

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 14:25
 Operator : AR\AJ
 Sample : 04170-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-SCAS-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 22:08:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.684	39396252	18844189	16.956	17.329
28) SA Decachlor...	9.026	7.863	29541111	22990086	18.156	18.439
Target Compounds						
2) A alpha-BHC	3.934	3.189	158.5E6	78543412	48.009m	50.868
3) MA gamma-BHC...	4.269	3.520	145.6E6	73858754	45.652	48.606
4) MA Heptachlor	4.861	3.860	149.6E6	73294084	44.487	51.465
5) MB Aldrin	5.204	4.140	131.0E6	72866987	39.626	50.136 #
6) B beta-BHC	4.468	3.822	64661678	32700424	46.289	48.805
7) B delta-BHC	4.715	4.050	141.9E6	74026189	44.000	48.759
8) B Heptachlo...	5.634	4.646	120.9E6	65807317	40.142	49.598
9) A Endosulfan I	6.019	5.016	108.0E6	63345014	41.047	51.114
10) B gamma-Chl...	5.891	4.899	115.5E6	68695053	40.350	50.650 #
11) B alpha-Chl...	5.971	4.963	113.9E6	68642425	40.332	50.380
12) B 4,4'-DDE	6.150	5.161	99174912	61944016	43.208	50.301
13) MA Dieldrin	6.295	5.284	106.5E6	65864476	40.315	48.509
14) MA Endrin	6.525	5.558	91125237	60872033	41.782	49.764
15) B Endosulfa...	6.747	5.856	84170234	56226647	39.797	46.600
16) A 4,4'-DDD	6.668	5.719	76648396	53073107	45.717	51.366
17) MA 4,4'-DDT	6.983	5.971	84107951	57083723	44.889	49.186
18) B Endrin al...	6.877	6.038	67889369	45158454	40.244	45.534
19) B Endosulfa...	7.112	6.263	81826224	59695524	40.961	50.199
20) A Methoxychlor	7.466	6.555	43425711	31631738	45.250	46.104
21) B Endrin ke...	7.597	6.767	88115243	69096614	44.048	47.890
22) Mirex	8.072	6.947	71254217	53946134	42.903	46.776

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085024.D
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 Acq On : 28 Aug 2023 14:25
 Operator : AR\AJ
 Sample : 04170-02MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

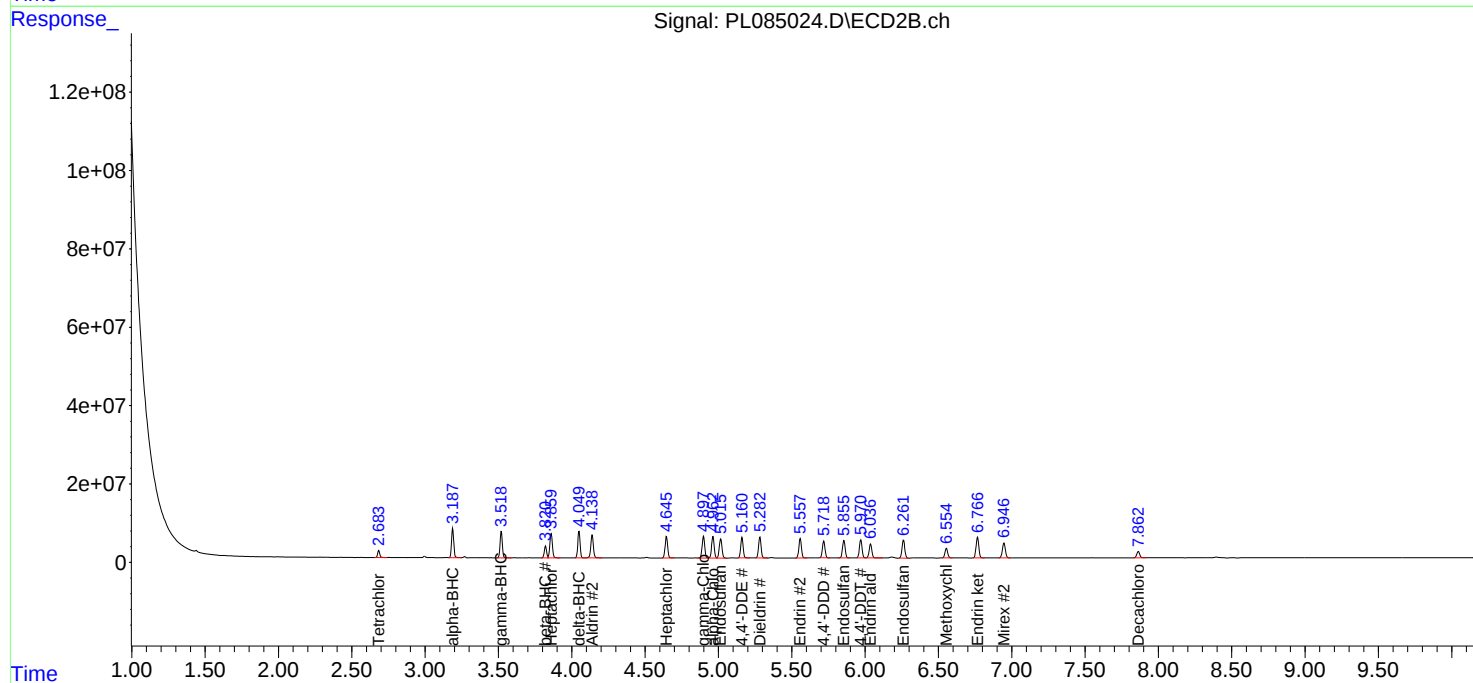
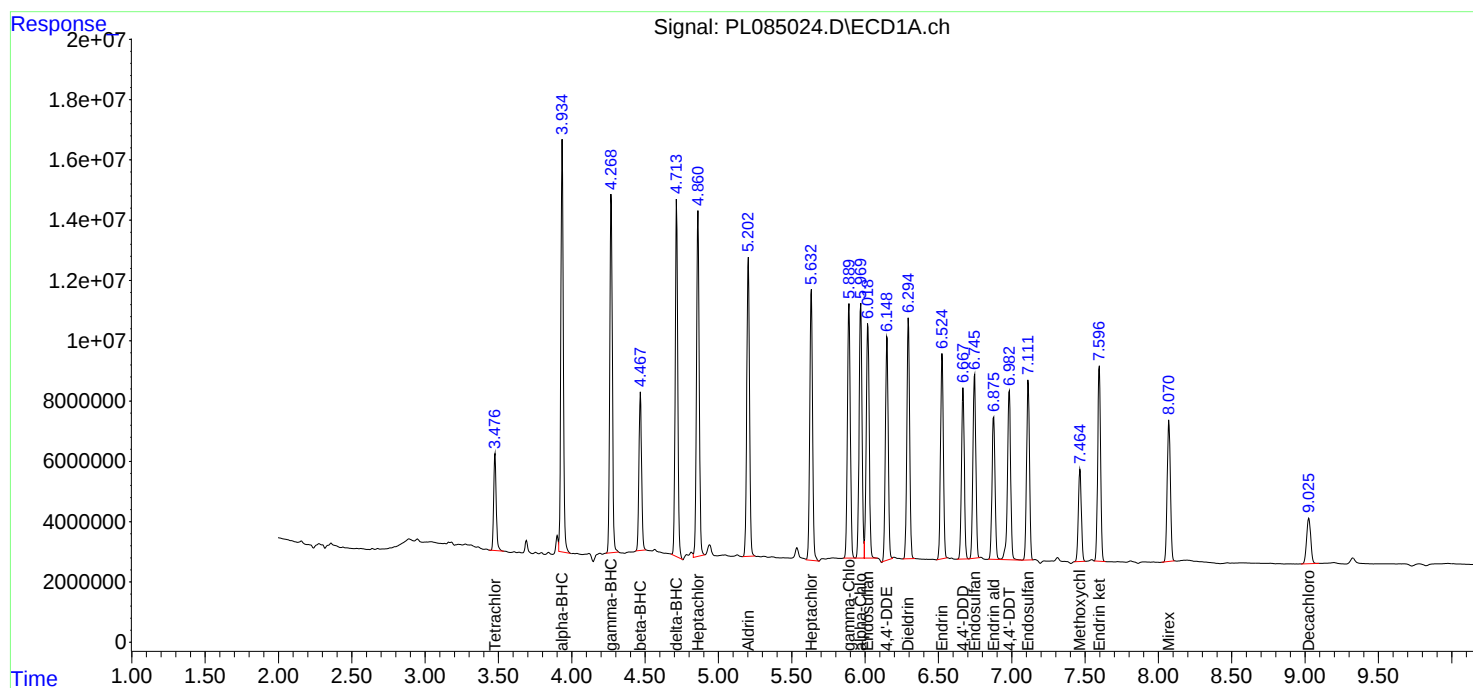
Instrument :
 ECD_L
 ClientSampleId :
 WC-SCAS-01MS

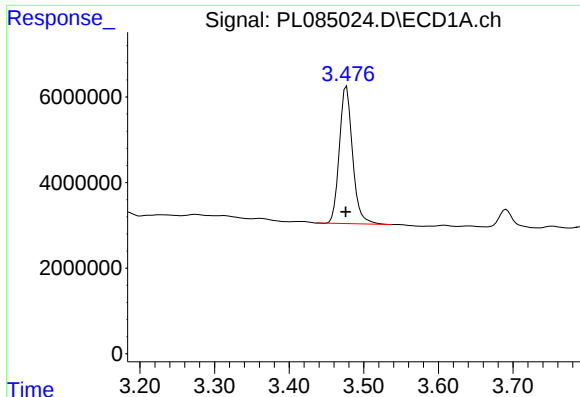
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
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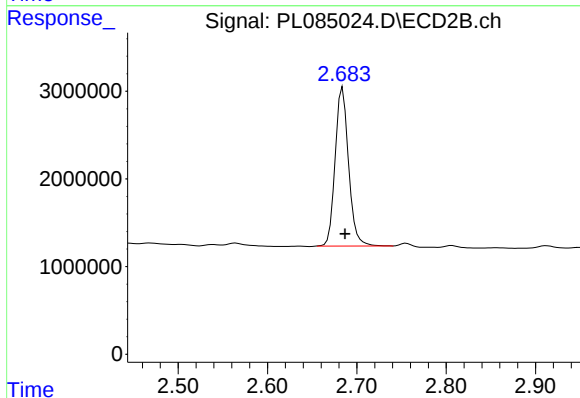
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 39396252
Conc: 16.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

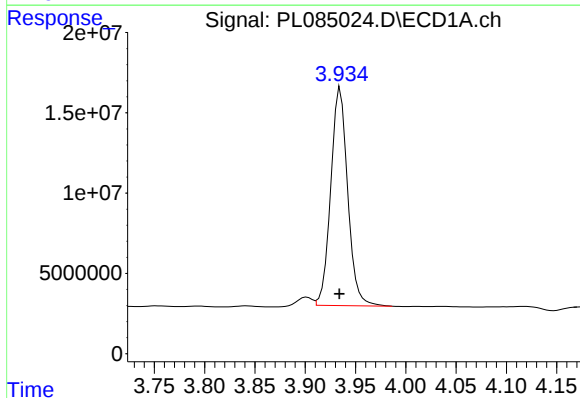
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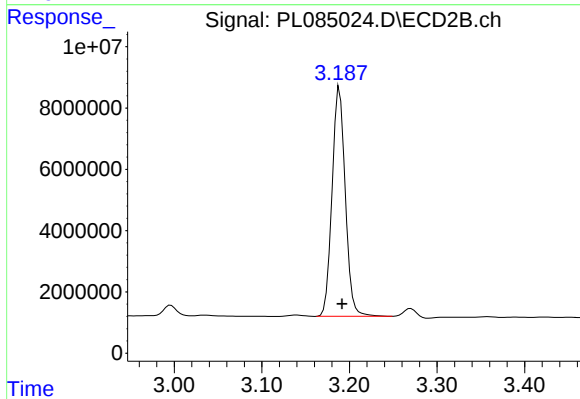
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 18844189
Conc: 17.33 ng/ml



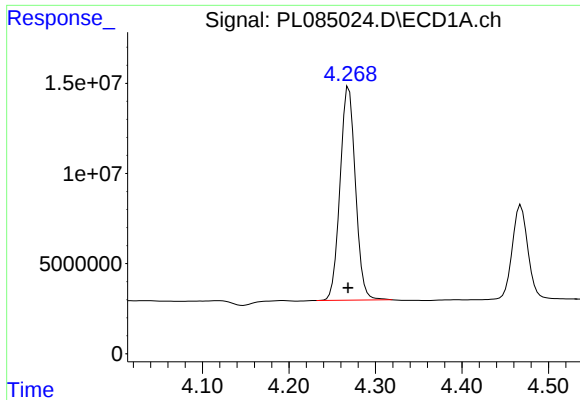
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 158497758
Conc: 48.01 ng/ml m



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 78543412
Conc: 50.87 ng/ml



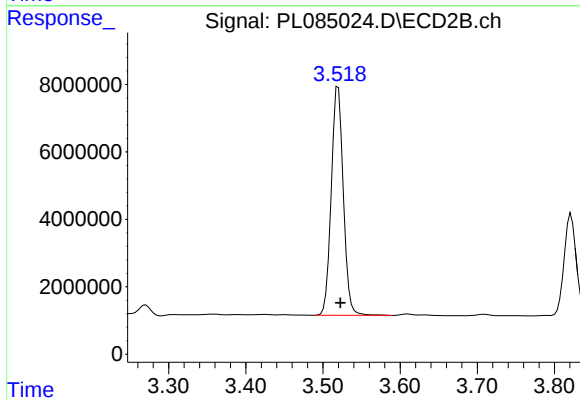
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 145629283
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

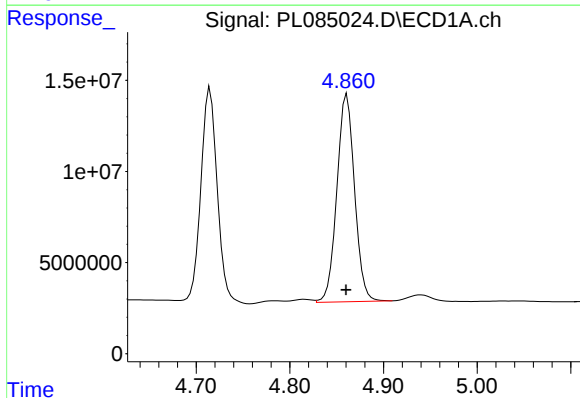
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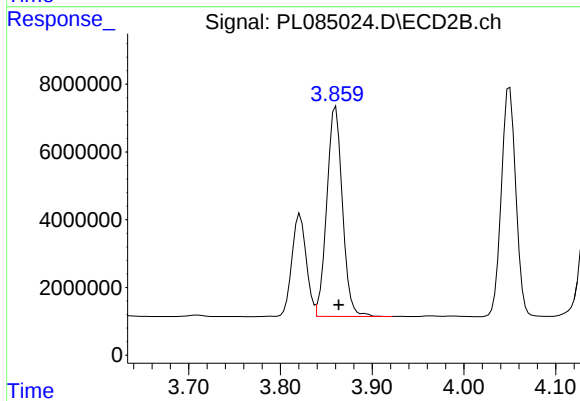
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 73858754
Conc: 48.61 ng/ml



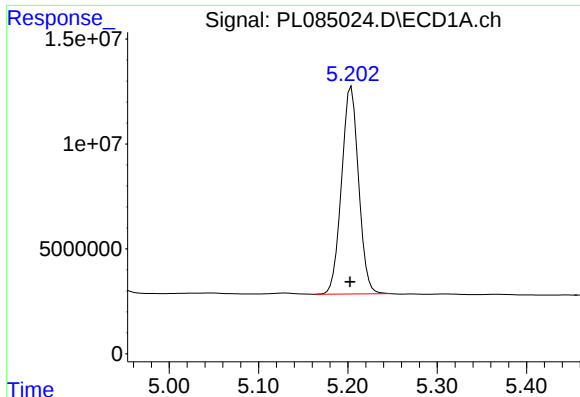
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 149604478
Conc: 44.49 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 73294084
Conc: 51.47 ng/ml



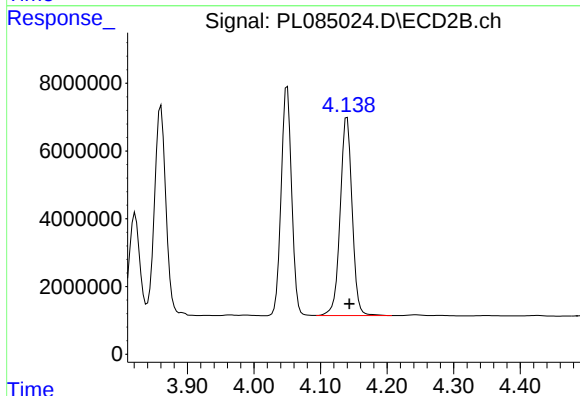
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 130977377
Conc: 39.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

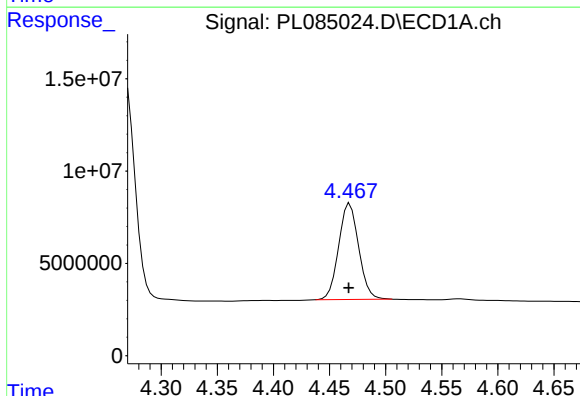
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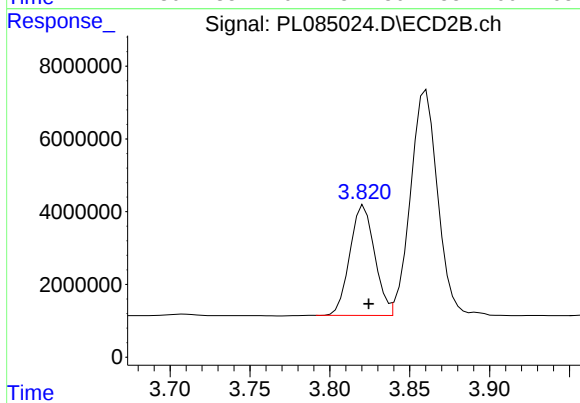
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 72866987
Conc: 50.14 ng/ml



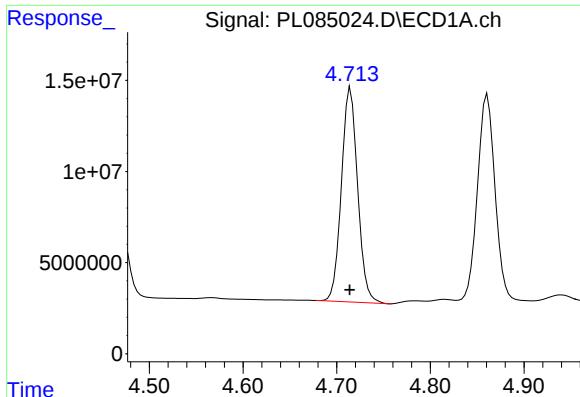
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 64661678
Conc: 46.29 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.003 min
Response: 32700424
Conc: 48.81 ng/ml



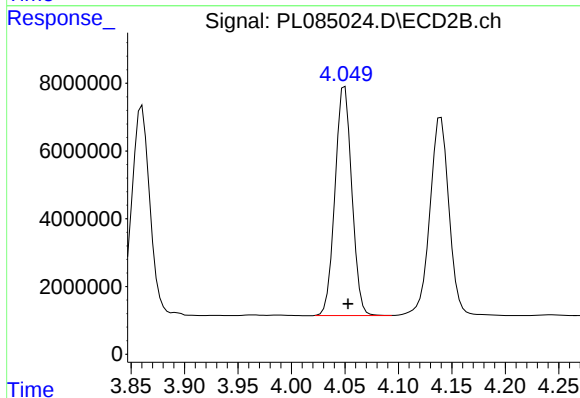
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 141888575
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

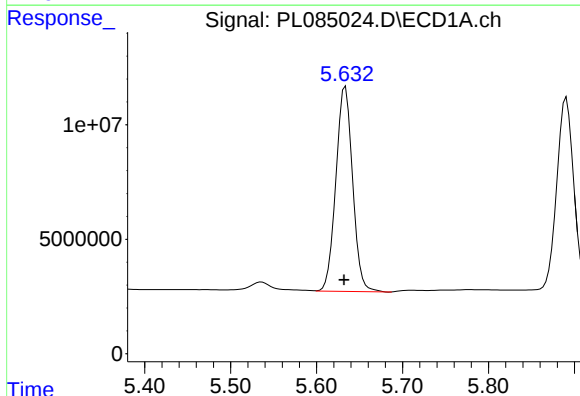
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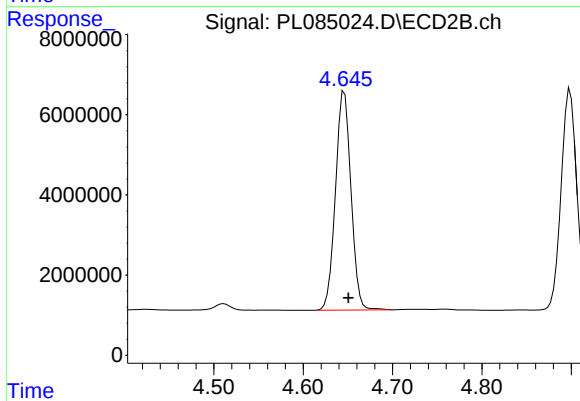
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 74026189
Conc: 48.76 ng/ml



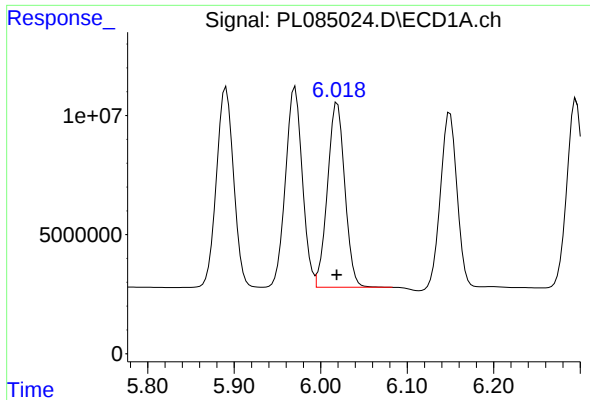
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 120934327
Conc: 40.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 65807317
Conc: 49.60 ng/ml



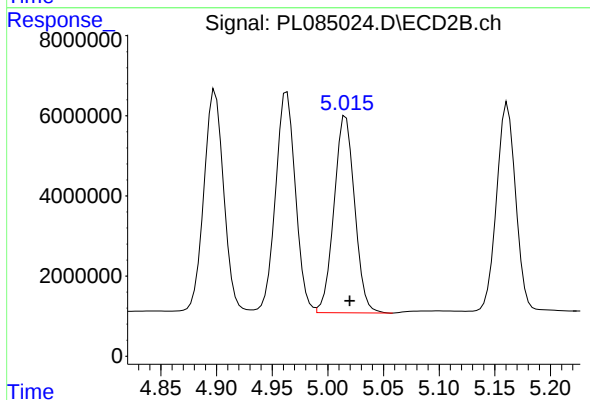
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 108047003
Conc: 41.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

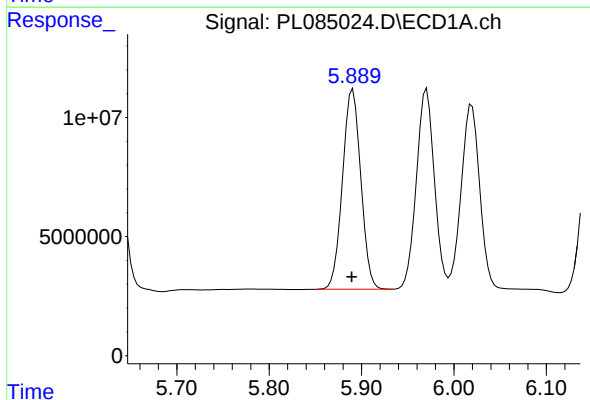
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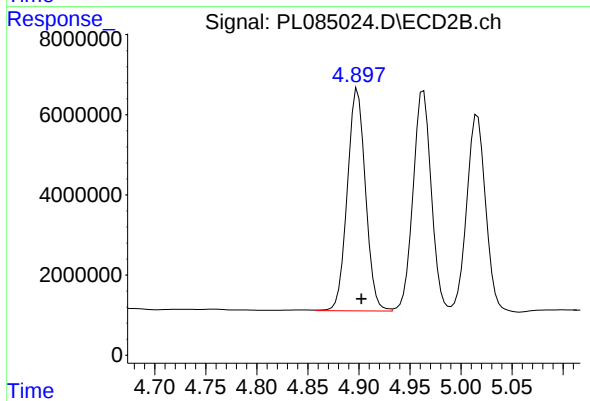
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 63345014
Conc: 51.11 ng/ml



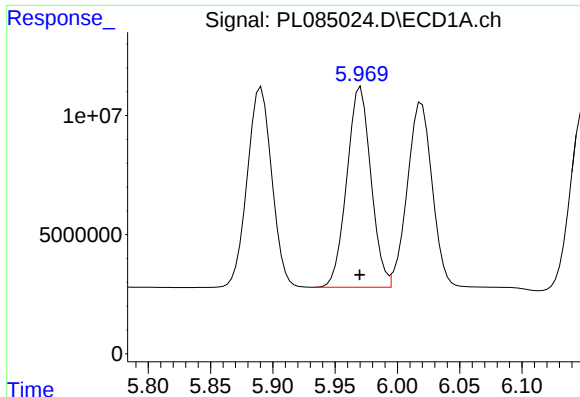
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 115547540
Conc: 40.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 68695053
Conc: 50.65 ng/ml



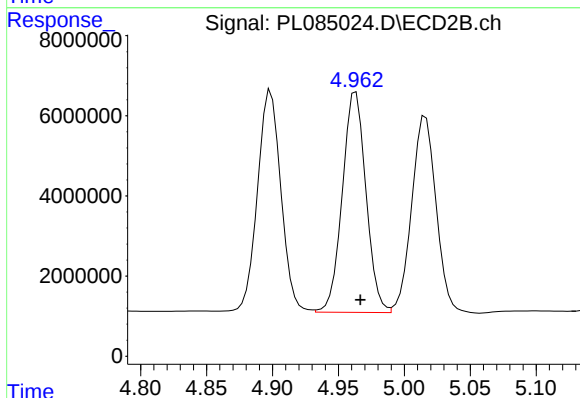
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 113864247
Conc: 40.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

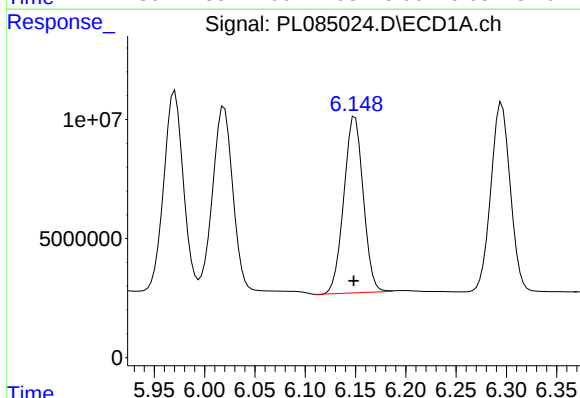
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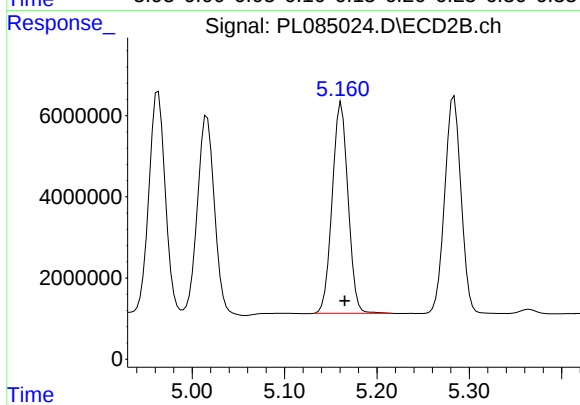
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.003 min
Response: 68642425
Conc: 50.38 ng/ml



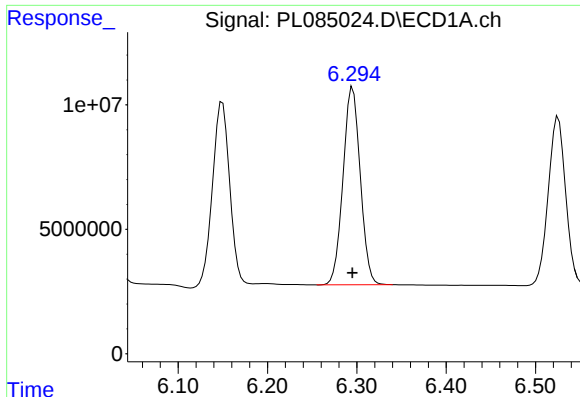
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.001 min
Response: 99174912
Conc: 43.21 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 61944016
Conc: 50.30 ng/ml



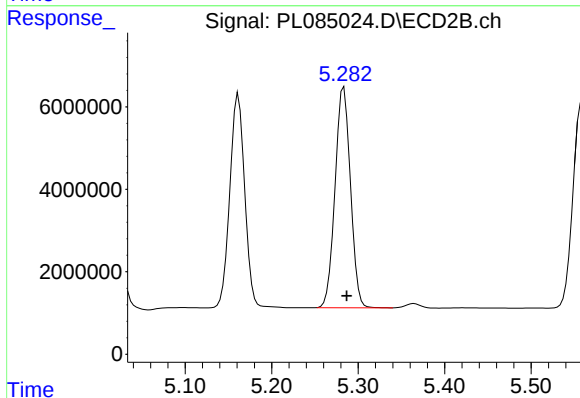
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 106537024
Conc: 40.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

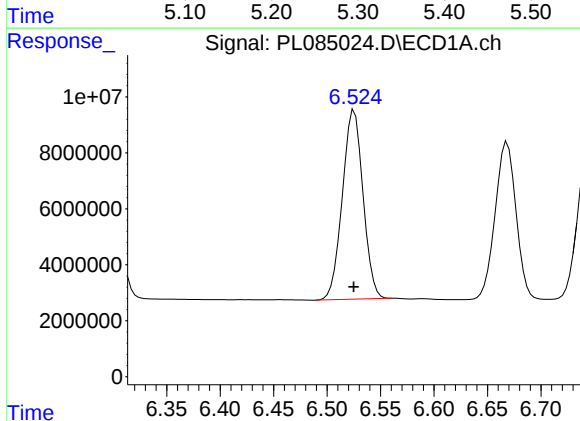
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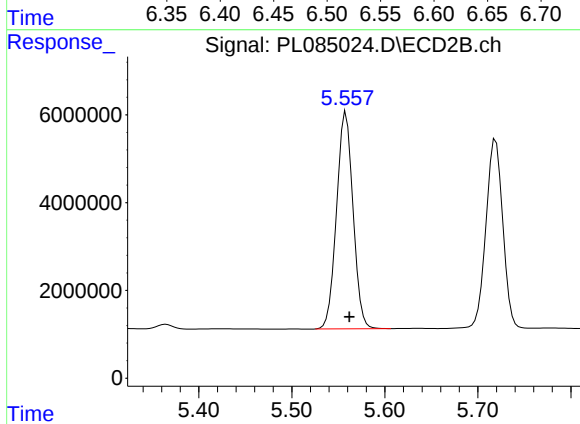
#13 Dieldrin

R.T.: 5.284 min
Delta R.T.: -0.003 min
Response: 65864476
Conc: 48.51 ng/ml



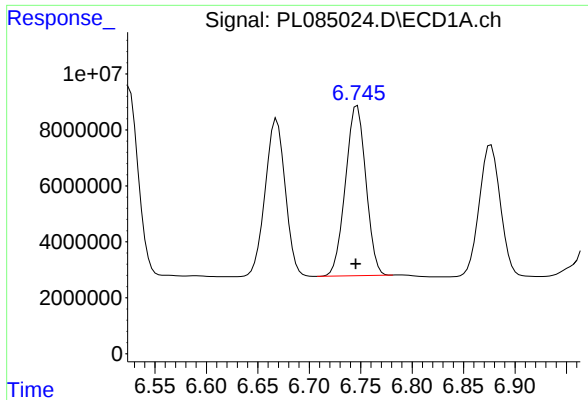
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 91125237
Conc: 41.78 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.004 min
Response: 60872033
Conc: 49.76 ng/ml



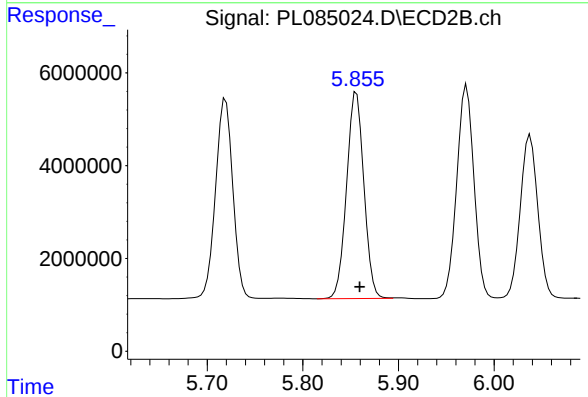
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 84170234
Conc: 39.80 ng/ml

Instrument :
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ClientSampleId :
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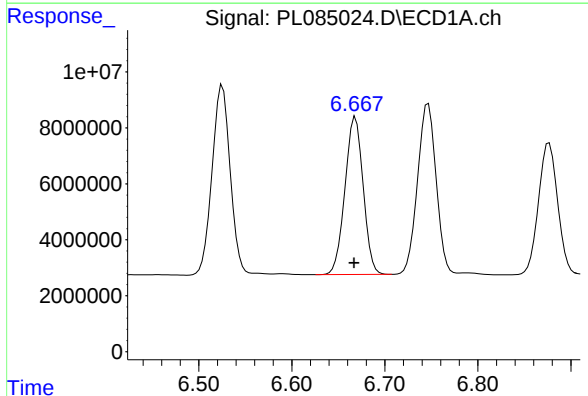
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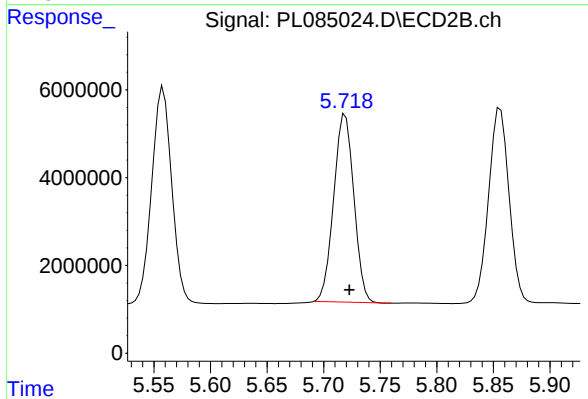
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 56226647
Conc: 46.60 ng/ml



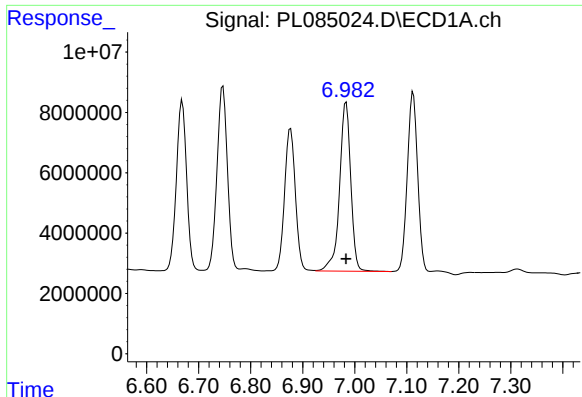
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.001 min
Response: 76648396
Conc: 45.72 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 53073107
Conc: 51.37 ng/ml



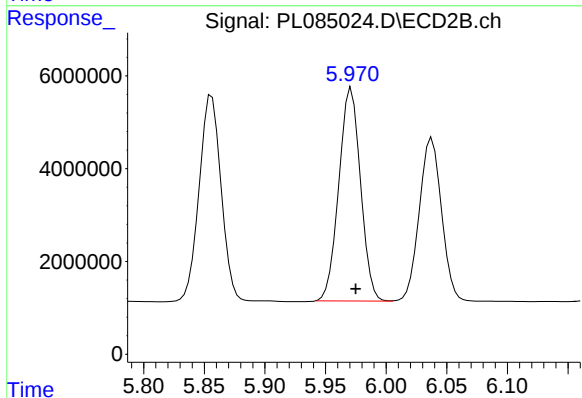
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 84107951
Conc: 44.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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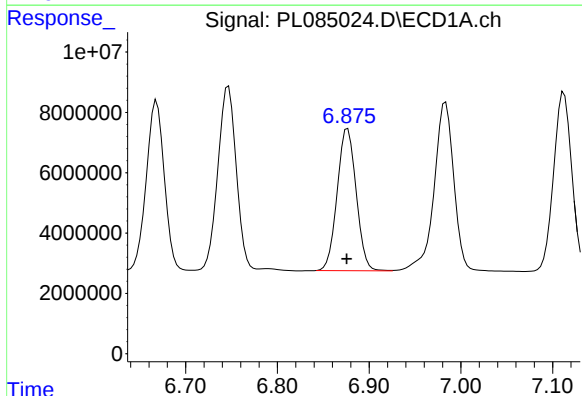
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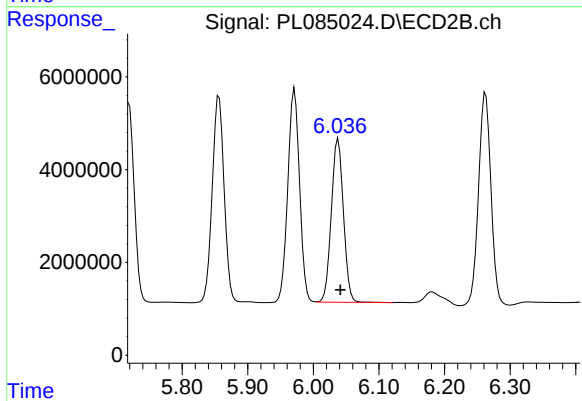
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 57083723
Conc: 49.19 ng/ml



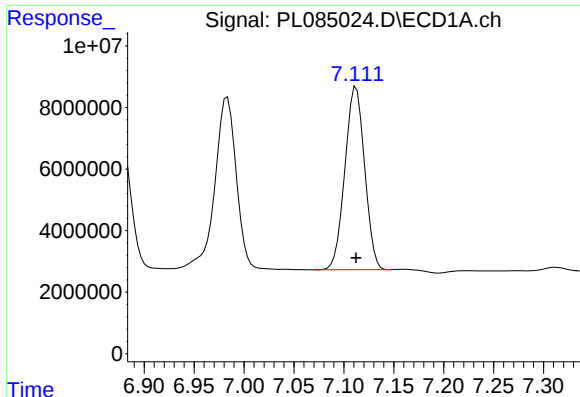
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 67889369
Conc: 40.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 45158454
Conc: 45.53 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 81826224
Conc: 40.96 ng/ml

Instrument :

ECD_L

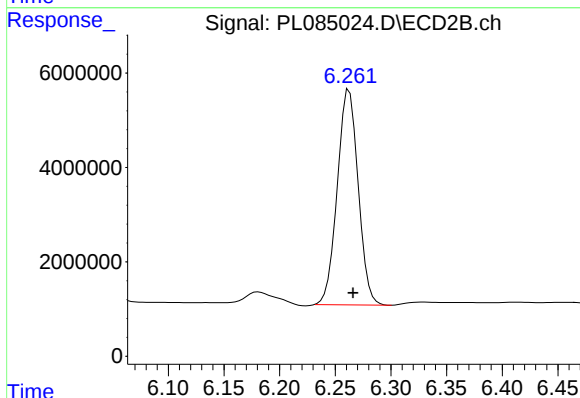
ClientSampleId :

WC-SCAS-01MS

Manual Integrations

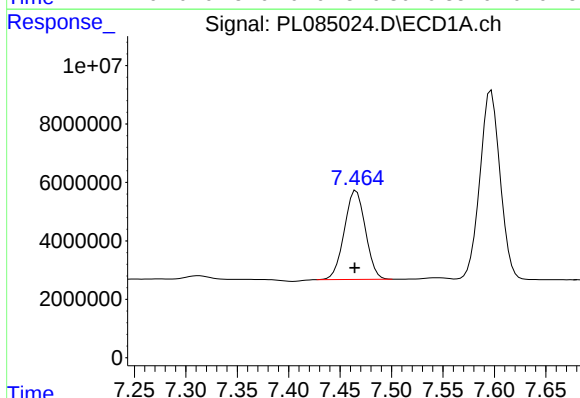
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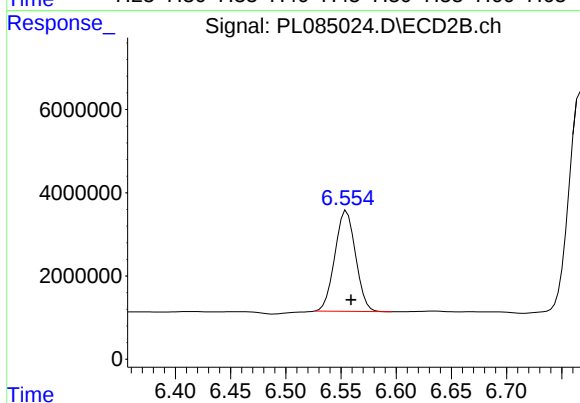
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 59695524
Conc: 50.20 ng/ml



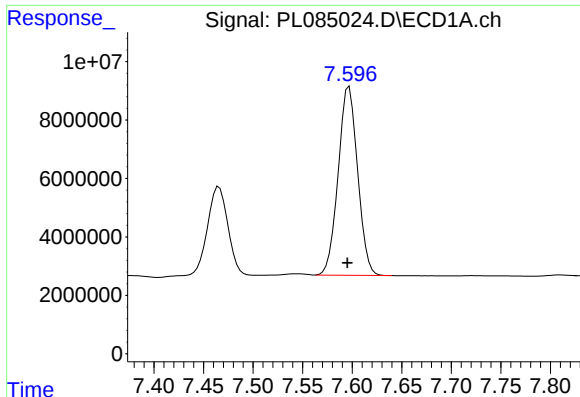
#20 Methoxychlor

R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 43425711
Conc: 45.25 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.004 min
Response: 31631738
Conc: 46.10 ng/ml



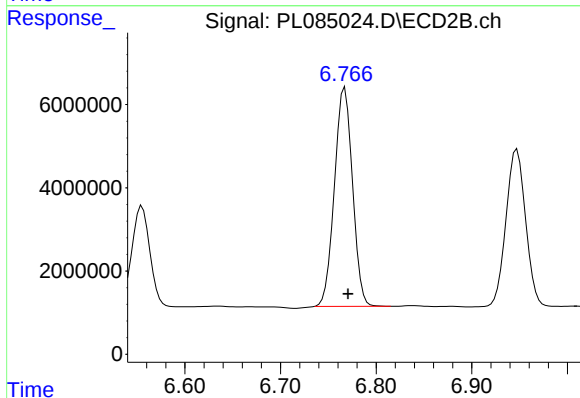
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.002 min
Response: 88115243
Conc: 44.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

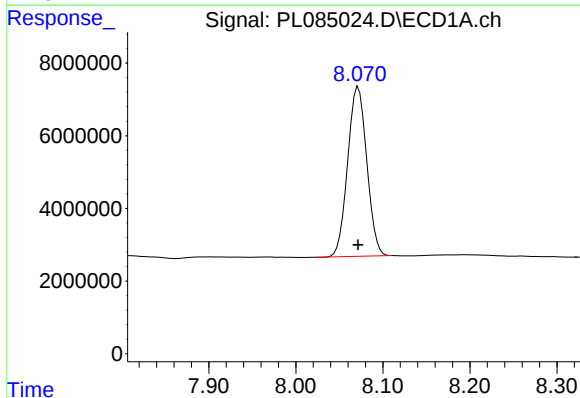
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/29/2023
Supervised By :Ankita Jodhani 08/29/2023



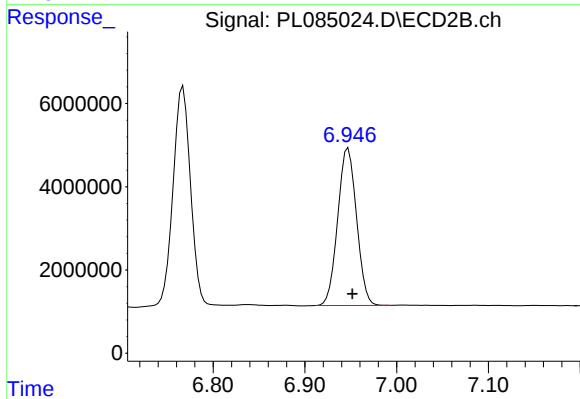
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 69096614
Conc: 47.89 ng/ml



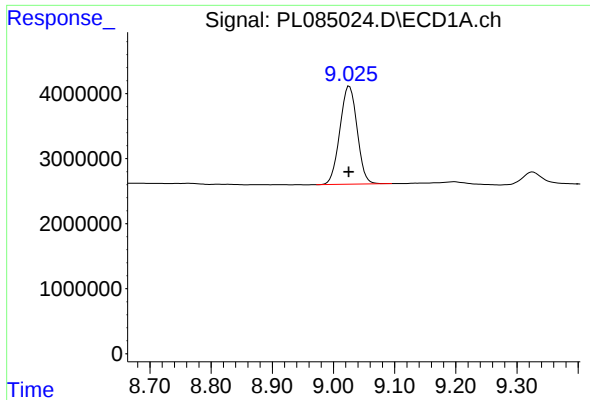
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 71254217
Conc: 42.90 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.005 min
Response: 53946134
Conc: 46.78 ng/ml



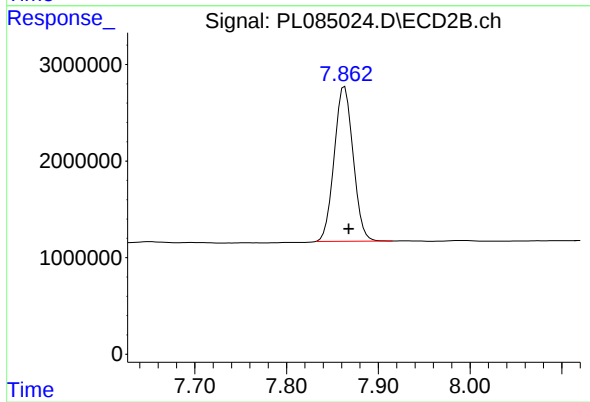
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.001 min
Response: 29541111
Conc: 18.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-SCAS-01MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.004 min
Response: 22990086
Conc: 18.44 ng/ml