

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101322\
 Data File : PL078313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2022 10:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/14/2022
 Supervised By : Ankita Jodhani 10/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 23:20:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 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	2.618	76461269	118.5E6	46.267	44.849
2)	SA Decachlor...	8.906	7.716	67839285	97644239	43.943	44.918
Target Compounds							
2)	A alpha-BHC	3.883	3.111	113.1E6	186.5E6	44.988	44.808
3)	MA gamma-BHC...	4.218	3.435	101.5E6	168.5E6	43.518	48.349
4)	MA Heptachlor	4.794	3.765	102.3E6	163.9E6	46.023	45.900
5)	MB Aldrin	5.134	4.040	92825441	149.8E6	44.322	44.041
6)	B beta-BHC	4.432	3.735	43791932	67631420	44.029	45.875
7)	B delta-BHC	4.675	3.958	92458512	165.7E6	50.308	44.819
8)	B Heptachlo...	5.567	4.539	88158231	135.4E6	57.904	45.957
9)	A Endosulfan I	5.953	4.905	77072124	126.9E6	45.911	46.025
10)	B gamma-Chl...	5.822	4.788	85259105	137.3E6	47.850	45.857
11)	B alpha-Chl...	5.899	4.851	83323922	133.1E6	46.530	46.208
12)	B 4,4'-DDE	6.079	5.045	77397032	130.9E6	45.923	45.776
13)	MA Dieldrin	6.230	5.168	77297861	139.8E6	44.927	47.723
14)	MA Endrin	6.462	5.440	66177353	118.3E6	44.349	51.374
15)	B Endosulfa...	6.690	5.737	65222369	108.6E6	48.652	44.360
16)	A 4,4'-DDD	6.604	5.598	58022587	107.3E6	47.122	48.189
17)	MA 4,4'-DDT	6.914	5.846	63215806	105.7E6	43.182	46.556
18)	B Endrin al...	6.822	5.916	51375587	82981619	44.893	44.847
19)	B Endosulfa...	7.055	6.139	63000385	109.1E6	44.169	45.341
20)	A Methoxychlor	7.395	6.424	32333770	55865633	42.673	44.232
21)	B Endrin ke...	7.544	6.637	75753669	114.9E6	48.557	43.351m
22)	Mirex	8.001	6.813	52322583	86086067	44.298	44.747

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

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 Acq On : 13 Oct 2022 10:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

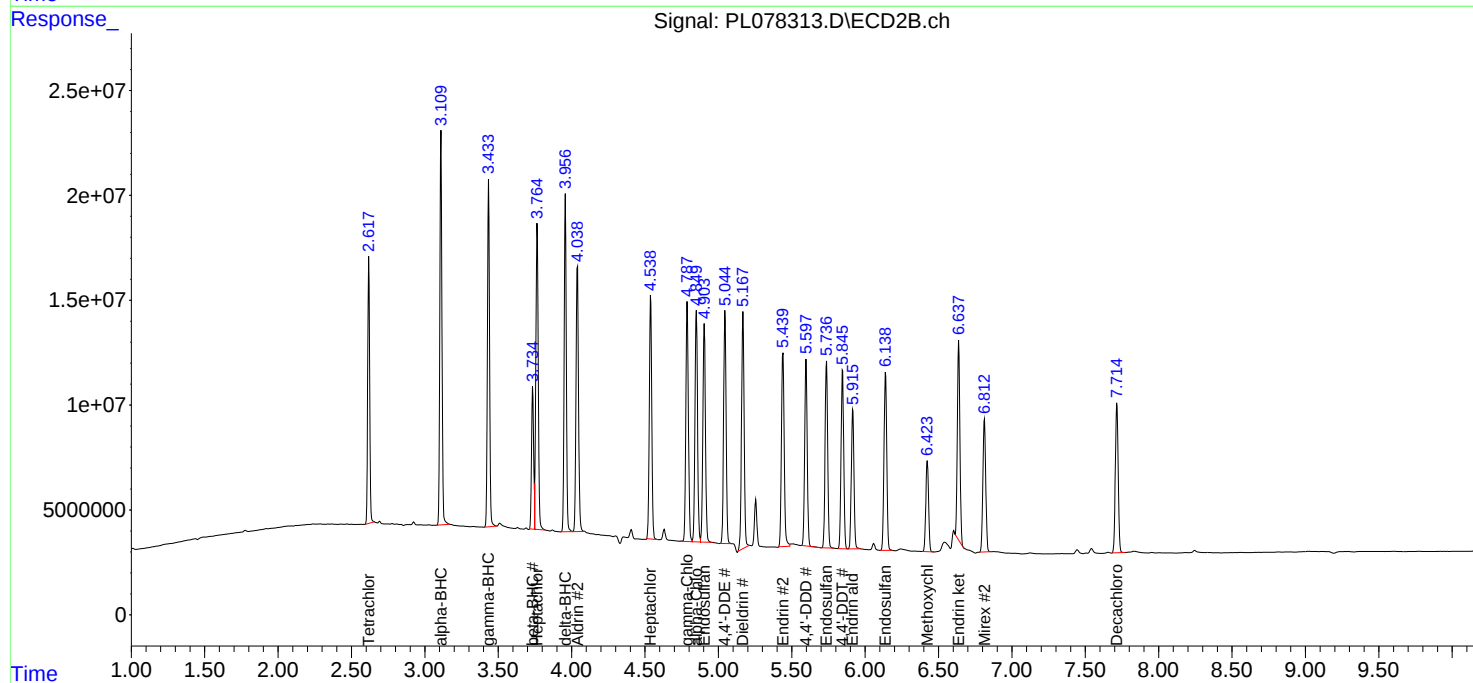
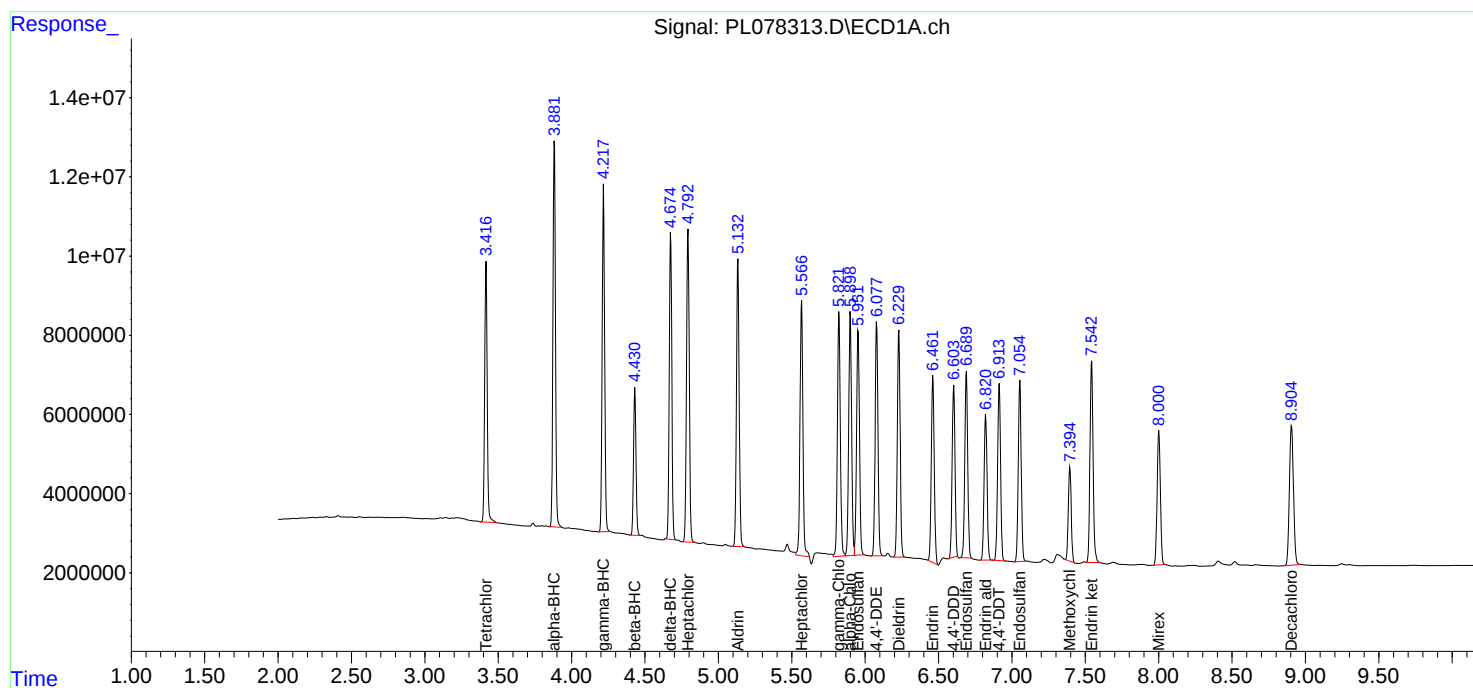
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

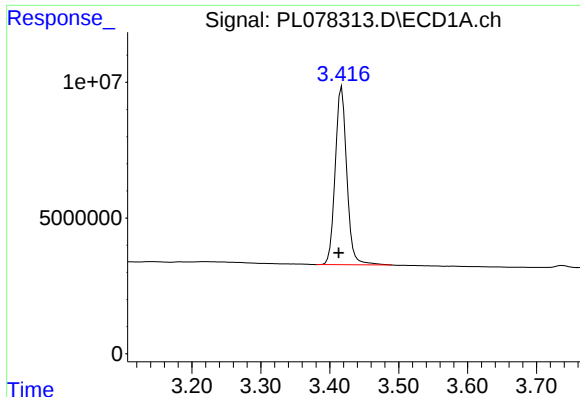
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 23:20:34 2022
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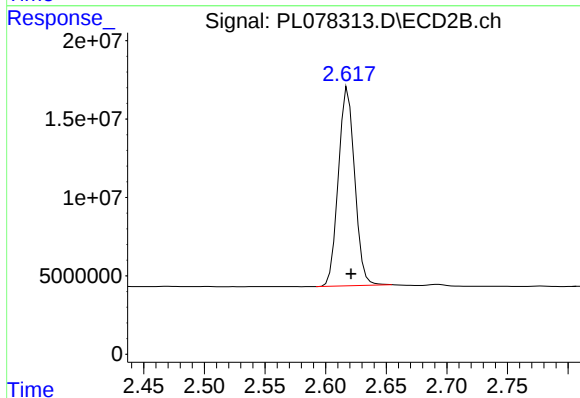
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.004 min
Response: 76461269
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

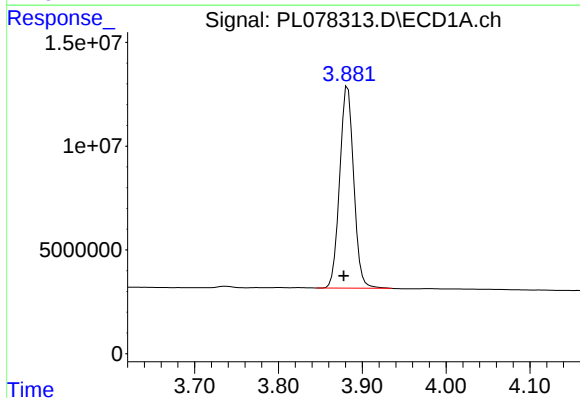
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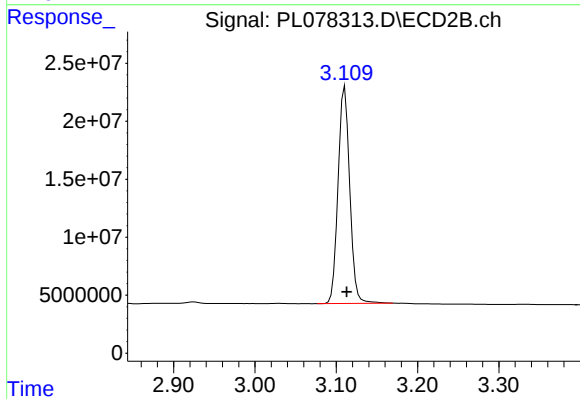
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: -0.002 min
Response: 118548700
Conc: 44.85 ng/ml



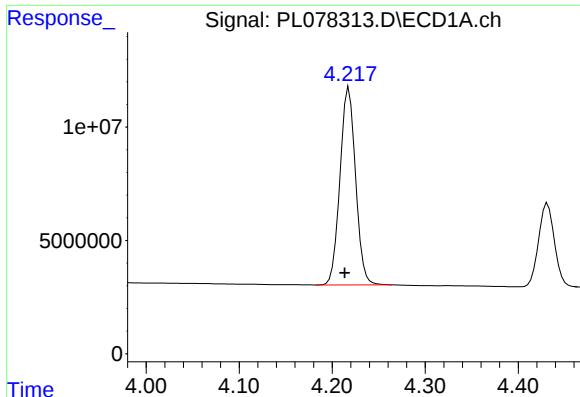
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.005 min
Response: 113132429
Conc: 44.99 ng/ml



#2 alpha-BHC

R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 186501137
Conc: 44.81 ng/ml



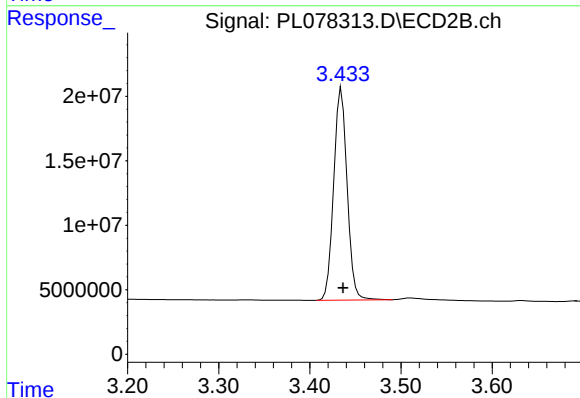
#3 gamma-BHC (Lindane)

R.T.: 4.218 min
Delta R.T.: 0.005 min
Response: 101483665
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

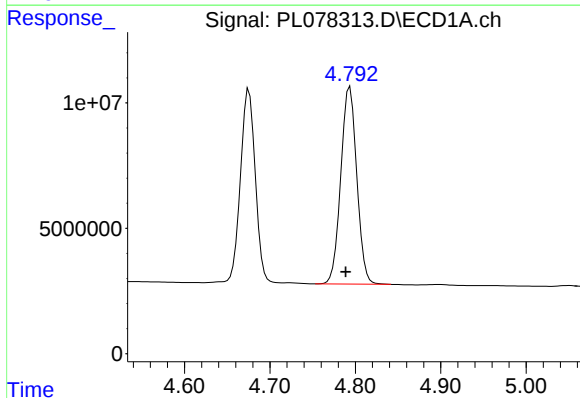
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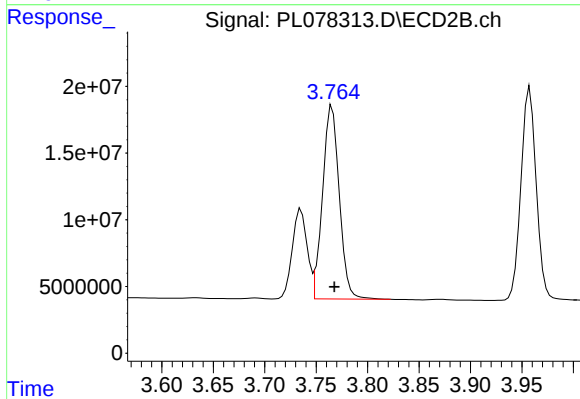
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: -0.002 min
Response: 168476170
Conc: 48.35 ng/ml



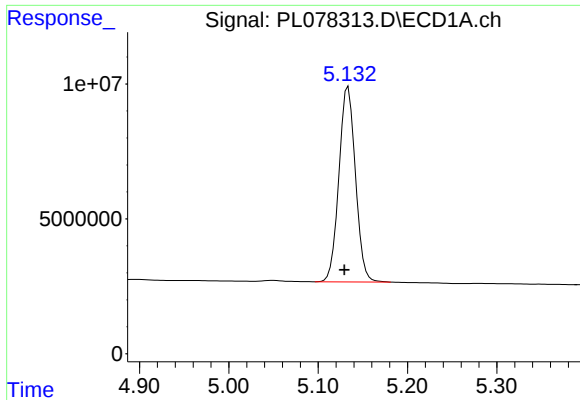
#4 Heptachlor

R.T.: 4.794 min
Delta R.T.: 0.005 min
Response: 102301458
Conc: 46.02 ng/ml



#4 Heptachlor

R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 163928126
Conc: 45.90 ng/ml



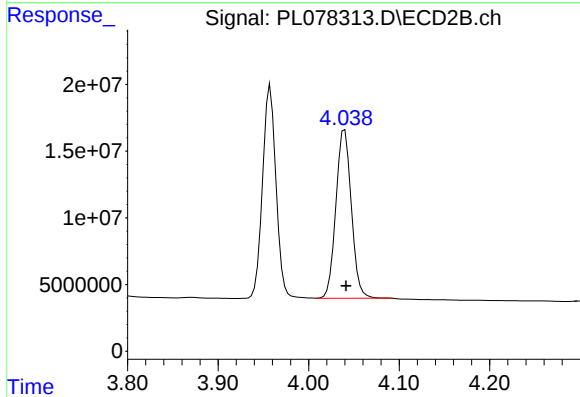
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.004 min
Response: 92825441
Conc: 44.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

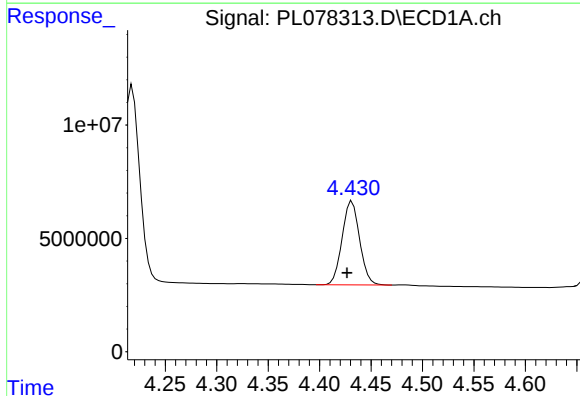
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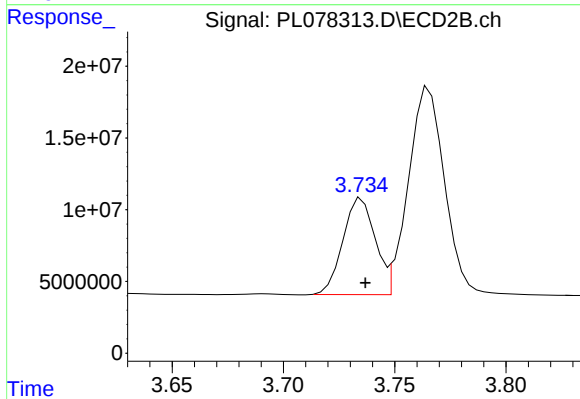
#5 Aldrin

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 149824345
Conc: 44.04 ng/ml



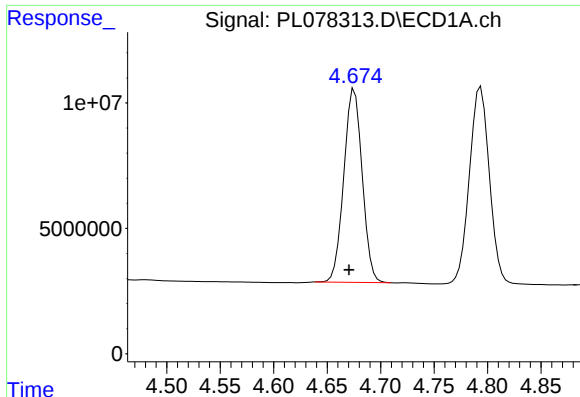
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.005 min
Response: 43791932
Conc: 44.03 ng/ml



#6 beta-BHC

R.T.: 3.735 min
Delta R.T.: -0.002 min
Response: 67631420
Conc: 45.87 ng/ml



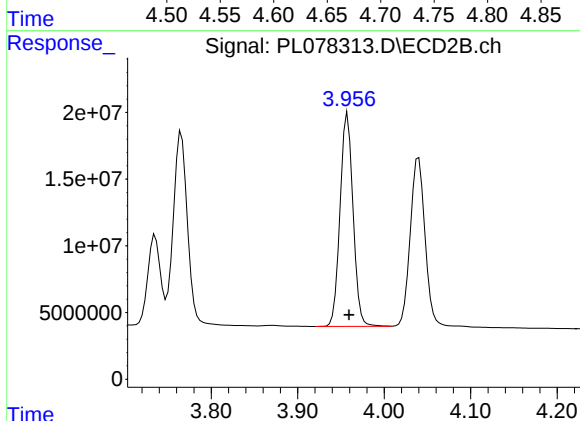
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.005 min
Response: 92458512
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

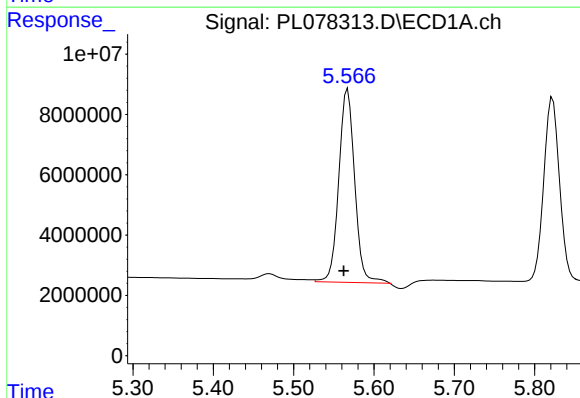
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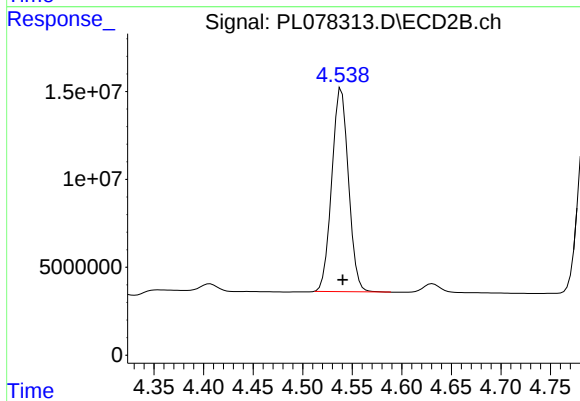
#7 delta-BHC

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 165675402
Conc: 44.82 ng/ml



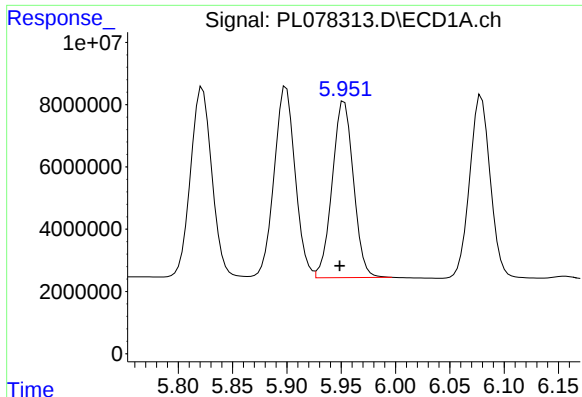
#8 Heptachlor epoxide

R.T.: 5.567 min
Delta R.T.: 0.005 min
Response: 88158231
Conc: 57.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.539 min
Delta R.T.: -0.001 min
Response: 135419914
Conc: 45.96 ng/ml



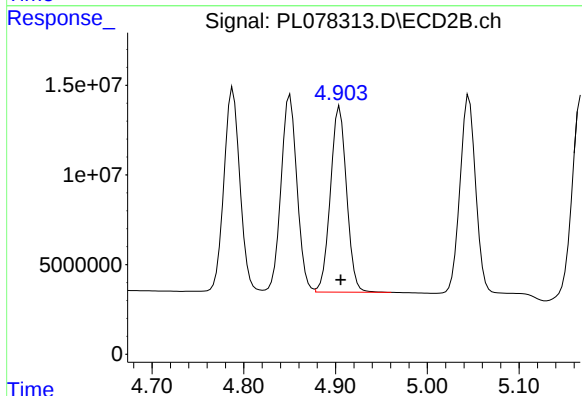
#9 Endosulfan I

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 77072124
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

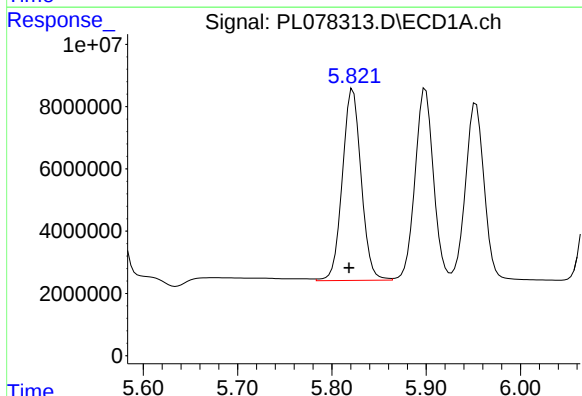
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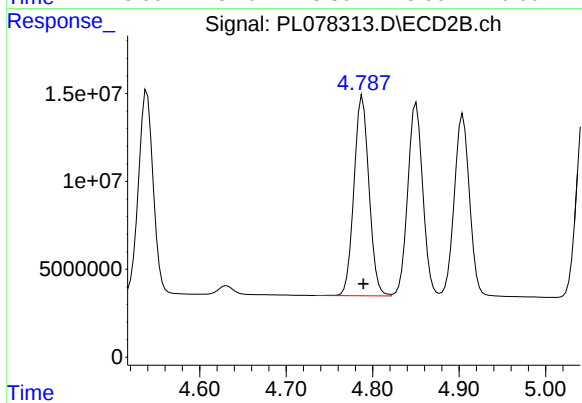
#9 Endosulfan I

R.T.: 4.905 min
Delta R.T.: -0.001 min
Response: 126941283
Conc: 46.02 ng/ml



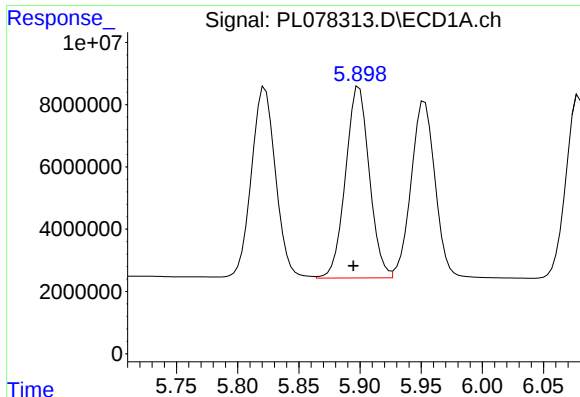
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 85259105
Conc: 47.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.788 min
Delta R.T.: -0.001 min
Response: 137271083
Conc: 45.86 ng/ml



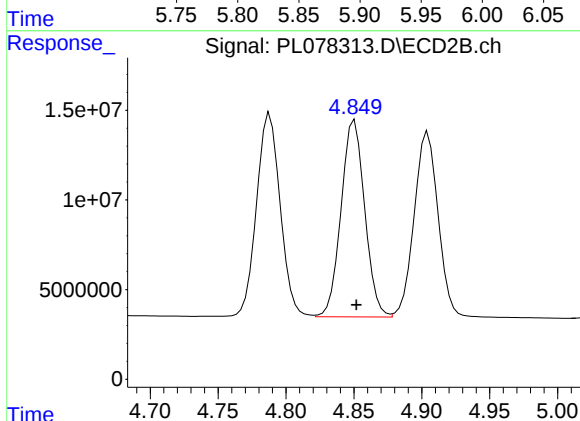
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.005 min
Response: 83323922
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

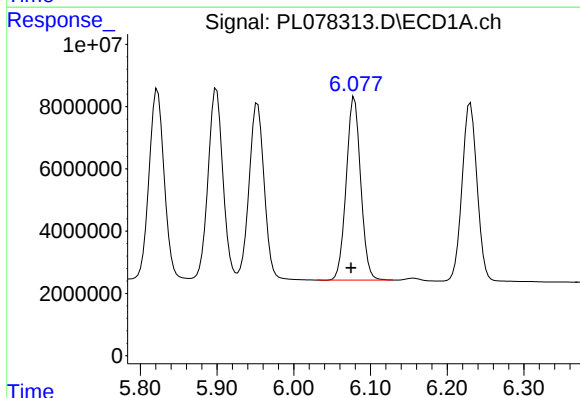
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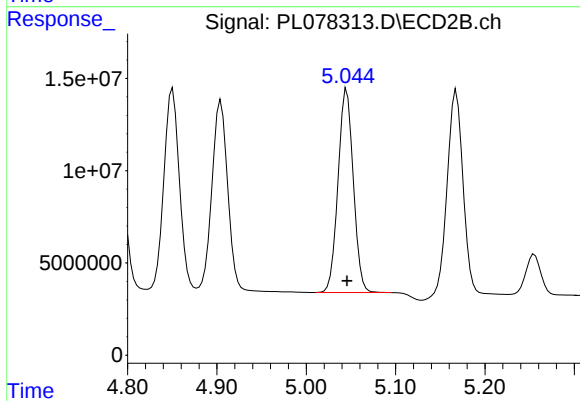
#11 alpha-Chlordane

R.T.: 4.851 min
Delta R.T.: -0.001 min
Response: 133061581
Conc: 46.21 ng/ml



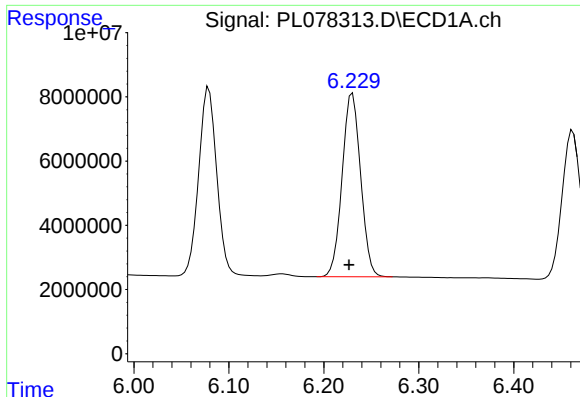
#12 4,4'-DDE

R.T.: 6.079 min
Delta R.T.: 0.004 min
Response: 77397032
Conc: 45.92 ng/ml



#12 4,4'-DDE

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 130861128
Conc: 45.78 ng/ml



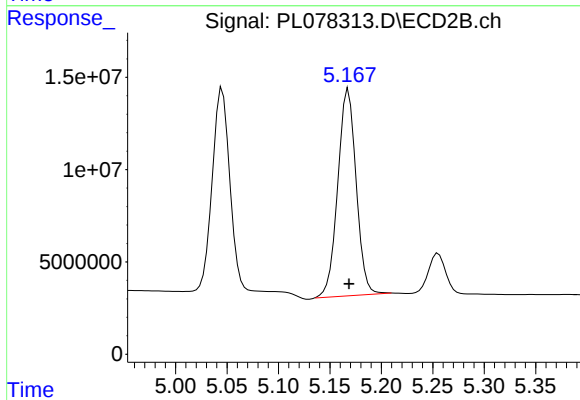
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.004 min
Response: 77297861
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

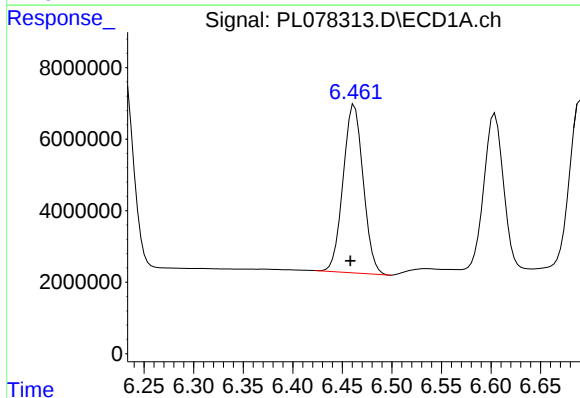
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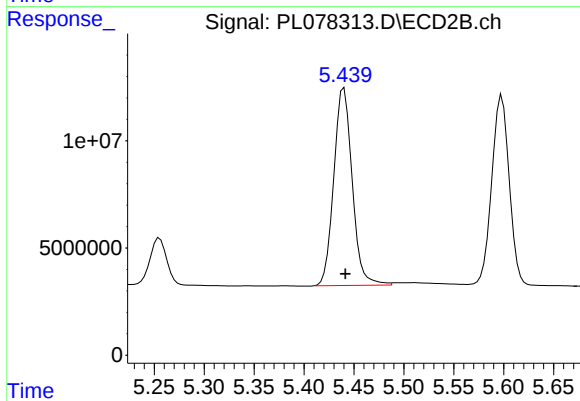
#13 Dieldrin

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 139836070
Conc: 47.72 ng/ml



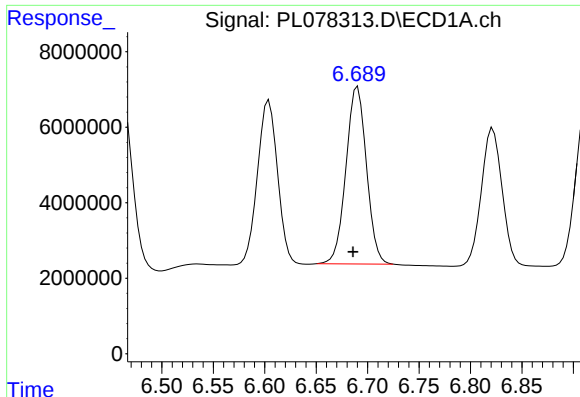
#14 Endrin

R.T.: 6.462 min
Delta R.T.: 0.004 min
Response: 66177353
Conc: 44.35 ng/ml



#14 Endrin

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 118333116
Conc: 51.37 ng/ml



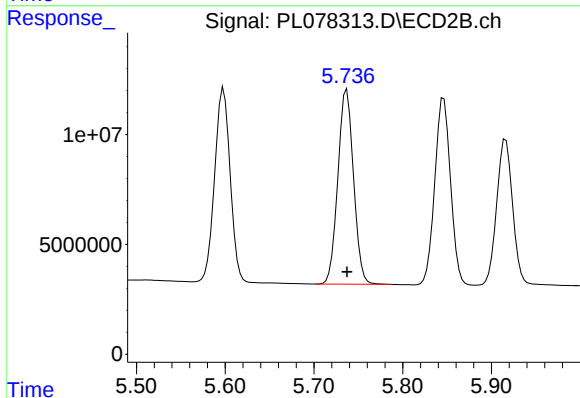
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: 0.004 min
Response: 65222369
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

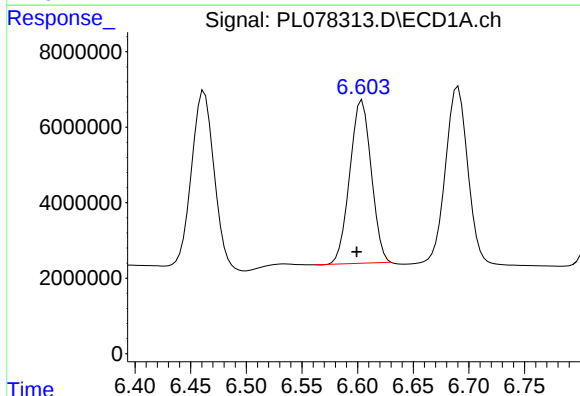
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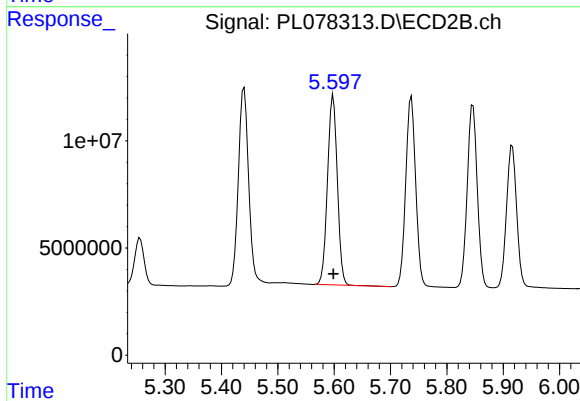
#15 Endosulfan II

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 108594657
Conc: 44.36 ng/ml



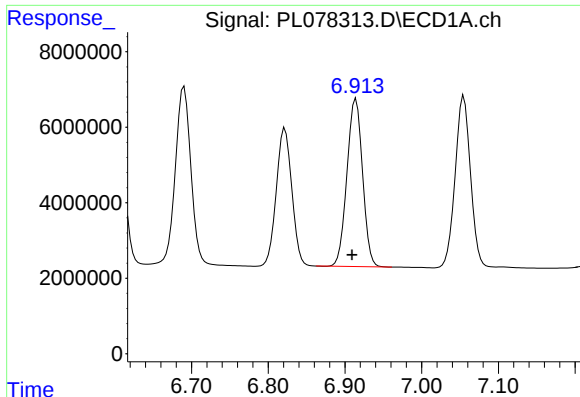
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.005 min
Response: 58022587
Conc: 47.12 ng/ml



#16 4,4'-DDD

R.T.: 5.598 min
Delta R.T.: 0.000 min
Response: 107338318
Conc: 48.19 ng/ml



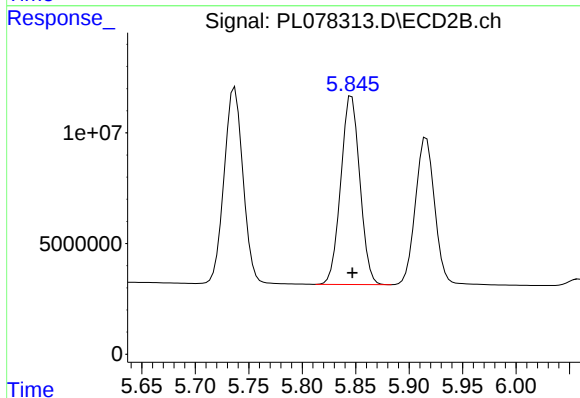
#17 4,4'-DDT

R.T.: 6.914 min
Delta R.T.: 0.005 min
Response: 63215806
Conc: 43.18 ng/ml

Instrument :
ECD_L
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PSTDCCC050

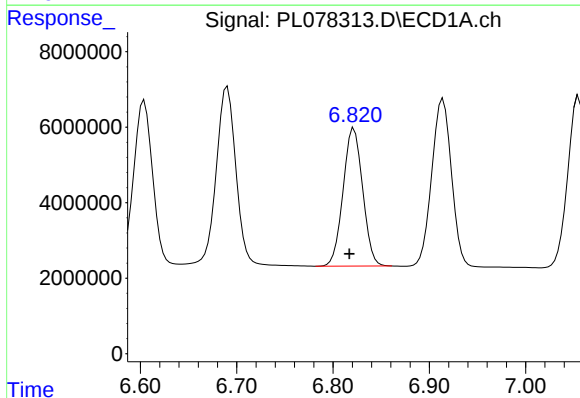
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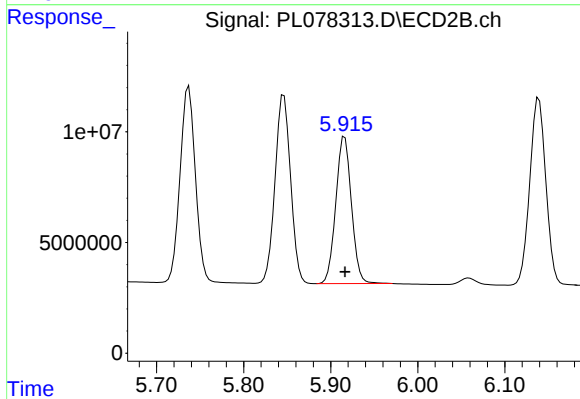
#17 4,4'-DDT

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 105677739
Conc: 46.56 ng/ml



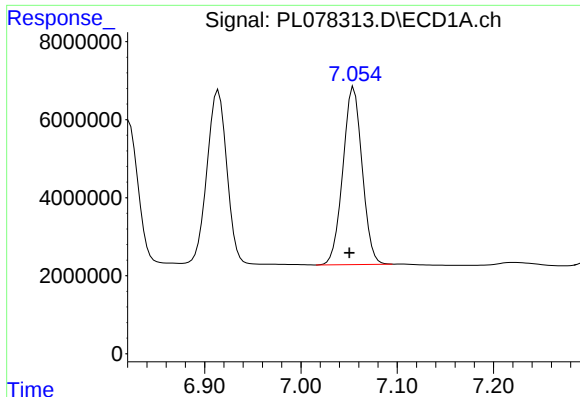
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.005 min
Response: 51375587
Conc: 44.89 ng/ml



#18 Endrin aldehyde

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 82981619
Conc: 44.85 ng/ml



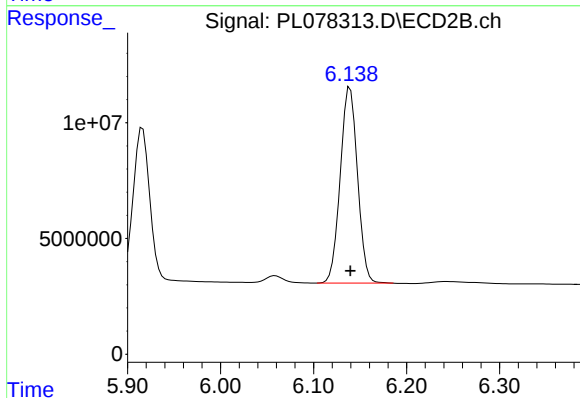
#19 Endosulfan Sulfate

R.T.: 7.055 min
Delta R.T.: 0.005 min
Response: 63000385
Conc: 44.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

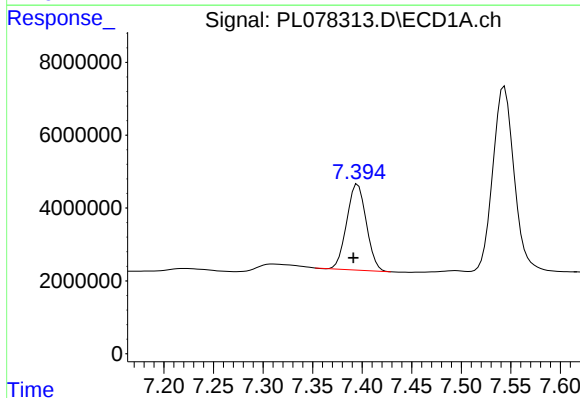
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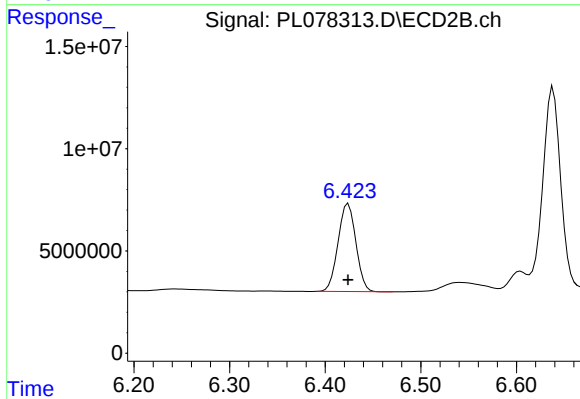
#19 Endosulfan Sulfate

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 109145015
Conc: 45.34 ng/ml



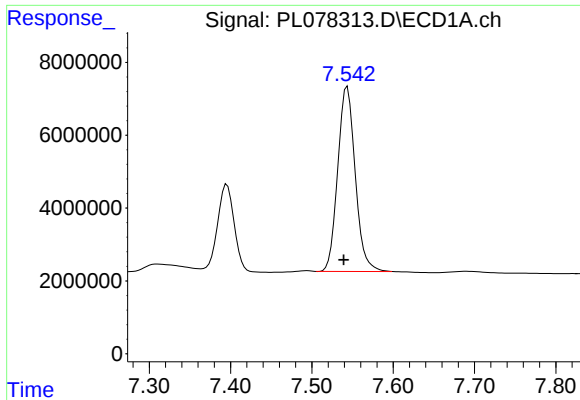
#20 Methoxychlor

R.T.: 7.395 min
Delta R.T.: 0.004 min
Response: 32333770
Conc: 42.67 ng/ml



#20 Methoxychlor

R.T.: 6.424 min
Delta R.T.: 0.000 min
Response: 55865633
Conc: 44.23 ng/ml



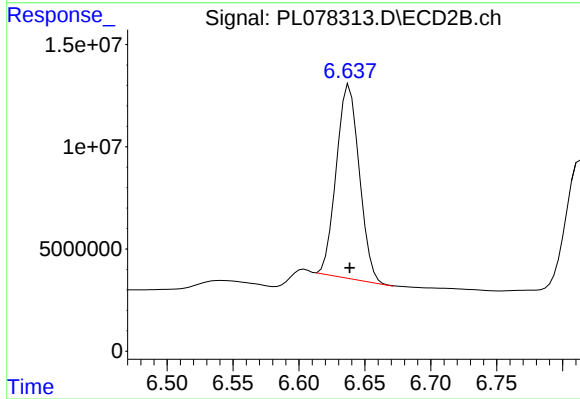
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: 0.005 min
Response: 75753669
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

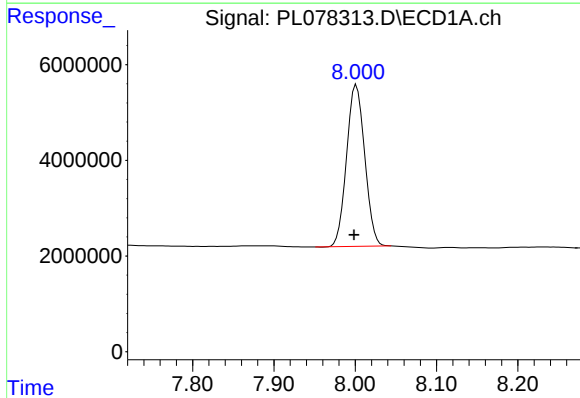
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/14/2022
Supervised By :Ankita Jodhani 10/14/2022



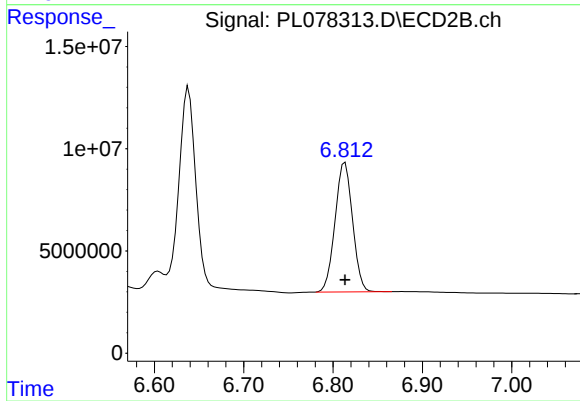
#21 Endrin ketone

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 114853227
Conc: 43.35 ng/ml m



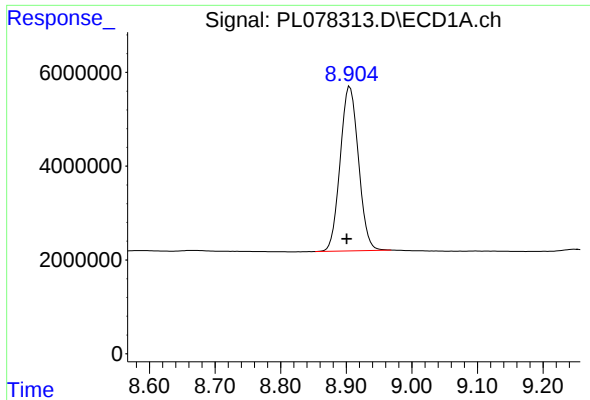
#22 Mirex

R.T.: 8.001 min
Delta R.T.: 0.003 min
Response: 52322583
Conc: 44.30 ng/ml



#22 Mirex

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 86086067
Conc: 44.75 ng/ml



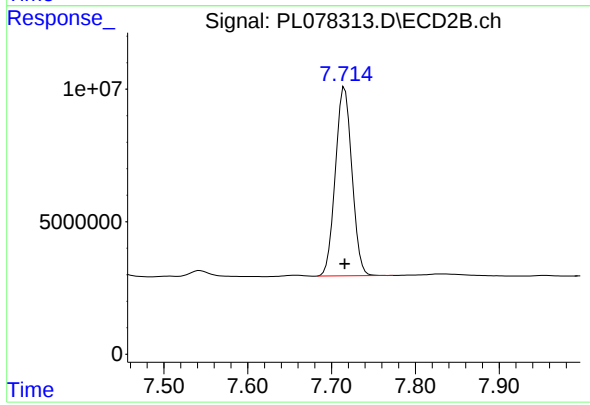
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.005 min
Response: 67839285
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.716 min
Delta R.T.: 0.000 min
Response: 97644239
Conc: 44.92 ng/ml