

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
 Data File : PL086826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 11:11
 Operator : AR\AJ
 Sample : 05540-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-06-11222023MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 11:38:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.616	48475035	15008382	14.929	15.243
28)	SA Decachlor...	8.854	7.768	32319709	14058636	11.041	11.642
Target Compounds							
2)	A alpha-BHC	3.805	3.115	222.8E6	64851373	46.314	48.652
3)	MA gamma-BHC...	4.137	3.442	214.2E6	63494491	45.528	47.844
4)	MA Heptachlor	4.724	3.778	218.0E6	67248449	47.795	50.237
5)	MB Aldrin	5.063	4.053	202.5E6	66590939	44.732	51.173m
6)	B beta-BHC	4.341	3.745	89259412	27804218	44.132	46.648
7)	B delta-BHC	4.584	3.968	207.9E6	62315387	45.280	47.632m
8)	B Heptachlo...	5.493	4.559	172.0E6	56878449	44.253m	47.359
9)	A Endosulfan I	5.878	4.926	169.3E6	51558336	45.121	44.840
10)	B gamma-Chl...	5.752	4.811	181.3E6	57579493	44.248	46.669
11)	B alpha-Chl...	5.831	4.874	178.5E6	57258616	43.970	45.789
12)	B 4,4'-DDE	6.015	5.073	149.7E6	50660551	43.158	49.352
13)	MA Dieldrin	6.154	5.191	155.4E6	56096123	39.533	47.014m
14)	MA Endrin	6.383	5.466	148.9E6	52408646	43.229	47.847
15)	B Endosulfa...	6.607	5.765	131.2E6	47724275	36.925	43.482
16)	A 4,4'-DDD	6.534	5.630	119.9E6	42765021	45.032	50.195
17)	MA 4,4'-DDT	6.849	5.881	135.0E6	46109486	45.554	47.167
18)	B Endrin al...	6.738	5.946	111.0E6	39508453	41.868	42.176
19)	B Endosulfa...	6.974	6.170	135.6E6	48755761	40.402	44.888
20)	A Methoxychlor	7.335	6.464	77393373	31052831	48.496	51.913m
21)	B Endrin ke...	7.456	6.672	144.2E6	56906948	42.309	44.413
22)	Mirex	7.929	6.848	113.2E6	46304735	40.083	40.735

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
Data File : PL086826.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Nov 2023 11:11
Operator : AR\AJ
Sample : 05540-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

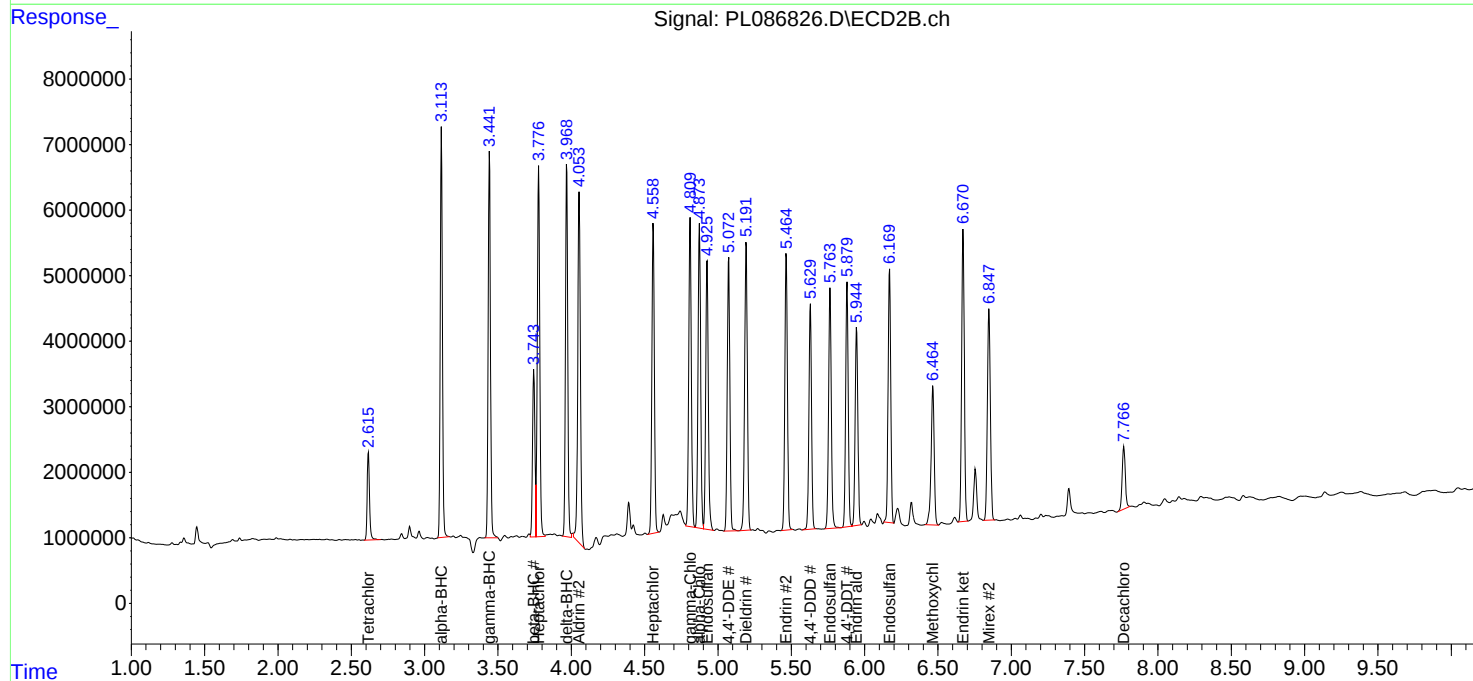
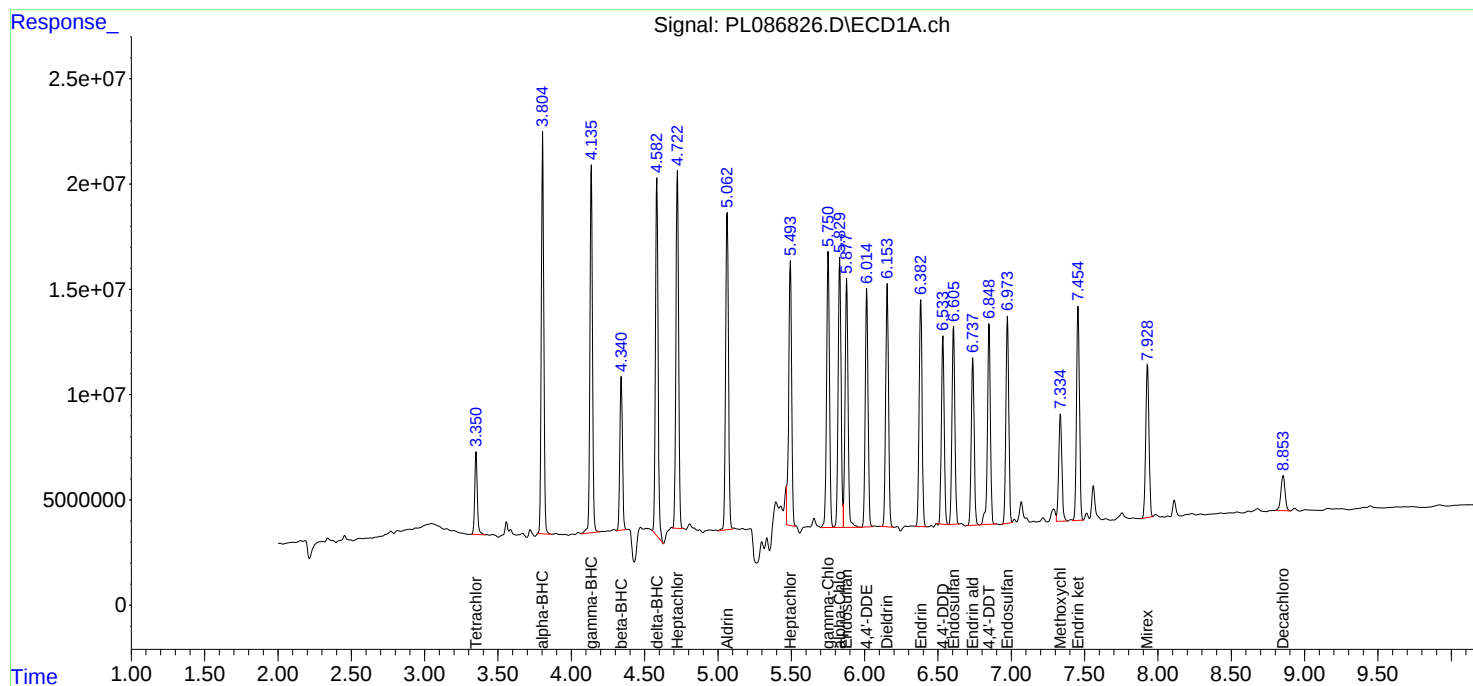
Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

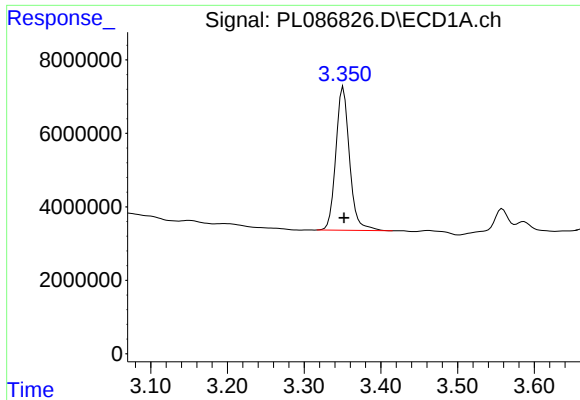
Manual Integrations
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Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 27 11:38:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
Quant Title : GC Extractables
QLast Update : Wed Nov 08 13:04:14 2023
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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





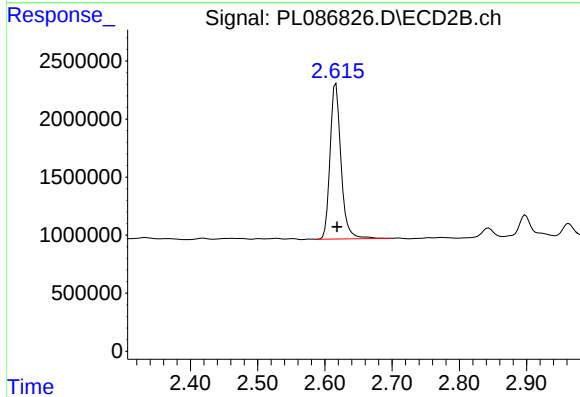
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 48475035
Conc: 14.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

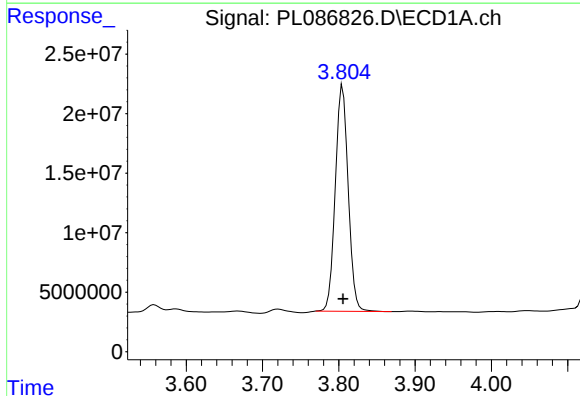
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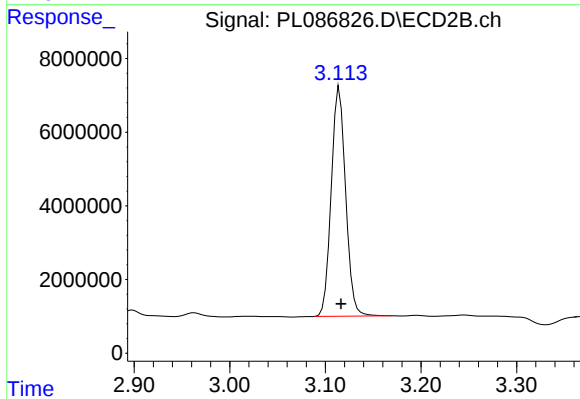
#1 Tetrachloro-m-xylene

R.T.: 2.616 min
Delta R.T.: -0.001 min
Response: 15008382
Conc: 15.24 ng/ml



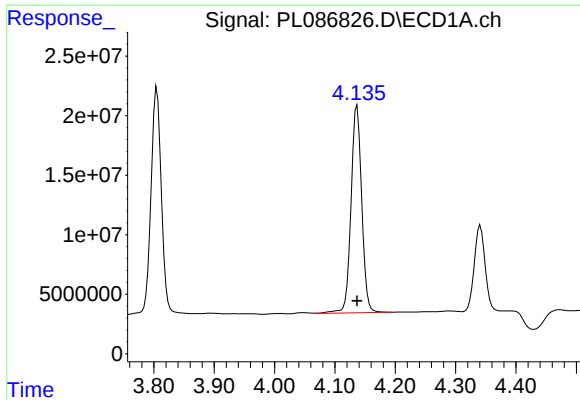
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 222789125
Conc: 46.31 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 64851373
Conc: 48.65 ng/ml



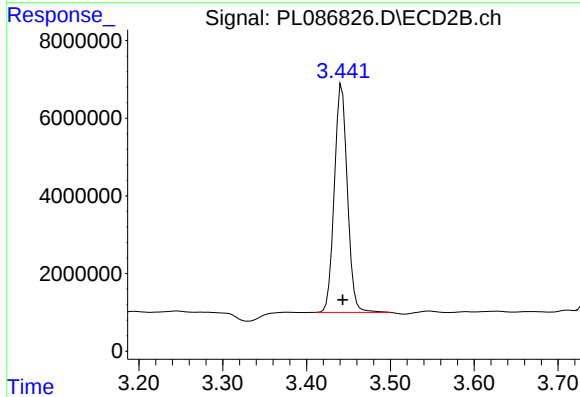
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 214192101
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

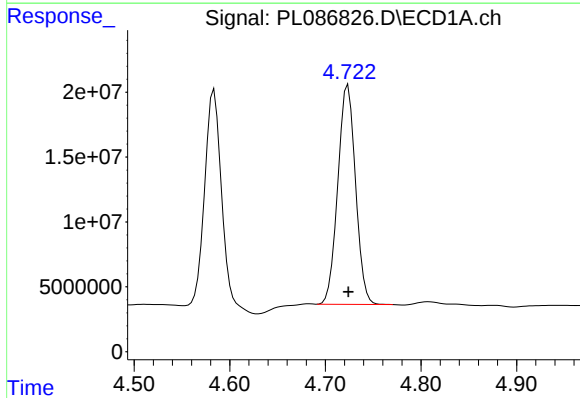
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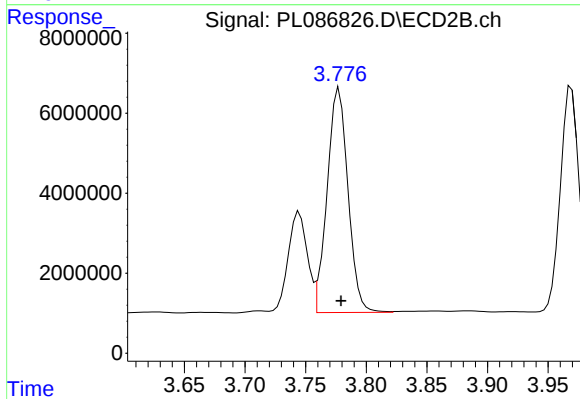
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 63494491
Conc: 47.84 ng/ml



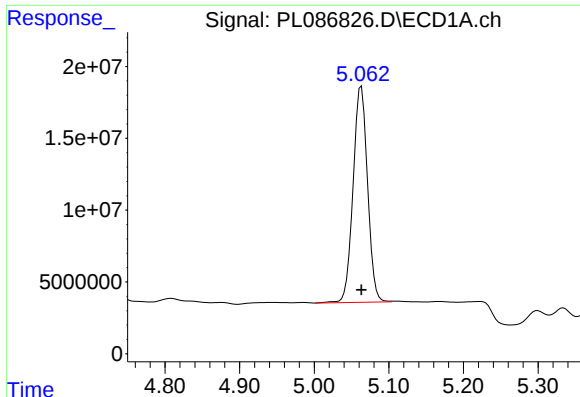
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 218040630
Conc: 47.80 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 67248449
Conc: 50.24 ng/ml



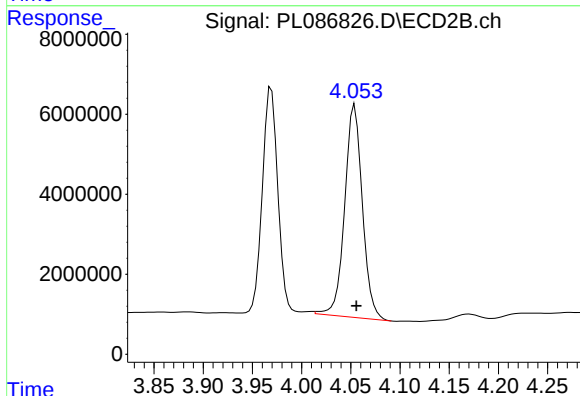
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 202516519
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

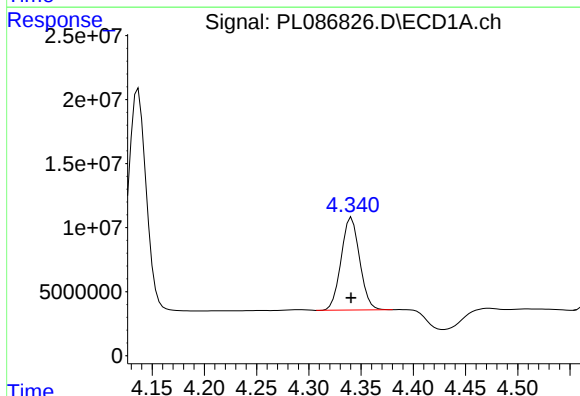
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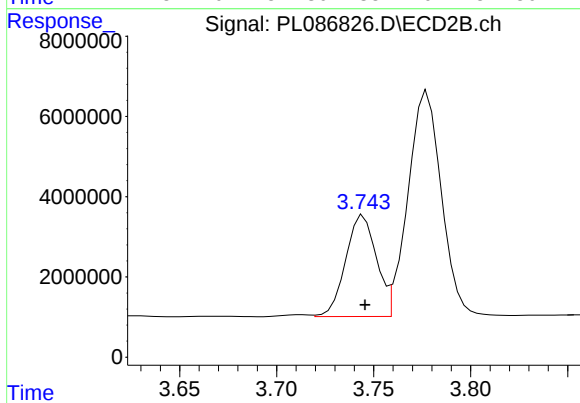
#5 Aldrin

R.T.: 4.053 min
Delta R.T.: -0.003 min
Response: 66590939
Conc: 51.17 ng/ml m



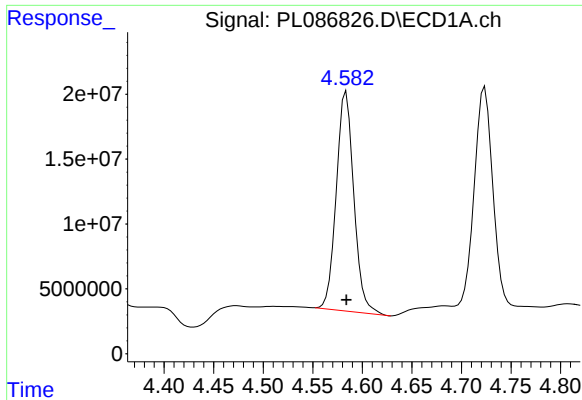
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 89259412
Conc: 44.13 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 27804218
Conc: 46.65 ng/ml



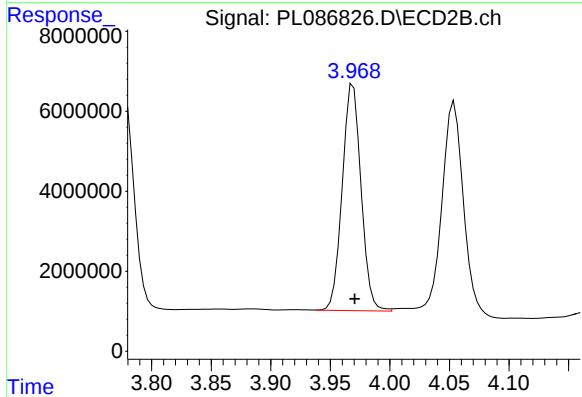
#7 delta-BHC

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 207897600
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

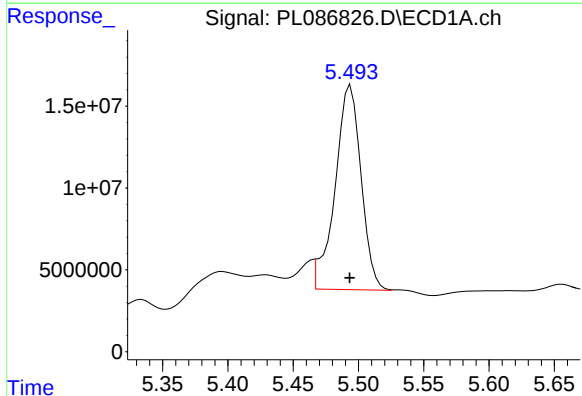
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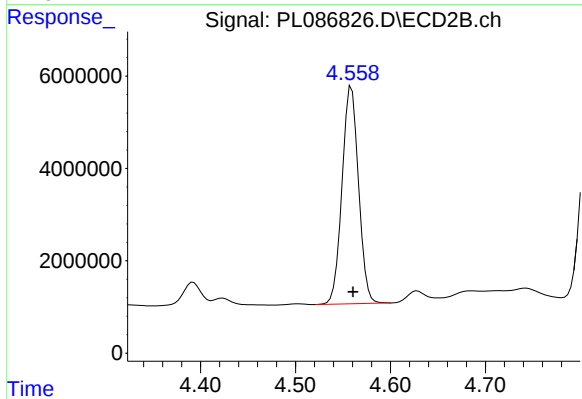
#7 delta-BHC

R.T.: 3.968 min
Delta R.T.: -0.003 min
Response: 62315387
Conc: 47.63 ng/ml m



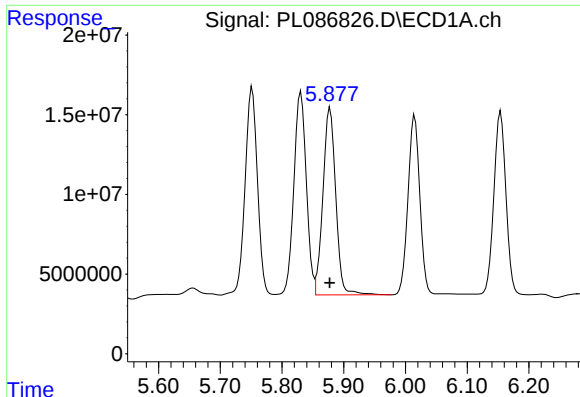
#8 Heptachlor epoxide

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 172026640
Conc: 44.25 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 56878449
Conc: 47.36 ng/ml



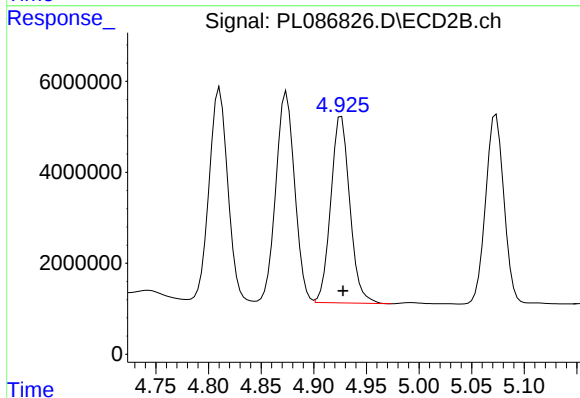
#9 Endosulfan I

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 169274933
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

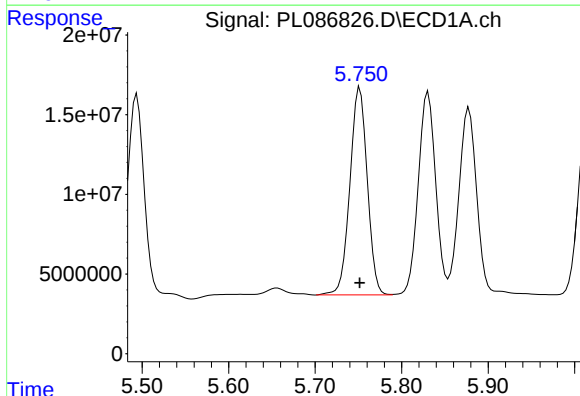
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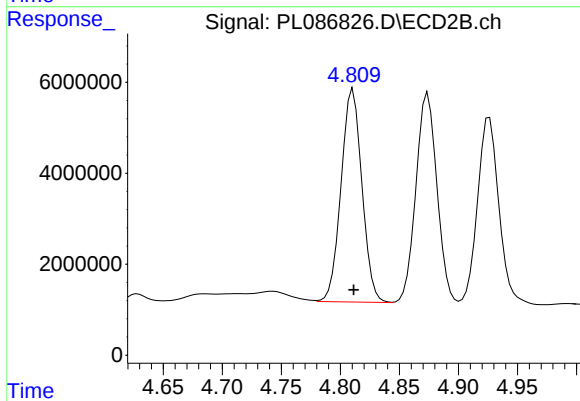
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 51558336
Conc: 44.84 ng/ml



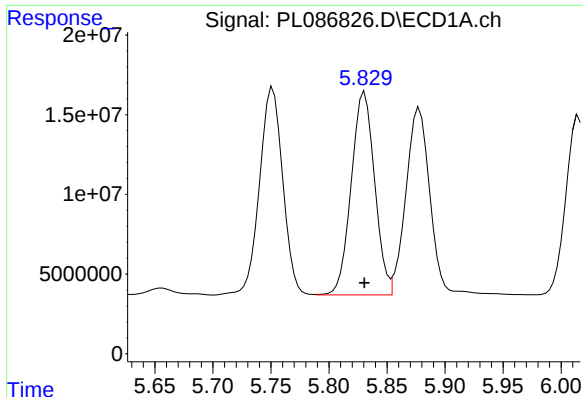
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 181292018
Conc: 44.25 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 57579493
Conc: 46.67 ng/ml



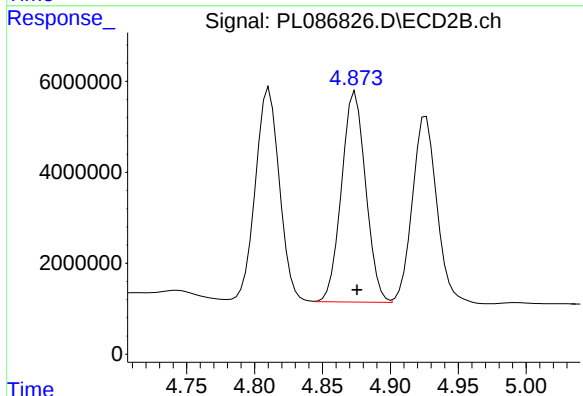
#11 alpha-Chlordane

R.T.: 5.831 min
Delta R.T.: 0.000 min
Response: 178513426
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

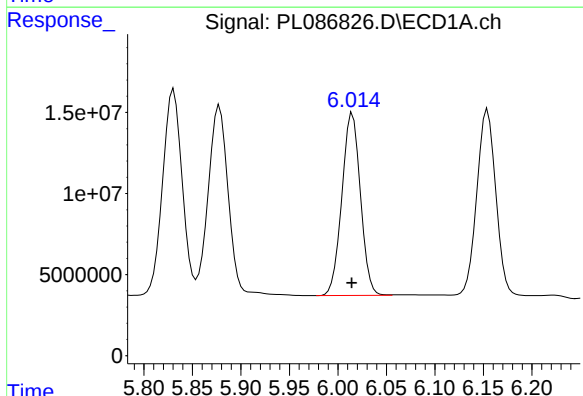
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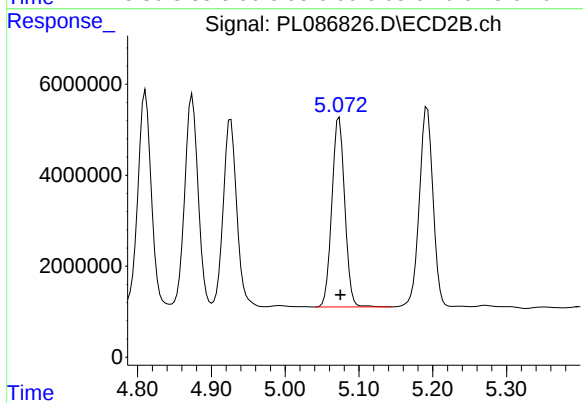
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 57258616
Conc: 45.79 ng/ml



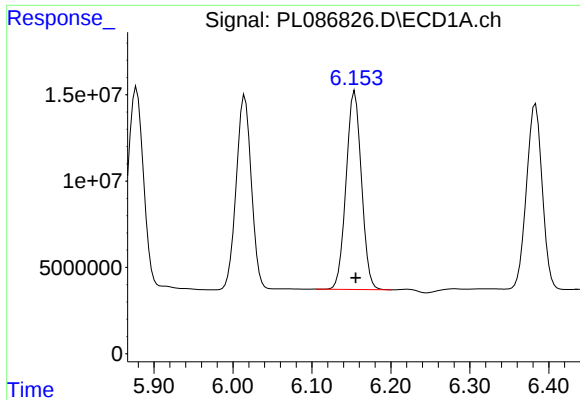
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 149684233
Conc: 43.16 ng/ml



#12 4,4'-DDE

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 50660551
Conc: 49.35 ng/ml



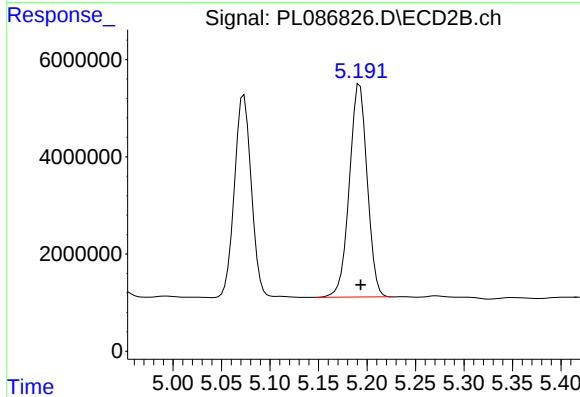
#13 Dieldrin

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 155443225
Conc: 39.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

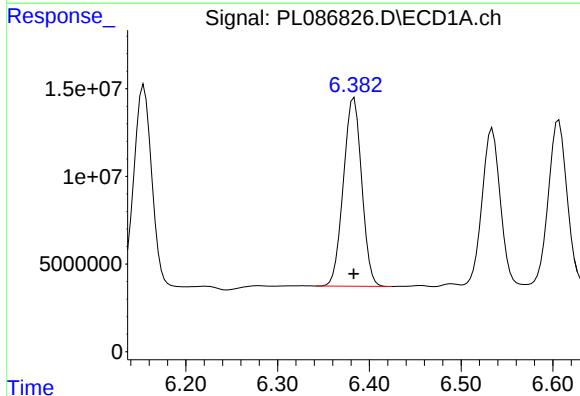
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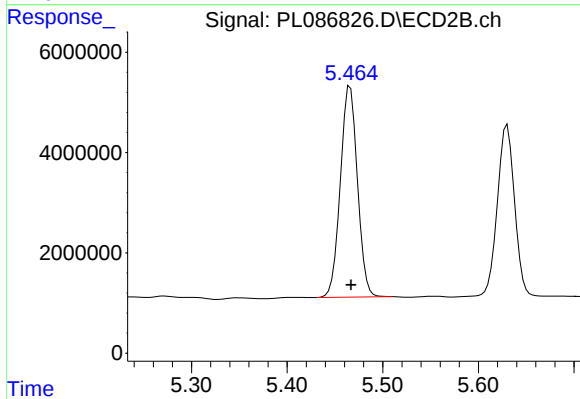
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 56096123
Conc: 47.01 ng/ml m



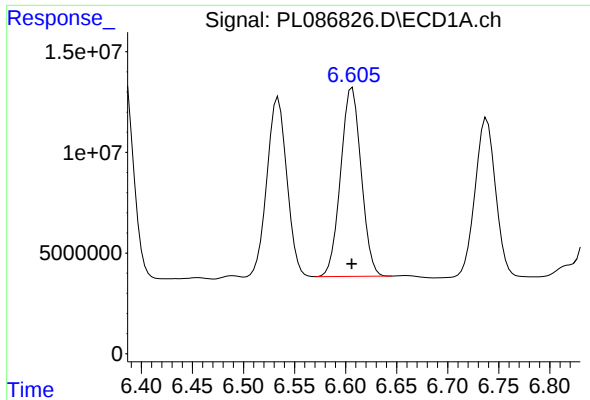
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 148898236
Conc: 43.23 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 52408646
Conc: 47.85 ng/ml



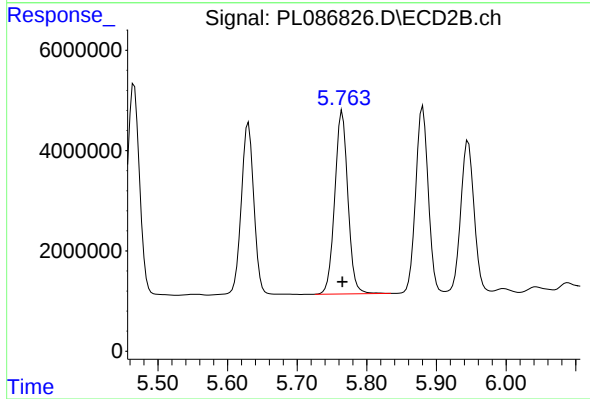
#15 Endosulfan II

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 131247030
Conc: 36.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

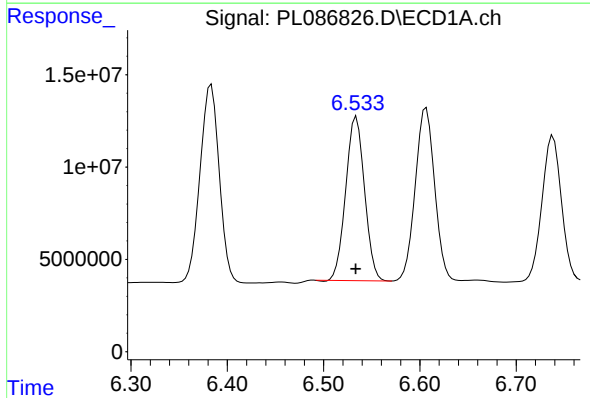
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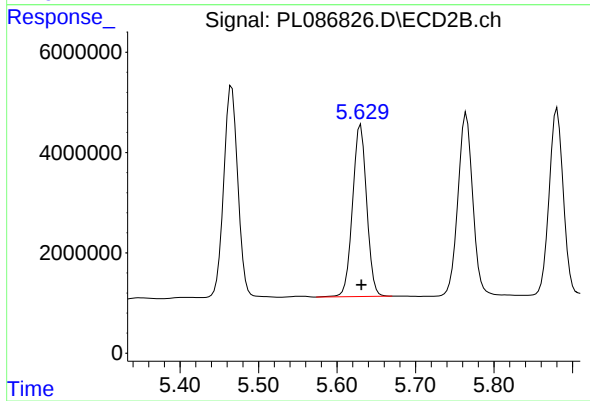
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: 0.000 min
Response: 47724275
Conc: 43.48 ng/ml



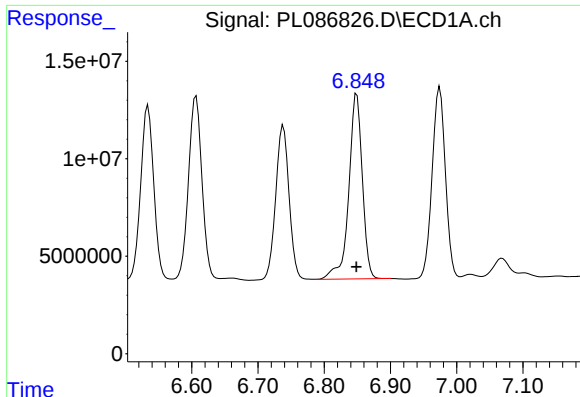
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 119908435
Conc: 45.03 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 42765021
Conc: 50.20 ng/ml



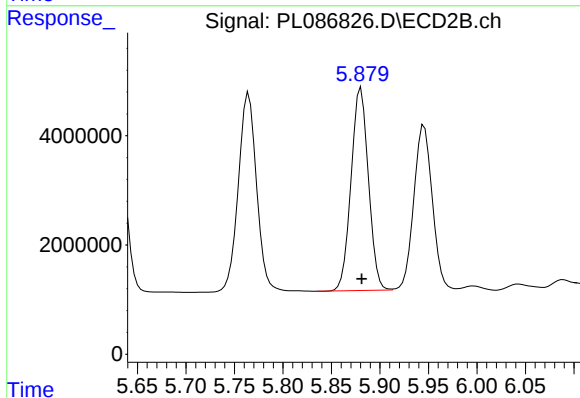
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 135036941
Conc: 45.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

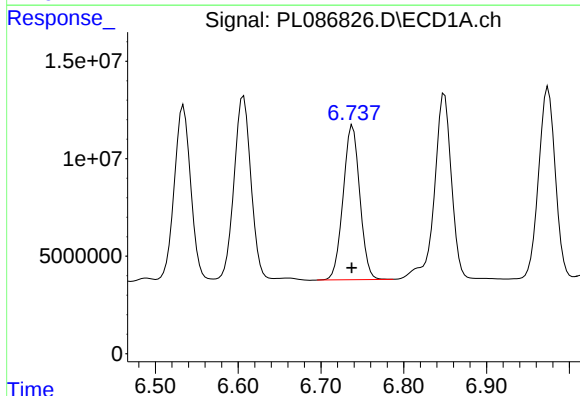
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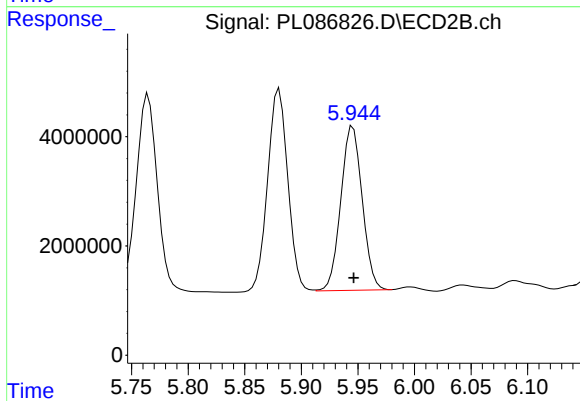
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 46109486
Conc: 47.17 ng/ml



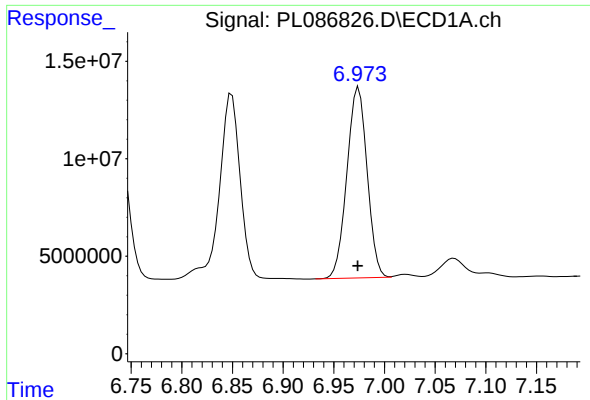
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 110997449
Conc: 41.87 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 39508453
Conc: 42.18 ng/ml



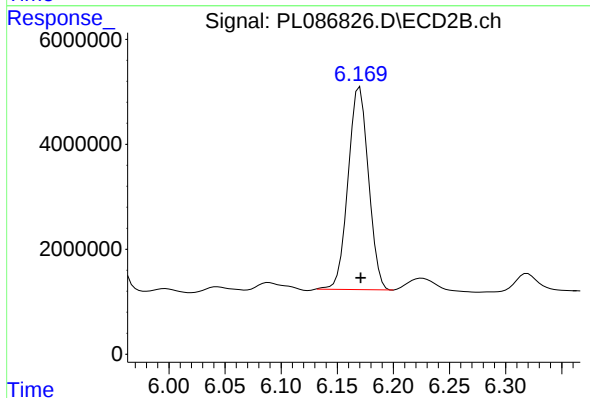
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 135602893
Conc: 40.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

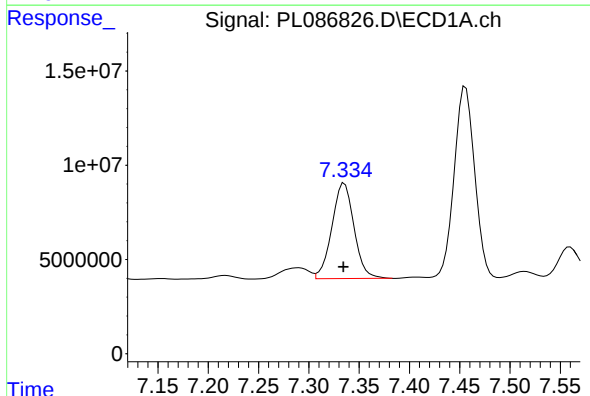
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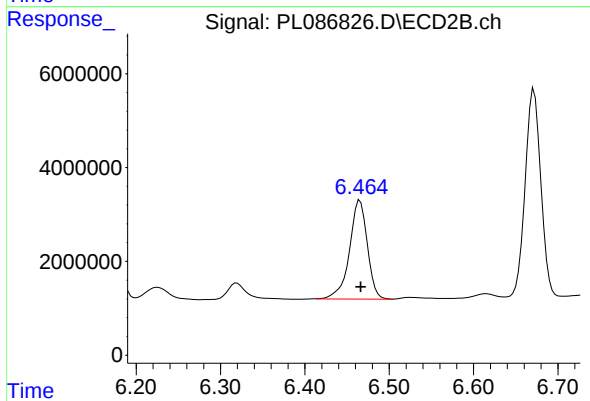
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 48755761
Conc: 44.89 ng/ml



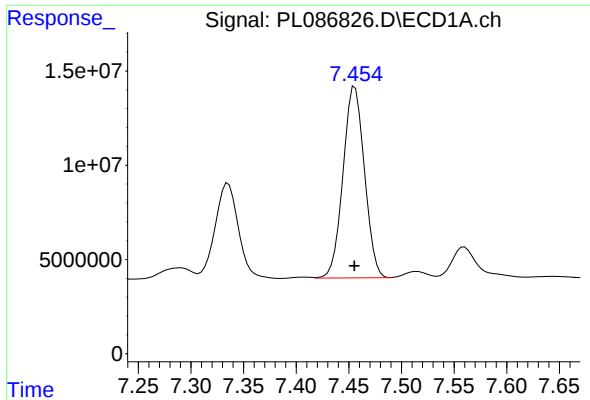
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 77393373
Conc: 48.50 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 31052831
Conc: 51.91 ng/ml m



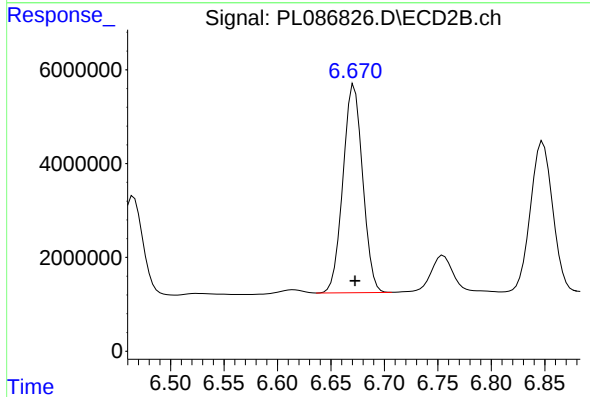
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 144189942
Conc: 42.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

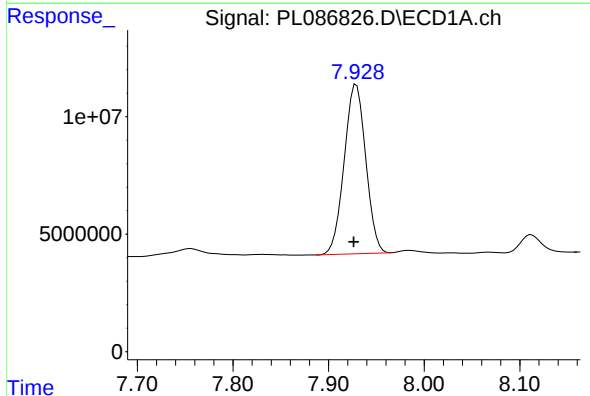
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :Ankita Jodhani 11/28/2023



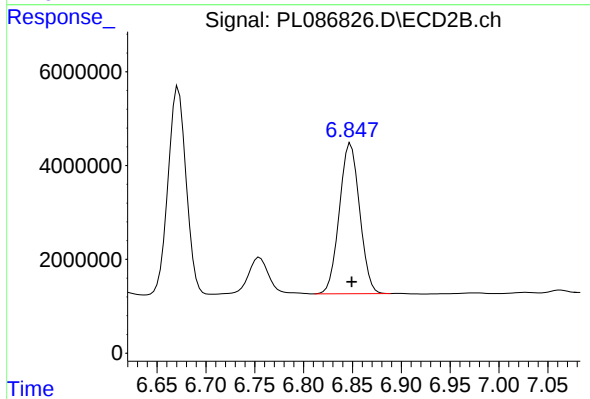
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 56906948
Conc: 44.41 ng/ml



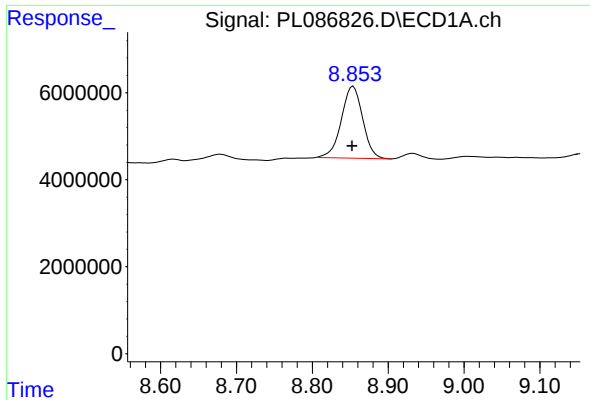
#22 Mirex

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 113199462
Conc: 40.08 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 46304735
Conc: 40.74 ng/ml



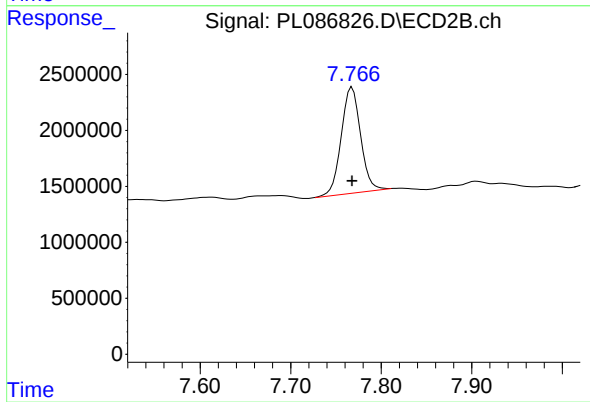
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: 0.002 min
Response: 32319709
Conc: 11.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-06-11222023MS

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#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 14058636
Conc: 11.64 ng/ml