

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 13:53
 Operator : AR\AJ
 Sample : 02608-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-227MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:16:18 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...	3.320	2.643	28861844	22609831	10.805	9.759
28)	SA Decachlor...	8.738	7.754	11389552	11441166	5.966	5.013
Target Compounds							
2)	A alpha-BHC	3.770	3.141	174.7E6	144.3E6	43.900	42.401
3)	MA gamma-BHC...	4.098	3.468	163.2E6	147.1E6	43.649	45.748
4)	MA Heptachlor	4.676	3.800	167.5E6	149.9E6	45.832	43.775
5)	MB Aldrin	5.013	4.077	159.7E6	147.3E6	48.420	46.754
6)	B beta-BHC	4.302	3.769	76744856	66281668	44.998	48.579
7)	B delta-BHC	4.543	3.994	132.7E6	111.4E6	36.892	36.304
8)	B Heptachlo...	5.440	4.578	143.9E6	131.9E6	47.180	45.796
9)	A Endosulfan I	5.821	4.946	131.6E6	108.1E6	47.451	40.499
10)	B gamma-Chl...	5.694	4.827	147.4E6	130.5E6	49.012	44.972
11)	B alpha-Chl...	5.772	4.890	144.2E6	131.4E6	48.300	45.275
12)	B 4,4'-DDE	5.952	5.080	112.8E6	112.1E6	44.388	48.769
13)	MA Dieldrin	6.095	5.210	135.2E6	130.9E6	49.007	48.465
14)	MA Endrin	6.322	5.484	117.8E6	116.1E6	48.592	47.461
15)	B Endosulfa...	6.545	5.780	114.6E6	114.1E6	47.077	50.637
16)	A 4,4'-DDD	6.467	5.635	101.6E6	90566303	50.131	48.421
17)	MA 4,4'-DDT	6.778	5.883	109.2E6	103.5E6	47.721	48.983
18)	B Endrin al...	6.674	5.960	98068515	95289435	52.049	50.919
19)	B Endosulfa...	6.909	6.183	110.4E6	107.4E6	46.555	45.609
20)	A Methoxychlor	7.259	6.462	60365919	62029666	49.467	51.187
21)	B Endrin ke...	7.389	6.686	120.8E6	125.4E6	50.451	49.388m
22)	Mirex	7.853	6.857	93022746	106.4E6	47.550	46.184m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 13:53
Operator : AR\AJ
Sample : 02608-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

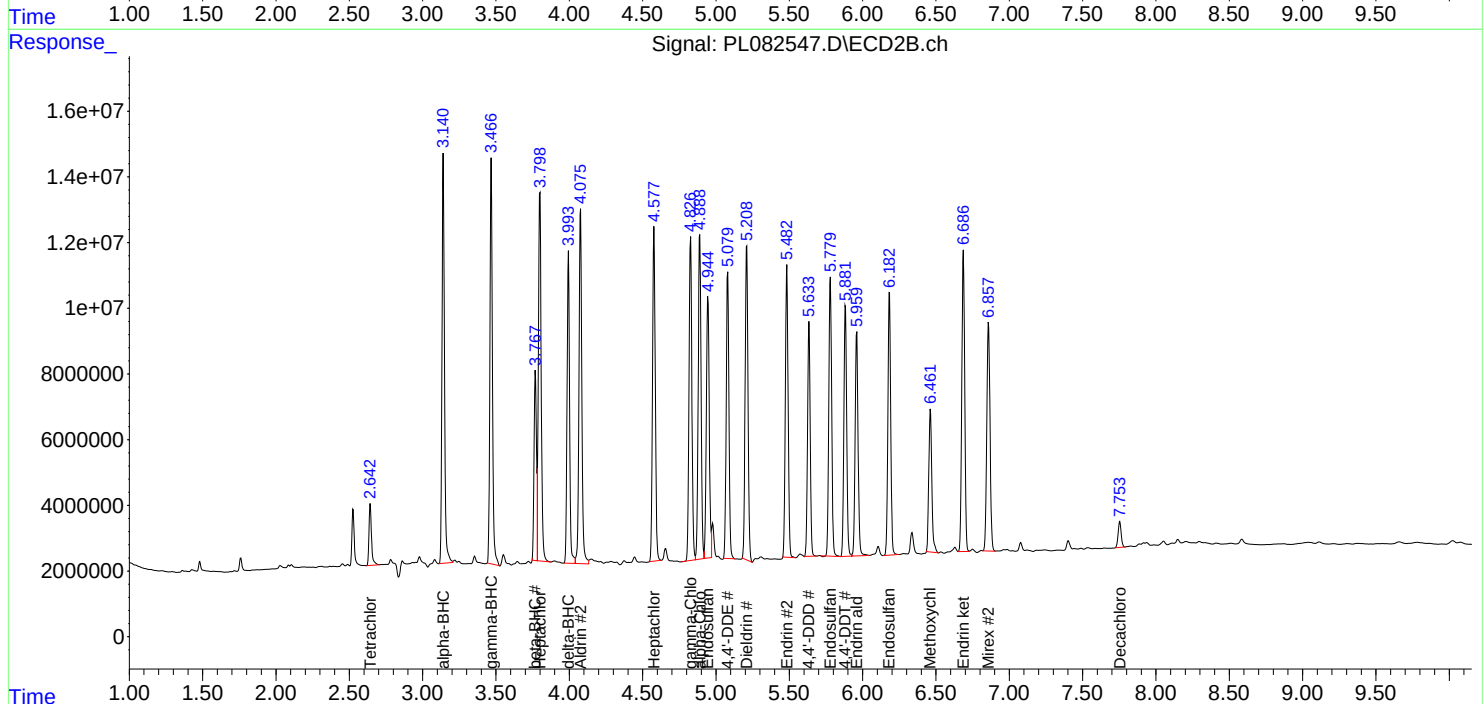
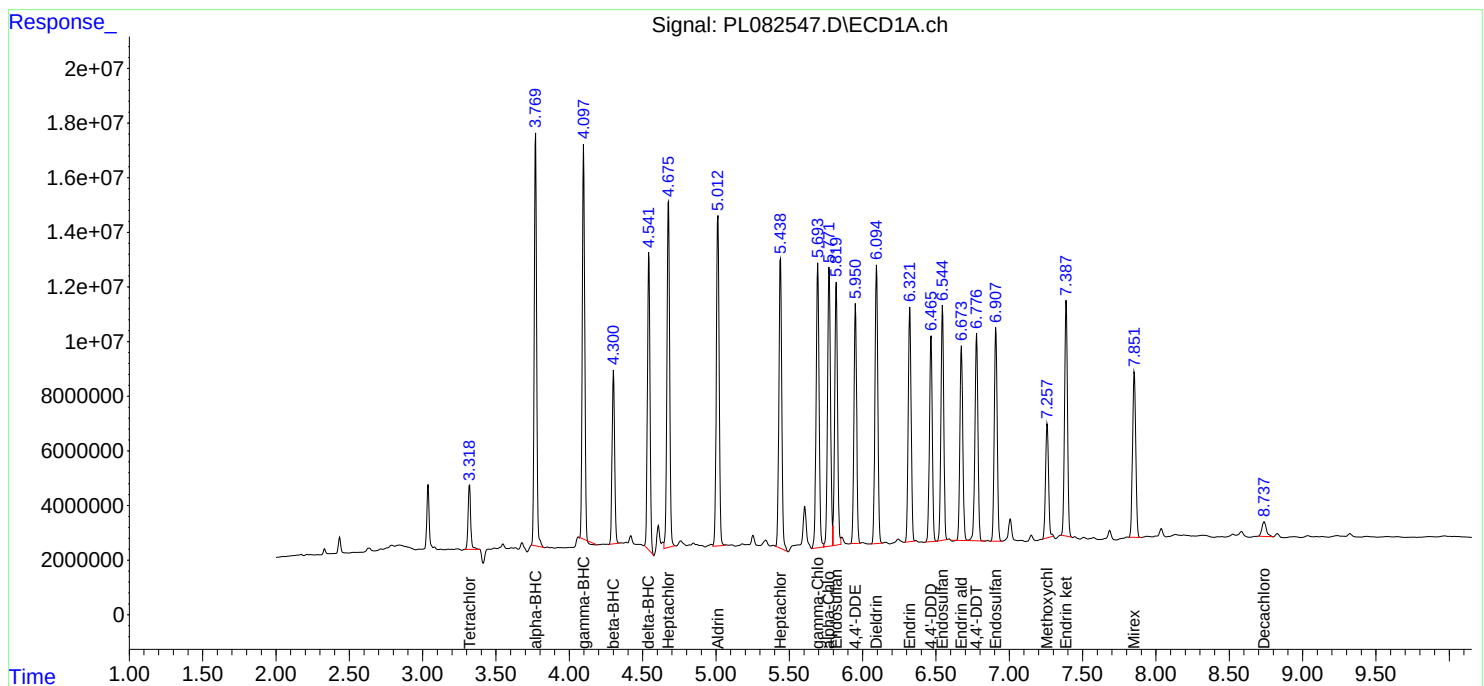
Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

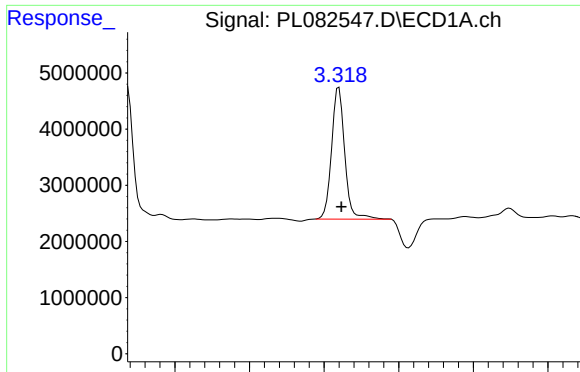
Manual Integrations
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Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 21:16:18 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





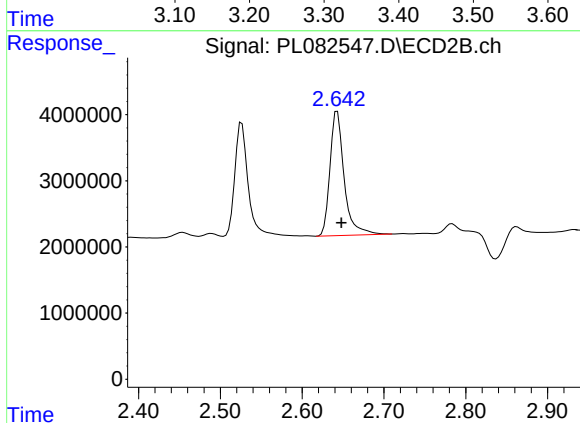
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 28861844
Conc: 10.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

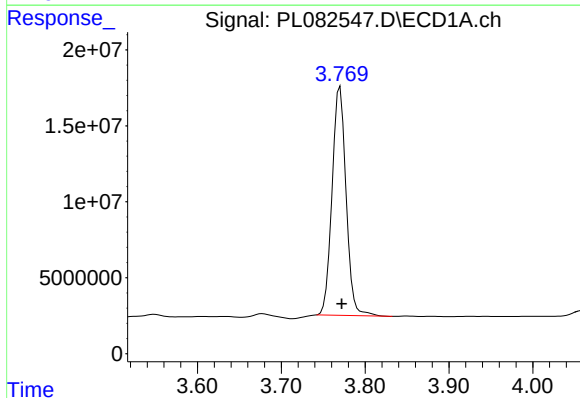
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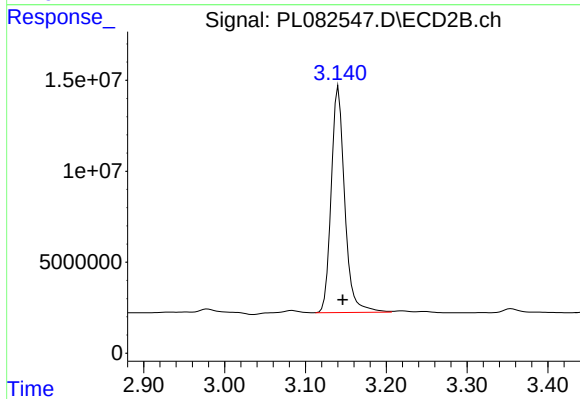
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 22609831
Conc: 9.76 ng/ml



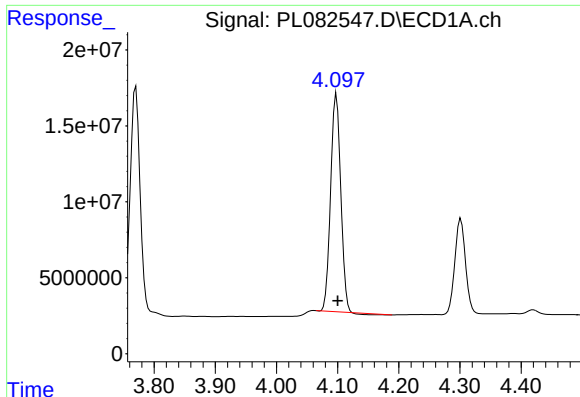
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 174734570
Conc: 43.90 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.005 min
Response: 144310363
Conc: 42.40 ng/ml



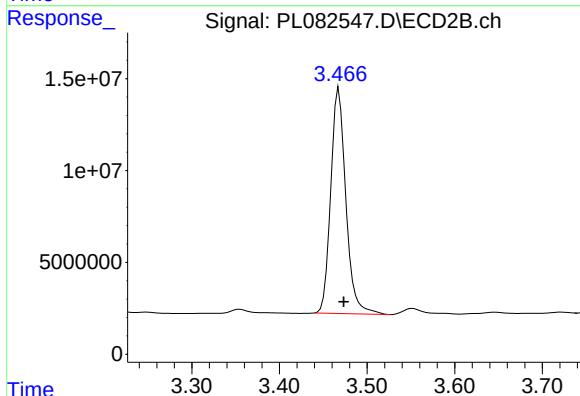
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 163200102
Conc: 43.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

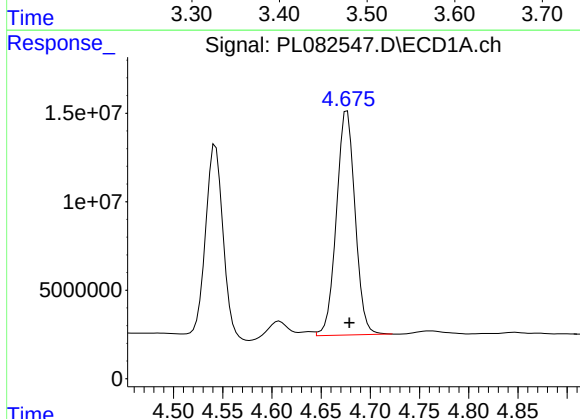
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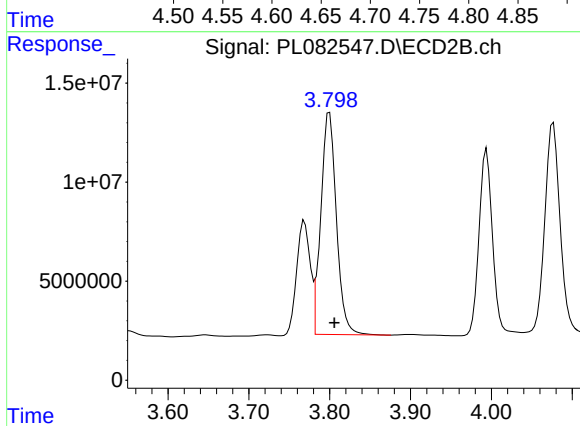
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 147091387
Conc: 45.75 ng/ml



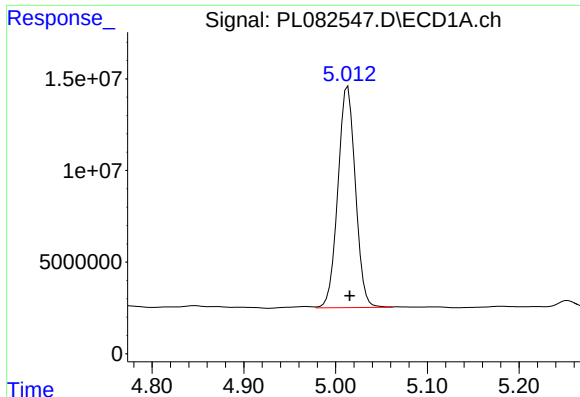
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.002 min
Response: 167465244
Conc: 45.83 ng/ml



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 149850903
Conc: 43.77 ng/ml



#5 Aldrin

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 159669281
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#5 Aldrin

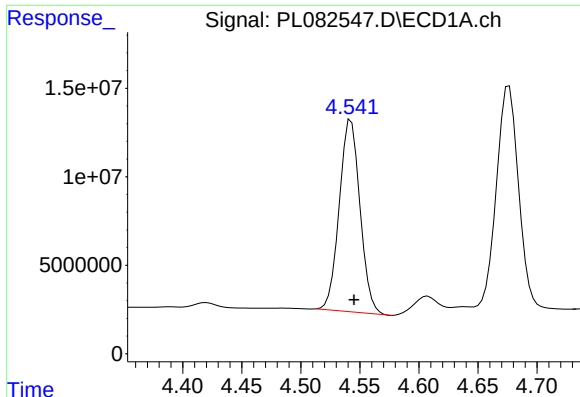
R.T.: 4.077 min
Delta R.T.: -0.006 min
Response: 147269761
Conc: 46.75 ng/ml

#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 76744856
Conc: 45.00 ng/ml

#6 beta-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 66281668
Conc: 48.58 ng/ml



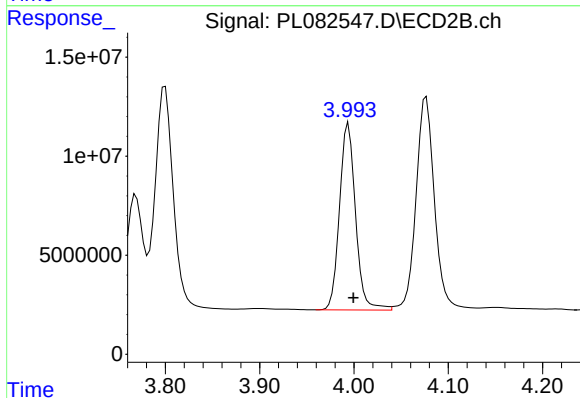
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.003 min
Response: 132729830
Conc: 36.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

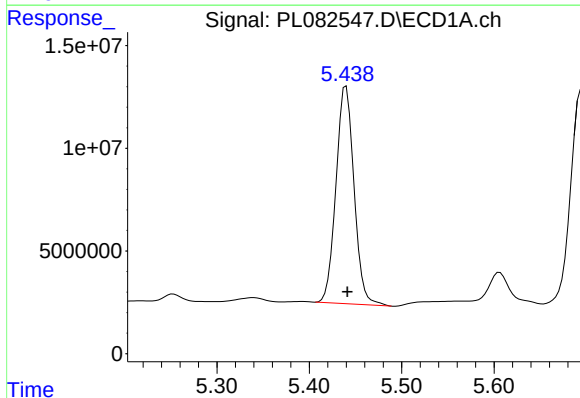
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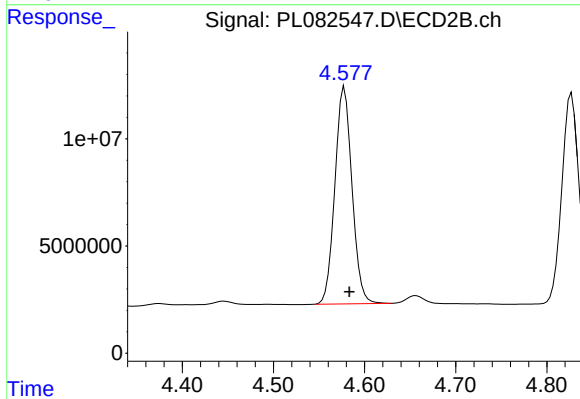
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 111359201
Conc: 36.30 ng/ml



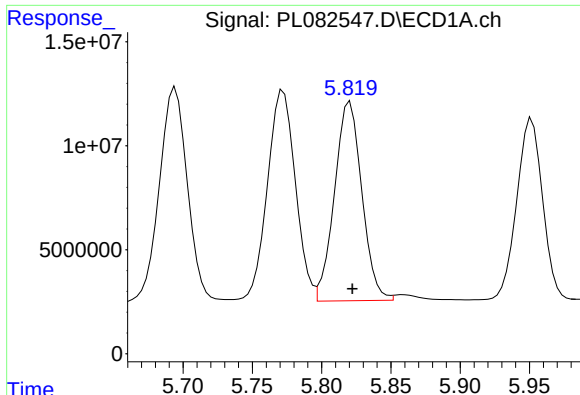
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 143915058
Conc: 47.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 131931902
Conc: 45.80 ng/ml



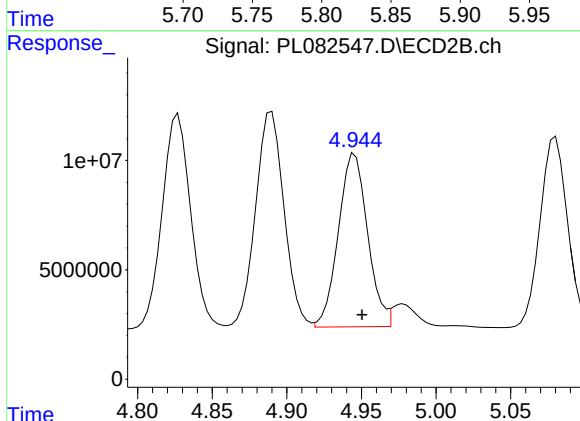
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 131569675
Conc: 47.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

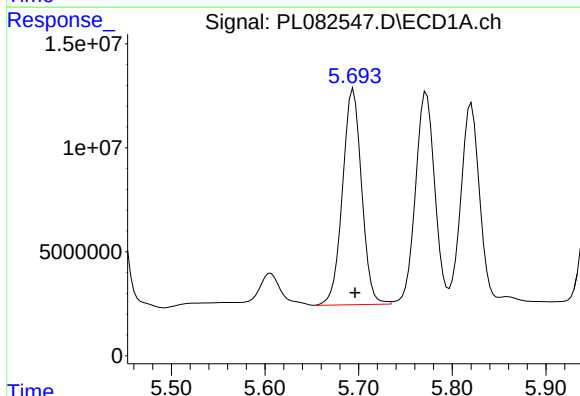
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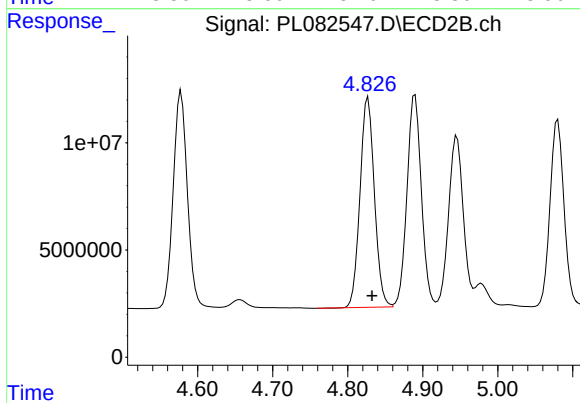
#9 Endosulfan I

R.T.: 4.946 min
Delta R.T.: -0.005 min
Response: 108110065
Conc: 40.50 ng/ml



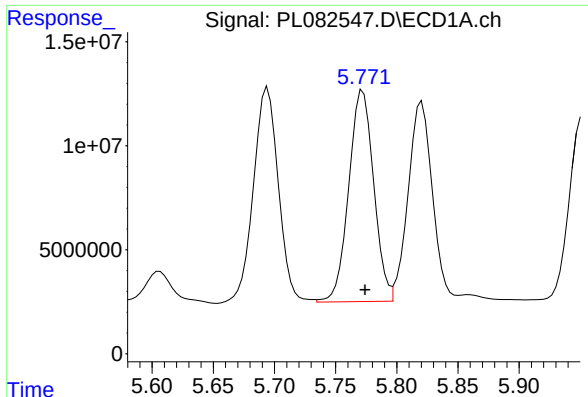
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 147371786
Conc: 49.01 ng/ml



#10 gamma-Chlordane

R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 130500947
Conc: 44.97 ng/ml



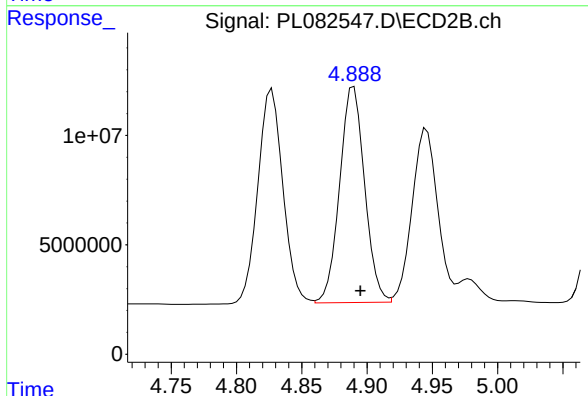
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 144156669
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

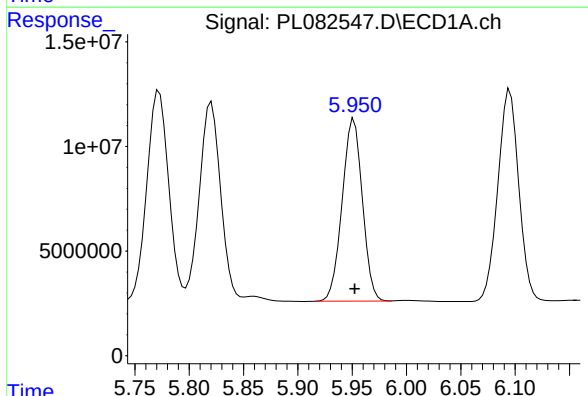
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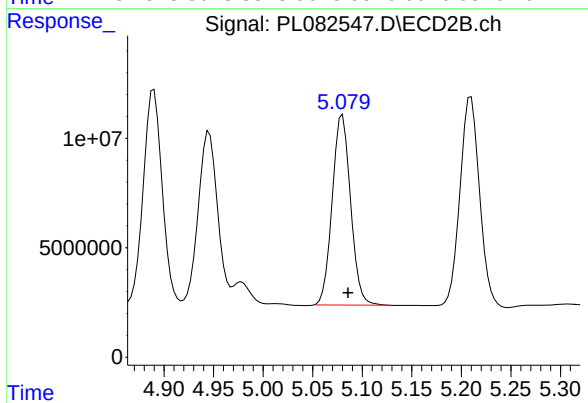
#11 alpha-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.005 min
Response: 131424478
Conc: 45.27 ng/ml



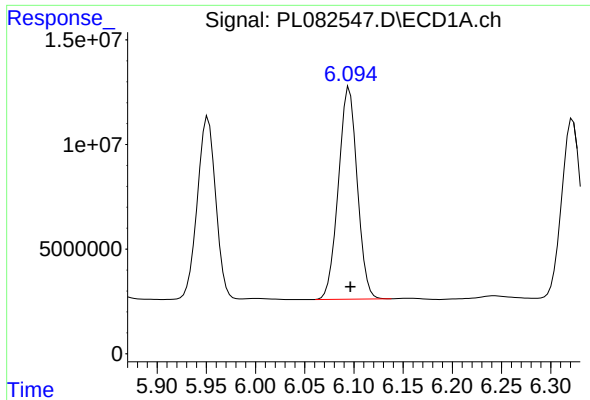
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 112836398
Conc: 44.39 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 112117950
Conc: 48.77 ng/ml



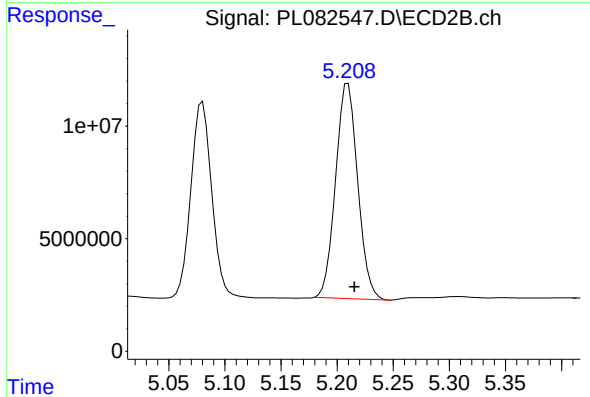
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.001 min
Response: 135215449
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

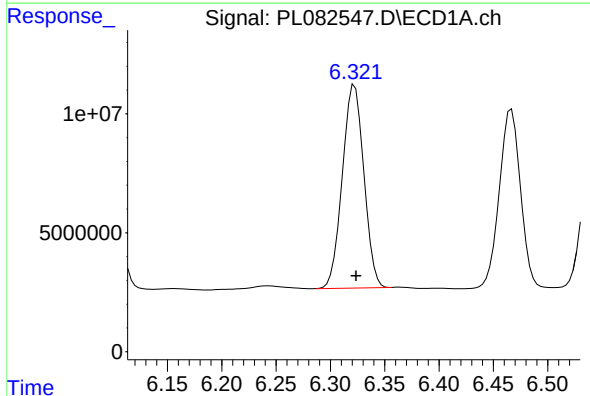
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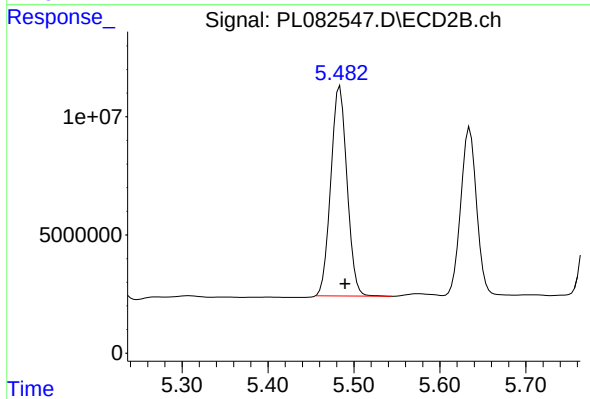
#13 Dieldrin

R.T.: 5.210 min
Delta R.T.: -0.006 min
Response: 130874531
Conc: 48.47 ng/ml



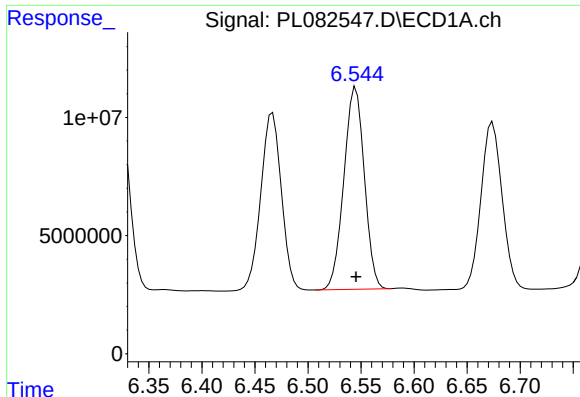
#14 Endrin

R.T.: 6.322 min
Delta R.T.: -0.001 min
Response: 117814886
Conc: 48.59 ng/ml



#14 Endrin

R.T.: 5.484 min
Delta R.T.: -0.006 min
Response: 116087480
Conc: 47.46 ng/ml



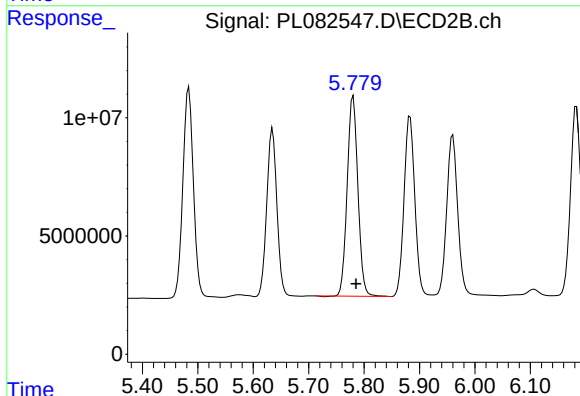
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 114611812
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

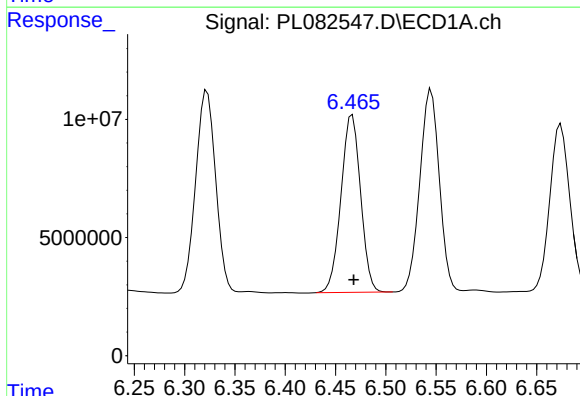
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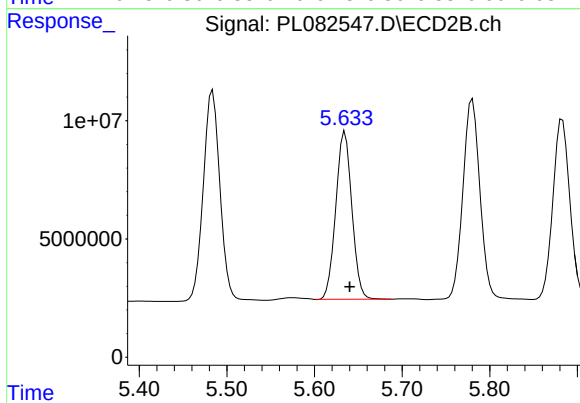
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 114142170
Conc: 50.64 ng/ml



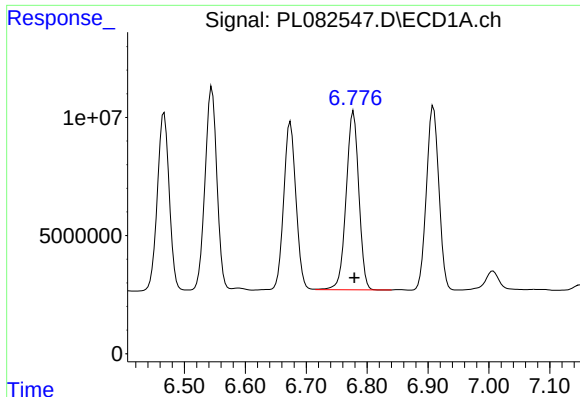
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 101624721
Conc: 50.13 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 90566303
Conc: 48.42 ng/ml



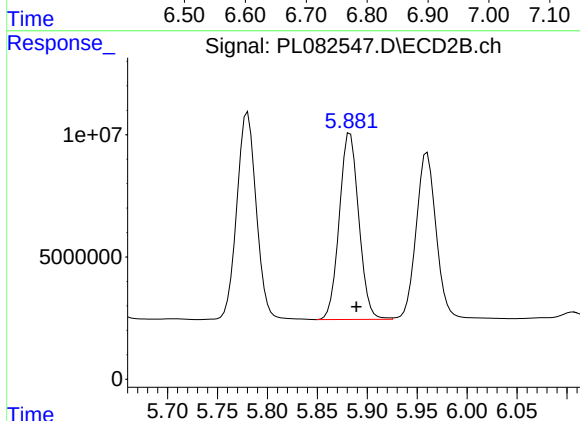
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 109172115
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

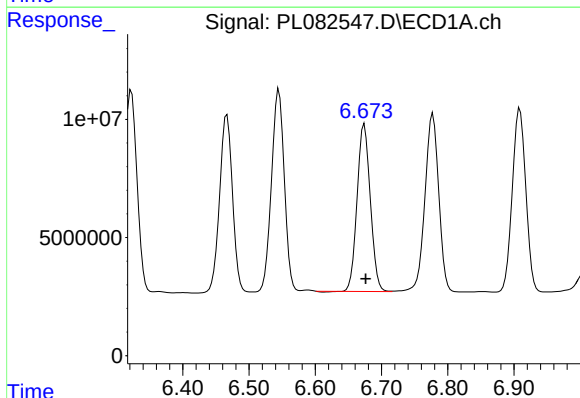
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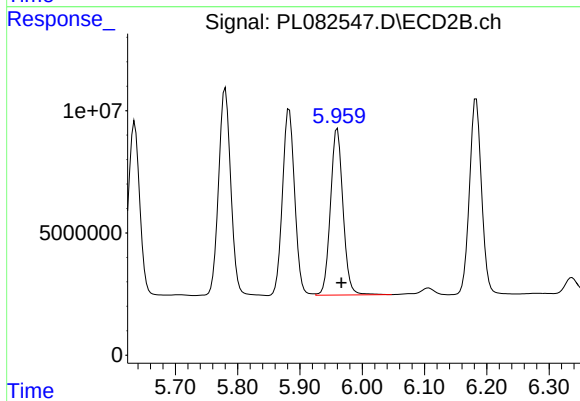
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 103480592
Conc: 48.98 ng/ml



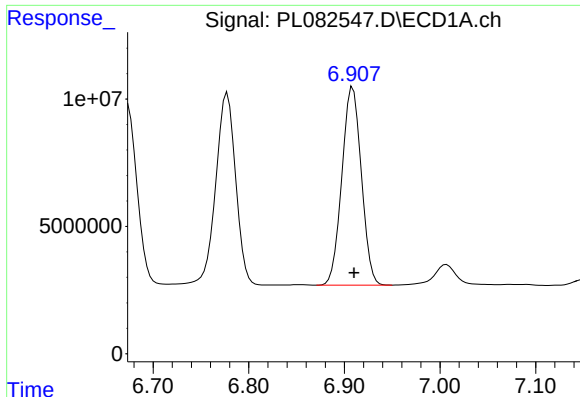
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 98068515
Conc: 52.05 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 95289435
Conc: 50.92 ng/ml



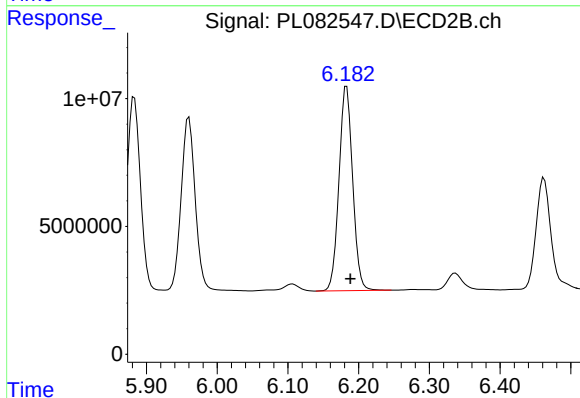
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 110406410
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

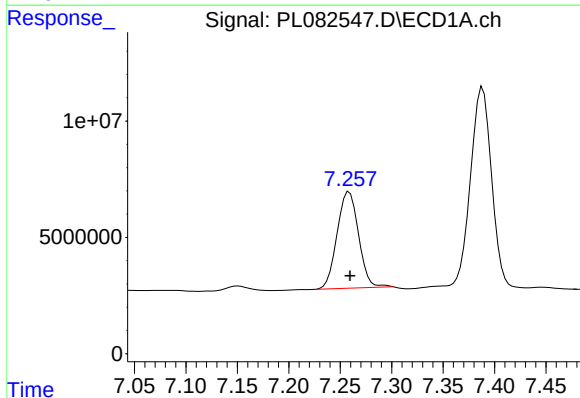
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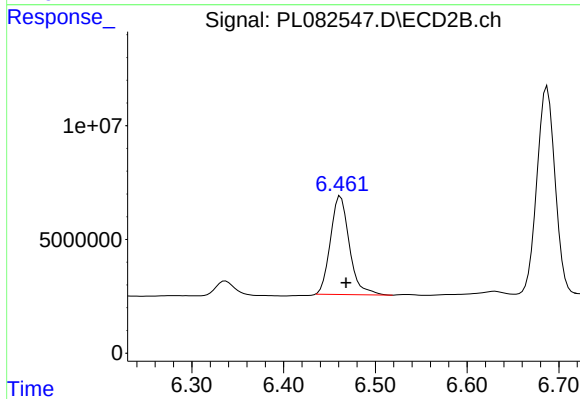
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 107377007
Conc: 45.61 ng/ml



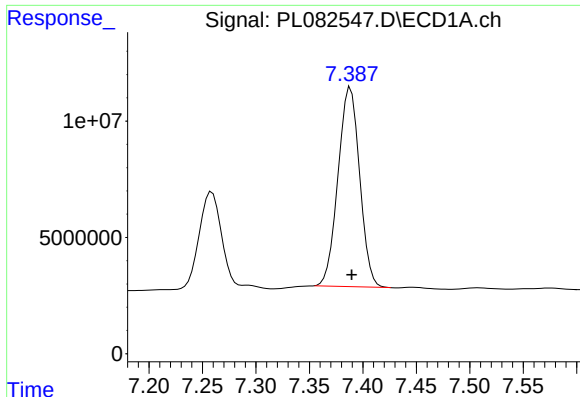
#20 Methoxychlor

R.T.: 7.259 min
Delta R.T.: 0.000 min
Response: 60365919
Conc: 49.47 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 62029666
Conc: 51.19 ng/ml



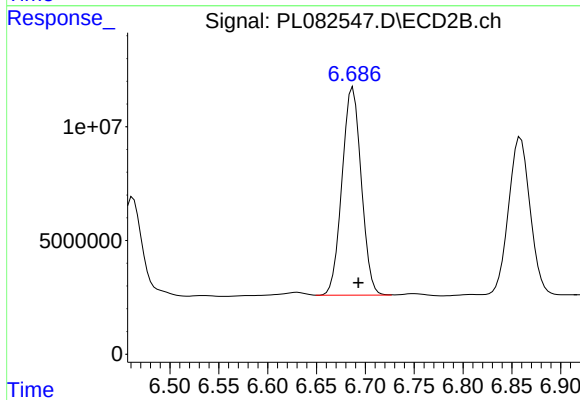
#21 Endrin ketone

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 120800713
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

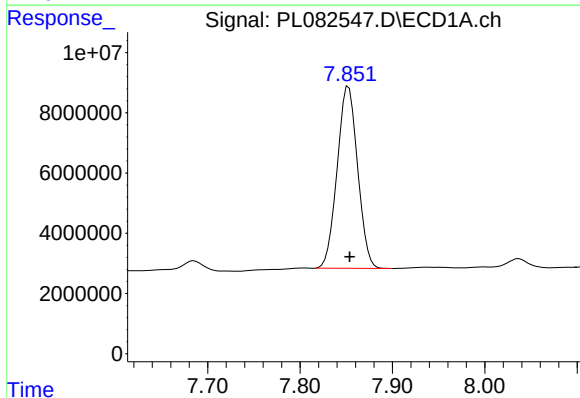
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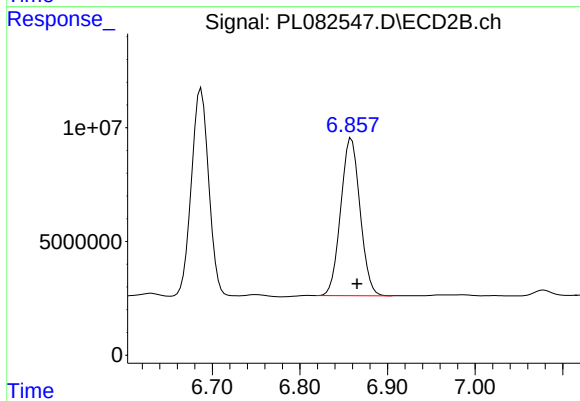
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 125354730
Conc: 49.39 ng/ml m



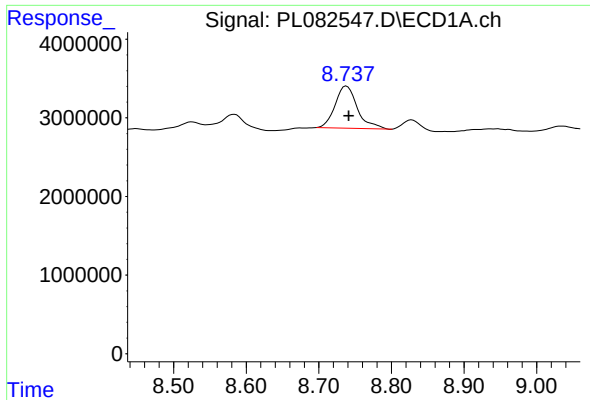
#22 Mirex

R.T.: 7.853 min
Delta R.T.: -0.001 min
Response: 93022746
Conc: 47.55 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: -0.008 min
Response: 106419287
Conc: 46.18 ng/ml m



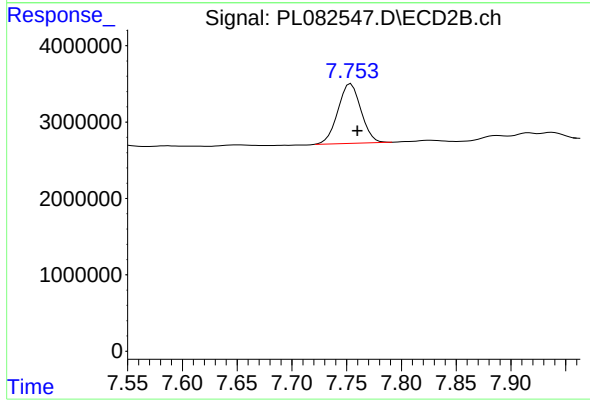
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 11389552
Conc: 5.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-227MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 11441166
Conc: 5.01 ng/ml