

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 20:01
 Operator : AR\AJ
 Sample : 02643-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/11/2023
 Supervised By : Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:31:35 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	2.642	50042772	41021913	18.734	17.707
28)	SA Decachlor...	8.736	7.750	37720992	43115080	19.759	18.889
Target Compounds							
2)	A alpha-BHC	3.769	3.139	202.2E6	173.9E6	50.796	51.081
3)	MA gamma-BHC...	4.097	3.466	199.4E6	173.2E6	53.333	53.878
4)	MA Heptachlor	4.674	3.797	185.1E6	164.5E6	50.645	48.058
5)	MB Aldrin	5.011	4.073	172.7E6	167.6E6	52.362	53.194
6)	B beta-BHC	4.300	3.766	85278283	65551940	50.002	48.044
7)	B delta-BHC	4.541	3.991	150.7E6	127.7E6	41.880	41.636
8)	B Heptachlo...	5.437	4.575	163.8E6	151.7E6	53.709	52.654
9)	A Endosulfan I	5.818	4.941	150.1E6	139.7E6	54.122	52.323
10)	B gamma-Chl...	5.691	4.823	170.7E6	150.6E6	56.771	51.905
11)	B alpha-Chl...	5.769	4.886	161.5E6	151.7E6	54.127	52.249
12)	B 4,4'-DDE	5.948	5.075	141.5E6	129.8E6	55.680	56.480m
13)	MA Dieldrin	6.092	5.204	155.1E6	148.6E6	56.225	55.026m
14)	MA Endrin	6.319	5.479	129.4E6	129.5E6	53.384	52.951m
15)	B Endosulfa...	6.542	5.777	130.8E6	129.0E6	53.726	57.232
16)	A 4,4'-DDD	6.464	5.631	116.5E6	108.2E6	57.482	57.856
17)	MA 4,4'-DDT	6.774	5.879	116.4E6	112.6E6	50.871	53.312
18)	B Endrin al...	6.671	5.956	109.4E6	106.4E6	58.050	56.850
19)	B Endosulfa...	6.906	6.179	122.1E6	120.1E6	51.468	51.009
20)	A Methoxychlor	7.256	6.457	64056433	64158238	52.491	52.943m
21)	B Endrin ke...	7.385	6.682	134.7E6	143.3E6	56.273	56.456m
22)	Mirex	7.849	6.853	100.8E6	115.1E6	51.527	49.952m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 20:01
Operator : AR\AJ
Sample : 02643-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

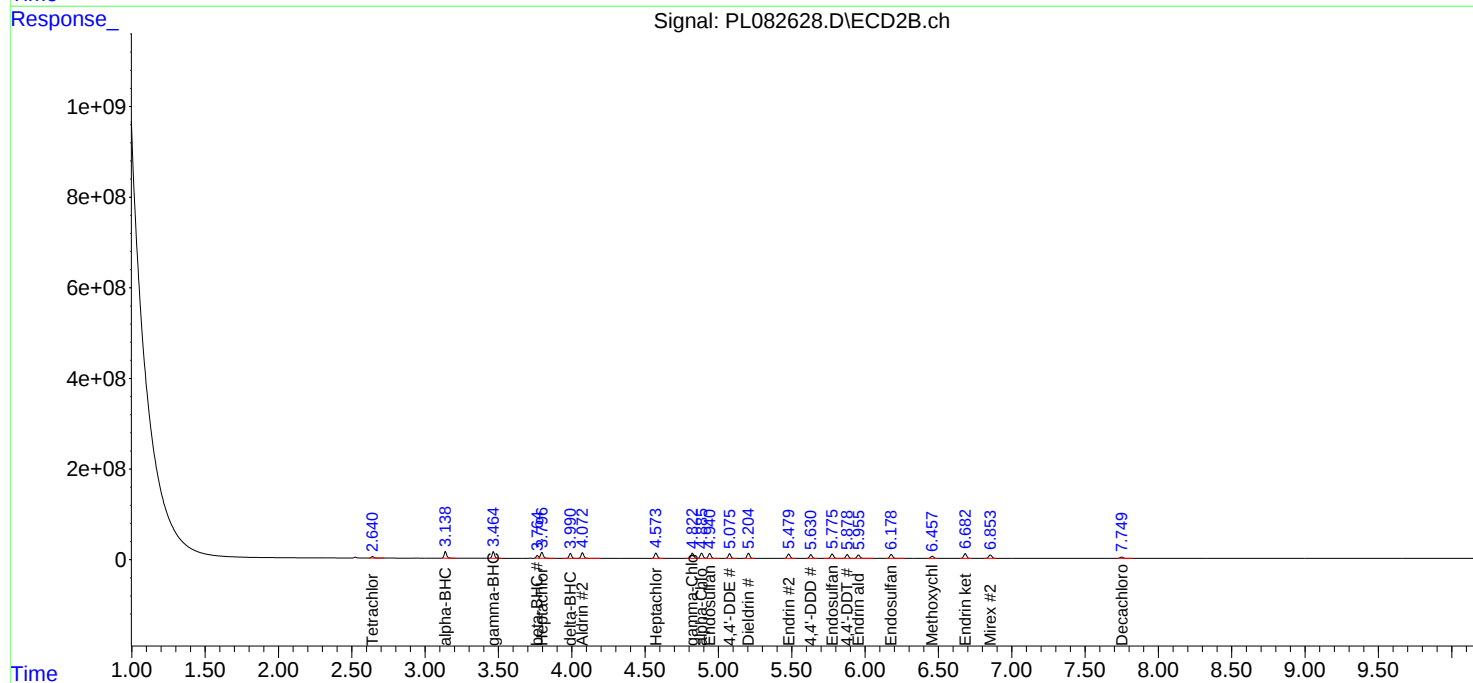
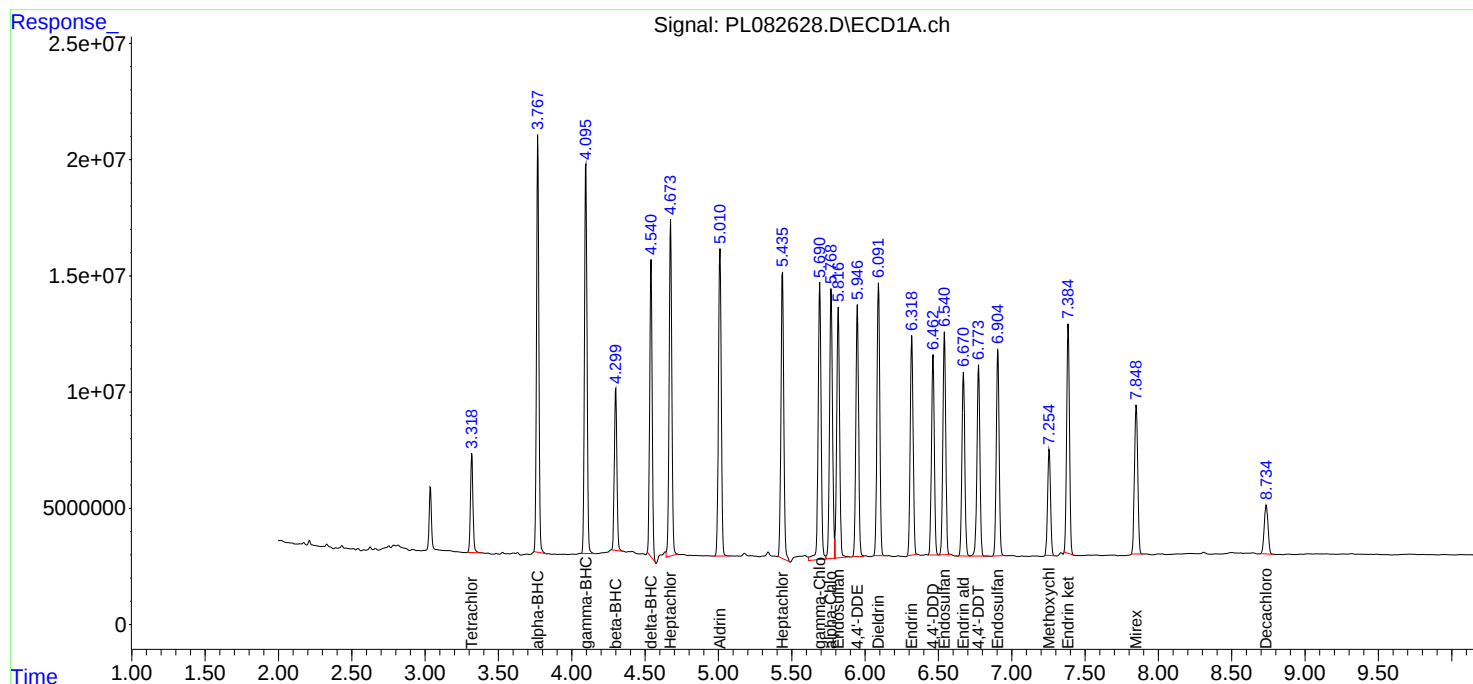
Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MS

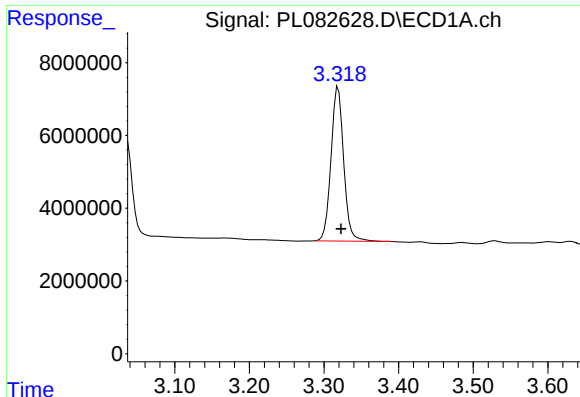
Manual Integrations
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Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:31:35 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
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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





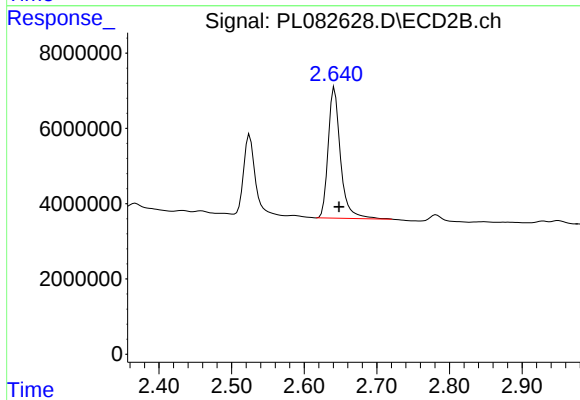
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 50042772
Conc: 18.73 ng/ml

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

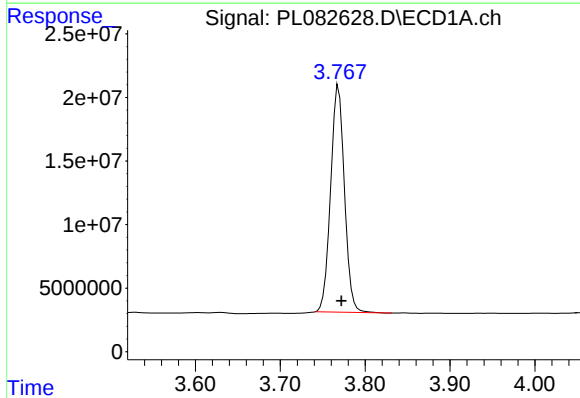
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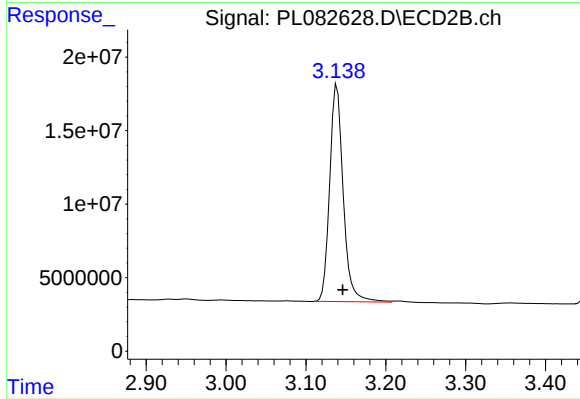
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 41021913
Conc: 17.71 ng/ml



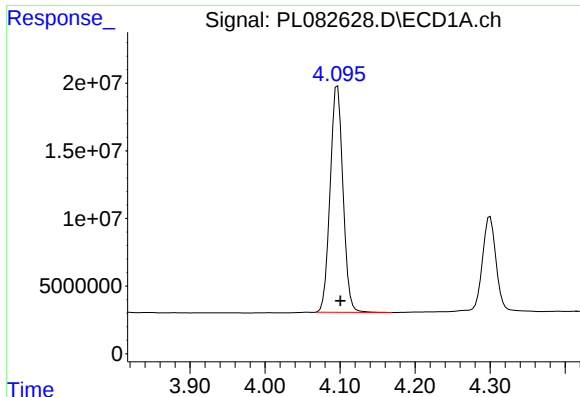
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 202181558
Conc: 50.80 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 173854434
Conc: 51.08 ng/ml



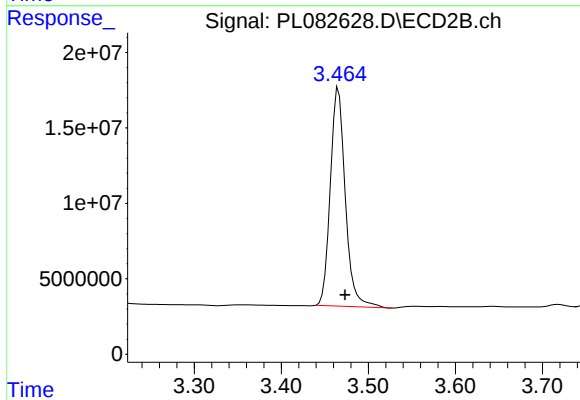
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 199408554
Conc: 53.33 ng/ml

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

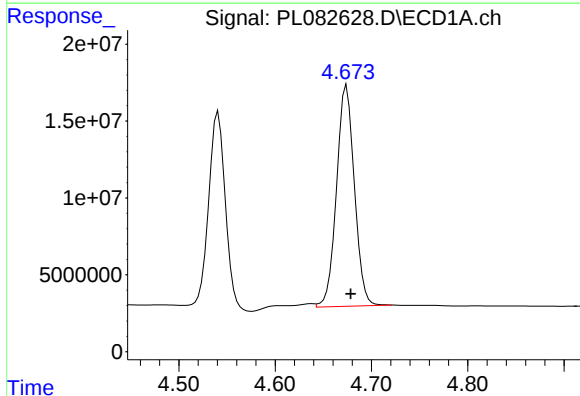
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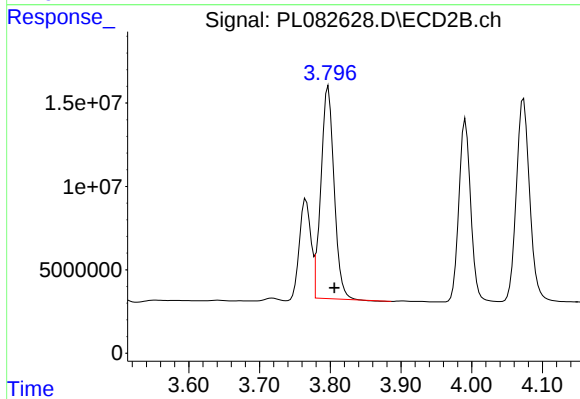
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 173233768
Conc: 53.88 ng/ml



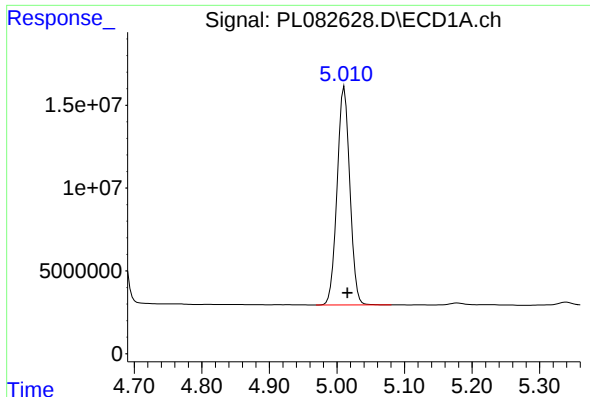
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.004 min
Response: 185053133
Conc: 50.64 ng/ml



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 164515098
Conc: 48.06 ng/ml



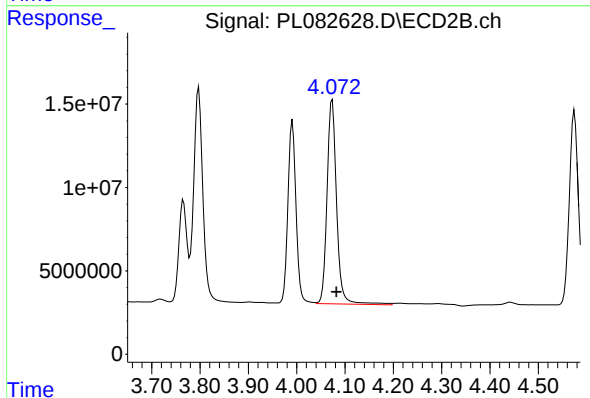
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 172669339
Conc: 52.36 ng/ml

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

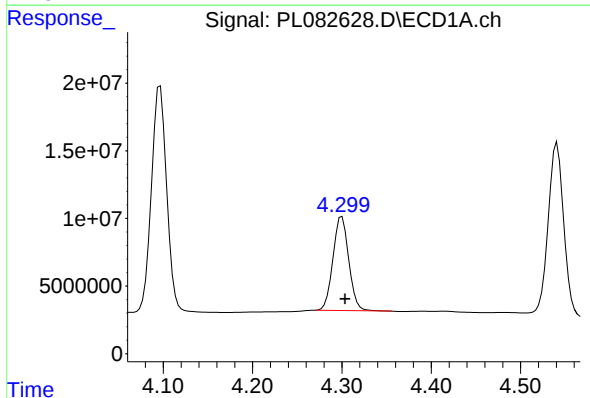
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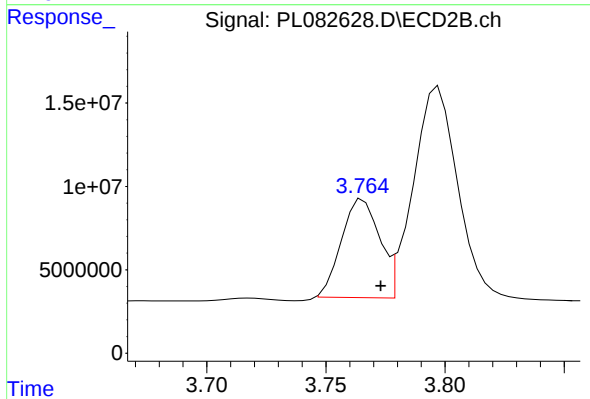
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.009 min
Response: 167553625
Conc: 53.19 ng/ml



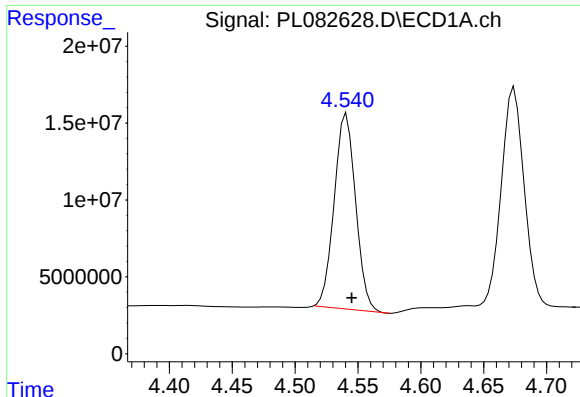
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 85278283
Conc: 50.00 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 65551940
Conc: 48.04 ng/ml



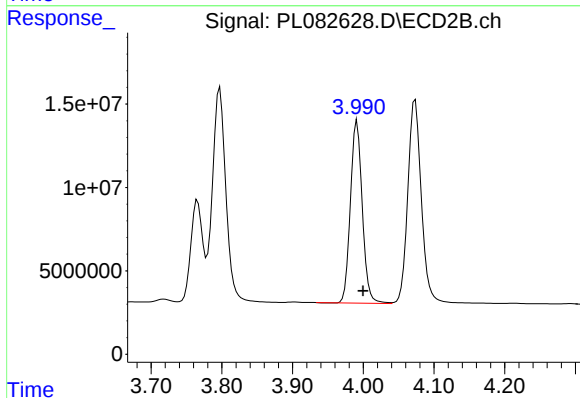
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 150675450
Conc: 41.88 ng/ml

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

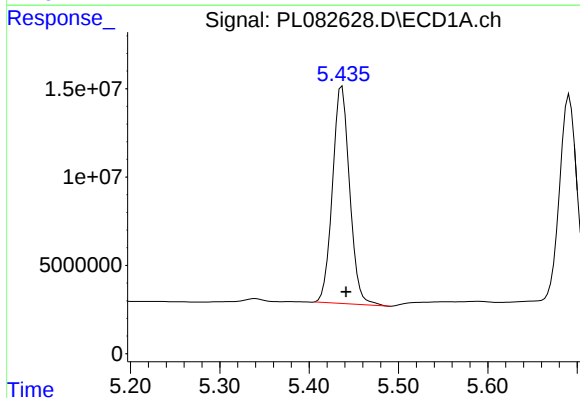
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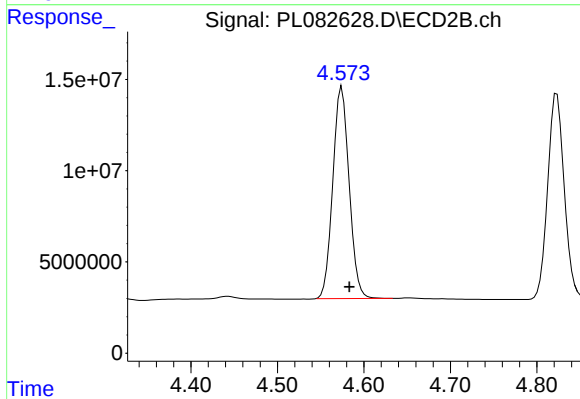
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.008 min
Response: 127713819
Conc: 41.64 ng/ml



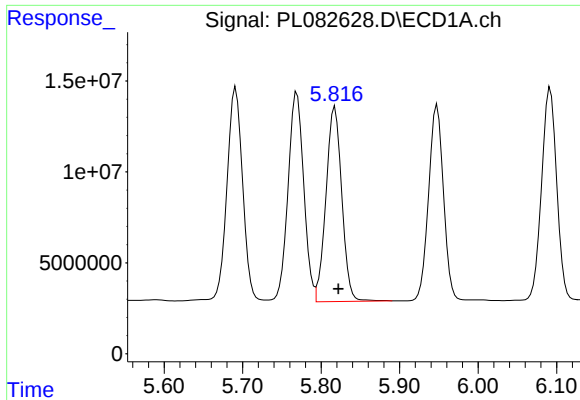
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 163832306
Conc: 53.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.009 min
Response: 151691311
Conc: 52.65 ng/ml



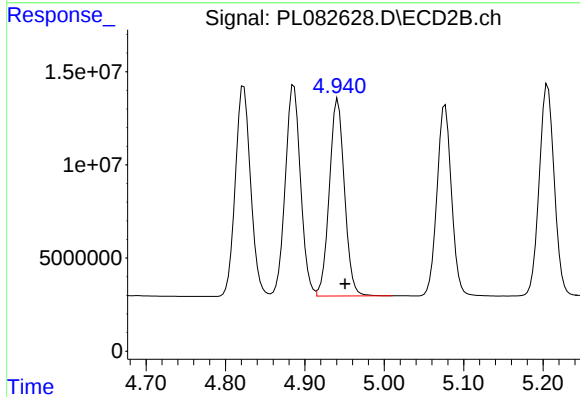
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 150066644
Conc: 54.12 ng/ml

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

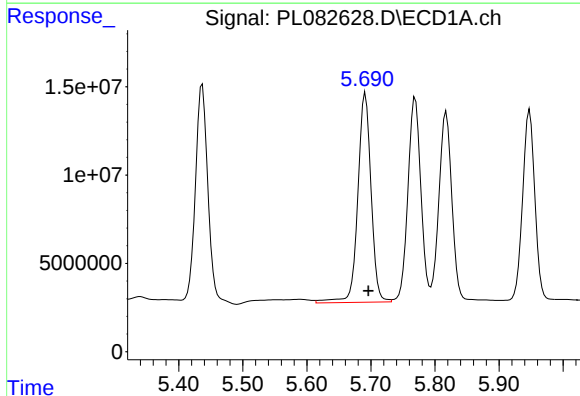
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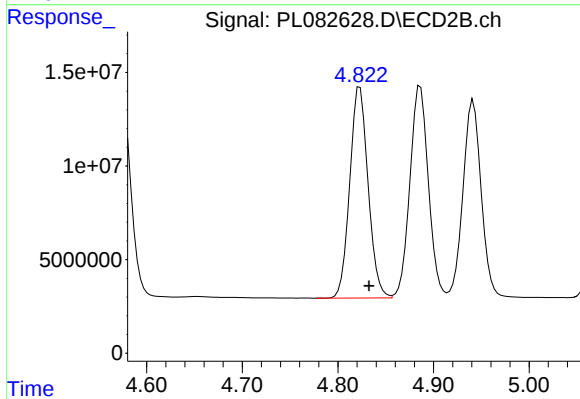
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.009 min
Response: 139673025
Conc: 52.32 ng/ml



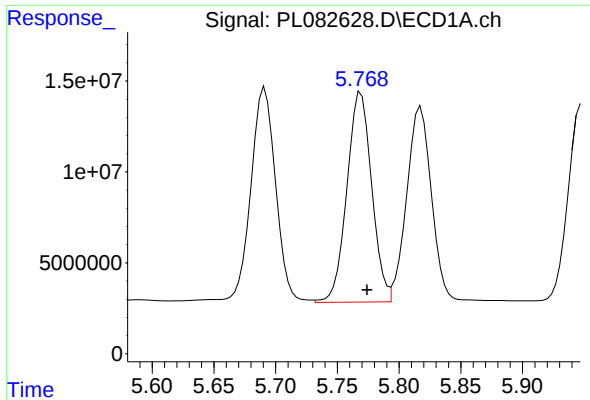
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.005 min
Response: 170704336
Conc: 56.77 ng/ml



#10 gamma-Chlordane

R.T.: 4.823 min
Delta R.T.: -0.010 min
Response: 150620169
Conc: 51.90 ng/ml



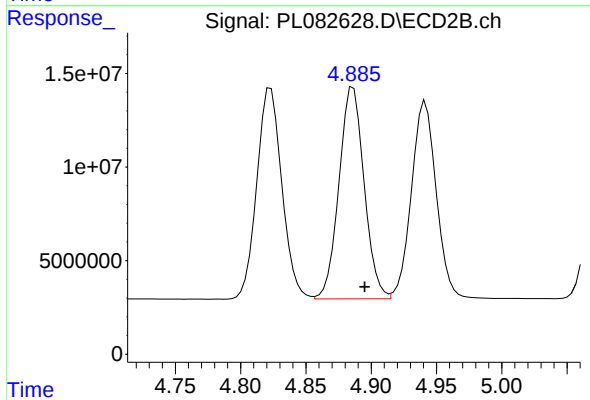
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 161548820
Conc: 54.13 ng/ml

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

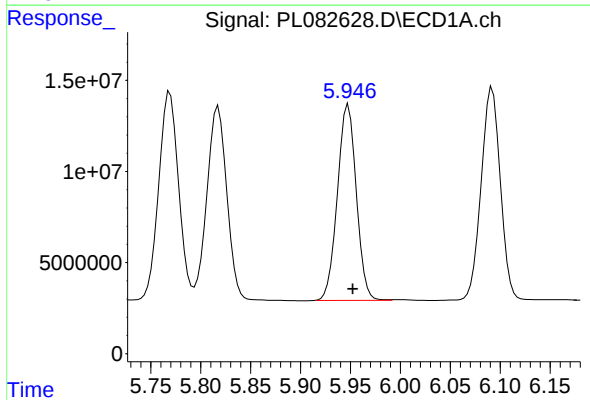
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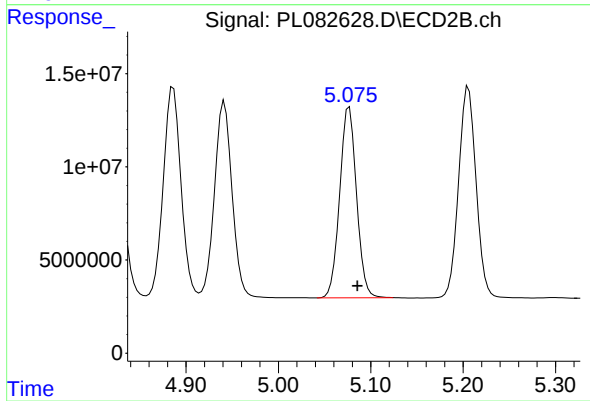
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 151669960
Conc: 52.25 ng/ml



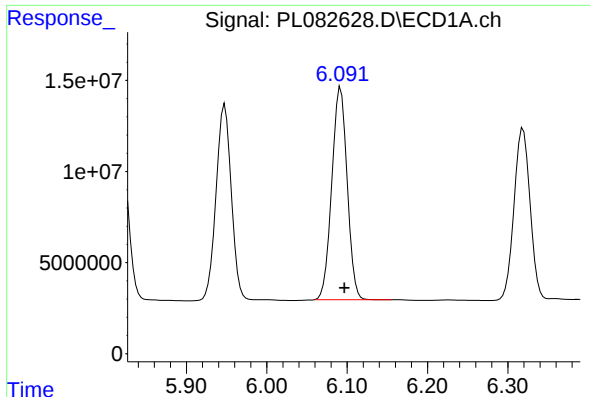
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 141539451
Conc: 55.68 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.010 min
Response: 129845305
Conc: 56.48 ng/ml m



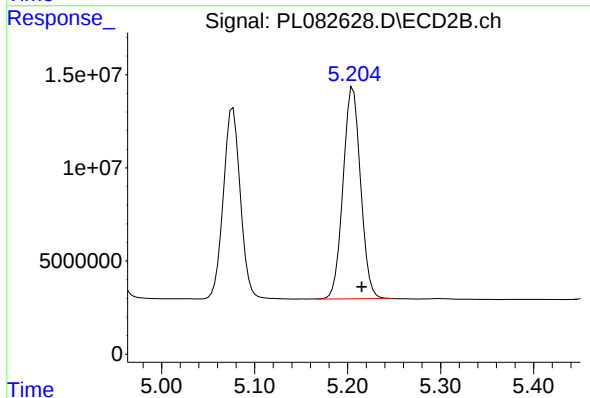
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 155131484
Conc: 56.22 ng/ml

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

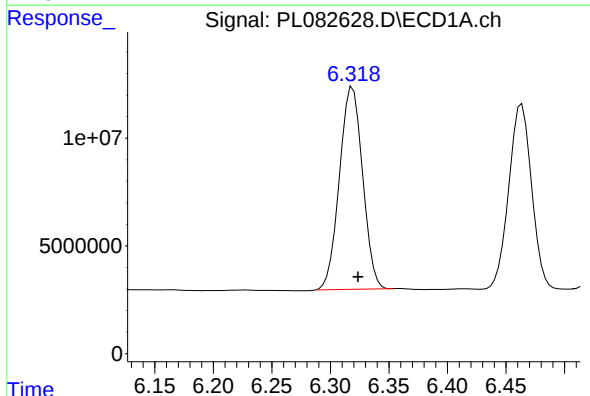
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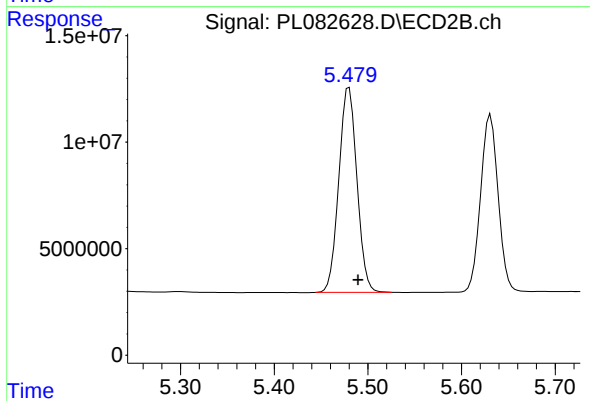
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 148592727
Conc: 55.03 ng/ml m



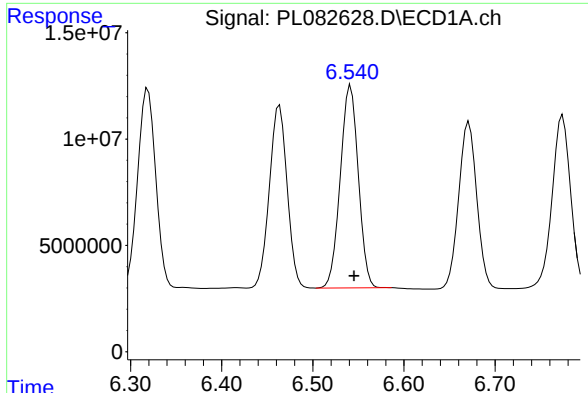
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 129432066
Conc: 53.38 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 129515208
Conc: 52.95 ng/ml m



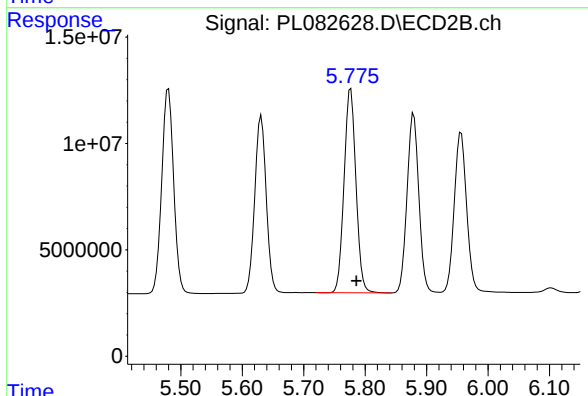
#15 Endosulfan II

R.T.: 6.542 min
Delta R.T.: -0.004 min
Response: 130799331
Conc: 53.73 ng/ml

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

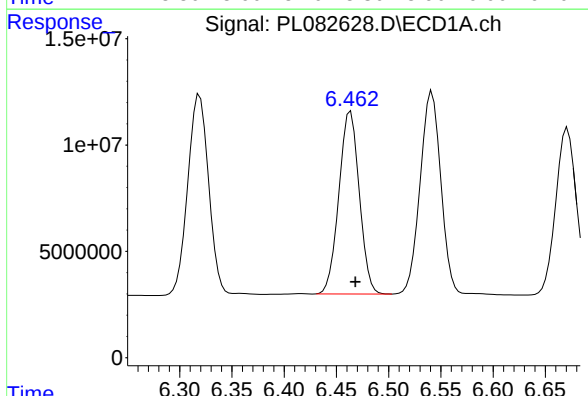
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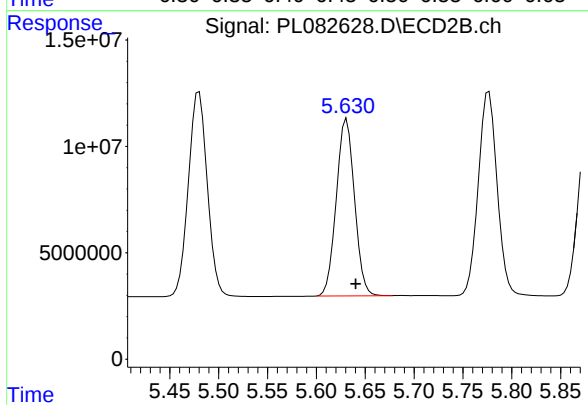
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 129007514
Conc: 57.23 ng/ml



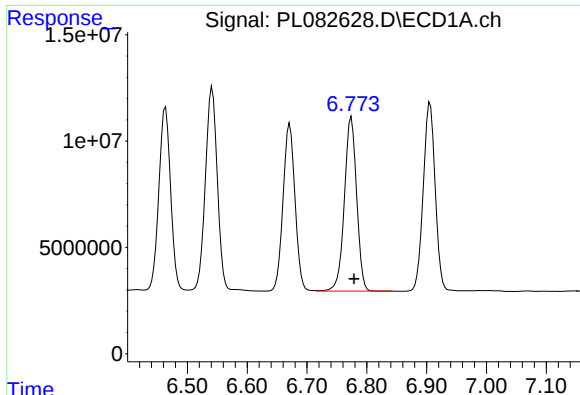
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 116528147
Conc: 57.48 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 108213122
Conc: 57.86 ng/ml



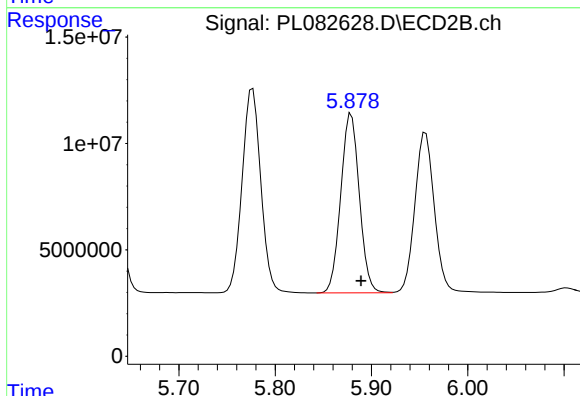
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 116378529
Conc: 50.87 ng/ml

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

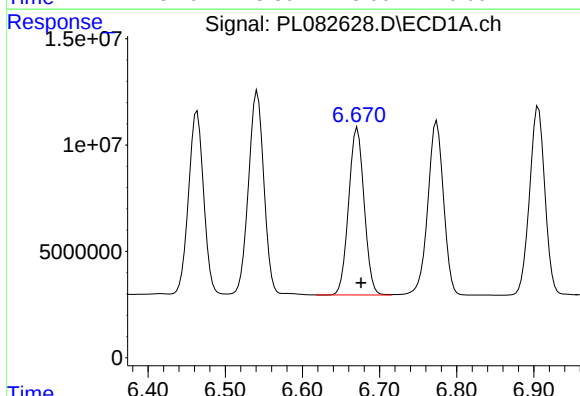
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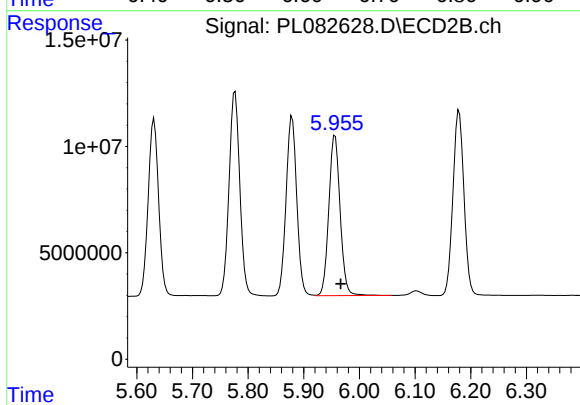
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 112626063
Conc: 53.31 ng/ml



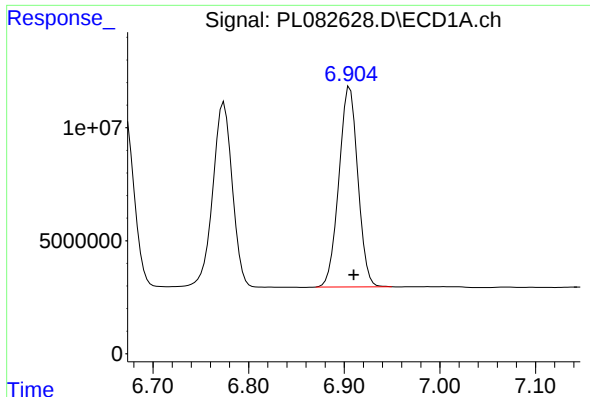
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.005 min
Response: 109377121
Conc: 58.05 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 106386938
Conc: 56.85 ng/ml



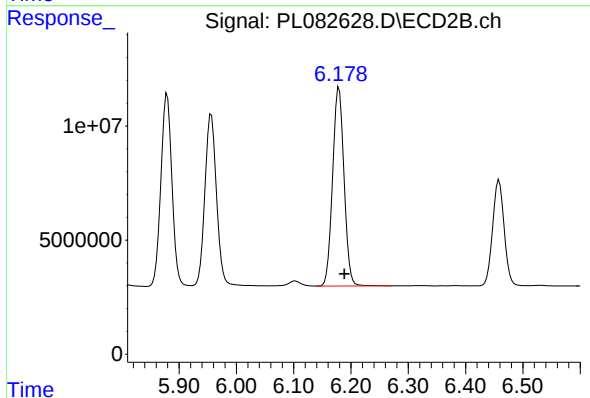
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 122057876
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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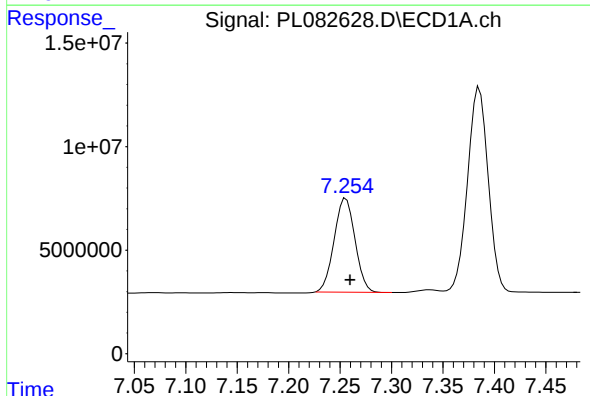
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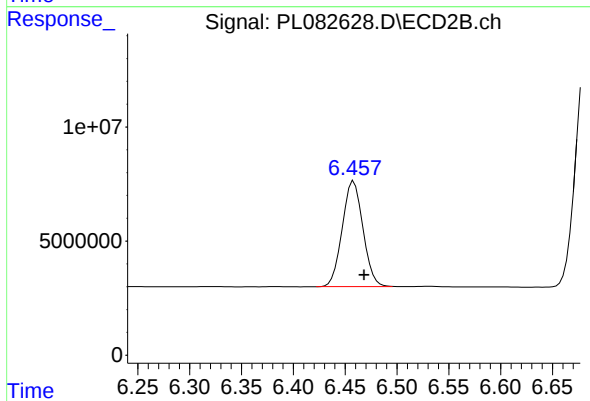
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 120089108
Conc: 51.01 ng/ml



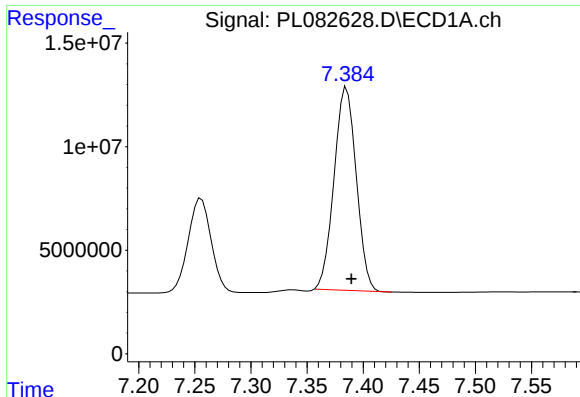
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.004 min
Response: 64056433
Conc: 52.49 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 64158238
Conc: 52.94 ng/ml m



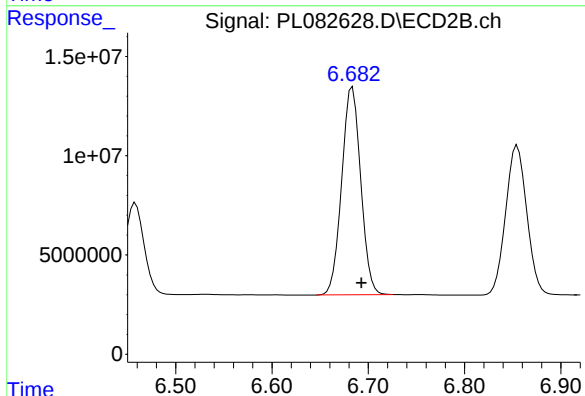
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 134741300
Conc: 56.27 ng/ml

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

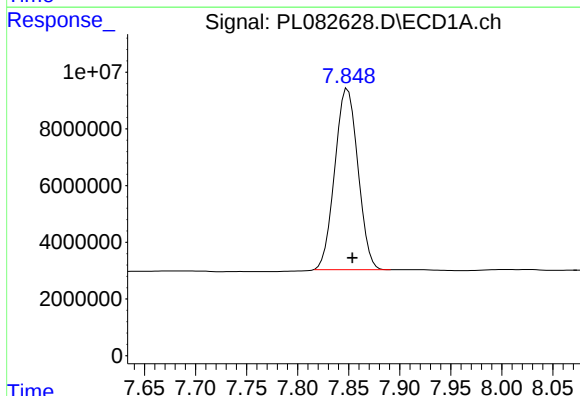
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



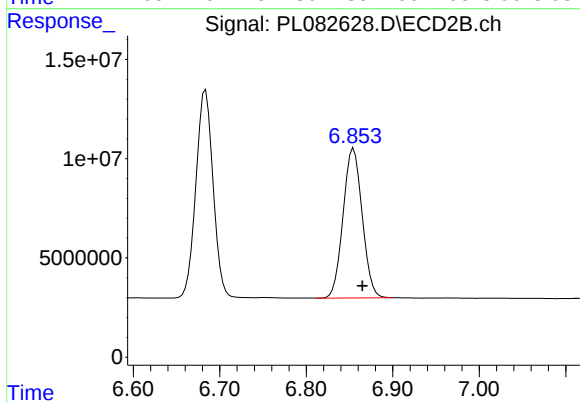
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.011 min
Response: 143296776
Conc: 56.46 ng/ml m



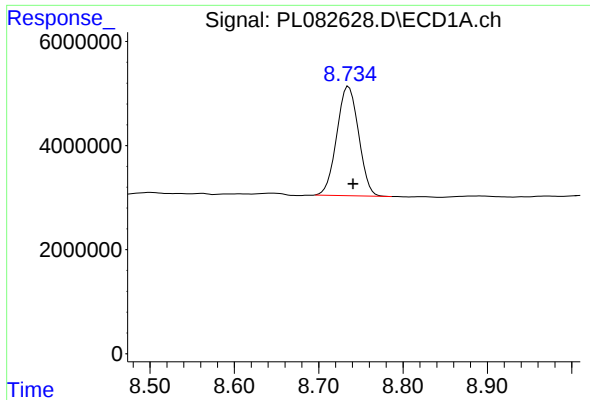
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.005 min
Response: 100803269
Conc: 51.53 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.012 min
Response: 115101542
Conc: 49.95 ng/ml m



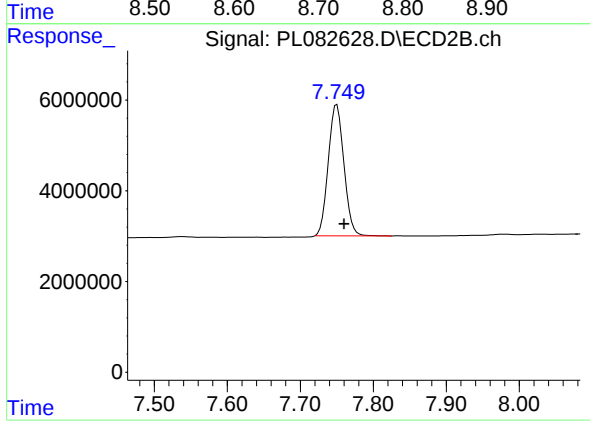
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.005 min
Response: 37720992
Conc: 19.76 ng/ml

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

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: -0.010 min
Response: 43115080
Conc: 18.89 ng/ml