

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
 Data File : PD081347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Feb 2024 17:43
 Operator : AR\AJ
 Sample : PB158972BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB158972BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/14/2024
 Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 14 01:36:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.794	32033031	55389601	22.565	23.155
28)	SA Decachlor...	9.116	7.934	44031491	59044919	21.879	22.167
Target Compounds							
2)	A alpha-BHC	4.022	3.296	113.0E6	181.4E6	45.481	47.285
3)	MA gamma-BHC...	4.356	3.625	110.2E6	172.6E6	45.018	46.157
4)	MA Heptachlor	4.949	3.966	115.6E6	166.7E6	46.874	48.359
5)	MB Aldrin	5.292	4.245	111.6E6	162.7E6	45.456	44.683m
6)	B beta-BHC	4.550	3.920	46718915	71616977	46.172	45.832
7)	B delta-BHC	4.799	4.151	112.6E6	169.6E6	44.889	45.196
8)	B Heptachlo...	5.719	4.748	102.6E6	152.1E6	45.836	45.402
9)	A Endosulfan I	6.106	5.118	97781434	141.9E6	47.145	46.345
10)	B gamma-Chl...	5.975	4.999	103.8E6	154.2E6	47.430	47.155
11)	B alpha-Chl...	6.055	5.063	102.8E6	151.8E6	47.208	46.423
12)	B 4,4'-DDE	6.226	5.251	97917957	144.8E6	48.120	47.266
13)	MA Dieldrin	6.382	5.383	104.0E6	158.1E6	47.060	46.502
14)	MA Endrin	6.611	5.659	85478064	138.6E6	45.765m	46.765
15)	B Endosulfa...	6.831	5.951	88075669	137.0E6	45.484	47.641
16)	A 4,4'-DDD	6.744	5.805	77722247	124.7E6	47.302	47.508
17)	MA 4,4'-DDT	7.059	6.056	83774609	125.1E6	47.041	47.136
18)	B Endrin al...	6.961	6.130	68929520	106.0E6	45.314	47.012
19)	B Endosulfa...	7.195	6.353	87570533	132.0E6	46.120	47.325
20)	A Methoxychlor	7.534	6.631	46732670	68837650	45.403	43.978
21)	B Endrin ke...	7.682	6.859	100.7E6	153.7E6	48.166	47.614
22)	Mirex	8.160	7.043	75004252	114.1E6	45.474	45.266

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021424\
Data File : PD081347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Feb 2024 17:43
Operator : AR\AJ
Sample : PB158972BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB158972BS

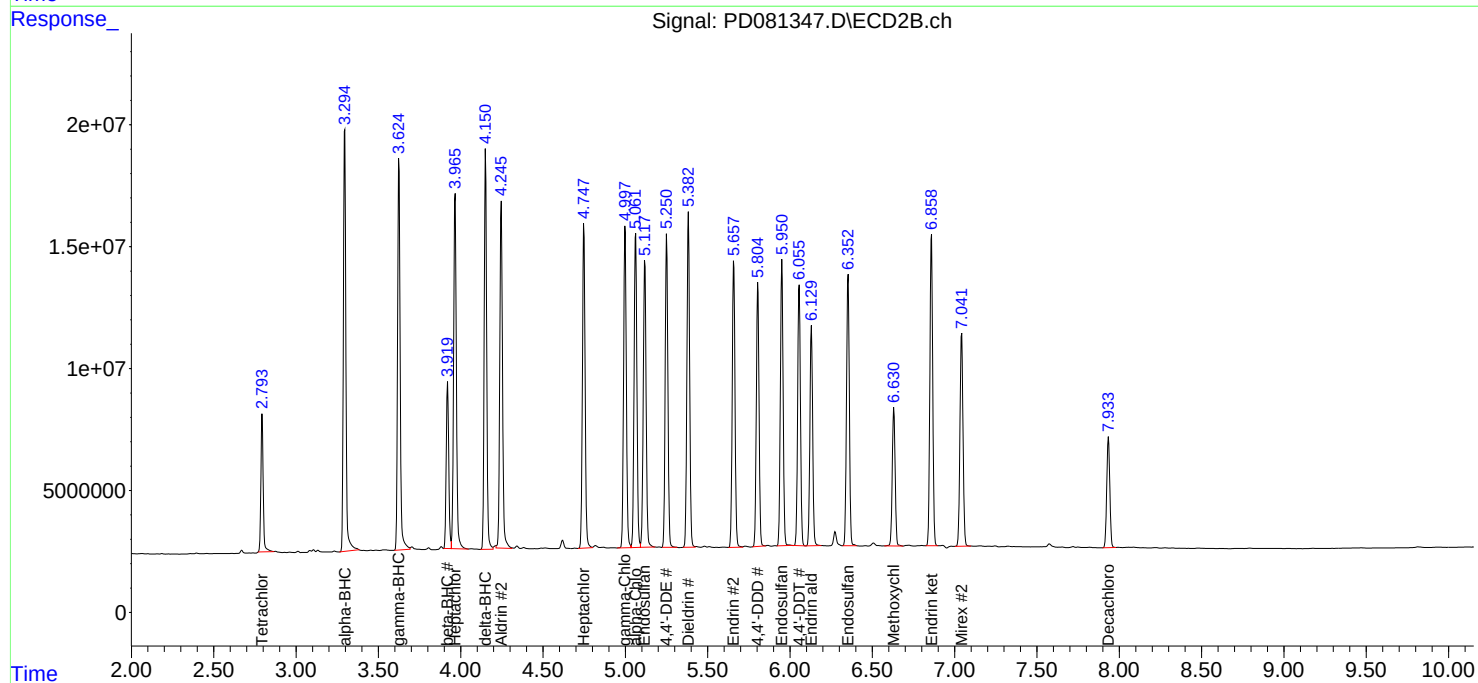
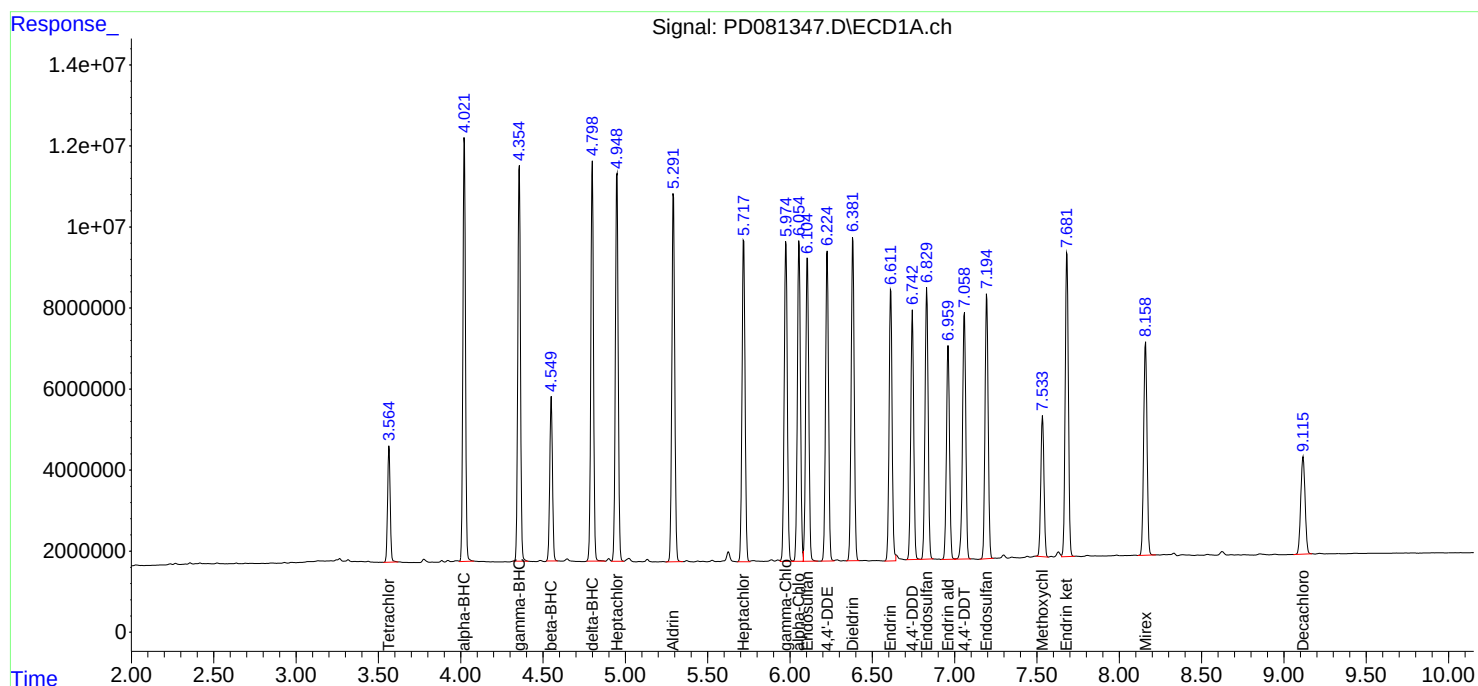
Manual Integrations

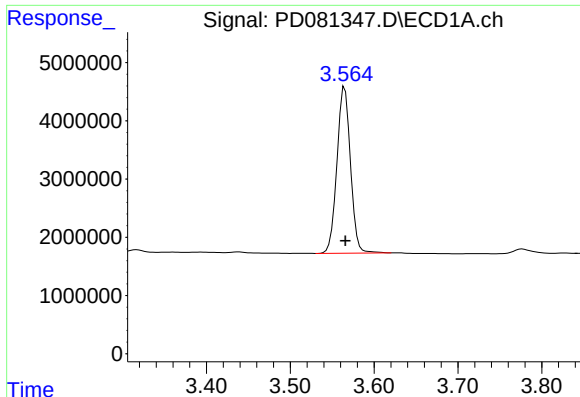
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Supervised By :Ankita Jodhani 02/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 14 01:36:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





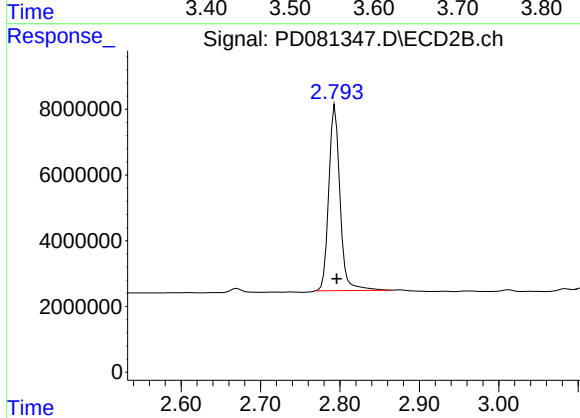
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32033031
Conc: 22.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

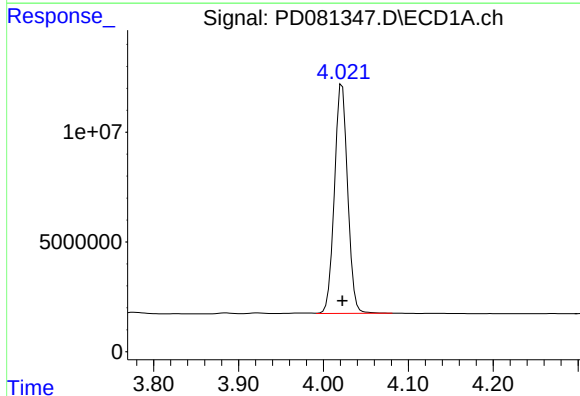
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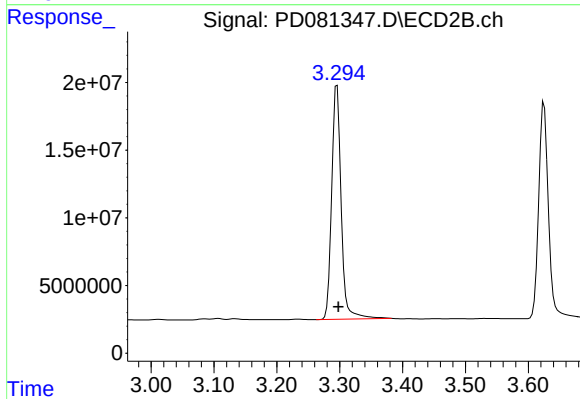
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 55389601
Conc: 23.15 ng/ml



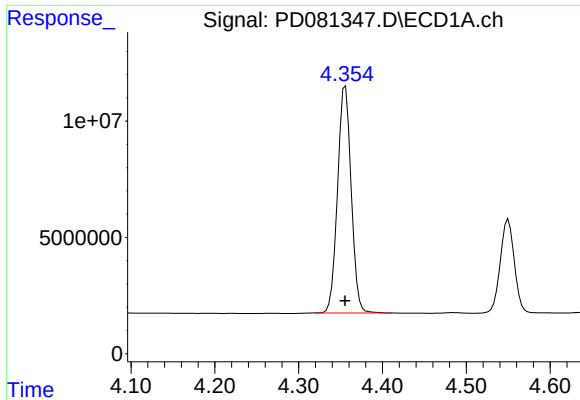
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 112968593
Conc: 45.48 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 181434969
Conc: 47.28 ng/ml



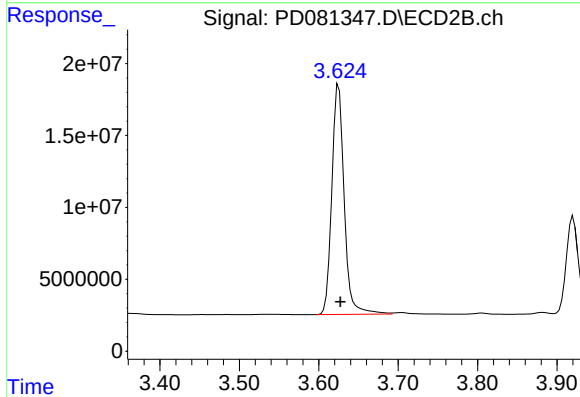
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 110186033
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

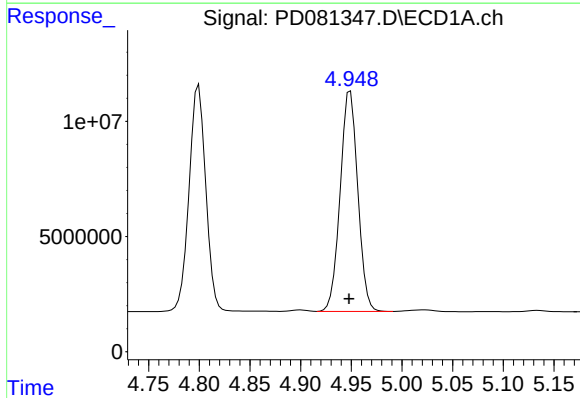
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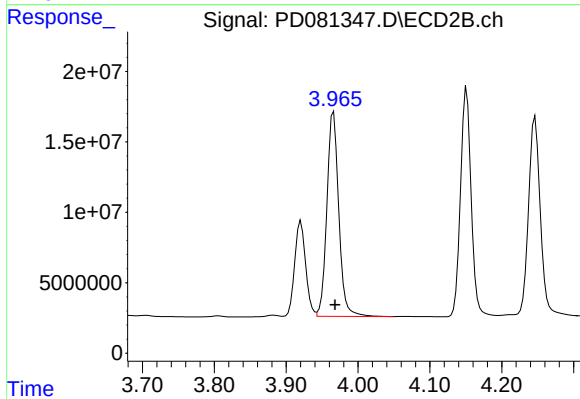
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 172579229
Conc: 46.16 ng/ml



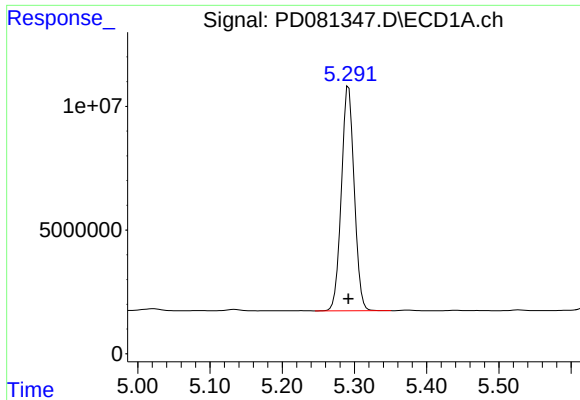
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.001 min
Response: 115608752
Conc: 46.87 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 166744328
Conc: 48.36 ng/ml



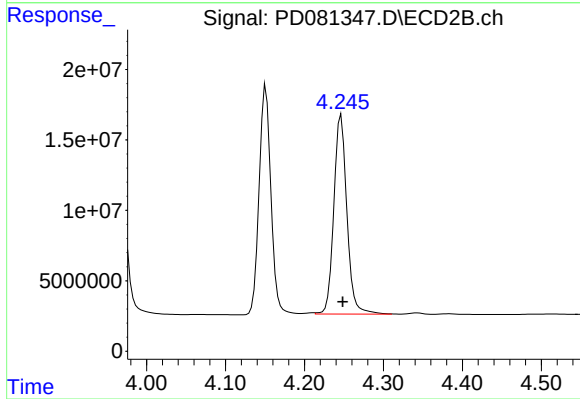
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 111577264
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

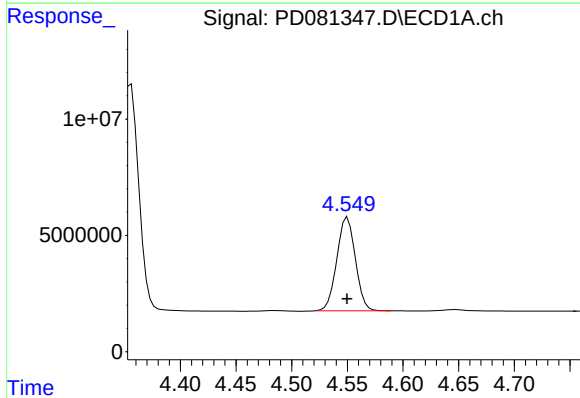
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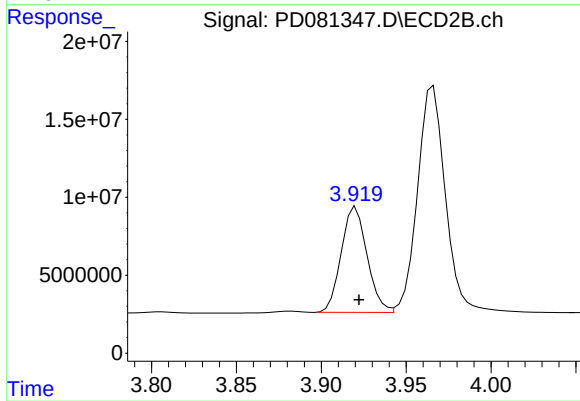
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: -0.003 min
Response: 162734710
Conc: 44.68 ng/ml m



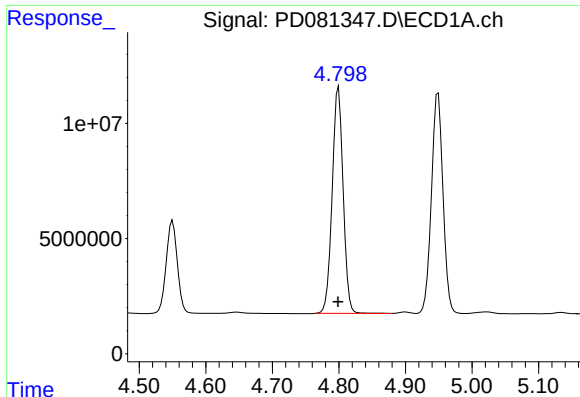
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 46718915
Conc: 46.17 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 71616977
Conc: 45.83 ng/ml



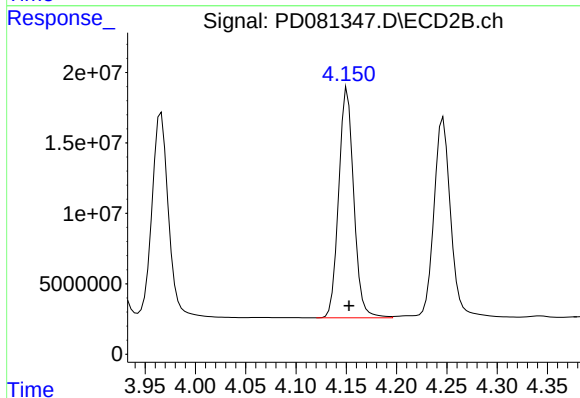
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 112616403
Conc: 44.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

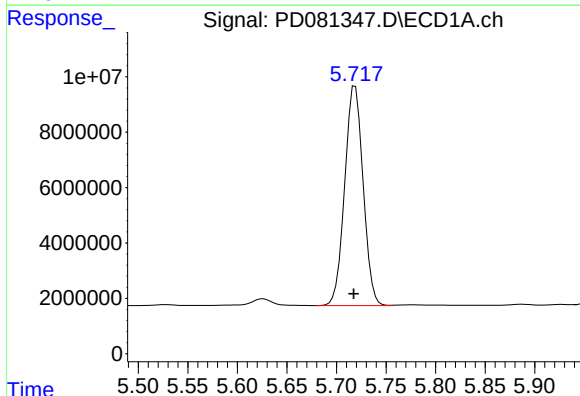
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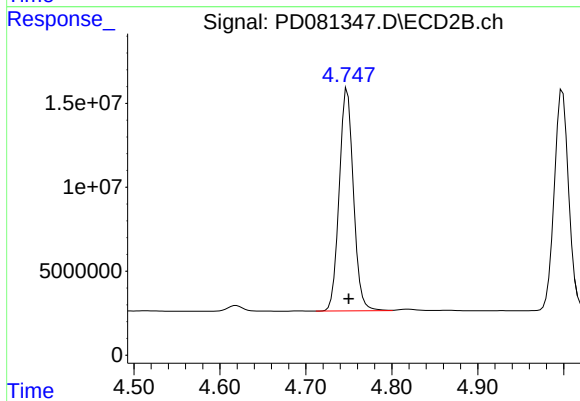
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 169622501
Conc: 45.20 ng/ml



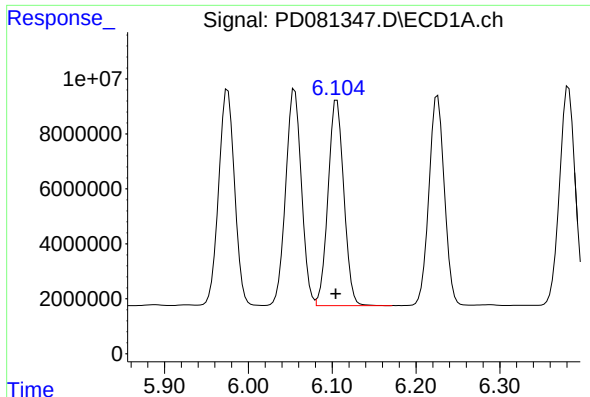
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 102636760
Conc: 45.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 152074534
Conc: 45.40 ng/ml



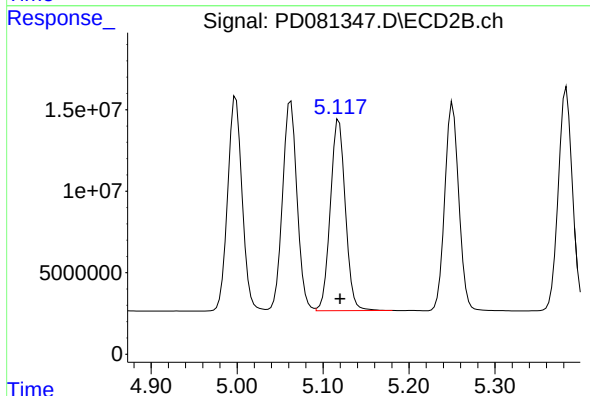
#9 Endosulfan I

R.T.: 6.106 min
Delta R.T.: 0.002 min
Response: 97781434
Conc: 47.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

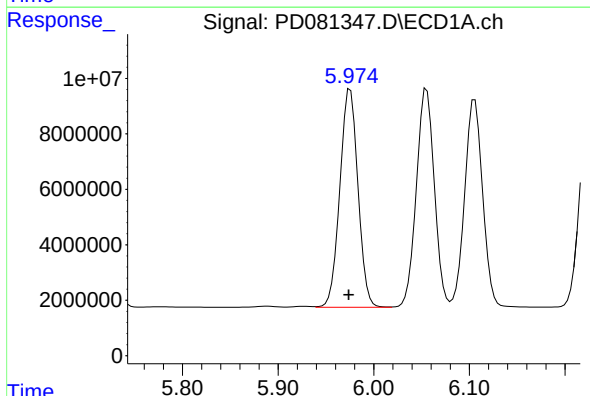
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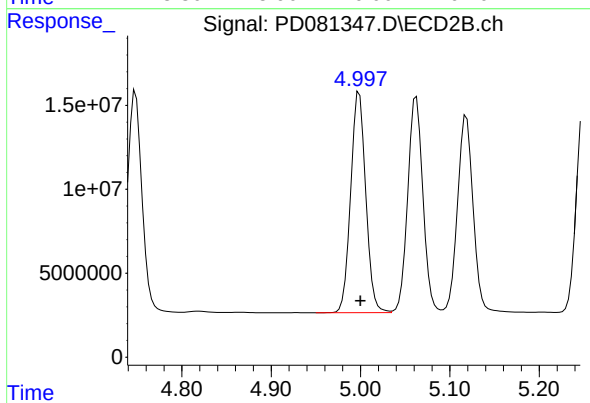
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 141944457
Conc: 46.35 ng/ml



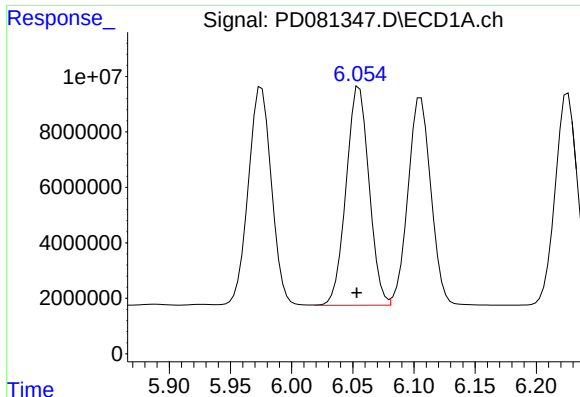
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.002 min
Response: 103828985
Conc: 47.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 154245332
Conc: 47.16 ng/ml



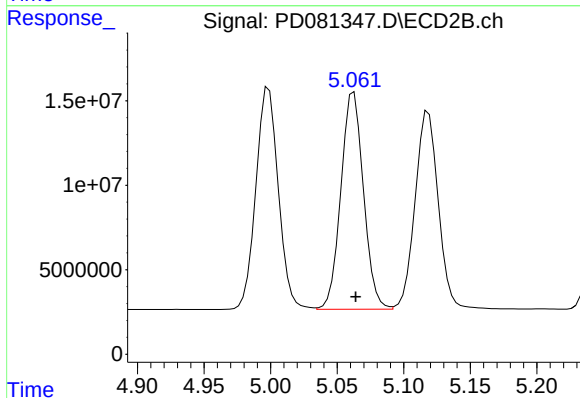
#11 alpha-Chlordane

R.T.: 6.055 min
Delta R.T.: 0.002 min
Response: 102790547
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

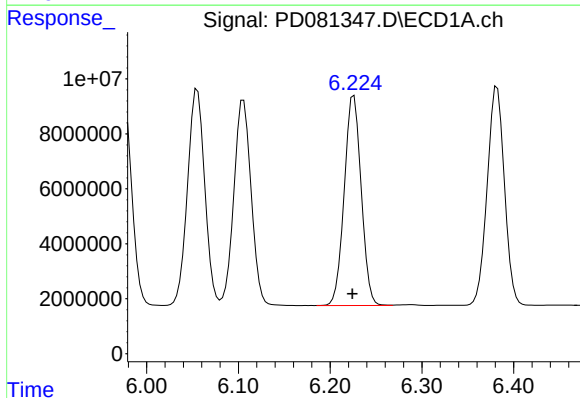
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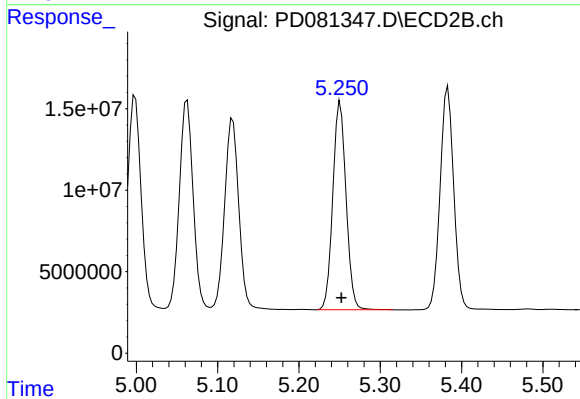
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 151782200
Conc: 46.42 ng/ml



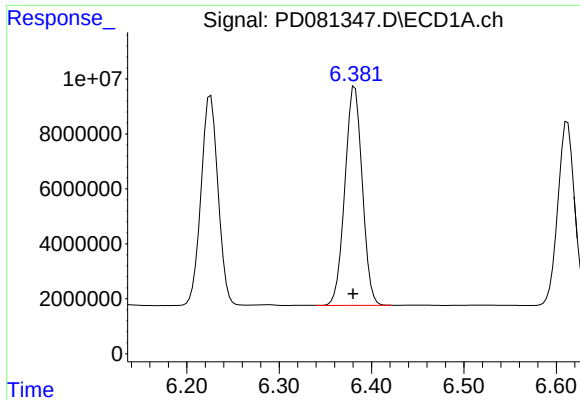
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 97917957
Conc: 48.12 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: -0.001 min
Response: 144787287
Conc: 47.27 ng/ml



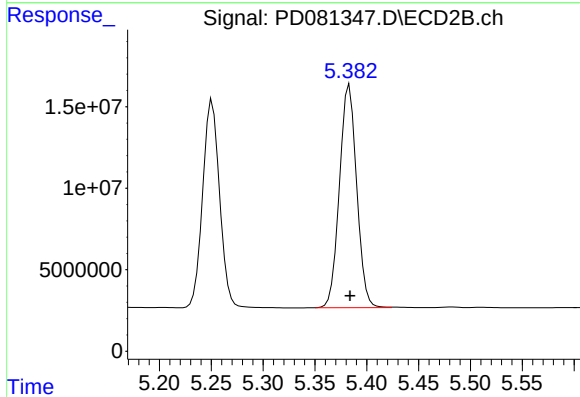
#13 Dieldrin

R.T.: 6.382 min
Delta R.T.: 0.002 min
Response: 103988749
Conc: 47.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

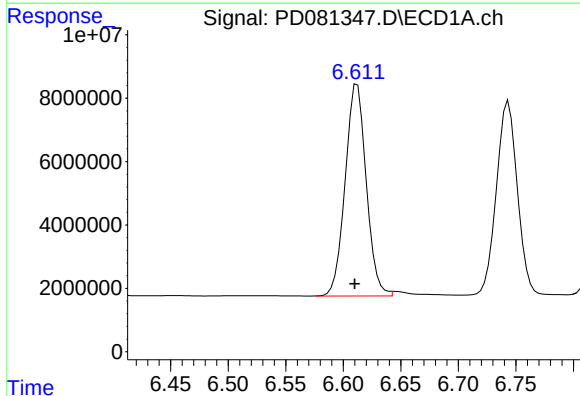
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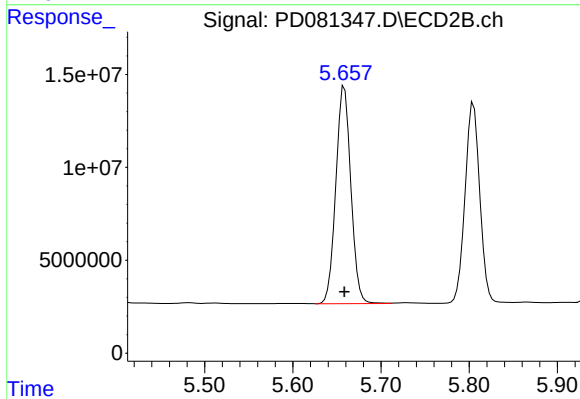
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 158142746
Conc: 46.50 ng/ml



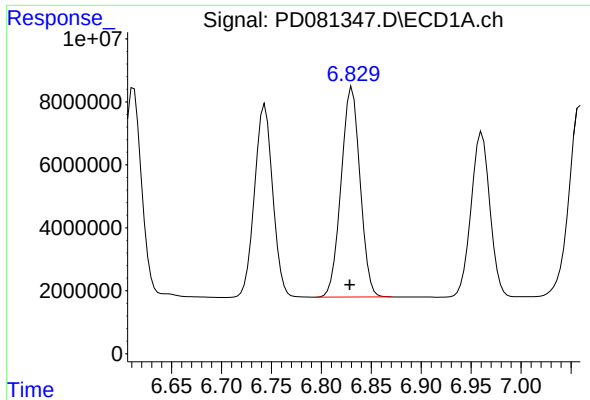
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 85478064
Conc: 45.77 ng/ml m



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 138582010
Conc: 46.76 ng/ml



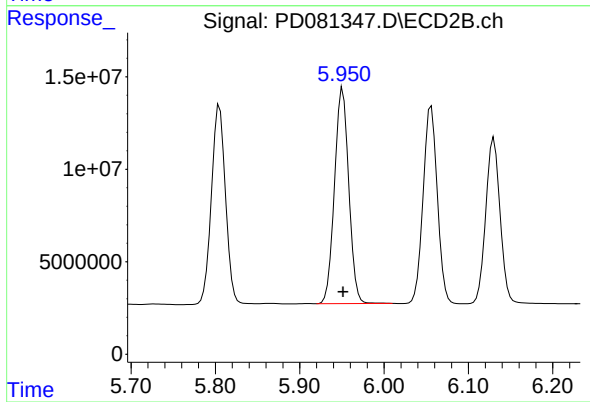
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 88075669
Conc: 45.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

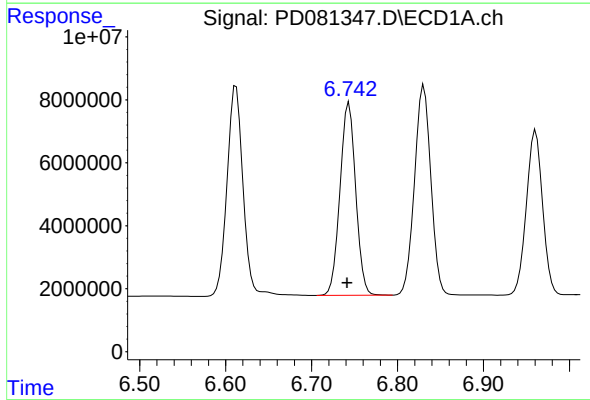
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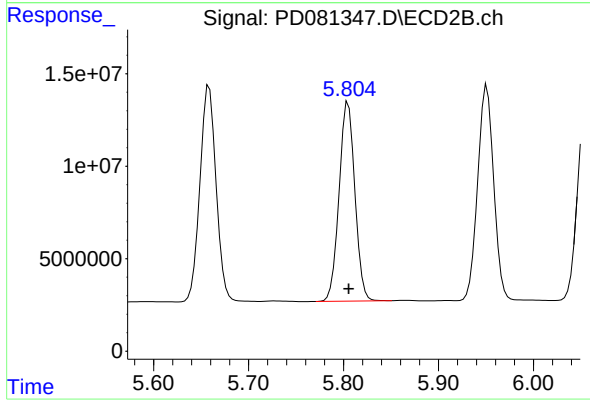
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 137011762
Conc: 47.64 ng/ml



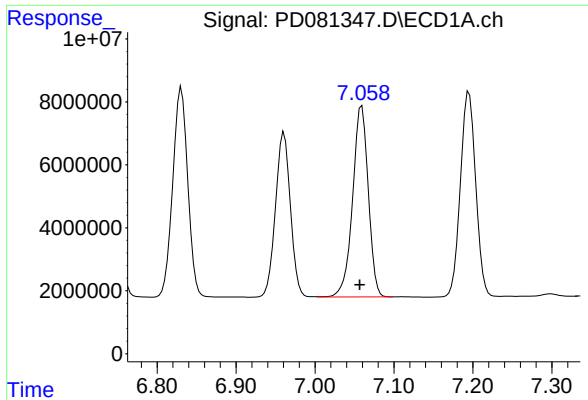
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.002 min
Response: 77722247
Conc: 47.30 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 124720317
Conc: 47.51 ng/ml



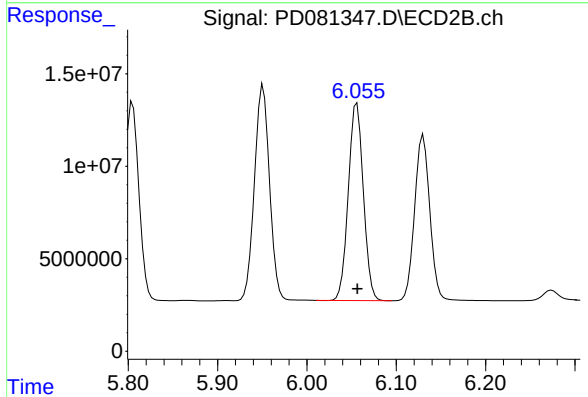
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.003 min
Response: 83774609
Conc: 47.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

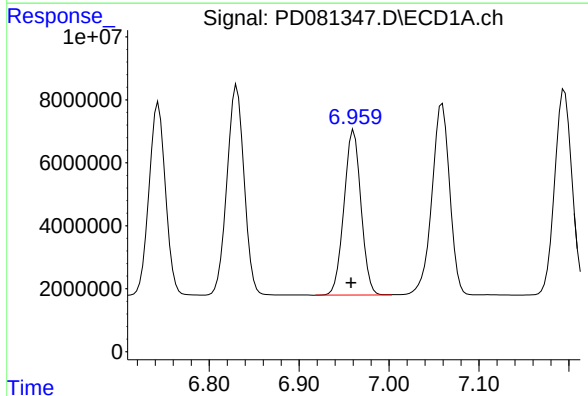
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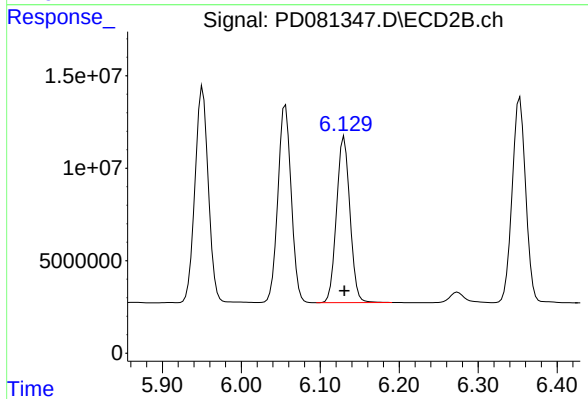
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 125054195
Conc: 47.14 ng/ml



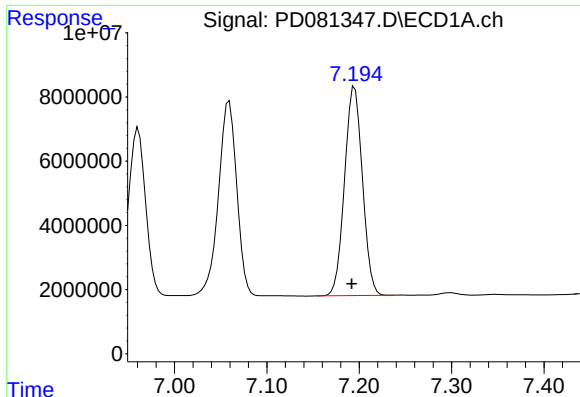
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 68929520
Conc: 45.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 105995416
Conc: 47.01 ng/ml



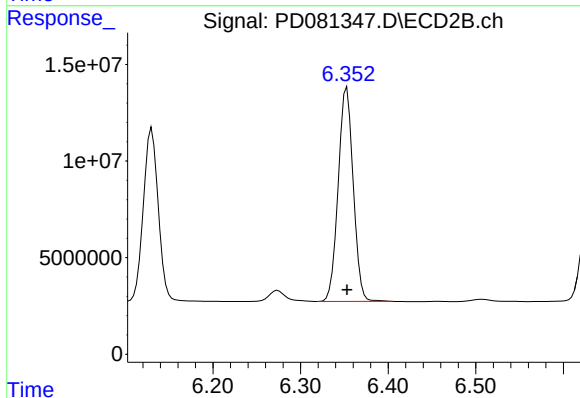
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 87570533
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

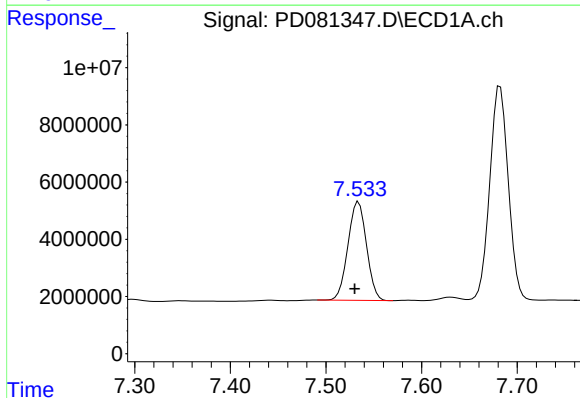
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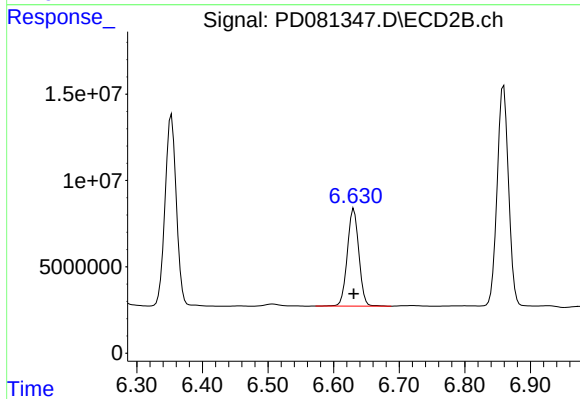
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 132007979
Conc: 47.33 ng/ml



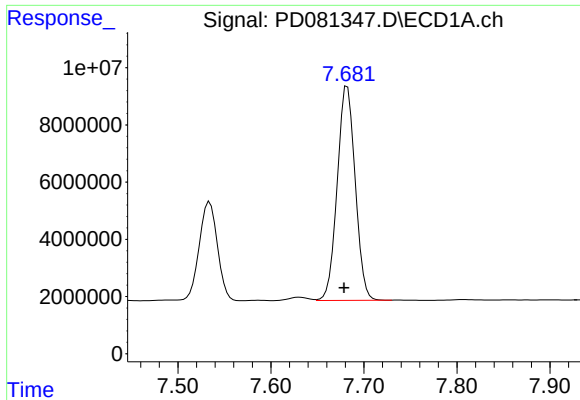
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 46732670
Conc: 45.40 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 68837650
Conc: 43.98 ng/ml



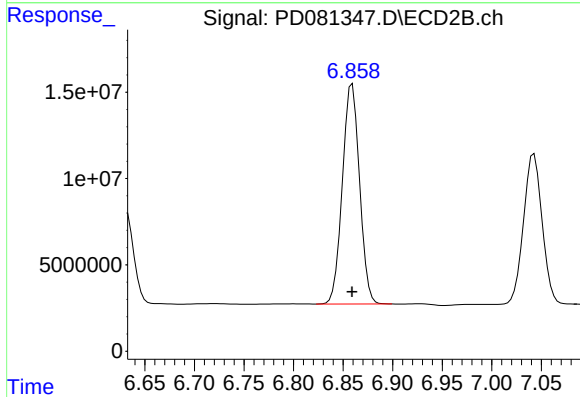
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.004 min
Response: 100725005
Conc: 48.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB158972BS

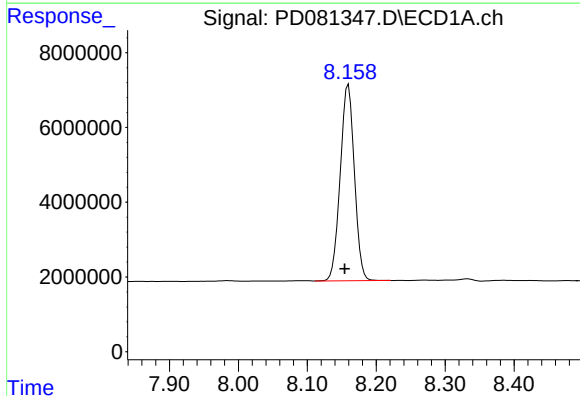
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Supervised By :Ankita Jodhani 02/14/2024



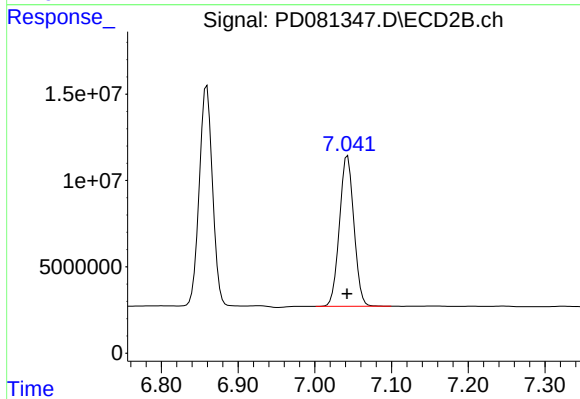
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 153650625
Conc: 47.61 ng/ml



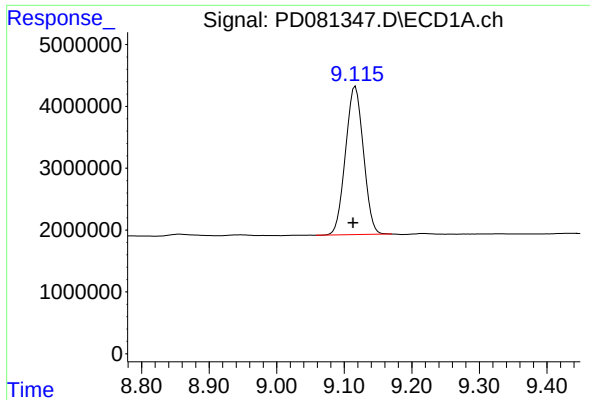
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.005 min
Response: 75004252
Conc: 45.47 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 114069845
Conc: 45.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 44031491
Conc: 21.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

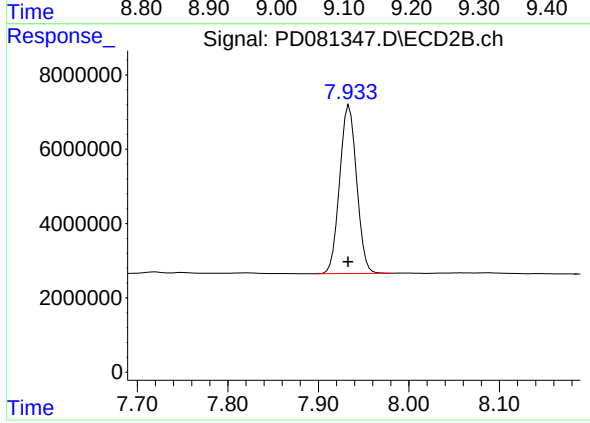
PB158972BS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/14/2024

Supervised By :Ankita Jodhani 02/14/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 59044919
Conc: 22.17 ng/ml