

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
 Data File : PL086414.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2023 19:48
 Operator : AR\AJ
 Sample : 05220-06MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Z-7(0-5)MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/04/2023
 Supervised By : mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 21:49:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.352	2.619	30699472	13784638	9.674	14.480 #
28)	SA Decachlor...	8.863	7.767	19195423	16164565	7.258m	14.092 #
Target Compounds							
2)	A alpha-BHC	3.805	3.116	170.6E6	58161026	36.154m	44.817
3)	MA gamma-BHC...	4.138	3.444	192.6E6	60495580	42.260	46.055
4)	MA Heptachlor	4.723	3.779	148.0E6	55301531	33.945m	42.629 #
5)	MB Aldrin	5.063	4.056	155.4E6	56514416	35.081m	44.348 #
6)	B beta-BHC	4.342	3.746	77022919	26402034	39.051	46.003
7)	B delta-BHC	4.585	3.971	176.6E6	58698980	40.468	46.437
8)	B Heptachlo...	5.495	4.561	139.8E6	48733573	36.155	40.763
9)	A Endosulfan I	5.877	4.928	123.0E6	45023597	33.452m	37.936
10)	B gamma-Chl...	5.750	4.812	172.1E6	64773158	43.371m	54.736 #
11)	B alpha-Chl...	5.830	4.874	165.7E6	56738887	41.630	45.420m
12)	B 4,4'-DDE	6.015	5.075	142.6E6	57879673	44.928	58.651 #
13)	MA Dieldrin	6.153	5.193	127.7E6	71238620	33.220m	59.655m#
14)	MA Endrin	6.383	5.467	109.2E6	47911101	32.718	43.479 #
15)	B Endosulfa...	6.606	5.765	111.0E6	49282974	34.476	45.721 #
16)	A 4,4'-DDD	6.532	5.631	165.7E6	58613032	69.873m	71.964
17)	MA 4,4'-DDT	6.847	5.881	103.1E6	48659576	39.508m	51.615 #
18)	B Endrin al...	6.737	5.946	88555783	35176820	36.382	41.713
19)	B Endosulfa...	6.973	6.171	107.7E6	45764844	34.893	43.409
20)	A Methoxychlor	7.333	6.469	61455609	37786395	44.308m	64.666 #
21)	B Endrin ke...	7.454	6.671	114.9E6	47574769	36.004m	38.146m
22)	Mirex	7.927	6.849	113.8E6	46732873	41.725	40.848

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110323\
Data File : PL086414.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Nov 2023 19:48
Operator : AR\AJ
Sample : 05220-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

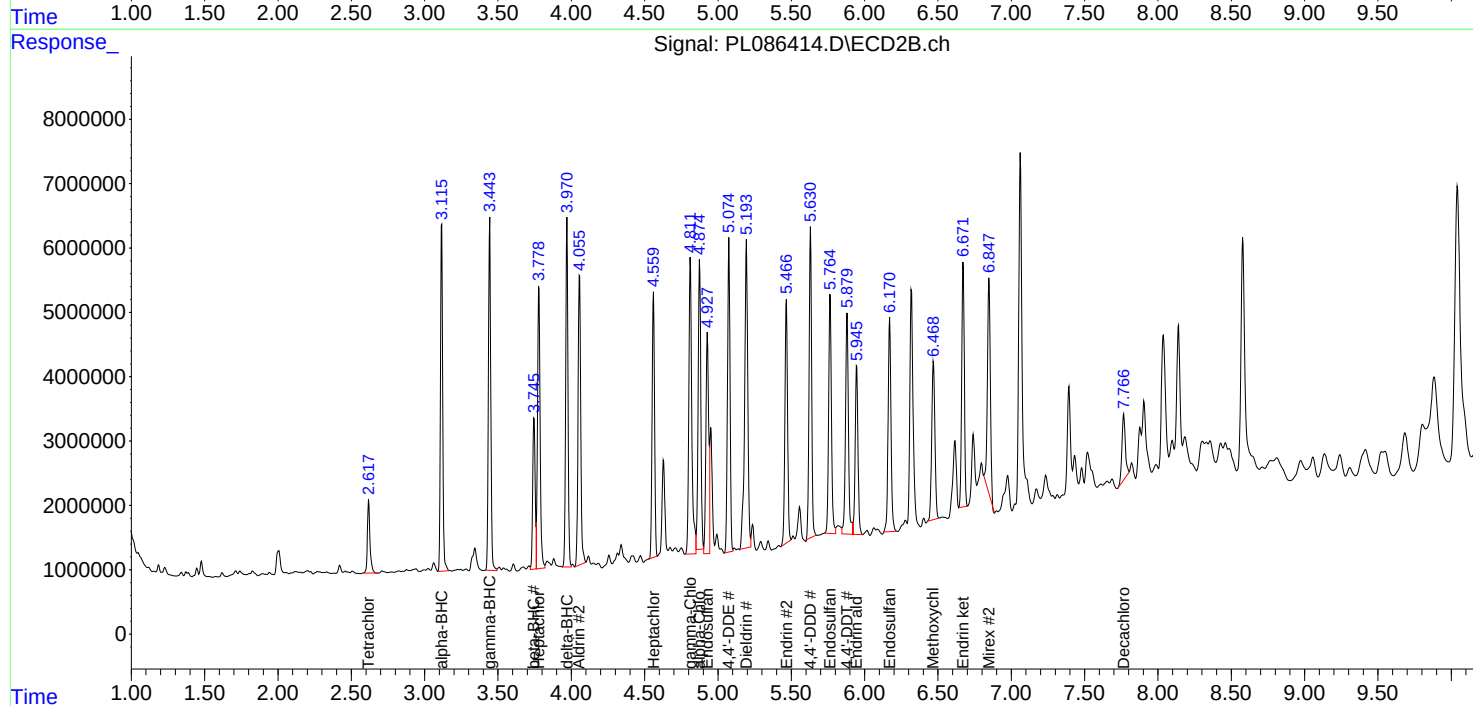
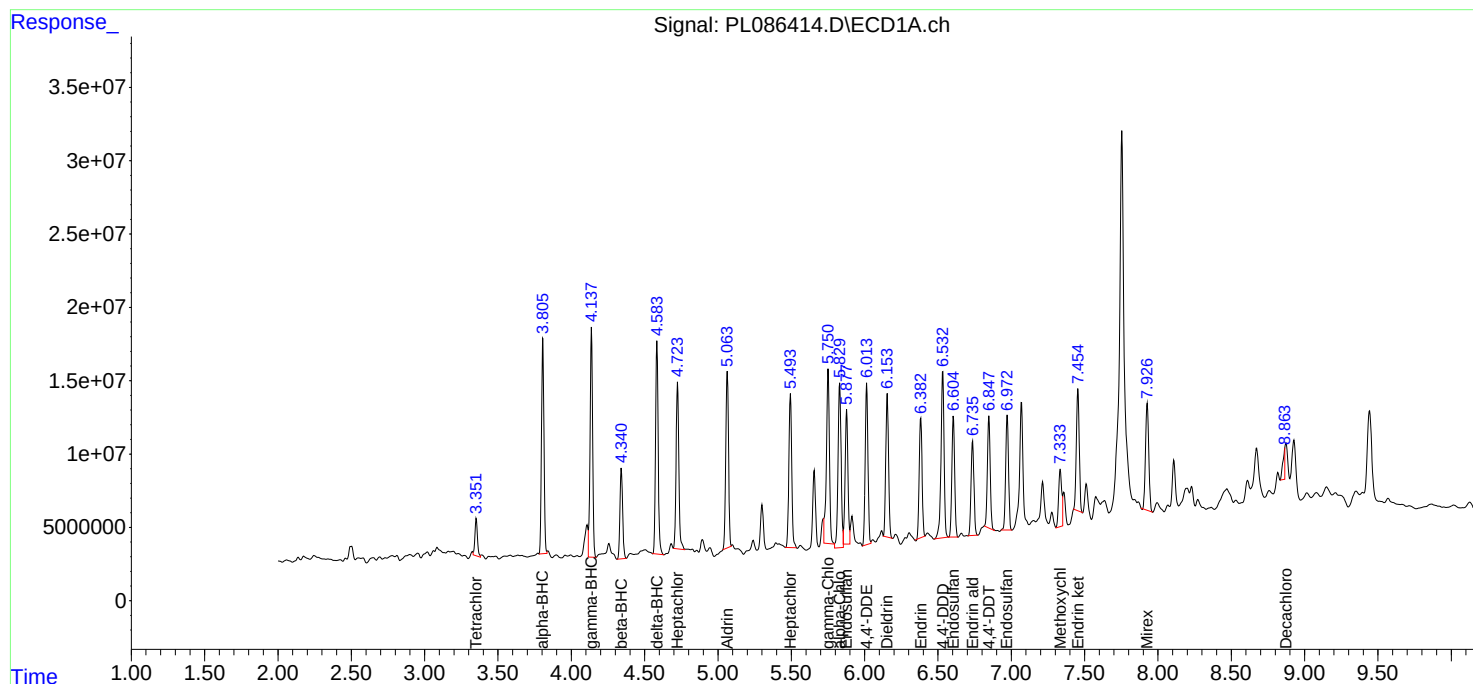
Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

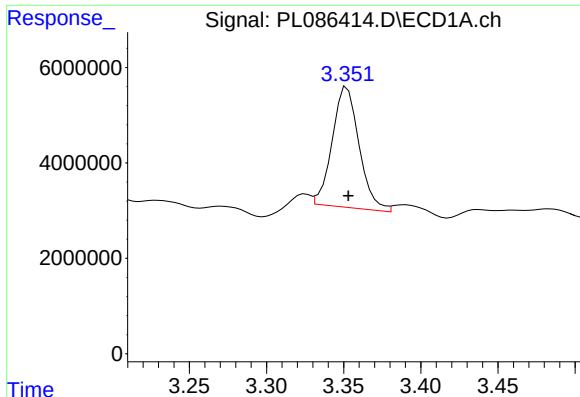
Manual Integrations
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Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 21:49:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 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





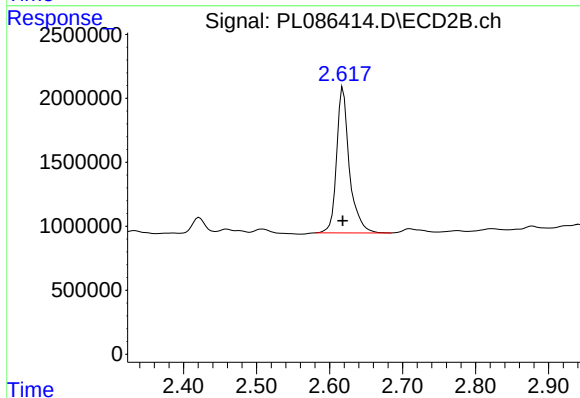
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 30699472
Conc: 9.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

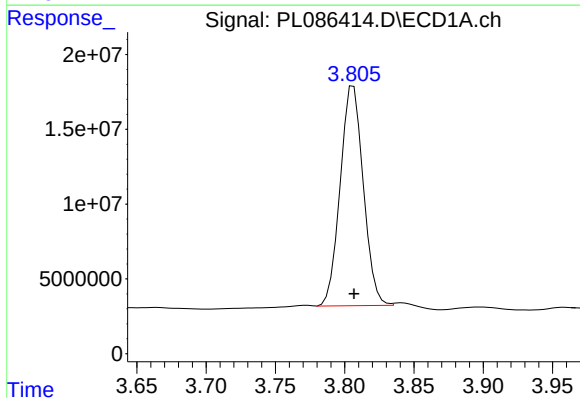
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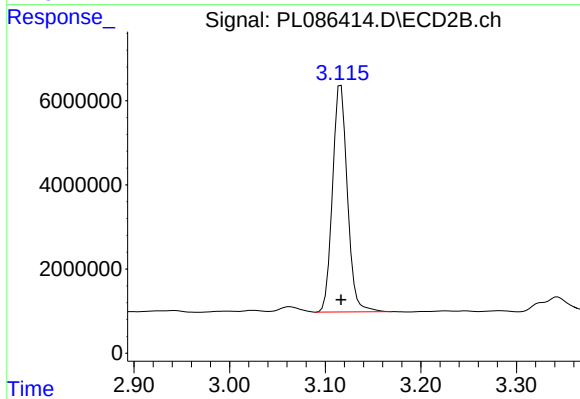
#1 Tetrachloro-m-xylene

R.T.: 2.619 min
Delta R.T.: 0.000 min
Response: 13784638
Conc: 14.48 ng/ml



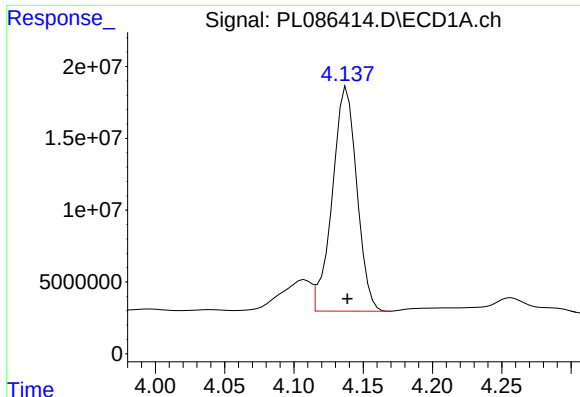
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: -0.002 min
Response: 170647682
Conc: 36.15 ng/ml m



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 58161026
Conc: 44.82 ng/ml



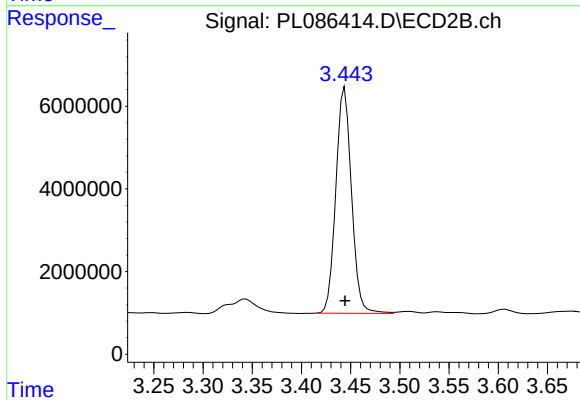
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 192557758
Conc: 42.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

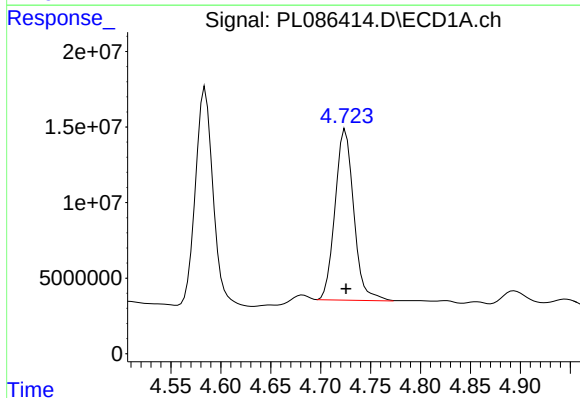
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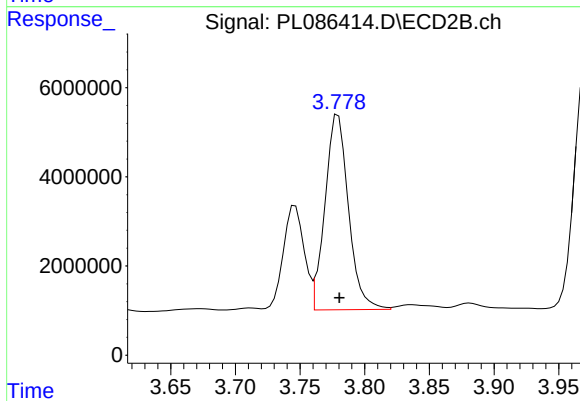
#3 gamma-BHC (Lindane)

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 60495580
Conc: 46.05 ng/ml



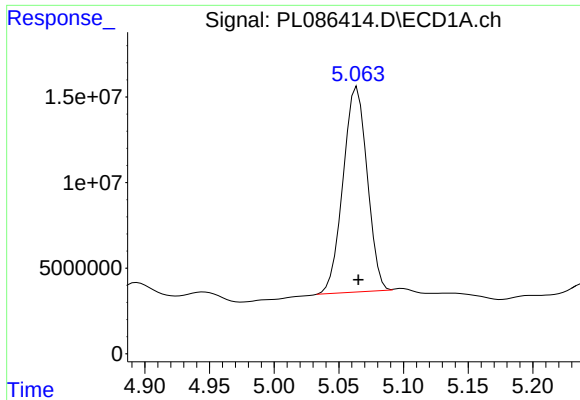
#4 Heptachlor

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 147960640
Conc: 33.95 ng/ml m



#4 Heptachlor

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 55301531
Conc: 42.63 ng/ml



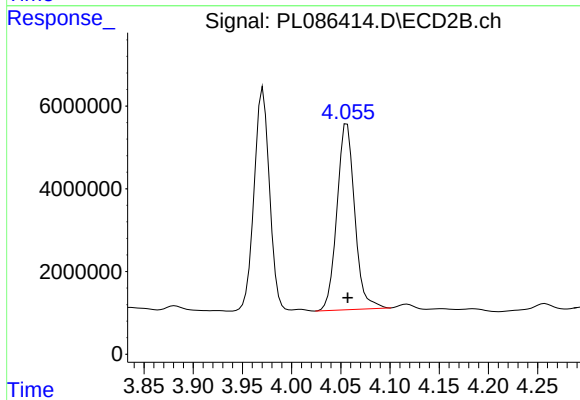
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 155362738
Conc: 35.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

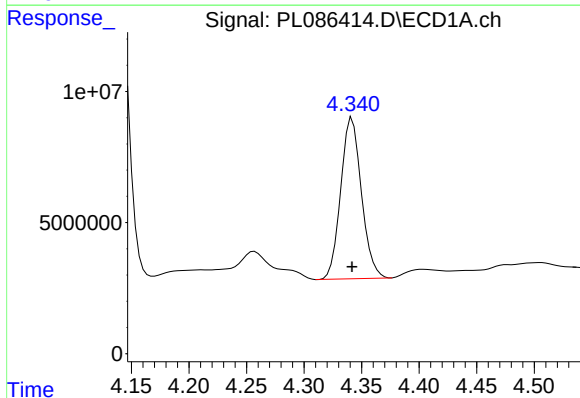
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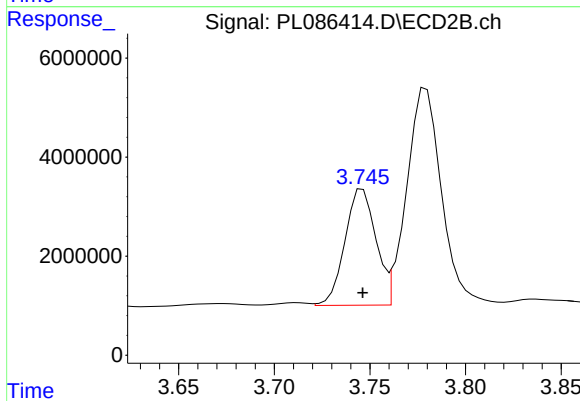
#5 Aldrin

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 56514416
Conc: 44.35 ng/ml



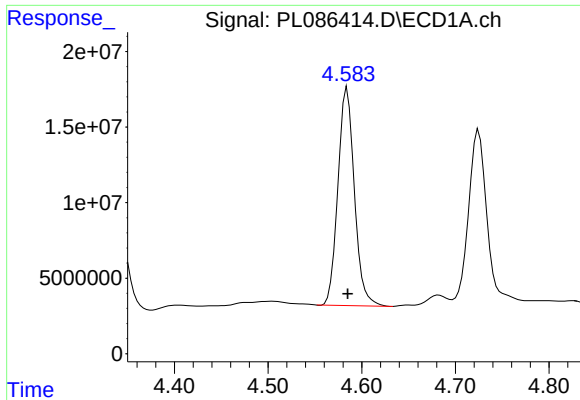
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 77022919
Conc: 39.05 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 26402034
Conc: 46.00 ng/ml



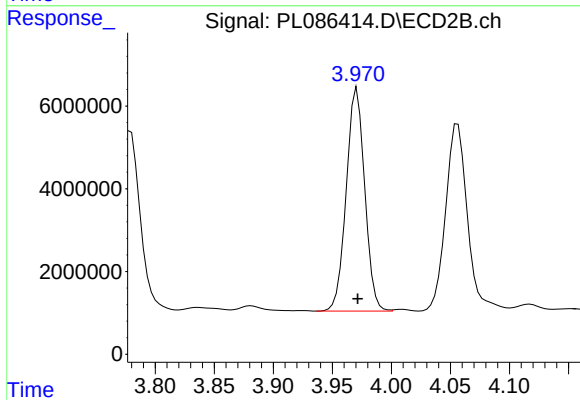
#7 delta-BHC

R.T.: 4.585 min
Delta R.T.: 0.000 min
Response: 176560803
Conc: 40.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

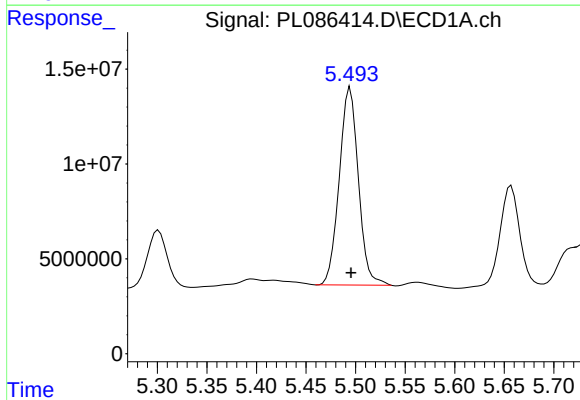
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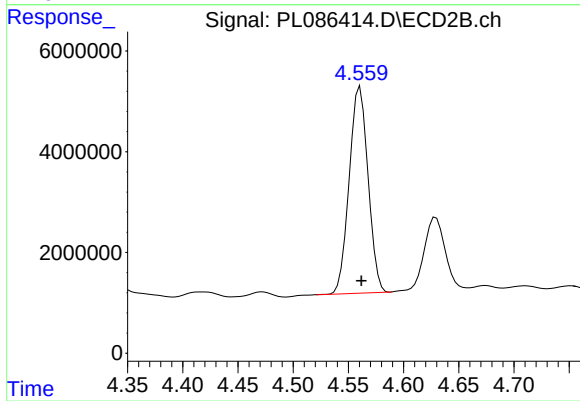
#7 delta-BHC

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 58698980
Conc: 46.44 ng/ml



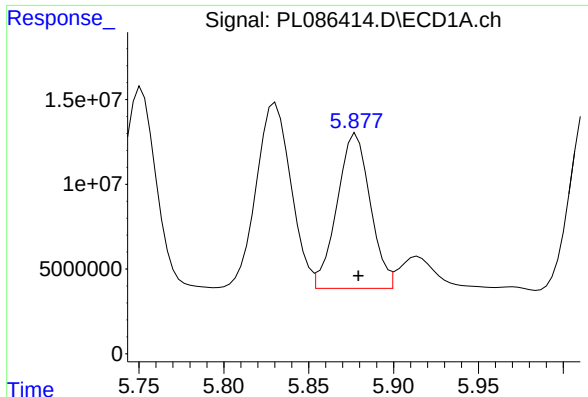
#8 Heptachlor epoxide

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 139833252
Conc: 36.15 ng/ml



#8 Heptachlor epoxide

R.T.: 4.561 min
Delta R.T.: -0.001 min
Response: 48733573
Conc: 40.76 ng/ml



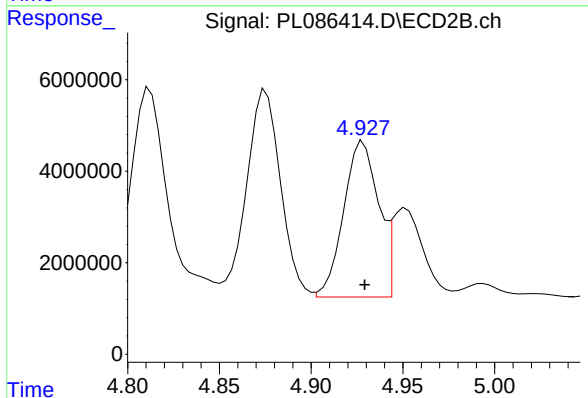
#9 Endosulfan I

R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 122964525
Conc: 33.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

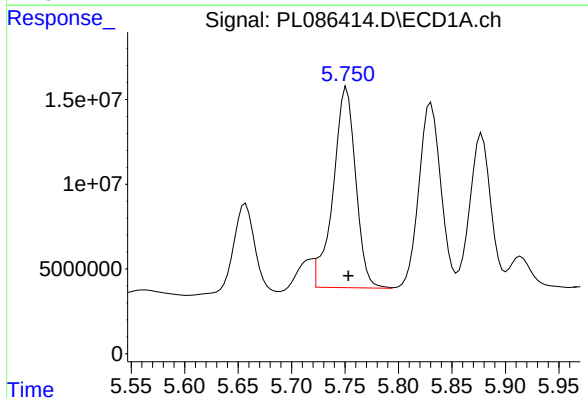
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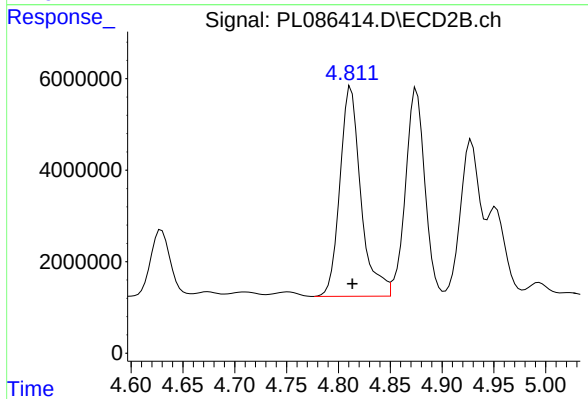
#9 Endosulfan I

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 45023597
Conc: 37.94 ng/ml



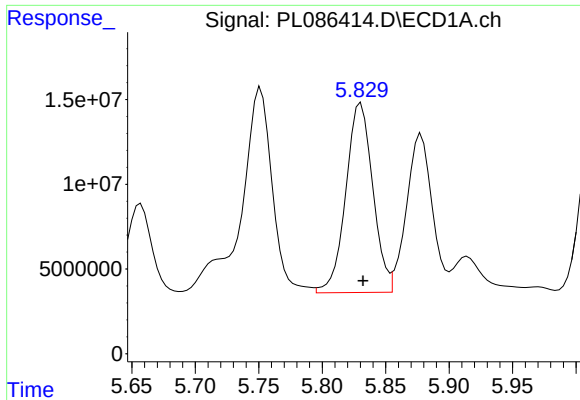
#10 gamma-Chlordane

R.T.: 5.750 min
Delta R.T.: -0.003 min
Response: 172085913
Conc: 43.37 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.001 min
Response: 64773158
Conc: 54.74 ng/ml



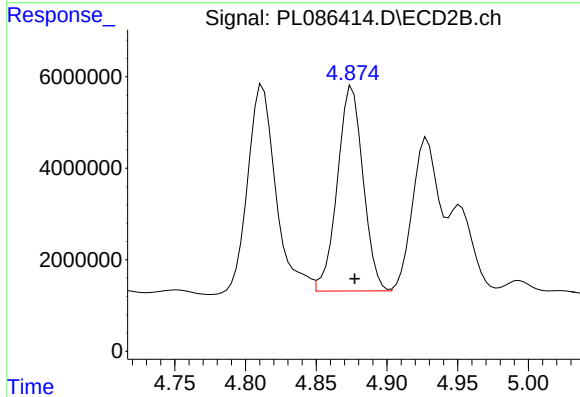
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 165705865
Conc: 41.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

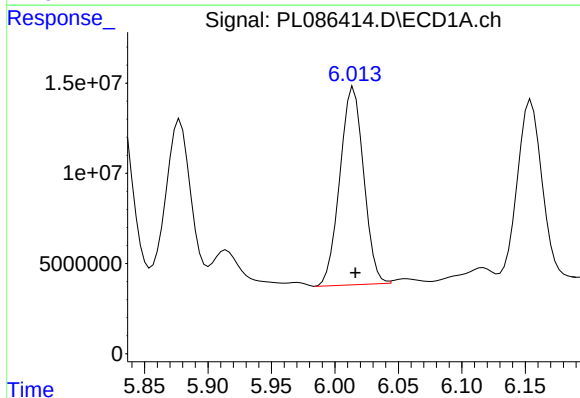
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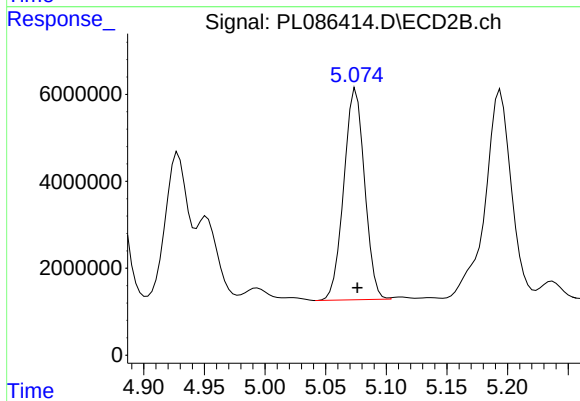
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.003 min
Response: 56738887
Conc: 45.42 ng/ml m



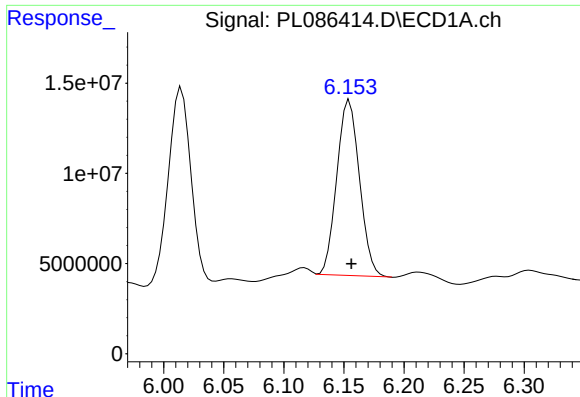
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.001 min
Response: 142583919
Conc: 44.93 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 57879673
Conc: 58.65 ng/ml



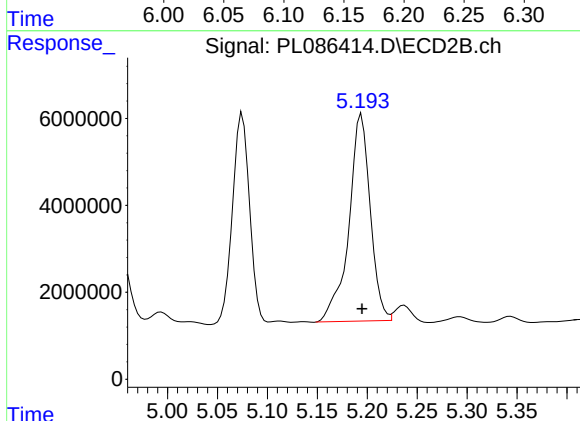
#13 Dieldrin

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 127727080
Conc: 33.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

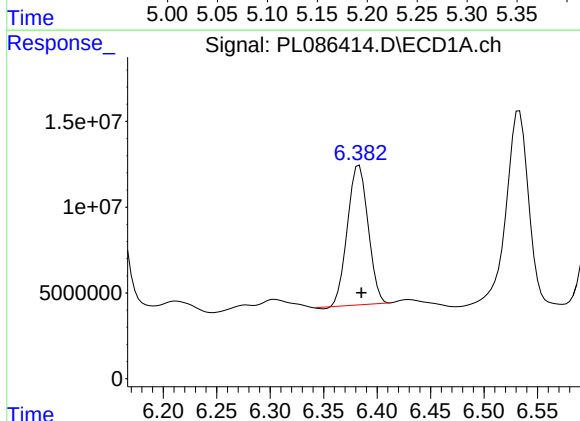
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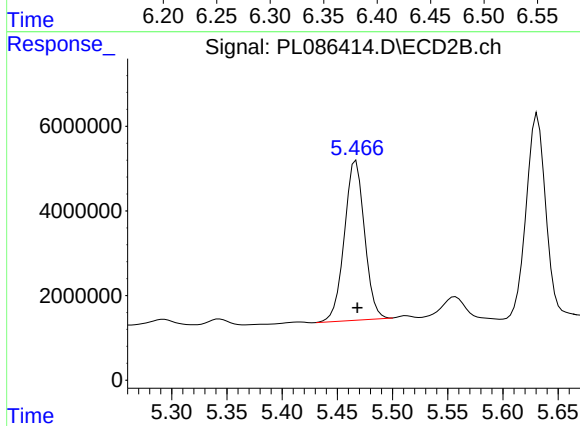
#13 Dieldrin

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 71238620
Conc: 59.66 ng/ml m



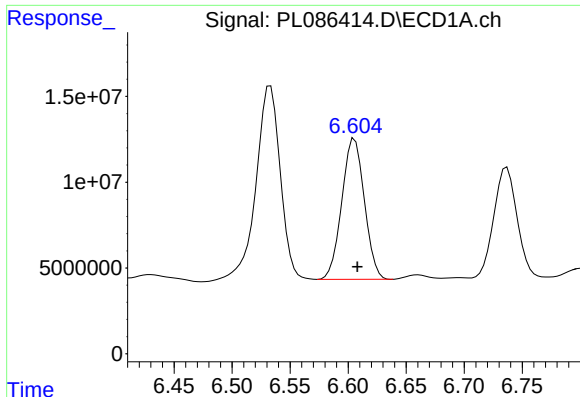
#14 Endrin

R.T.: 6.383 min
Delta R.T.: -0.002 min
Response: 109219458
Conc: 32.72 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 47911101
Conc: 43.48 ng/ml



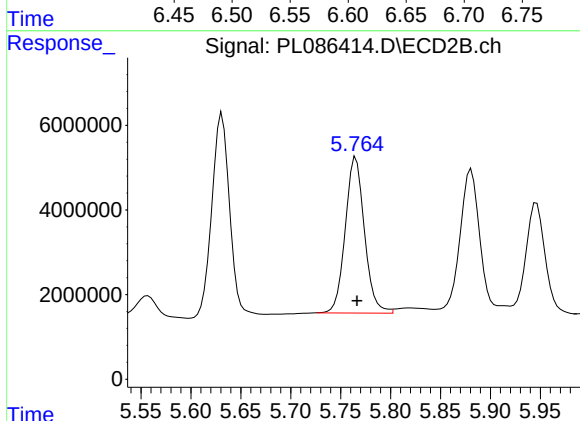
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: -0.002 min
Response: 111030081
Conc: 34.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

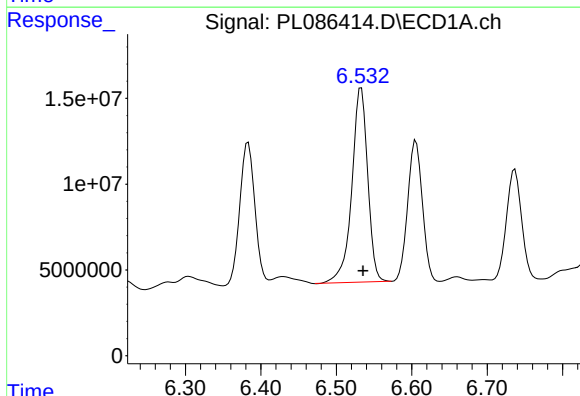
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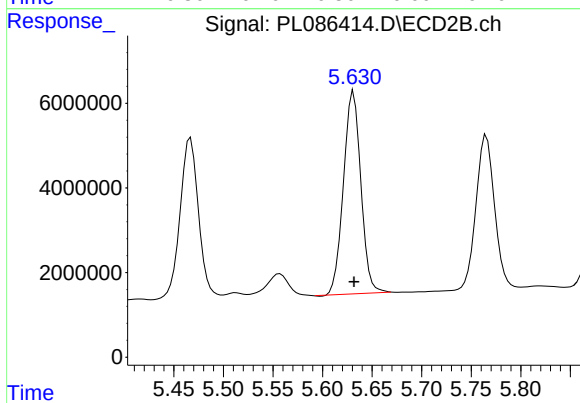
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 49282974
Conc: 45.72 ng/ml



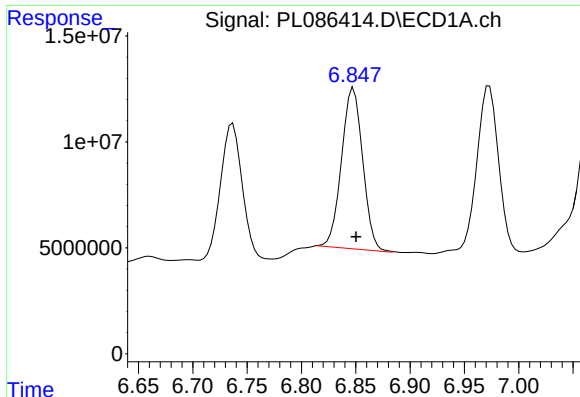
#16 4,4'-DDD

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 165724131
Conc: 69.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 58613032
Conc: 71.96 ng/ml



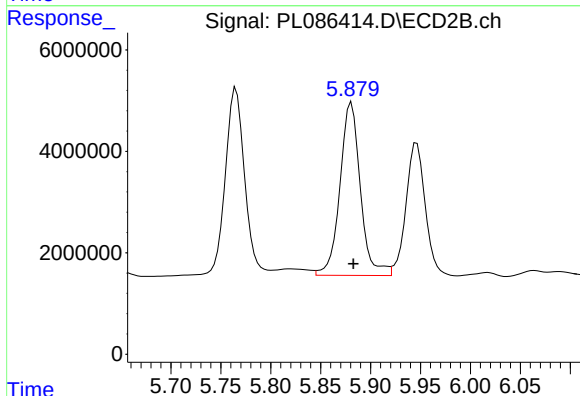
#17 4,4'-DDT

R.T.: 6.847 min
Delta R.T.: -0.004 min
Response: 103073952
Conc: 39.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

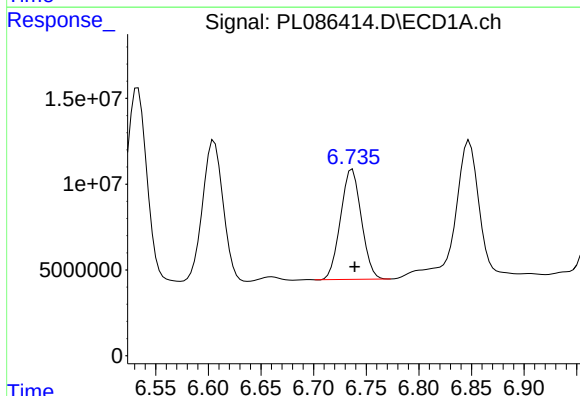
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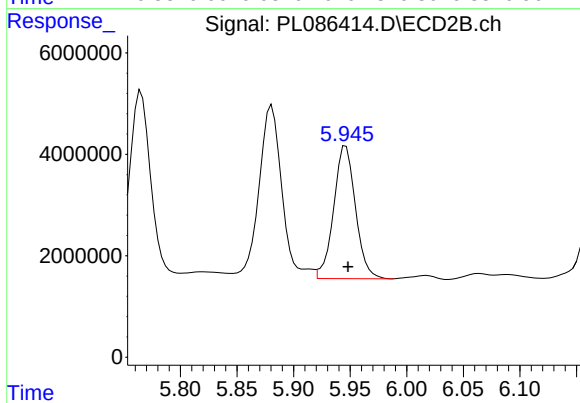
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.002 min
Response: 48659576
Conc: 51.61 ng/ml



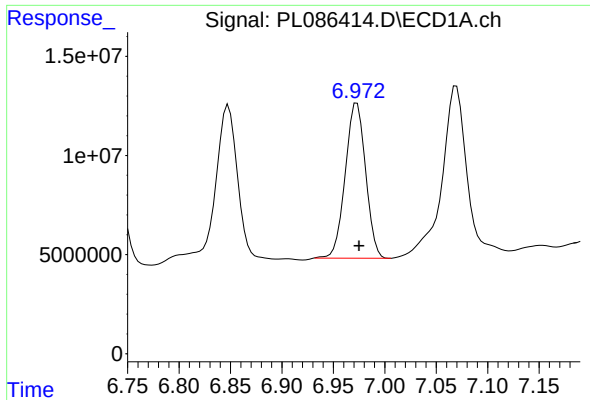
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 88555783
Conc: 36.38 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 35176820
Conc: 41.71 ng/ml



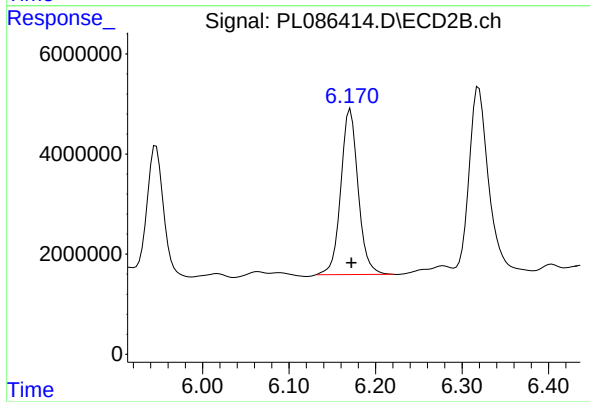
#19 Endosulfan Sulfate

R.T.: 6.973 min
Delta R.T.: -0.002 min
Response: 107747693
Conc: 34.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

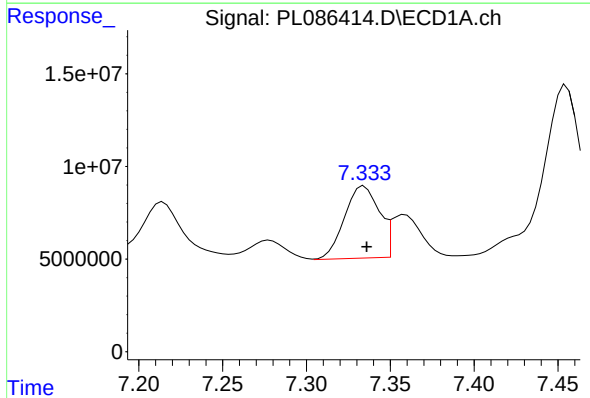
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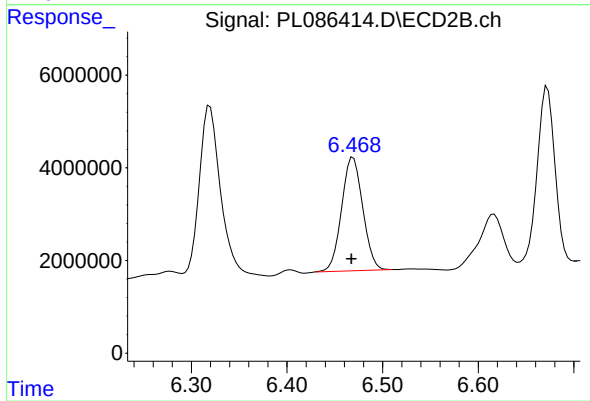
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.001 min
Response: 45764844
Conc: 43.41 ng/ml



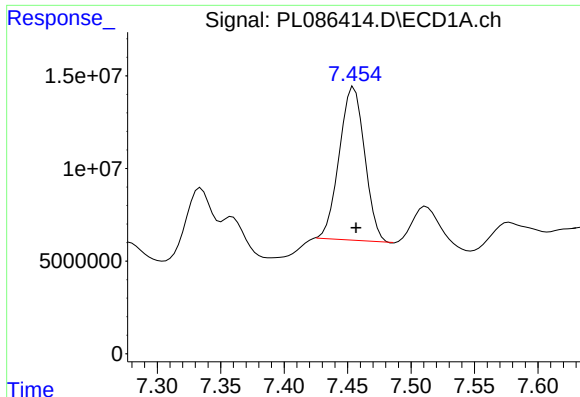
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.003 min
Response: 61455609
Conc: 44.31 ng/ml m



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: 0.002 min
Response: 37786395
Conc: 64.67 ng/ml



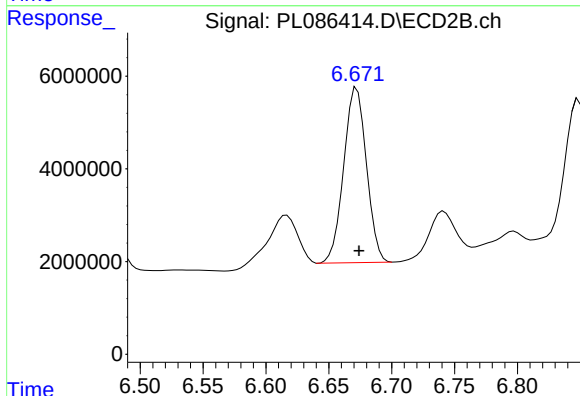
#21 Endrin ketone

R.T.: 7.454 min
Delta R.T.: -0.003 min
Response: 114903448
Conc: 36.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

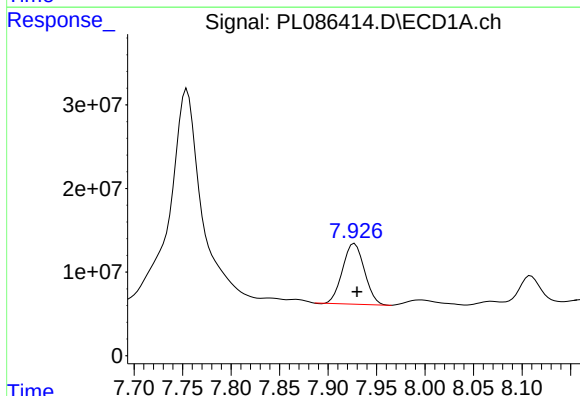
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



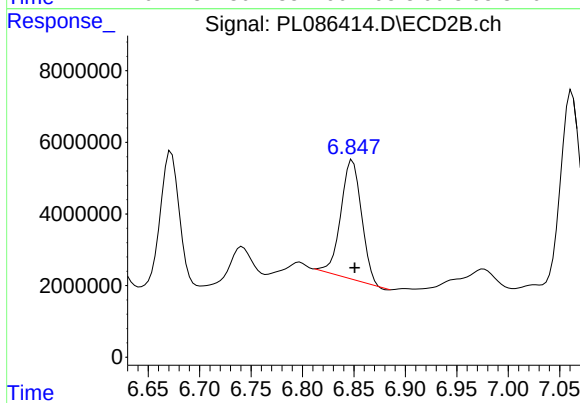
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 47574769
Conc: 38.15 ng/ml m



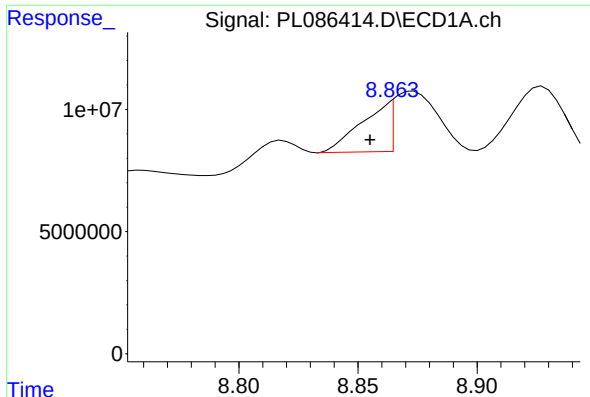
#22 Mirex

R.T.: 7.927 min
Delta R.T.: -0.003 min
Response: 113841886
Conc: 41.73 ng/ml



#22 Mirex

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 46732873
Conc: 40.85 ng/ml



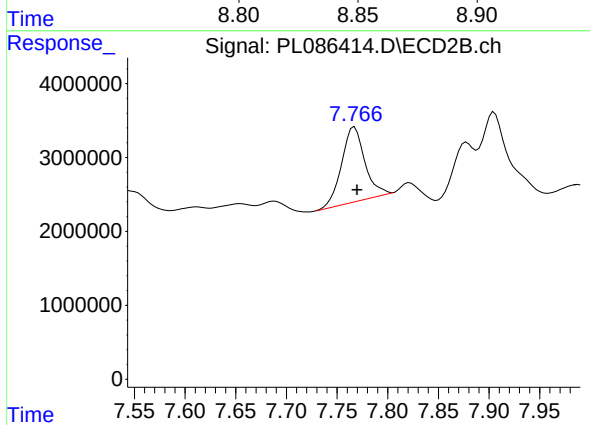
#28 Decachlorobiphenyl

R.T.: 8.863 min
Delta R.T.: 0.008 min
Response: 19195423
Conc: 7.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
Z-7(0-5)MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: -0.003 min
Response: 16164565
Conc: 14.09 ng/ml