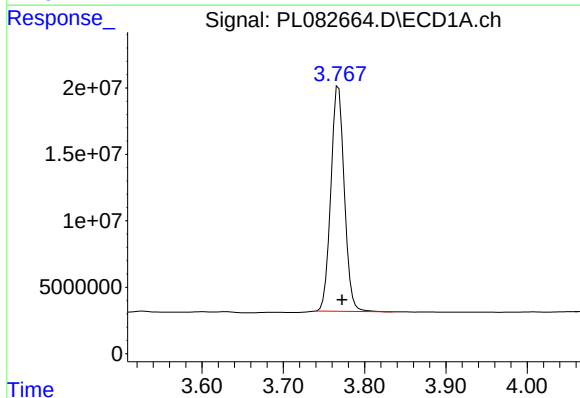
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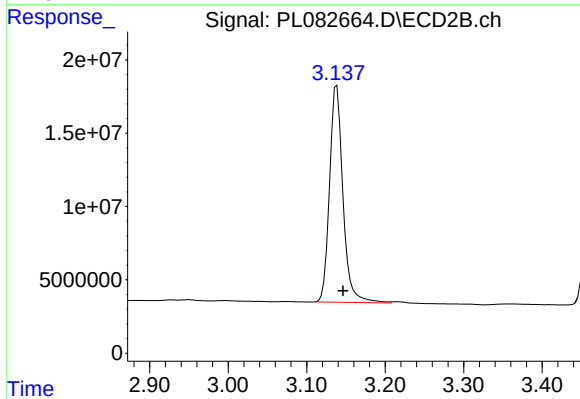
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 41655490
Conc: 17.98 ng/ml



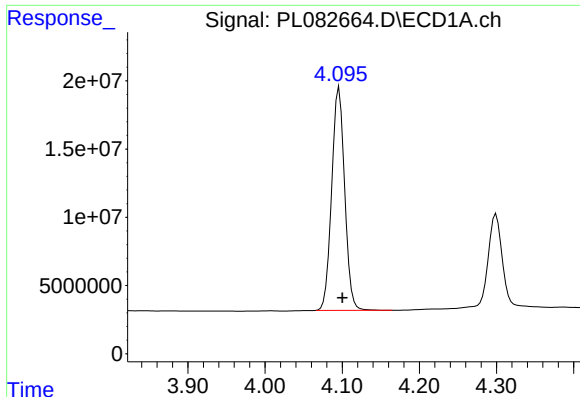
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 195678835
Conc: 49.16 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 175413101
Conc: 51.54 ng/ml



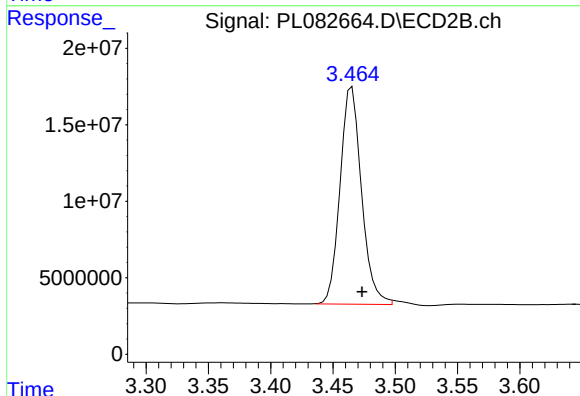
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 191865913
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

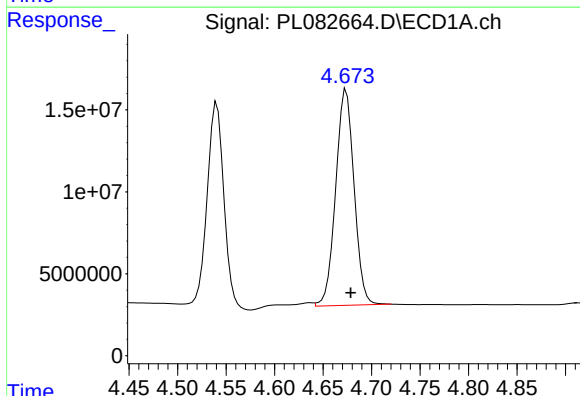
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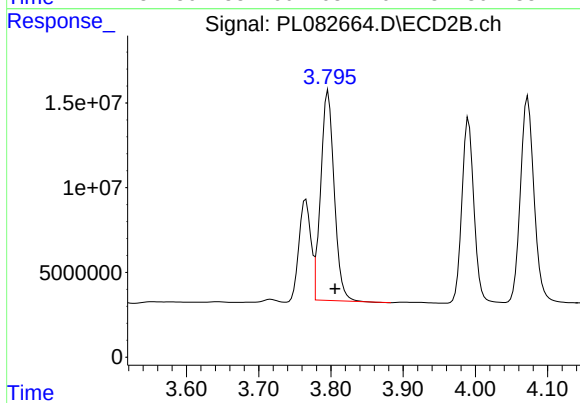
#3 gamma-BHC (Lindane)

R.T.: 3.464 min
Delta R.T.: -0.010 min
Response: 170333416
Conc: 52.98 ng/ml m



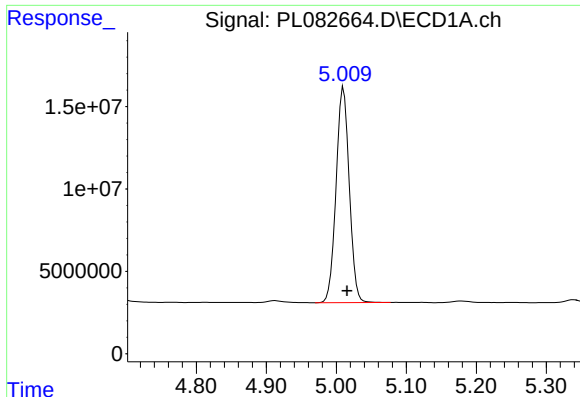
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 173905938
Conc: 47.59 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 160725814
Conc: 46.95 ng/ml



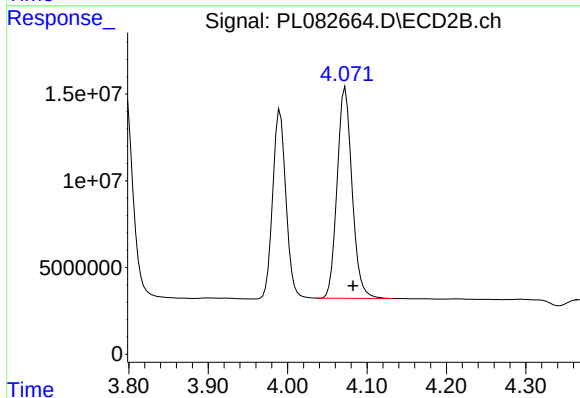
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 170958981
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

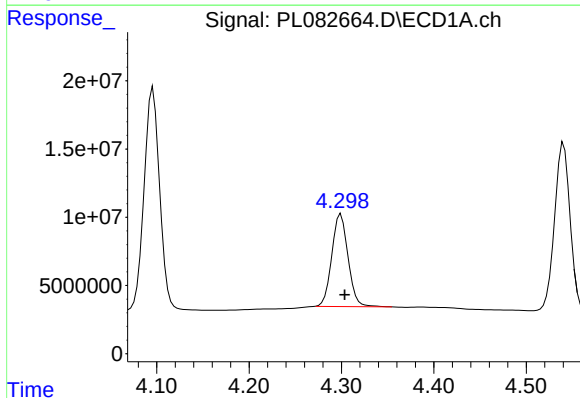
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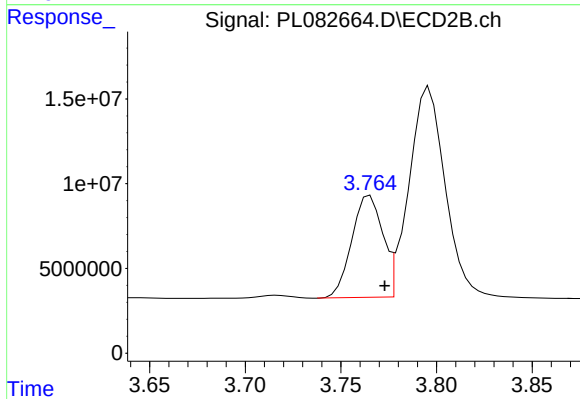
#5 Aldrin

R.T.: 4.071 min
Delta R.T.: -0.011 min
Response: 159654251
Conc: 50.69 ng/ml m



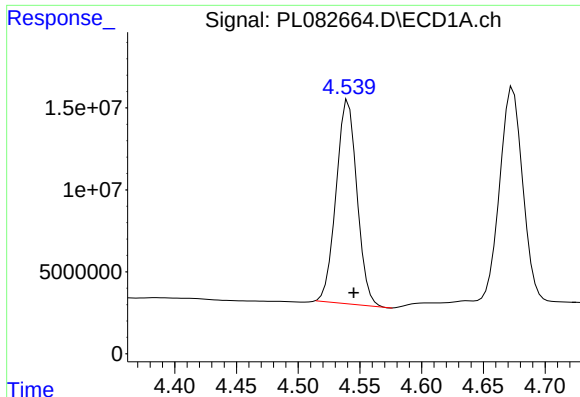
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.004 min
Response: 82769532
Conc: 48.53 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 66626809
Conc: 48.83 ng/ml m



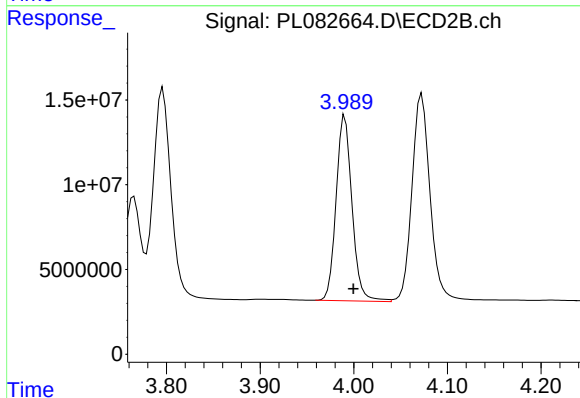
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 146461104
Conc: 40.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

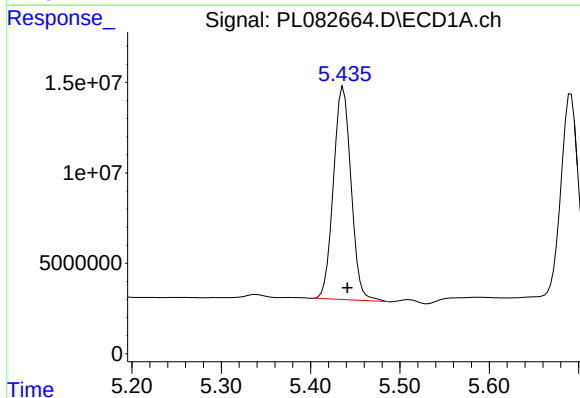
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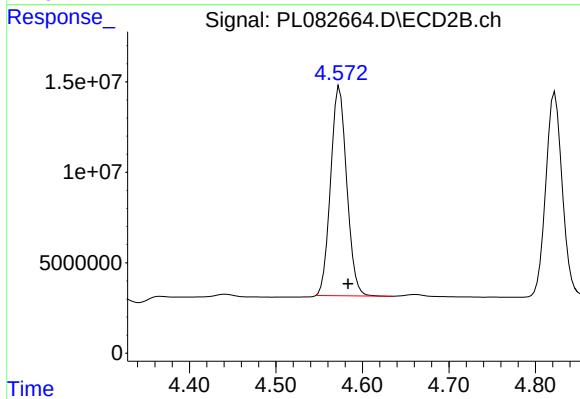
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 128999230
Conc: 42.05 ng/ml



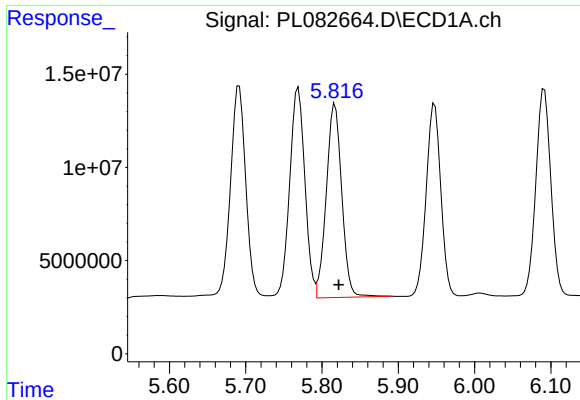
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 160768544
Conc: 52.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 149457017
Conc: 51.88 ng/ml



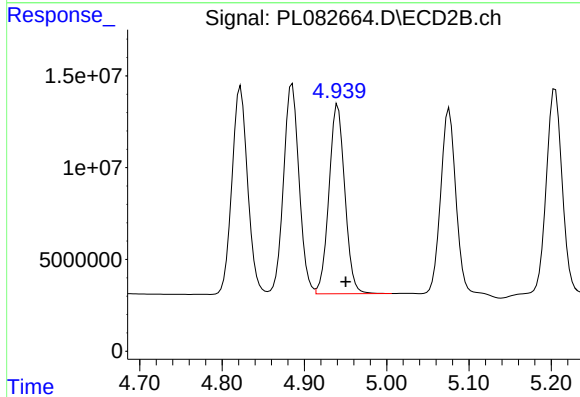
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 146551903
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

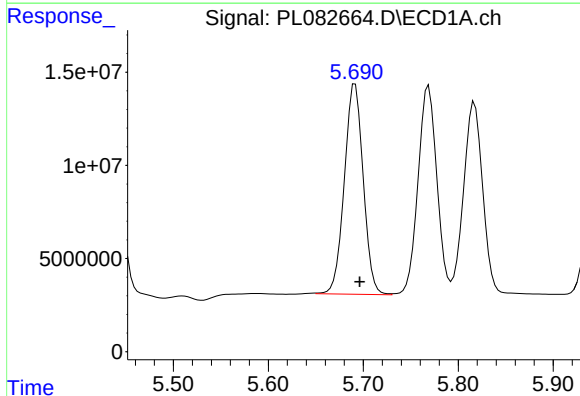
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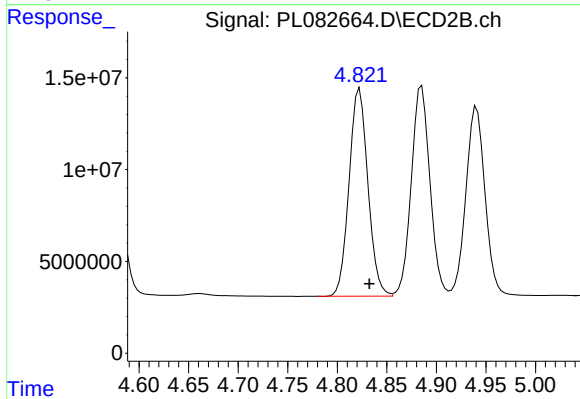
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 138260173
Conc: 51.79 ng/ml



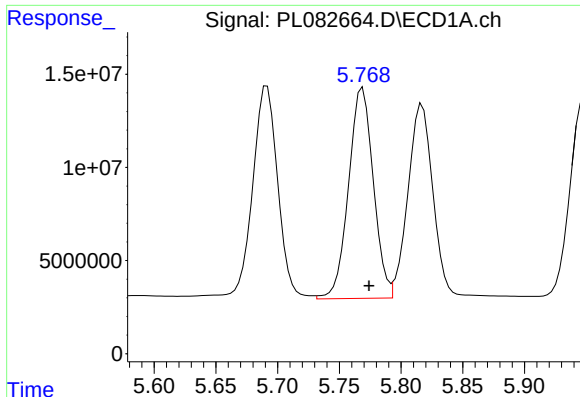
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 155867702
Conc: 51.84 ng/ml m



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 149953742
Conc: 51.68 ng/ml



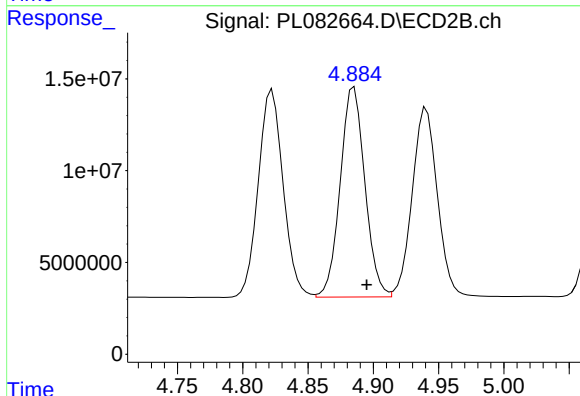
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 157917232
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

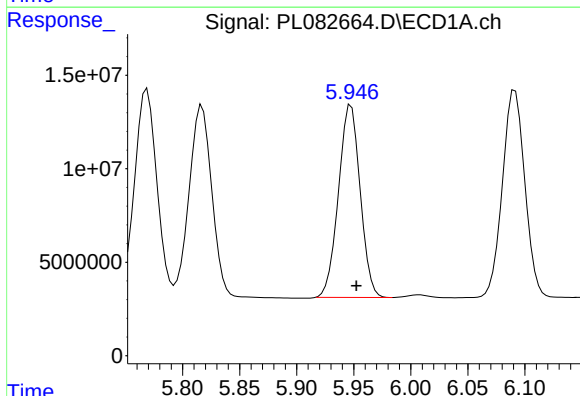
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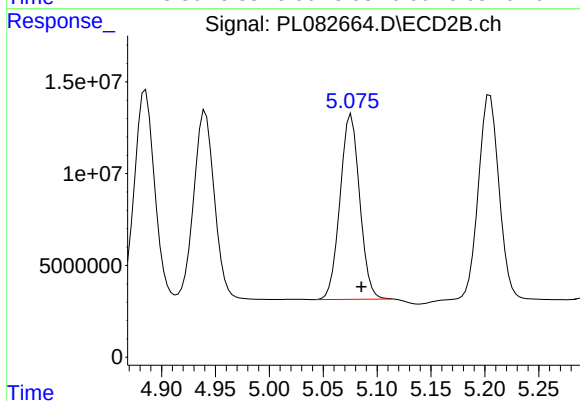
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 150376093
Conc: 51.80 ng/ml



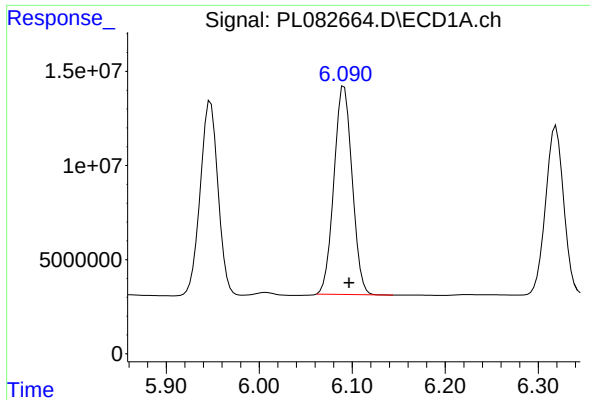
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 136424042
Conc: 53.67 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 127879314
Conc: 55.62 ng/ml m



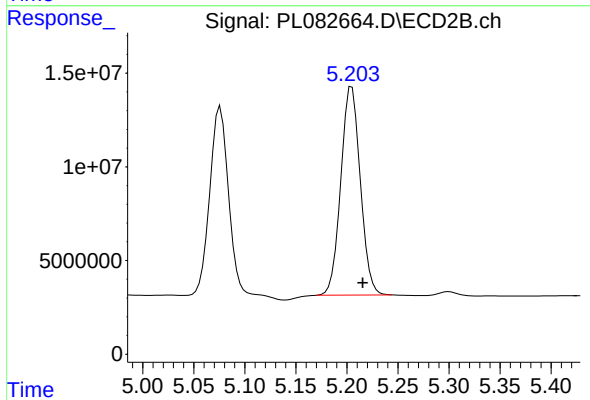
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.005 min
Response: 150677701
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
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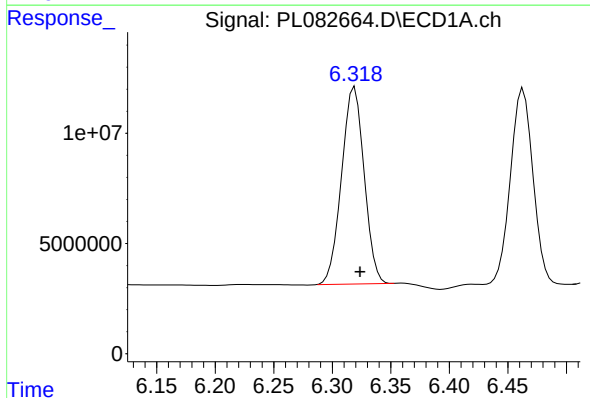
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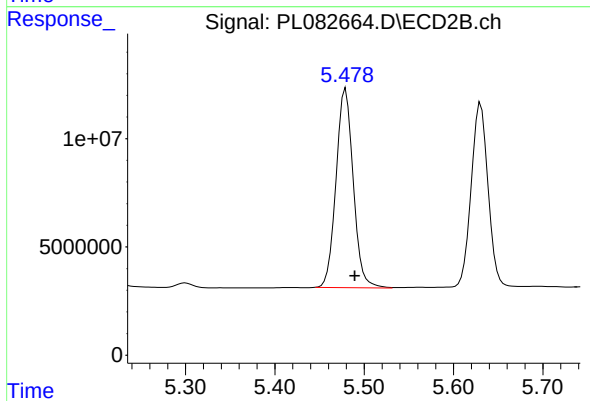
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 147663261
Conc: 54.68 ng/ml m



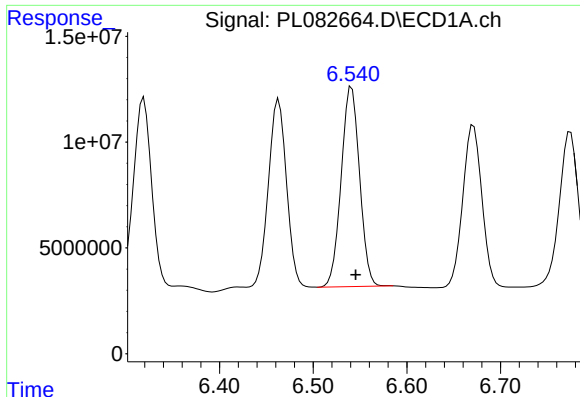
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 120051004
Conc: 49.51 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 122988189
Conc: 50.28 ng/ml m



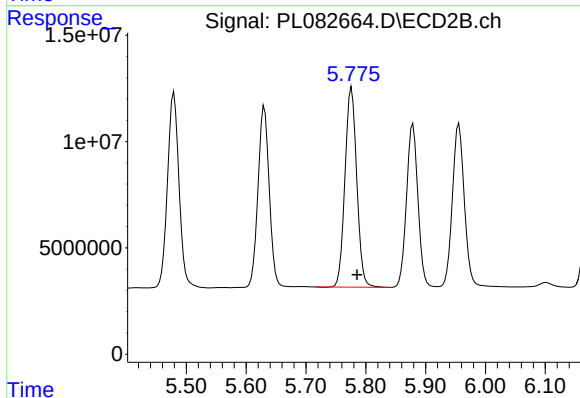
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 128842329
Conc: 52.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

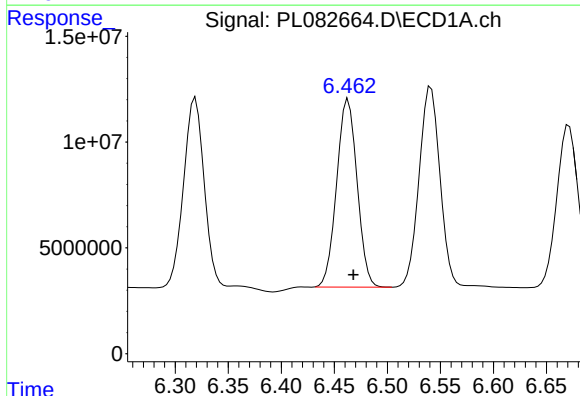
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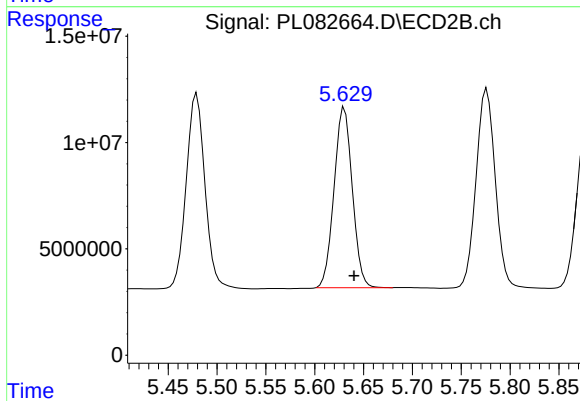
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.009 min
Response: 128214234
Conc: 56.88 ng/ml



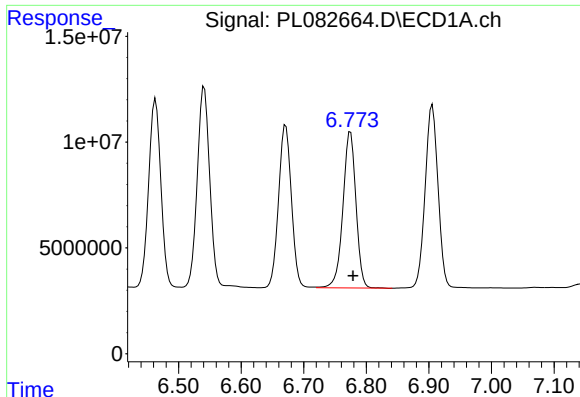
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 119025560
Conc: 58.71 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 110320760
Conc: 58.98 ng/ml



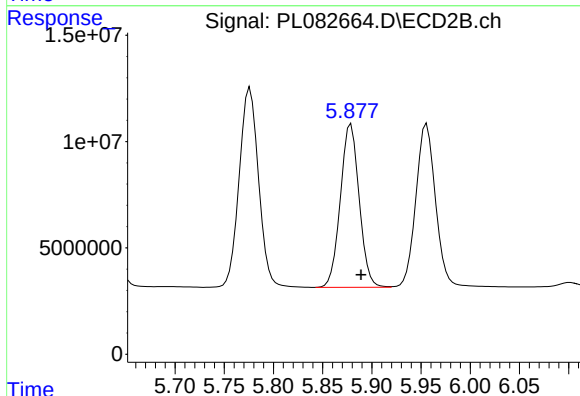
#17 4,4'-DDT

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 106891311
Conc: 46.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

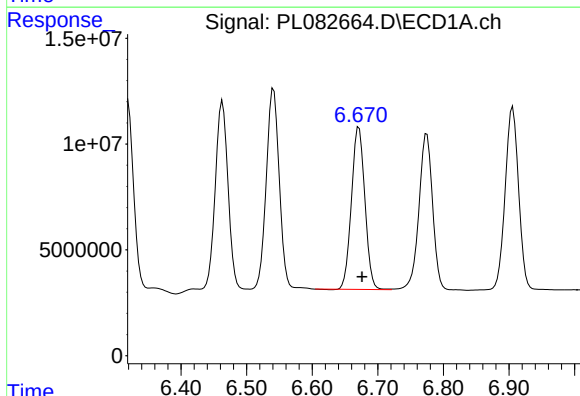
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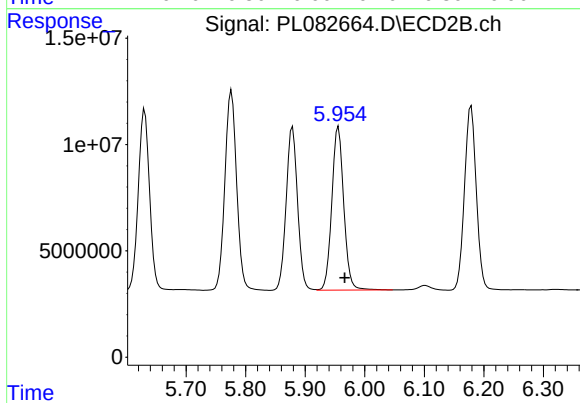
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 101860239
Conc: 48.22 ng/ml



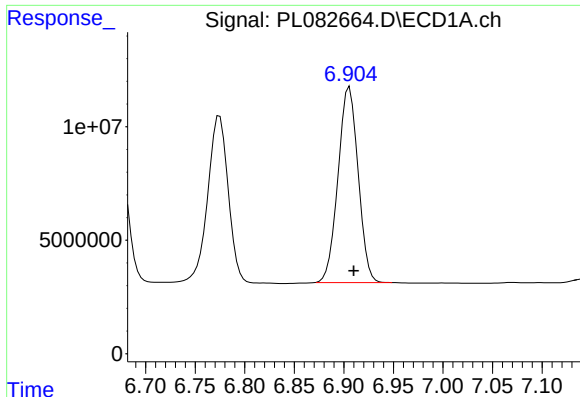
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 108953524
Conc: 57.83 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.011 min
Response: 107017790
Conc: 57.19 ng/ml



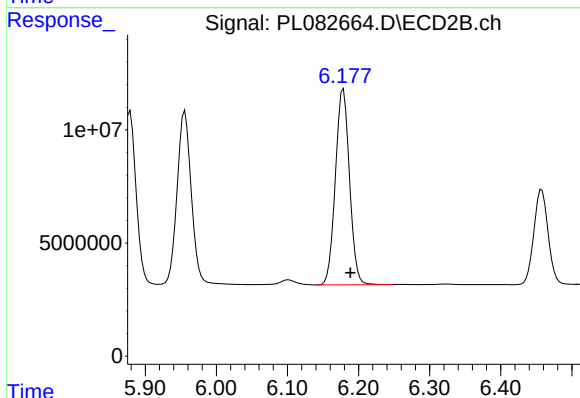
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.005 min
Response: 121662356
Conc: 51.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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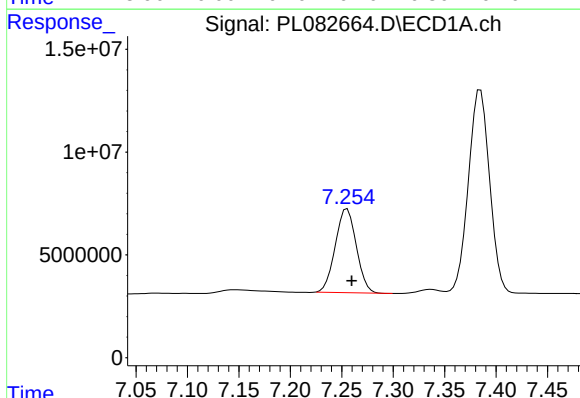
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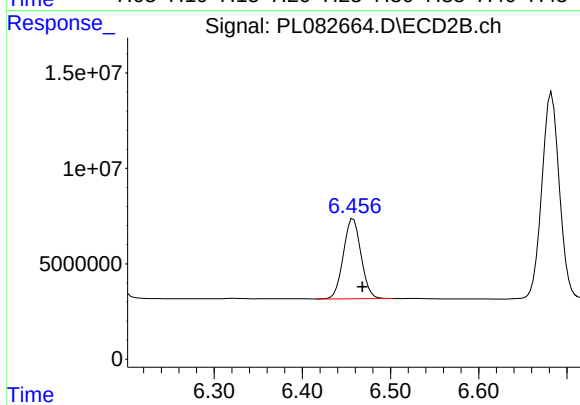
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 119226730
Conc: 50.64 ng/ml



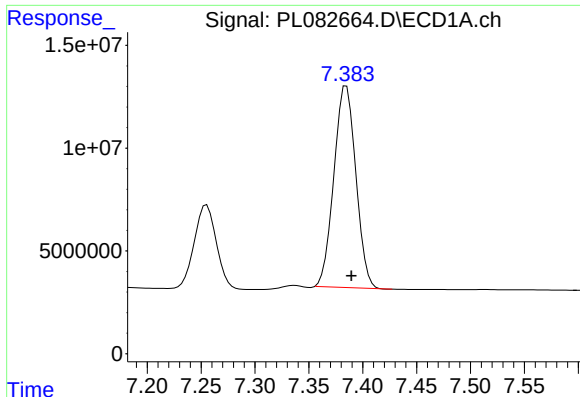
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.004 min
Response: 57840530
Conc: 47.40 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 58501994
Conc: 48.28 ng/ml m



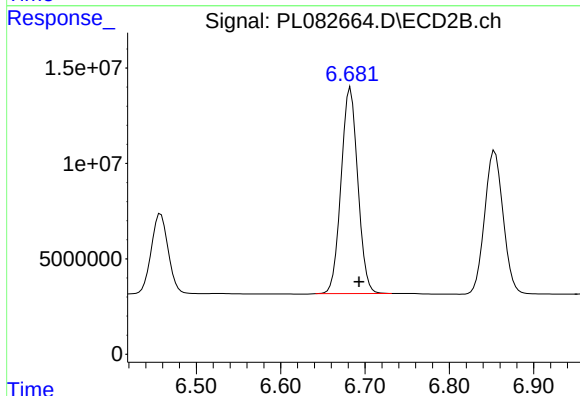
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.005 min
Response: 138741577
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

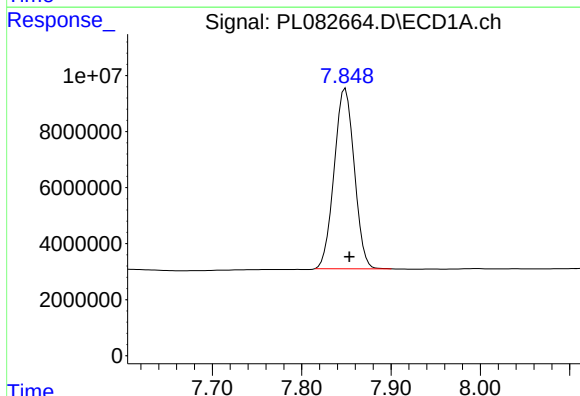
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



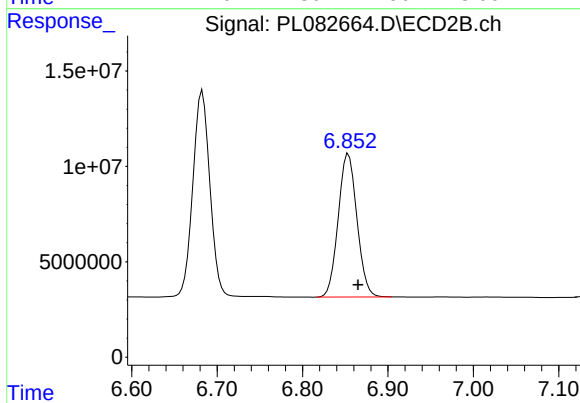
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.011 min
Response: 148807371
Conc: 58.63 ng/ml m



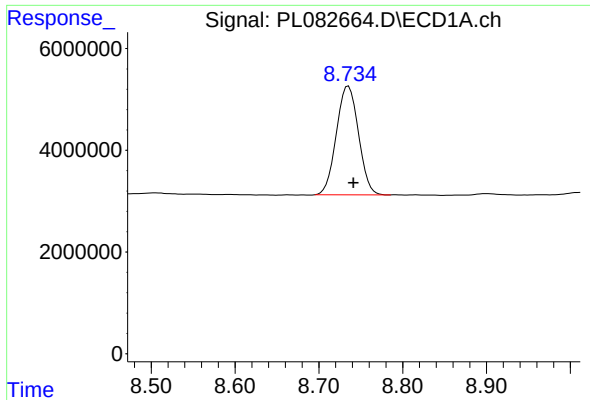
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 100592954
Conc: 51.42 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 114480176
Conc: 49.68 ng/ml m



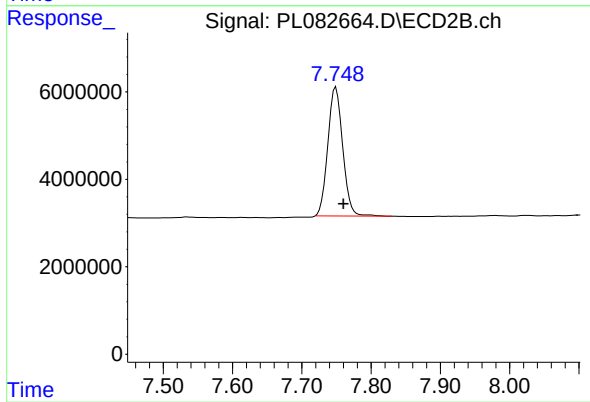
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 39303021
Conc: 20.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.749 min
Delta R.T.: -0.011 min
Response: 44039223
Conc: 19.29 ng/ml