

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082433.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 13:37
 Operator : AR\AJ
 Sample : 02569-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-339MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:47:02 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...	3.324	2.647	47867738	36810243	17.920	15.889
28)	SA Decachlor...	8.746	7.759	30893071	32324428	16.182	14.162
Target Compounds							
2)	A alpha-BHC	3.773	3.145	177.8E6	134.6E6	44.673	39.561
3)	MA gamma-BHC...	4.100	3.470	170.1E6	134.4E6	45.489m	41.796m
4)	MA Heptachlor	4.679	3.801	158.0E6	131.7E6	43.251m	38.470m
5)	MB Aldrin	5.017	4.080	151.2E6	136.5E6	45.837	43.326
6)	B beta-BHC	4.305	3.770	75237949	64808540	44.115	47.500m
7)	B delta-BHC	4.546	3.997	132.5E6	102.4E6	36.823	33.392
8)	B Heptachlo...	5.444	4.582	131.9E6	115.1E6	43.226	39.967
9)	A Endosulfan I	5.825	4.950	122.1E6	101.8E6	44.048	38.134
10)	B gamma-Chl...	5.699	4.831	135.9E6	114.7E6	45.186	39.533
11)	B alpha-Chl...	5.776	4.893	133.9E6	114.3E6	44.874	39.392
12)	B 4,4'-DDE	5.956	5.084	109.3E6	98836641	43.002	42.992
13)	MA Dieldrin	6.099	5.213	124.2E6	113.3E6	45.021	41.953
14)	MA Endrin	6.327	5.488	107.5E6	98480673	44.322	40.263
15)	B Endosulfa...	6.548	5.785	107.0E6	103.5E6	43.933m	45.937
16)	A 4,4'-DDD	6.471	5.639	92776140	78334182	45.766	41.881
17)	MA 4,4'-DDT	6.782	5.888	98848146	88545126	43.208	41.913
18)	B Endrin al...	6.678	5.965	90127507	79689907	47.834m	42.584
19)	B Endosulfa...	6.913	6.188	100.4E6	92427889	42.351	39.260
20)	A Methoxychlor	7.262	6.466	53375603	55233518	43.739m	45.578m
21)	B Endrin ke...	7.393	6.693	115.1E6	104.1E6	48.073	41.010
22)	Mirex	7.858	6.864	83507537	86829707	42.686	37.682

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082433.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 13:37
Operator : AR\AJ
Sample : 02569-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ETGI-339MS

Manual Integrations

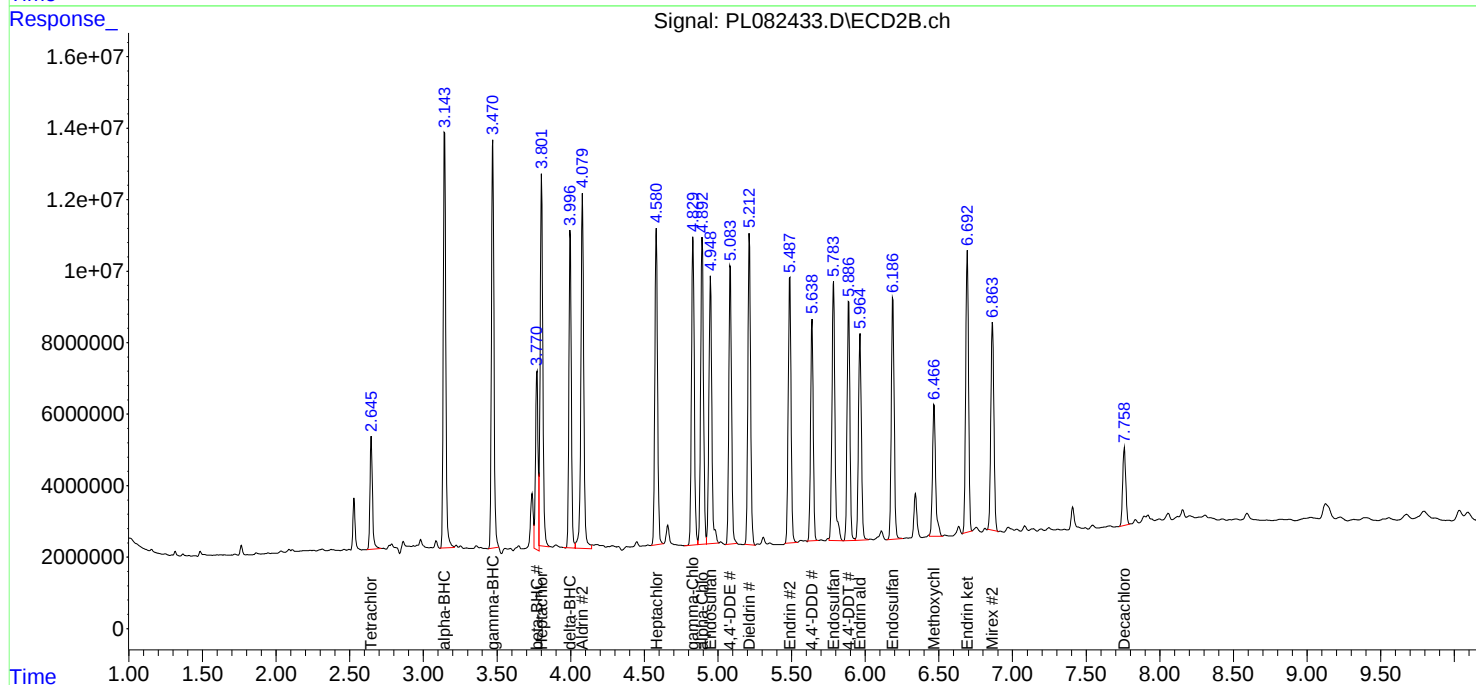
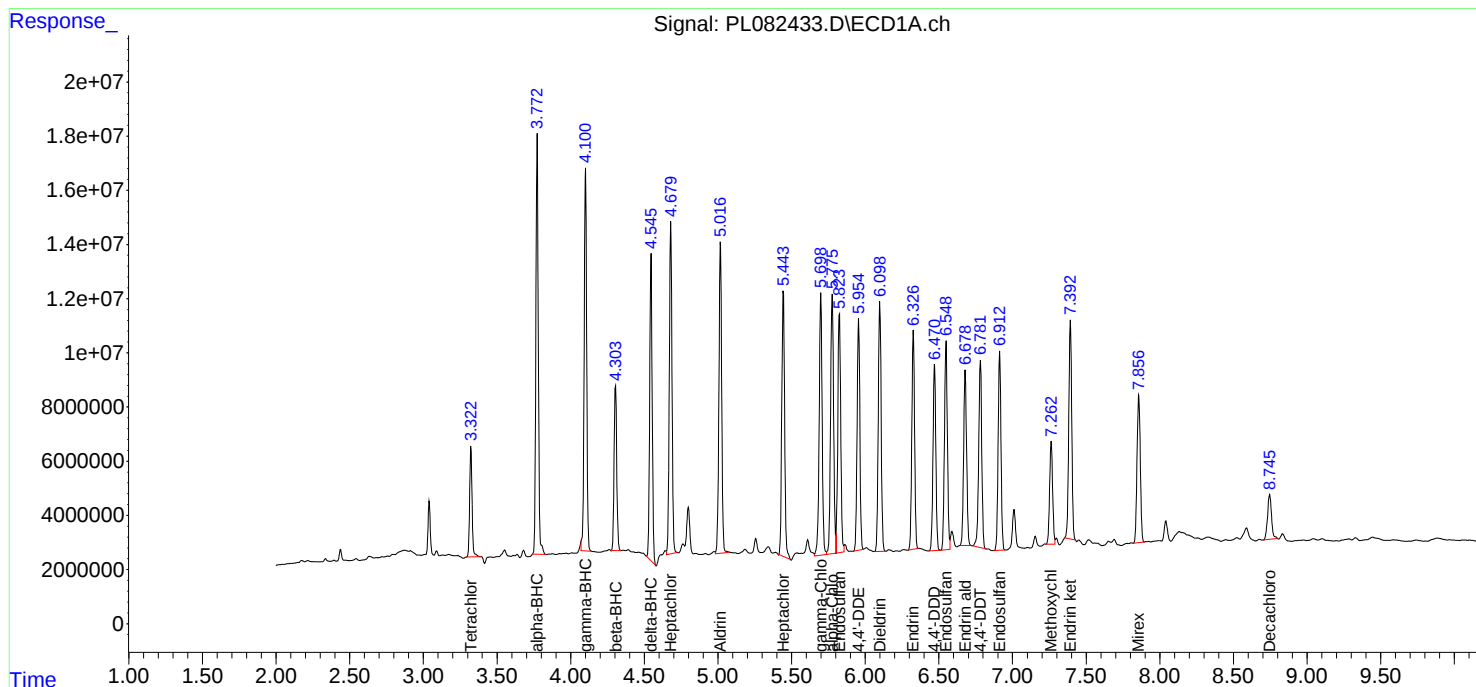
APPROVED

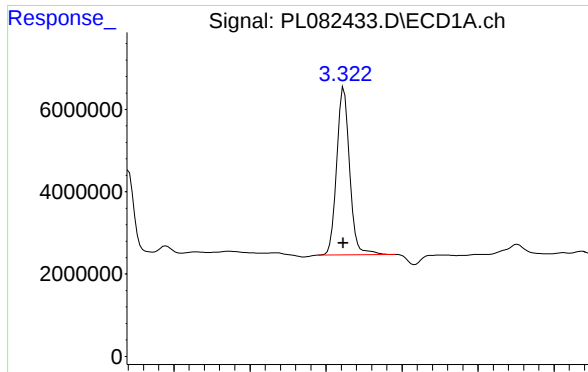
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:47:02 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





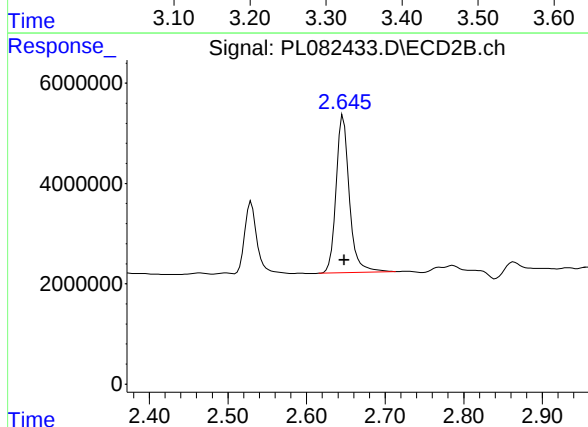
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 47867738
Conc: 17.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

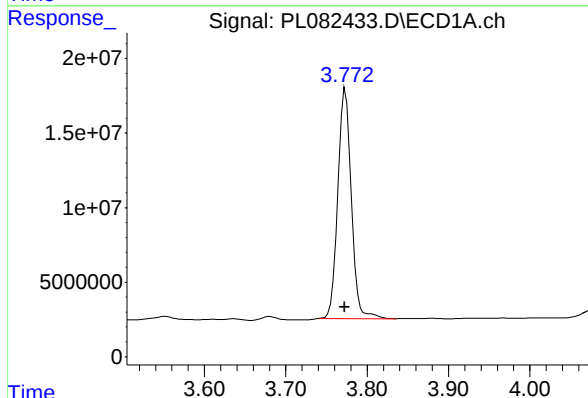
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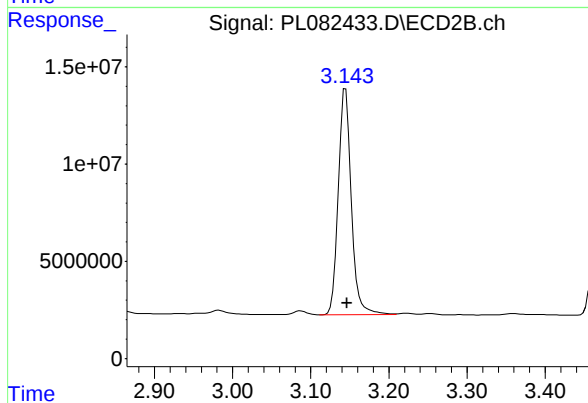
#1 Tetrachloro-m-xylene

R.T.: 2.647 min
Delta R.T.: -0.002 min
Response: 36810243
Conc: 15.89 ng/ml



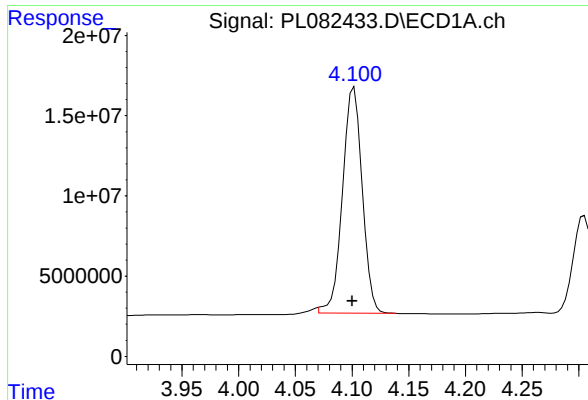
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.001 min
Response: 177809945
Conc: 44.67 ng/ml



#2 alpha-BHC

R.T.: 3.145 min
Delta R.T.: -0.002 min
Response: 134646003
Conc: 39.56 ng/ml



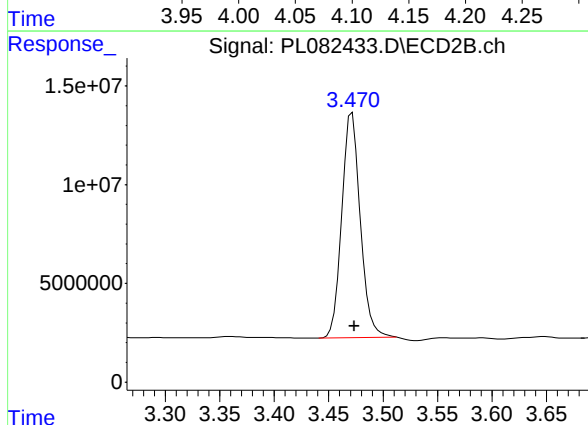
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 170081587
Conc: 45.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

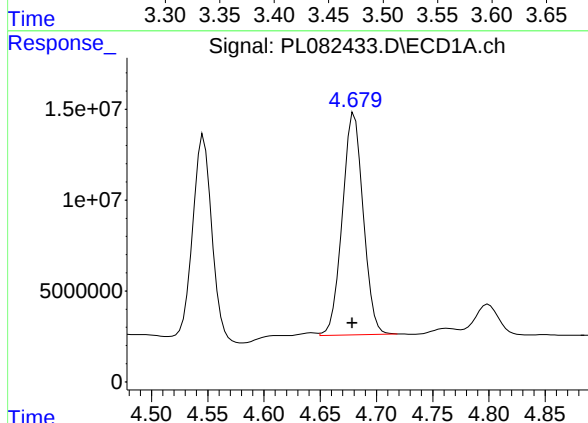
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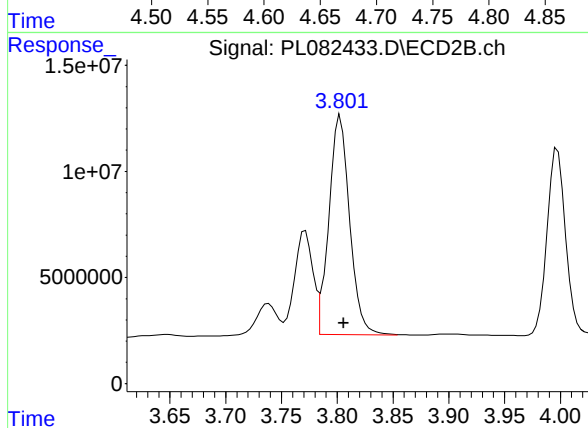
#3 gamma-BHC (Lindane)

R.T.: 3.470 min
Delta R.T.: -0.003 min
Response: 134385896
Conc: 41.80 ng/ml



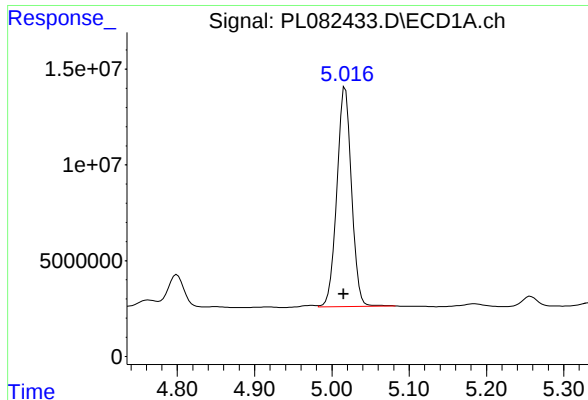
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 158036547
Conc: 43.25 ng/ml



#4 Heptachlor

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 131690943
Conc: 38.47 ng/ml



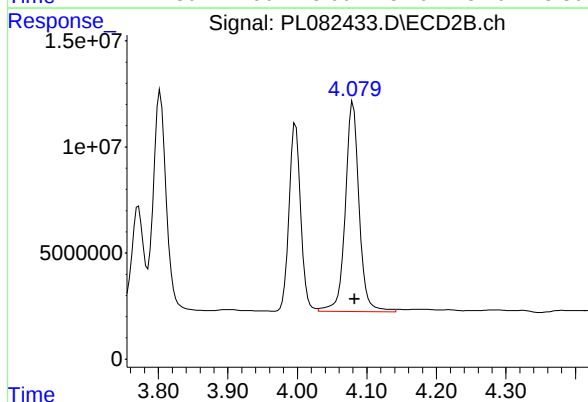
#5 Aldrin

R.T.: 5.017 min
Delta R.T.: 0.002 min
Response: 151150414
Conc: 45.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

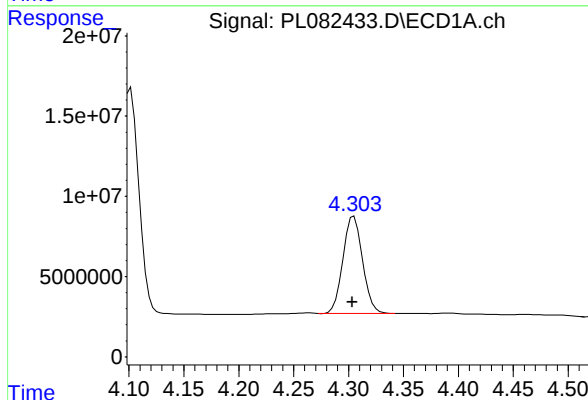
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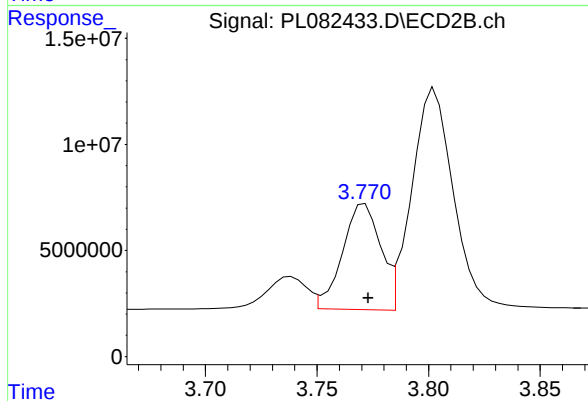
#5 Aldrin

R.T.: 4.080 min
Delta R.T.: -0.002 min
Response: 136469710
Conc: 43.33 ng/ml



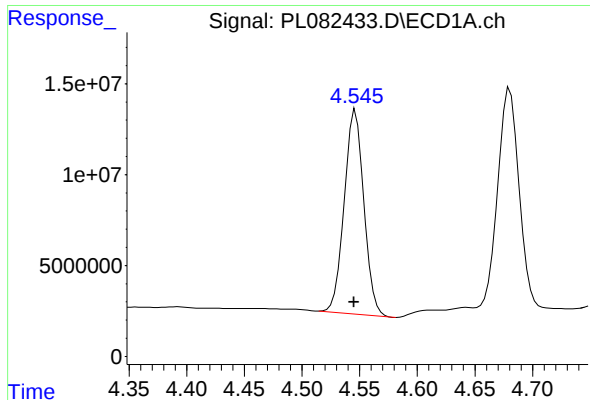
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: 0.001 min
Response: 75237949
Conc: 44.11 ng/ml



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 64808540
Conc: 47.50 ng/ml m



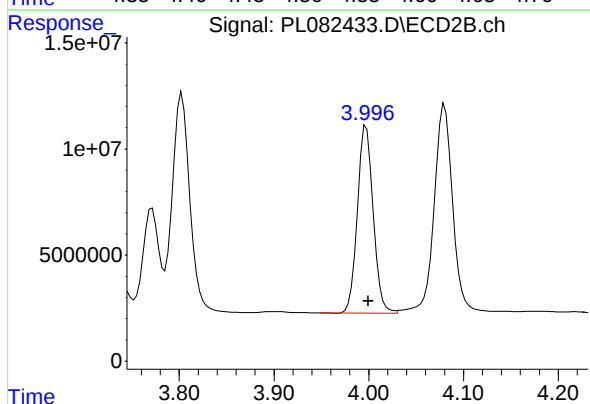
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.001 min
Response: 132482172
Conc: 36.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

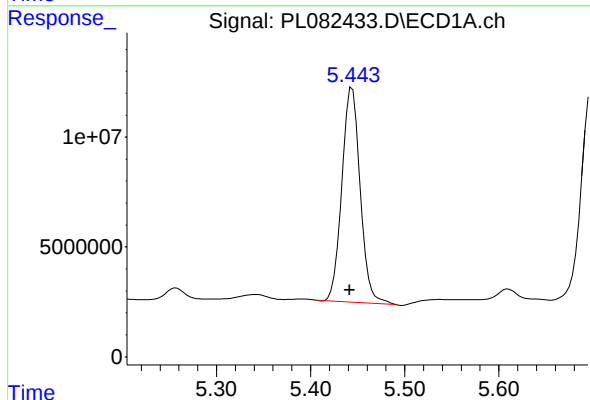
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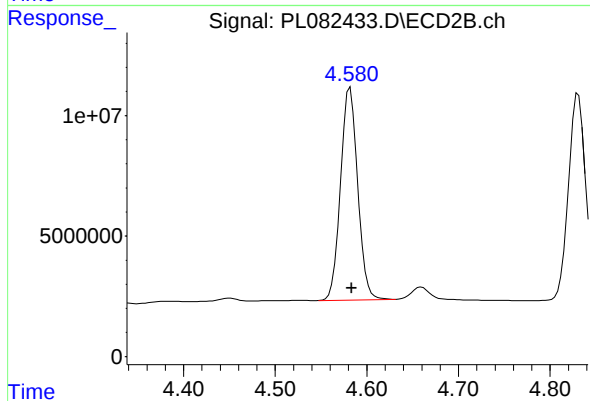
#7 delta-BHC

R.T.: 3.997 min
Delta R.T.: -0.002 min
Response: 102425392
Conc: 33.39 ng/ml



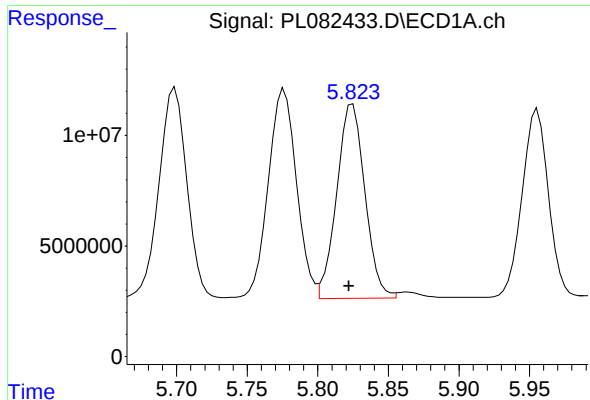
#8 Heptachlor epoxide

R.T.: 5.444 min
Delta R.T.: 0.003 min
Response: 131854021
Conc: 43.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.582 min
Delta R.T.: -0.002 min
Response: 115140950
Conc: 39.97 ng/ml



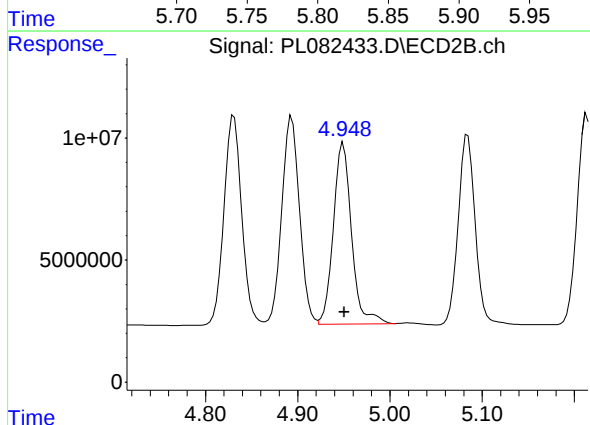
#9 Endosulfan I

R.T.: 5.825 min
Delta R.T.: 0.003 min
Response: 122133615
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

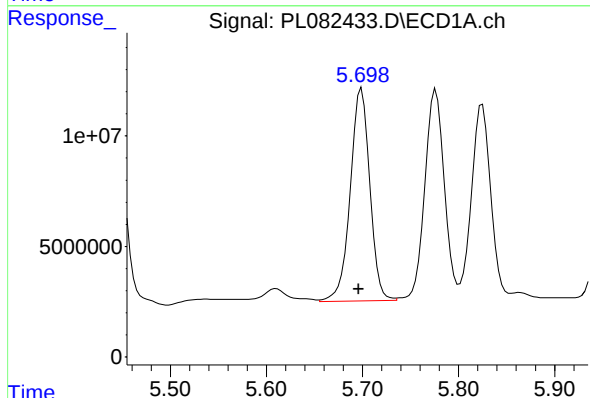
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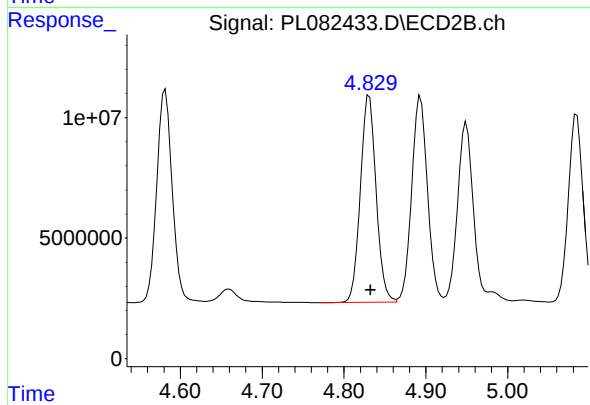
#9 Endosulfan I

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 101797154
Conc: 38.13 ng/ml



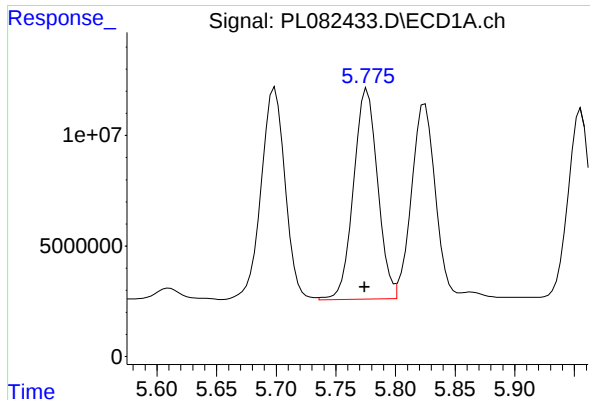
#10 gamma-Chlordane

R.T.: 5.699 min
Delta R.T.: 0.003 min
Response: 135867584
Conc: 45.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 114717528
Conc: 39.53 ng/ml



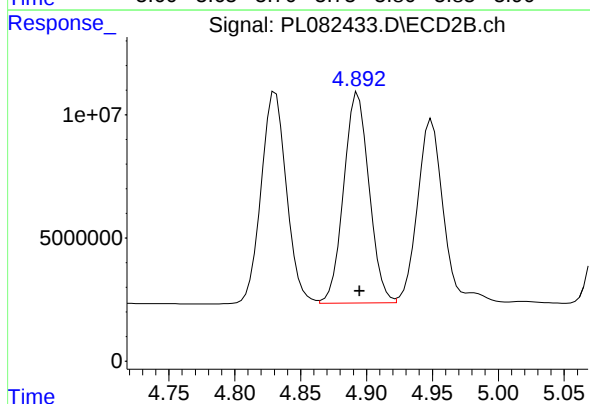
#11 alpha-Chlordane

R.T.: 5.776 min
Delta R.T.: 0.002 min
Response: 133931903
Conc: 44.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

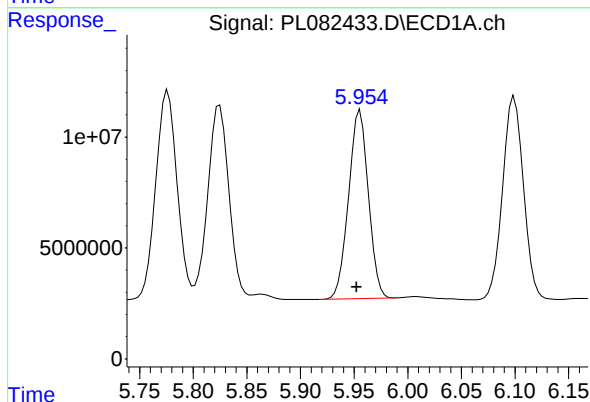
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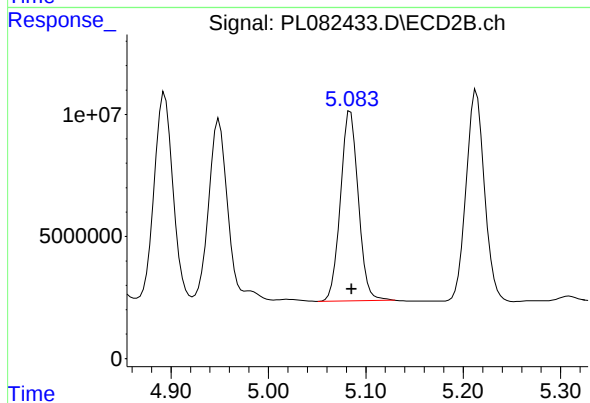
#11 alpha-Chlordane

R.T.: 4.893 min
Delta R.T.: -0.002 min
Response: 114347790
Conc: 39.39 ng/ml



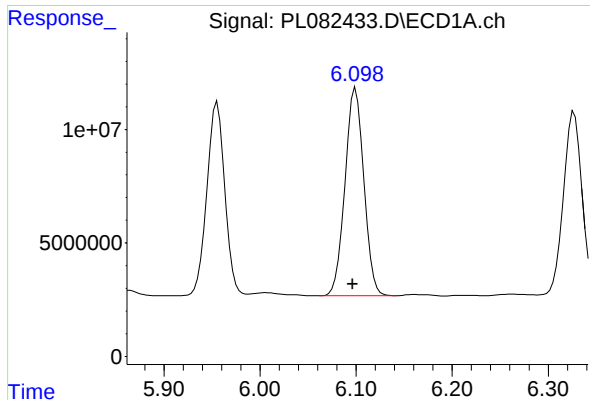
#12 4,4'-DDE

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 109313374
Conc: 43.00 ng/ml



#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 98836641
Conc: 42.99 ng/ml



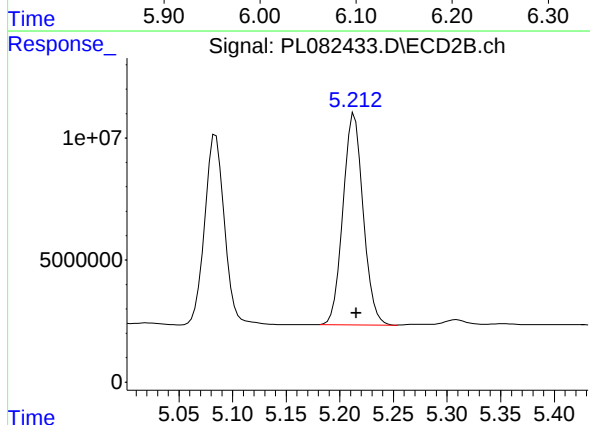
#13 Dieldrin

R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 124217369
Conc: 45.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

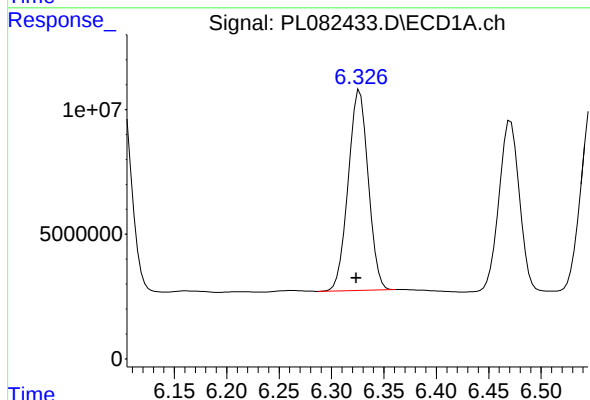
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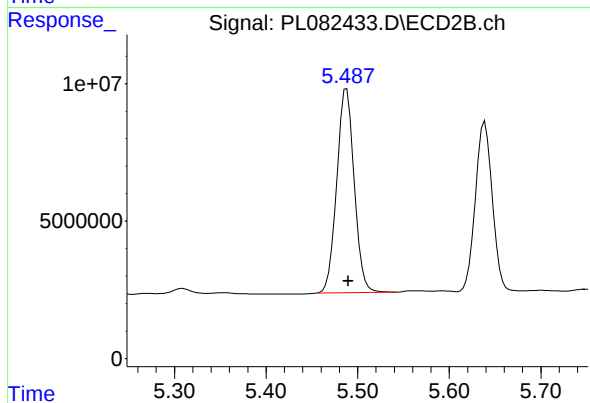
#13 Dieldrin

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 113289347
Conc: 41.95 ng/ml



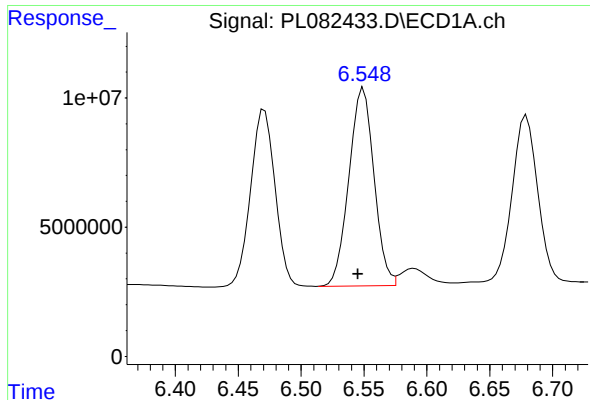
#14 Endrin

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 107461501
Conc: 44.32 ng/ml



#14 Endrin

R.T.: 5.488 min
Delta R.T.: -0.002 min
Response: 98480673
Conc: 40.26 ng/ml



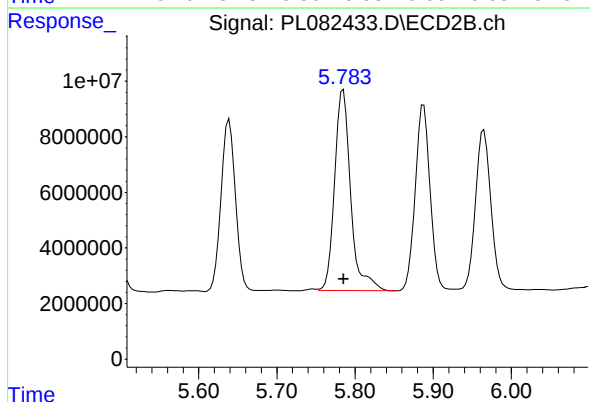
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.003 min
Response: 106958032
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

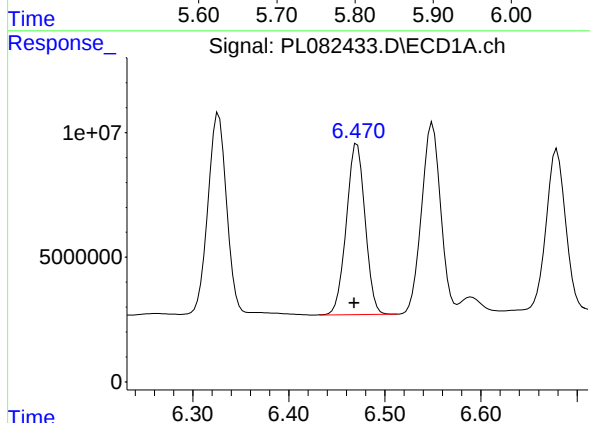
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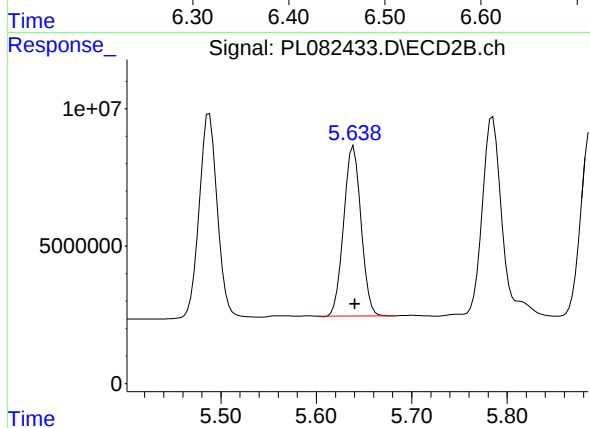
#15 Endosulfan II

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 103547090
Conc: 45.94 ng/ml



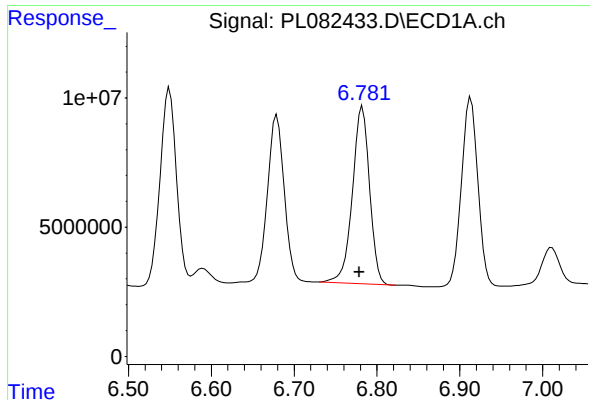
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 92776140
Conc: 45.77 ng/ml



#16 4,4'-DDD

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 78334182
Conc: 41.88 ng/ml



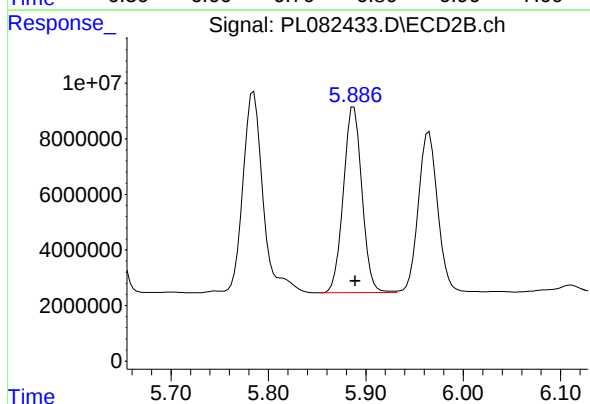
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.004 min
Response: 98848146
Conc: 43.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

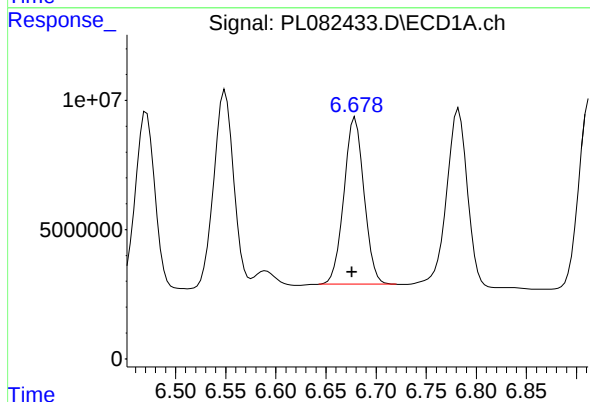
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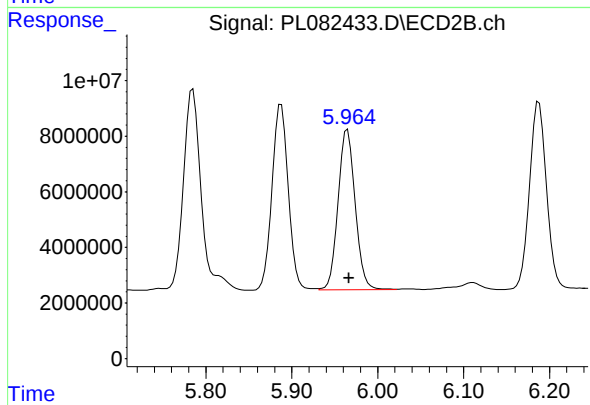
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: -0.001 min
Response: 88545126
Conc: 41.91 ng/ml



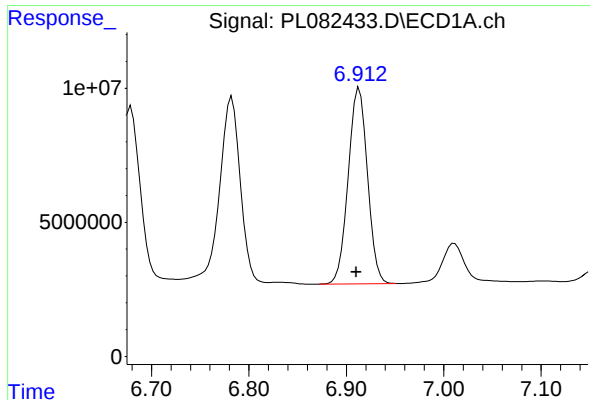
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 90127507
Conc: 47.83 ng/ml m



#18 Endrin aldehyde

R.T.: 5.965 min
Delta R.T.: -0.001 min
Response: 79689907
Conc: 42.58 ng/ml



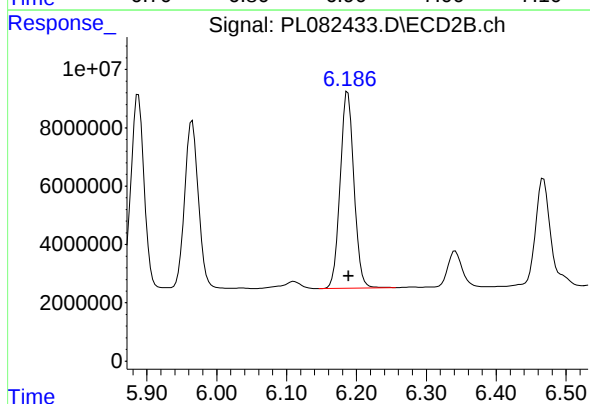
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 100436130
Conc: 42.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

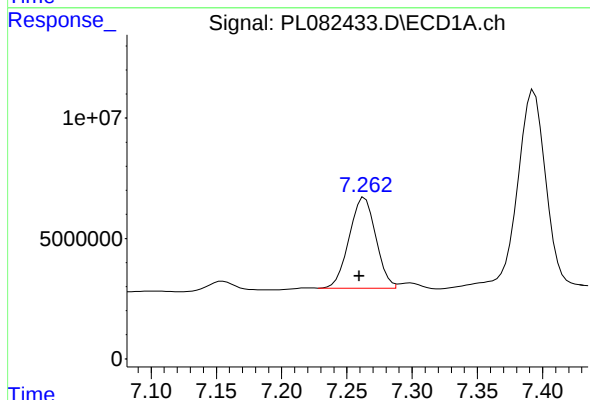
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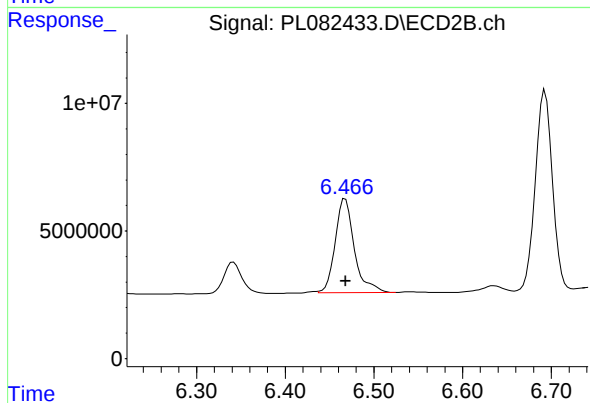
#19 Endosulfan Sulfate

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 92427889
Conc: 39.26 ng/ml



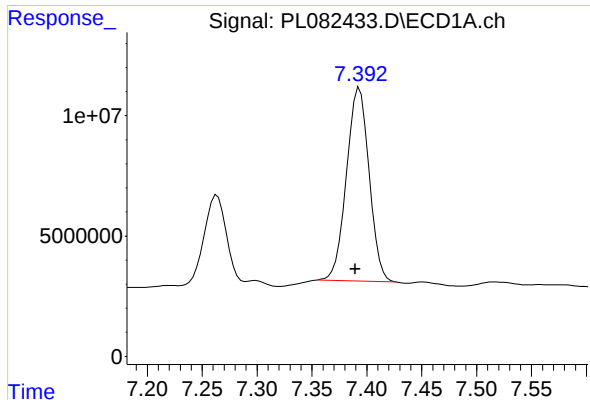
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.003 min
Response: 53375603
Conc: 43.74 ng/ml m



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 55233518
Conc: 45.58 ng/ml m



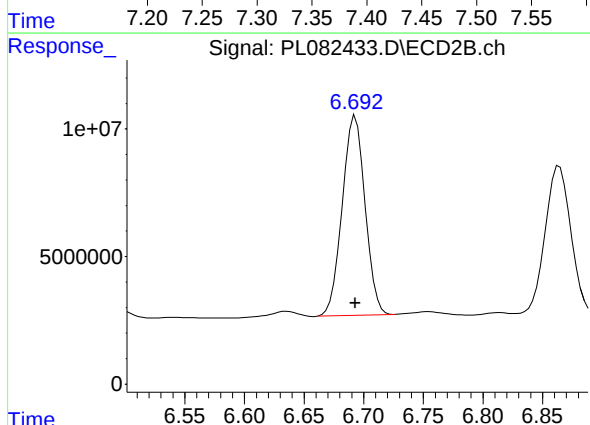
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: 0.004 min
Response: 115105734
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

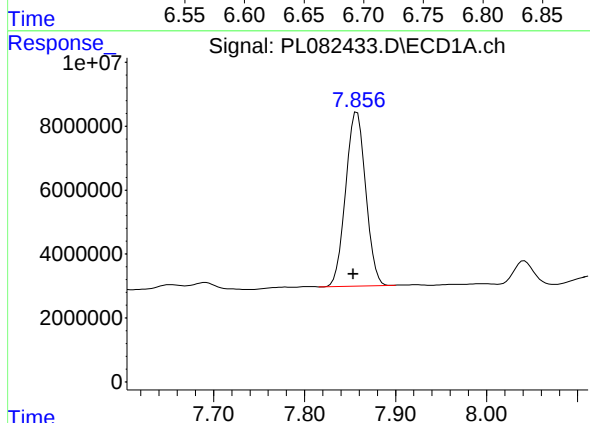
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



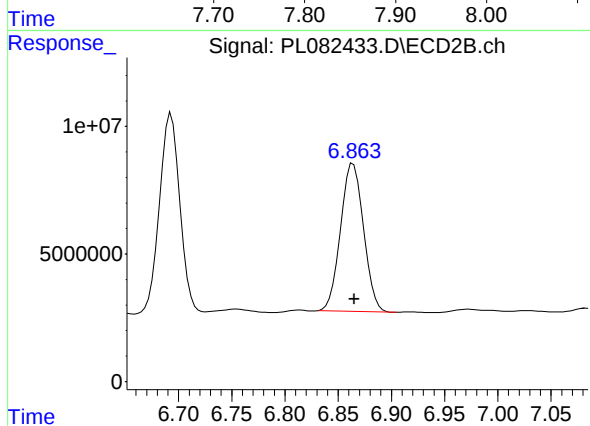
#21 Endrin ketone

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 104091185
Conc: 41.01 ng/ml



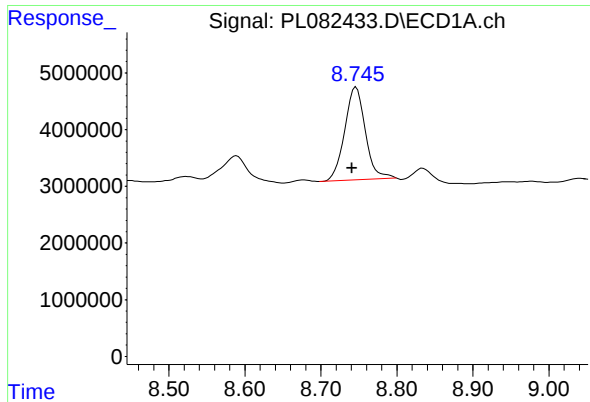
#22 Mirex

R.T.: 7.858 min
Delta R.T.: 0.004 min
Response: 83507537
Conc: 42.69 ng/ml



#22 Mirex

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 86829707
Conc: 37.68 ng/ml



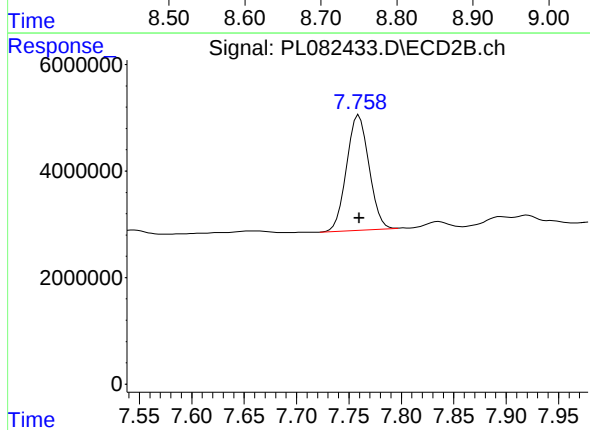
#28 Decachlorobiphenyl

R.T.: 8.746 min
Delta R.T.: 0.005 min
Response: 30893071
Conc: 16.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 32324428
Conc: 14.16 ng/ml