

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 10:15
 Operator : AR\AJ
 Sample : 01541-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ASHMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2023
 Supervised By : Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:29:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.689	42183784	37792716	19.668	17.206
28)	SA Decachlor...	8.791	7.833	36497218	43087694	20.847	18.085
Target Compounds							
2)	A alpha-BHC	3.801	3.189	172.4E6	159.3E6	54.422	50.095
3)	MA gamma-BHC...	4.129	3.518	162.2E6	150.5E6	55.158	50.393
4)	MA Heptachlor	4.713	3.858	163.1E6	157.7E6	55.192	49.561
5)	MB Aldrin	5.051	4.137	147.3E6	147.3E6	53.834	49.939
6)	B beta-BHC	4.326	3.813	69981658	65241034	51.268	48.883
7)	B delta-BHC	4.569	4.043	148.3E6	133.4E6	51.219	46.252
8)	B Heptachlo...	5.476	4.639	145.5E6	136.2E6	56.230	48.946
9)	A Endosulfan I	5.858	5.008	130.7E6	115.4E6	55.339	44.364
10)	B gamma-Chl...	5.731	4.888	137.5E6	138.1E6	54.438	48.730m
11)	B alpha-Chl...	5.810	4.953	136.0E6	134.7E6	53.861	47.014
12)	B 4,4'-DDE	5.988	5.144	119.6E6	118.8E6	53.718	50.357m
13)	MA Dieldrin	6.132	5.273	131.0E6	134.6E6	54.729	49.750
14)	MA Endrin	6.359	5.548	117.0E6	127.1E6	54.098m	54.771
15)	B Endosulfa...	6.578	5.841	109.4E6	108.6E6	47.740	52.102
16)	A 4,4'-DDD	6.502	5.700	103.8E6	98032881	56.650	52.167
17)	MA 4,4'-DDT	6.816	5.951	110.2E6	106.0E6	53.028	50.451
18)	B Endrin al...	6.708	6.022	89562805	88192390	53.843	48.295
19)	B Endosulfa...	6.942	6.245	111.2E6	112.7E6	53.724	48.458
20)	A Methoxychlor	7.292	6.529	56770239	58674753	51.455m	48.353
21)	B Endrin ke...	7.423	6.748	118.8E6	118.0E6	53.831	46.235m
22)	Mirex	7.894	6.932	93189070	104.7E6	54.186	45.995

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 10:15
Operator : AR\AJ
Sample : 01541-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ASHMSD

Manual Integrations

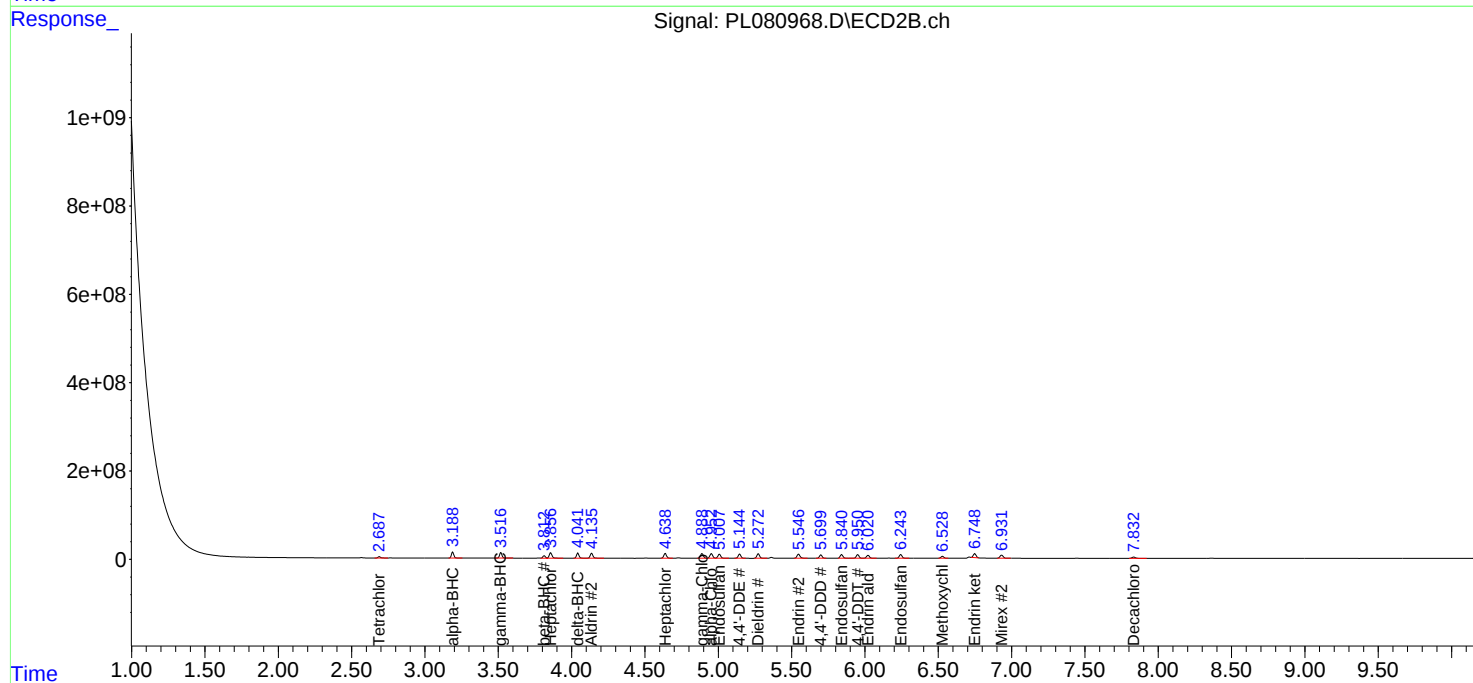
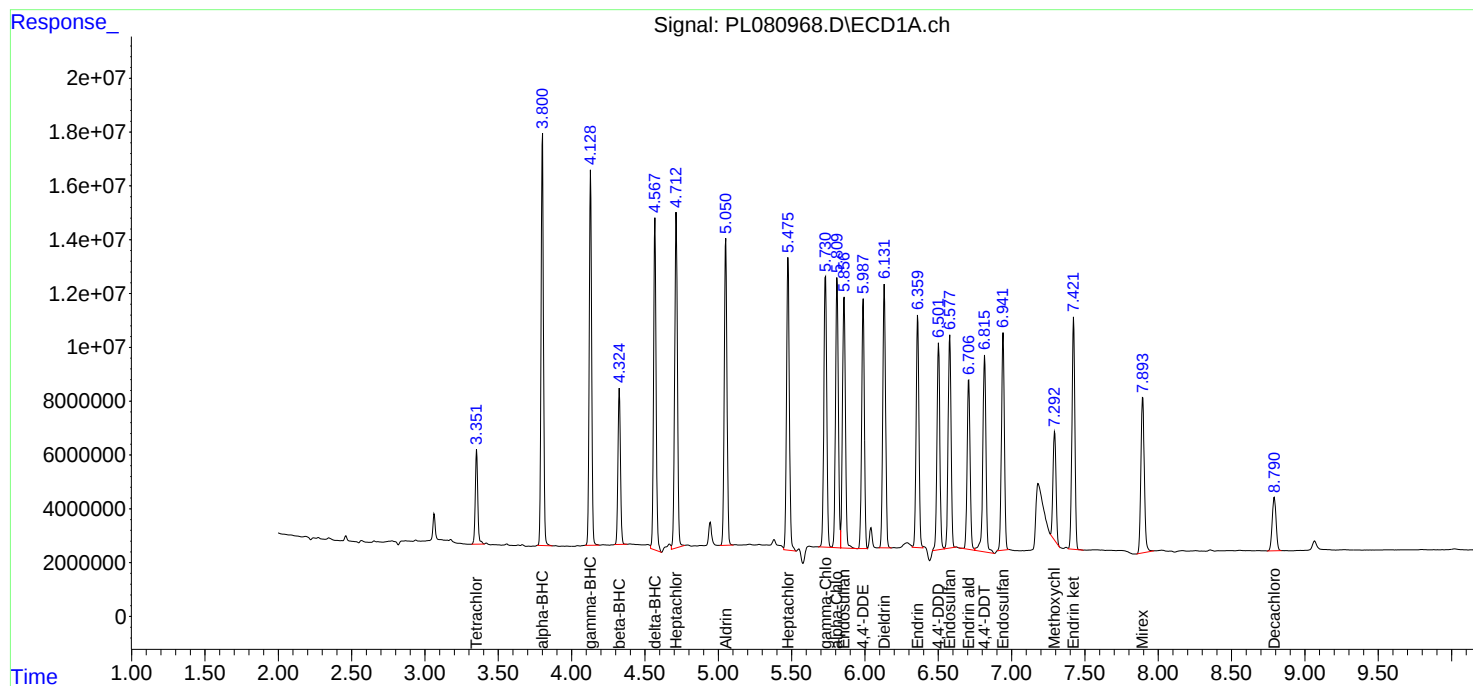
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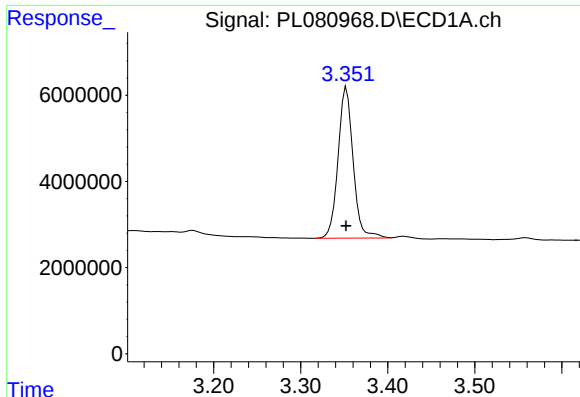
Reviewed By :Abdul Mirza 02/17/2023

Supervised By :Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:29:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
Integrator: ChemStation

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





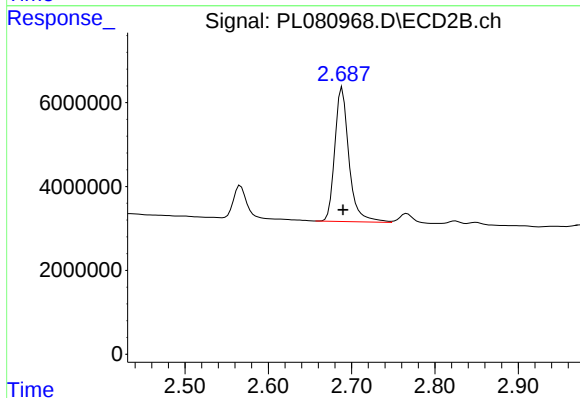
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 42183784
Conc: 19.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

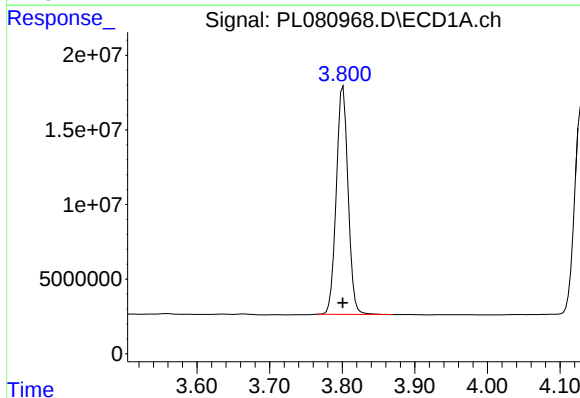
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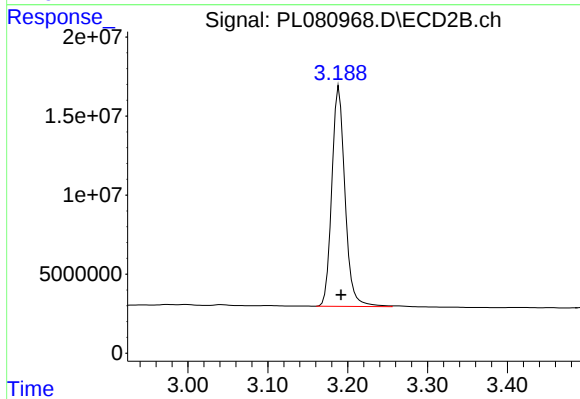
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 37792716
Conc: 17.21 ng/ml



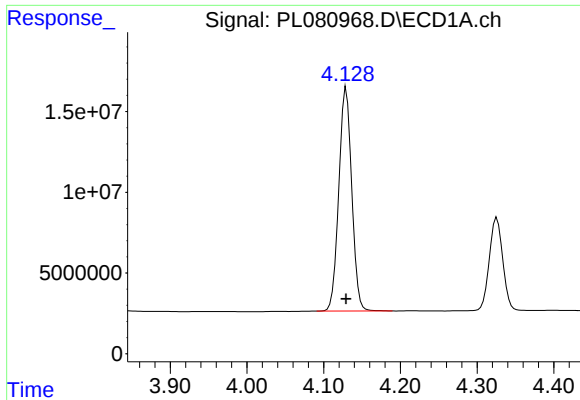
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 172411479
Conc: 54.42 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 159321442
Conc: 50.09 ng/ml



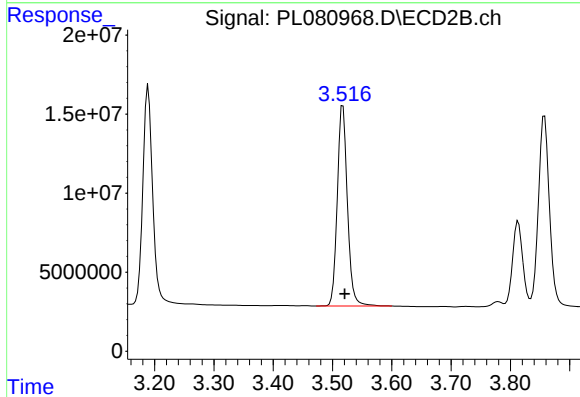
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 162152216
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

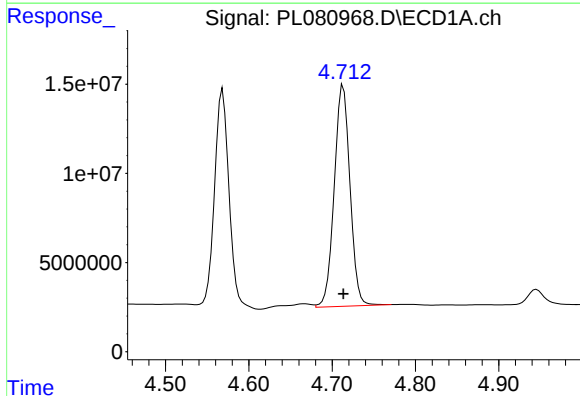
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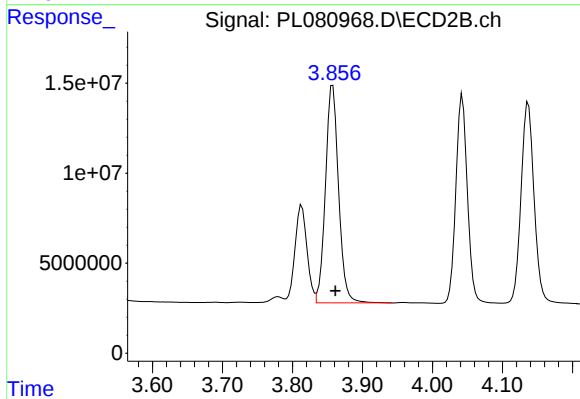
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 150538068
Conc: 50.39 ng/ml



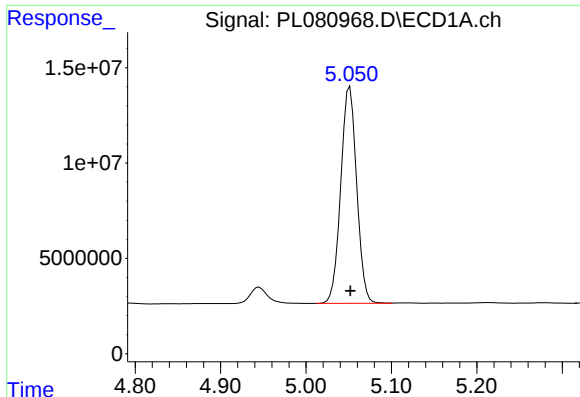
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 163105173
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 157719917
Conc: 49.56 ng/ml



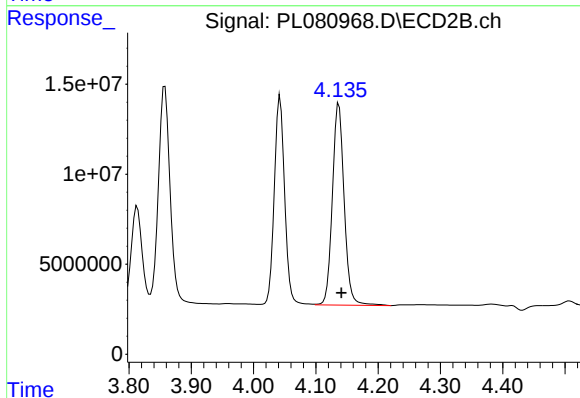
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 147277540
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

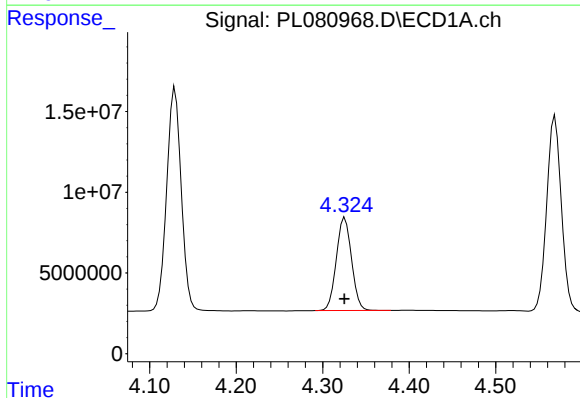
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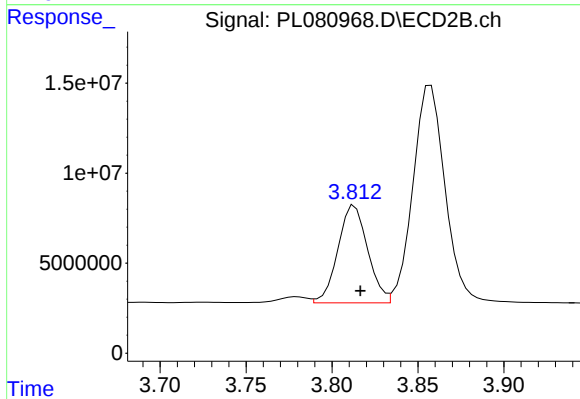
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 147297722
Conc: 49.94 ng/ml



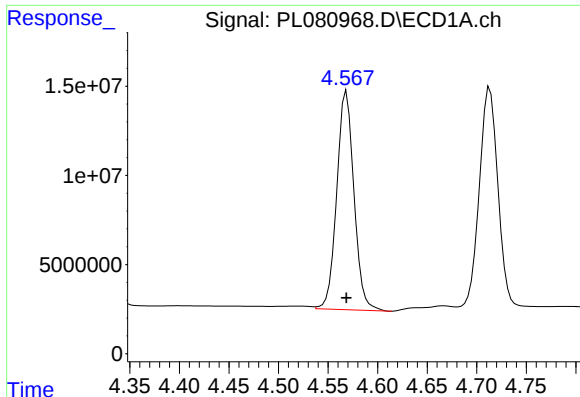
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 69981658
Conc: 51.27 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 65241034
Conc: 48.88 ng/ml



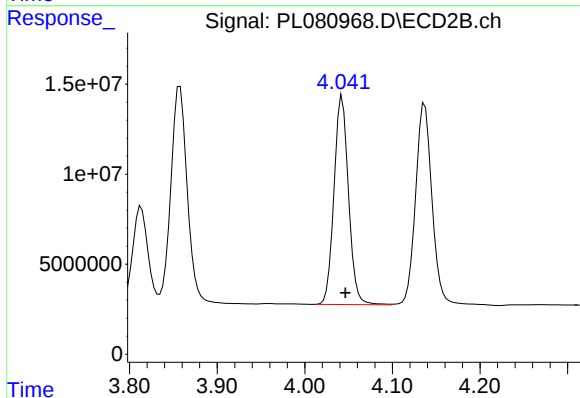
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 148279070
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

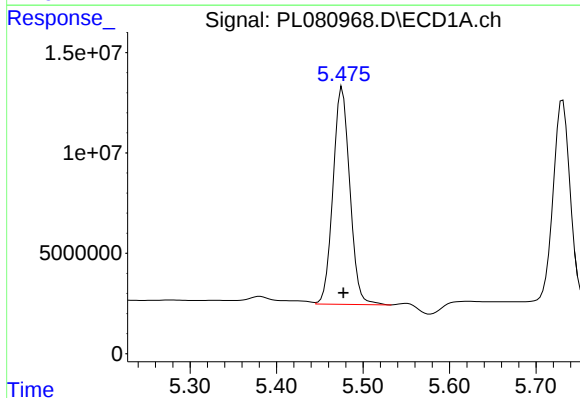
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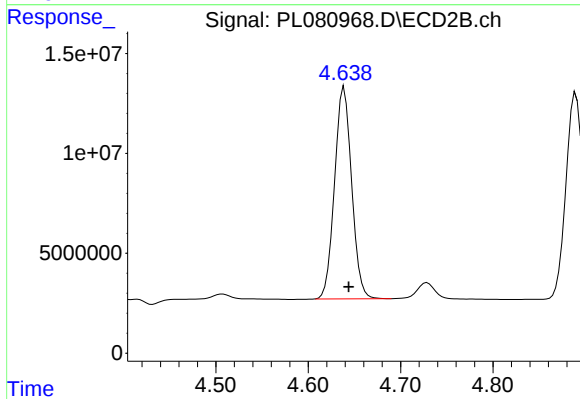
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 133411716
Conc: 46.25 ng/ml



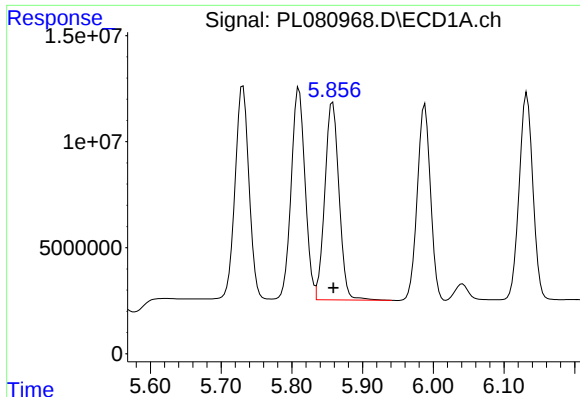
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 145470198
Conc: 56.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 136183653
Conc: 48.95 ng/ml



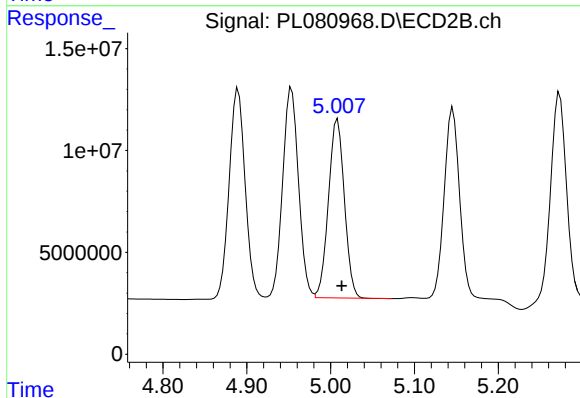
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 130681009
Conc: 55.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

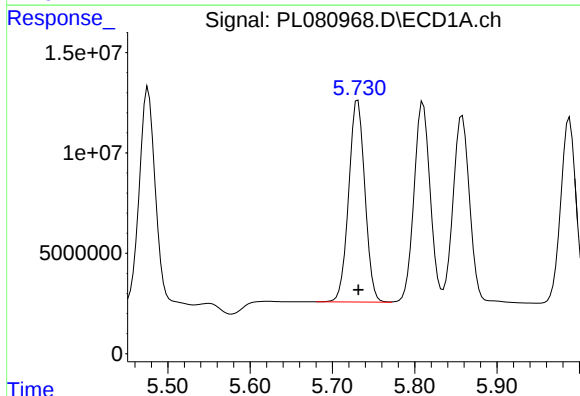
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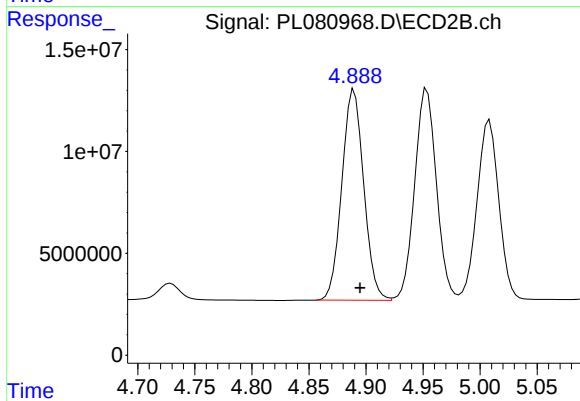
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 115405484
Conc: 44.36 ng/ml



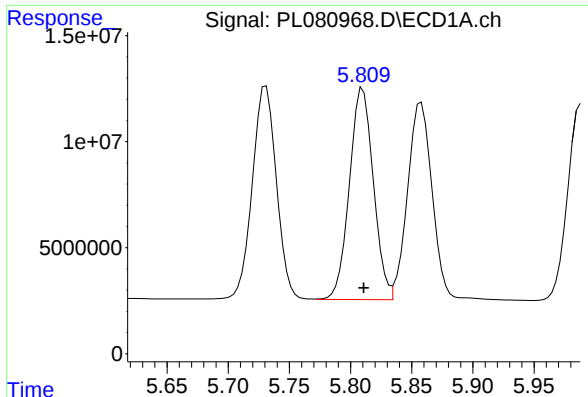
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 137494413
Conc: 54.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 138111472
Conc: 48.73 ng/ml m



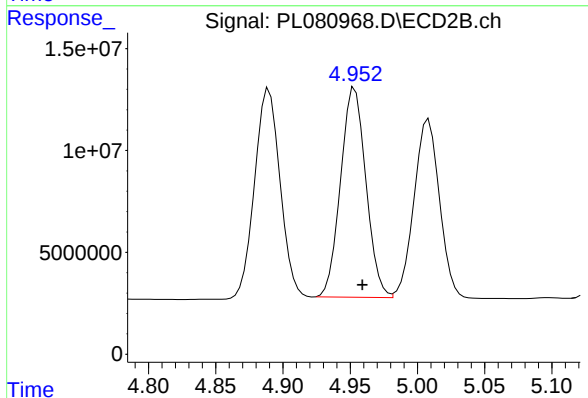
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 135958272
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

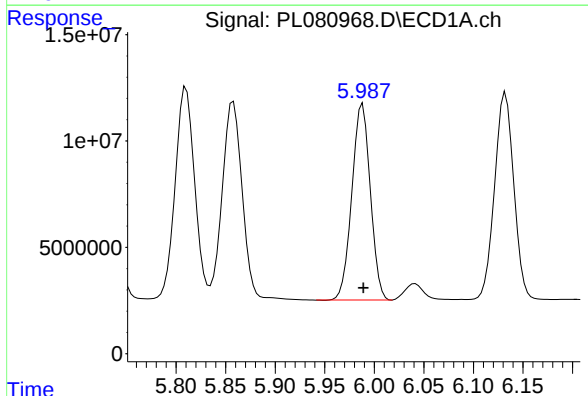
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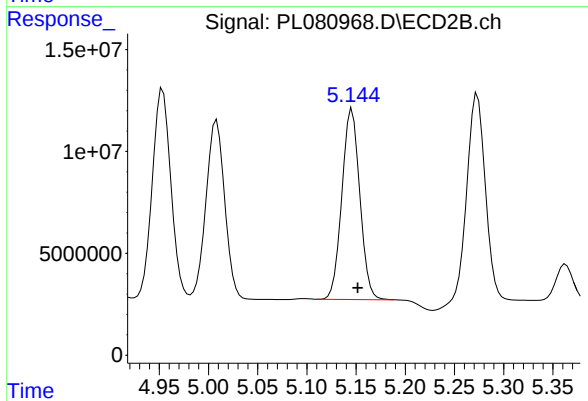
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 134680349
Conc: 47.01 ng/ml



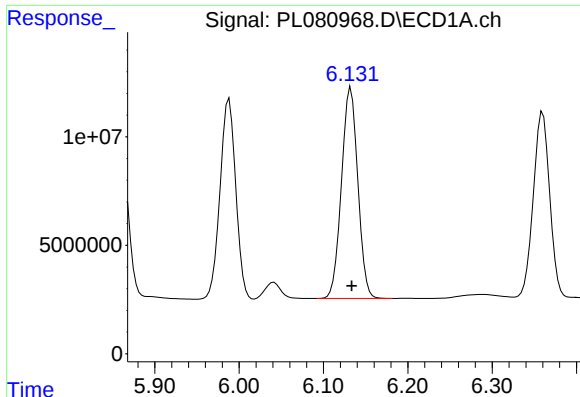
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 119647540
Conc: 53.72 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.007 min
Response: 118782758
Conc: 50.36 ng/ml m



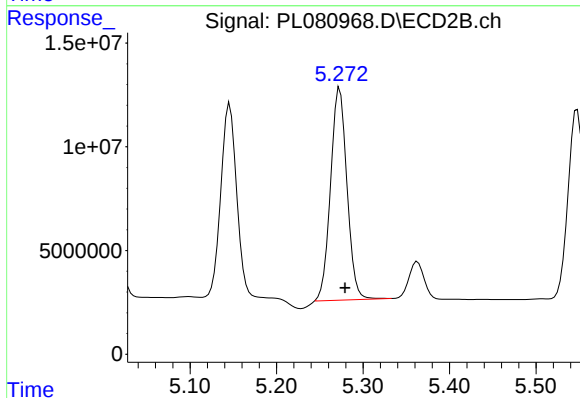
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 130985849
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

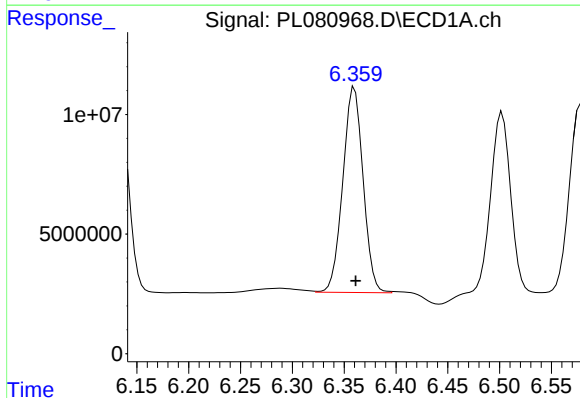
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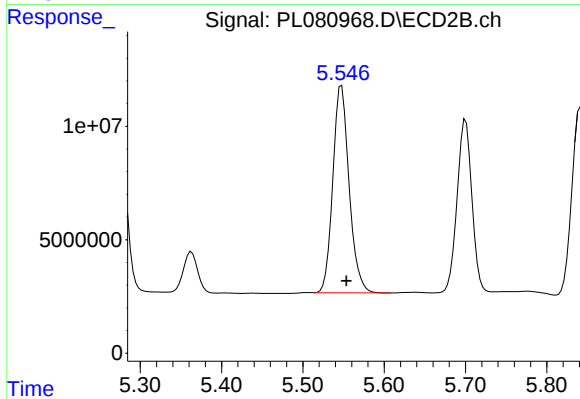
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 134572719
Conc: 49.75 ng/ml



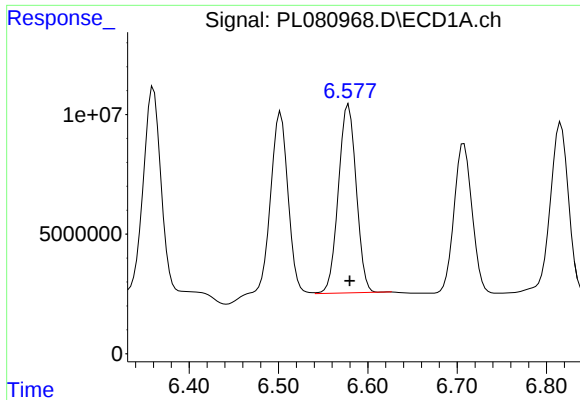
#14 Endrin

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 116997668
Conc: 54.10 ng/ml m



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 127132203
Conc: 54.77 ng/ml



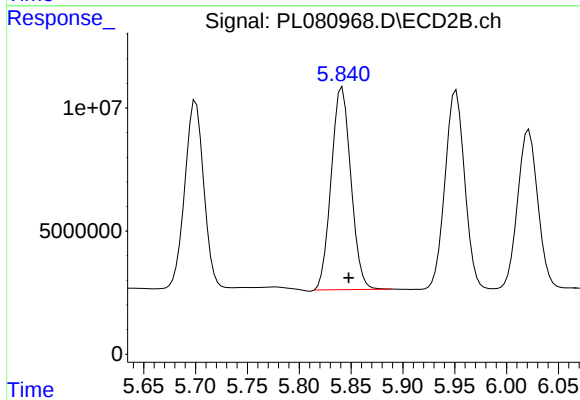
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 109434760
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

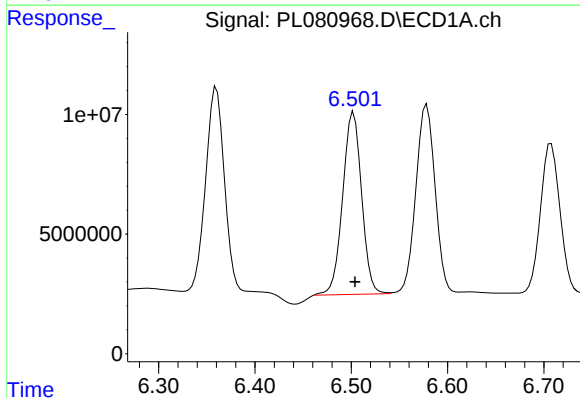
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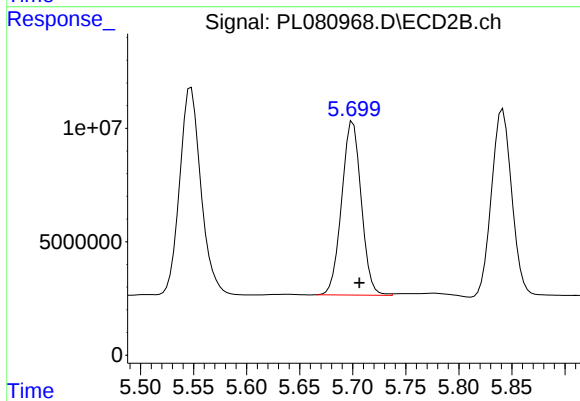
#15 Endosulfan II

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 108565852
Conc: 52.10 ng/ml



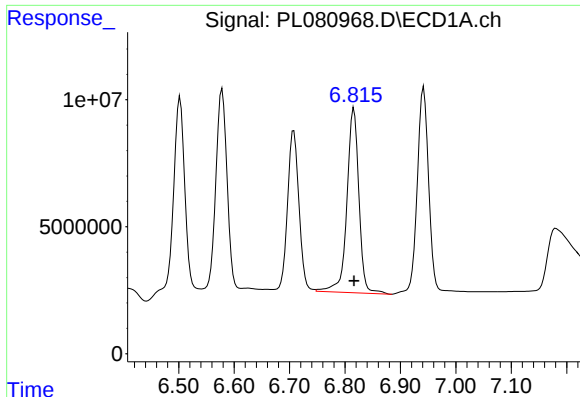
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: -0.001 min
Response: 103782782
Conc: 56.65 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 98032881
Conc: 52.17 ng/ml



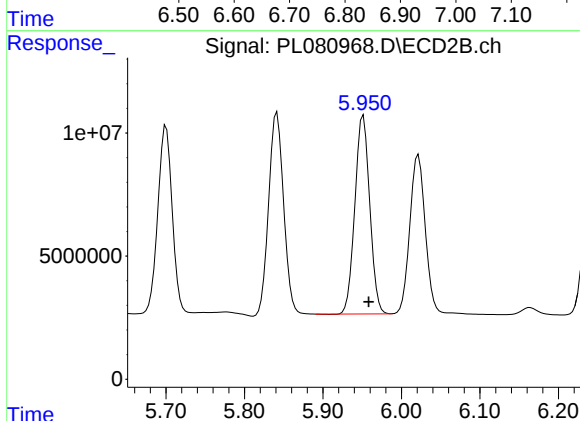
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 110174129
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

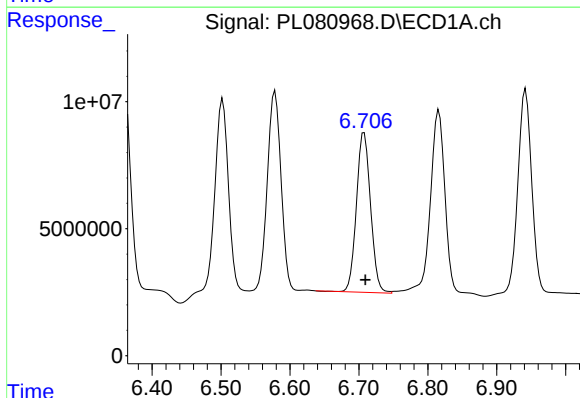
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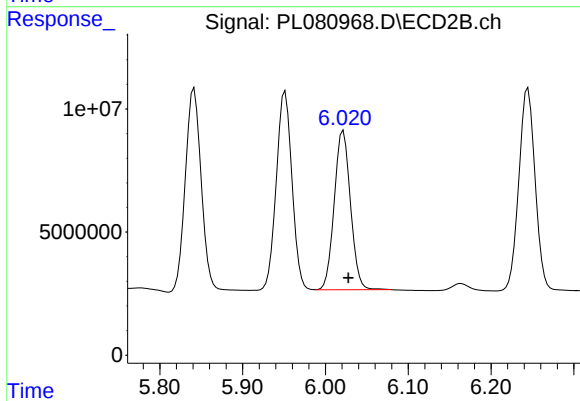
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 106021655
Conc: 50.45 ng/ml



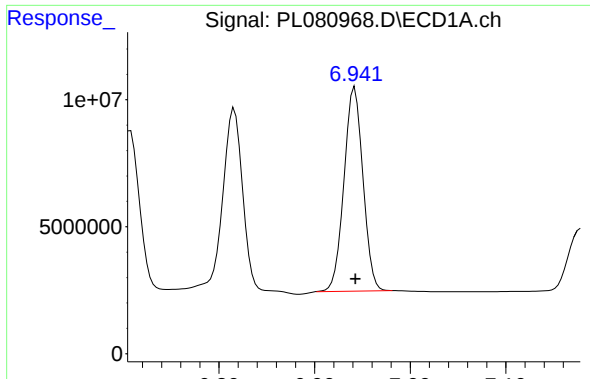
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 89562805
Conc: 53.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 88192390
Conc: 48.30 ng/ml



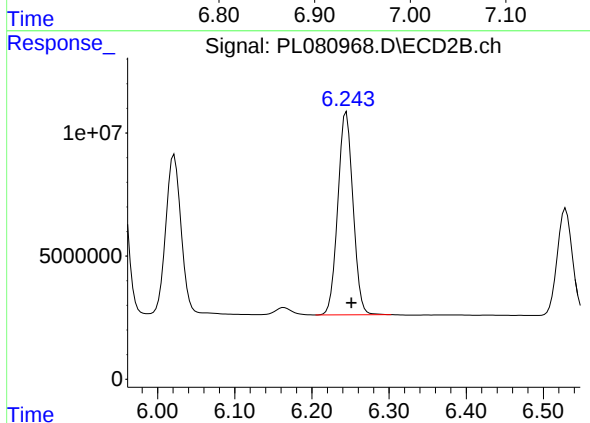
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 111205016
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

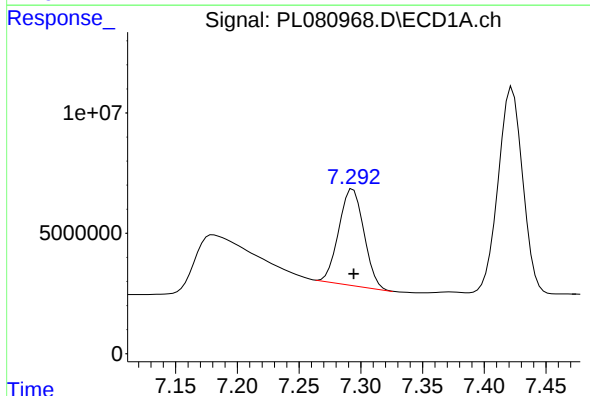
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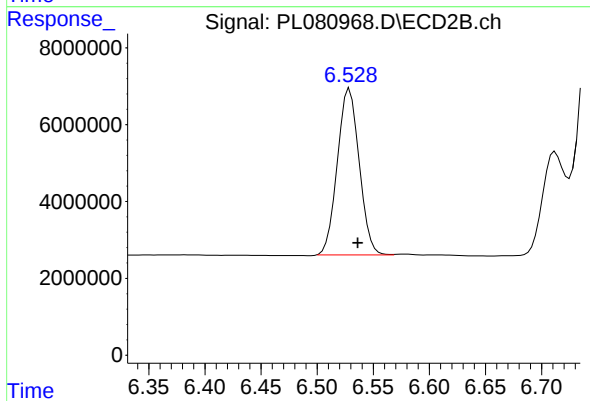
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 112698398
Conc: 48.46 ng/ml



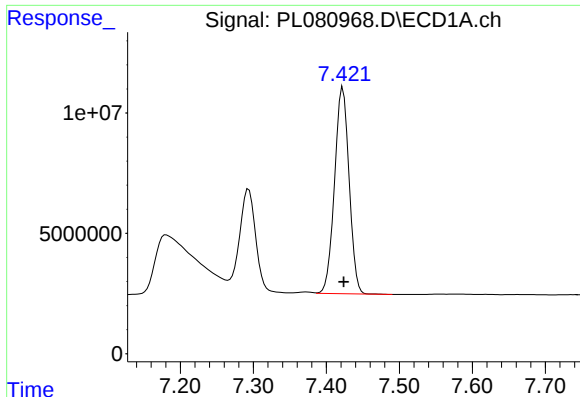
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 56770239
Conc: 51.46 ng/ml m



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 58674753
Conc: 48.35 ng/ml



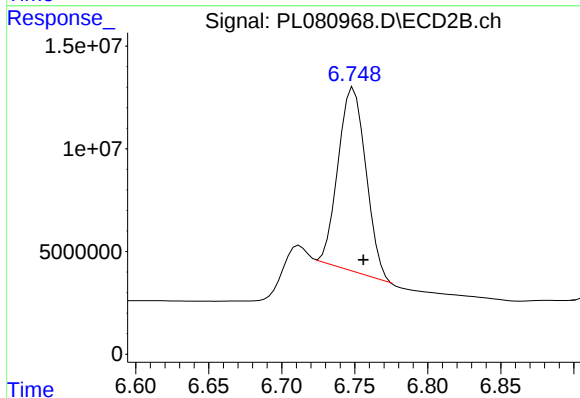
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 118770130
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

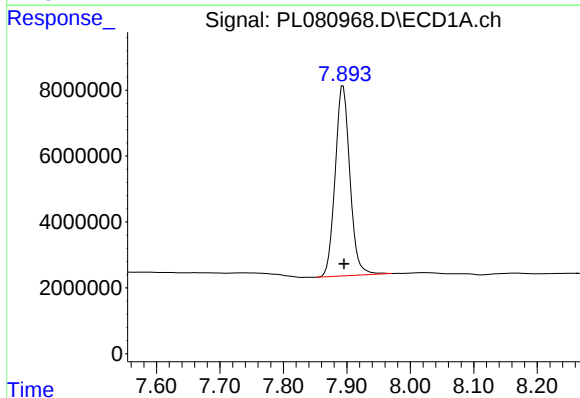
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



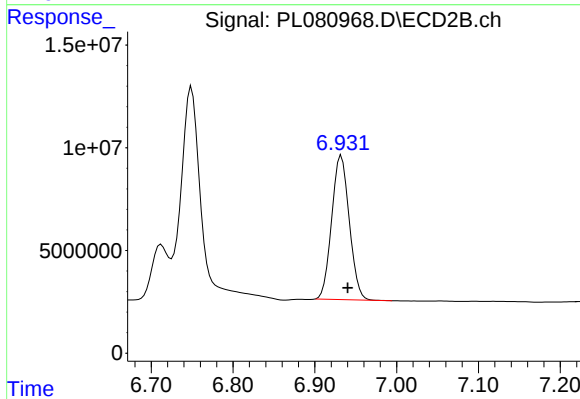
#21 Endrin ketone

R.T.: 6.748 min
Delta R.T.: -0.008 min
Response: 118049006
Conc: 46.24 ng/ml m



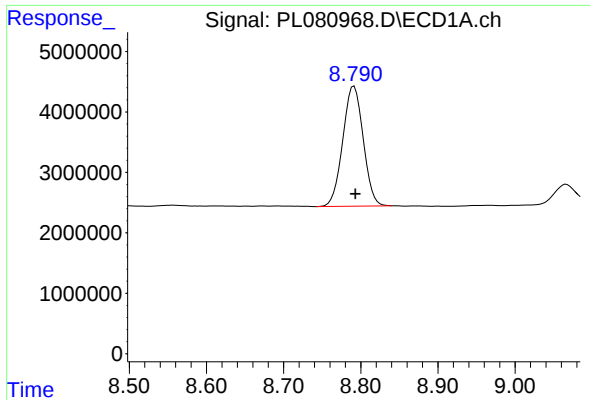
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 93189070
Conc: 54.19 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 104718062
Conc: 46.00 ng/ml



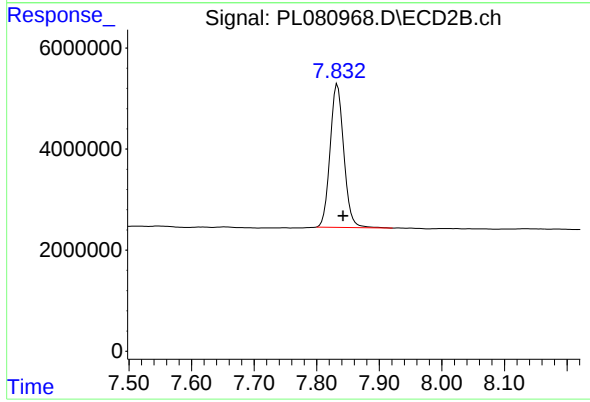
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 36497218
Conc: 20.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
ASHMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 43087694
Conc: 18.08 ng/ml