

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030623\
 Data File : PL081269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2023 15:49
 Operator : AR\AJ
 Sample : 01787-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2023
 Supervised By :Ankita Jodhani 03/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 20:42:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.334	2.665	36388241	30844940	16.842	15.241
28)	SA Decachlor...	8.759	7.789	22566258	28688025	14.802	14.976
Target Compounds							
2)	A alpha-BHC	3.784	3.166	159.4E6	136.4E6	50.116	46.546
3)	MA gamma-BHC...	4.113	3.494	149.4E6	136.2E6	50.503	49.515
4)	MA Heptachlor	4.693	3.828	134.2E6	126.6E6	48.633	45.888
5)	MB Aldrin	5.030	4.106	137.9E6	132.0E6	54.213	50.344
6)	B beta-BHC	4.315	3.793	64157738	57242166	46.610	49.320
7)	B delta-BHC	4.557	4.021	152.0E6	121.5E6	54.678	47.709
8)	B Heptachlo...	5.456	4.608	112.5E6	113.3E6	47.685	46.856
9)	A Endosulfan I	5.835	4.977	139.2E6	112.5E6	65.866	49.712
10)	B gamma-Chl...	5.710	4.856	117.8E6	124.7E6	51.608	50.953m
11)	B alpha-Chl...	5.788	4.921	115.4E6	123.8E6	51.221	50.550
12)	B 4,4'-DDE	5.966	5.112	149.6E6	158.5E6	76.452	80.748
13)	MA Dieldrin	6.111	5.241	109.5E6	114.6E6	52.303	50.819
14)	MA Endrin	6.338	5.516	90641985	98228363	49.872	48.879
15)	B Endosulfa...	6.559	5.812	92947106	94954819	53.311	51.502
16)	A 4,4'-DDD	6.481	5.667	87032367	86666630	56.537	56.493
17)	MA 4,4'-DDT	6.793	5.915	75514039	78563882	47.574	48.971
18)	B Endrin al...	6.688	5.992	73320282	78185630	51.225m	51.606
19)	B Endosulfa...	6.923	6.215	87584209	87142264	48.780	45.338
20)	A Methoxychlor	7.273	6.496	42755073	44128656	49.636	47.548
21)	B Endrin ke...	7.404	6.721	95731535	100.8E6	52.774	46.825
22)	Mirex	7.869	6.893	70805349	84186317	48.526	43.741

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030623\
Data File : PL081269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Mar 2023 15:49
Operator : AR\AJ
Sample : 01787-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

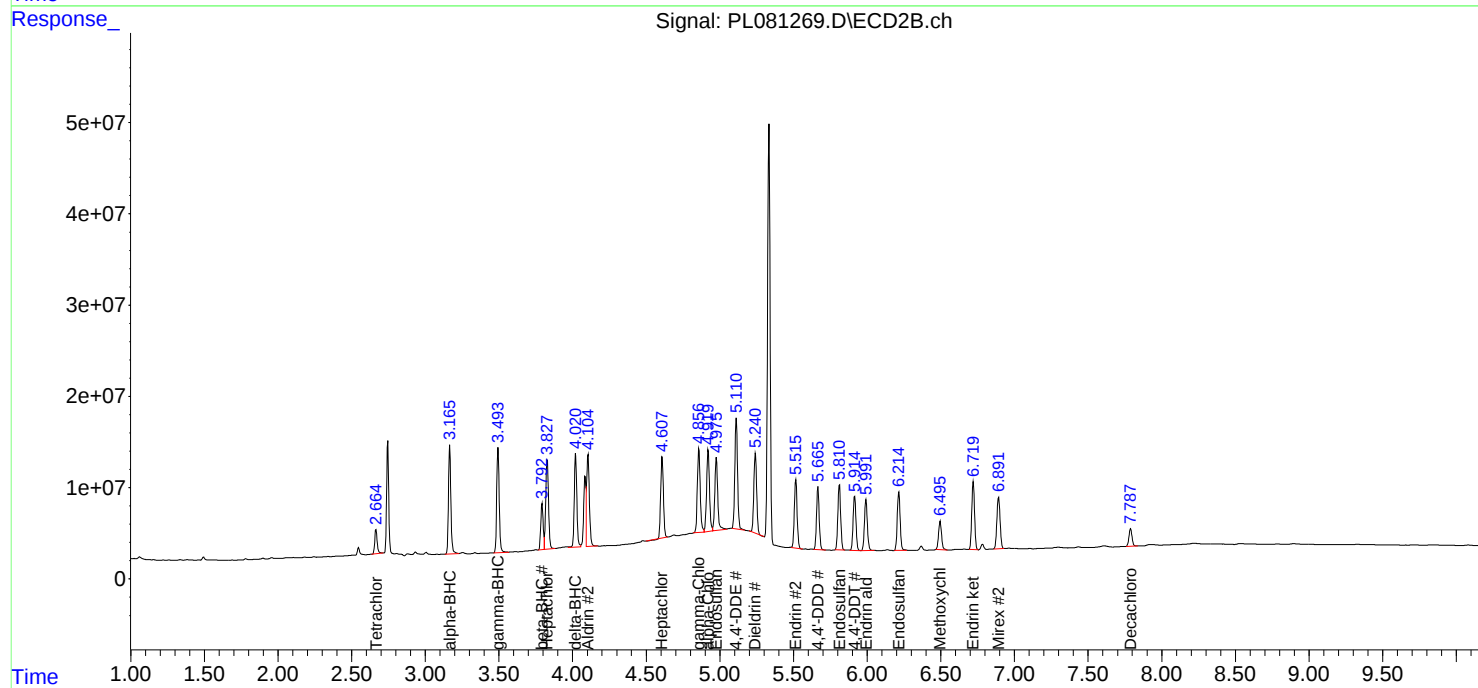
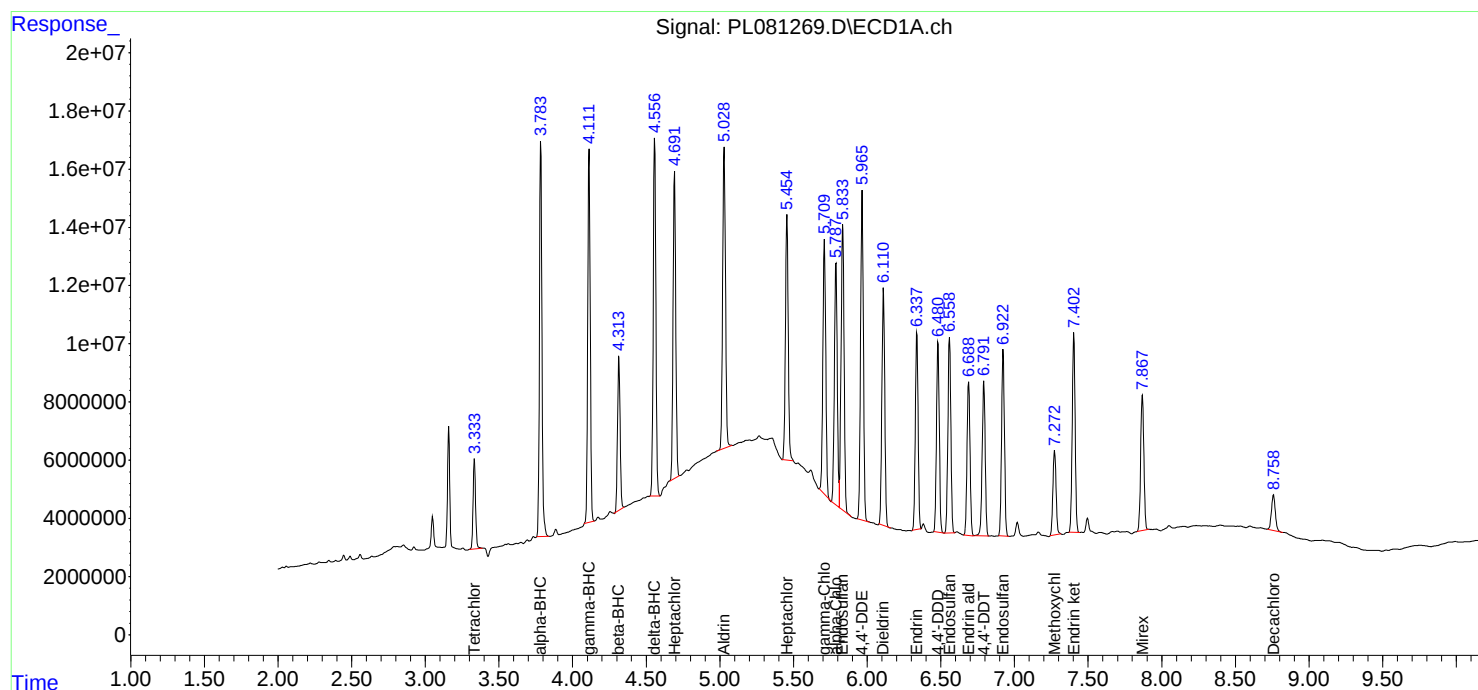
Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

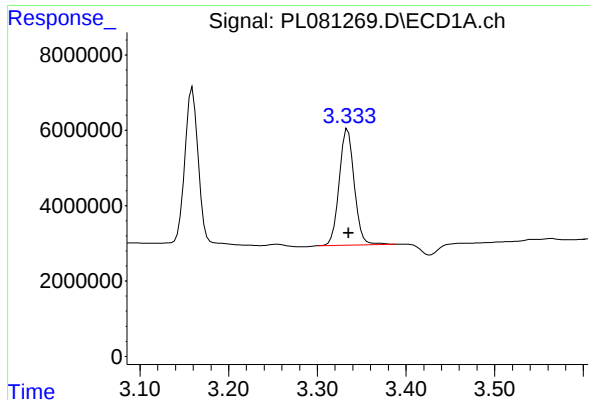
Manual Integrations
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Supervised By : Ankita Jodhani 03/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 06 20:42:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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





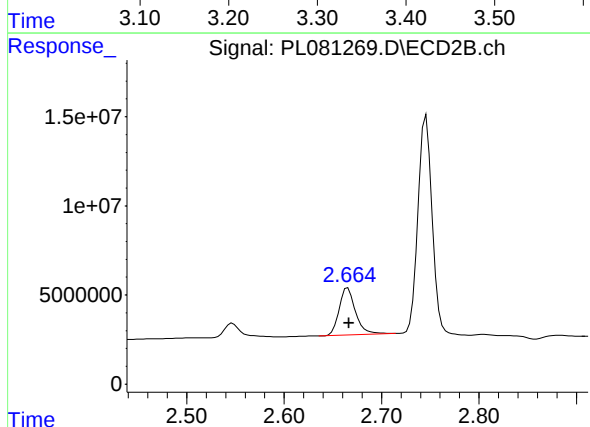
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 36388241
Conc: 16.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

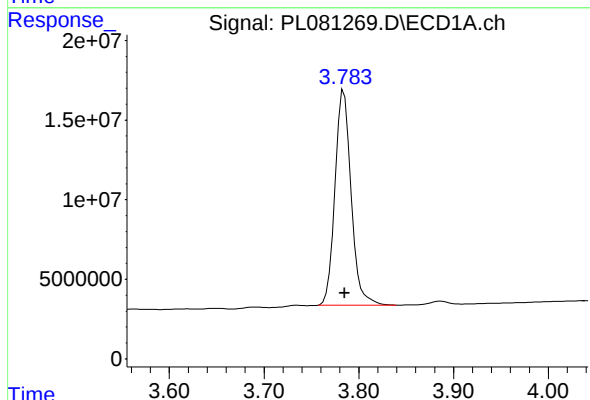
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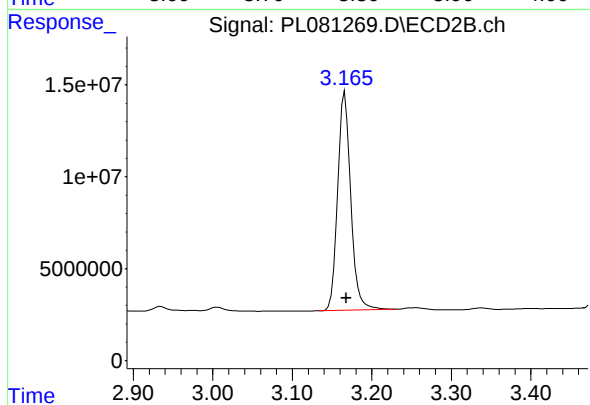
#1 Tetrachloro-m-xylene

R.T.: 2.665 min
Delta R.T.: -0.001 min
Response: 30844940
Conc: 15.24 ng/ml



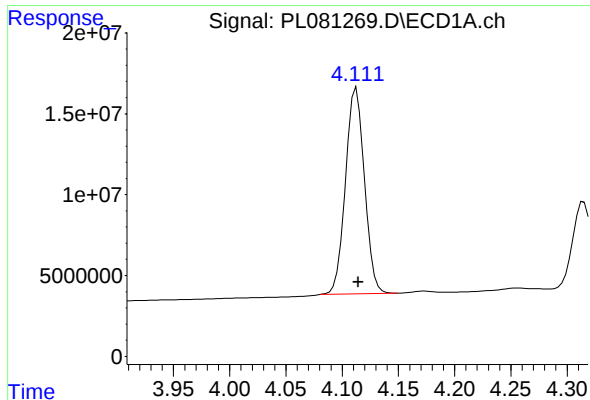
#2 alpha-BHC

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 159433261
Conc: 50.12 ng/ml



#2 alpha-BHC

R.T.: 3.166 min
Delta R.T.: -0.002 min
Response: 136409187
Conc: 46.55 ng/ml



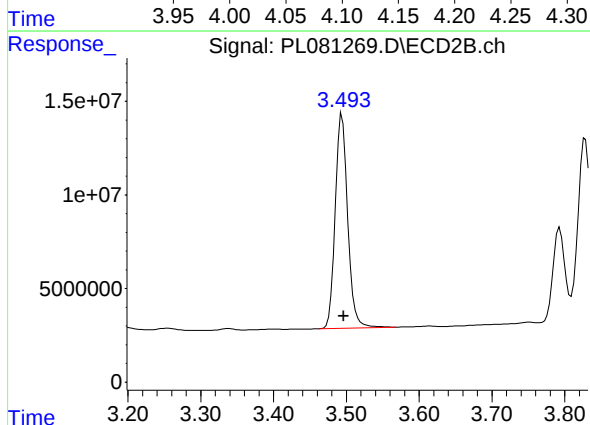
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.002 min
Response: 149418271
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

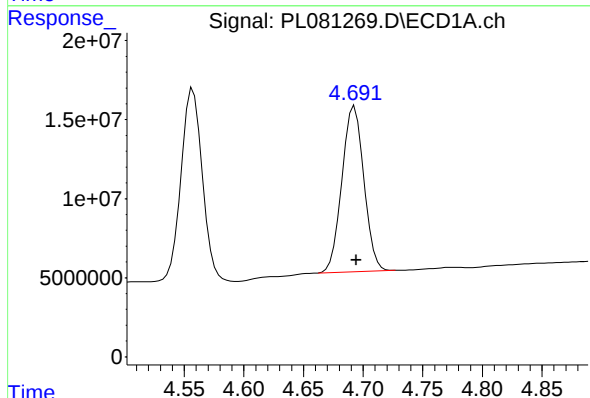
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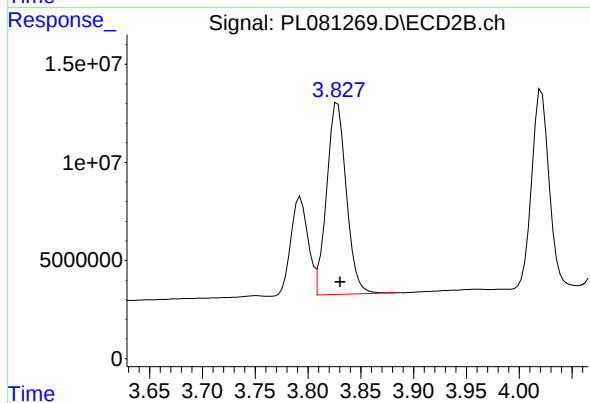
#3 gamma-BHC (Lindane)

R.T.: 3.494 min
Delta R.T.: -0.002 min
Response: 136218829
Conc: 49.52 ng/ml



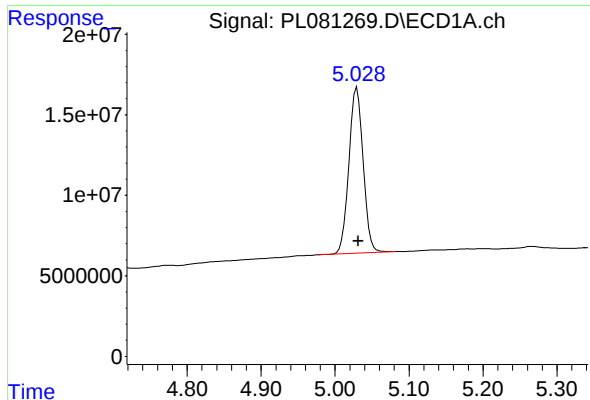
#4 Heptachlor

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 134197319
Conc: 48.63 ng/ml



#4 Heptachlor

R.T.: 3.828 min
Delta R.T.: -0.002 min
Response: 126627955
Conc: 45.89 ng/ml



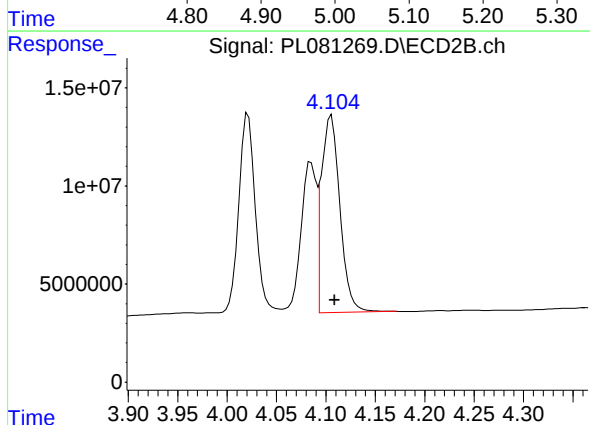
#5 Aldrin

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 137925966
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

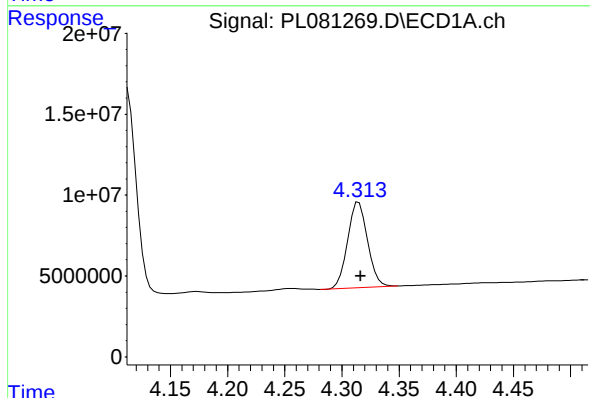
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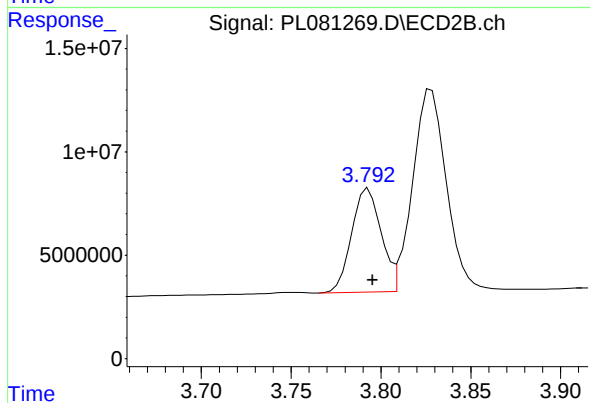
#5 Aldrin

R.T.: 4.106 min
Delta R.T.: -0.003 min
Response: 131988245
Conc: 50.34 ng/ml



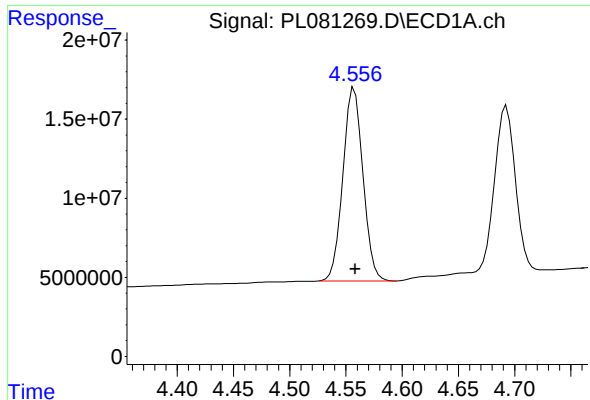
#6 beta-BHC

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 64157738
Conc: 46.61 ng/ml



#6 beta-BHC

R.T.: 3.793 min
Delta R.T.: -0.002 min
Response: 57242166
Conc: 49.32 ng/ml



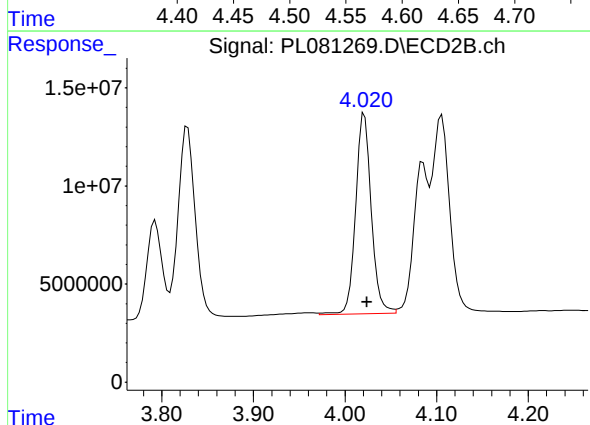
#7 delta-BHC

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 151960671
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

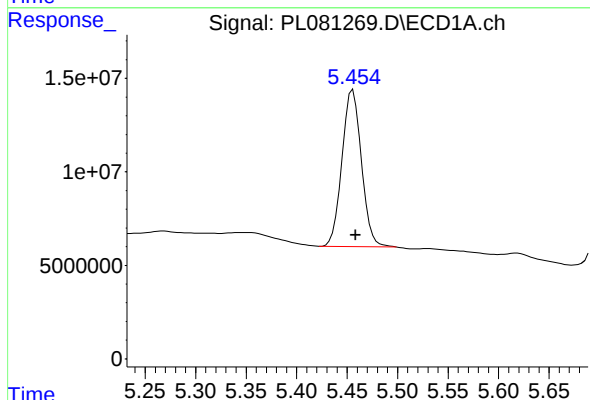
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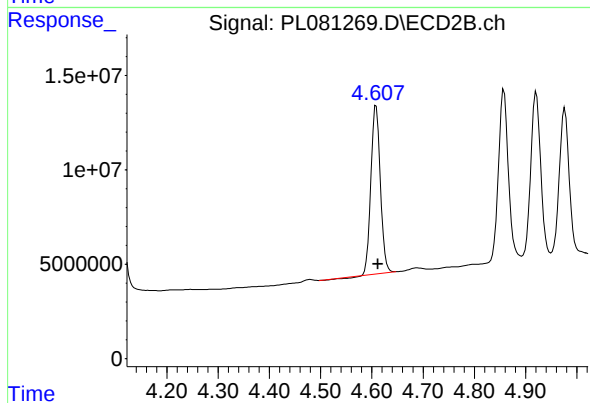
#7 delta-BHC

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 121499223
Conc: 47.71 ng/ml



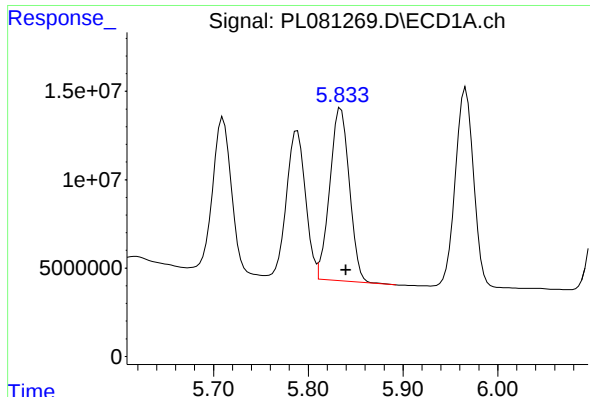
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 112538415
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: -0.004 min
Response: 113303266
Conc: 46.86 ng/ml



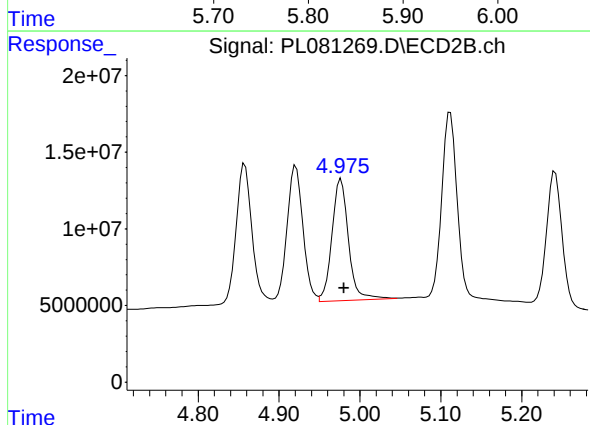
#9 Endosulfan I

R.T.: 5.835 min
Delta R.T.: -0.005 min
Response: 139155578
Conc: 65.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

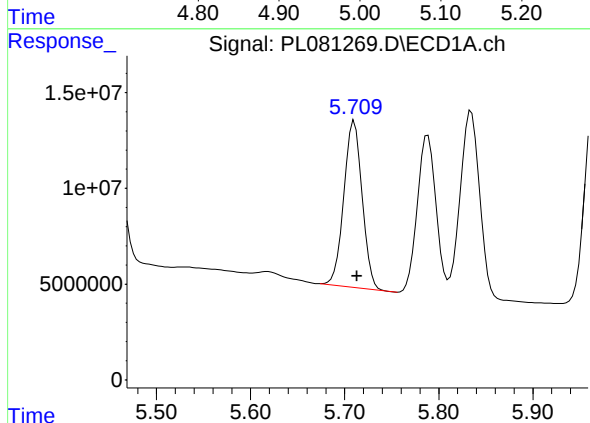
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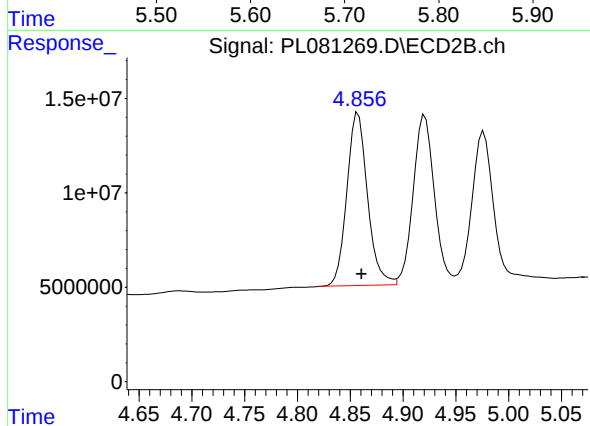
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 112530517
Conc: 49.71 ng/ml



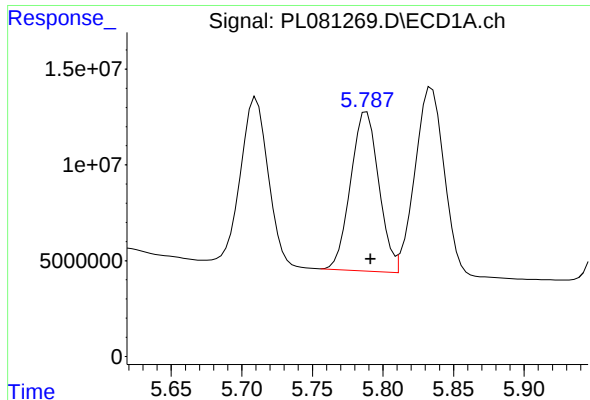
#10 gamma-Chlordane

R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 117764958
Conc: 51.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.856 min
Delta R.T.: -0.005 min
Response: 124721500
Conc: 50.95 ng/ml m



#11 alpha-Chlordane

R.T.: 5.788 min
Delta R.T.: -0.003 min
Response: 115397137
Conc: 51.22 ng/ml

Instrument :

ECD_L

ClientSampleId :

COMP-3MSD

Manual Integrations

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#11 alpha-Chlordane

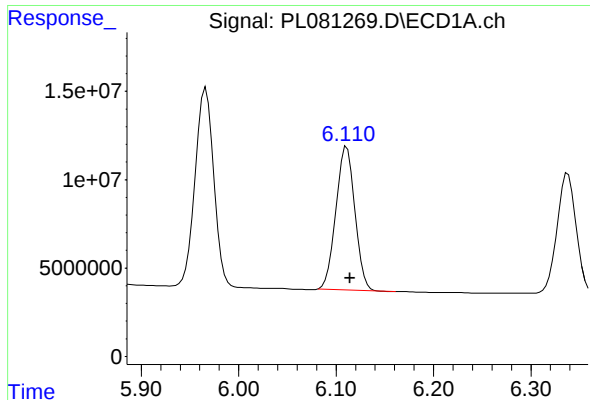
R.T.: 4.921 min
Delta R.T.: -0.004 min
Response: 123775221
Conc: 50.55 ng/ml

#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 149585561
Conc: 76.45 ng/ml

#12 4,4'-DDE

R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 158496472
Conc: 80.75 ng/ml



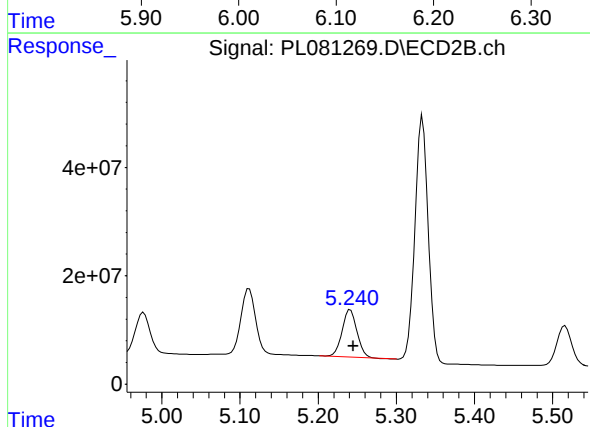
#13 Dieldrin

R.T.: 6.111 min
Delta R.T.: -0.003 min
Response: 109469624
Conc: 52.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

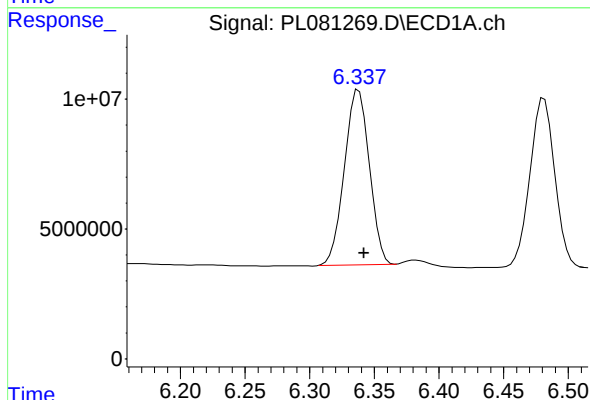
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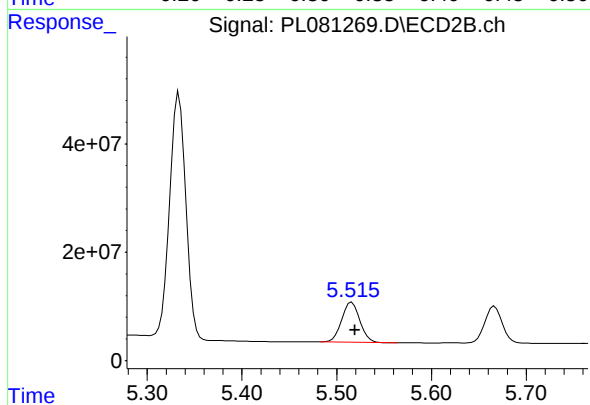
#13 Dieldrin

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 114564137
Conc: 50.82 ng/ml



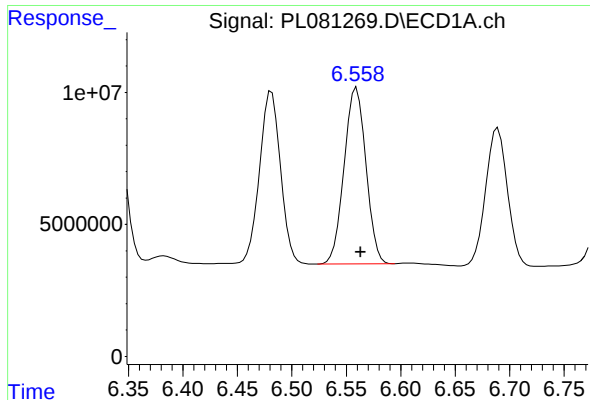
#14 Endrin

R.T.: 6.338 min
Delta R.T.: -0.004 min
Response: 90641985
Conc: 49.87 ng/ml



#14 Endrin

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 98228363
Conc: 48.88 ng/ml



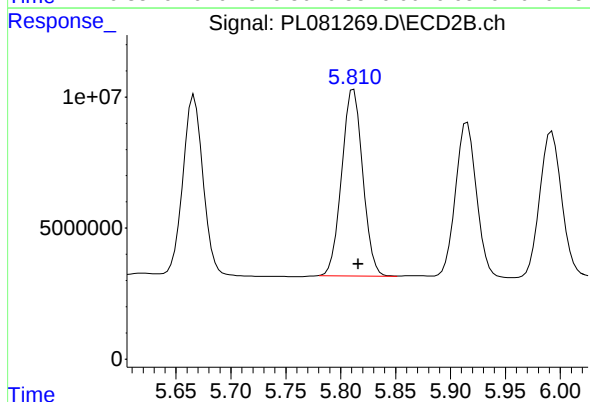
#15 Endosulfan II

R.T.: 6.559 min
Delta R.T.: -0.004 min
Response: 92947106
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

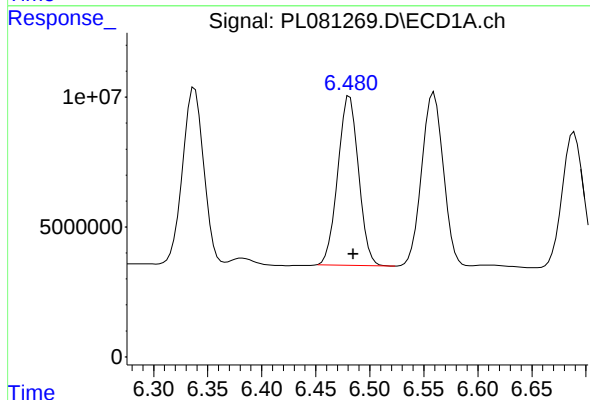
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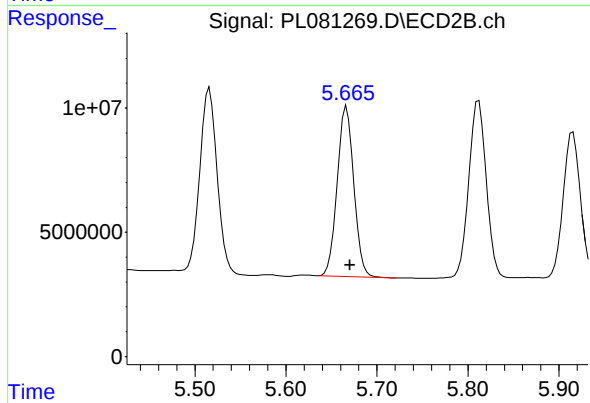
#15 Endosulfan II

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 94954819
Conc: 51.50 ng/ml



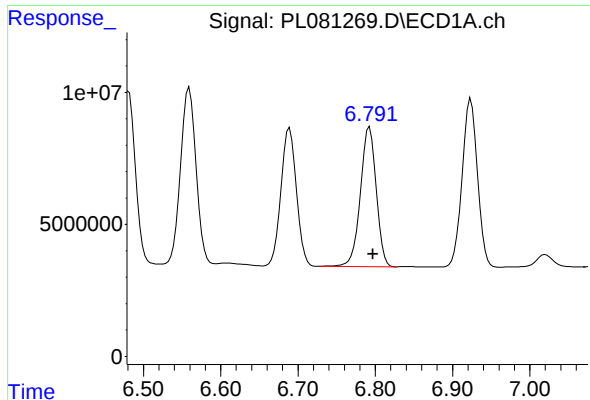
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 87032367
Conc: 56.54 ng/ml



#16 4,4'-DDD

R.T.: 5.667 min
Delta R.T.: -0.004 min
Response: 86666630
Conc: 56.49 ng/ml



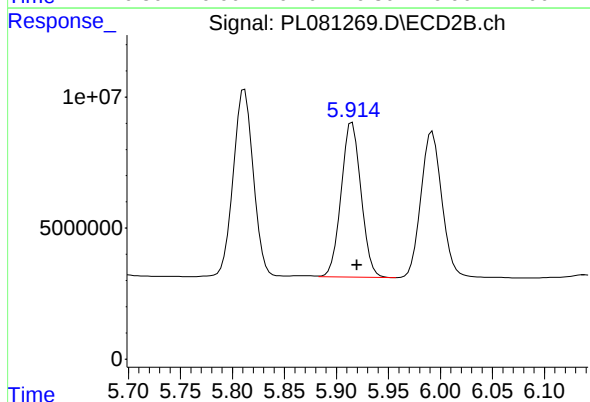
#17 4,4'-DDT

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 75514039
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

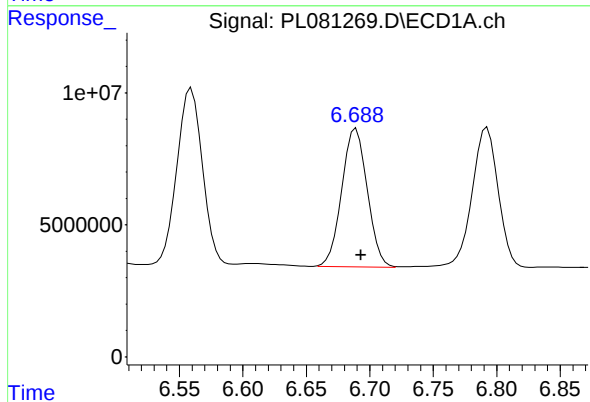
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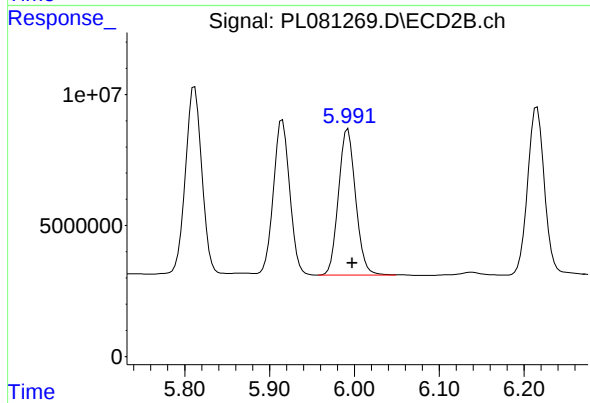
#17 4,4'-DDT

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 78563882
Conc: 48.97 ng/ml



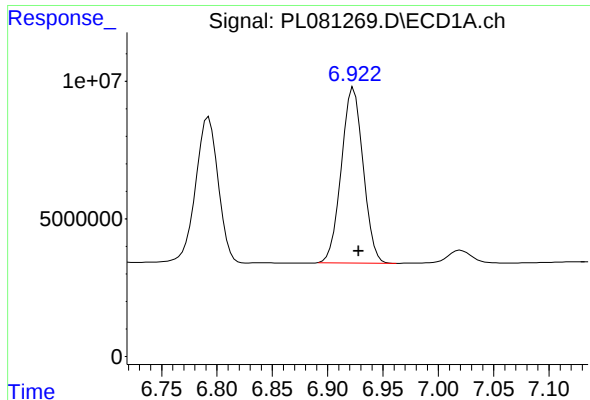
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 73320282
Conc: 51.22 ng/ml m



#18 Endrin aldehyde

R.T.: 5.992 min
Delta R.T.: -0.005 min
Response: 78185630
Conc: 51.61 ng/ml



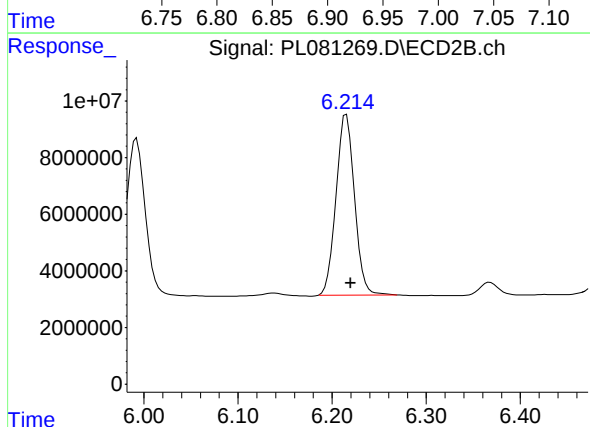
#19 Endosulfan Sulfate

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 87584209
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

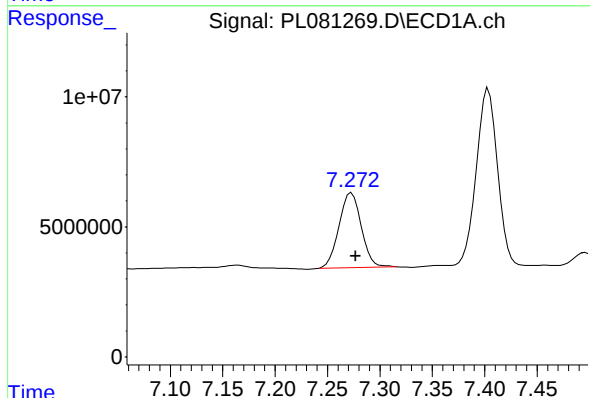
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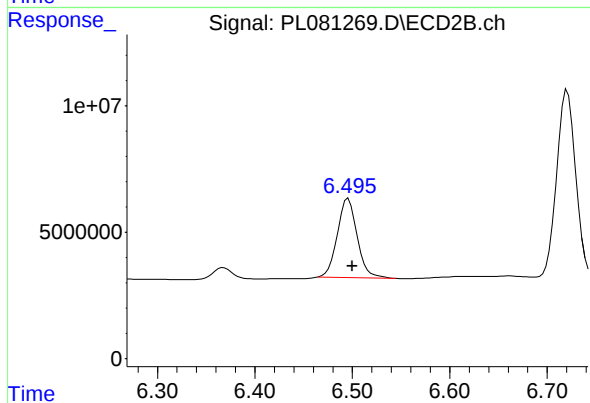
#19 Endosulfan Sulfate

R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 87142264
Conc: 45.34 ng/ml



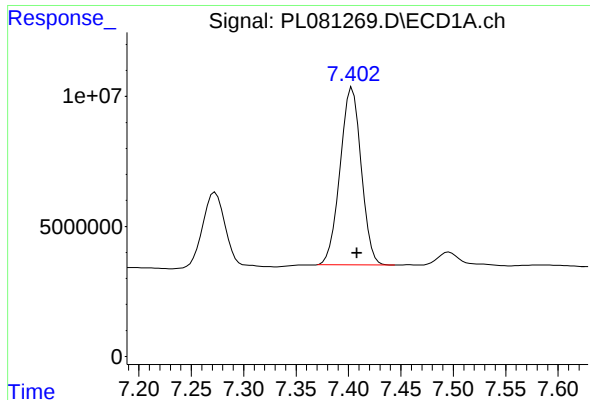
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 42755073
Conc: 49.64 ng/ml



#20 Methoxychlor

R.T.: 6.496 min
Delta R.T.: -0.004 min
Response: 44128656
Conc: 47.55 ng/ml



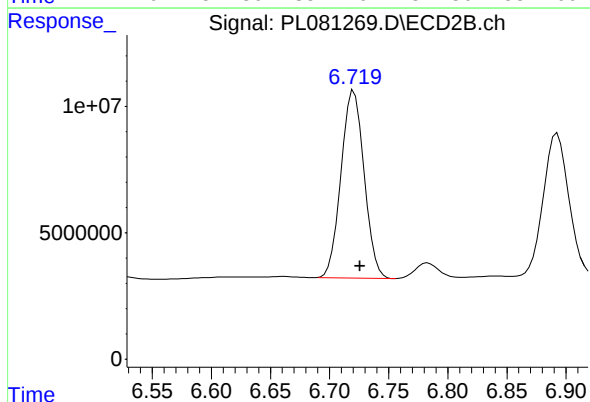
#21 Endrin ketone

R.T.: 7.404 min
Delta R.T.: -0.005 min
Response: 95731535
Conc: 52.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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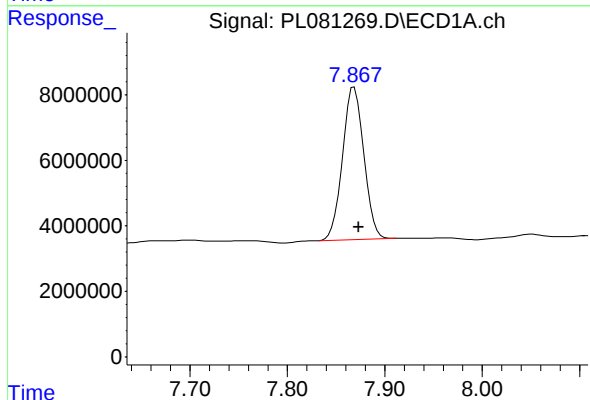
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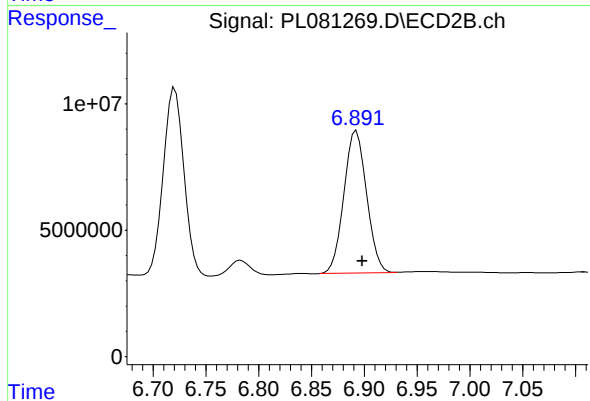
#21 Endrin ketone

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 100818071
Conc: 46.82 ng/ml



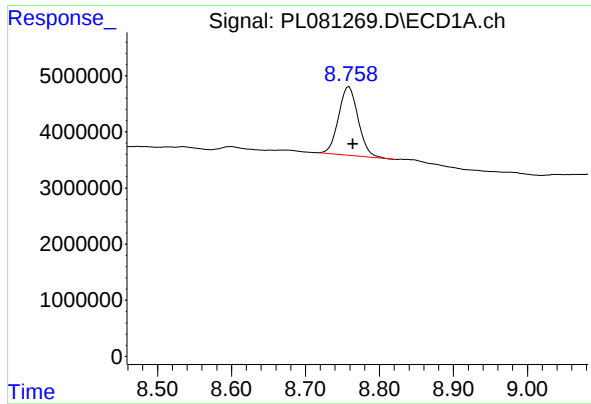
#22 Mirex

R.T.: 7.869 min
Delta R.T.: -0.005 min
Response: 70805349
Conc: 48.53 ng/ml



#22 Mirex

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 84186317
Conc: 43.74 ng/ml



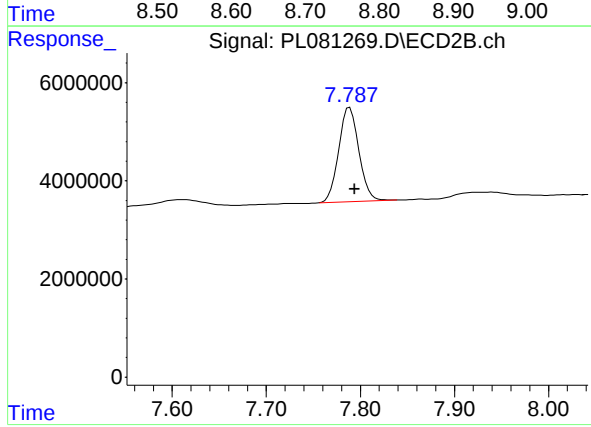
#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 22566258
Conc: 14.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/07/2023
Supervised By :Ankita Jodhani 03/07/2023



#28 Decachlorobiphenyl

R.T.: 7.789 min
Delta R.T.: -0.005 min
Response: 28688025
Conc: 14.98 ng/ml