

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 20:15
 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 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:32:44 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	48247026	39756911	18.062	17.161
28)	SA Decachlor...	8.735	7.750	36479344	41907701	19.108	18.360
Target Compounds							
2)	A alpha-BHC	3.768	3.139	194.0E6	167.3E6	48.744	49.162
3)	MA gamma-BHC...	4.096	3.466	190.9E6	166.1E6	51.069	51.660
4)	MA Heptachlor	4.674	3.797	177.5E6	158.3E6	48.583	46.231
5)	MB Aldrin	5.011	4.074	169.7E6	160.8E6	51.462	51.042
6)	B beta-BHC	4.300	3.764	82525748	59984515	48.388	43.964m
7)	B delta-BHC	4.541	3.992	146.1E6	123.1E6	40.621	40.147
8)	B Heptachlo...	5.437	4.575	157.7E6	146.5E6	51.700	50.840
9)	A Endosulfan I	5.817	4.942	141.1E6	135.2E6	50.885	50.652
10)	B gamma-Chl...	5.691	4.824	155.8E6	145.5E6	51.817m	50.149
11)	B alpha-Chl...	5.769	4.886	152.6E6	146.6E6	51.125	50.493
12)	B 4,4'-DDE	5.948	5.076	134.7E6	124.2E6	52.971	54.024m
13)	MA Dieldrin	6.092	5.204	148.7E6	143.4E6	53.890	53.095m
14)	MA Endrin	6.318	5.478	125.7E6	124.1E6	51.842	50.720m
15)	B Endosulfa...	6.541	5.777	124.5E6	124.8E6	51.130	55.384
16)	A 4,4'-DDD	6.463	5.631	112.1E6	105.1E6	55.322	56.179
17)	MA 4,4'-DDT	6.774	5.879	113.3E6	107.7E6	49.534	50.966
18)	B Endrin al...	6.670	5.956	105.6E6	103.4E6	56.032	55.228
19)	B Endosulfa...	6.905	6.179	117.4E6	116.1E6	49.484	49.334
20)	A Methoxychlor	7.255	6.457	61289035	61738645	50.223	50.946m
21)	B Endrin ke...	7.383	6.682	132.3E6	139.3E6	55.262m	54.891m
22)	Mirex	7.848	6.854	96084399	111.9E6	49.115	48.559m

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

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Data File : PL082629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 20:15
Operator : AR\AJ
Sample : 02643-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

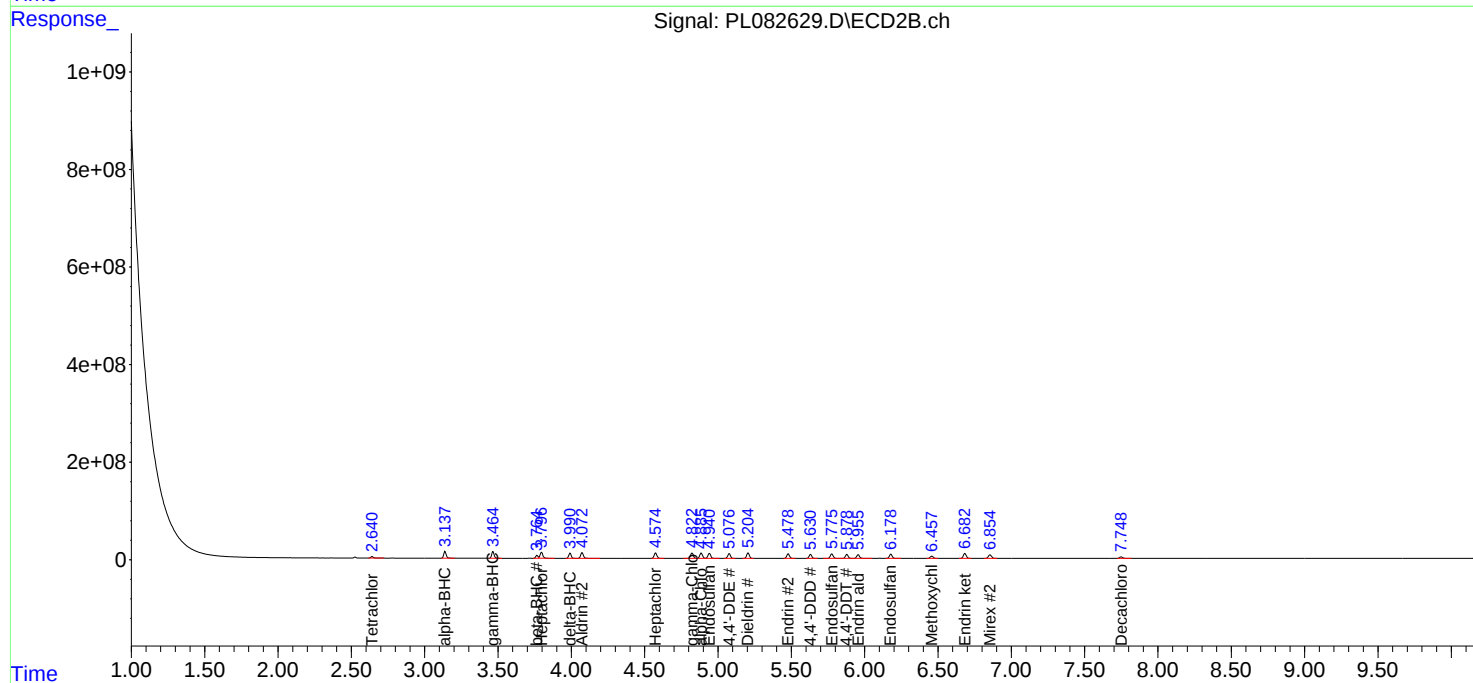
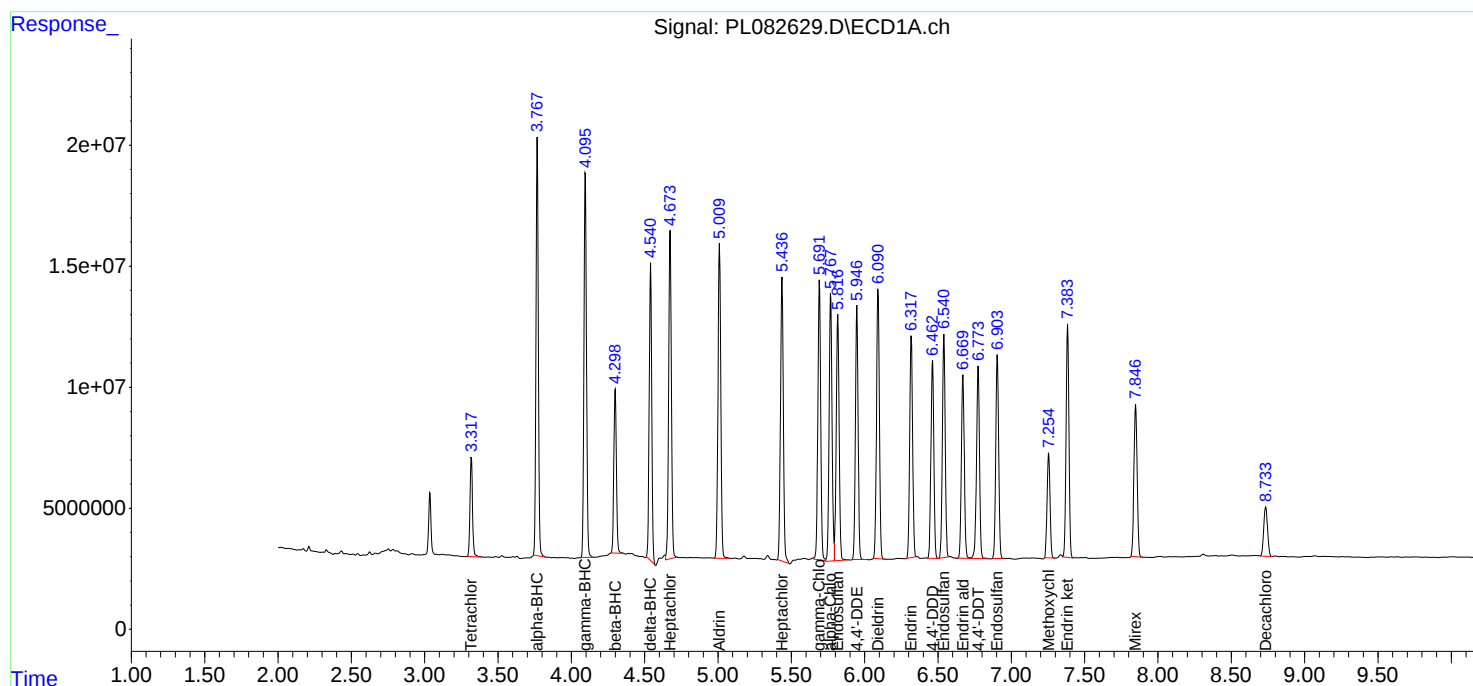
Instrument :
ECD_L
ClientSampleId :
FSND-IDW-S-05042023MSD

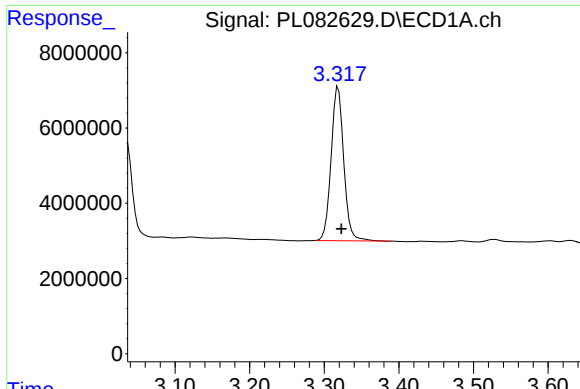
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:32:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
Response via : Initial Calibration
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





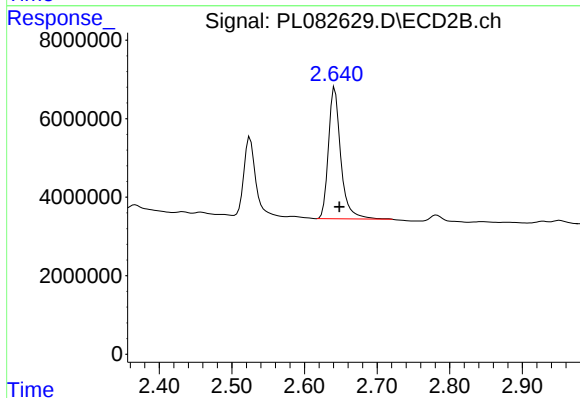
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 48247026
Conc: 18.06 ng/ml

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

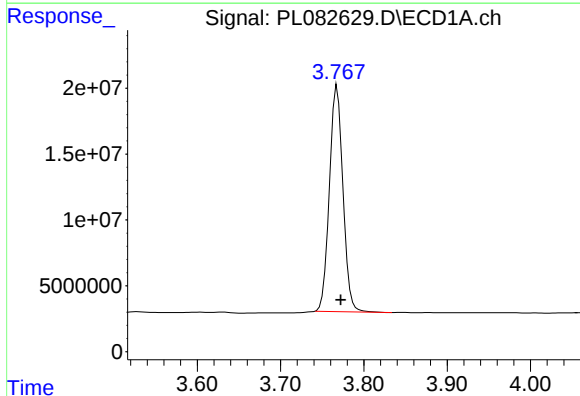
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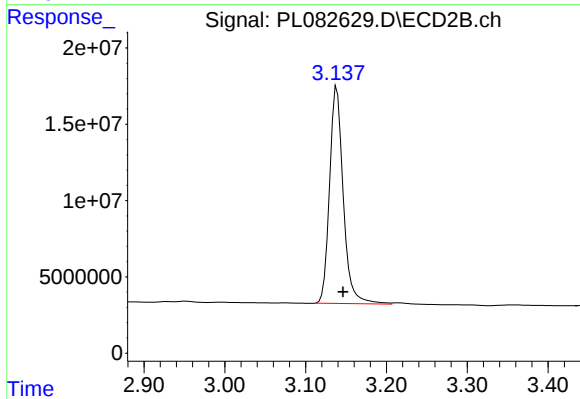
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 39756911
Conc: 17.16 ng/ml



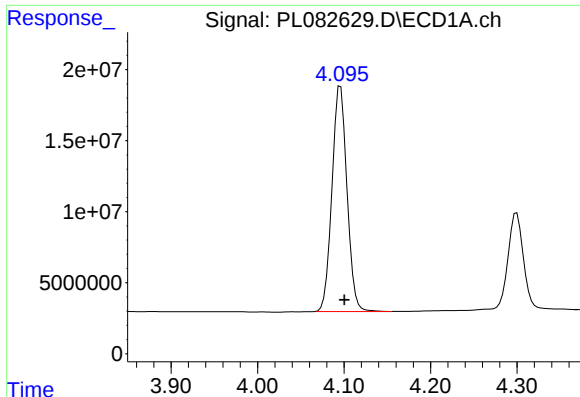
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.004 min
Response: 194014969
Conc: 48.74 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.008 min
Response: 167321792
Conc: 49.16 ng/ml



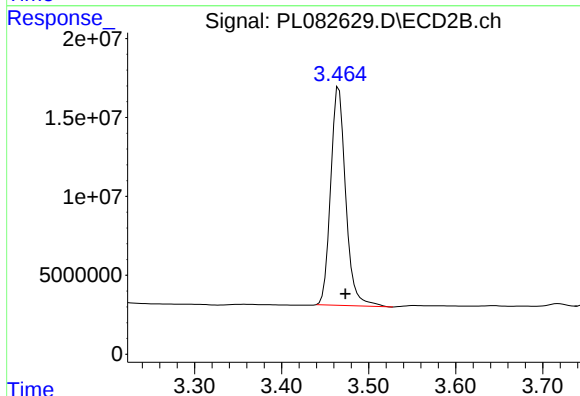
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 190944323
Conc: 51.07 ng/ml

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

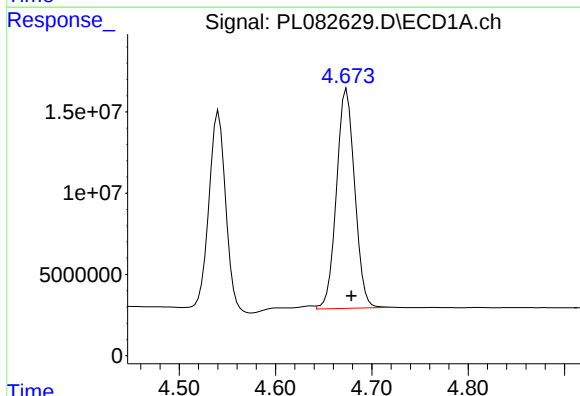
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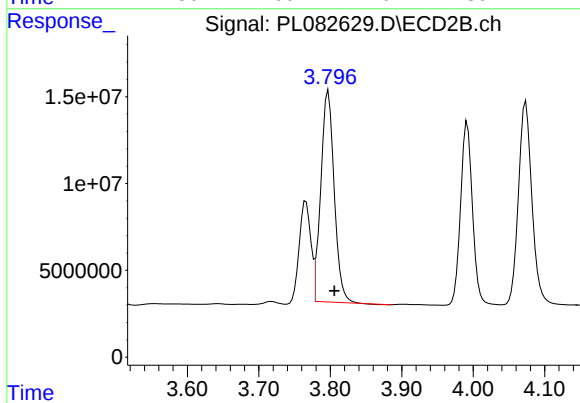
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 166101229
Conc: 51.66 ng/ml



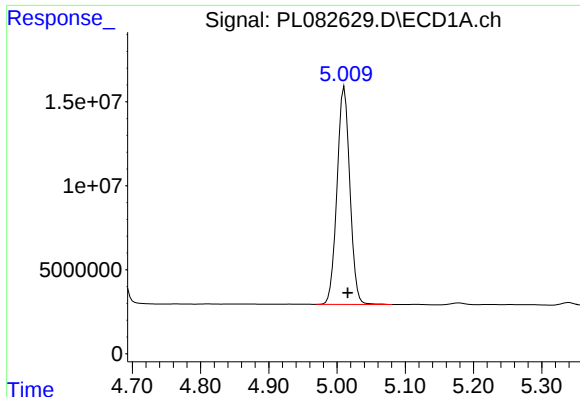
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 177519552
Conc: 48.58 ng/ml



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.009 min
Response: 158260868
Conc: 46.23 ng/ml



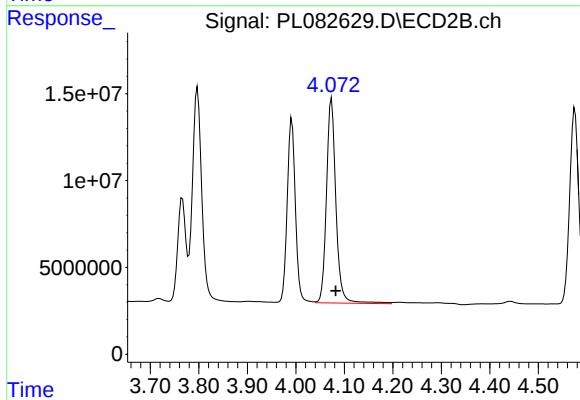
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 169700487
Conc: 51.46 ng/ml

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

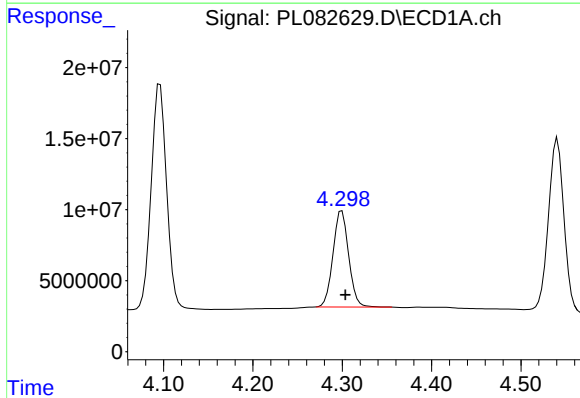
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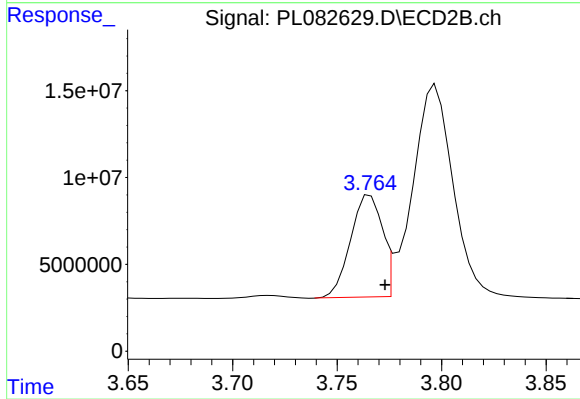
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.009 min
Response: 160774872
Conc: 51.04 ng/ml



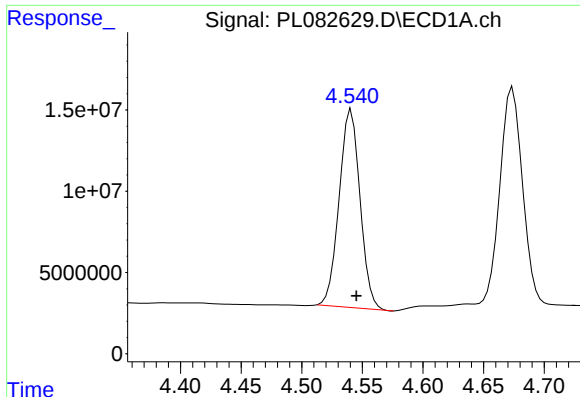
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 82525748
Conc: 48.39 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 59984515
Conc: 43.96 ng/ml m



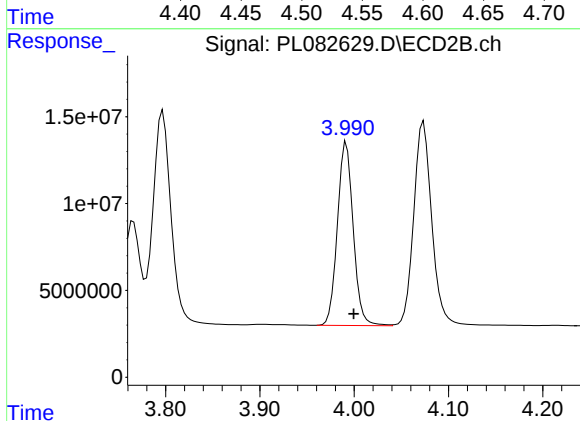
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 146145319
Conc: 40.62 ng/ml

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

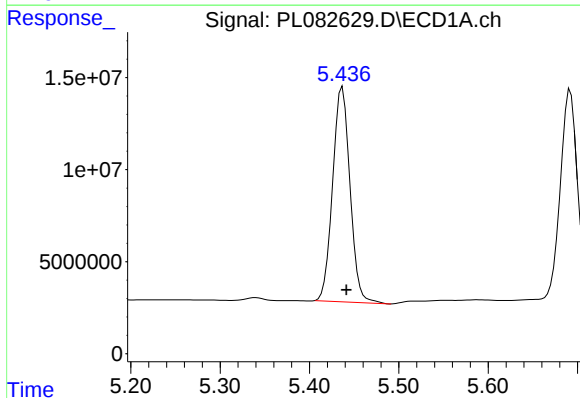
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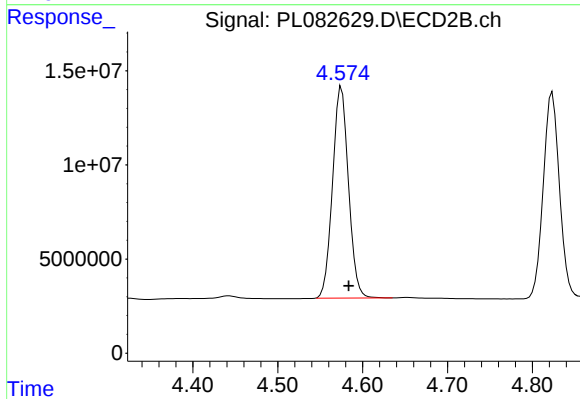
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.008 min
Response: 123146518
Conc: 40.15 ng/ml



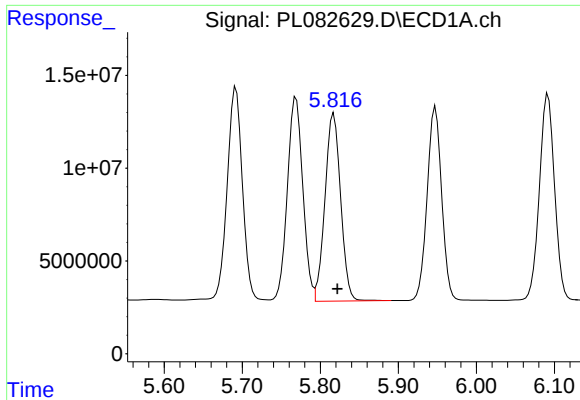
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 157703807
Conc: 51.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 146465244
Conc: 50.84 ng/ml



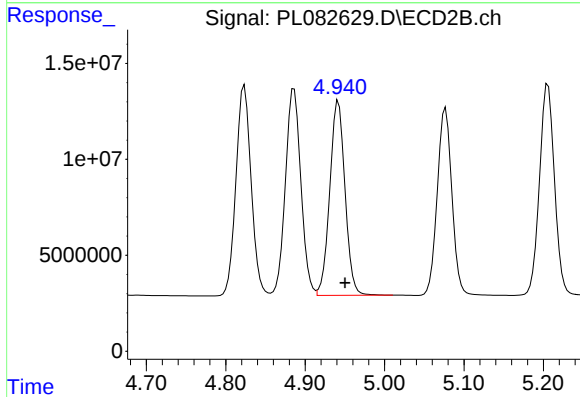
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 141090285
Conc: 50.89 ng/ml

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

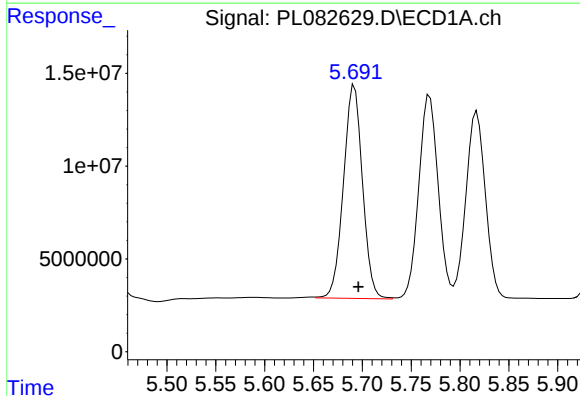
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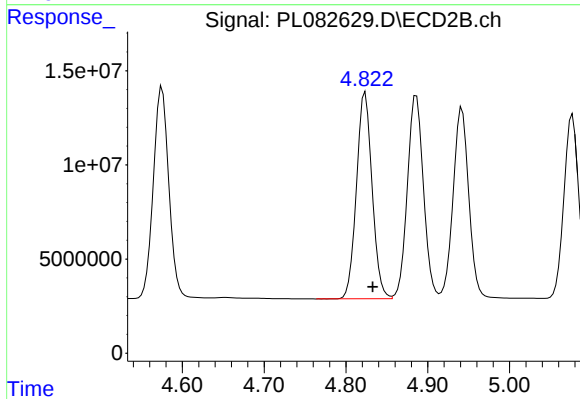
#9 Endosulfan I

R.T.: 4.942 min
Delta R.T.: -0.009 min
Response: 135212466
Conc: 50.65 ng/ml



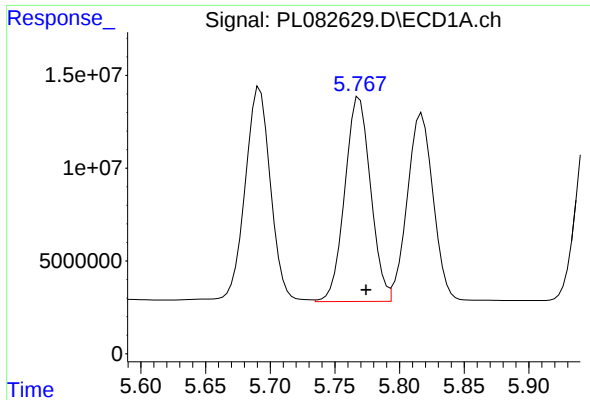
#10 gamma-Chlordane

R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 155806553
Conc: 51.82 ng/ml m



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.009 min
Response: 145525309
Conc: 50.15 ng/ml



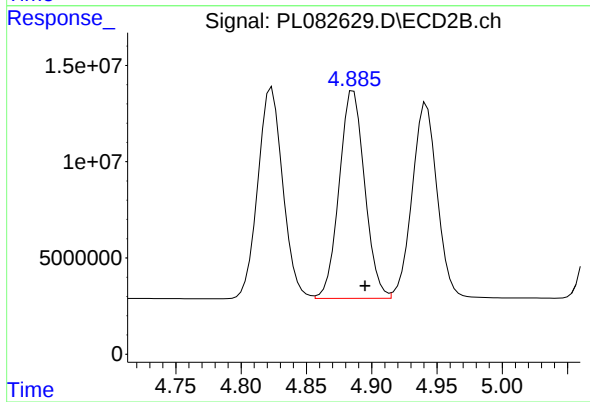
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 152587734
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
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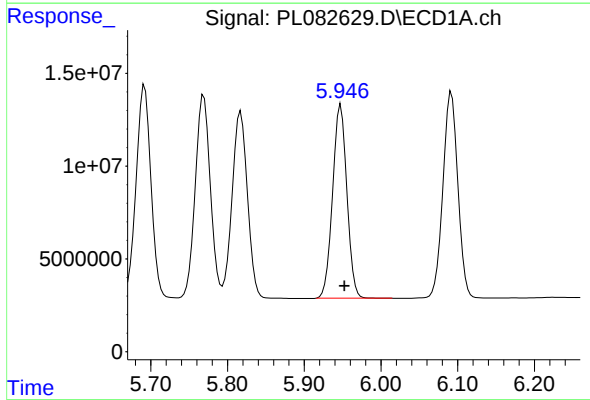
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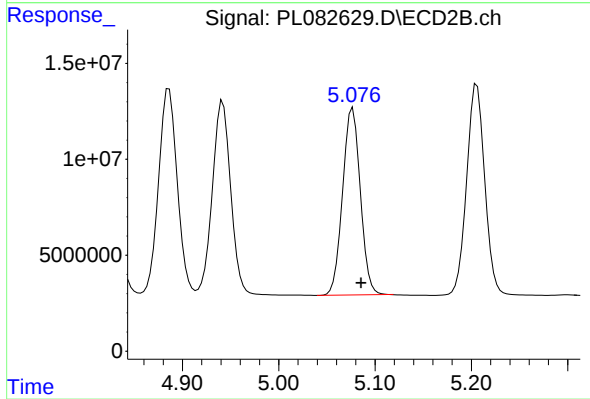
#11 alpha-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.009 min
Response: 146574043
Conc: 50.49 ng/ml



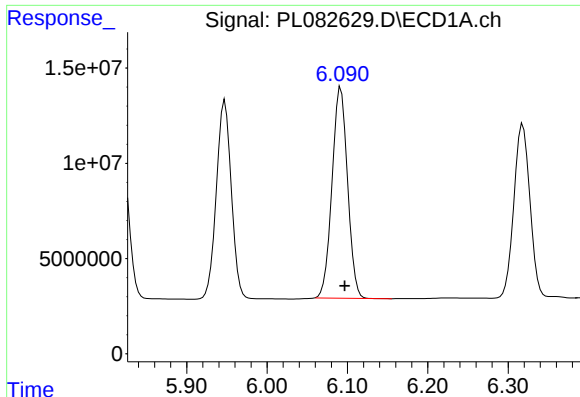
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.005 min
Response: 134653432
Conc: 52.97 ng/ml



#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: -0.010 min
Response: 124199453
Conc: 54.02 ng/ml m



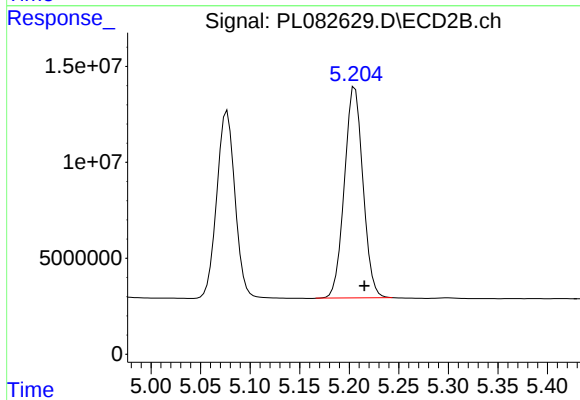
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 148689790
Conc: 53.89 ng/ml

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

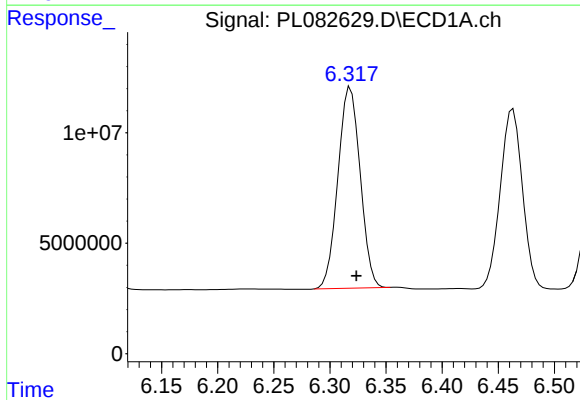
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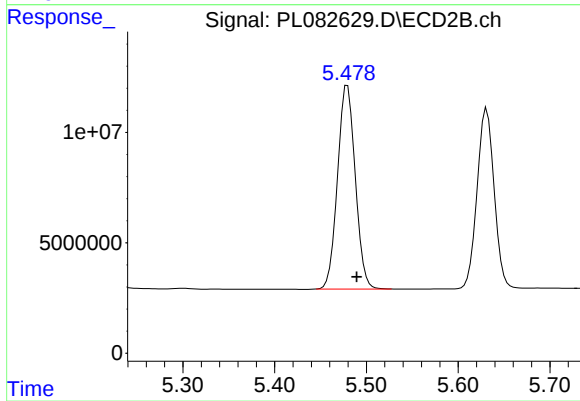
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 143375691
Conc: 53.09 ng/ml m



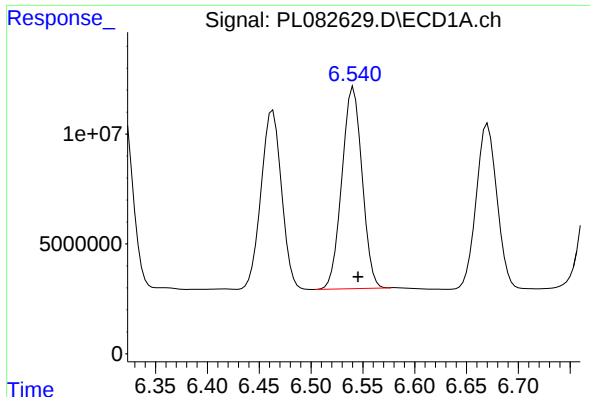
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.005 min
Response: 125694035
Conc: 51.84 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 124057901
Conc: 50.72 ng/ml m



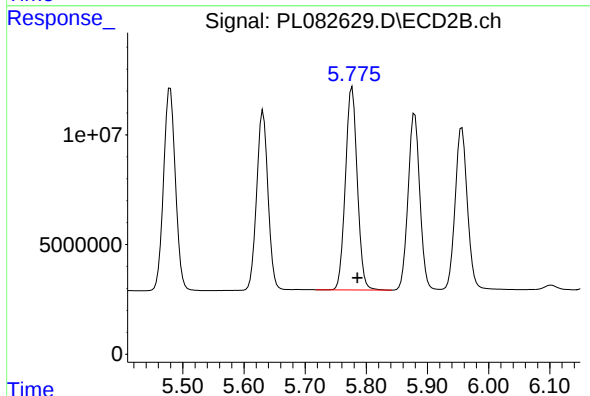
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 124478578
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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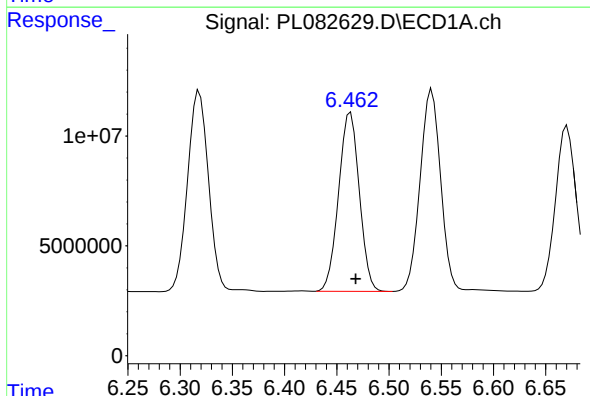
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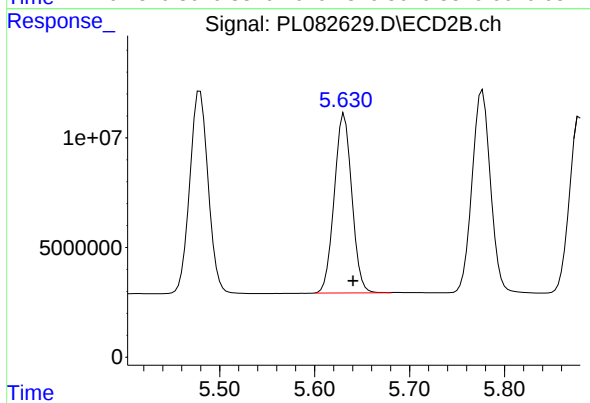
#15 Endosulfan II

R.T.: 5.777 min
Delta R.T.: -0.009 min
Response: 124840984
Conc: 55.38 ng/ml



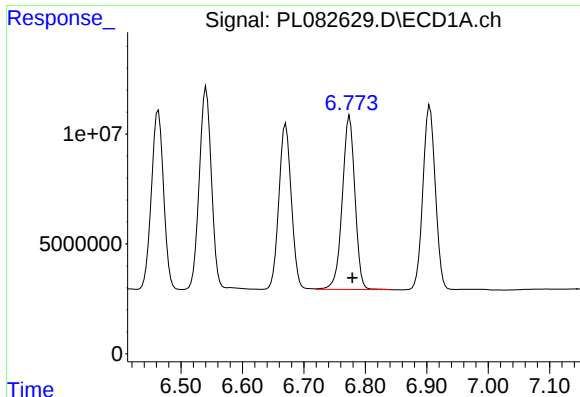
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 112149462
Conc: 55.32 ng/ml



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: -0.009 min
Response: 105077780
Conc: 56.18 ng/ml



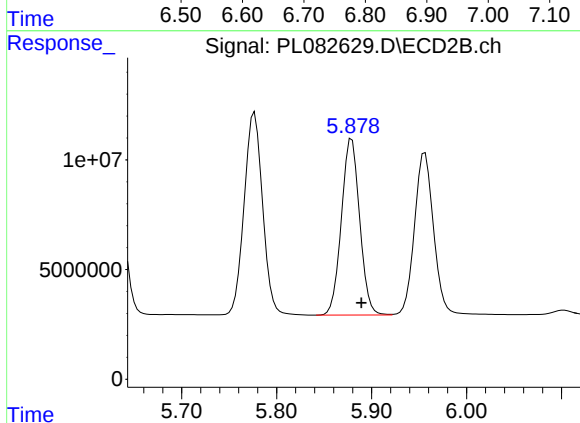
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 113319808
Conc: 49.53 ng/ml

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

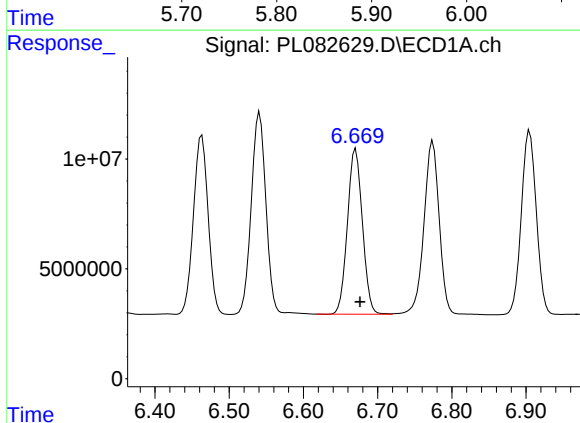
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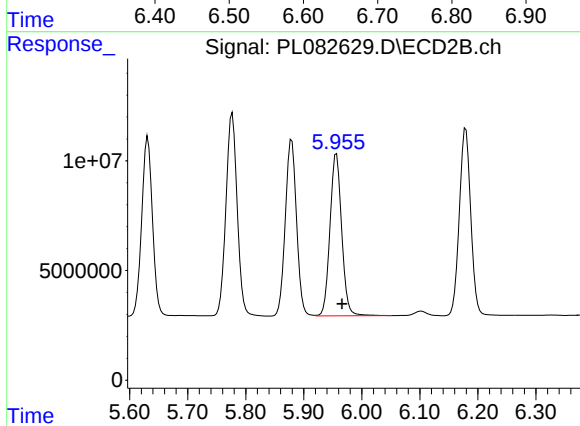
#17 4,4'-DDT

R.T.: 5.879 min
Delta R.T.: -0.010 min
Response: 107669421
Conc: 50.97 ng/ml



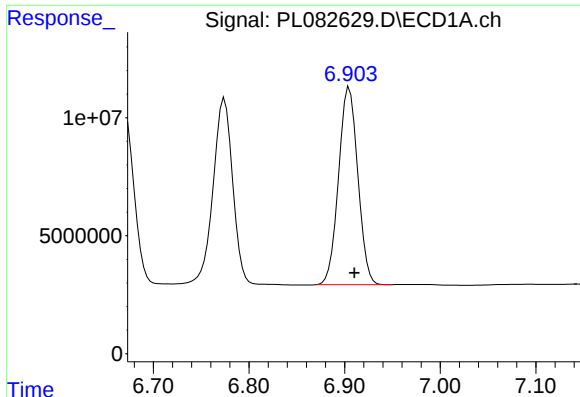
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.006 min
Response: 105573537
Conc: 56.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.956 min
Delta R.T.: -0.010 min
Response: 103351583
Conc: 55.23 ng/ml



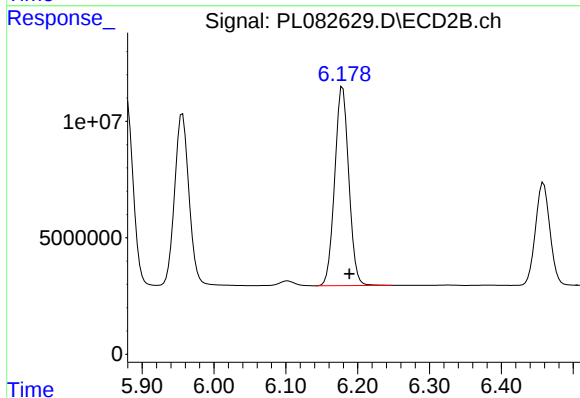
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 117352709
Conc: 49.48 ng/ml

Instrument :
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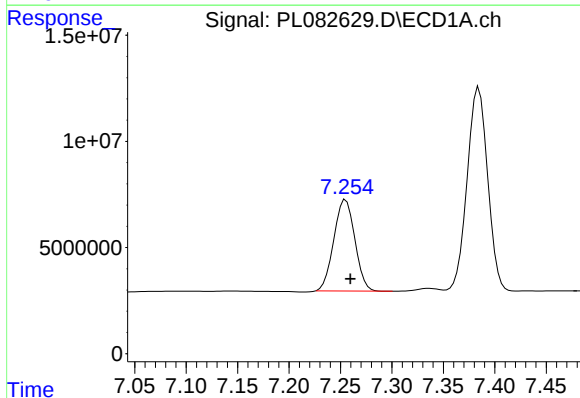
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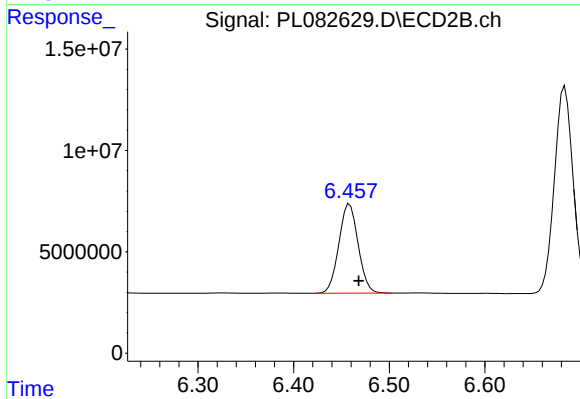
#19 Endosulfan Sulfate

R.T.: 6.179 min
Delta R.T.: -0.010 min
Response: 116146836
Conc: 49.33 ng/ml



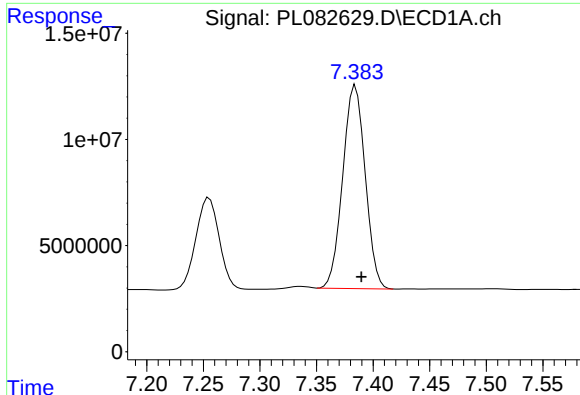
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 61289035
Conc: 50.22 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 61738645
Conc: 50.95 ng/ml m



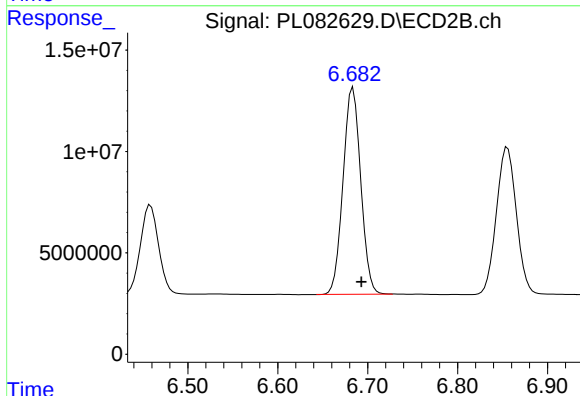
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 132319874
Conc: 55.26 ng/ml

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

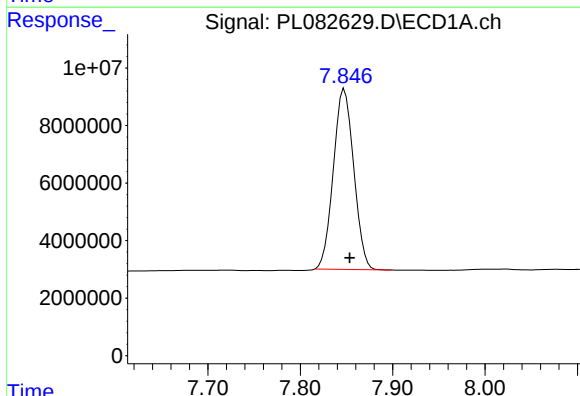
Manual Integrations
APPROVED

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



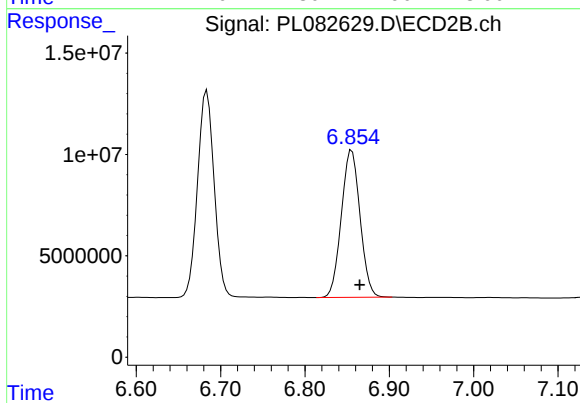
#21 Endrin ketone

R.T.: 6.682 min
Delta R.T.: -0.010 min
Response: 139322617
Conc: 54.89 ng/ml m



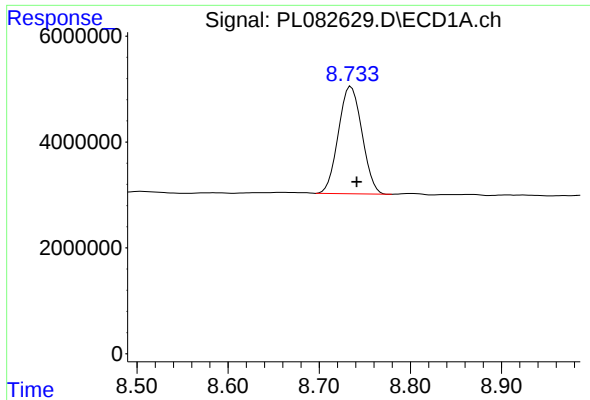
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 96084399
Conc: 49.11 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.011 min
Response: 111893019
Conc: 48.56 ng/ml m



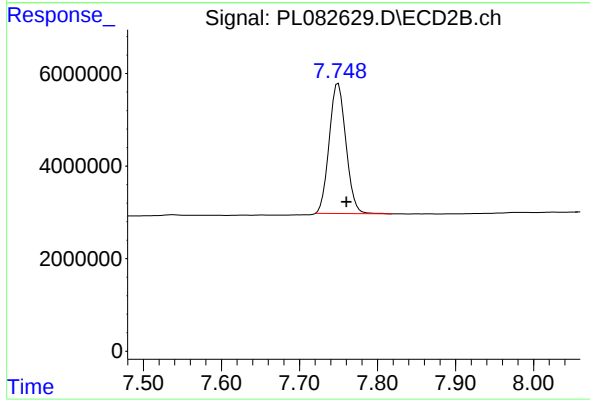
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 36479344
Conc: 19.11 ng/ml

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

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: 41907701
Conc: 18.36 ng/ml