

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
 Data File : PL082607.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 14:40
 Operator : AR\AJ
 Sample : PB152689BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152689BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/11/2023
 Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:05:54 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...	3.322	2.643	51139834	41395175	19.145	17.868
28)	SA Decachlor...	8.743	7.754	41506007	46864364	21.741	20.532
Target Compounds							
2)	A alpha-BHC	3.771	3.140	179.8E6	142.8E6	45.176	41.966
3)	MA gamma-BHC...	4.099	3.467	172.7E6	136.9E6	46.189	42.575
4)	MA Heptachlor	4.678	3.799	167.7E6	142.6E6	45.903	41.668
5)	MB Aldrin	5.015	4.074	156.0E6	133.3E6	47.303	42.329m
6)	B beta-BHC	4.303	3.768	75485300	56985107	44.260	41.766
7)	B delta-BHC	4.544	3.993	172.9E6	136.6E6	48.068	44.529
8)	B Heptachlo...	5.441	4.577	145.7E6	127.4E6	47.751	44.219
9)	A Endosulfan I	5.822	4.945	133.2E6	118.3E6	48.032	44.329
10)	B gamma-Chl...	5.696	4.826	152.2E6	129.5E6	50.605	44.636
11)	B alpha-Chl...	5.774	4.889	144.5E6	129.3E6	48.412	44.552
12)	B 4,4'-DDE	5.953	5.079	125.2E6	110.9E6	49.244	48.228
13)	MA Dieldrin	6.097	5.209	135.3E6	122.1E6	49.022	45.213
14)	MA Endrin	6.324	5.483	115.9E6	109.5E6	47.811	44.766
15)	B Endosulfa...	6.547	5.780	111.5E6	105.9E6	45.818	46.972
16)	A 4,4'-DDD	6.469	5.634	104.4E6	92882529	51.523	49.659
17)	MA 4,4'-DDT	6.780	5.883	105.8E6	95831227	46.247	45.362
18)	B Endrin al...	6.677	5.960	92136739	86431801	48.900	46.186
19)	B Endosulfa...	6.912	6.182	113.6E6	108.4E6	47.888	46.030
20)	A Methoxychlor	7.261	6.462	55967529	53532468	45.863	44.175
21)	B Endrin ke...	7.391	6.686	117.9E6	119.7E6	49.241	47.165m
22)	Mirex	7.856	6.858	88449280	98746294	45.212	42.854m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051023\
Data File : PL082607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 14:40
Operator : AR\AJ
Sample : PB152689BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152689BS

Manual Integrations

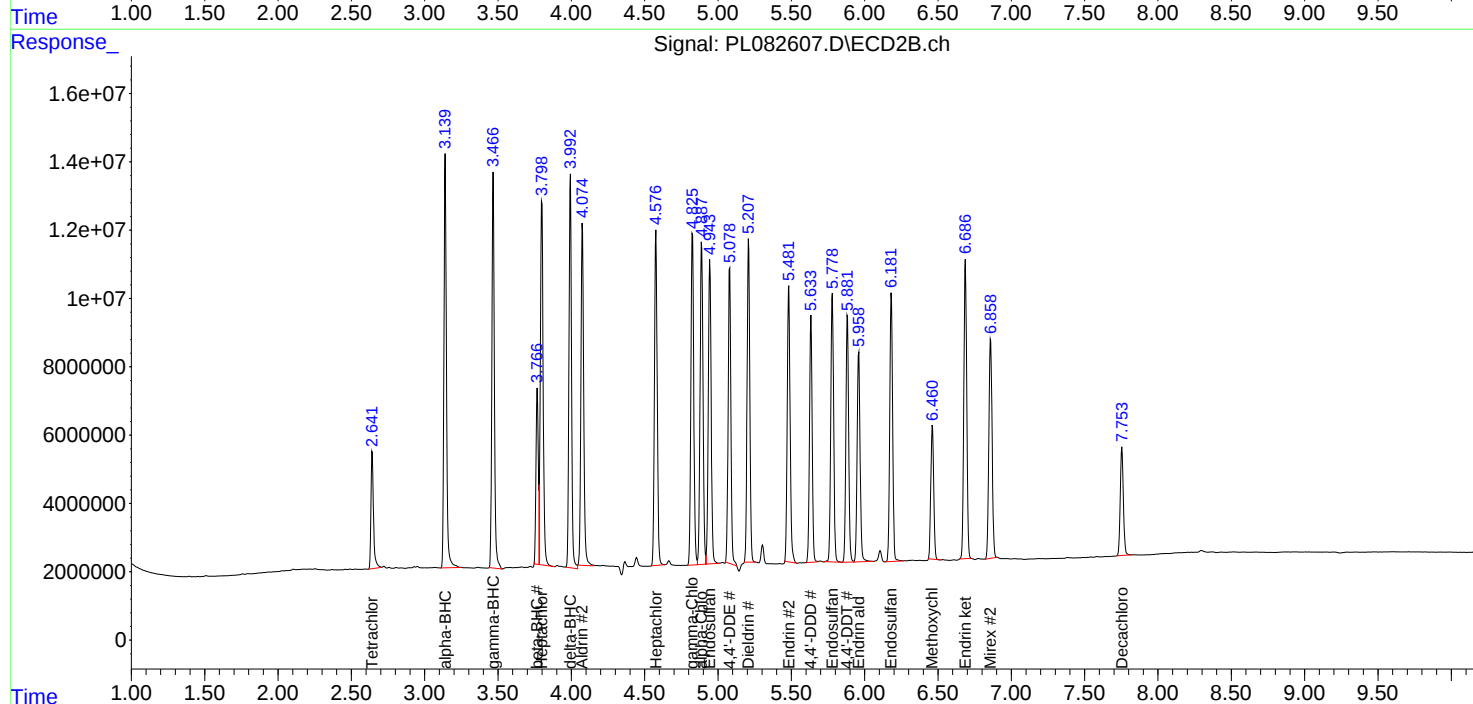
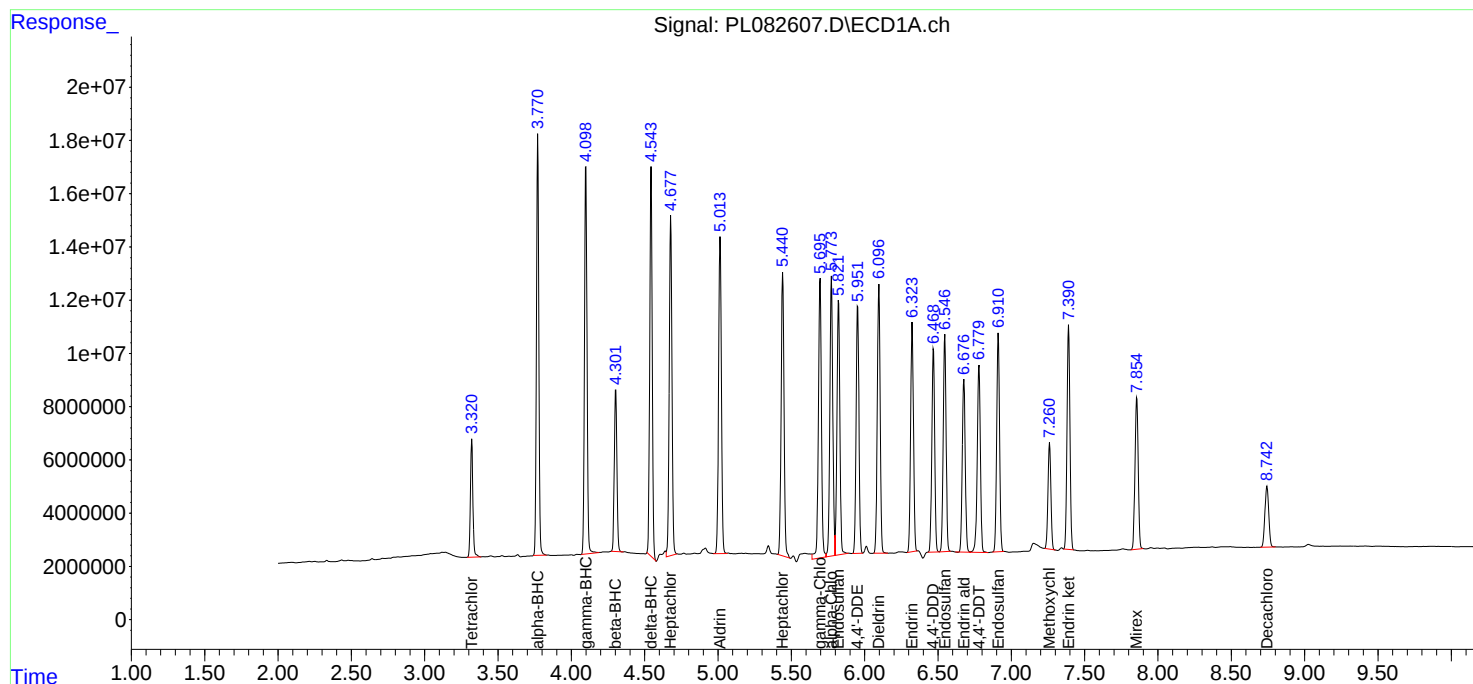
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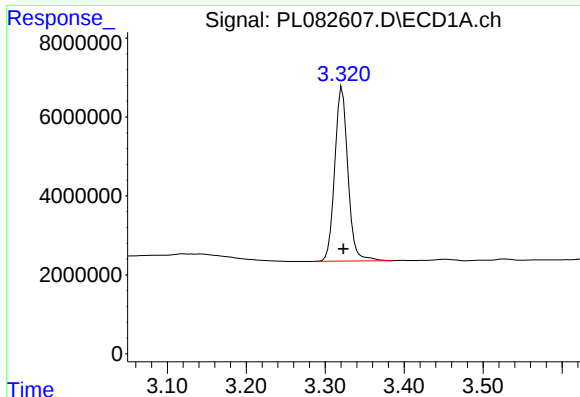
Reviewed By :Abdul Mirza 05/11/2023

Supervised By :Ankita Jodhani 05/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 21:05:54 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





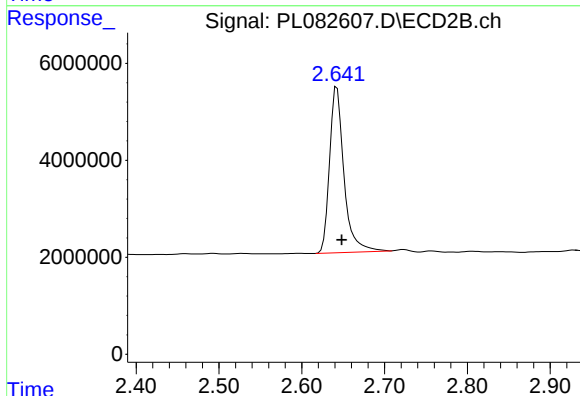
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 51139834
Conc: 19.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

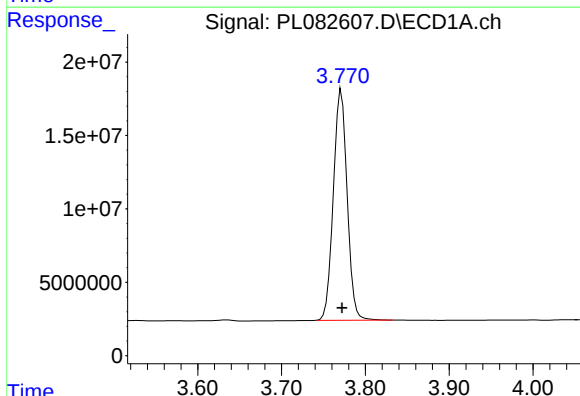
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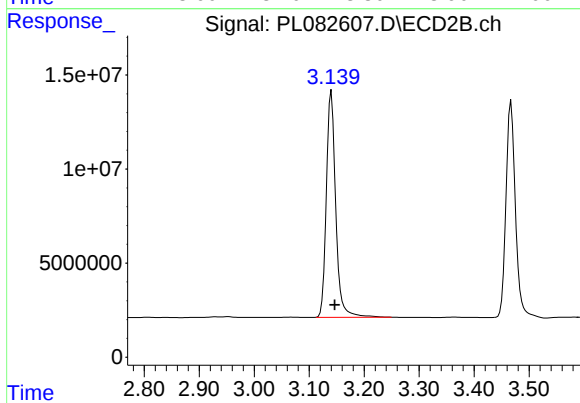
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 41395175
Conc: 17.87 ng/ml



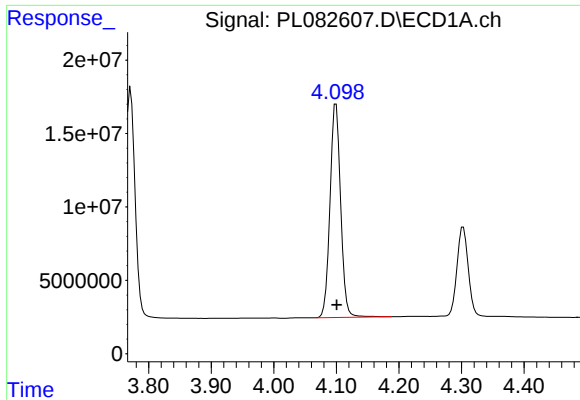
#2 alpha-BHC

R.T.: 3.771 min
Delta R.T.: 0.000 min
Response: 179813604
Conc: 45.18 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 142830356
Conc: 41.97 ng/ml



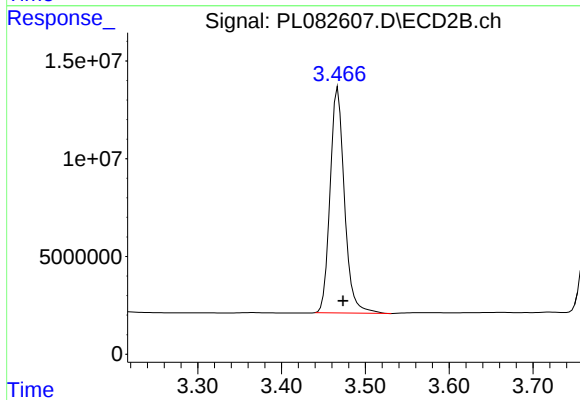
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 172697233
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

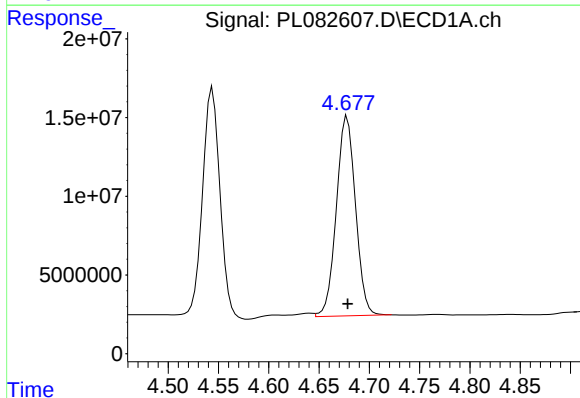
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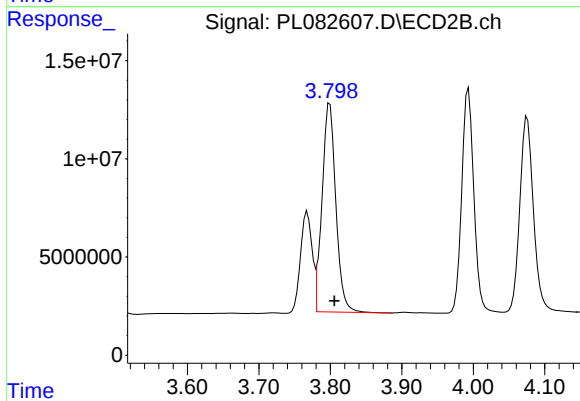
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 136890843
Conc: 42.58 ng/ml



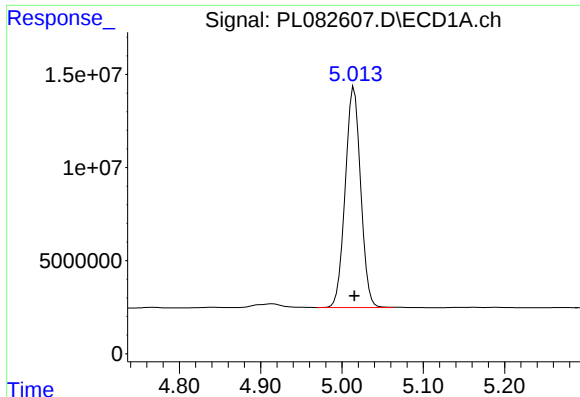
#4 Heptachlor

R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 167725546
Conc: 45.90 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.007 min
Response: 142638450
Conc: 41.67 ng/ml



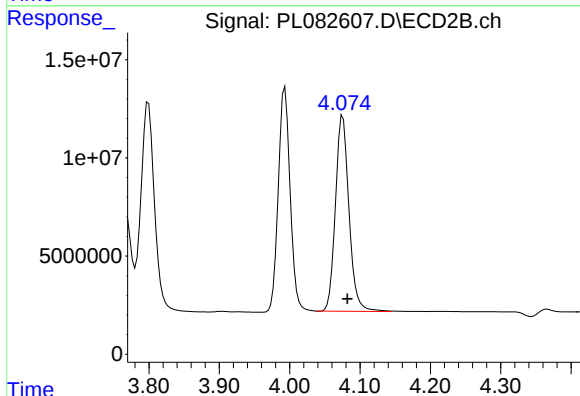
#5 Aldrin

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 155985982
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

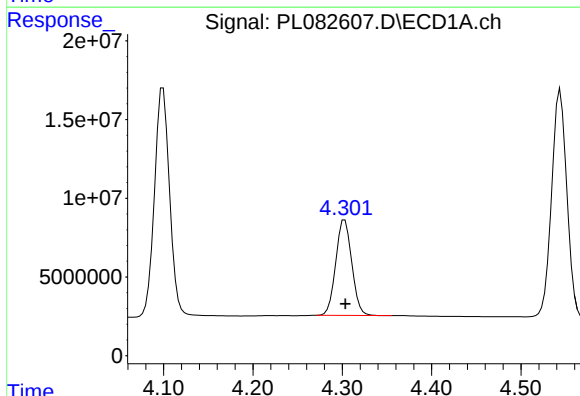
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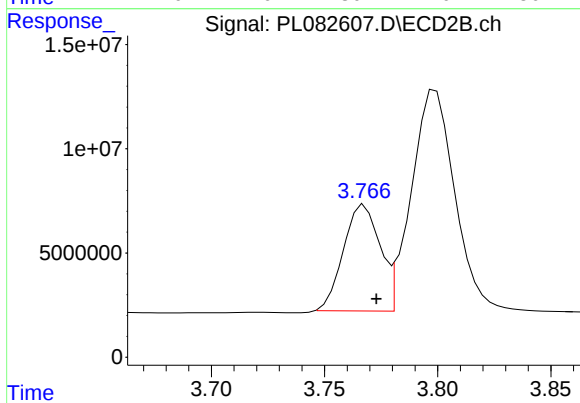
#5 Aldrin

R.T.: 4.074 min
Delta R.T.: -0.008 min
Response: 133331749
Conc: 42.33 ng/ml m



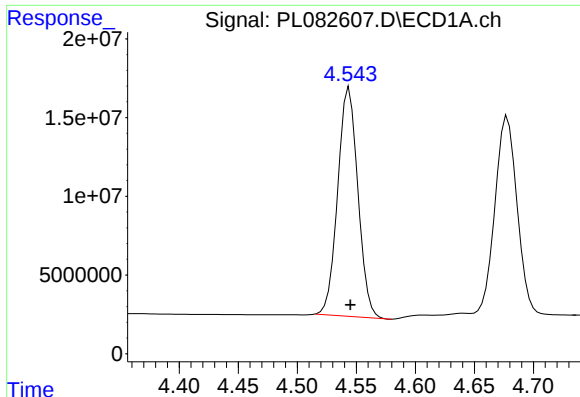
#6 beta-BHC

R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 75485300
Conc: 44.26 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 56985107
Conc: 41.77 ng/ml



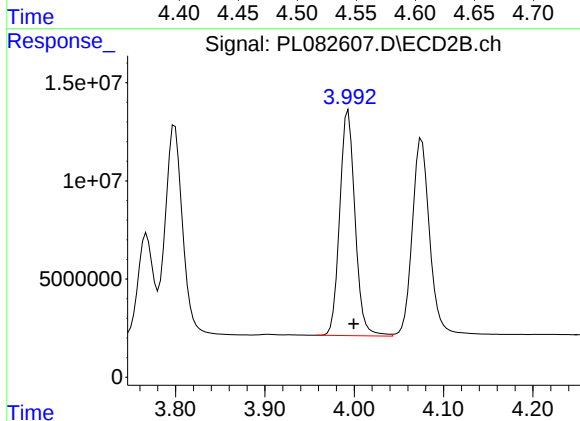
#7 delta-BHC

R.T.: 4.544 min
Delta R.T.: -0.001 min
Response: 172937019
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

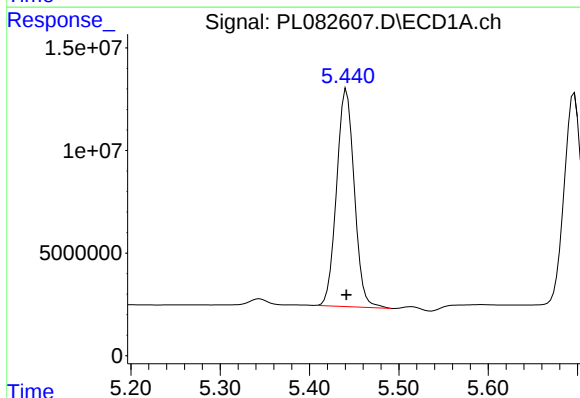
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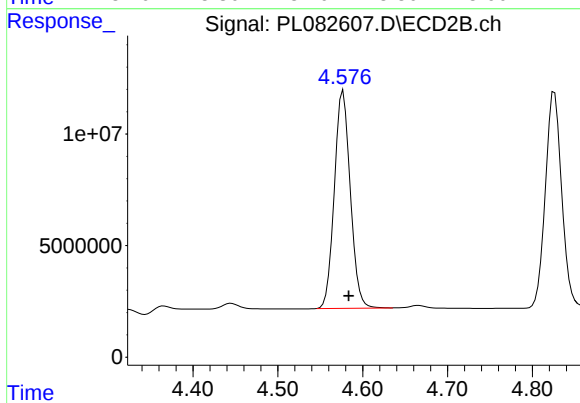
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 136587283
Conc: 44.53 ng/ml



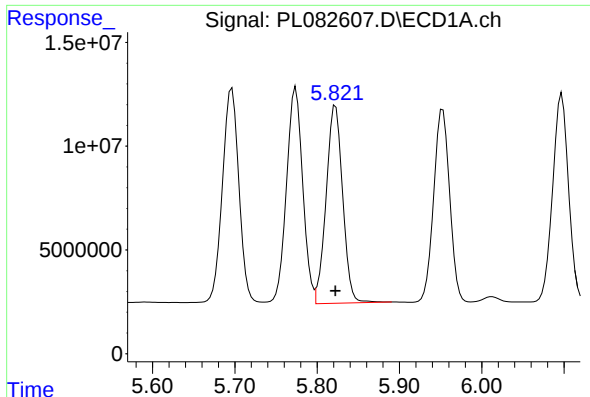
#8 Heptachlor epoxide

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 145657563
Conc: 47.75 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 127390593
Conc: 44.22 ng/ml



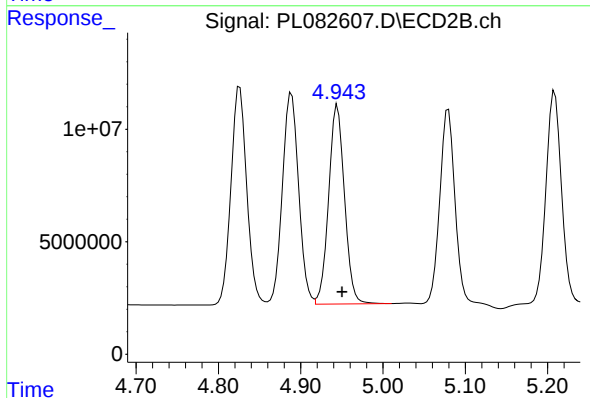
#9 Endosulfan I

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 133180408
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

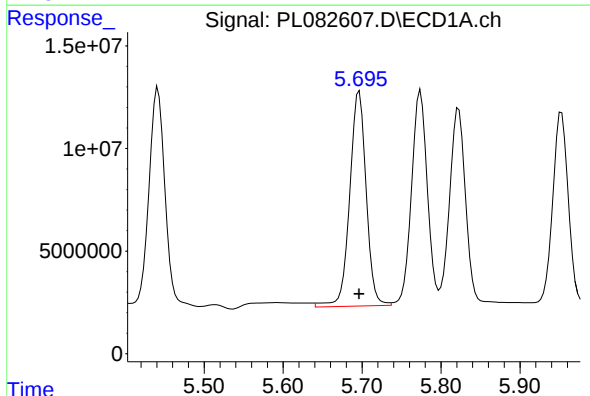
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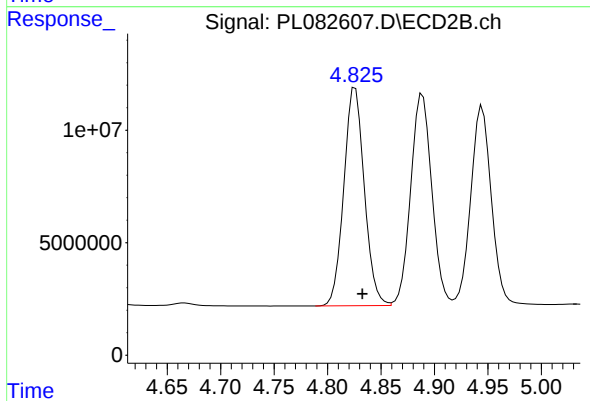
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 118332969
Conc: 44.33 ng/ml



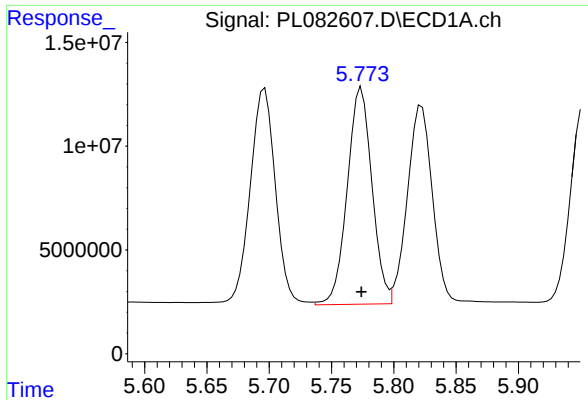
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 152161480
Conc: 50.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.007 min
Response: 129525877
Conc: 44.64 ng/ml



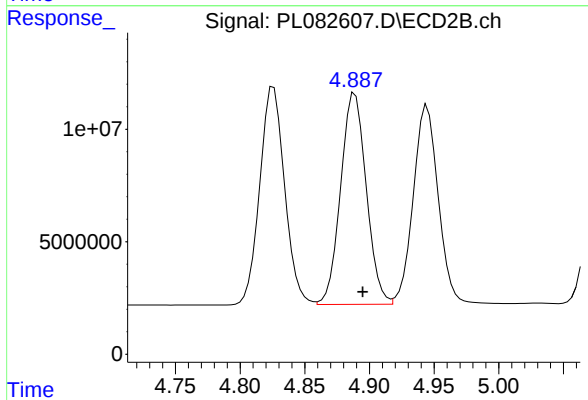
#11 alpha-Chlordane

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 144490252
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

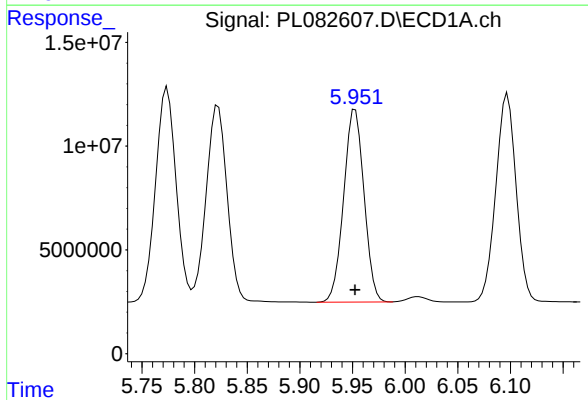
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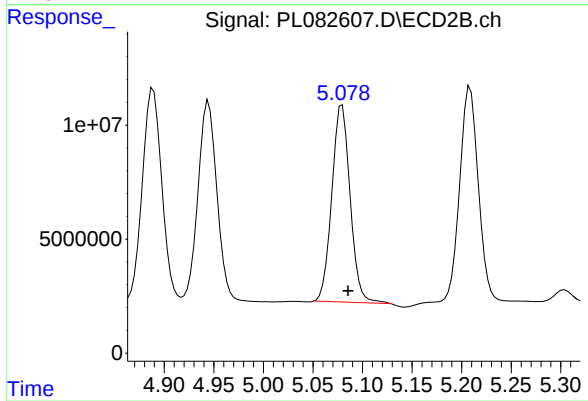
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 129328330
Conc: 44.55 ng/ml



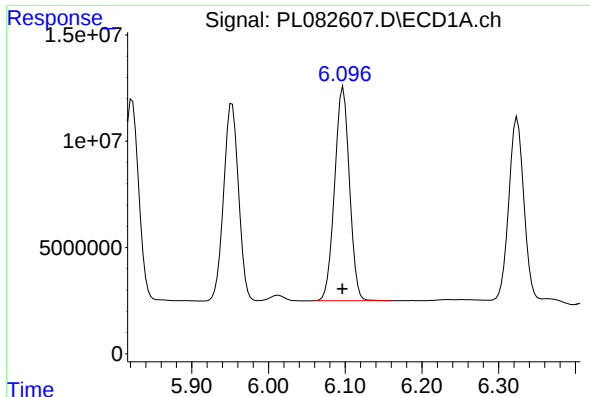
#12 4,4'-DDE

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 125180462
Conc: 49.24 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.006 min
Response: 110874703
Conc: 48.23 ng/ml



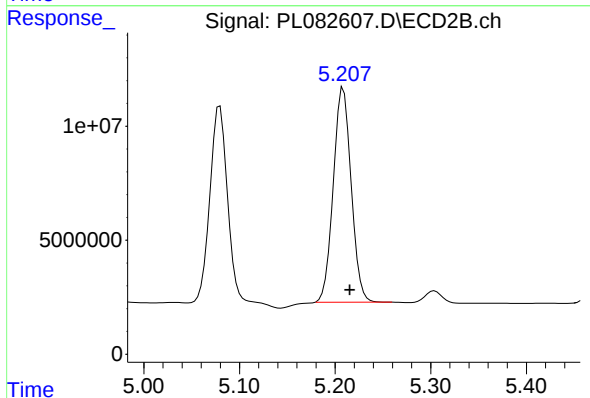
#13 Dieldrin

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 135258758
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

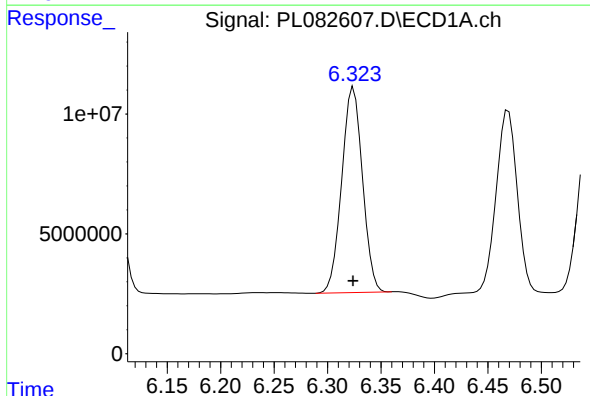
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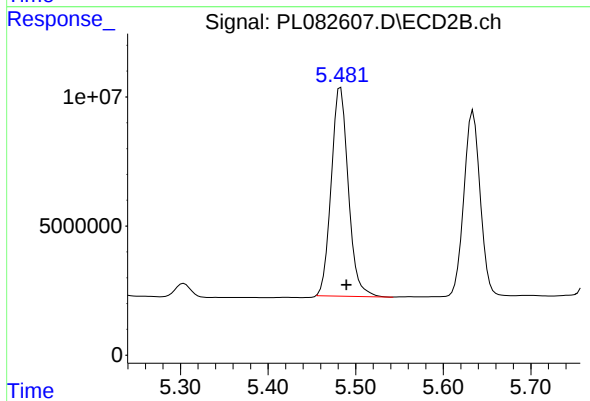
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.007 min
Response: 122091732
Conc: 45.21 ng/ml



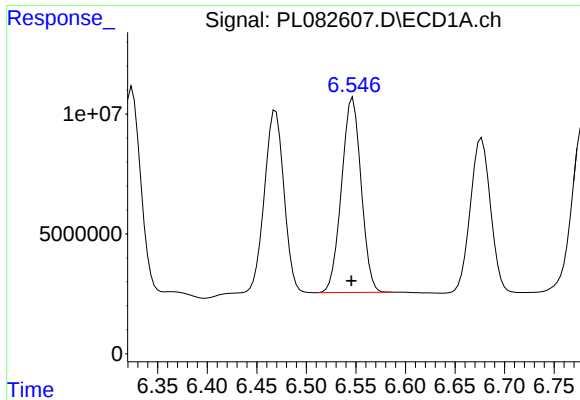
#14 Endrin

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 115921352
Conc: 47.81 ng/ml



#14 Endrin

R.T.: 5.483 min
Delta R.T.: -0.007 min
Response: 109496115
Conc: 44.77 ng/ml



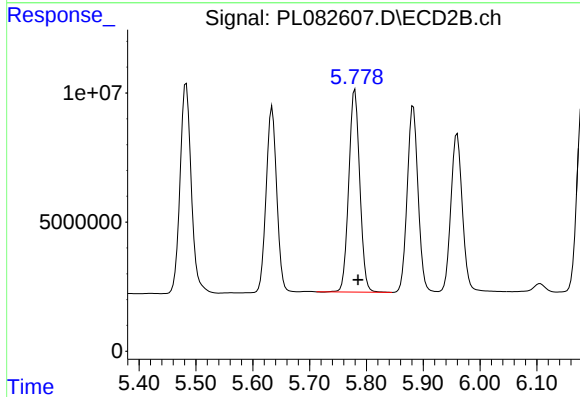
#15 Endosulfan II

R.T.: 6.547 min
Delta R.T.: 0.002 min
Response: 111546180
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

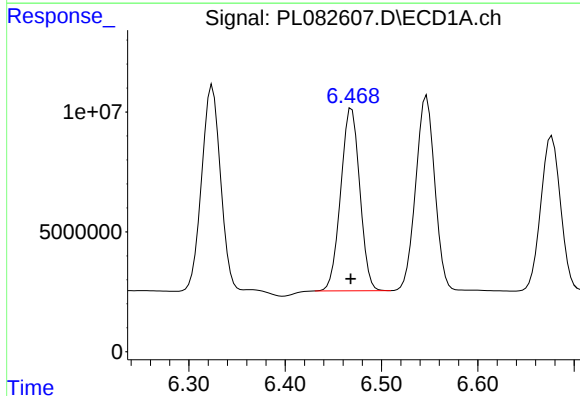
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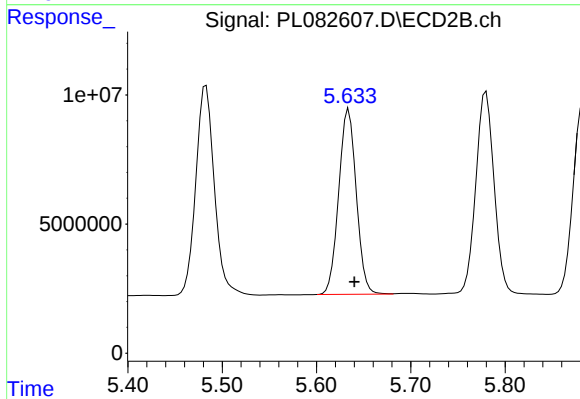
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 105879851
Conc: 46.97 ng/ml



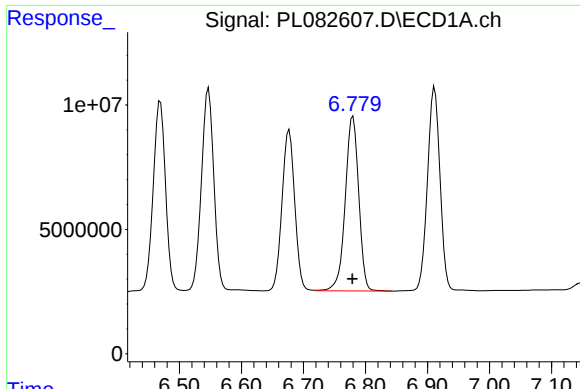
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: 0.000 min
Response: 104447606
Conc: 51.52 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 92882529
Conc: 49.66 ng/ml



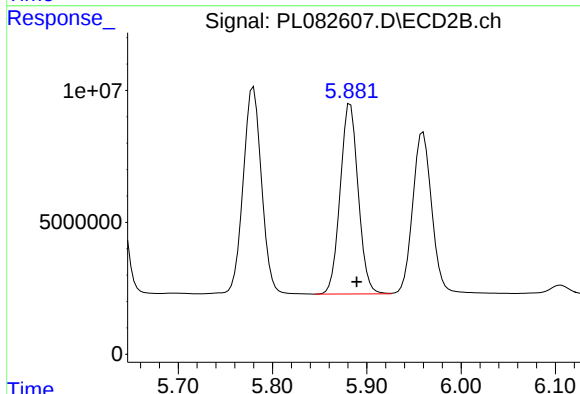
#17 4,4'-DDT

R.T.: 6.780 min
Delta R.T.: 0.000 min
Response: 105800279
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

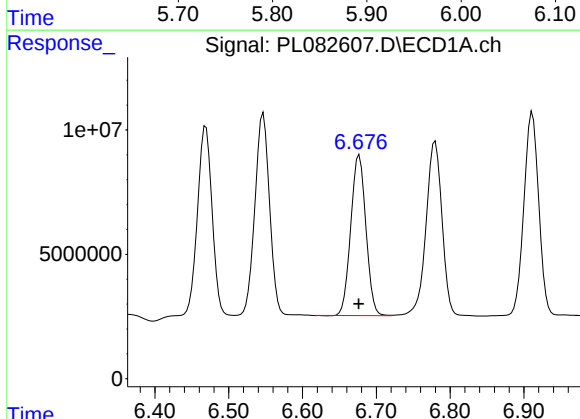
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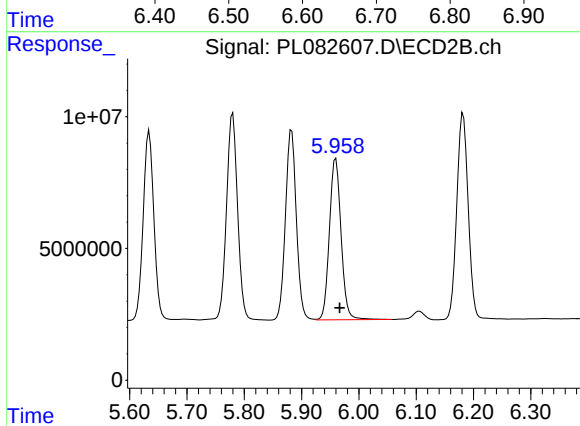
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.007 min
Response: 95831227
Conc: 45.36 ng/ml



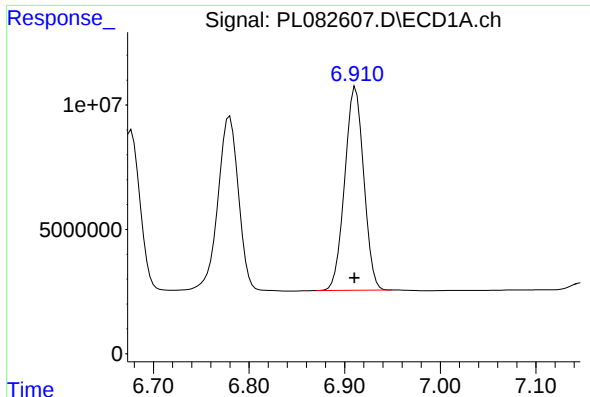
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 92136739
Conc: 48.90 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 86431801
Conc: 46.19 ng/ml



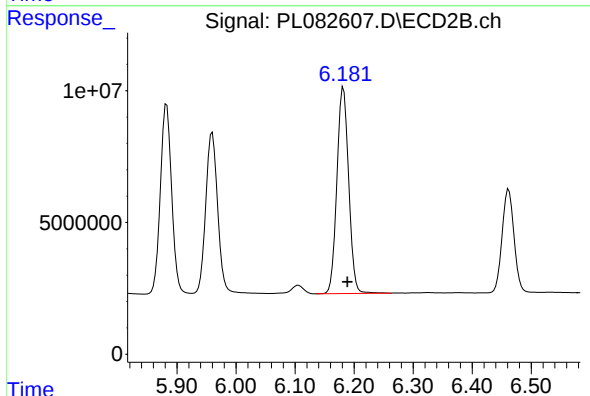
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.001 min
Response: 113568804
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

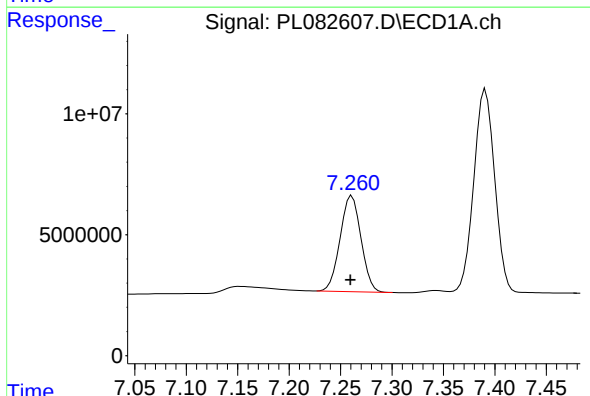
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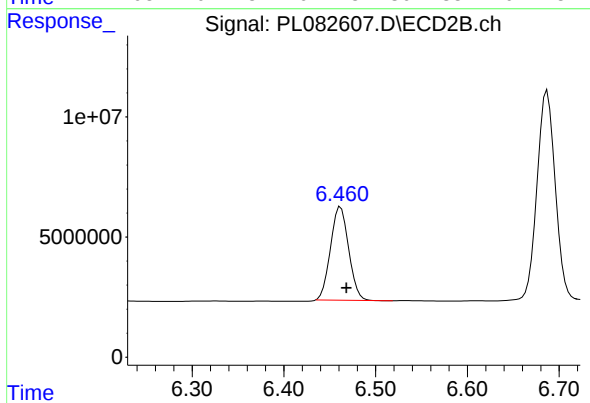
#19 Endosulfan Sulfate

R.T.: 6.182 min
Delta R.T.: -0.007 min
Response: 108367865
Conc: 46.03 ng/ml



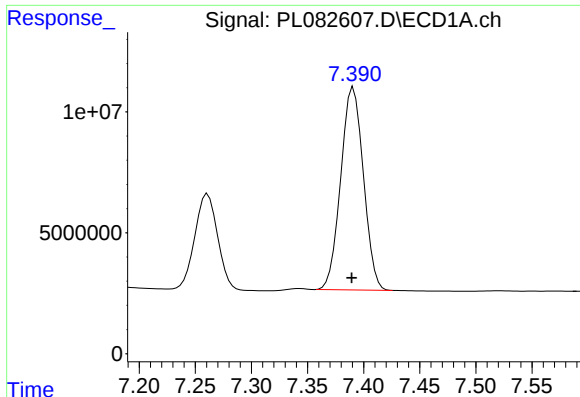
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 55967529
Conc: 45.86 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 53532468
Conc: 44.17 ng/ml



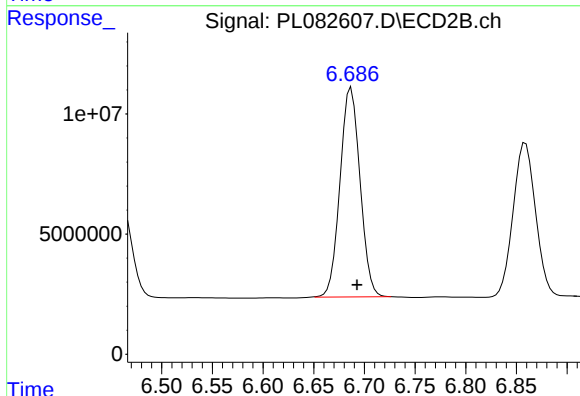
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.001 min
Response: 117901674
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

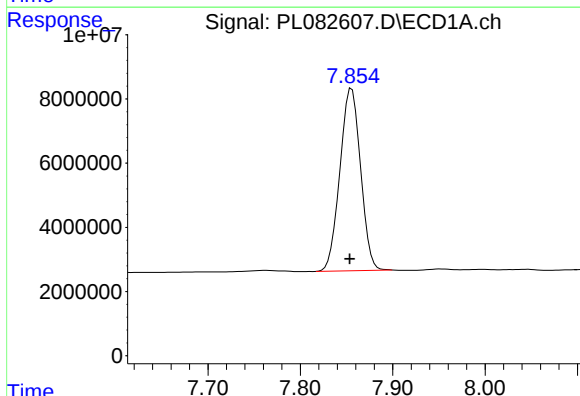
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/11/2023
Supervised By :Ankita Jodhani 05/11/2023



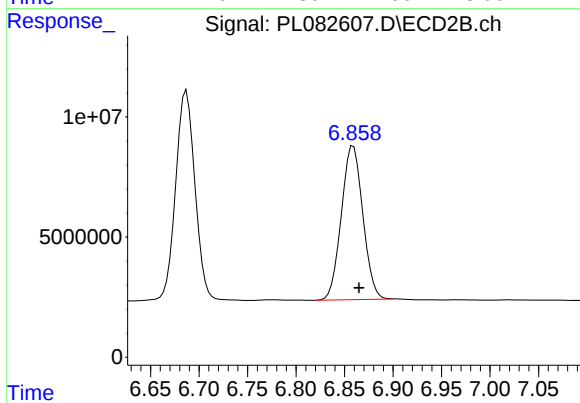
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 119713160
Conc: 47.16 ng/ml m



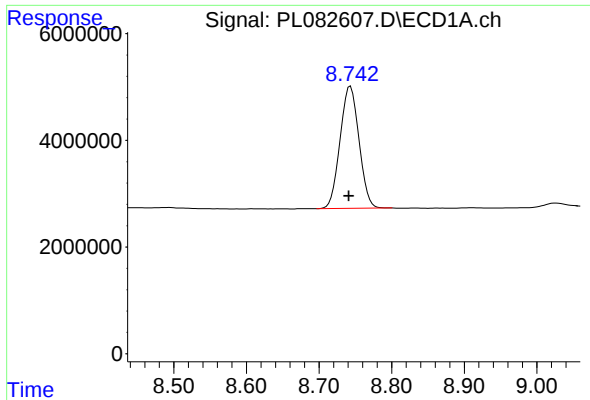
#22 Mirex

R.T.: 7.856 min
Delta R.T.: 0.002 min
Response: 88449280
Conc: 45.21 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 98746294
Conc: 42.85 ng/ml m



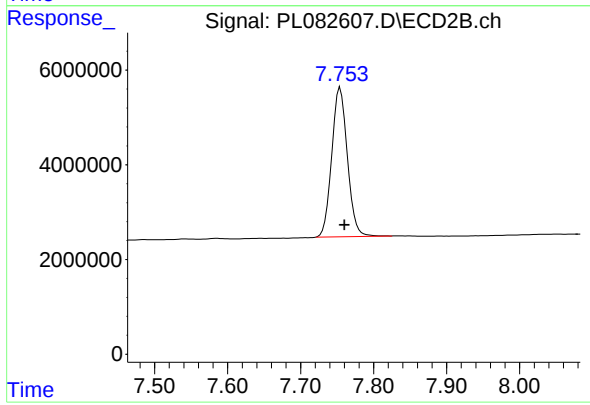
#28 Decachlorobiphenyl

R.T.: 8.743 min
Delta R.T.: 0.002 min
Response: 41506007
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152689BS

Manual Integrations
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Supervised By :Ankita Jodhani 05/11/2023



#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 46864364
Conc: 20.53 ng/ml