

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
 Data File : PL085021.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2023 13:43
 Operator : AR\AJ
 Sample : 04188-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MSD

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 22:08:07 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...	3.476	2.684	37212877	18055810	16.016	16.604
28)	SA Decachlor...	9.026	7.863	24795690	18946045	15.239	15.196
Target Compounds							
2)	A alpha-BHC	3.934	3.189	141.0E6	71017666	42.718	45.994
3)	MA gamma-BHC...	4.269	3.520	130.5E6	67076899	40.903	44.143
4)	MA Heptachlor	4.859	3.860	126.4E6	62661668	37.588m	44.000
5)	MB Aldrin	5.203	4.140	118.2E6	64748628	35.769	44.550
6)	B beta-BHC	4.469	3.822	58988515	29546866	42.228	44.098
7)	B delta-BHC	4.715	4.050	130.2E6	67195264	40.381	44.259
8)	B Heptachlo...	5.633	4.646	114.0E6	59736081	37.836	45.022
9)	A Endosulfan I	6.019	5.017	100.1E6	55589201	38.011	44.855
10)	B gamma-Chl...	5.890	4.898	105.5E6	68426114	36.846	50.452 #
11)	B alpha-Chl...	5.970	4.963	104.6E6	61558678	37.035	45.181
12)	B 4,4'-DDE	6.149	5.161	88600246	57727043	38.601	46.877
13)	MA Dieldrin	6.295	5.283	96085454	59782161	36.360	44.029
14)	MA Endrin	6.525	5.559	82110343	55657033	37.648	45.501
15)	B Endosulfa...	6.746	5.856	75720076	51437541	35.801	42.631
16)	A 4,4'-DDD	6.668	5.719	70823914	47458423	42.243	45.932
17)	MA 4,4'-DDT	6.983	5.971	76551090	52847913	40.855	45.537
18)	B Endrin al...	6.877	6.037	60191859	39985712	35.681	40.318
19)	B Endosulfa...	7.113	6.263	77000642	50338591	38.545	42.330
20)	A Methoxychlor	7.465	6.556	38204773	28567021	39.810	41.637
21)	B Endrin ke...	7.597	6.767	77507044	61590890	38.745	42.688
22)	Mirex	8.072	6.948	64698765	49254128	38.956	42.708

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082823\
Data File : PL085021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2023 13:43
Operator : AR\AJ
Sample : 04188-07MSD
Misc :
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Instrument :

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Manual Integrations

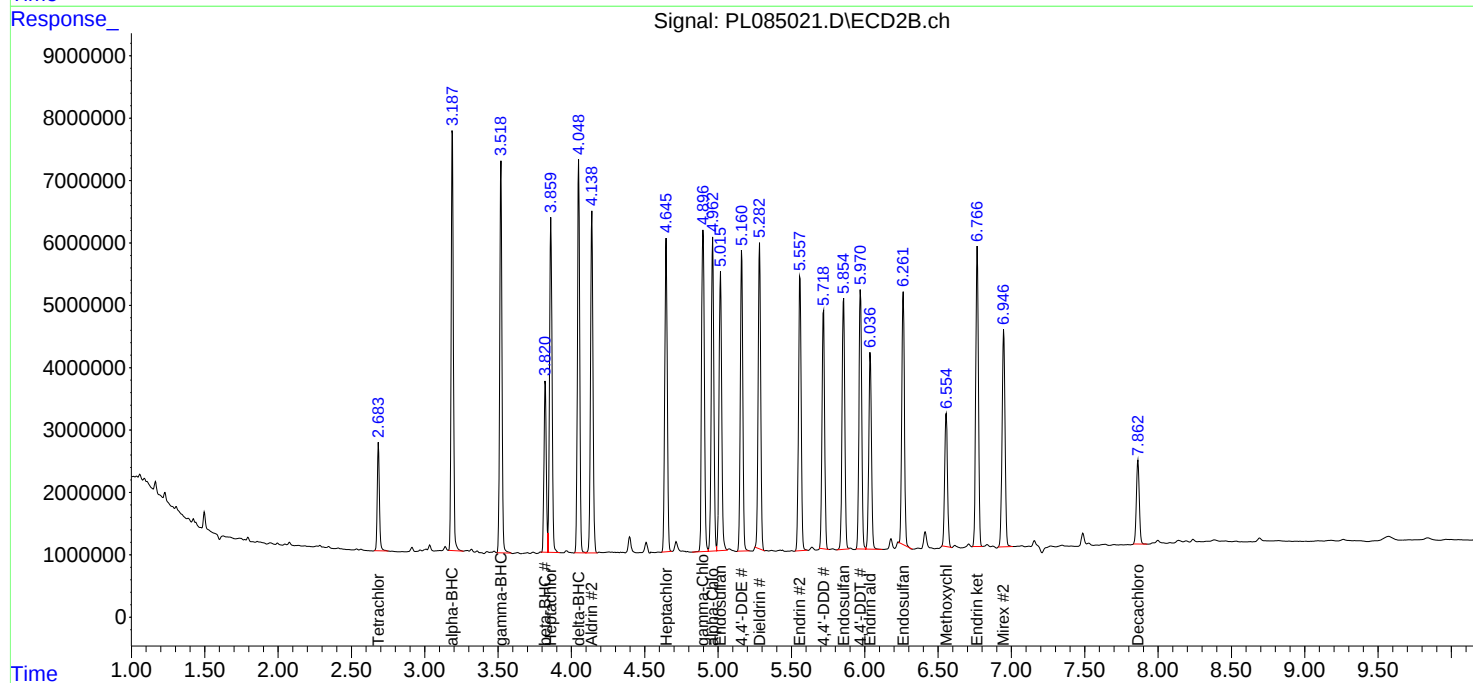
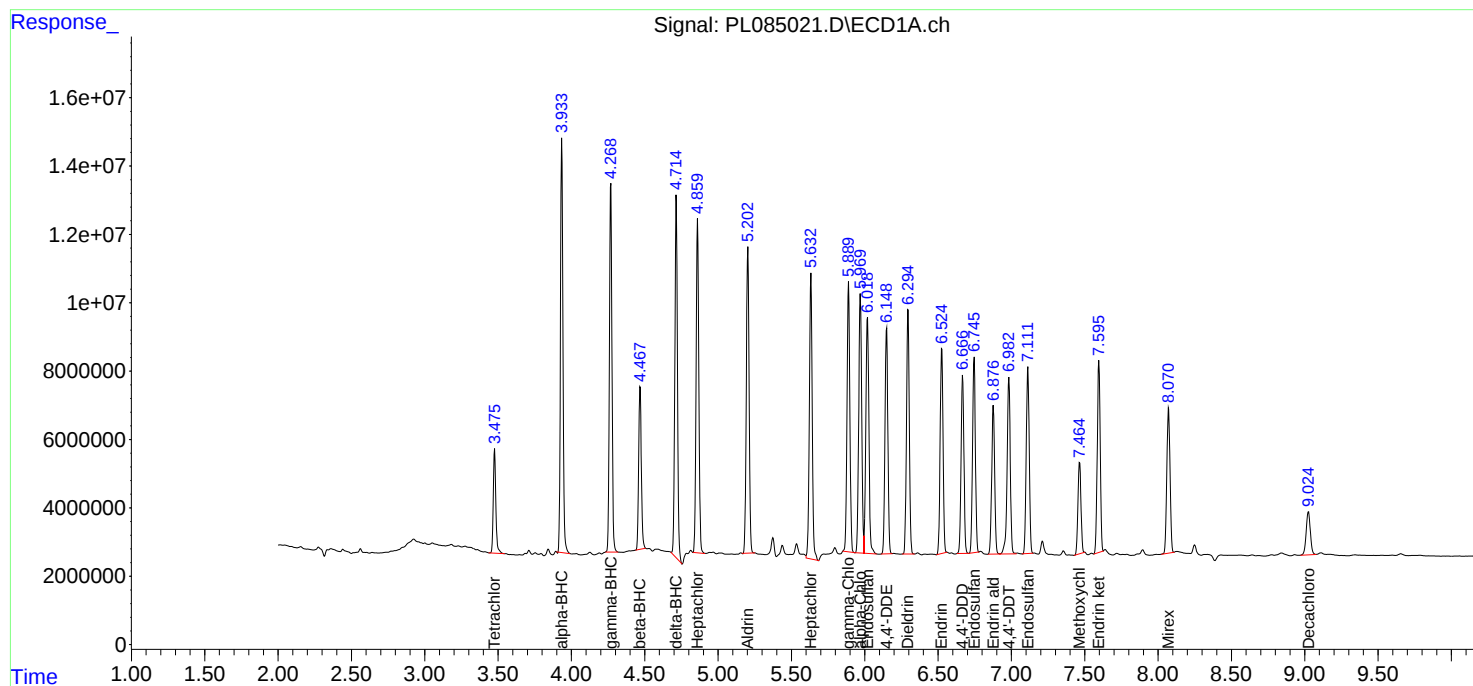
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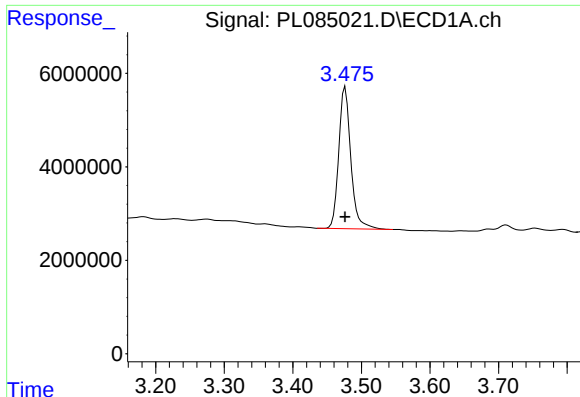
Reviewed By :Abdul Mirza 08/29/2023

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 28 22:08:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 16:21:43 2023
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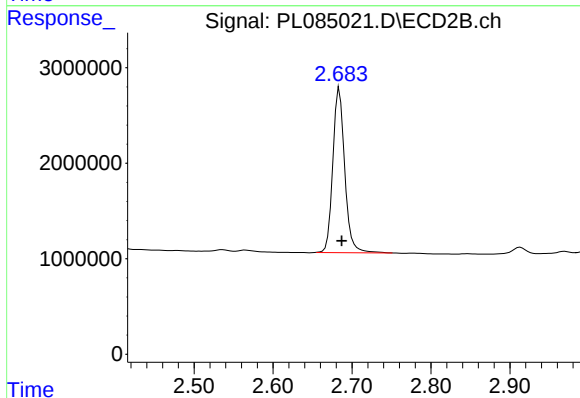
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 37212877
Conc: 16.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

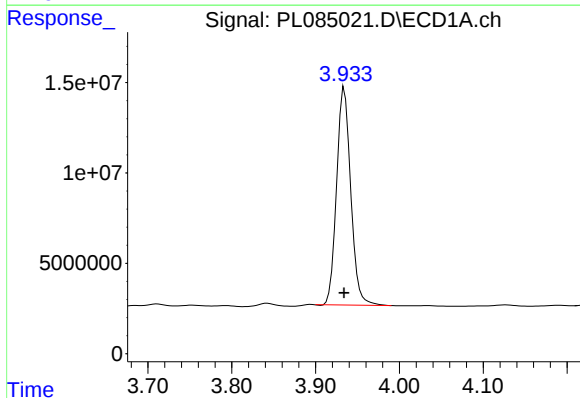
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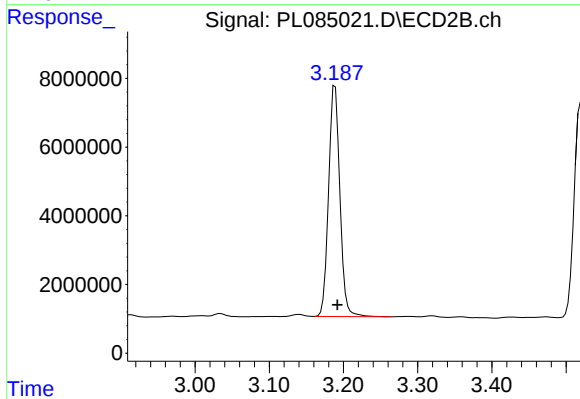
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.003 min
Response: 18055810
Conc: 16.60 ng/ml



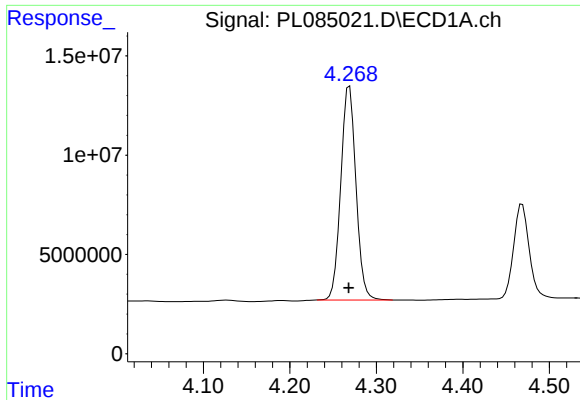
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 141029244
Conc: 42.72 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 71017666
Conc: 45.99 ng/ml



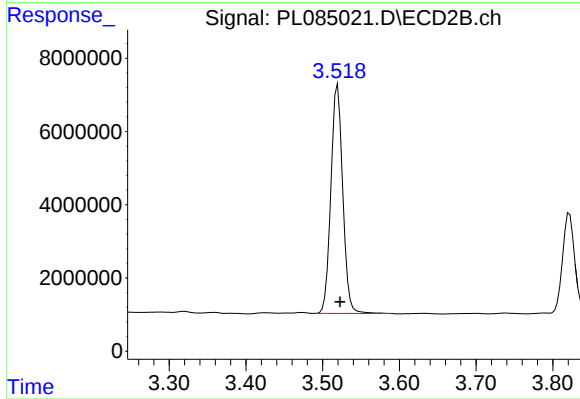
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 130479417
Conc: 40.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

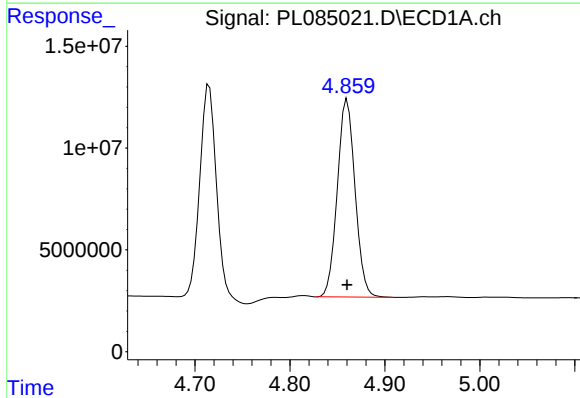
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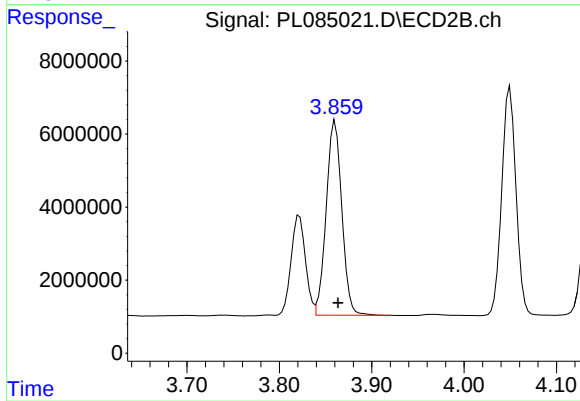
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 67076899
Conc: 44.14 ng/ml



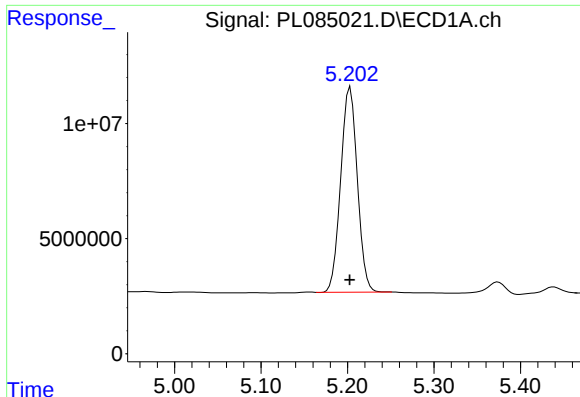
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 126401583
Conc: 37.59 ng/ml m



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 62661668
Conc: 44.00 ng/ml



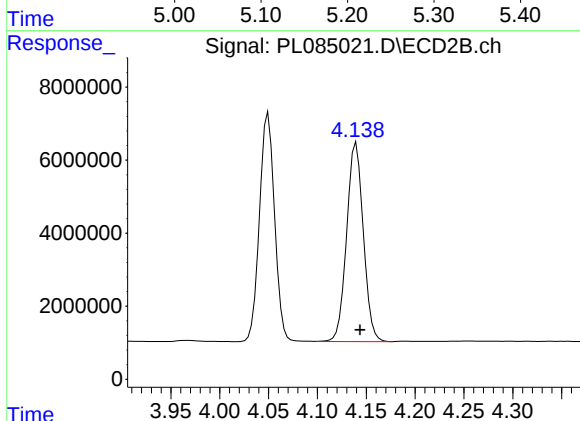
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 118230185
Conc: 35.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

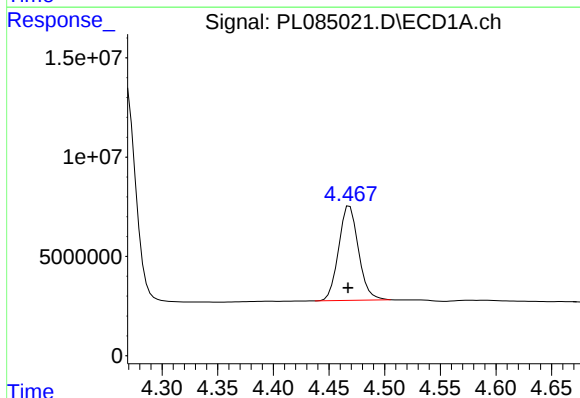
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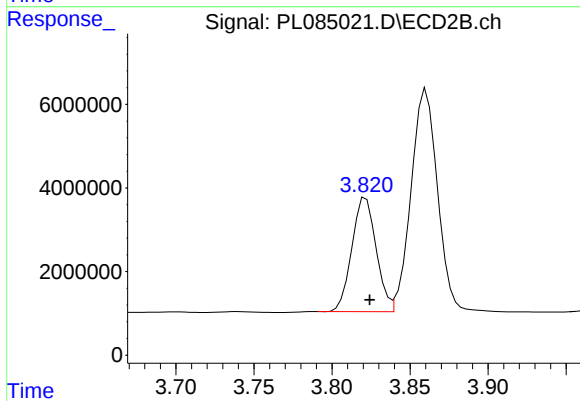
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 64748628
Conc: 44.55 ng/ml



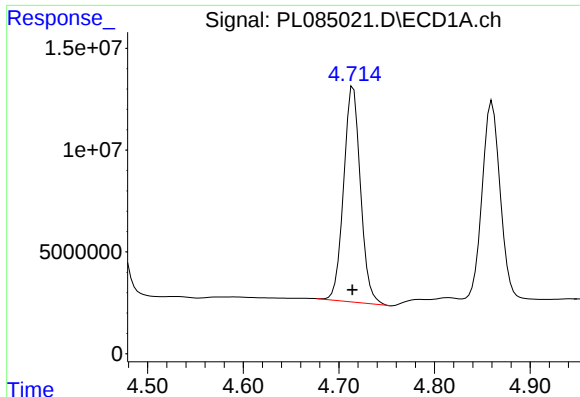
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 58988515
Conc: 42.23 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: -0.003 min
Response: 29546866
Conc: 44.10 ng/ml



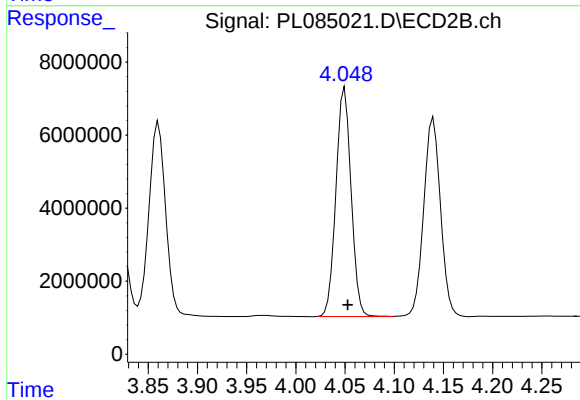
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.001 min
Response: 130218174
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

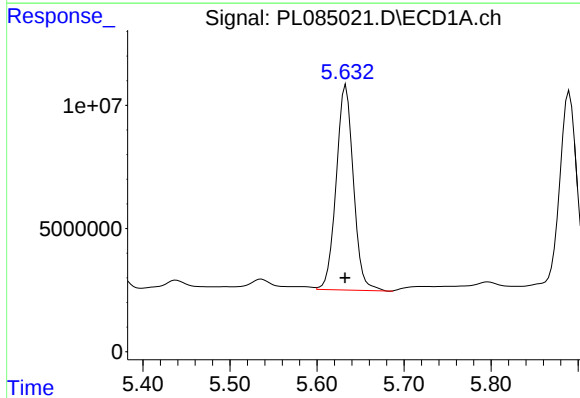
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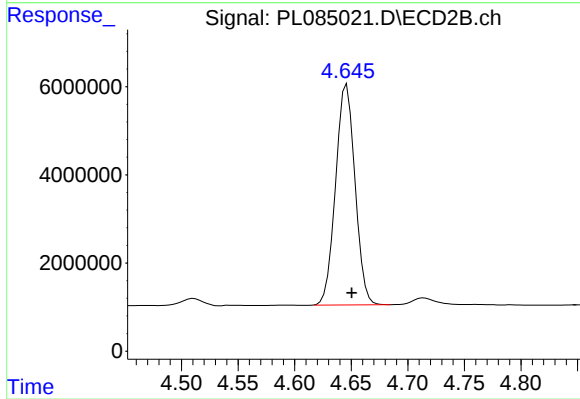
#7 delta-BHC

R.T.: 4.050 min
Delta R.T.: -0.003 min
Response: 67195264
Conc: 44.26 ng/ml



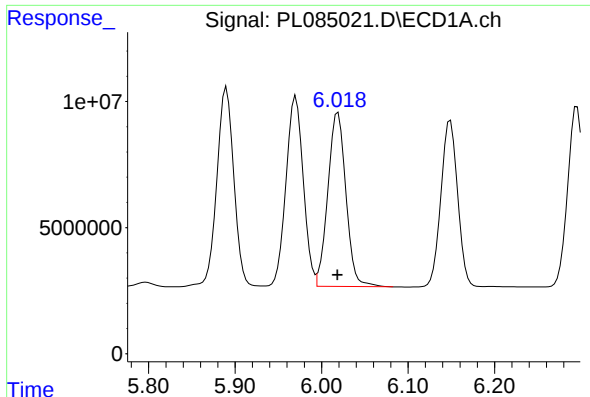
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 113988122
Conc: 37.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.646 min
Delta R.T.: -0.004 min
Response: 59736081
Conc: 45.02 ng/ml



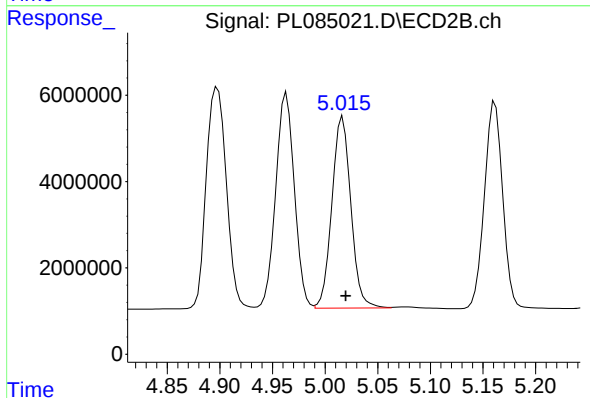
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 100055120
Conc: 38.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

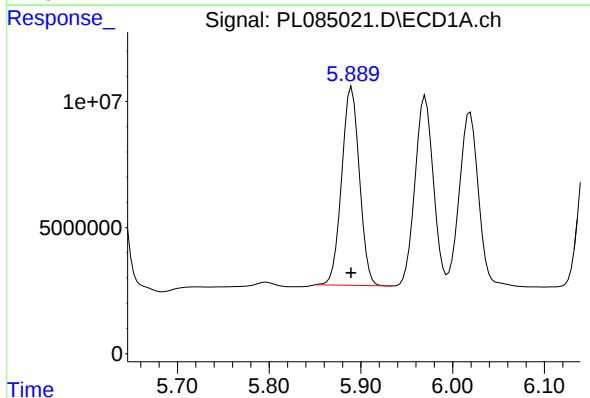
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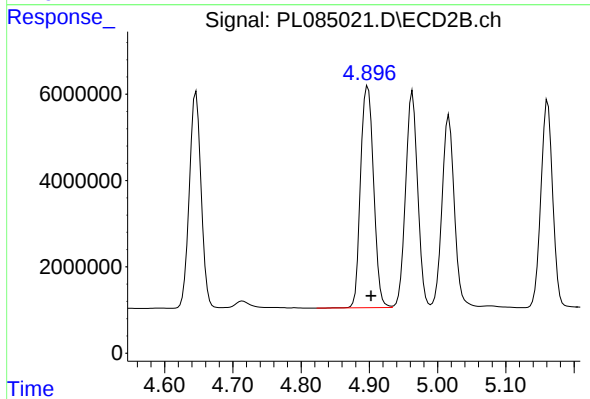
#9 Endosulfan I

R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 55589201
Conc: 44.86 ng/ml



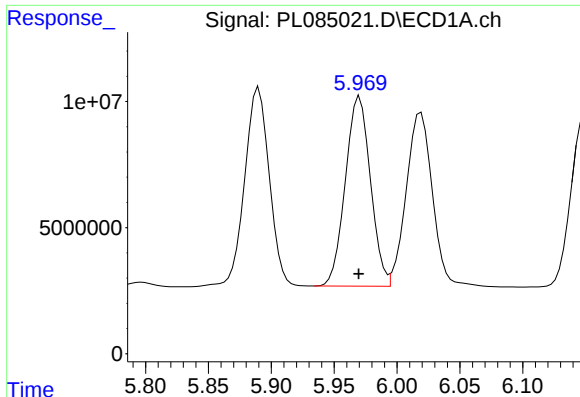
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 105512342
Conc: 36.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.898 min
Delta R.T.: -0.005 min
Response: 68426114
Conc: 50.45 ng/ml



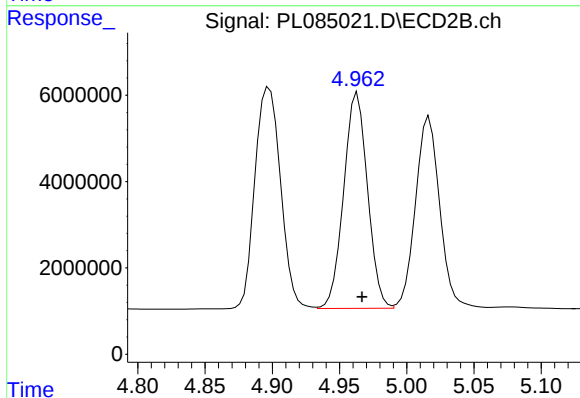
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 104556455
Conc: 37.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

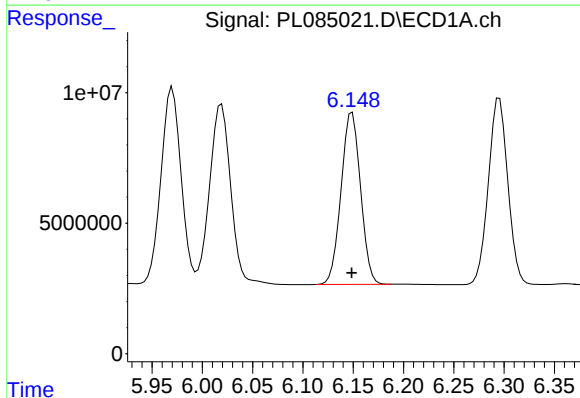
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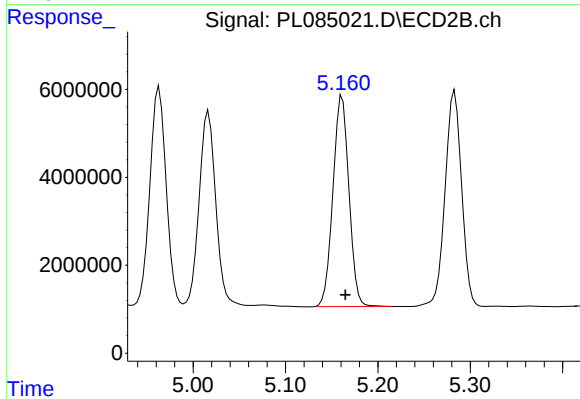
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.004 min
Response: 61558678
Conc: 45.18 ng/ml



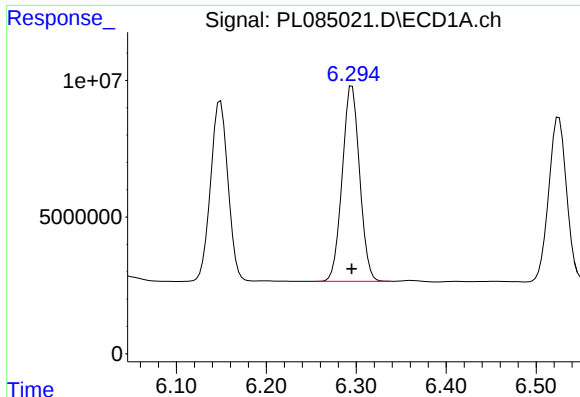
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 88600246
Conc: 38.60 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 57727043
Conc: 46.88 ng/ml



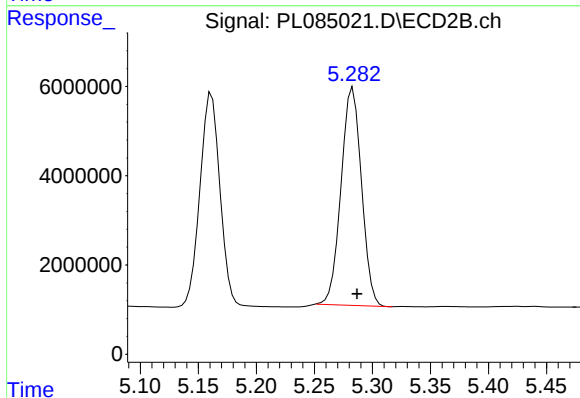
#13 Dieldrin

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 96085454
Conc: 36.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

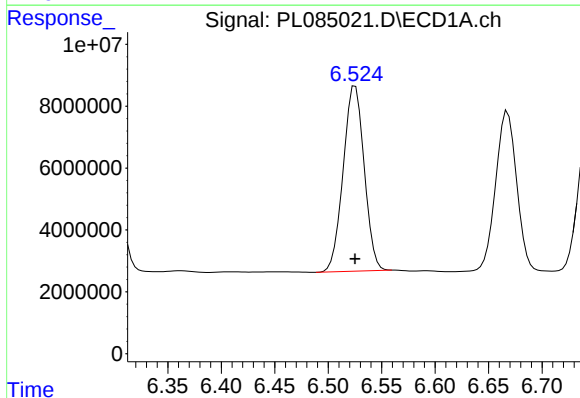
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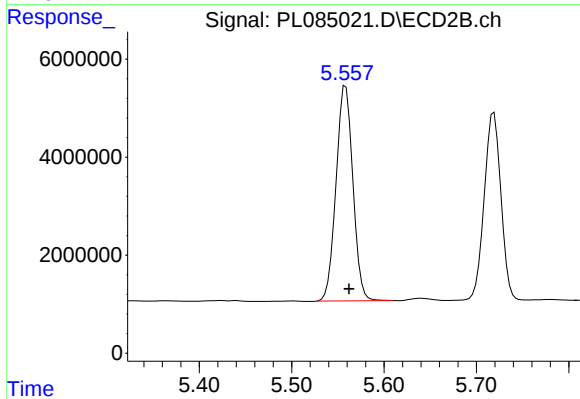
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.004 min
Response: 59782161
Conc: 44.03 ng/ml



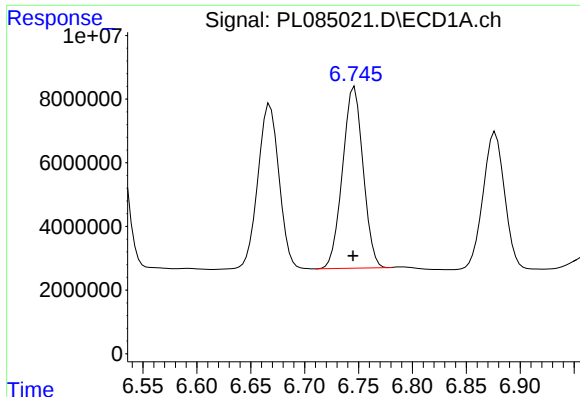
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 82110343
Conc: 37.65 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 55657033
Conc: 45.50 ng/ml



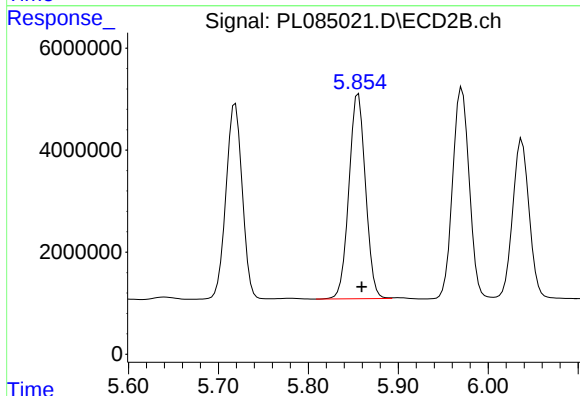
#15 Endosulfan II

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 75720076
Conc: 35.80 ng/ml

Instrument :
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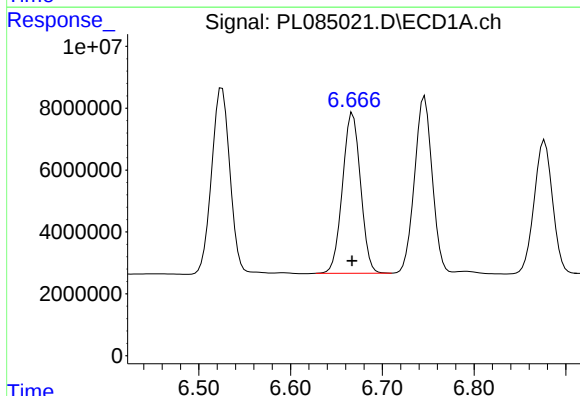
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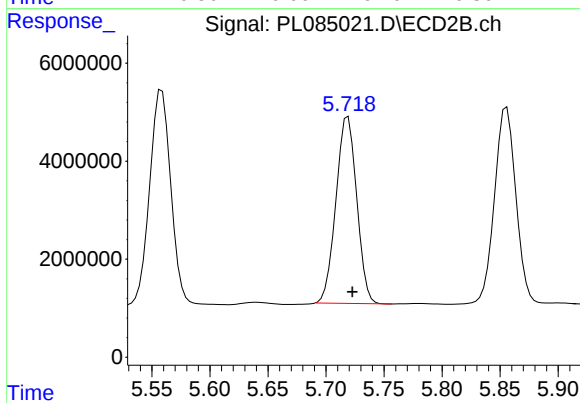
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.004 min
Response: 51437541
Conc: 42.63 ng/ml



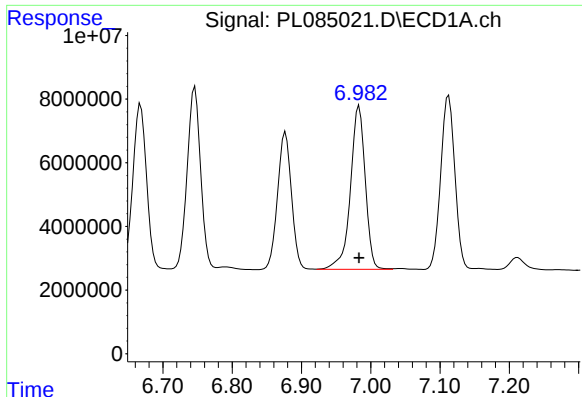
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 70823914
Conc: 42.24 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 47458423
Conc: 45.93 ng/ml



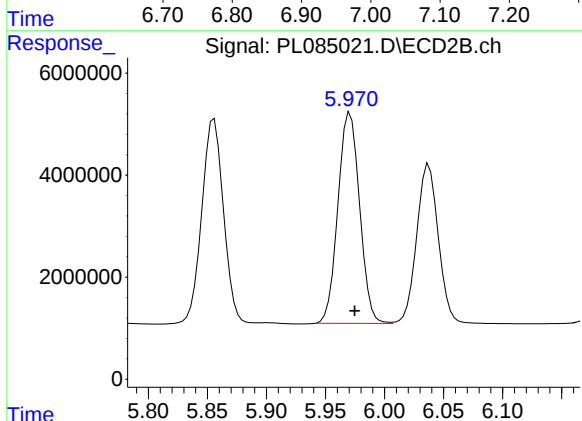
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 76551090
Conc: 40.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

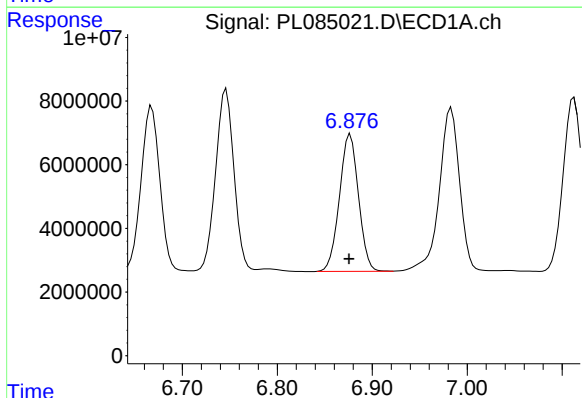
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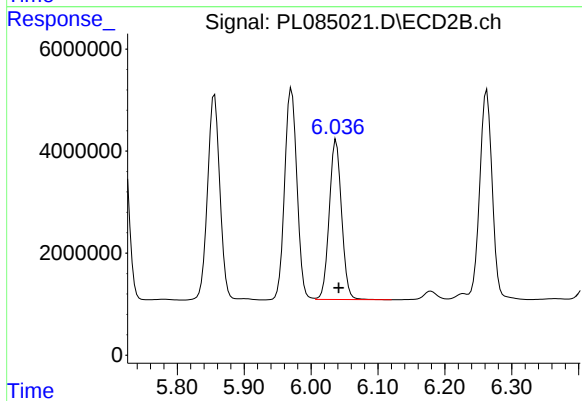
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 52847913
Conc: 45.54 ng/ml



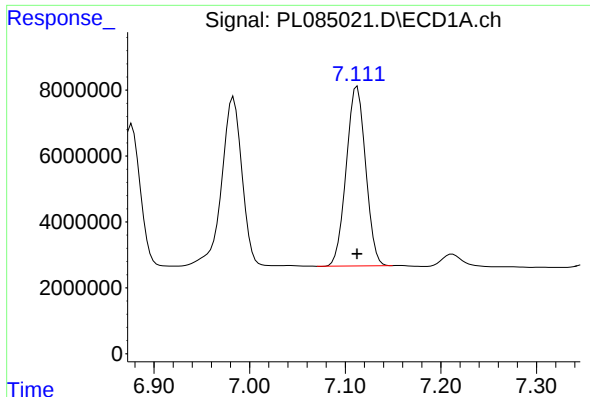
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 60191859
Conc: 35.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.004 min
Response: 39985712
Conc: 40.32 ng/ml



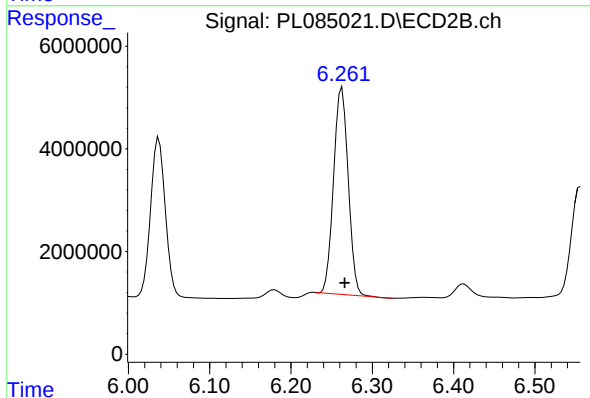
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: 0.000 min
Response: 77000642
Conc: 38.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

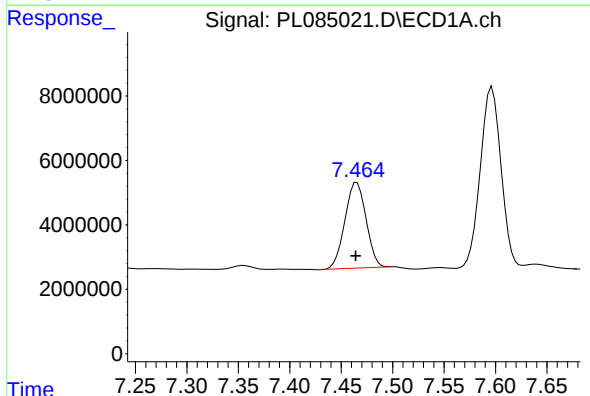
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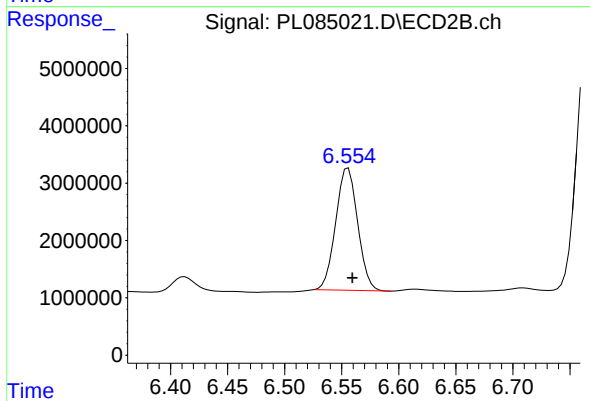
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.003 min
Response: 50338591
Conc: 42.33 ng/ml



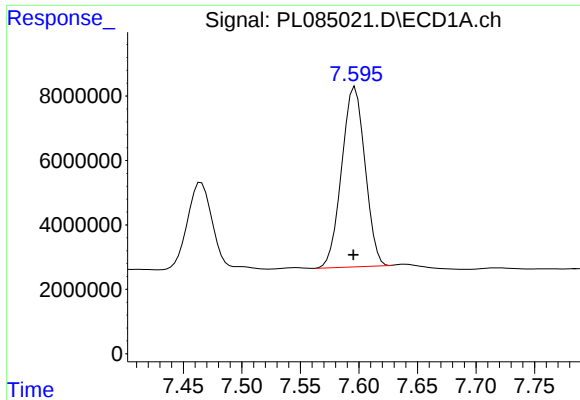
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.001 min
Response: 38204773
Conc: 39.81 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.004 min
Response: 28567021
Conc: 41.64 ng/ml



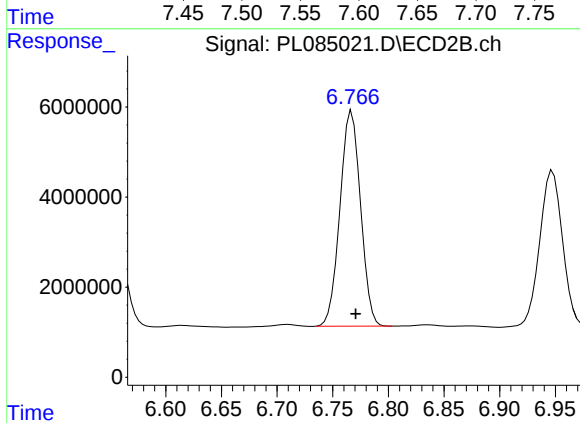
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.001 min
Response: 77507044
Conc: 38.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

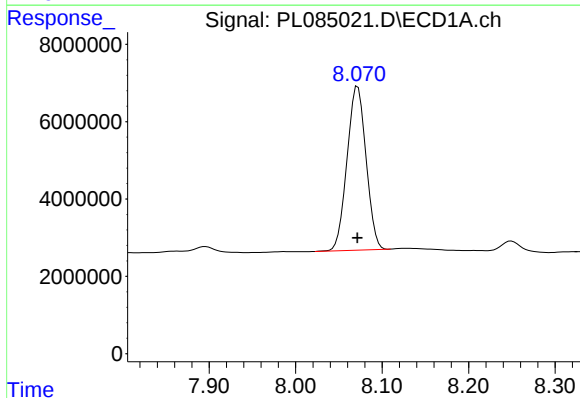
Manual Integrations
APPROVED

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



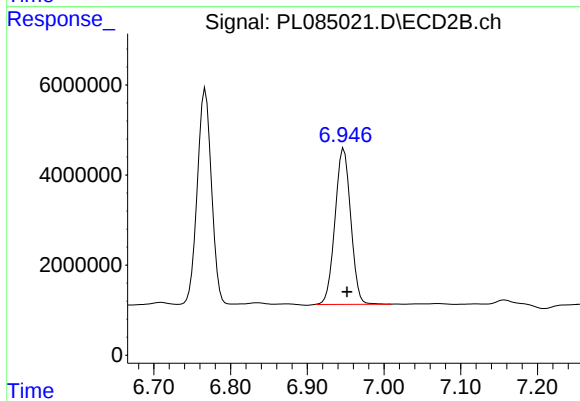
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 61590890
Conc: 42.69 ng/ml



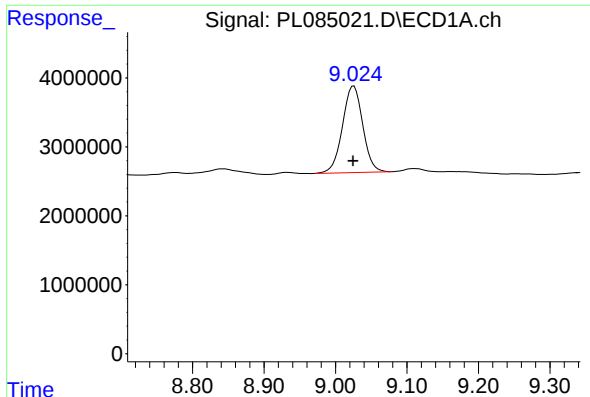
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 64698765
Conc: 38.96 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.004 min
Response: 49254128
Conc: 42.71 ng/ml



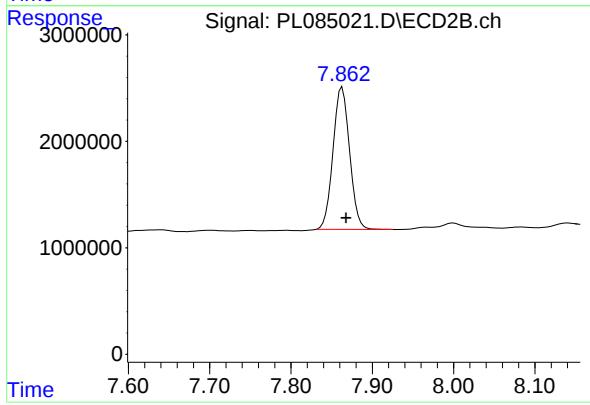
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 24795690
Conc: 15.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MSD

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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.005 min
Response: 18946045
Conc: 15.20 ng/ml