

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
 Data File : PD081238.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Feb 2024 21:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/09/2024
 Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 09 04:01:57 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...	3.566	2.795	73076025	134.0E6	51.478	56.023
28)	SA Decachlor...	9.109	7.931	96281385	132.6E6	47.843	49.770
Target Compounds							
2)	A alpha-BHC	4.022	3.296	129.6E6	213.4E6	52.174	55.626
3)	MA gamma-BHC...	4.355	3.625	128.4E6	205.6E6	52.447	54.996
4)	MA Heptachlor	4.948	3.966	125.0E6	185.4E6	50.678	53.765
5)	MB Aldrin	5.291	4.246	127.6E6	199.2E6	51.986	54.686
6)	B beta-BHC	4.549	3.920	52390873	83445481	51.777	53.402
7)	B delta-BHC	4.799	4.151	132.7E6	212.2E6	52.913	56.547
8)	B Heptachlo...	5.717	4.748	117.8E6	175.3E6	52.615	52.333
9)	A Endosulfan I	6.104	5.117	107.3E6	159.1E6	51.731	51.940
10)	B gamma-Chl...	5.972	4.997	112.7E6	173.3E6	51.482m	52.990
11)	B alpha-Chl...	6.053	5.062	113.1E6	171.2E6	51.927	52.366
12)	B 4,4'-DDE	6.224	5.249	106.7E6	163.4E6	52.421	53.335m
13)	MA Dieldrin	6.380	5.382	114.6E6	179.8E6	51.883	52.860
14)	MA Endrin	6.610	5.657	90192362	152.4E6	48.289	51.442
15)	B Endosulfa...	6.828	5.950	97394326	153.6E6	50.296	53.406
16)	A 4,4'-DDD	6.742	5.803	85943275	142.1E6	52.305	54.133
17)	MA 4,4'-DDT	7.056	6.055	82720071	131.7E6	46.449	49.657
18)	B Endrin al...	6.958	6.129	73180191	115.0E6	48.109	50.996
19)	B Endosulfa...	7.193	6.351	93498126	147.4E6	49.242	52.849
20)	A Methoxychlor	7.531	6.629	46533014	73071734	45.209	46.683
21)	B Endrin ke...	7.679	6.857	108.1E6	175.2E6	51.706	54.301
22)	Mirex	8.155	7.040	78343110	127.3E6	47.498	50.507

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020824\
Data File : PD081238.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Feb 2024 21:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

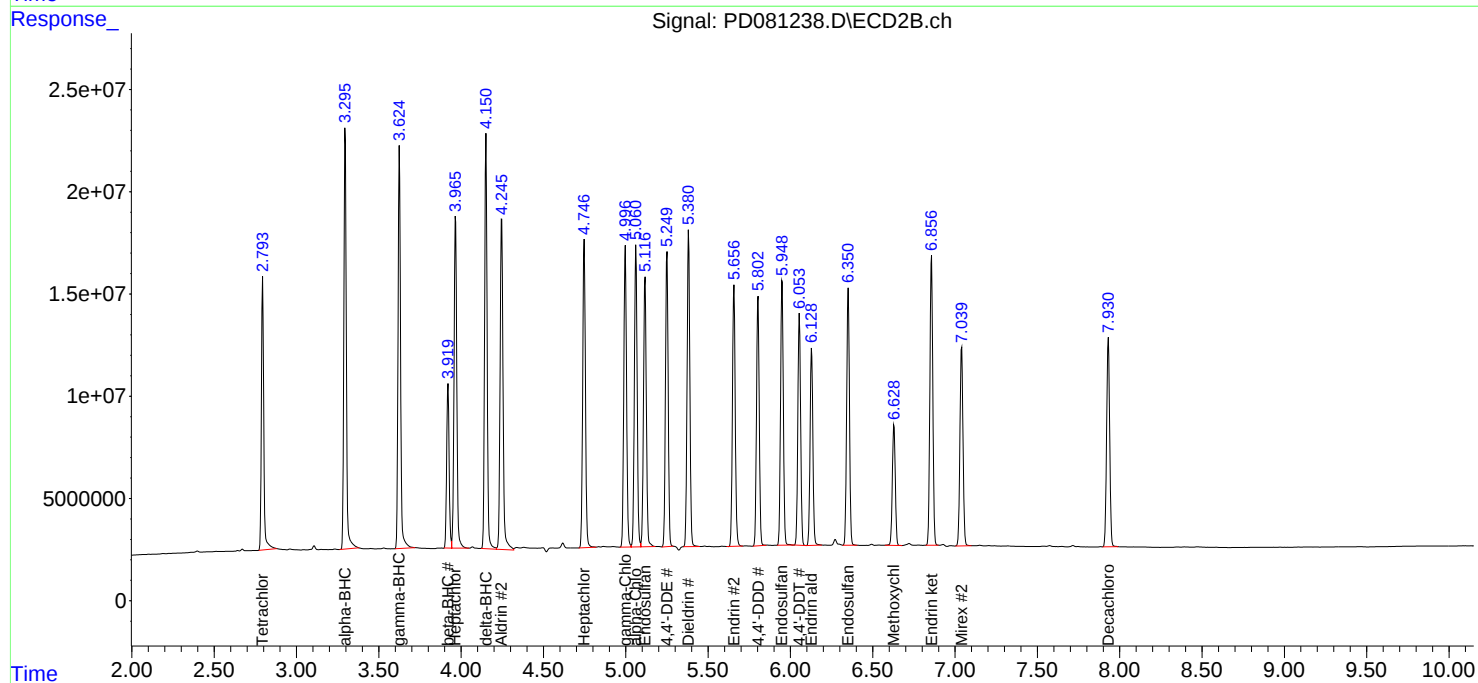
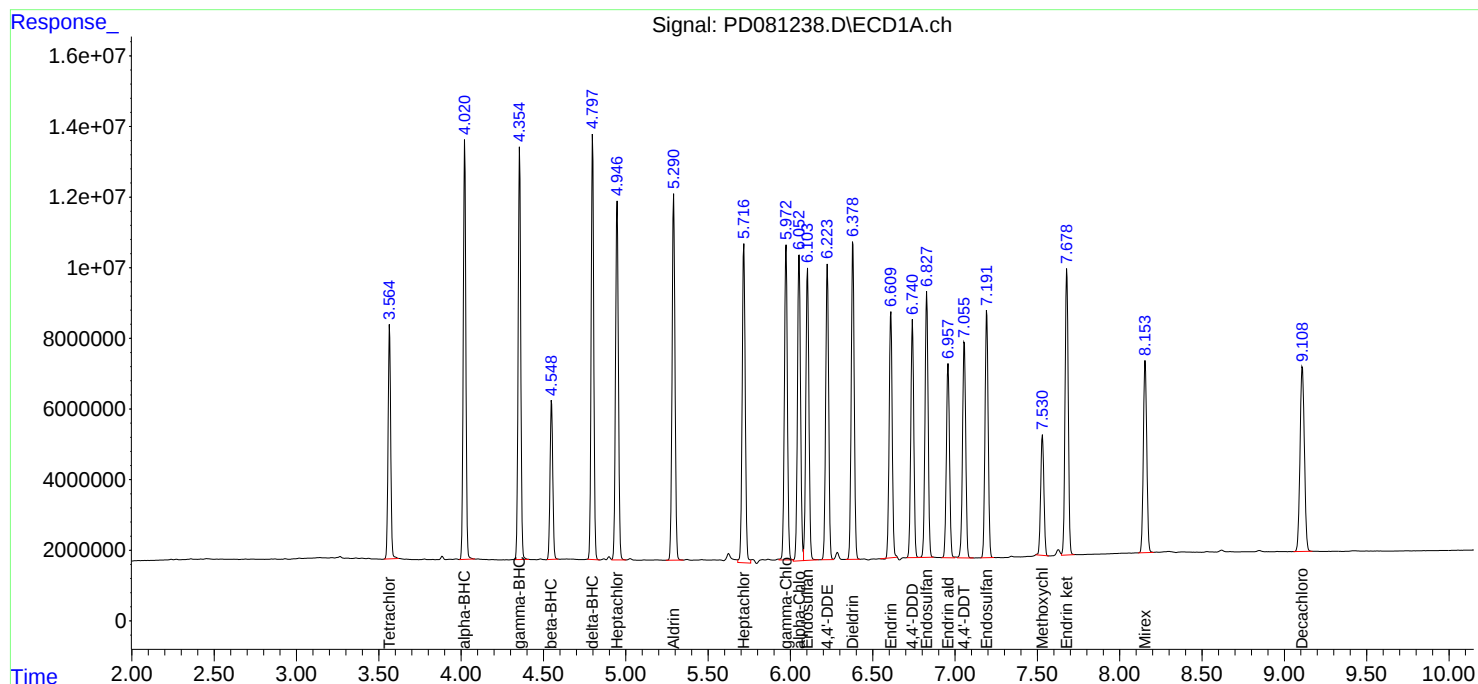
APPROVED

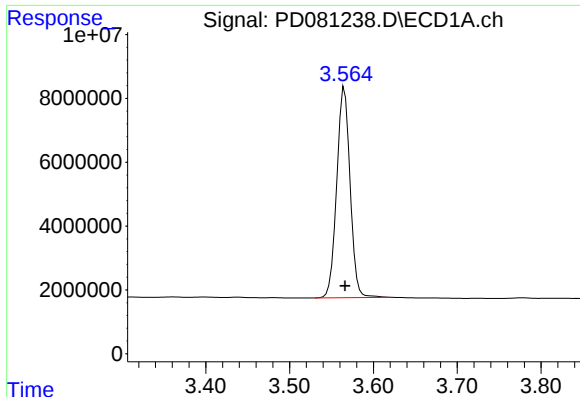
Reviewed By :Abdul Mirza 02/09/2024

Supervised By :Ankita Jodhani 02/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 09 04:01:57 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





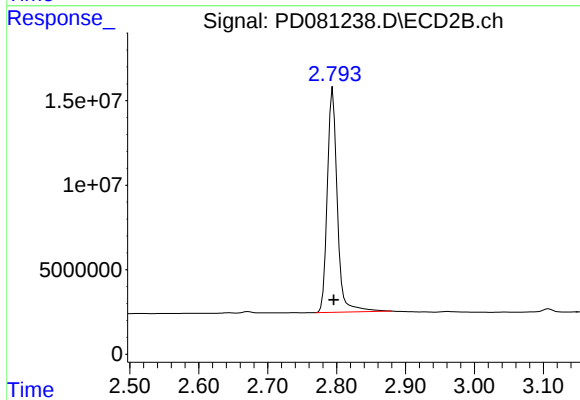
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 73076025
Conc: 51.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

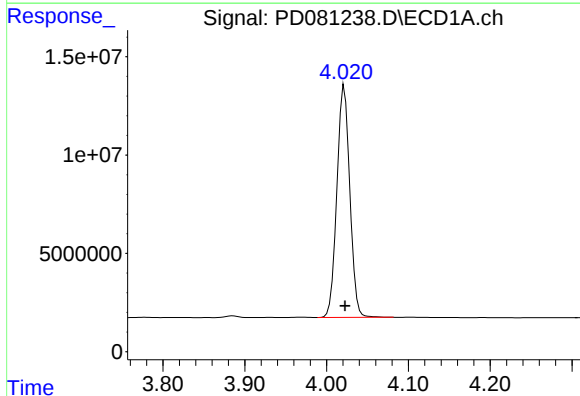
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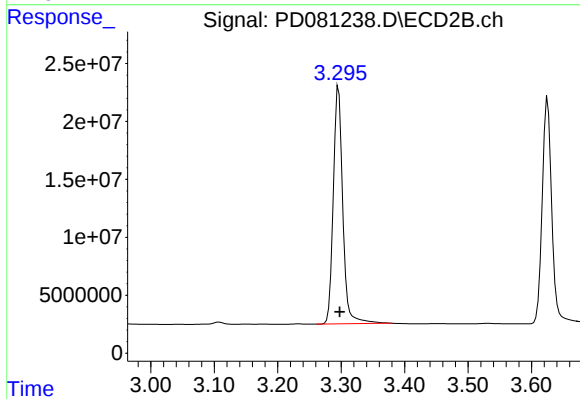
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.001 min
Response: 134016097
Conc: 56.02 ng/ml



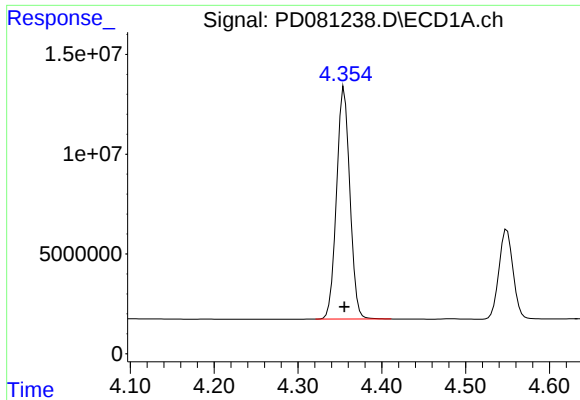
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 129592425
Conc: 52.17 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 213441682
Conc: 55.63 ng/ml



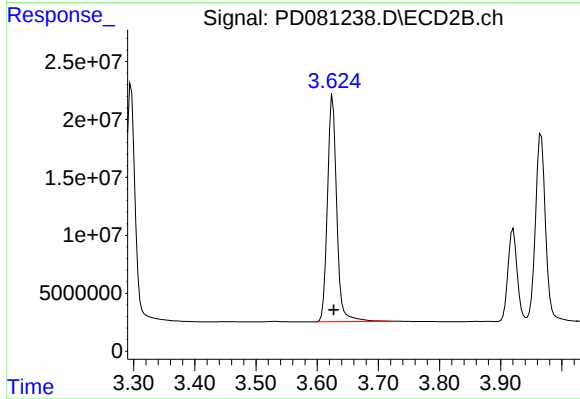
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 128370021
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

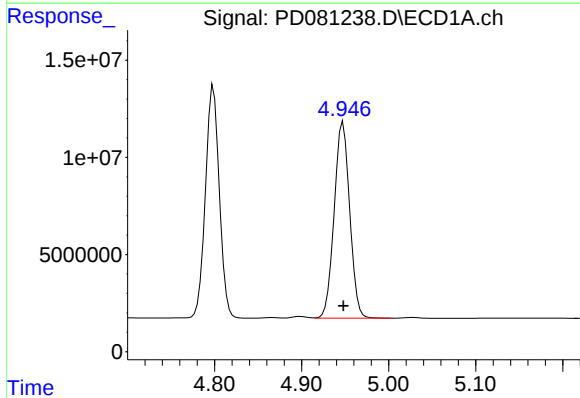
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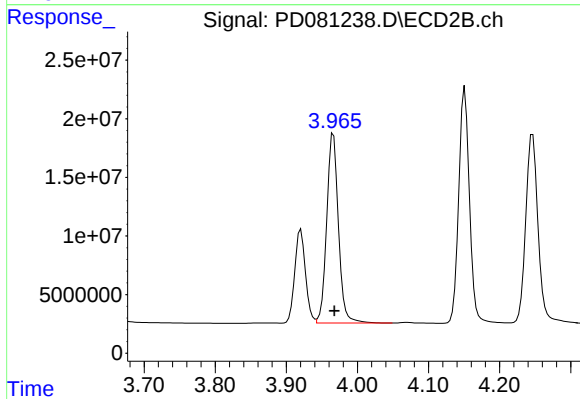
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 205624949
Conc: 55.00 ng/ml



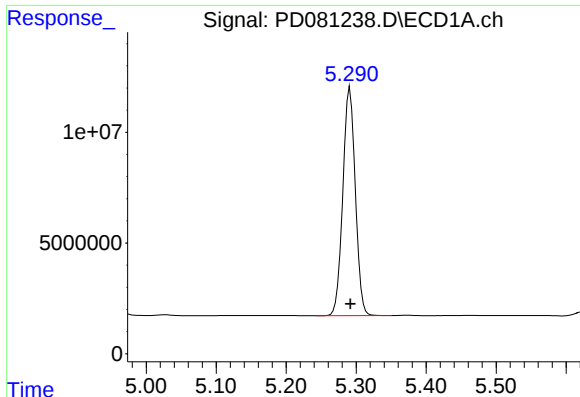
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 124991296
Conc: 50.68 ng/ml



#4 Heptachlor

R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 185386080
Conc: 53.77 ng/ml



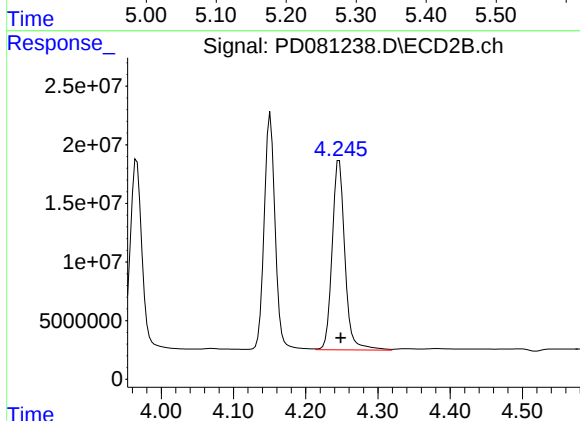
#5 Aldrin

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 127606723
Conc: 51.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

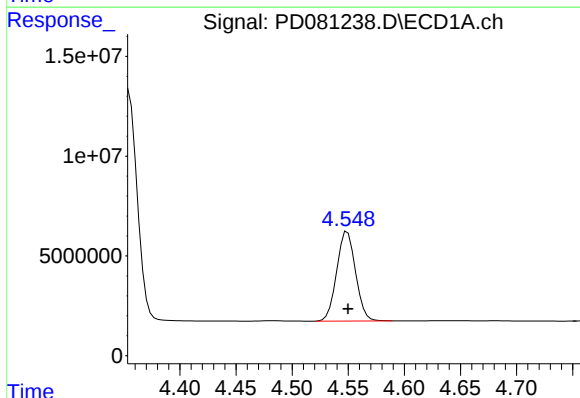
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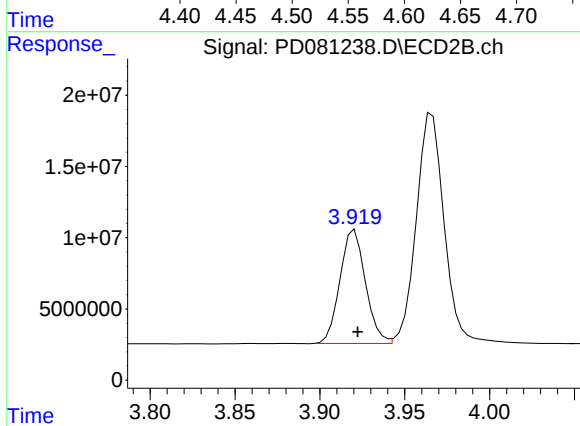
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 199165251
Conc: 54.69 ng/ml



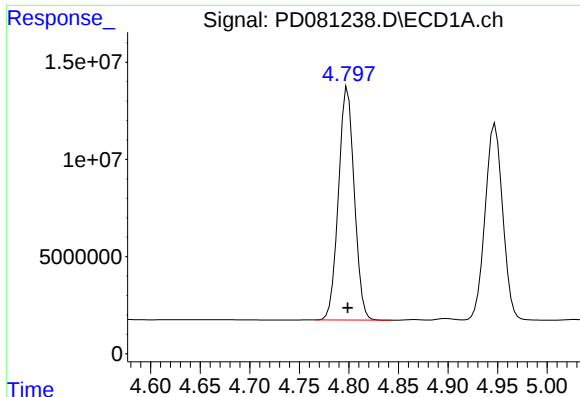
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 52390873
Conc: 51.78 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 83445481
Conc: 53.40 ng/ml



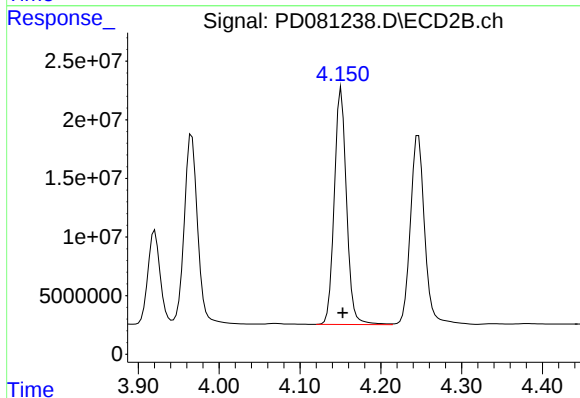
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 132747342
Conc: 52.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

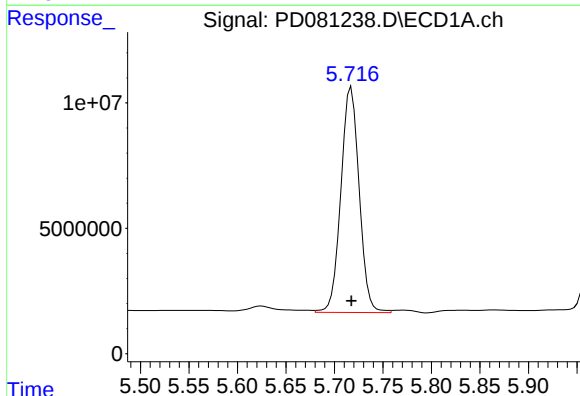
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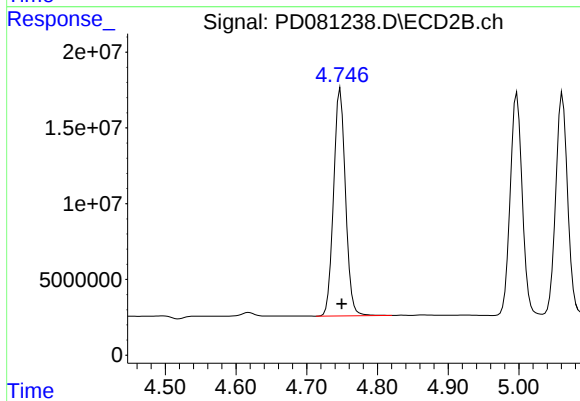
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 212222500
Conc: 56.55 ng/ml



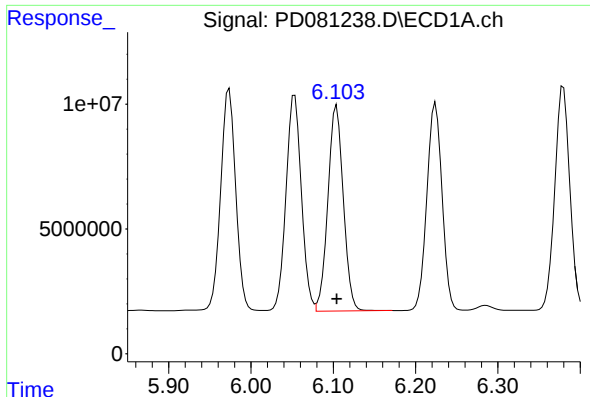
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 117816350
Conc: 52.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 175287864
Conc: 52.33 ng/ml



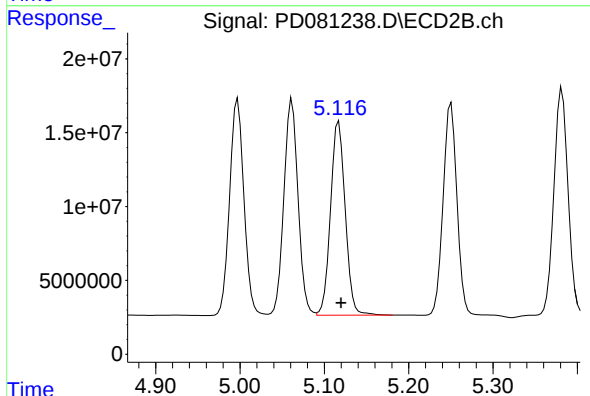
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 107292666
Conc: 51.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

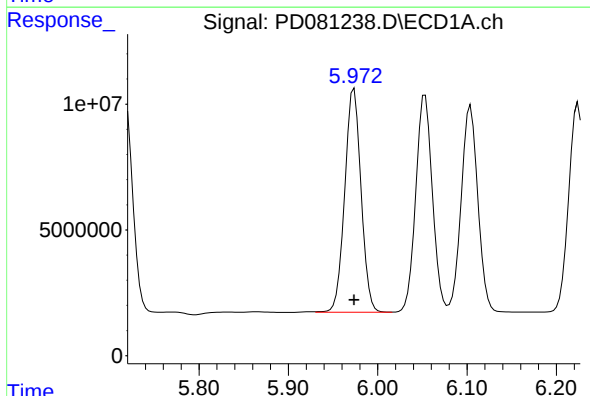
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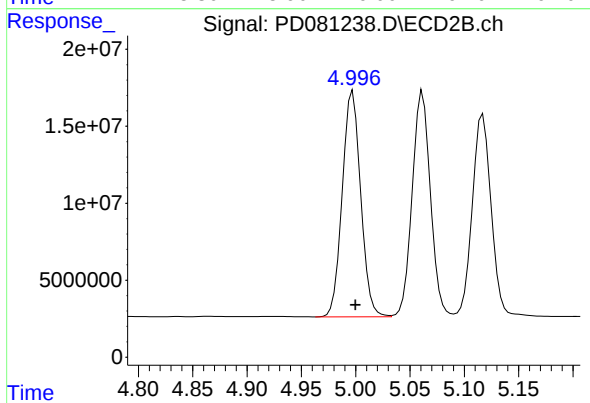
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: -0.003 min
Response: 159079766
Conc: 51.94 ng/ml



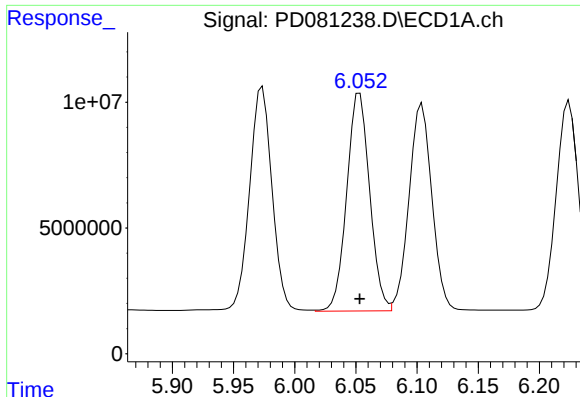
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 112699764
Conc: 51.48 ng/ml m



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.002 min
Response: 173330286
Conc: 52.99 ng/ml



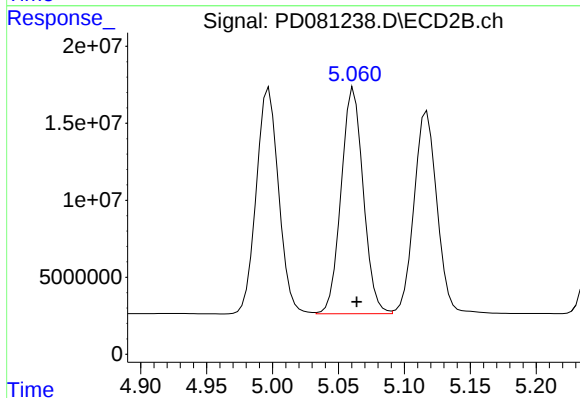
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 113067244
Conc: 51.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

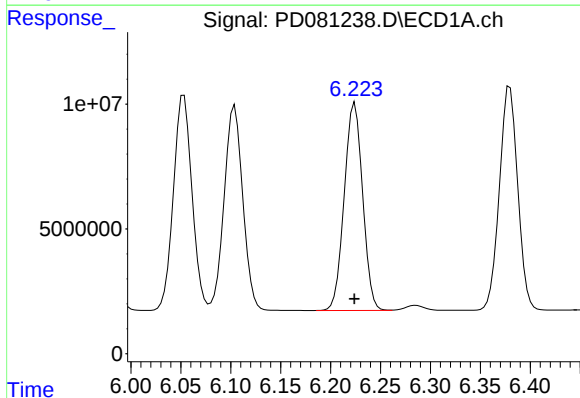
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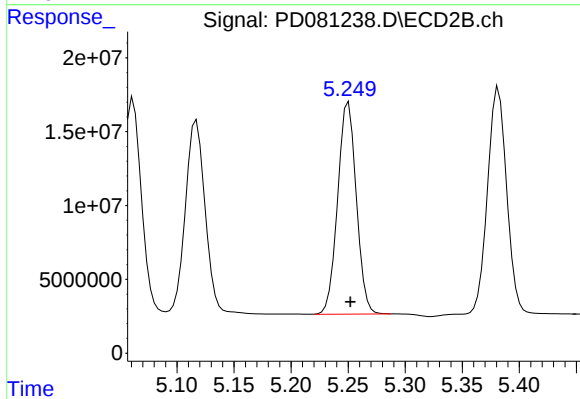
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.002 min
Response: 171211365
Conc: 52.37 ng/ml



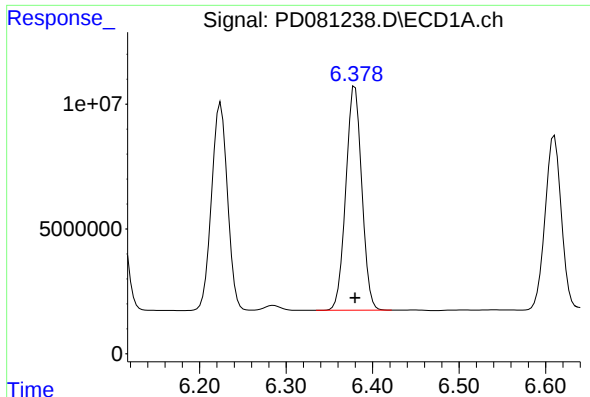
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 106670845
Conc: 52.42 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.003 min
Response: 163379095
Conc: 53.34 ng/ml m



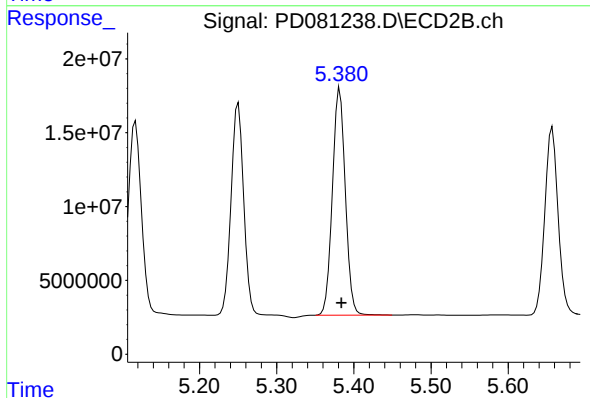
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 114646507
Conc: 51.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

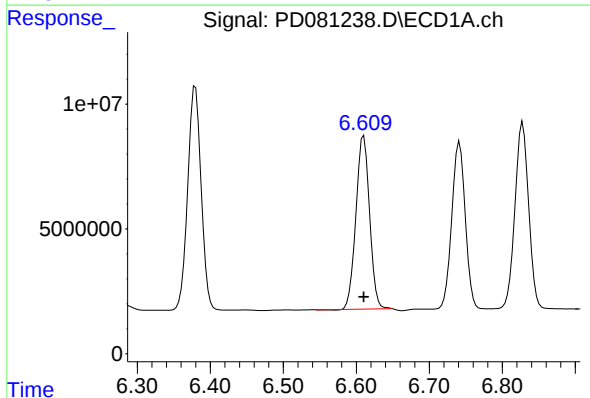
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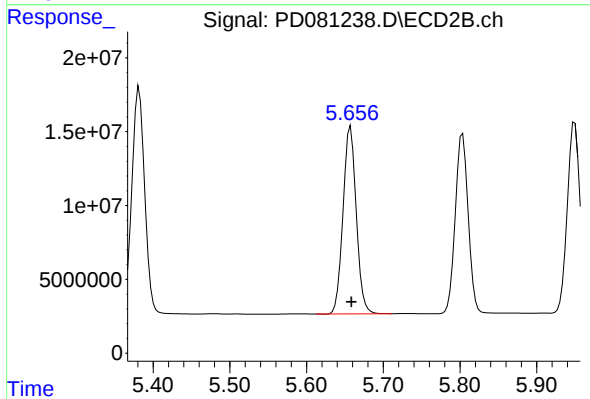
#13 Dieldrin

R.T.: 5.382 min
Delta R.T.: -0.002 min
Response: 179766870
Conc: 52.86 ng/ml



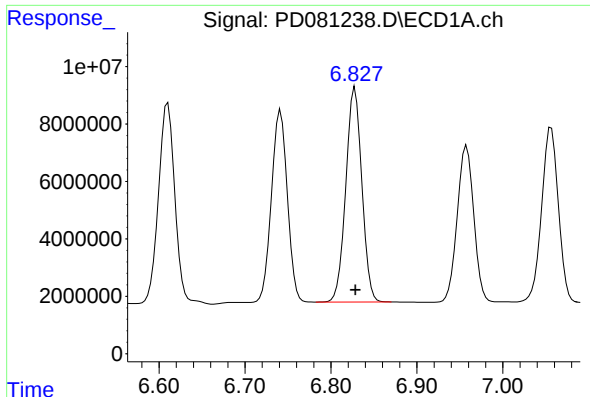
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 90192362
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 152443359
Conc: 51.44 ng/ml



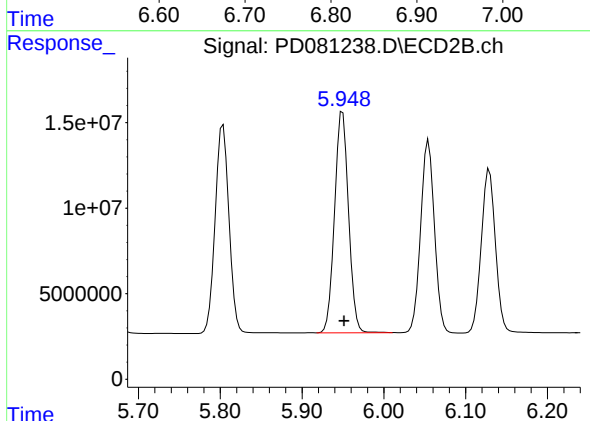
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 97394326
Conc: 50.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

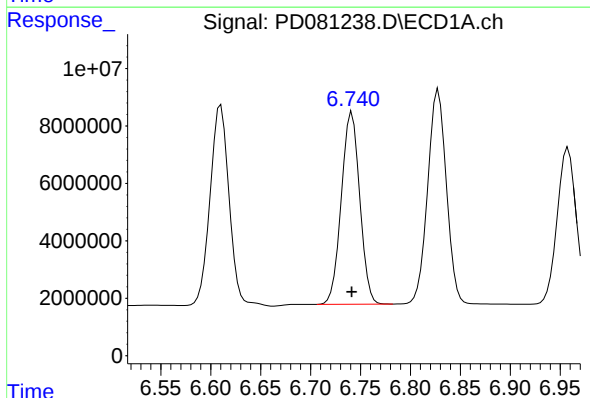
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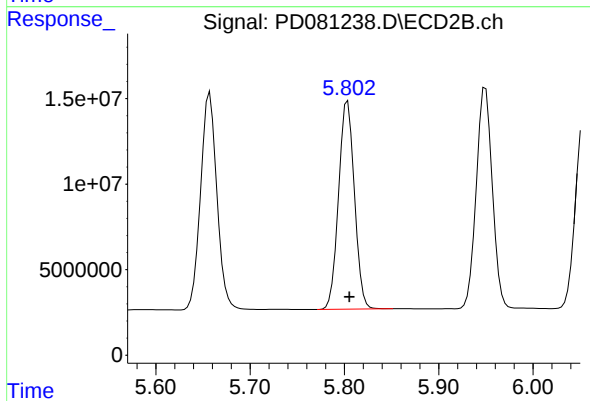
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 153590302
Conc: 53.41 ng/ml



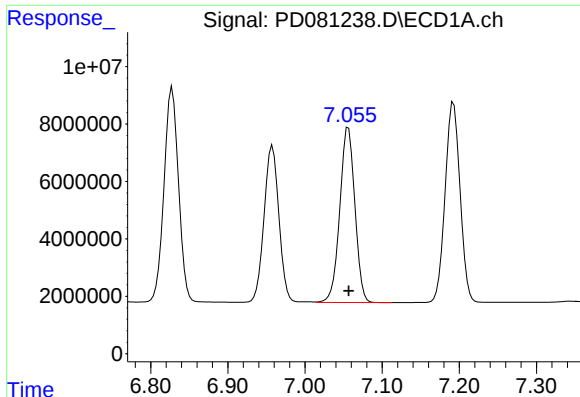
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 85943275
Conc: 52.30 ng/ml



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 142113045
Conc: 54.13 ng/ml



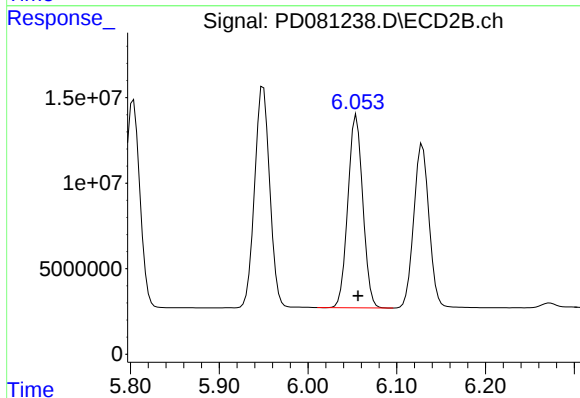
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 82720071
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

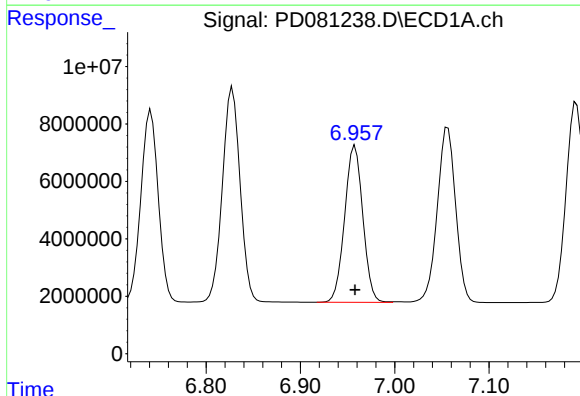
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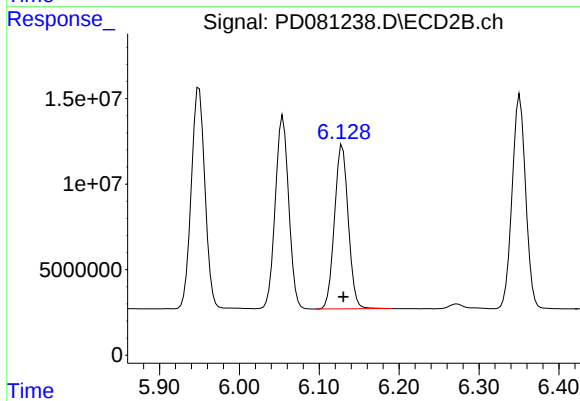
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 131743380
Conc: 49.66 ng/ml



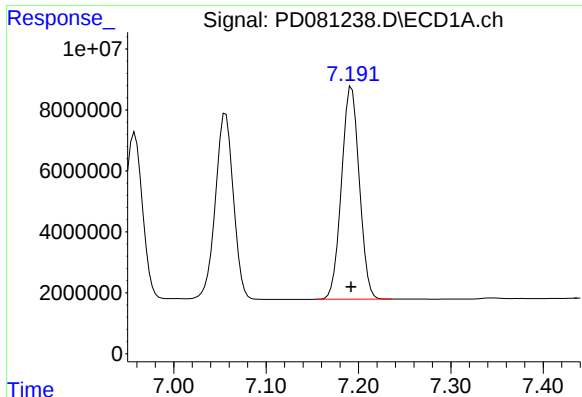
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 73180191
Conc: 48.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 114977351
Conc: 51.00 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 93498126
Conc: 49.24 ng/ml

Instrument :

ECD_D

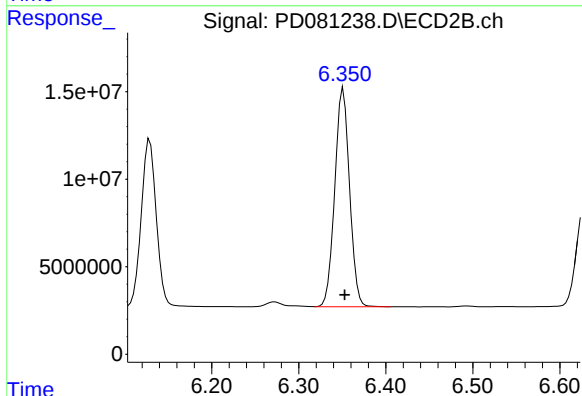
ClientSampleId :

PSTDCCC050

Manual Integrations

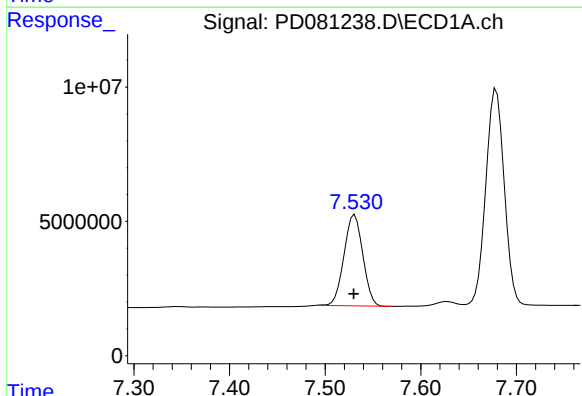
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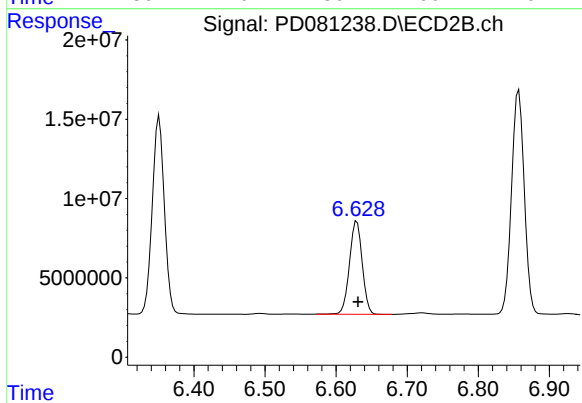
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 147415072
Conc: 52.85 ng/ml



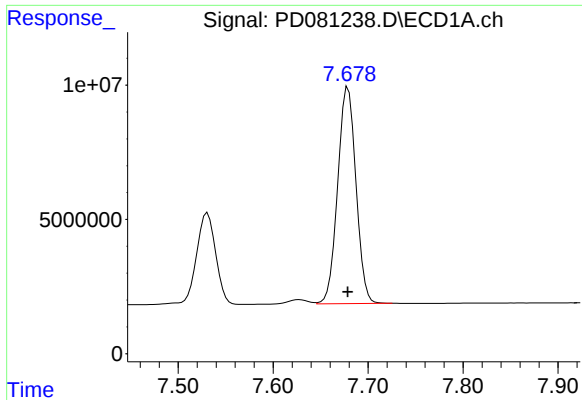
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.000 min
Response: 46533014
Conc: 45.21 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 73071734
Conc: 46.68 ng/ml



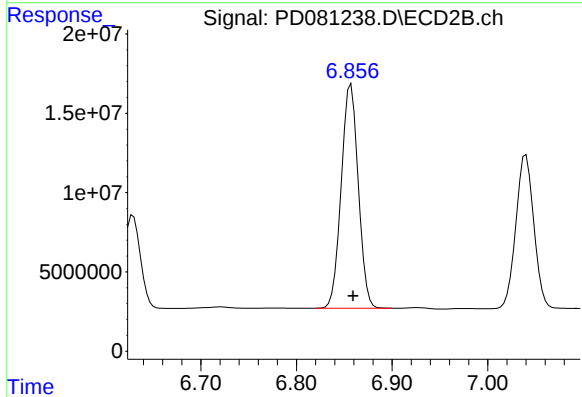
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 108127951
Conc: 51.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

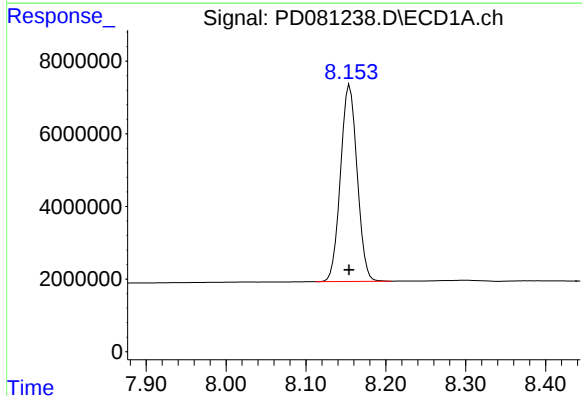
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/09/2024
Supervised By :Ankita Jodhani 02/09/2024



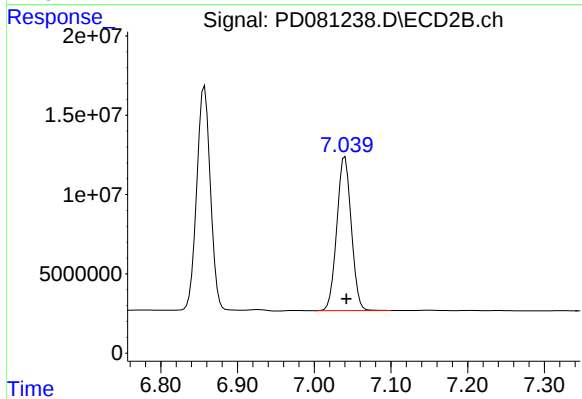
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.002 min
Response: 175230315
Conc: 54.30 ng/ml



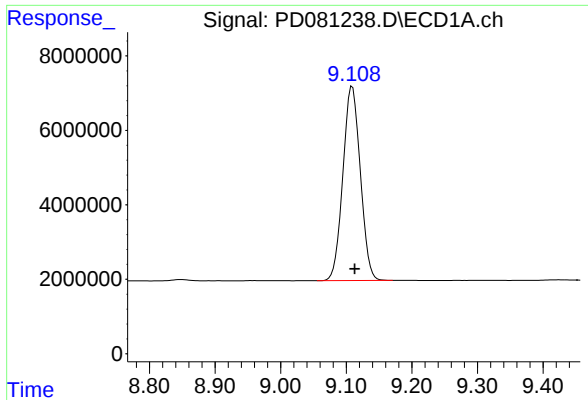
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 78343110
Conc: 47.50 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 127276202
Conc: 50.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: -0.004 min
Response: 96281385
Conc: 47.84 ng/ml

Instrument :

ECD_D

ClientSampleId :

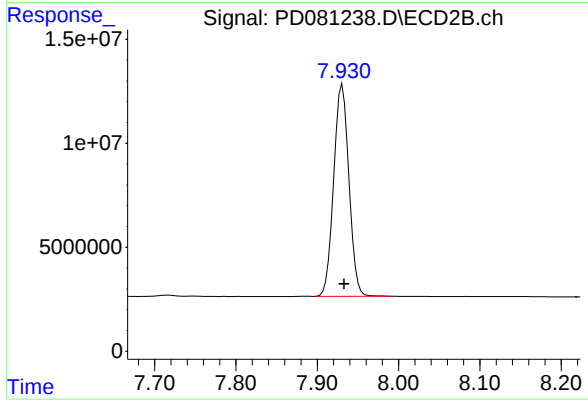
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 132567441
Conc: 49.77 ng/ml