

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
 Data File : PL081055.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2023 20:55
 Operator : AR\AJ
 Sample : 01610-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CF-2MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/21/2023
 Supervised By : Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:10:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 20 18:06:39 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...	3.349	2.687	43428265	42073877	18.631m	18.284
28)	SA Decachlor...	8.790	7.832	33397598	39531330	17.082	16.875
Target Compounds							
2)	A alpha-BHC	3.800	3.188	178.7E6	167.6E6	50.709	50.051
3)	MA gamma-BHC...	4.128	3.517	169.0E6	158.5E6	51.313	50.448
4)	MA Heptachlor	4.712	3.857	168.2E6	169.2E6	51.160	51.599
5)	MB Aldrin	5.051	4.136	155.9E6	159.8E6	51.818	51.996
6)	B beta-BHC	4.325	3.813	74895713	66294906	50.113	49.274
7)	B delta-BHC	4.568	4.042	151.3E6	138.9E6	47.111	45.964
8)	B Heptachlo...	5.475	4.638	144.8E6	144.3E6	51.985	50.432
9)	A Endosulfan I	5.856	5.007	132.6E6	133.2E6	51.115	49.981
10)	B gamma-Chl...	5.730	4.888	147.7E6	147.3E6	52.888	50.567
11)	B alpha-Chl...	5.809	4.953	144.1E6	147.0E6	51.928	50.354
12)	B 4,4'-DDE	5.988	5.145	127.7E6	123.9E6	51.592	51.898
13)	MA Dieldrin	6.131	5.272	135.9E6	139.5E6	51.327	50.650
14)	MA Endrin	6.359	5.547	122.5E6	126.6E6	51.733	51.183
15)	B Endosulfa...	6.578	5.841	110.1E6	117.6E6	49.584	51.996
16)	A 4,4'-DDD	6.502	5.699	104.4E6	96279982	51.628	50.581
17)	MA 4,4'-DDT	6.814	5.951	113.8E6	111.1E6	50.348	51.240
18)	B Endrin al...	6.707	6.021	90035967	91831957	49.515	49.769
19)	B Endosulfa...	6.941	6.244	114.4E6	116.9E6	49.685	49.306
20)	A Methoxychlor	7.293	6.528	61800148	61088071	50.363	50.896
21)	B Endrin ke...	7.422	6.749	120.8E6	129.6E6	50.721	49.501
22)	Mirex	7.893	6.931	94530998	112.1E6	50.527	48.212

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022023\
Data File : PL081055.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2023 20:55
Operator : AR\AJ
Sample : 01610-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

CF-2MS

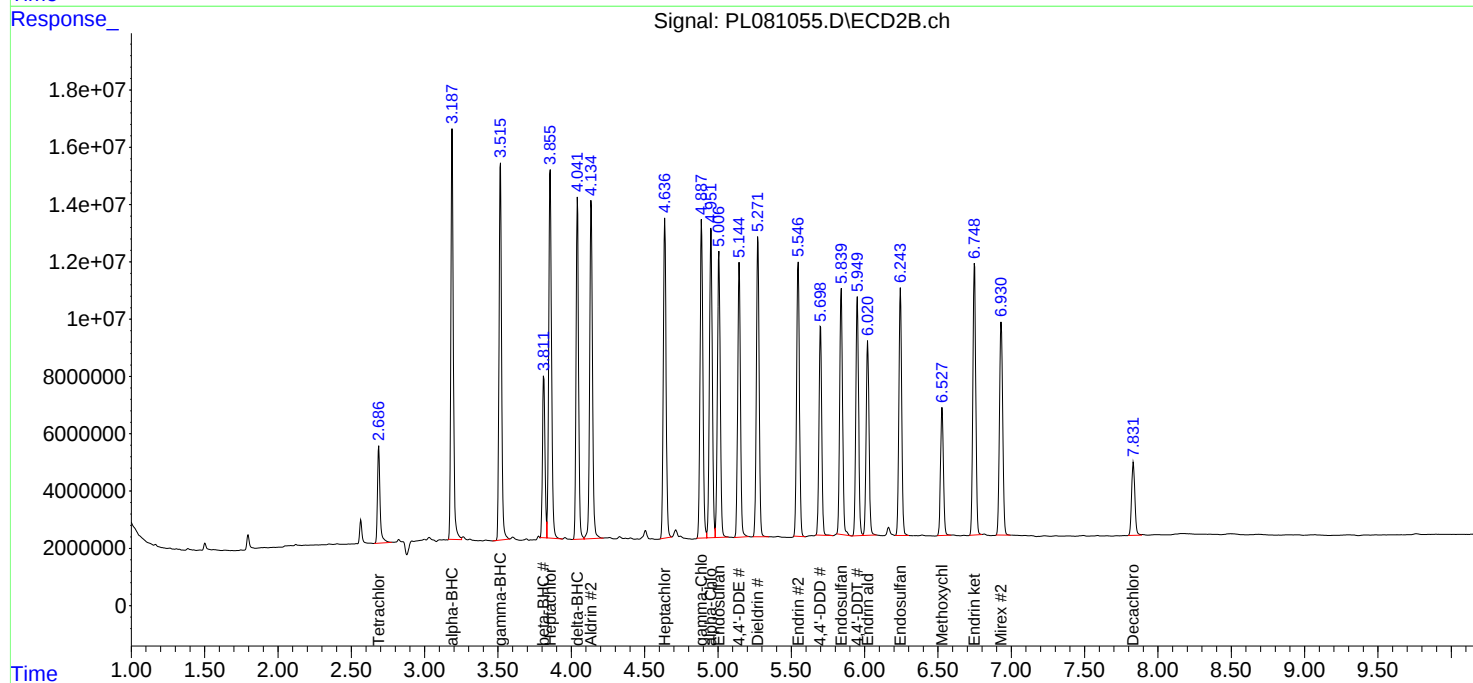
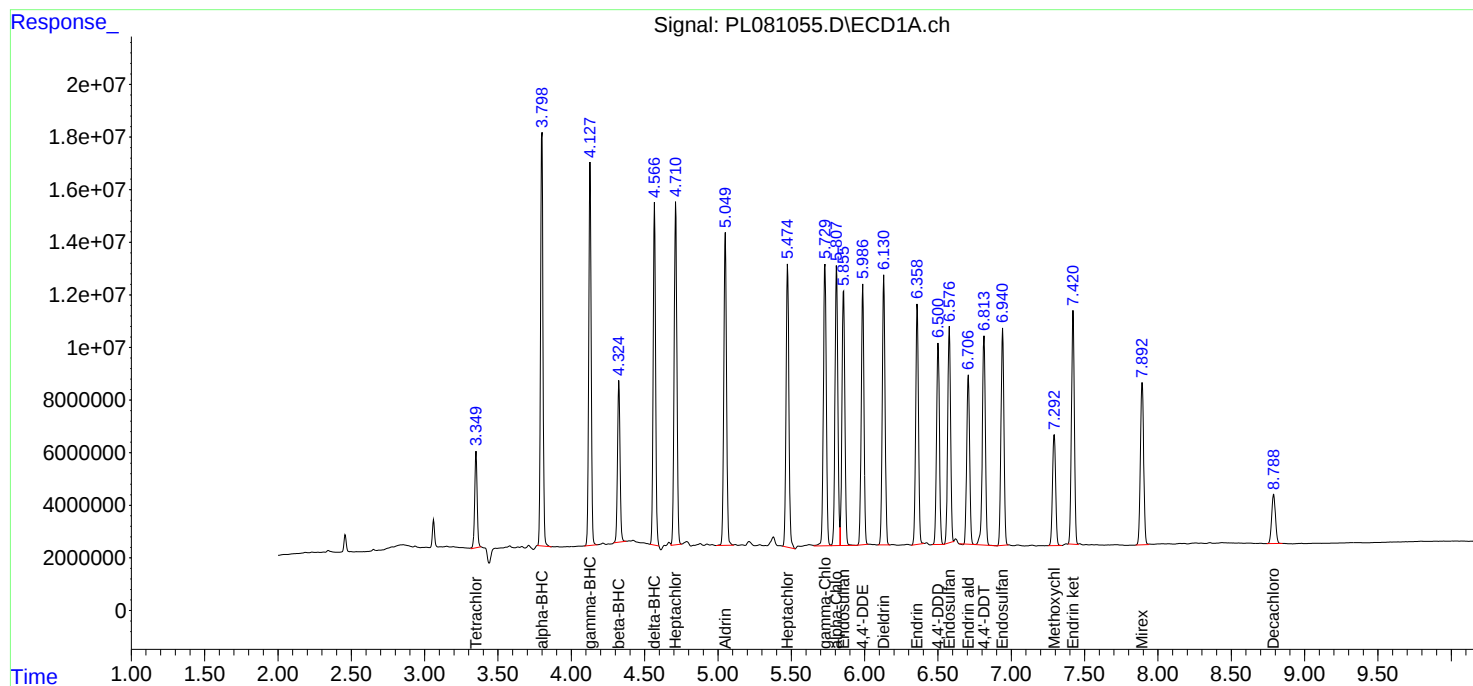
Manual Integrations

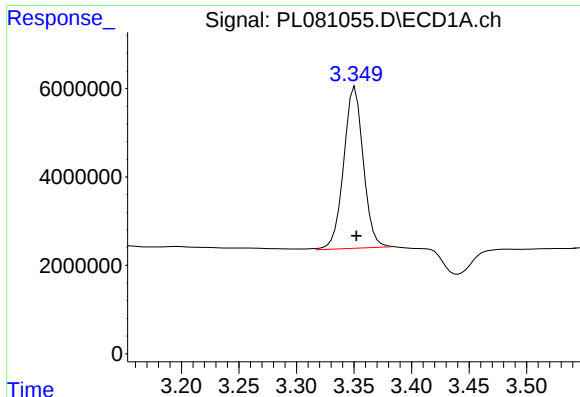
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Supervised By :Ankita Jodhani 02/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:10:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022023.M
Quant Title : GC Extractables
QLast Update : Mon Feb 20 18:06:39 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





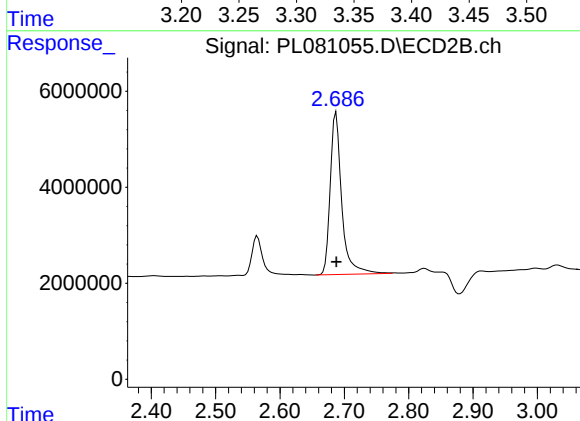
#1 Tetrachloro-m-xylene

R.T.: 3.349 min
Delta R.T.: -0.003 min
Response: 43428265
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

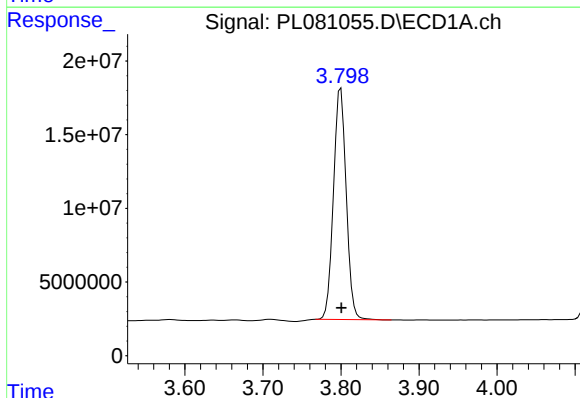
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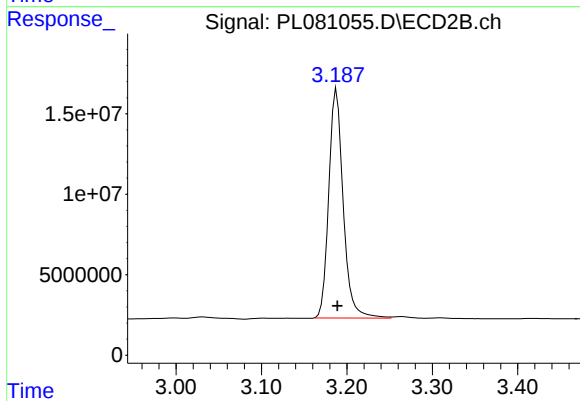
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 42073877
Conc: 18.28 ng/ml



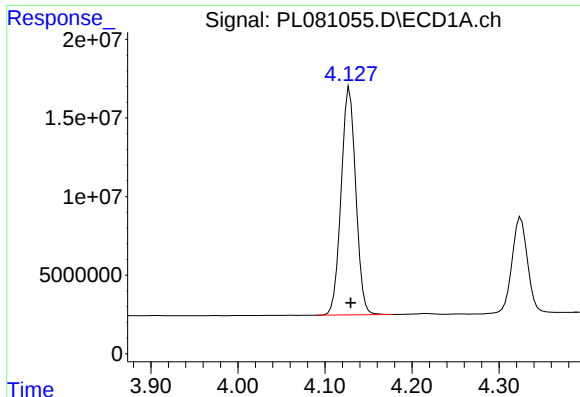
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 178715932
Conc: 50.71 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: 0.000 min
Response: 167620573
Conc: 50.05 ng/ml



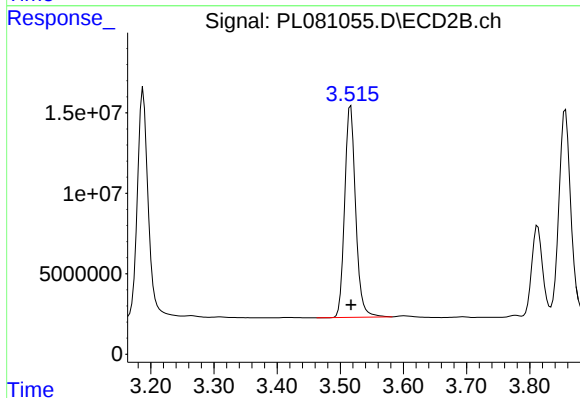
#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: -0.001 min
Response: 169002751
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

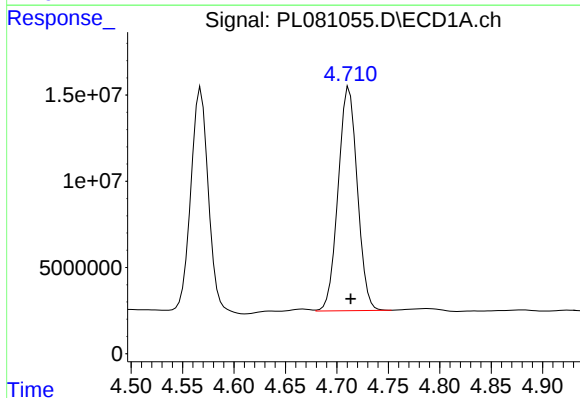
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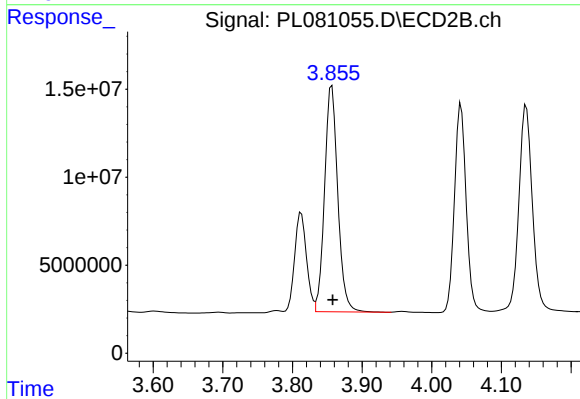
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: 0.000 min
Response: 158461225
Conc: 50.45 ng/ml



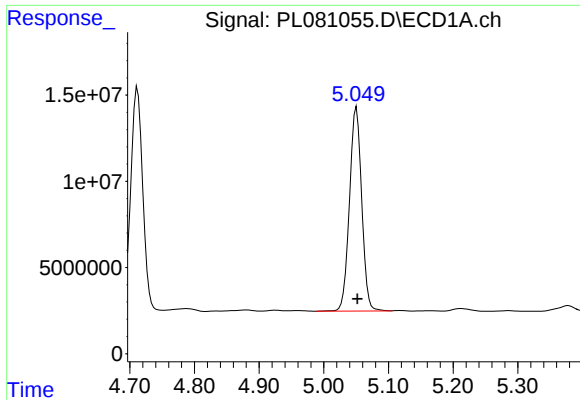
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: -0.002 min
Response: 168240321
Conc: 51.16 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.001 min
Response: 169166990
Conc: 51.60 ng/ml



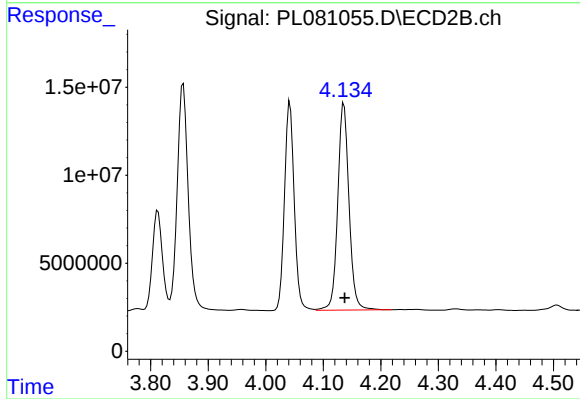
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: -0.002 min
Response: 155880172
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

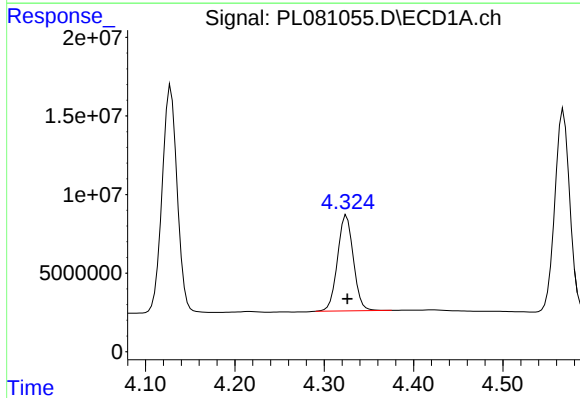
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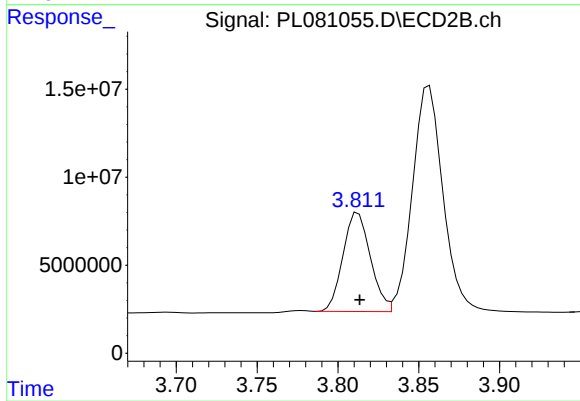
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 159811292
Conc: 52.00 ng/ml



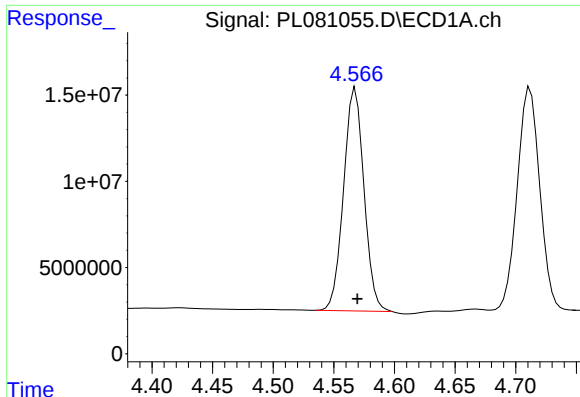
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: -0.001 min
Response: 74895713
Conc: 50.11 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.001 min
Response: 66294906
Conc: 49.27 ng/ml



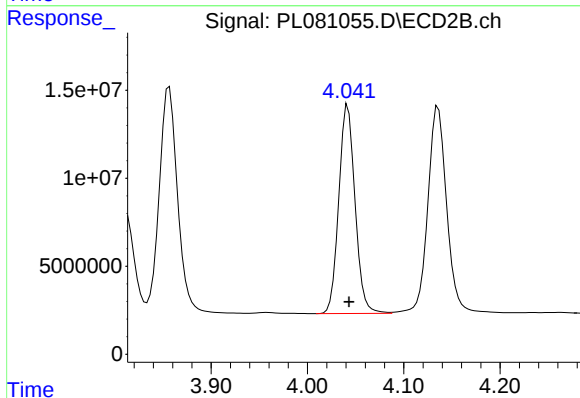
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: -0.002 min
Response: 151267343
Conc: 47.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

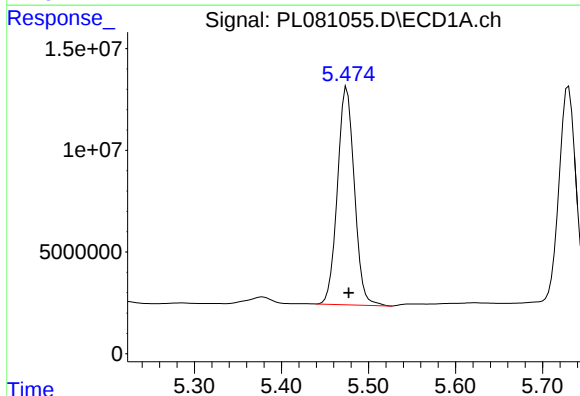
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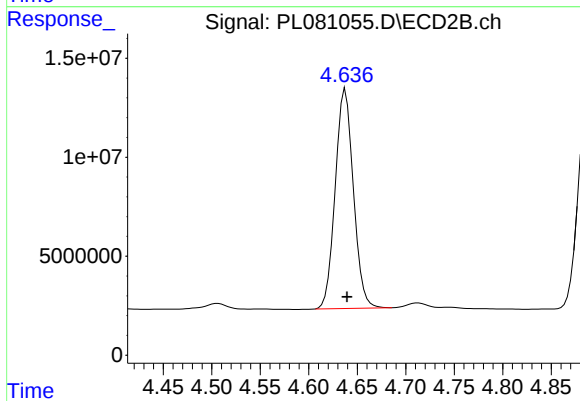
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.001 min
Response: 138871370
Conc: 45.96 ng/ml



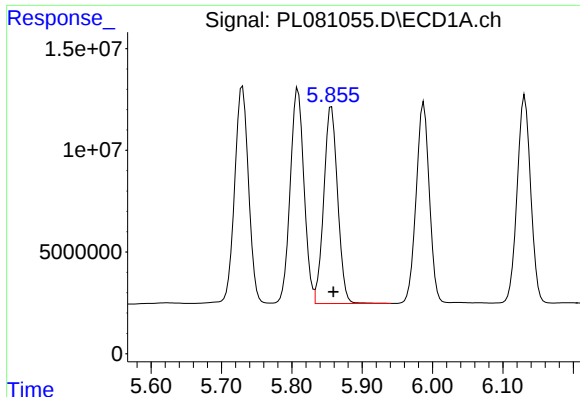
#8 Heptachlor epoxide

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 144758408
Conc: 51.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.002 min
Response: 144300256
Conc: 50.43 ng/ml



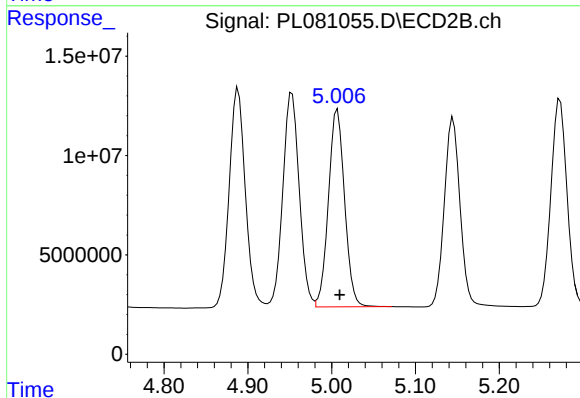
#9 Endosulfan I

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 132626489
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

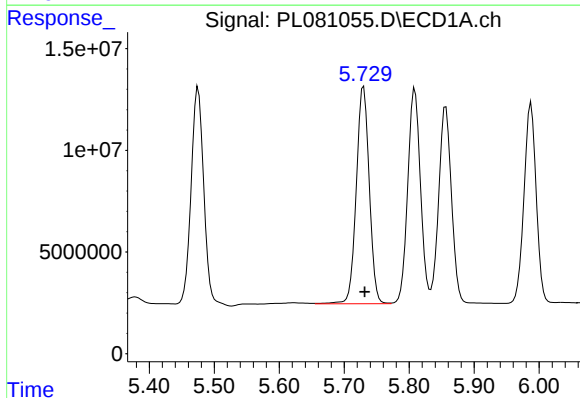
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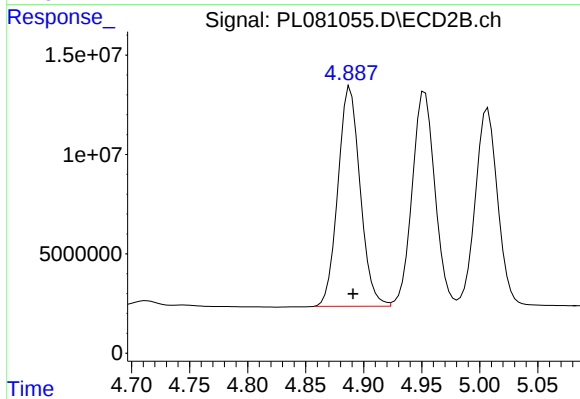
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.002 min
Response: 133214502
Conc: 49.98 ng/ml



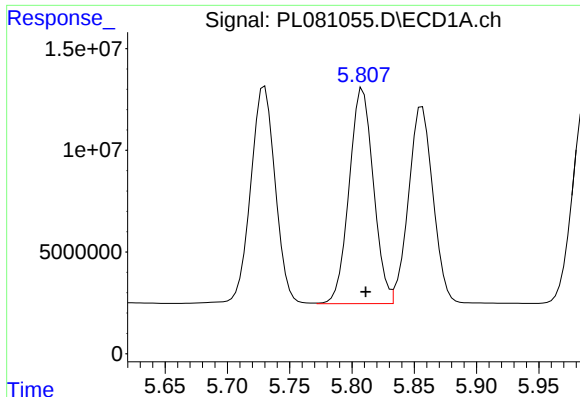
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: -0.002 min
Response: 147736497
Conc: 52.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.002 min
Response: 147260290
Conc: 50.57 ng/ml



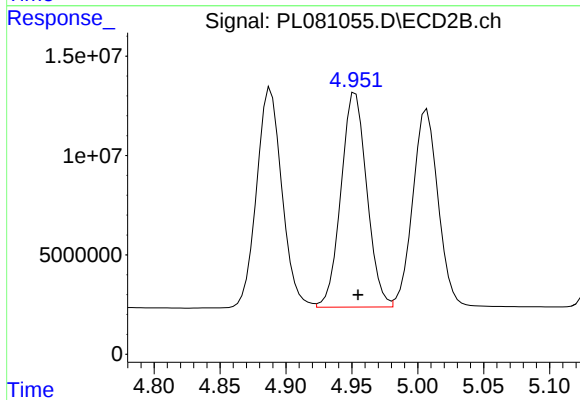
#11 alpha-Chlordane

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 144083829
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

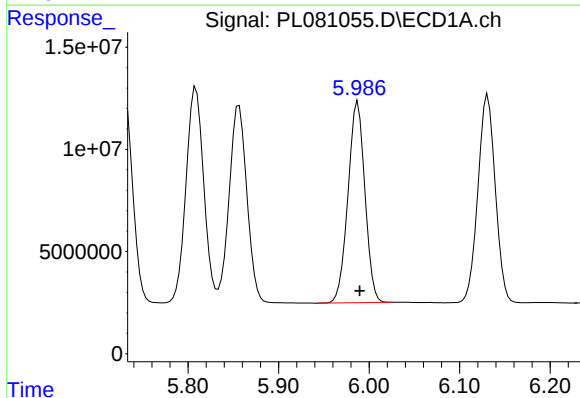
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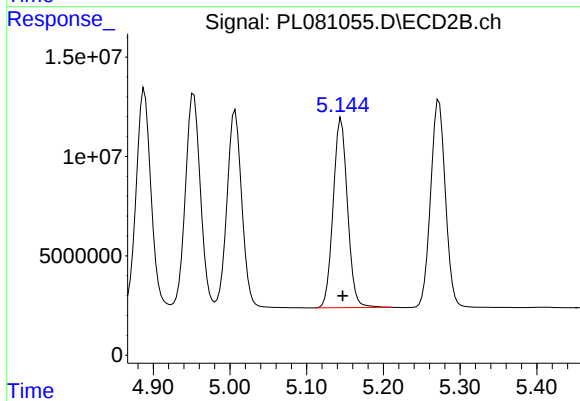
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.002 min
Response: 147013346
Conc: 50.35 ng/ml



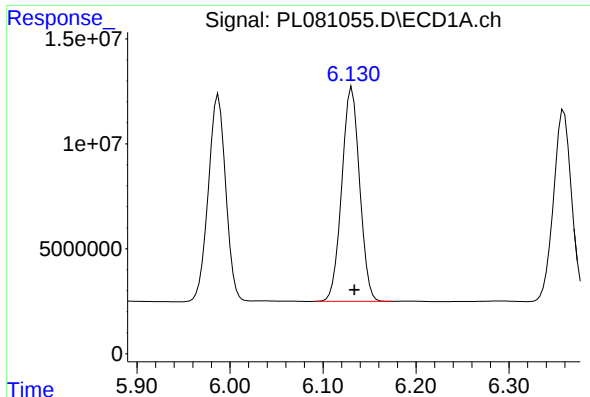
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 127703339
Conc: 51.59 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 123880938
Conc: 51.90 ng/ml



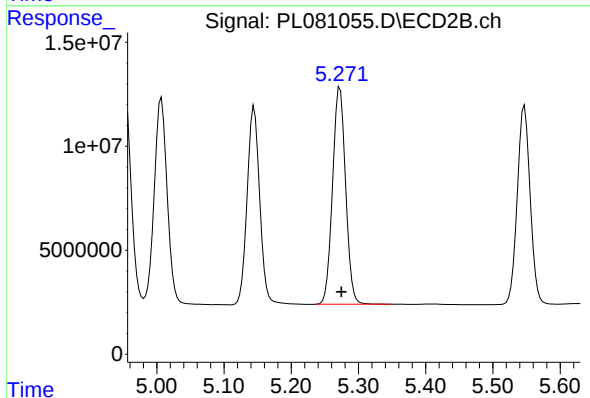
#13 Dieldrin

R.T.: 6.131 min
Delta R.T.: -0.003 min
Response: 135924921
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

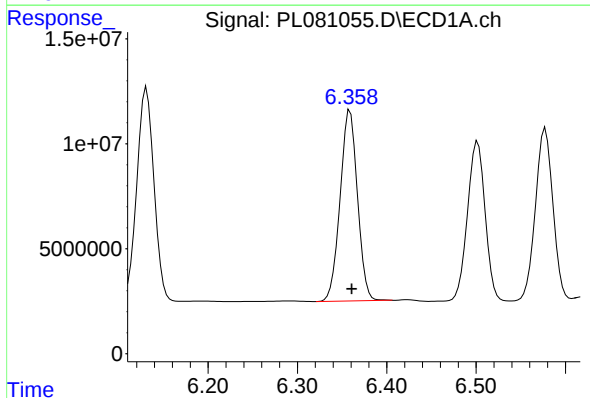
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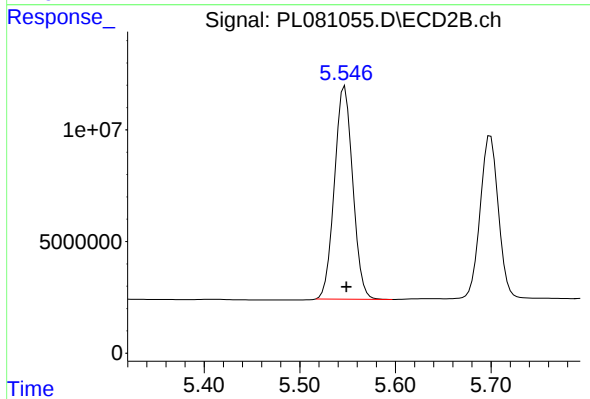
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.002 min
Response: 139512635
Conc: 50.65 ng/ml



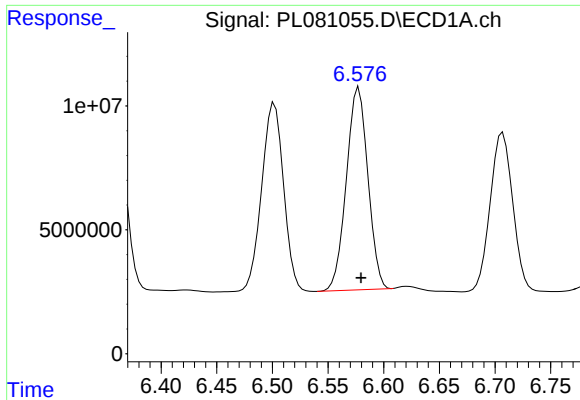
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 122475379
Conc: 51.73 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 126552998
Conc: 51.18 ng/ml



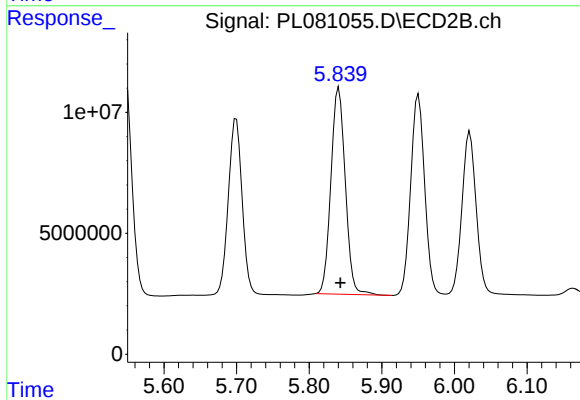
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 110072029
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

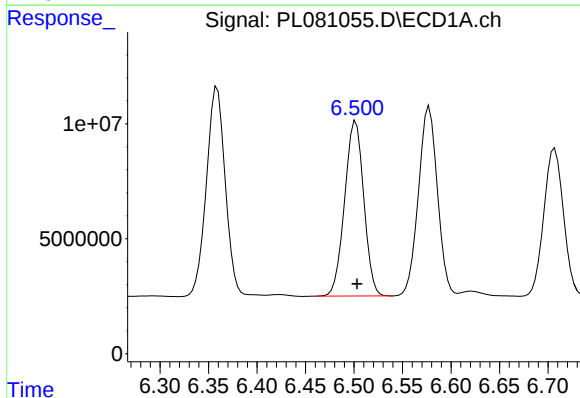
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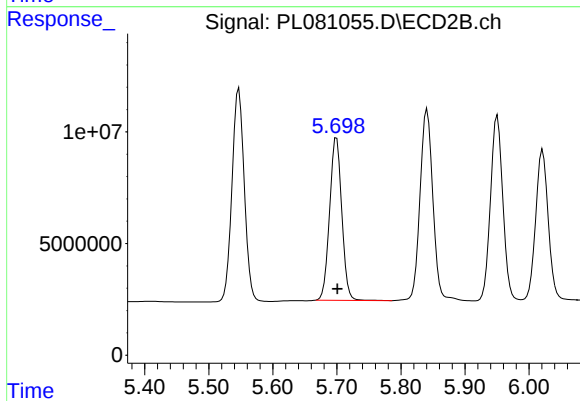
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.002 min
Response: 117570813
Conc: 52.00 ng/ml



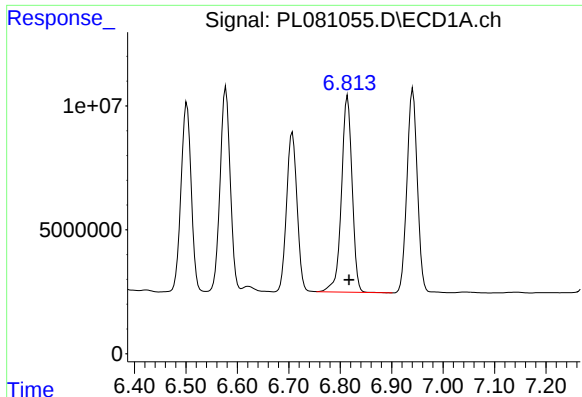
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.001 min
Response: 104425868
Conc: 51.63 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 96279982
Conc: 50.58 ng/ml



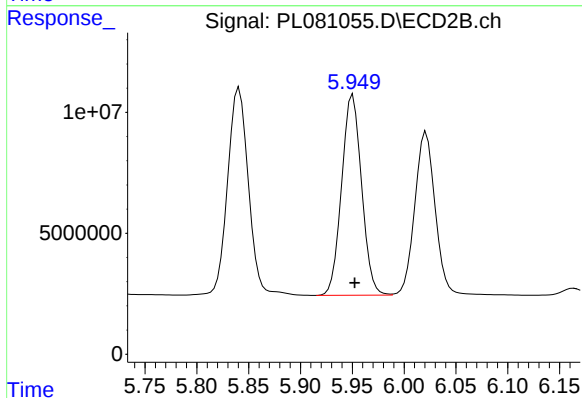
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 113755200
Conc: 50.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

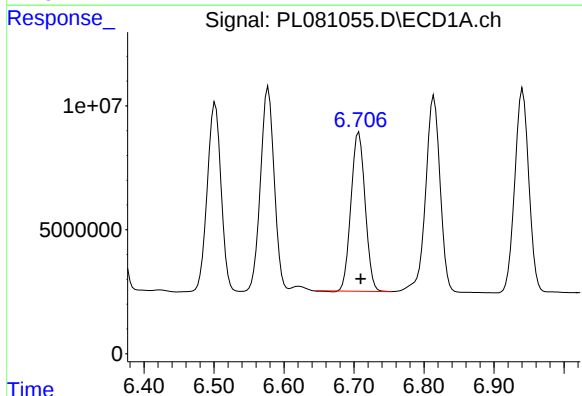
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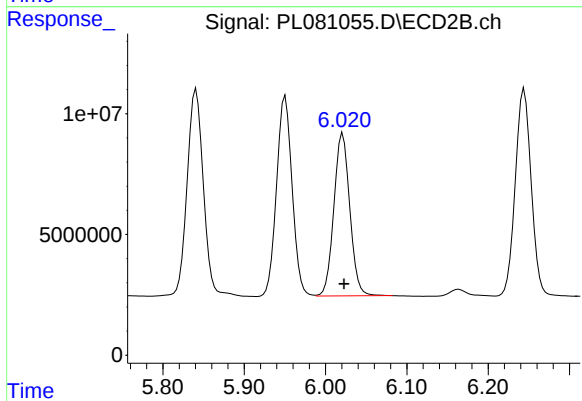
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 111094142
Conc: 51.24 ng/ml



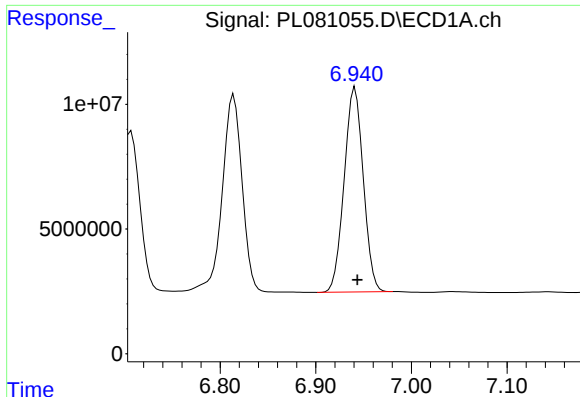
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 90035967
Conc: 49.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 91831957
Conc: 49.77 ng/ml



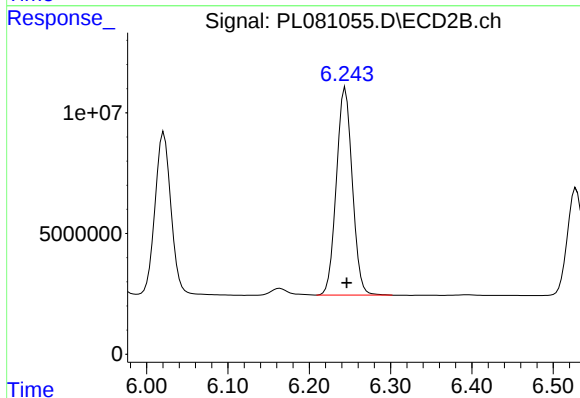
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 114425988
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

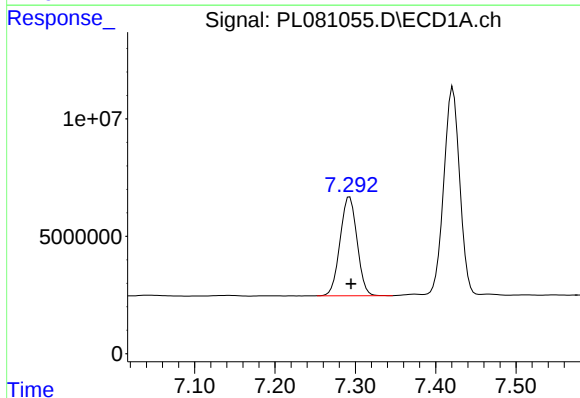
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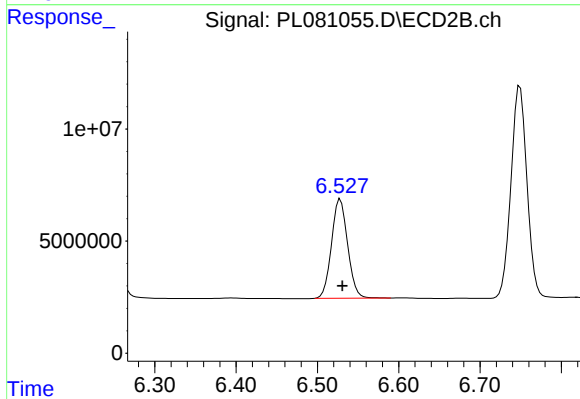
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.002 min
Response: 116865787
Conc: 49.31 ng/ml



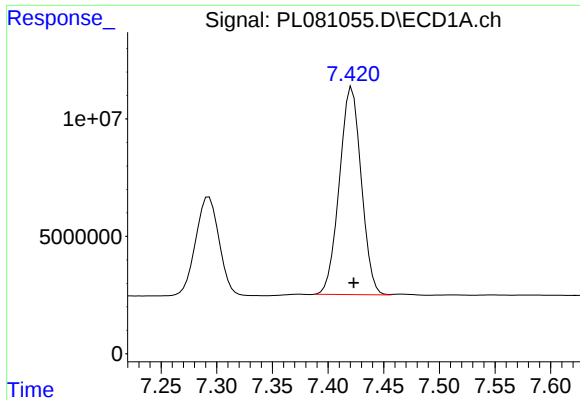
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.002 min
Response: 61800148
Conc: 50.36 ng/ml



#20 Methoxychlor

R.T.: 6.528 min
Delta R.T.: -0.002 min
Response: 61088071
Conc: 50.90 ng/ml



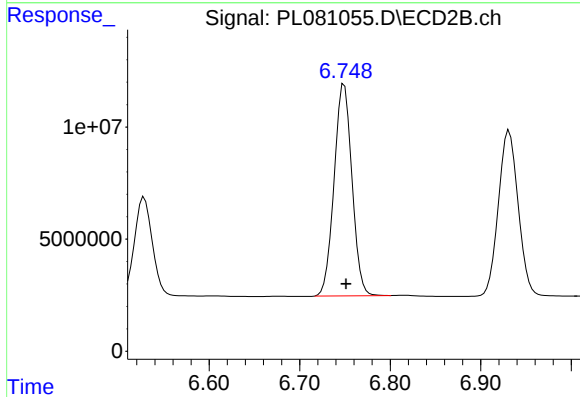
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 120790718
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

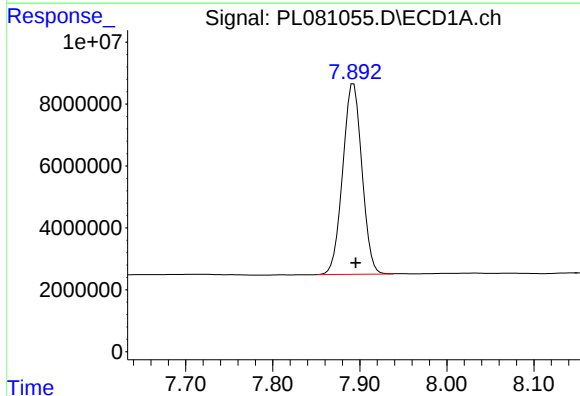
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2023
Supervised By :Ankita Jodhani 02/21/2023



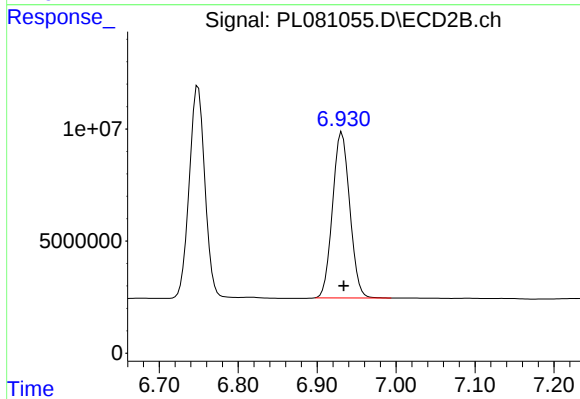
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 129609446
Conc: 49.50 ng/ml



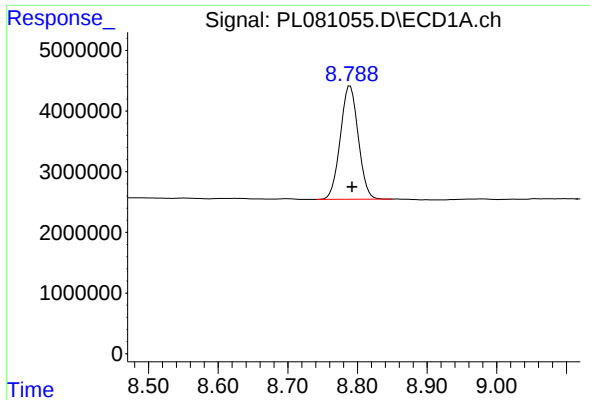
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.002 min
Response: 94530998
Conc: 50.53 ng/ml



#22 Mirex

R.T.: 6.931 min
Delta R.T.: -0.002 min
Response: 112140824
Conc: 48.21 ng/ml



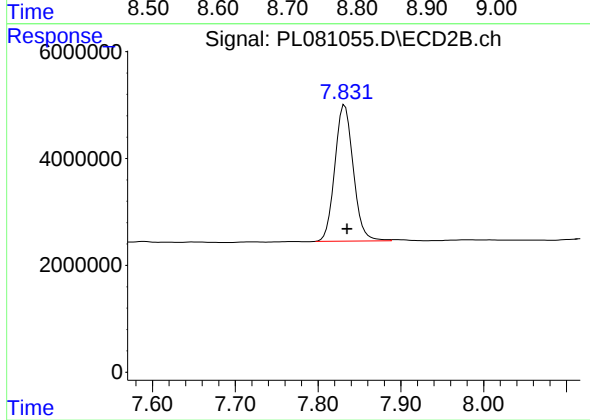
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 33397598
Conc: 17.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
CF-2MS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.832 min
Delta R.T.: -0.003 min
Response: 39531330
Conc: 16.87 ng/ml