

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 16:25
 Operator : AR\AJ
 Sample : PB152618BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152618BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:21:23 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...	3.321	2.643	56275407	47827896	21.067	20.645
28)	SA Decachlor...	8.739	7.753	48976823	56106677	25.655	24.581
Target Compounds							
2)	A alpha-BHC	3.770	3.140	198.3E6	161.9E6	49.813	47.569
3)	MA gamma-BHC...	4.098	3.467	184.2E6	153.7E6	49.263	47.791
4)	MA Heptachlor	4.677	3.799	185.4E6	162.8E6	50.742	47.570
5)	MB Aldrin	5.014	4.076	170.9E6	158.3E6	51.825	50.256
6)	B beta-BHC	4.302	3.767	81285712	63189842	47.661	46.313
7)	B delta-BHC	4.543	3.993	181.3E6	151.9E6	50.404	49.518
8)	B Heptachlo...	5.440	4.577	156.1E6	142.4E6	51.180	49.421
9)	A Endosulfan I	5.821	4.945	143.8E6	133.4E6	51.855	49.962
10)	B gamma-Chl...	5.693	4.826	156.5E6	144.6E6	52.039m	49.820
11)	B alpha-Chl...	5.772	4.889	154.7E6	144.3E6	51.838	49.724
12)	B 4,4'-DDE	5.951	5.080	135.4E6	122.6E6	53.246	53.315
13)	MA Dieldrin	6.095	5.208	145.6E6	137.9E6	52.756	51.049m
14)	MA Endrin	6.323	5.482	128.1E6	124.9E6	52.848	51.057m
15)	B Endosulfa...	6.544	5.780	120.5E6	118.4E6	49.496	52.531
16)	A 4,4'-DDD	6.467	5.634	110.0E6	101.6E6	54.274	54.329
17)	MA 4,4'-DDT	6.778	5.883	118.2E6	111.8E6	51.660	52.907
18)	B Endrin al...	6.675	5.960	100.1E6	97131120	53.122	51.904
19)	B Endosulfa...	6.909	6.183	123.1E6	121.8E6	51.920	51.741
20)	A Methoxychlor	7.258	6.462	63659644	61226071	52.166	50.523
21)	B Endrin ke...	7.388	6.686	127.0E6	134.4E6	53.028	52.959m
22)	Mirex	7.852	6.858	97122628	111.9E6	49.646	48.553m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 16:25
Operator : AR\AJ
Sample : PB152618BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

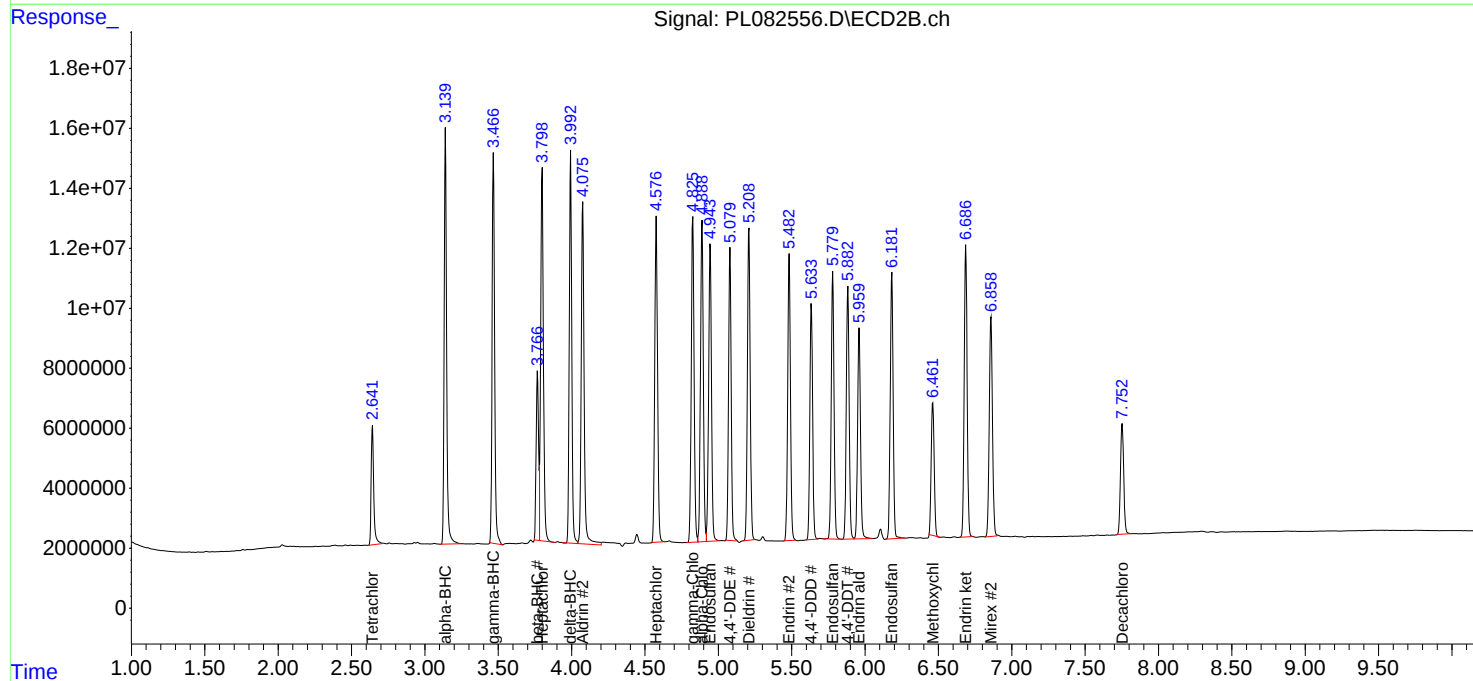
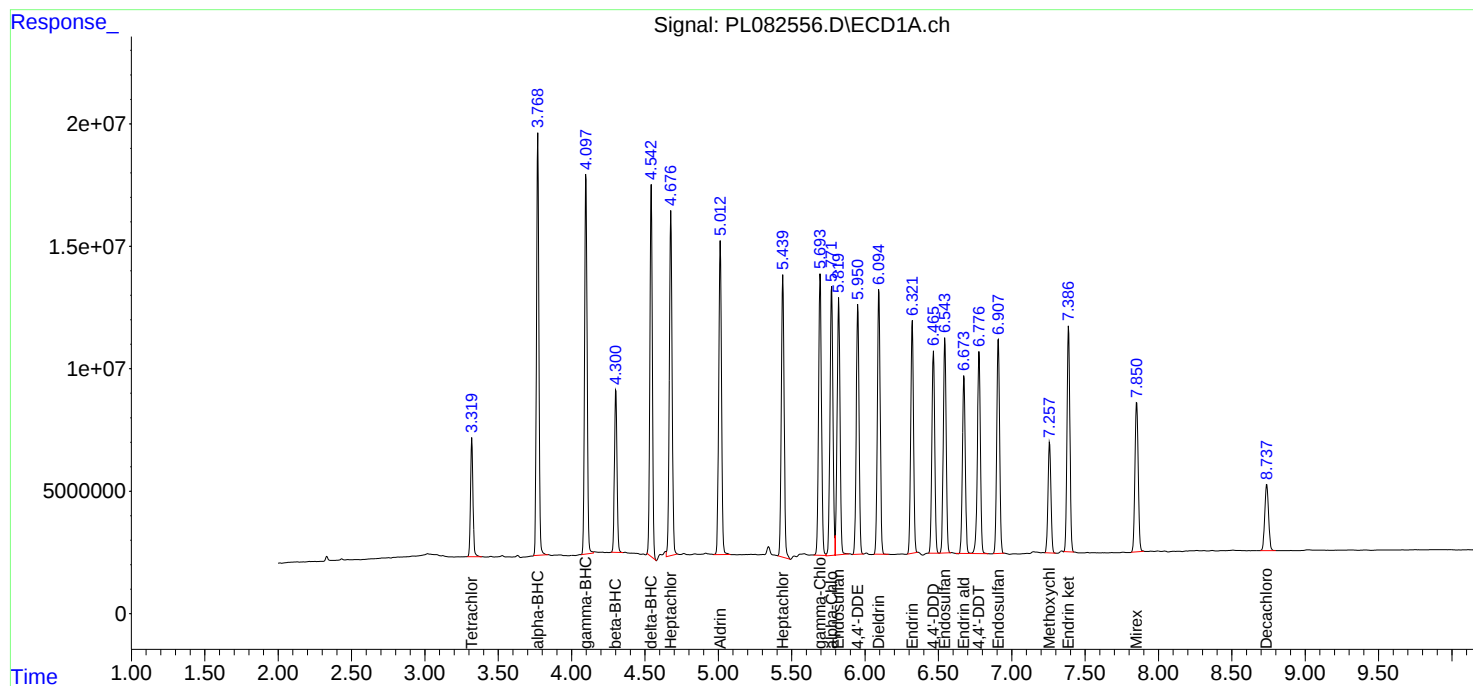
Instrument :
ECD_L
ClientSampleId :
PB152618BSD

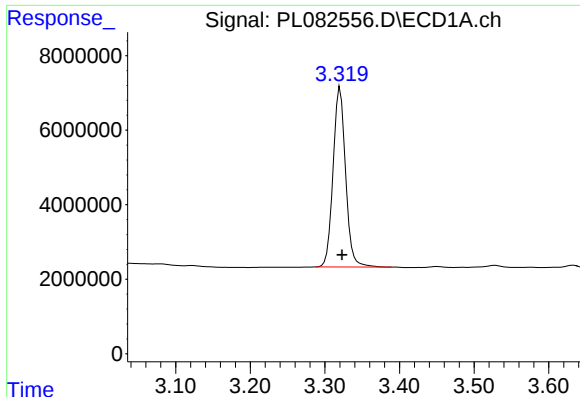
Manual Integrations
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Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 21:21:23 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





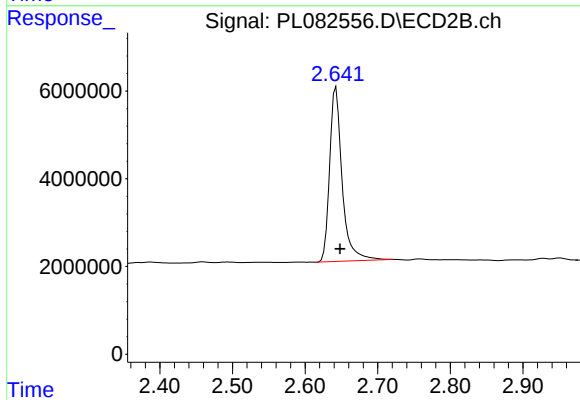
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 56275407
Conc: 21.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

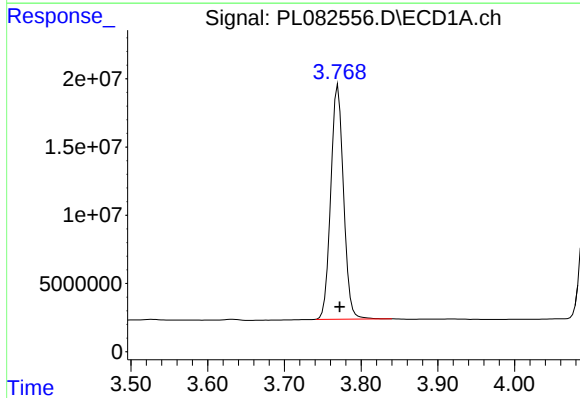
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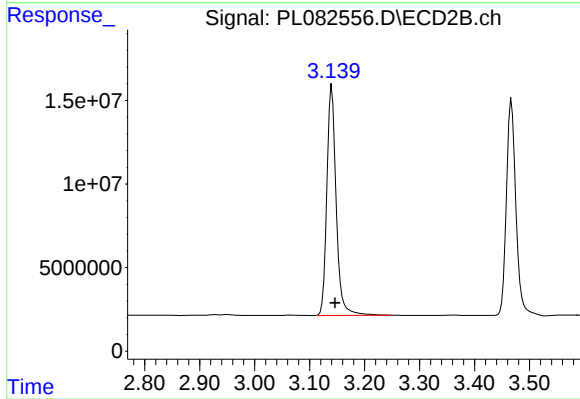
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.006 min
Response: 47827896
Conc: 20.64 ng/ml



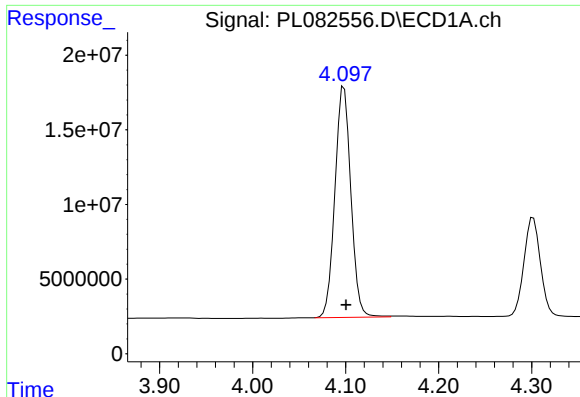
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 198267710
Conc: 49.81 ng/ml



#2 alpha-BHC

R.T.: 3.140 min
Delta R.T.: -0.006 min
Response: 161899481
Conc: 47.57 ng/ml



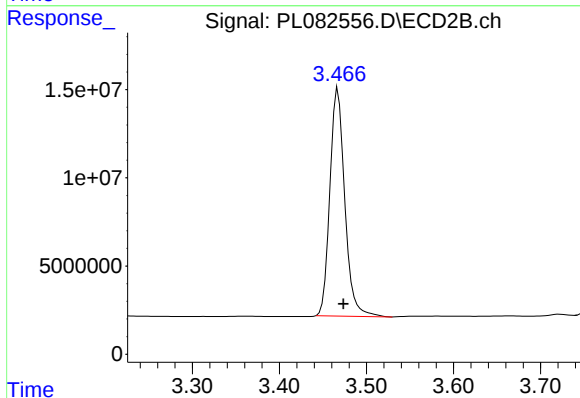
#3 gamma-BHC (Lindane)

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 184191588
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

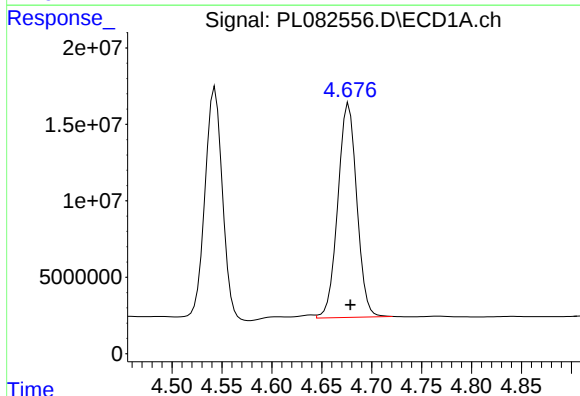
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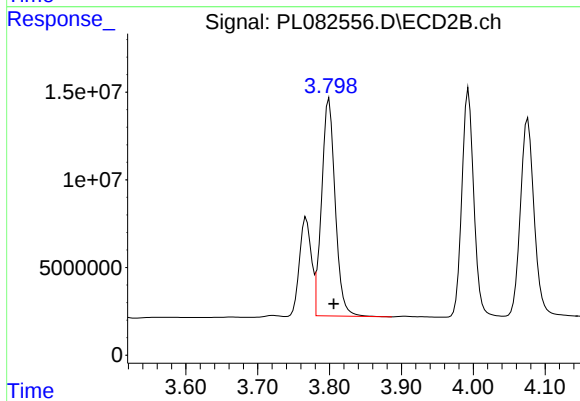
#3 gamma-BHC (Lindane)

R.T.: 3.467 min
Delta R.T.: -0.006 min
Response: 153660949
Conc: 47.79 ng/ml



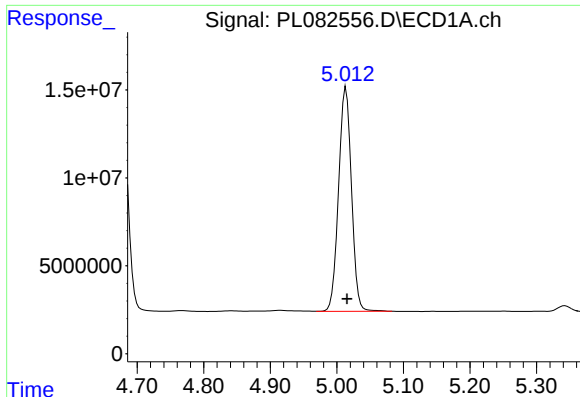
#4 Heptachlor

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 185408656
Conc: 50.74 ng/ml



#4 Heptachlor

R.T.: 3.799 min
Delta R.T.: -0.006 min
Response: 162842498
Conc: 47.57 ng/ml



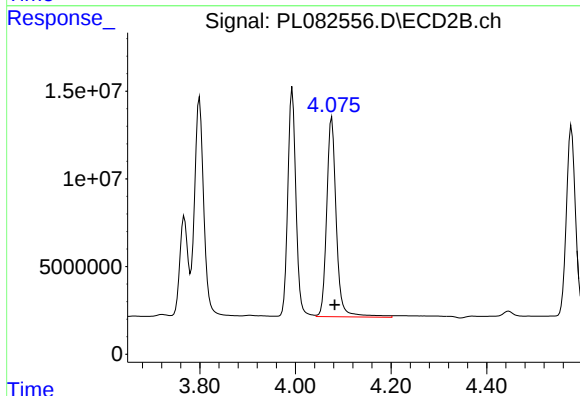
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 170897767
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

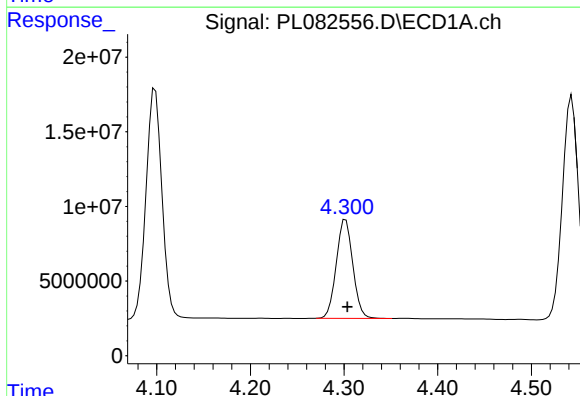
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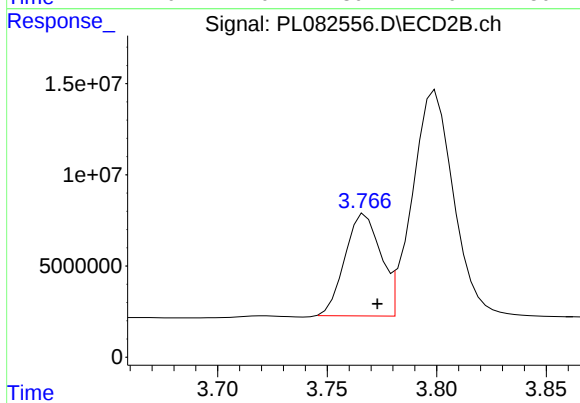
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.006 min
Response: 158299678
Conc: 50.26 ng/ml



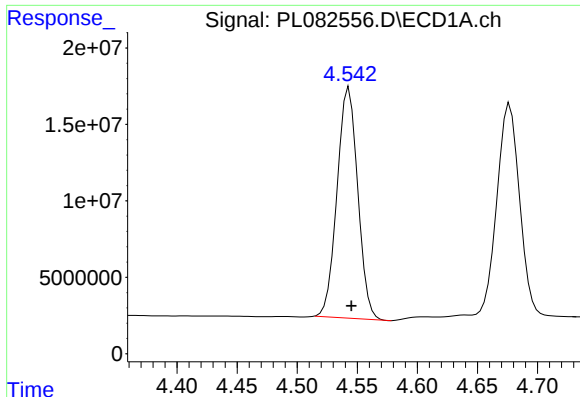
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 81285712
Conc: 47.66 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 63189842
Conc: 46.31 ng/ml



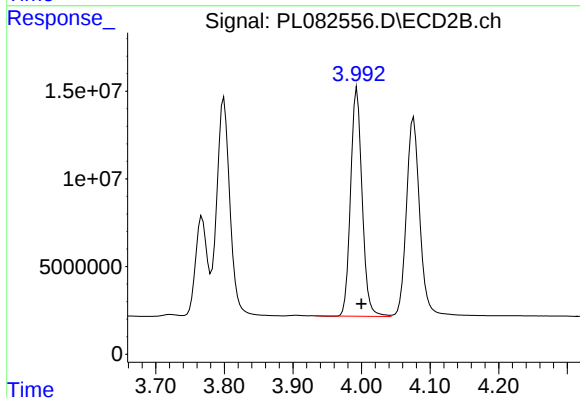
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 181342027
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

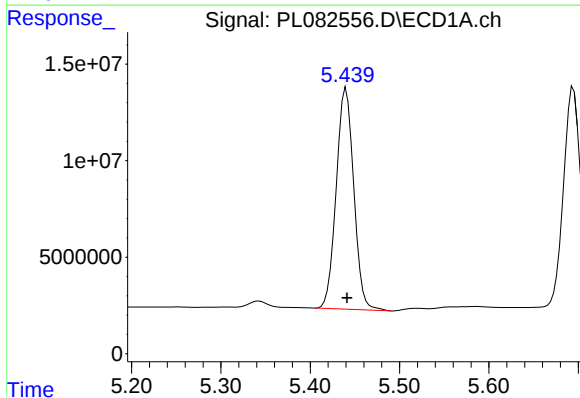
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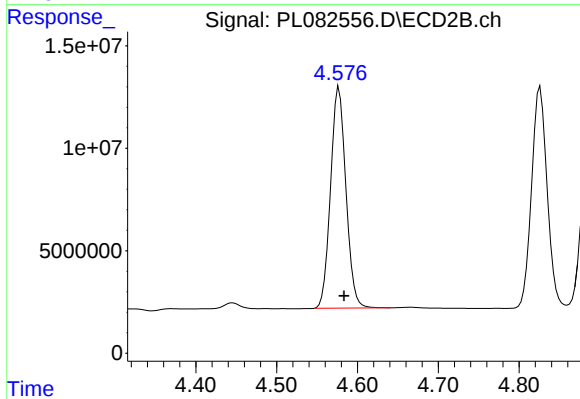
#7 delta-BHC

R.T.: 3.993 min
Delta R.T.: -0.006 min
Response: 151891052
Conc: 49.52 ng/ml



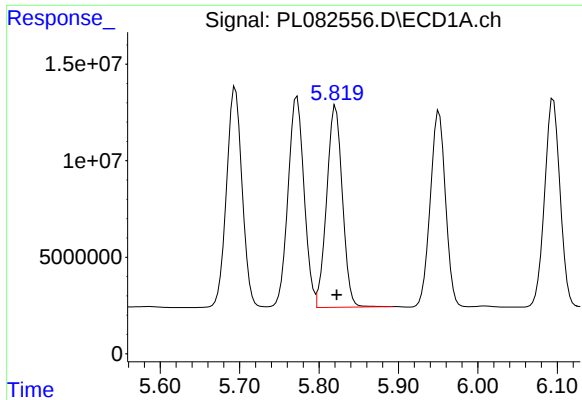
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 156116154
Conc: 51.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 142376309
Conc: 49.42 ng/ml



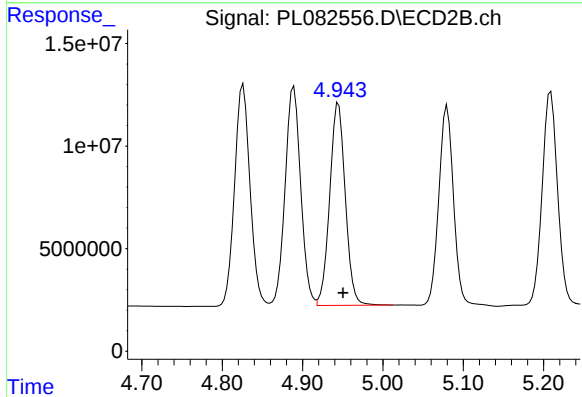
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 143779292
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

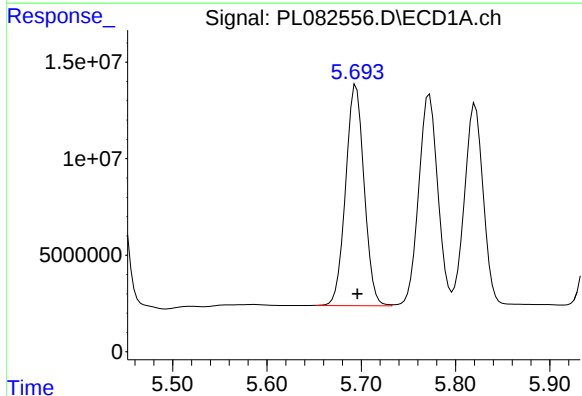
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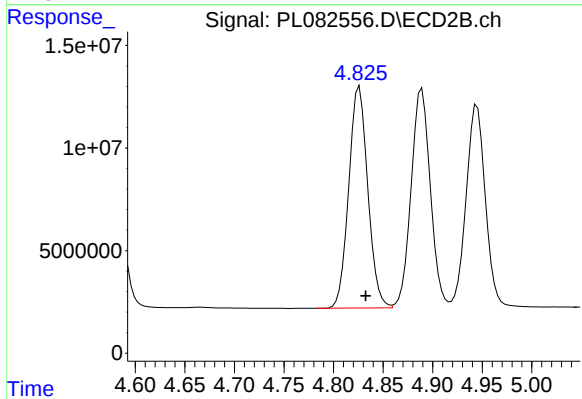
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 133370514
Conc: 49.96 ng/ml



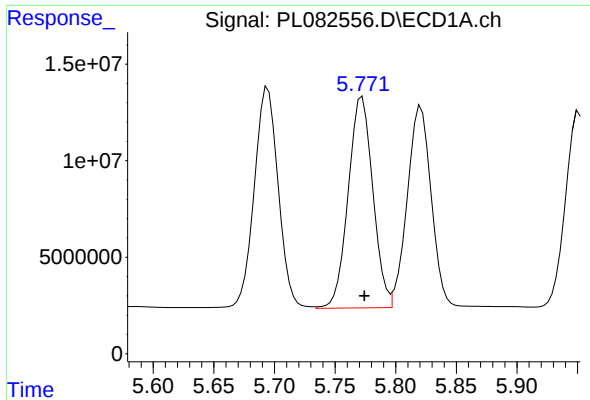
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 156475546
Conc: 52.04 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 144570521
Conc: 49.82 ng/ml



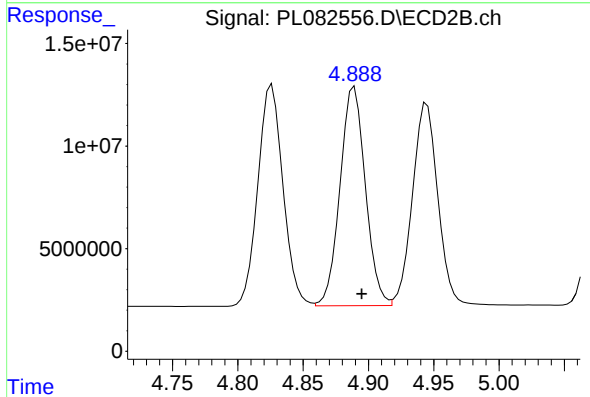
#11 alpha-Chlordane

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 154715942
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

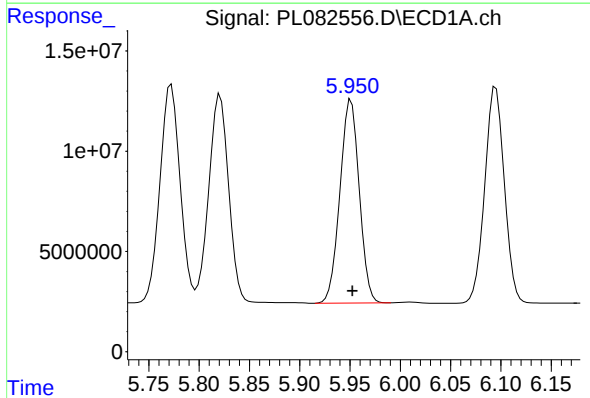
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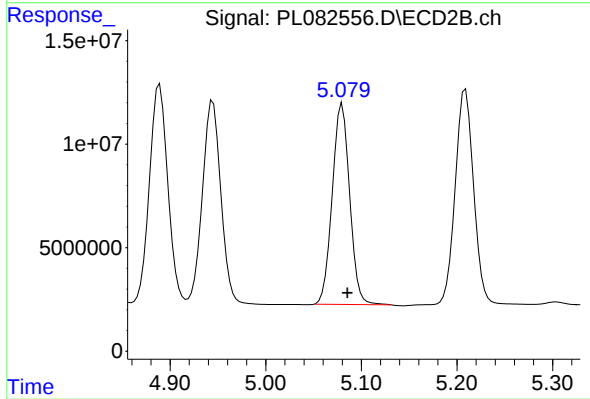
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 144340230
Conc: 49.72 ng/ml



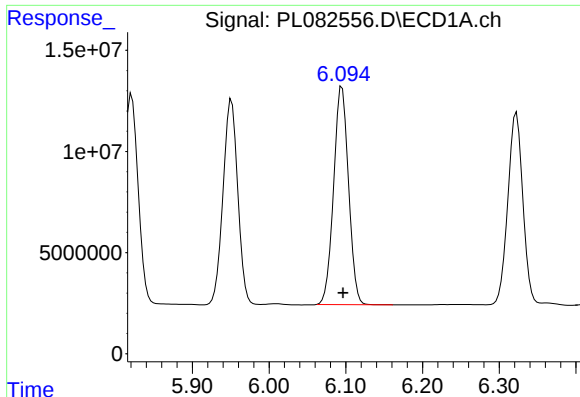
#12 4,4'-DDE

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 135352641
Conc: 53.25 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 122570130
Conc: 53.32 ng/ml



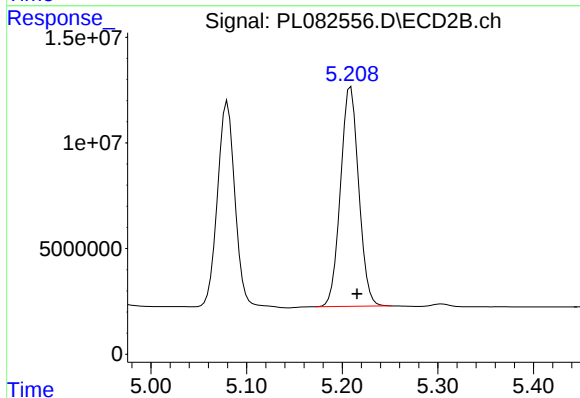
#13 Dieldrin

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 145560961
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

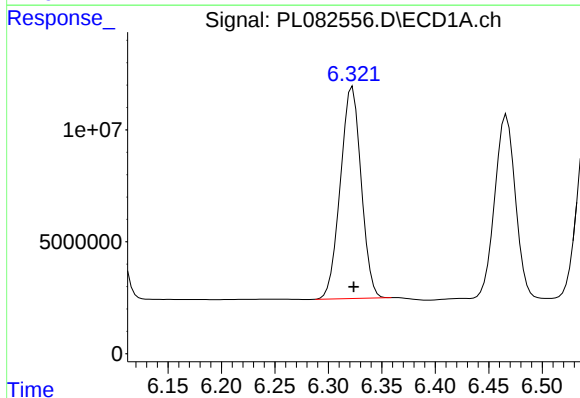
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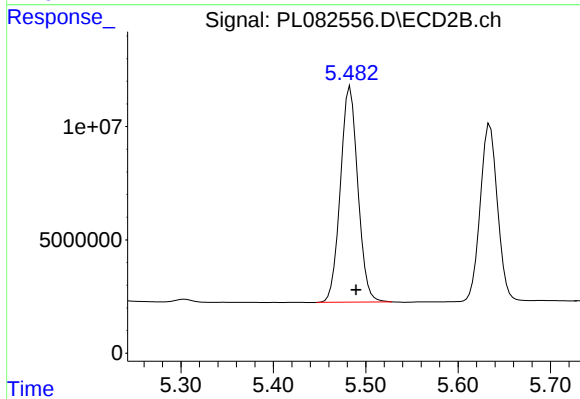
#13 Dieldrin

R.T.: 5.208 min
Delta R.T.: -0.008 min
Response: 137852430
Conc: 51.05 ng/ml m



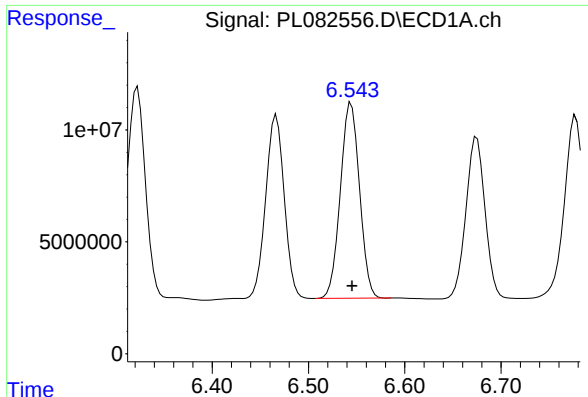
#14 Endrin

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 128133863
Conc: 52.85 ng/ml



#14 Endrin

R.T.: 5.482 min
Delta R.T.: -0.008 min
Response: 124882616
Conc: 51.06 ng/ml m



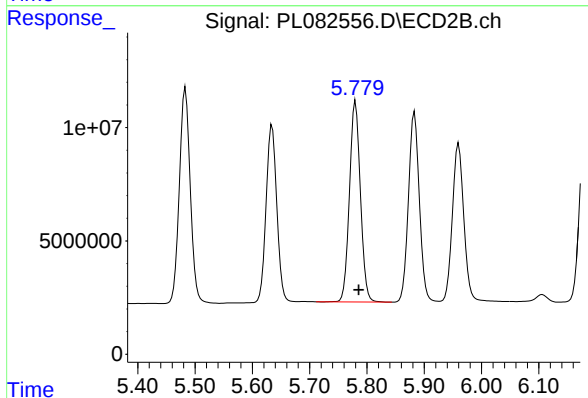
#15 Endosulfan II

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 120500716
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

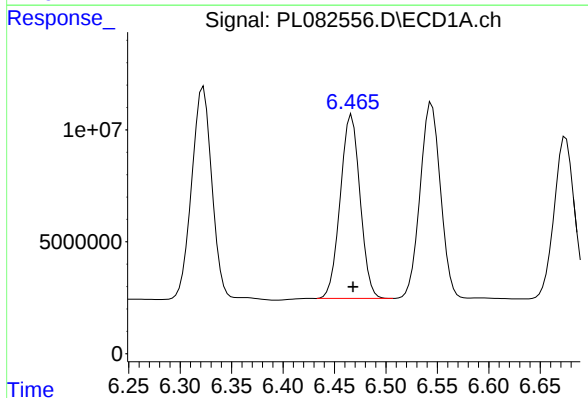
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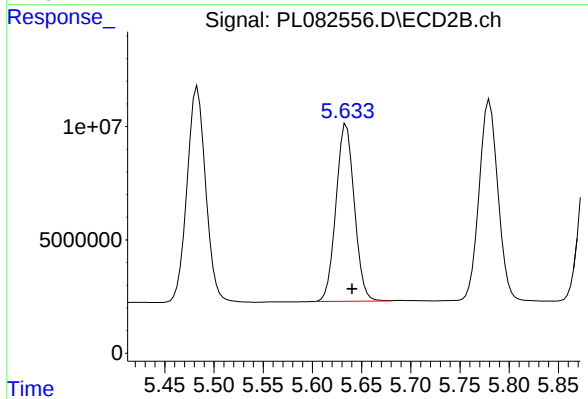
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 118410870
Conc: 52.53 ng/ml



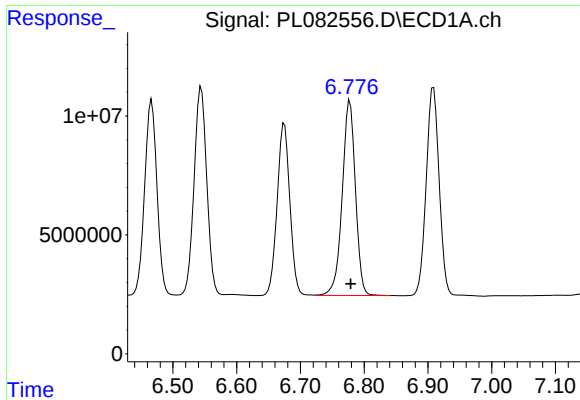
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 110024365
Conc: 54.27 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 101616805
Conc: 54.33 ng/ml



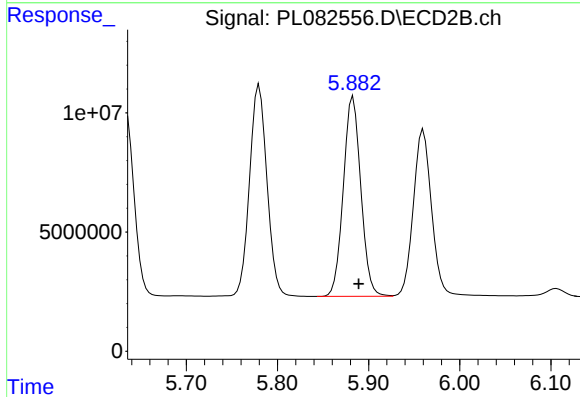
#17 4,4'-DDT

R.T.: 6.778 min
Delta R.T.: -0.001 min
Response: 118184490
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

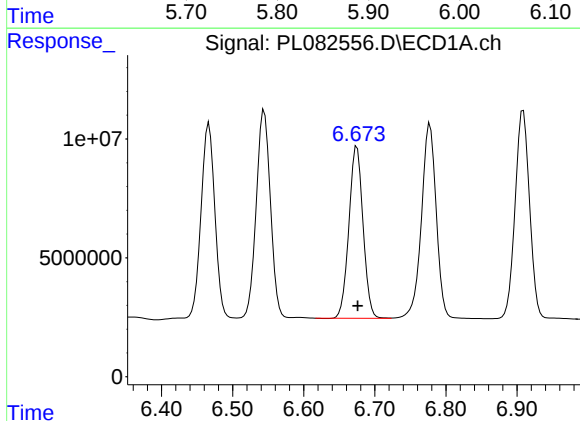
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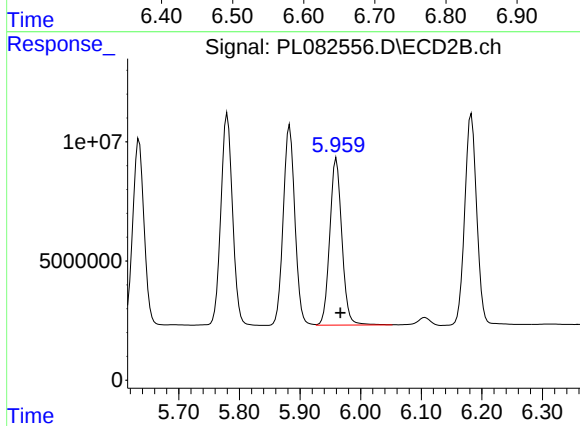
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 111771055
Conc: 52.91 ng/ml



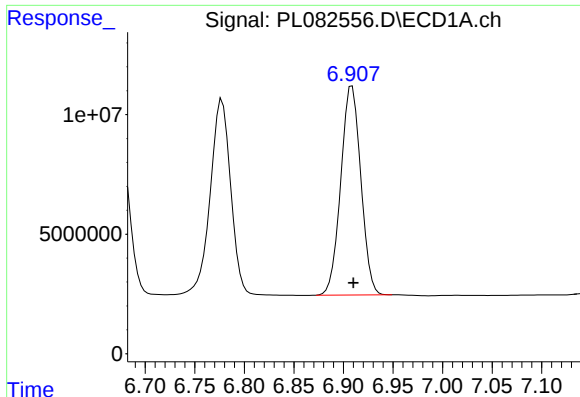
#18 Endrin aldehyde

R.T.: 6.675 min
Delta R.T.: -0.001 min
Response: 100091645
Conc: 53.12 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 97131120
Conc: 51.90 ng/ml



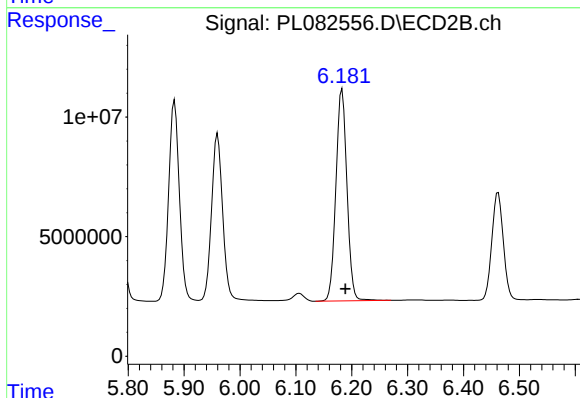
#19 Endosulfan Sulfate

R.T.: 6.909 min
Delta R.T.: -0.001 min
Response: 123130911
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

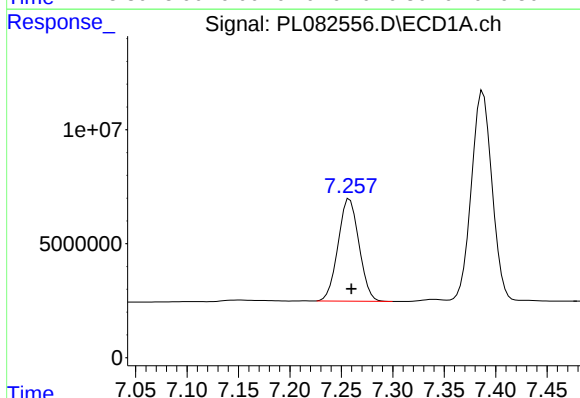
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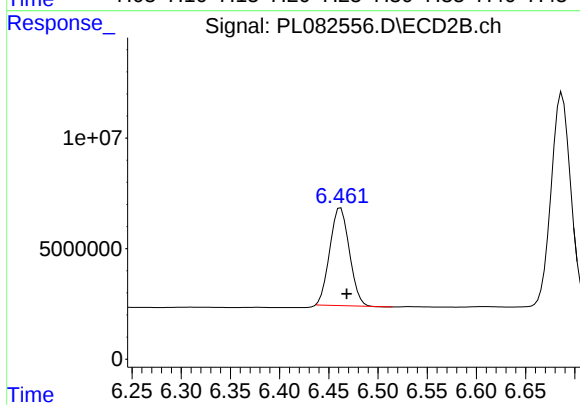
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 121813424
Conc: 51.74 ng/ml



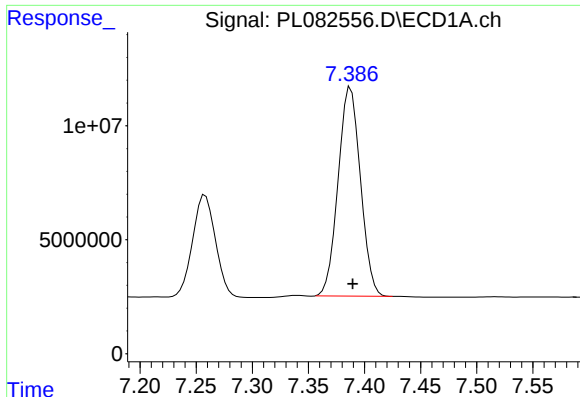
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: -0.002 min
Response: 63659644
Conc: 52.17 ng/ml



#20 Methoxychlor

R.T.: 6.462 min
Delta R.T.: -0.006 min
Response: 61226071
Conc: 50.52 ng/ml



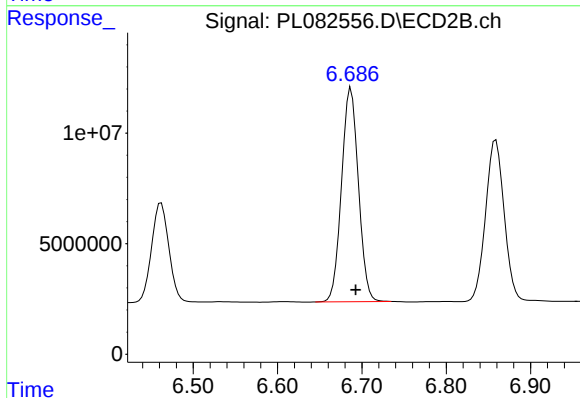
#21 Endrin ketone

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 126970062
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

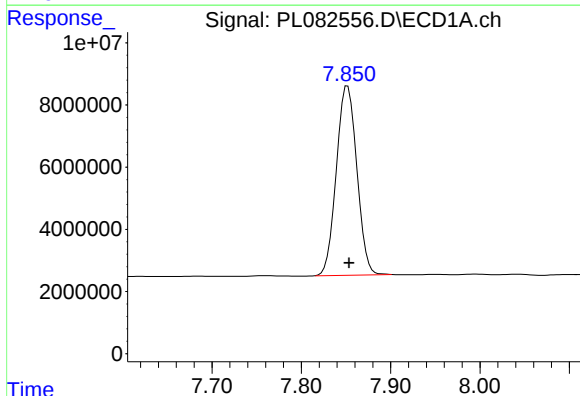
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



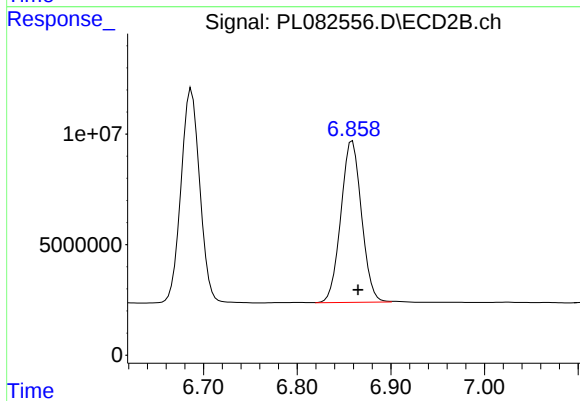
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 134419144
Conc: 52.96 ng/ml m



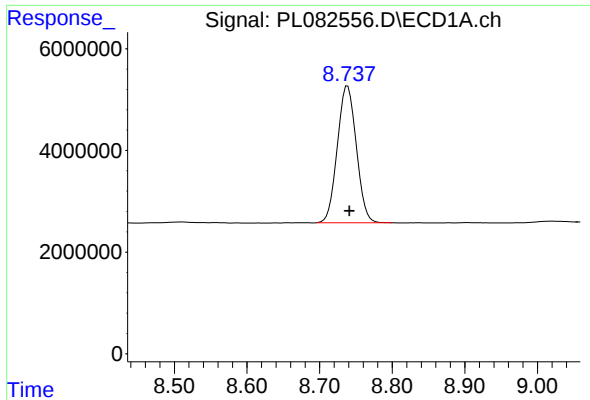
#22 Mirex

R.T.: 7.852 min
Delta R.T.: -0.002 min
Response: 97122628
Conc: 49.65 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 111879804
Conc: 48.55 ng/ml m



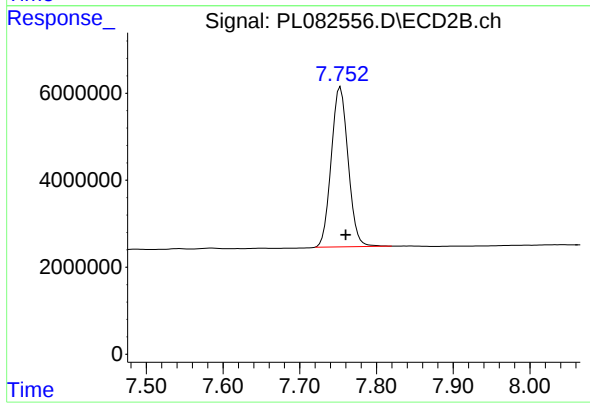
#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.002 min
Response: 48976823
Conc: 25.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152618BSD

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#28 Decachlorobiphenyl

R.T.: 7.753 min
Delta R.T.: -0.007 min
Response: 56106677
Conc: 24.58 ng/ml