

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083122\
 Data File : PL077421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 17:50
 Operator : AR\AJ
 Sample : PB147383BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147383BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 18:05:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 2022
 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...	3.417	2.630	22140935	47428531	16.272	15.432
28)	SA Decachlor...	8.906	7.731	20986408	40925637	17.908	14.667
Target Compounds							
2)	A alpha-BHC	3.882	3.123	97248768	213.3E6	52.495	48.854
3)	MA gamma-BHC...	4.217	3.447	90121960	192.8E6	51.484	49.345
4)	MA Heptachlor	4.793	3.780	90216233	189.7E6	52.134	48.654
5)	MB Aldrin	5.134	4.054	80277516	176.0E6	51.146	47.558
6)	B beta-BHC	4.429	3.746	38249071	79130362	51.470	47.982
7)	B delta-BHC	4.673	3.970	78262668	188.4E6	50.651	47.324
8)	B Heptachlo...	5.566	4.553	74487257	160.2E6	55.345	48.263
9)	A Endosulfan I	5.952	4.919	65771781	148.2E6	49.947	48.006
10)	B gamma-Chl...	5.822	4.802	70658615	159.7E6	50.387	47.757
11)	B alpha-Chl...	5.899	4.865	70006582	156.2E6	49.766	47.716
12)	B 4,4'-DDE	6.078	5.059	65314937	155.9E6	50.314	48.271
13)	MA Dieldrin	6.230	5.182	66270589	157.9E6	49.610	48.085
14)	MA Endrin	6.461	5.454	57999501	138.9E6	49.163	50.803
15)	B Endosulfa...	6.689	5.750	54401848	126.5E6	49.654	46.631
16)	A 4,4'-DDD	6.602	5.612	50736517	127.5E6	49.671	47.693
17)	MA 4,4'-DDT	6.913	5.860	55553595	125.5E6	49.732	47.629
18)	B Endrin al...	6.821	5.929	44278081	95832779	48.505	45.800
19)	B Endosulfa...	7.053	6.153	54738595	122.8E6	49.515	45.783
20)	A Methoxychlor	7.394	6.438	30254390	64161926	50.236	45.481
21)	B Endrin ke...	7.542	6.650	59010972	126.2E6	48.373	43.821m
22)	Mirex	8.002	6.828	45974498	96793687	49.971	45.192

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

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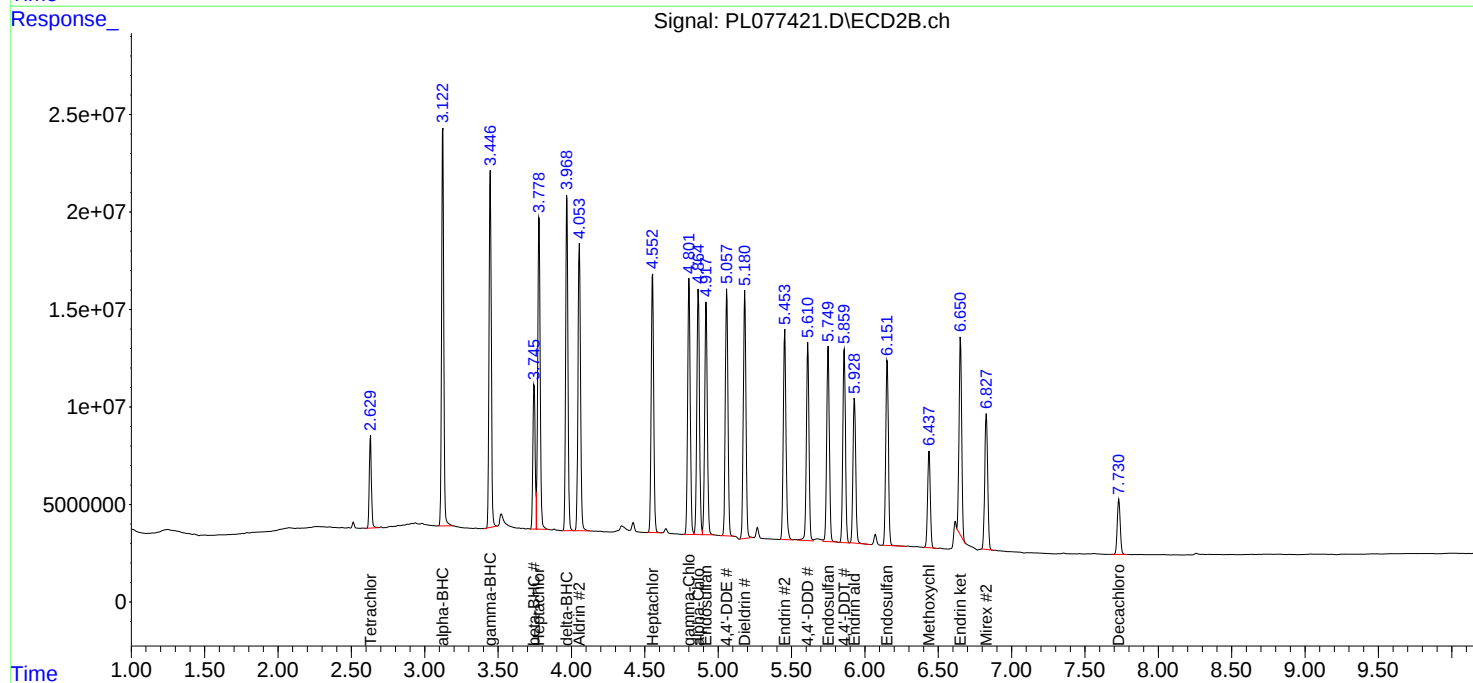
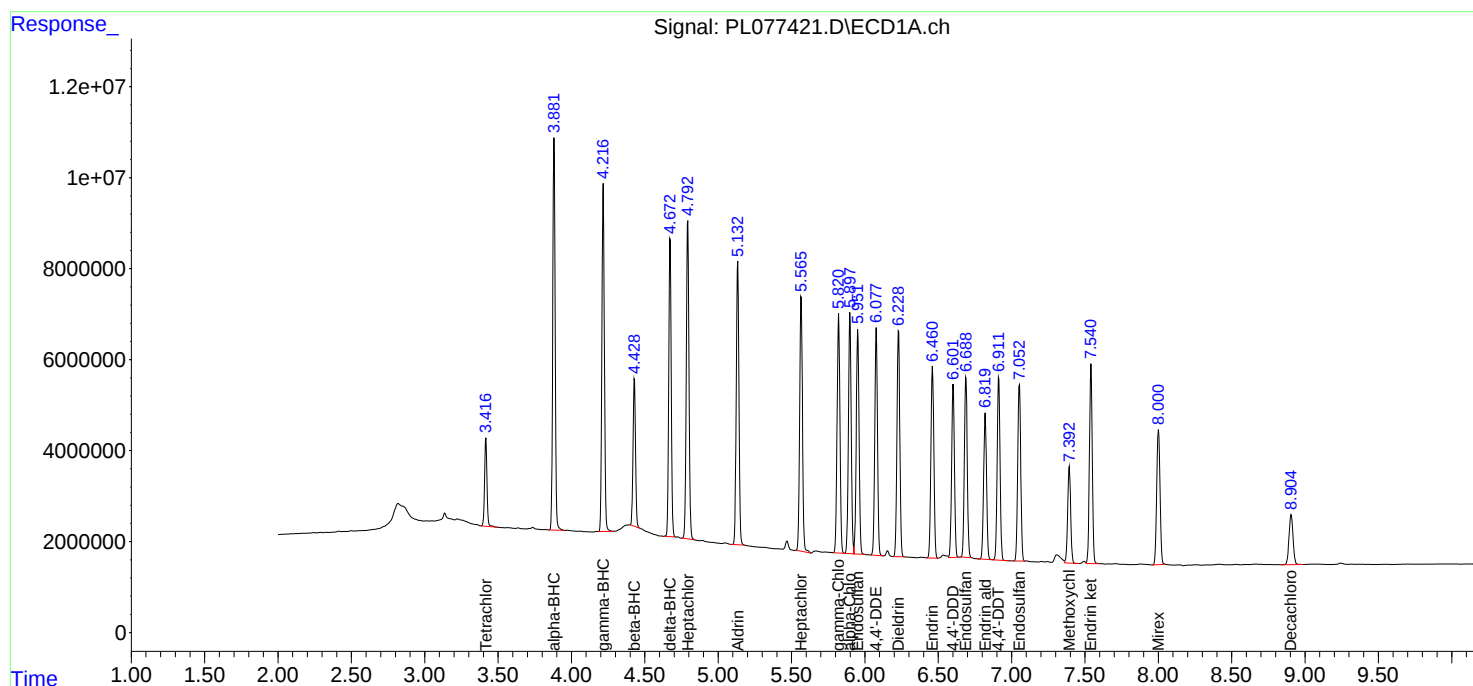
Manual Integrations

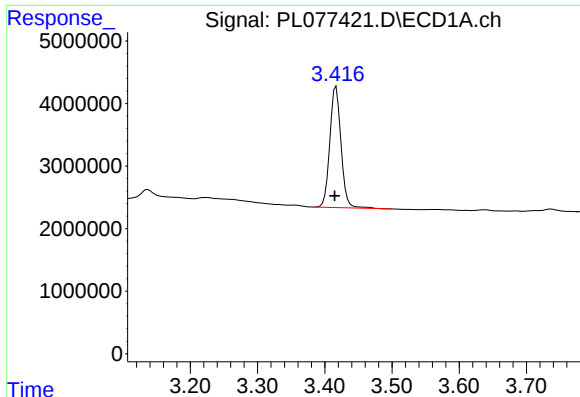
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Reviewed By : Abdul Mirza 09/01/2022
 Supervised By : Ankita Jodhani 09/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 18:05:57 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





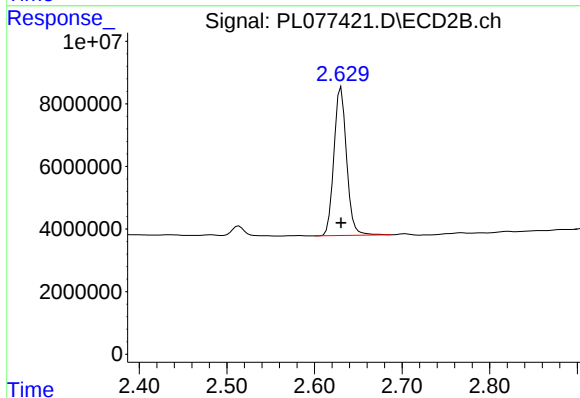
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.002 min
Response: 22140935
Conc: 16.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

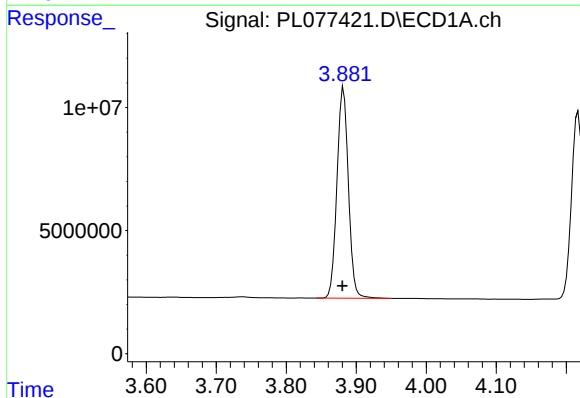
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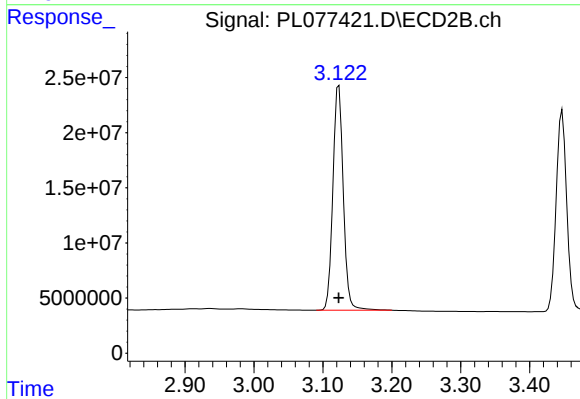
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 47428531
Conc: 15.43 ng/ml



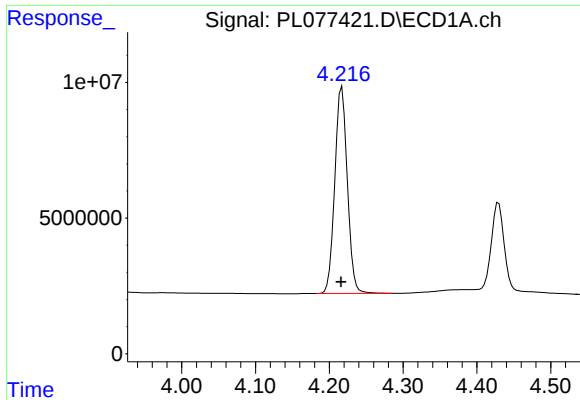
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: 0.002 min
Response: 97248768
Conc: 52.50 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 213320904
Conc: 48.85 ng/ml



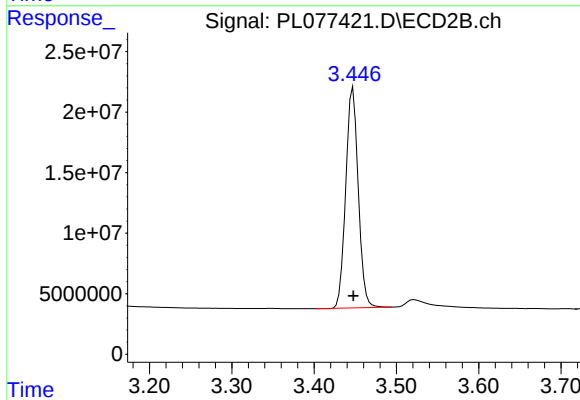
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.001 min
Response: 90121960
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

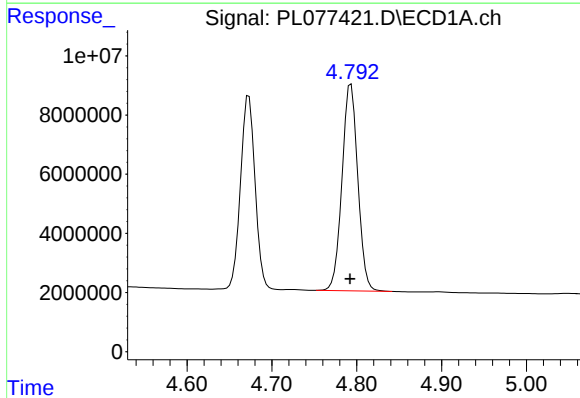
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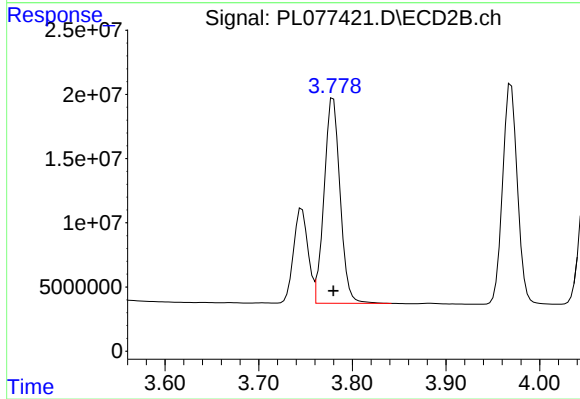
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 192767758
Conc: 49.34 ng/ml



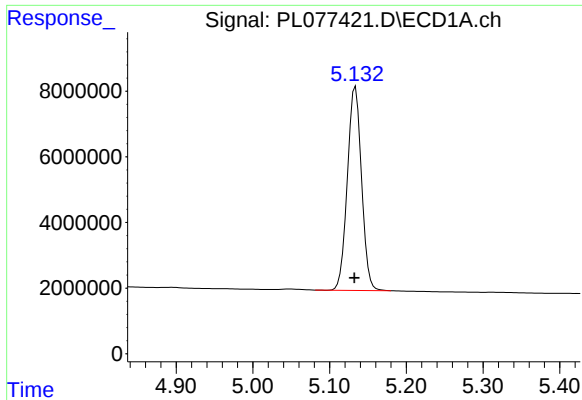
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 90216233
Conc: 52.13 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 189676126
Conc: 48.65 ng/ml



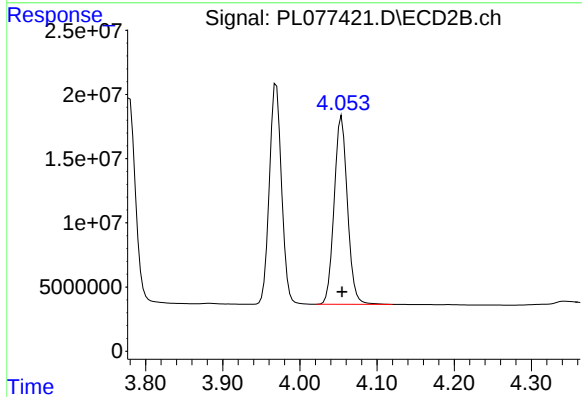
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.001 min
Response: 80277516
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

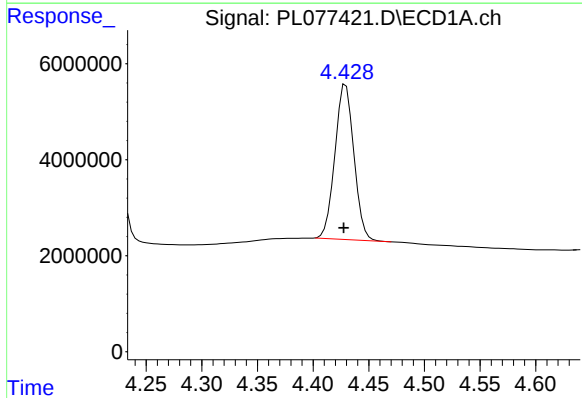
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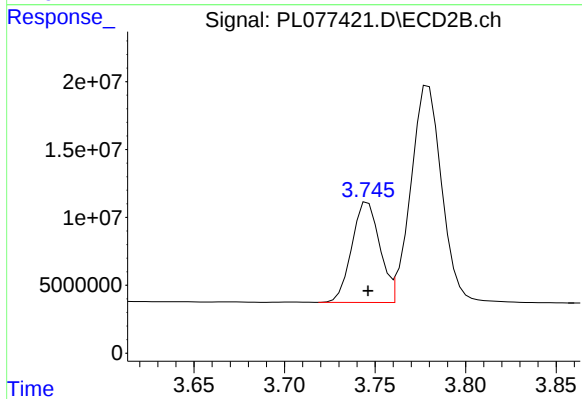
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 176016177
Conc: 47.56 ng/ml



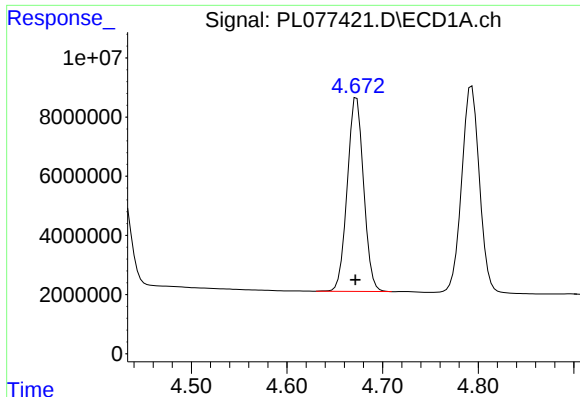
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.002 min
Response: 38249071
Conc: 51.47 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 79130362
Conc: 47.98 ng/ml



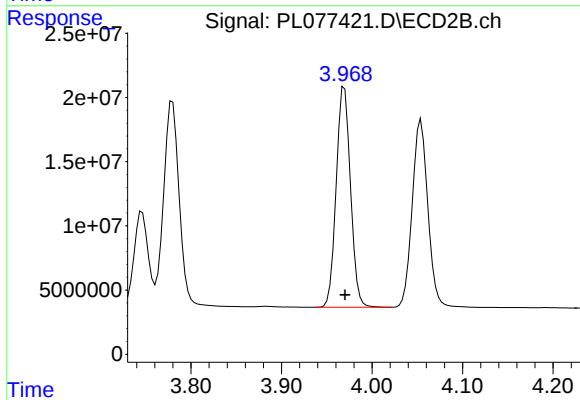
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.001 min
Response: 78262668
Conc: 50.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

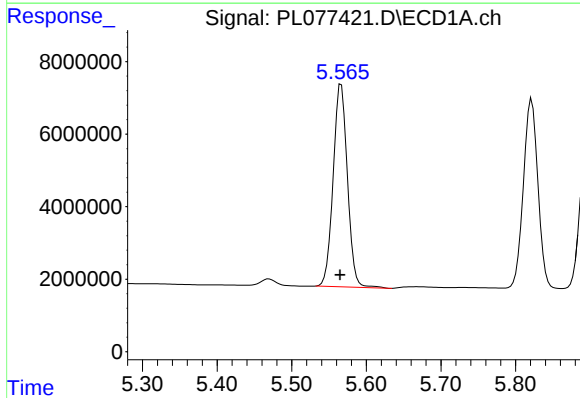
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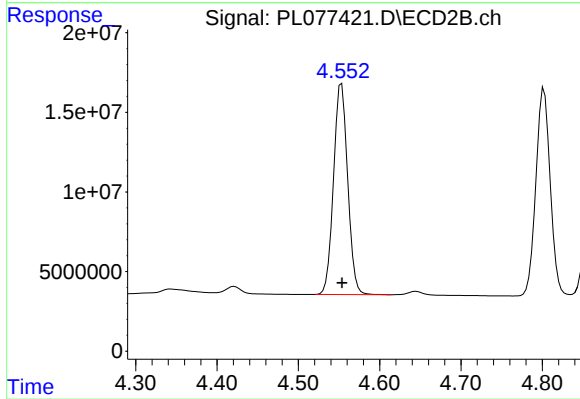
#7 delta-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 188434322
Conc: 47.32 ng/ml



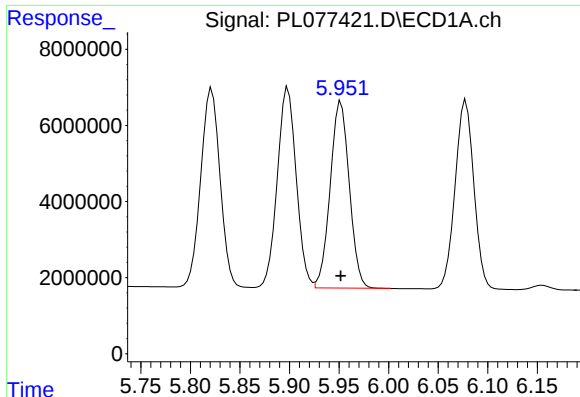
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.001 min
Response: 74487257
Conc: 55.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 160177069
Conc: 48.26 ng/ml



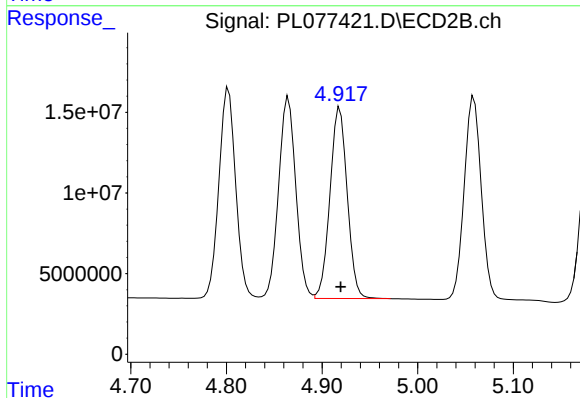
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 65771781
Conc: 49.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

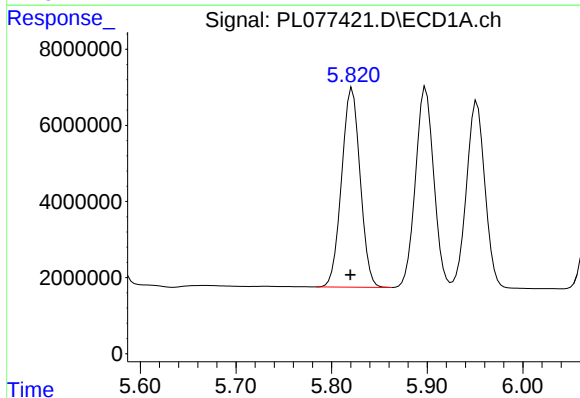
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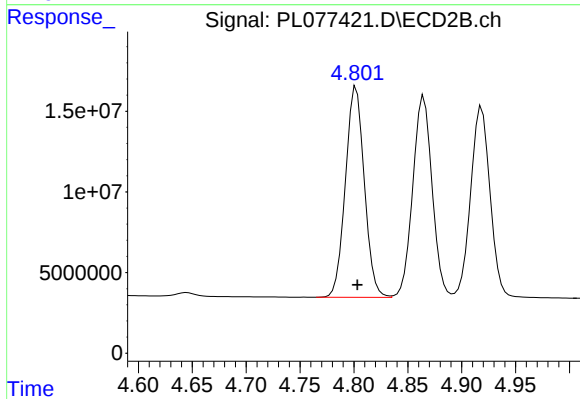
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 148178790
Conc: 48.01 ng/ml



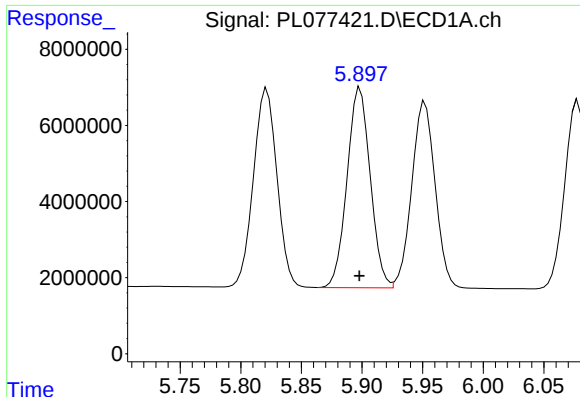
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 70658615
Conc: 50.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 159667554
Conc: 47.76 ng/ml



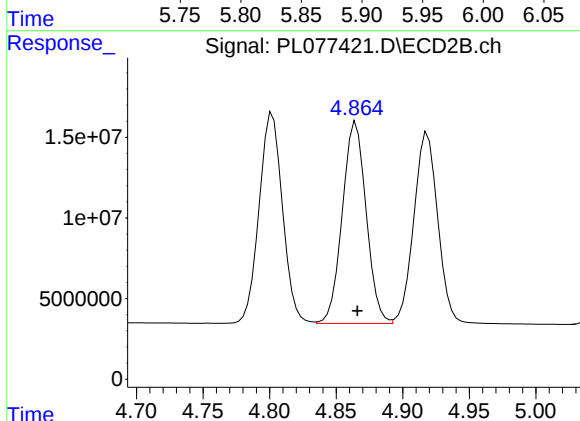
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 70006582
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

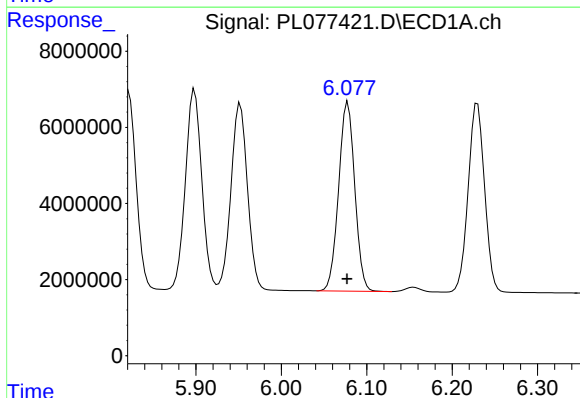
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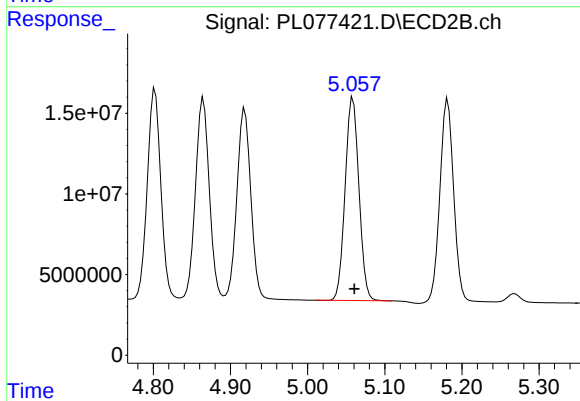
#11 alpha-Chlordane

R.T.: 4.865 min
Delta R.T.: -0.001 min
Response: 156204187
Conc: 47.72 ng/ml



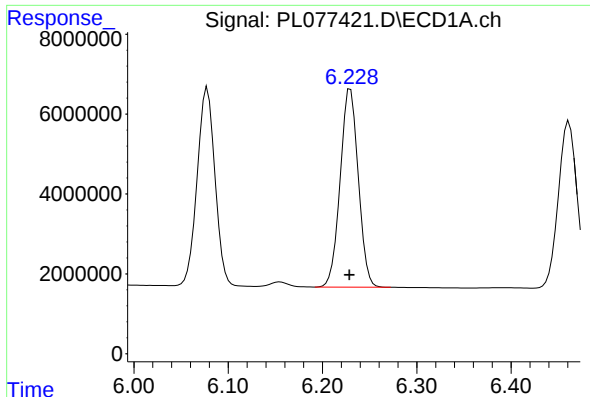
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 65314937
Conc: 50.31 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 155913702
Conc: 48.27 ng/ml



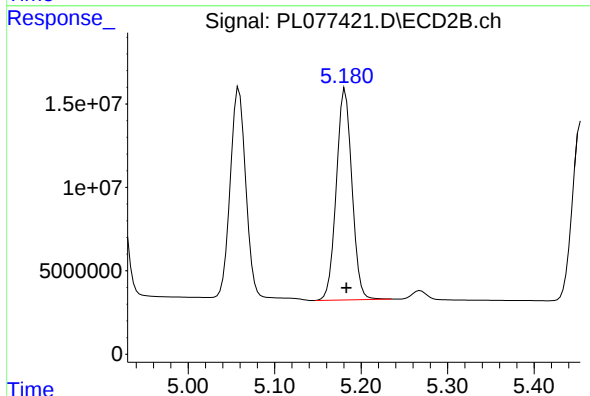
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 66270589
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

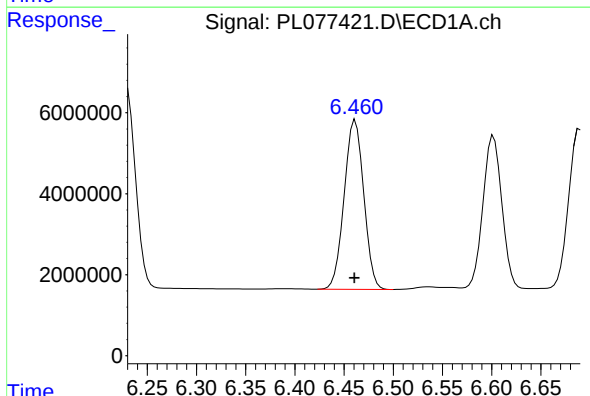
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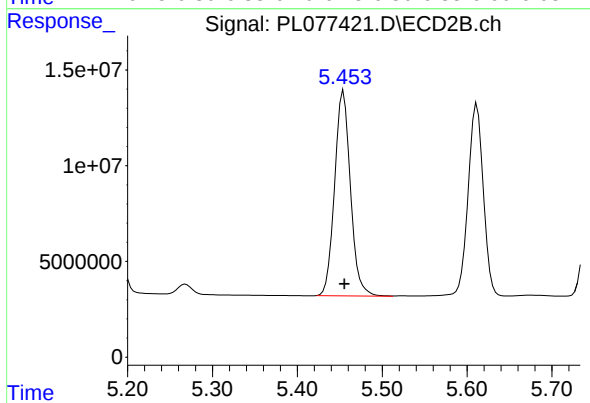
#13 Dieldrin

R.T.: 5.182 min
Delta R.T.: -0.001 min
Response: 157903233
Conc: 48.09 ng/ml



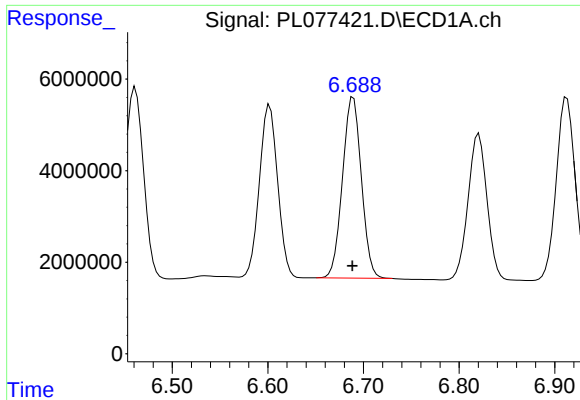
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 57999501
Conc: 49.16 ng/ml



#14 Endrin

R.T.: 5.454 min
Delta R.T.: -0.001 min
Response: 138889818
Conc: 50.80 ng/ml



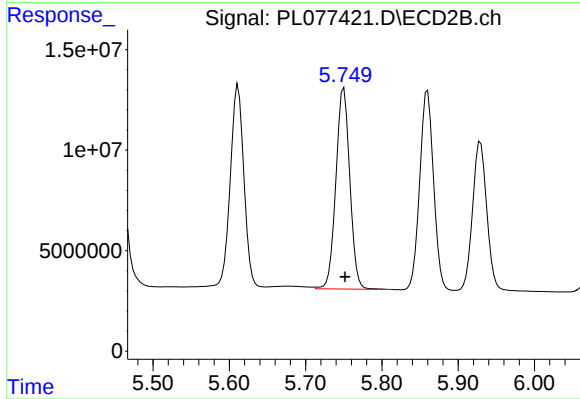
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 54401848
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

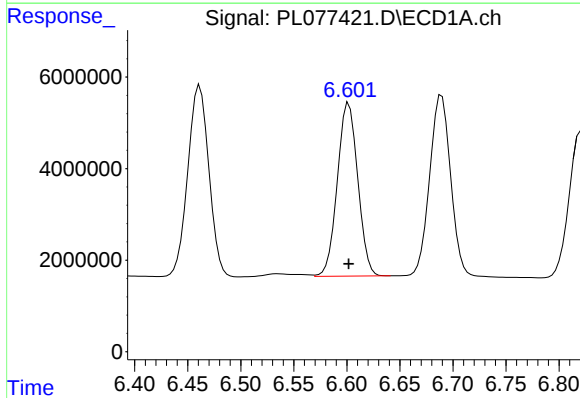
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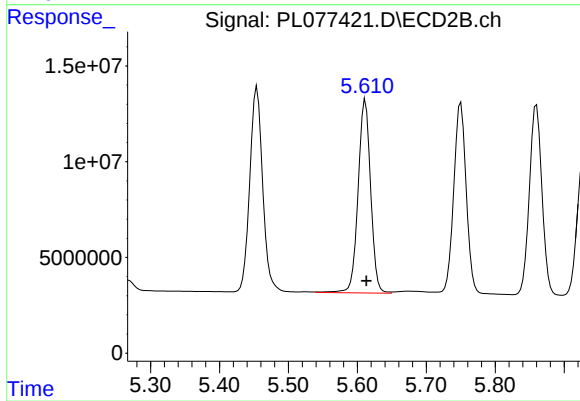
#15 Endosulfan II

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 126466403
Conc: 46.63 ng/ml



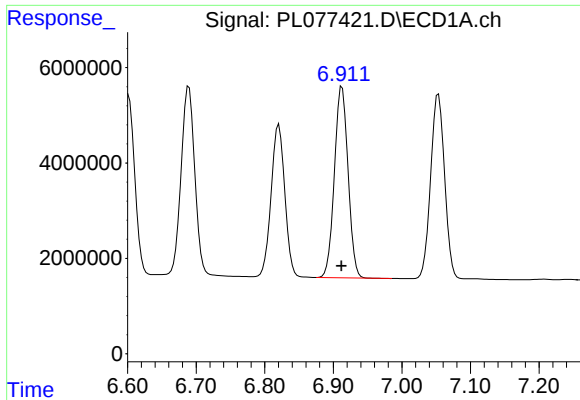
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 50736517
Conc: 49.67 ng/ml



#16 4,4'-DDD

R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 127522457
Conc: 47.69 ng/ml



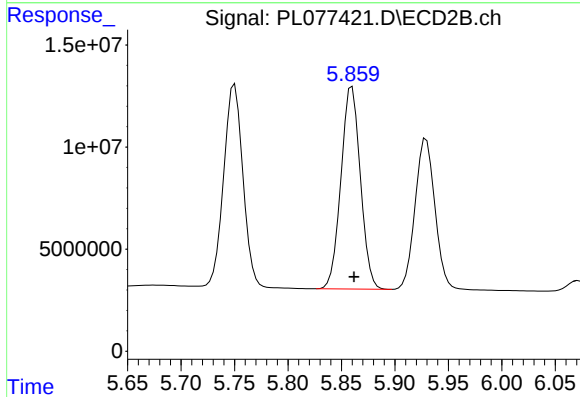
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 55553595
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

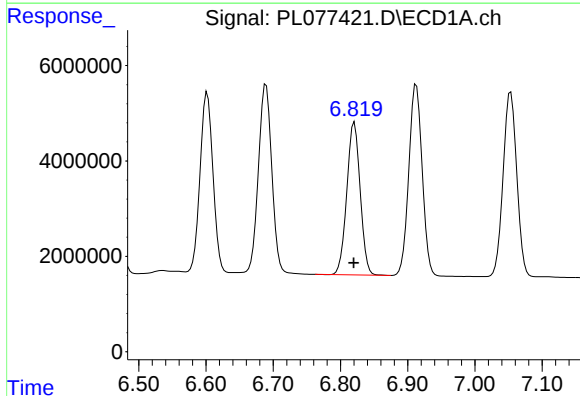
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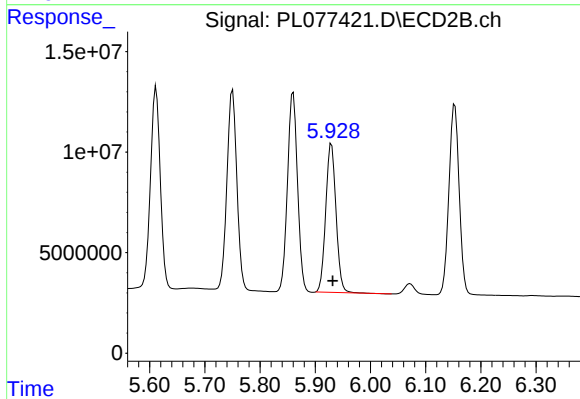
#17 4,4'-DDT

R.T.: 5.860 min
Delta R.T.: -0.002 min
Response: 125463224
Conc: 47.63 ng/ml



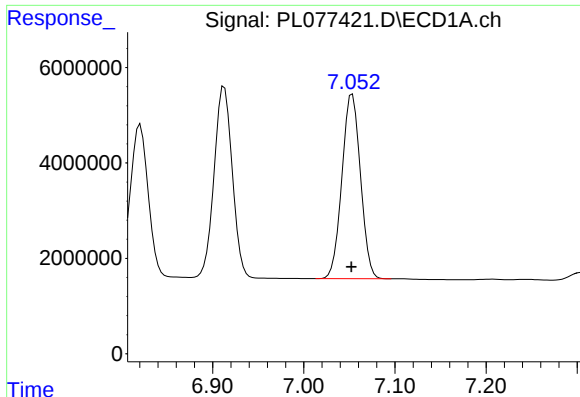
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 44278081
Conc: 48.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 95832779
Conc: 45.80 ng/ml



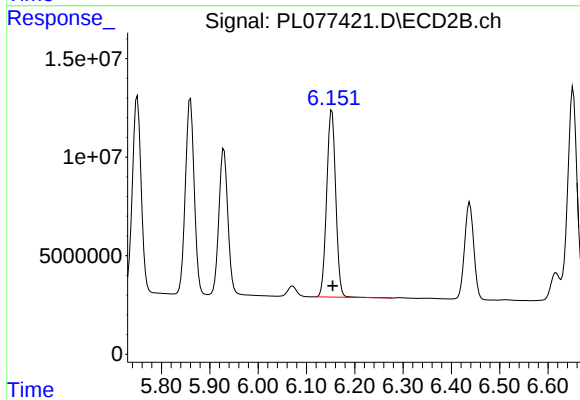
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: 0.001 min
Response: 54738595
Conc: 49.51 ng/ml

Instrument :
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ClientSampleId :
PB147383BS

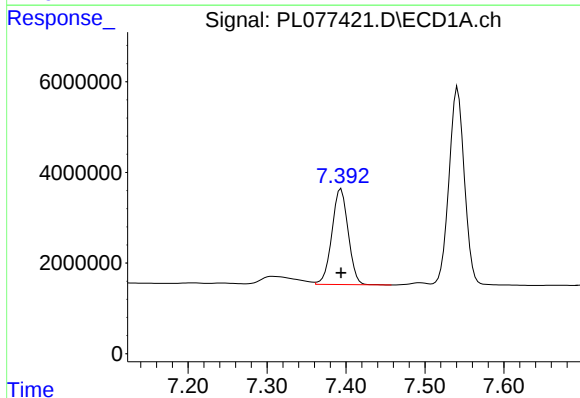
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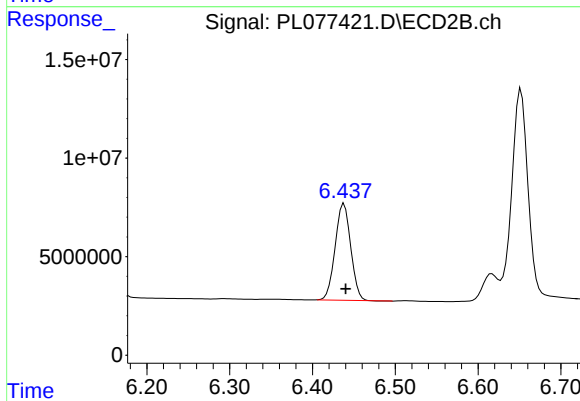
#19 Endosulfan Sulfate

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 122812194
Conc: 45.78 ng/ml



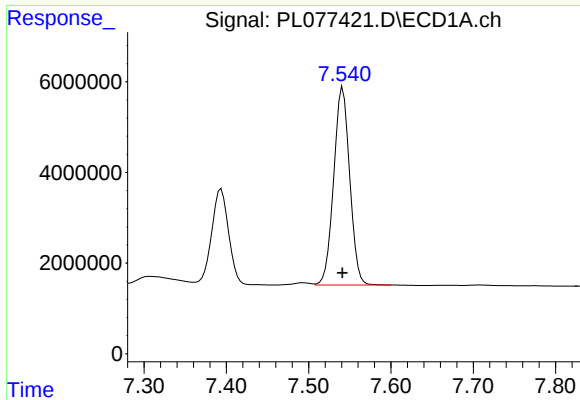
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 30254390
Conc: 50.24 ng/ml



#20 Methoxychlor

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 64161926
Conc: 45.48 ng/ml



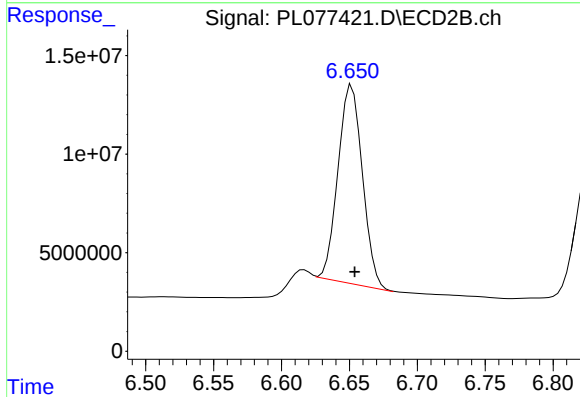
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 59010972
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

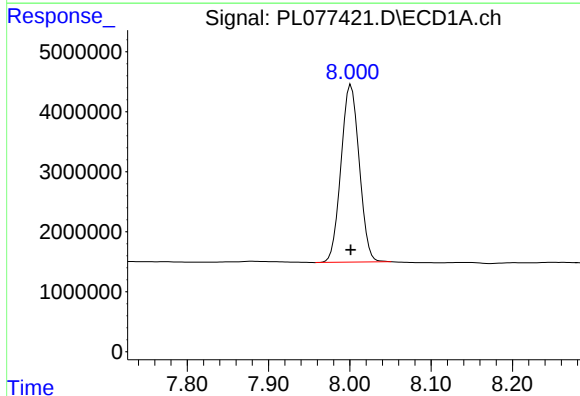
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/01/2022
Supervised By :Ankita Jodhani 09/01/2022



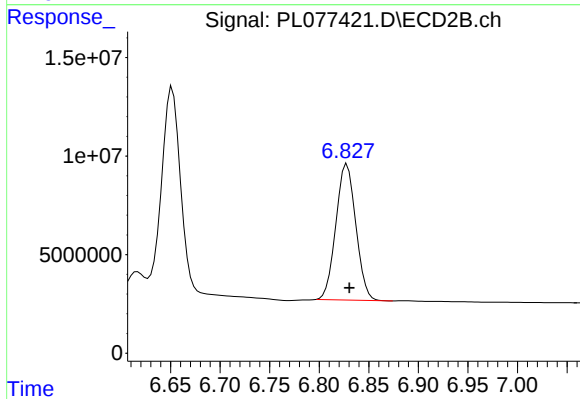
#21 Endrin ketone

R.T.: 6.650 min
Delta R.T.: -0.003 min
Response: 126240570
Conc: 43.82 ng/ml m



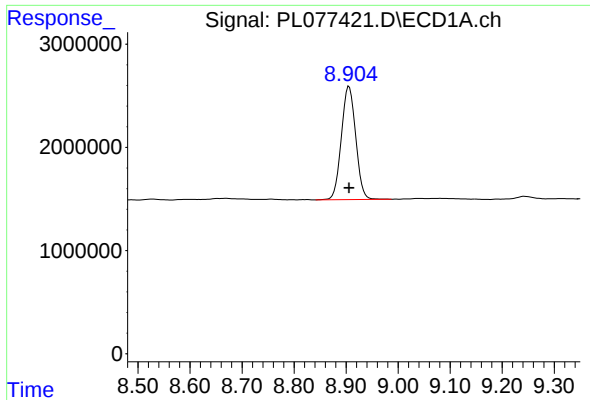
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 45974498
Conc: 49.97 ng/ml



#22 Mirex

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 96793687
Conc: 45.19 ng/ml



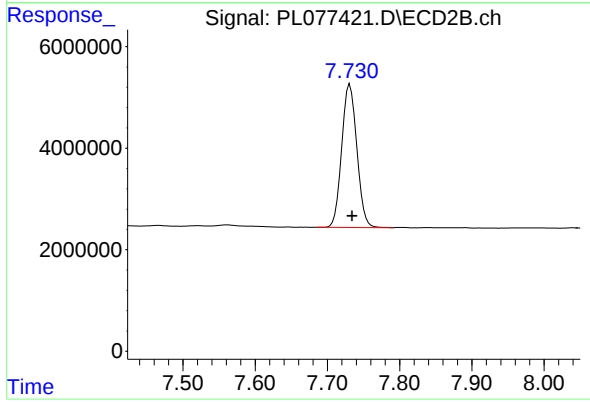
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 20986408
Conc: 17.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147383BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/01/2022
Supervised By :Ankita Jodhani 09/01/2022



#28 Decachlorobiphenyl

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 40925637
Conc: 14.67 ng/ml