

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010722\
 Data File : PD067646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jan 2022 17:04
 Operator : AR\AJ
 Sample : N1071-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FM-E6-01-4.5MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/10/2022
 Supervised By : Ankita Jodhani 01/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 08 06:15:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 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...	3.430	3.960	37591712	144.7E6	20.686	21.932
28)	SA Decachlor...	8.151	9.011	17001078	90373990	19.139	19.016
Target Compounds							
2)	A alpha-BHC	3.866	4.353	153.2E6	473.7E6	53.125	51.060
3)	MA gamma-BHC...	4.148	4.638	138.4E6	434.3E6	52.037	51.535
4)	MA Heptachlor	4.440	5.137	139.3E6	389.2E6	51.212	50.729
5)	MB Aldrin	4.685	5.441	146.6E6	378.6E6	52.968	51.056
6)	B beta-BHC	4.397	4.817	55496390	188.0E6	50.497	48.207
7)	B delta-BHC	4.598	5.031	138.8E6	428.7E6	53.809	57.208
8)	B Heptachlo...	5.125	5.830	130.2E6	331.8E6	52.834	62.165
9)	A Endosulfan I	5.461	6.187	117.7E6	311.3E6	52.894	51.421
10)	B gamma-Chl...	5.348	6.064	130.2E6	322.5E6	52.667m	49.711
11)	B alpha-Chl...	5.407	6.135	127.5E6	329.8E6	52.721	50.880
12)	B 4,4'-DDE	5.570	6.296	118.3E6	324.5E6	53.421	52.677
13)	MA Dieldrin	5.703	6.444	128.3E6	342.3E6	53.153	51.525
14)	MA Endrin	5.960	6.663	110.6E6	289.7E6	52.666	52.256
15)	B Endosulfa...	6.233	6.877	100.0E6	311.7E6	49.886	52.441
16)	A 4,4'-DDD	6.086	6.790	95668910	295.1E6	55.686	58.942
17)	MA 4,4'-DDT	6.322	7.085	83648690	256.6E6	51.192m	47.949m
18)	B Endrin al...	6.402	7.002	73468002	230.0E6	48.347	50.983
19)	B Endosulfa...	6.613	7.226	84007975	277.7E6	52.035	50.806
20)	A Methoxychlor	6.870	7.549	42121629	144.6E6	49.620	49.841
21)	B Endrin ke...	7.105	7.698	87373509	314.2E6	51.053	50.072
22)	Mirex	7.284	8.143	63029935	229.2E6	52.695	52.788

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

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 Acq On : 07 Jan 2022 17:04
 Operator : AR\AJ
 Sample : N1071-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

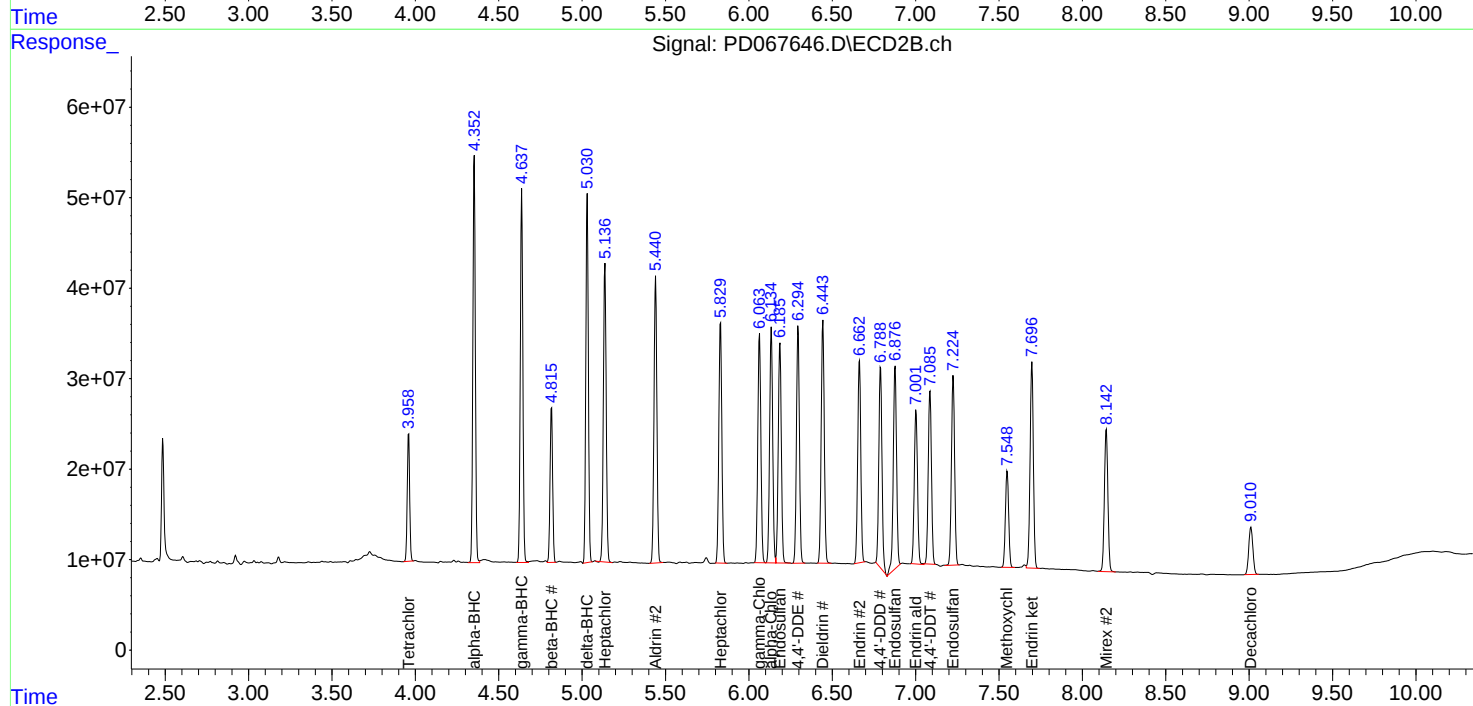
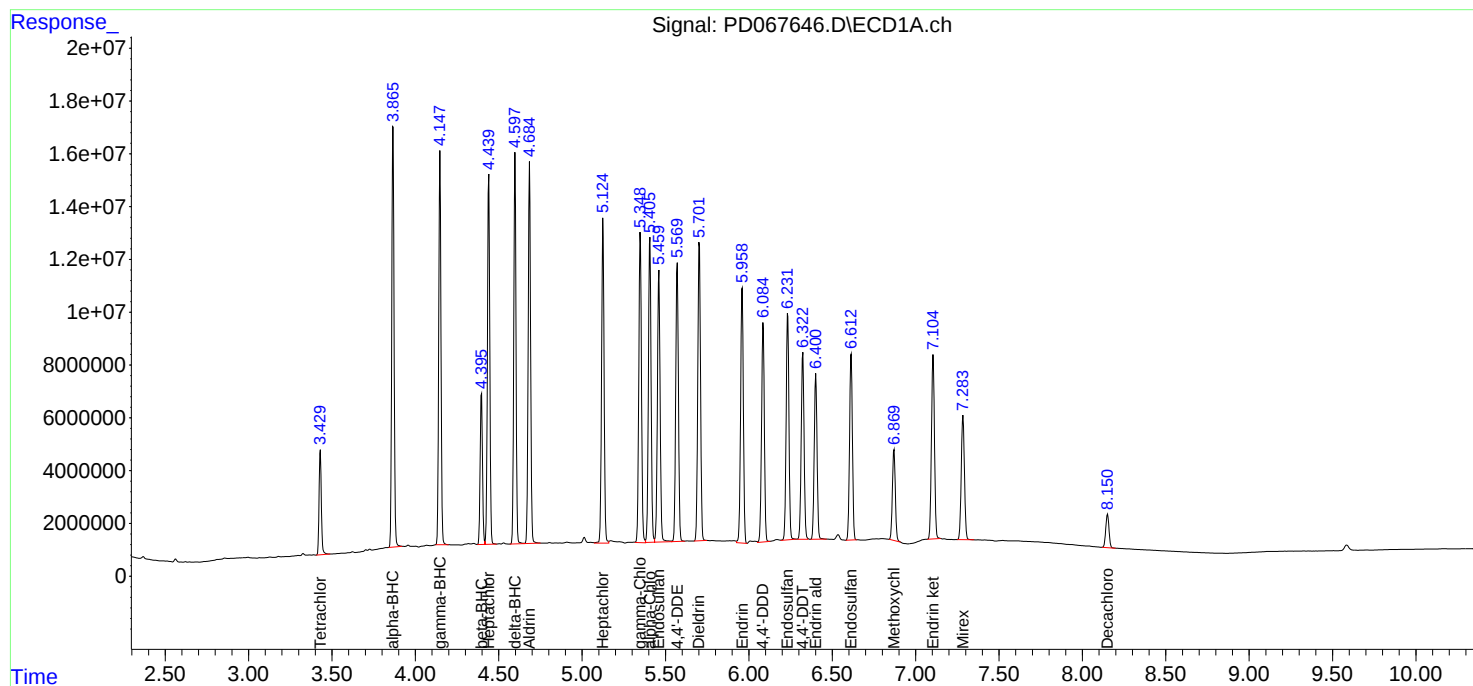
Instrument :
 ECD_D
 ClientSampleId :
 FM-E6-01-4.5MS

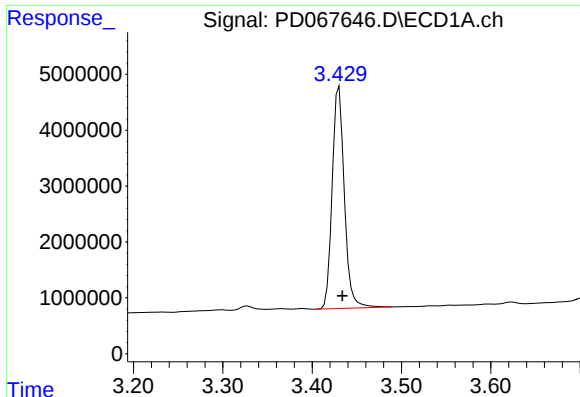
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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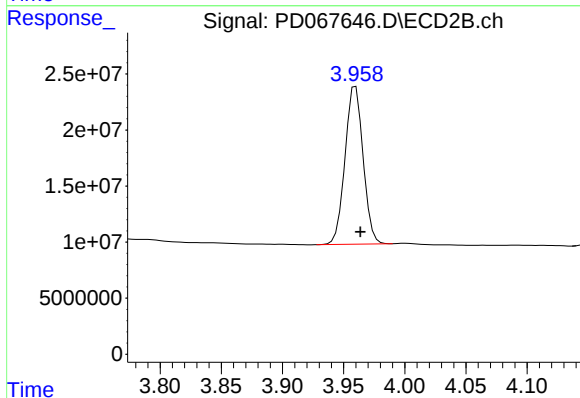
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: -0.004 min
Response: 37591712
Conc: 20.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

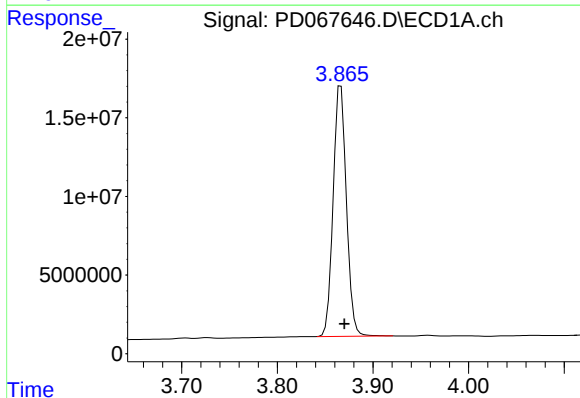
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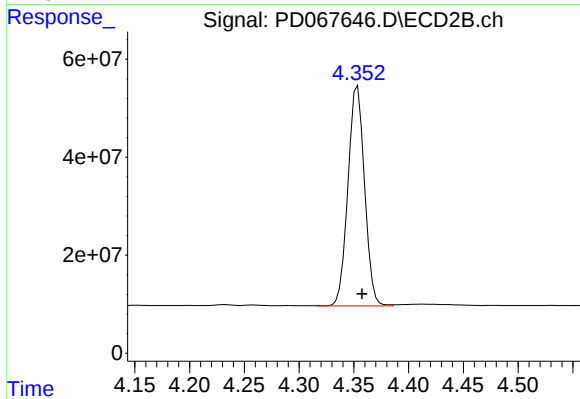
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 144710172
Conc: 21.93 ng/ml



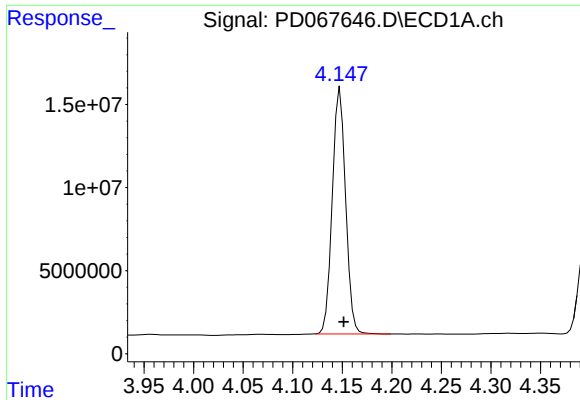
#2 alpha-BHC

R.T.: 3.866 min
Delta R.T.: -0.004 min
Response: 153217424
Conc: 53.13 ng/ml



#2 alpha-BHC

R.T.: 4.353 min
Delta R.T.: -0.004 min
Response: 473745771
Conc: 51.06 ng/ml



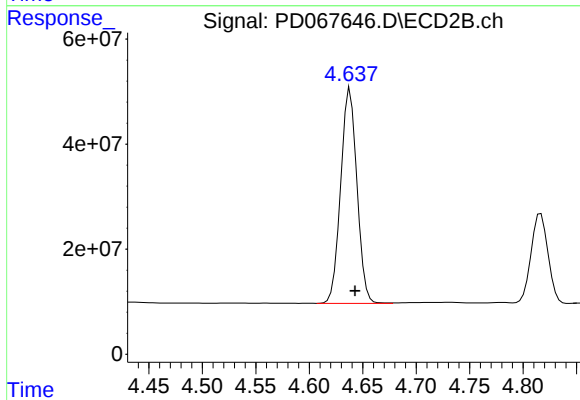
#3 gamma-BHC (Lindane)

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 138399981
Conc: 52.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

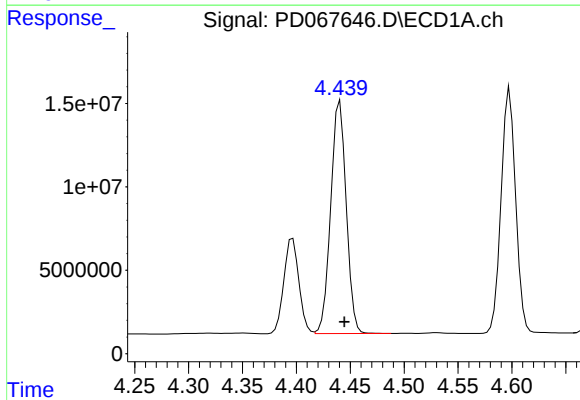
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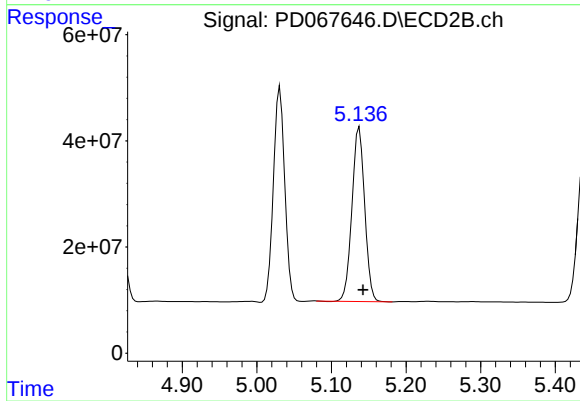
#3 gamma-BHC (Lindane)

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 434321920
Conc: 51.53 ng/ml



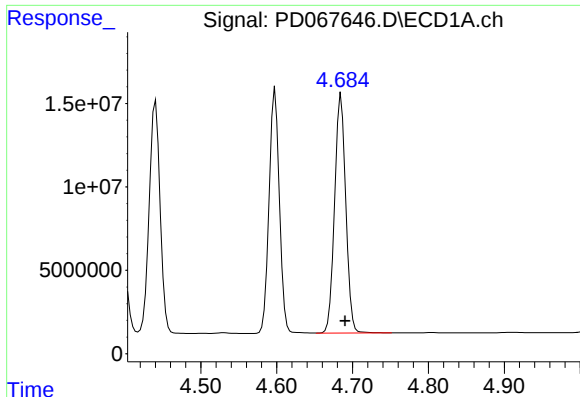
#4 Heptachlor

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 139266885
Conc: 51.21 ng/ml



#4 Heptachlor

R.T.: 5.137 min
Delta R.T.: -0.005 min
Response: 389191270
Conc: 50.73 ng/ml



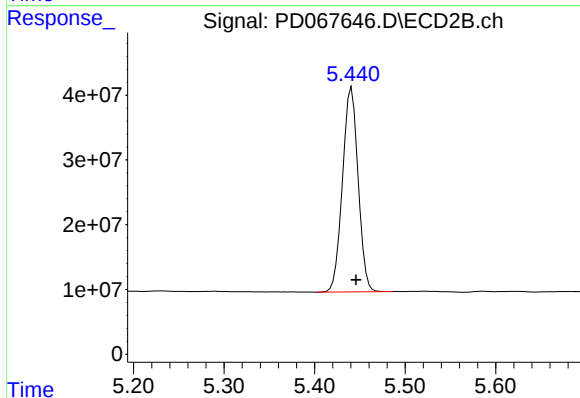
#5 Aldrin

R.T.: 4.685 min
Delta R.T.: -0.005 min
Response: 146606300
Conc: 52.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

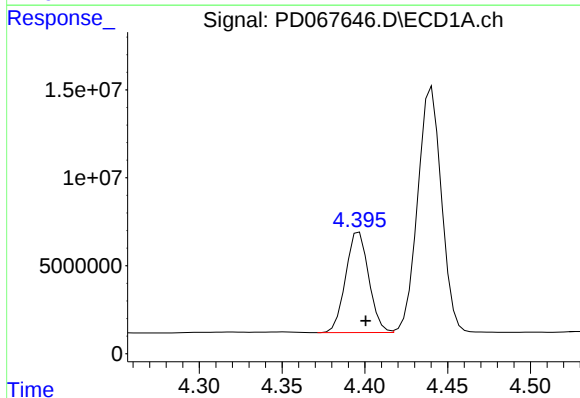
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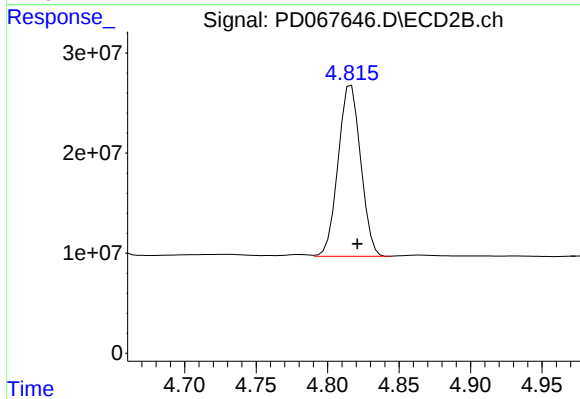
#5 Aldrin

R.T.: 5.441 min
Delta R.T.: -0.005 min
Response: 378575193
Conc: 51.06 ng/ml



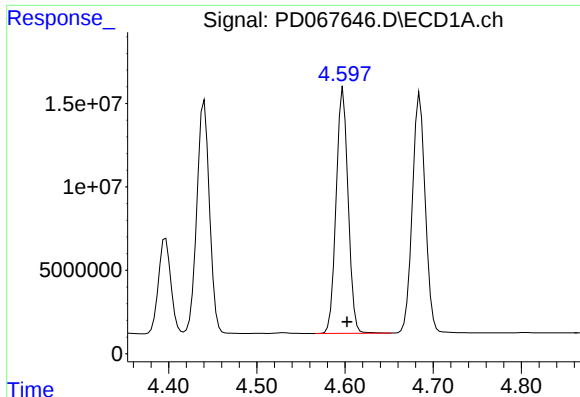
#6 beta-BHC

R.T.: 4.397 min
Delta R.T.: -0.004 min
Response: 55496390
Conc: 50.50 ng/ml



#6 beta-BHC

R.T.: 4.817 min
Delta R.T.: -0.004 min
Response: 187975204
Conc: 48.21 ng/ml



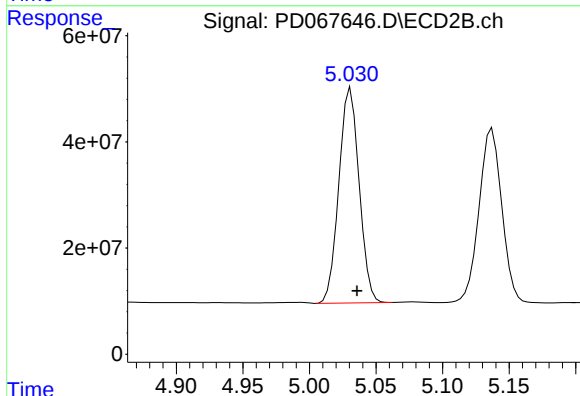
#7 delta-BHC

R.T.: 4.598 min
Delta R.T.: -0.004 min
Response: 138844553
Conc: 53.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

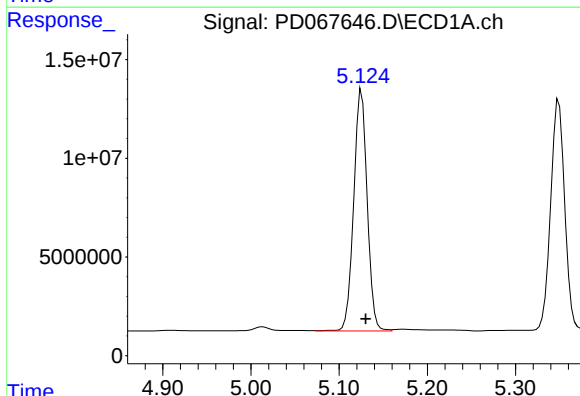
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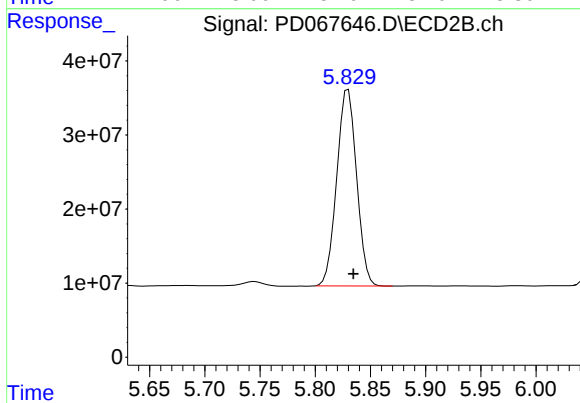
#7 delta-BHC

R.T.: 5.031 min
Delta R.T.: -0.005 min
Response: 428743727
Conc: 57.21 ng/ml



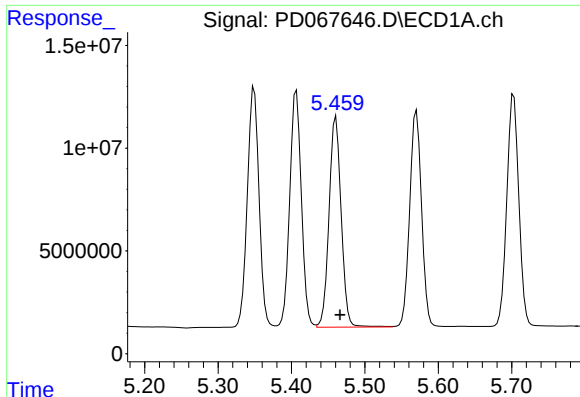
#8 Heptachlor epoxide

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 130196923
Conc: 52.83 ng/ml



#8 Heptachlor epoxide

R.T.: 5.830 min
Delta R.T.: -0.005 min
Response: 331816757
Conc: 62.17 ng/ml



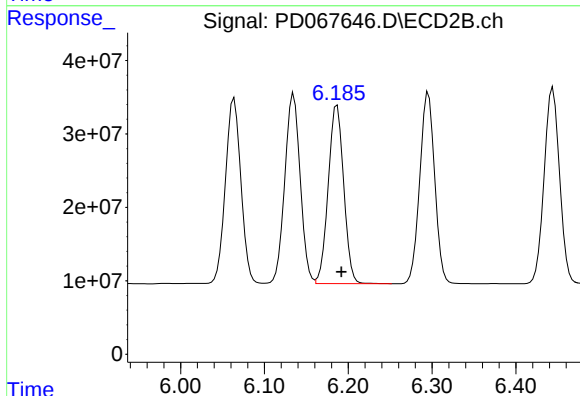
#9 Endosulfan I

R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 117685076
Conc: 52.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

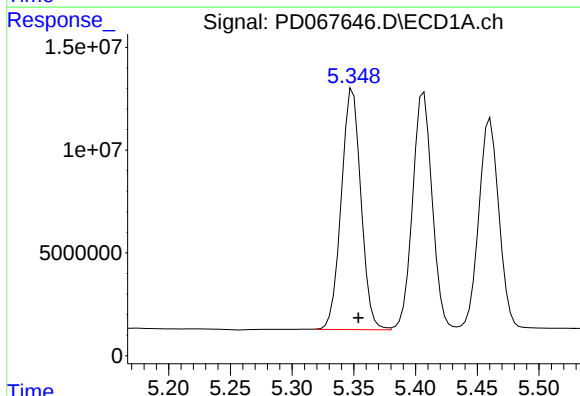
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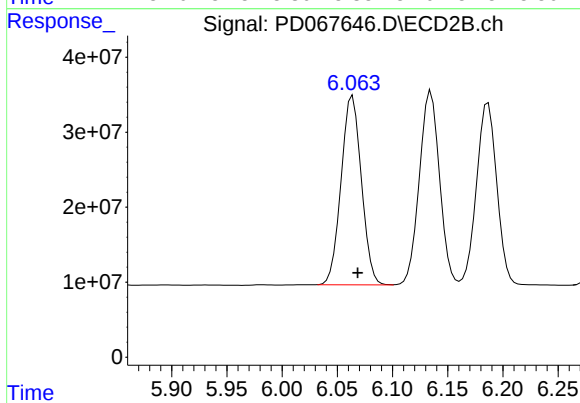
#9 Endosulfan I

R.T.: 6.187 min
Delta R.T.: -0.005 min
Response: 311306397
Conc: 51.42 ng/ml



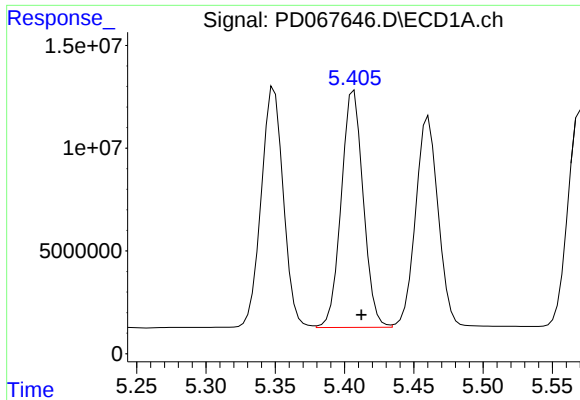
#10 gamma-Chlordane

R.T.: 5.348 min
Delta R.T.: -0.006 min
Response: 130207141
Conc: 52.67 ng/ml m



#10 gamma-Chlordane

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 322484715
Conc: 49.71 ng/ml



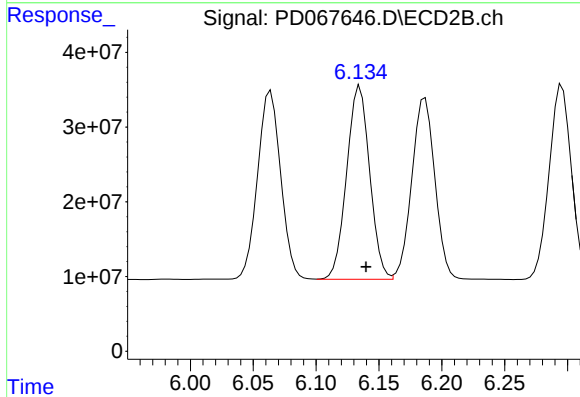
#11 alpha-Chlordane

R.T.: 5.407 min
Delta R.T.: -0.005 min
Response: 127470396
Conc: 52.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

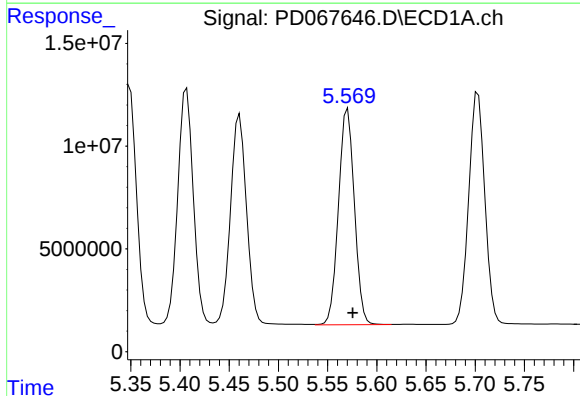
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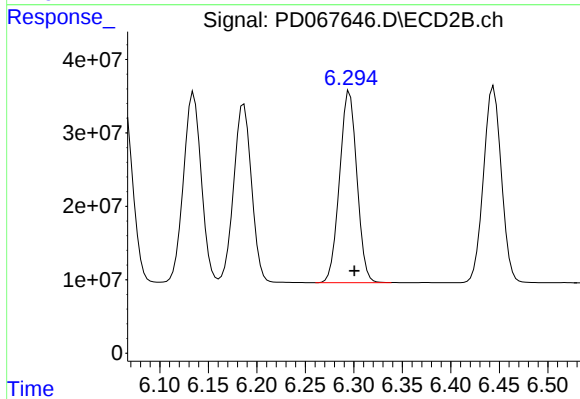
#11 alpha-Chlordane

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 329826979
Conc: 50.88 ng/ml



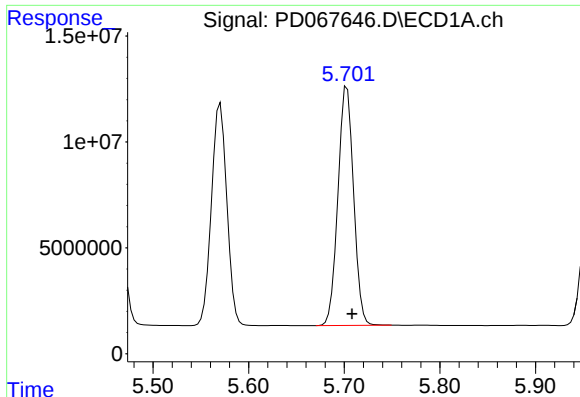
#12 4,4'-DDE

R.T.: 5.570 min
Delta R.T.: -0.005 min
Response: 118266429
Conc: 53.42 ng/ml



#12 4,4'-DDE

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 324465368
Conc: 52.68 ng/ml



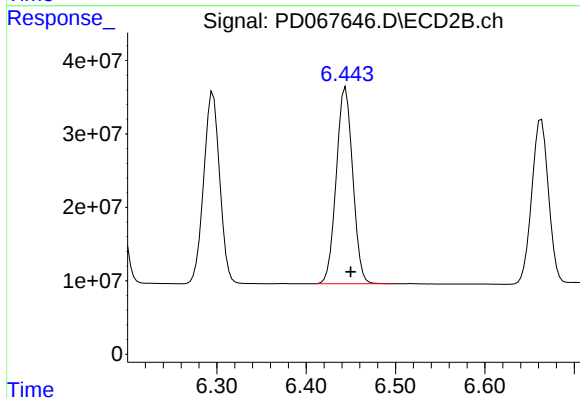
#13 Dieldrin

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 128328203
Conc: 53.15 ng/ml

Instrument :
ECD_D
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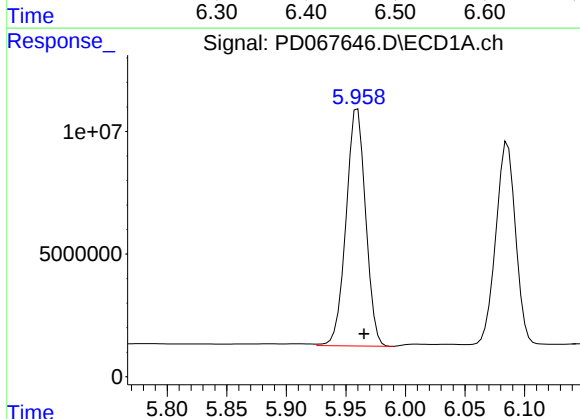
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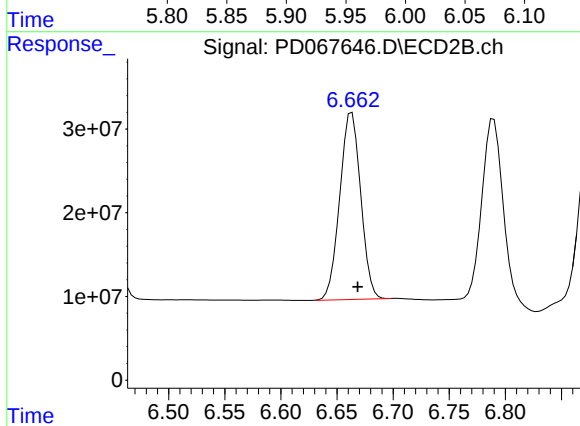
#13 Dieldrin

R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 342271526
Conc: 51.52 ng/ml



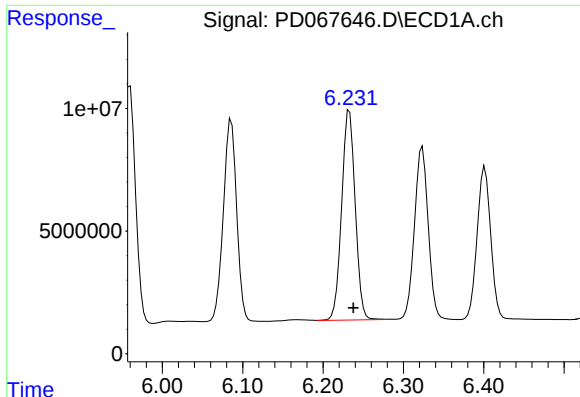
#14 Endrin

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 110632159
Conc: 52.67 ng/ml



#14 Endrin

R.T.: 6.663 min
Delta R.T.: -0.005 min
Response: 289694691
Conc: 52.26 ng/ml



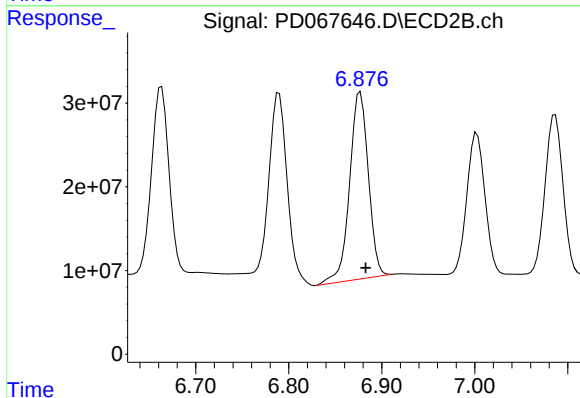
#15 Endosulfan II

R.T.: 6.233 min
Delta R.T.: -0.005 min
Response: 100040116
Conc: 49.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
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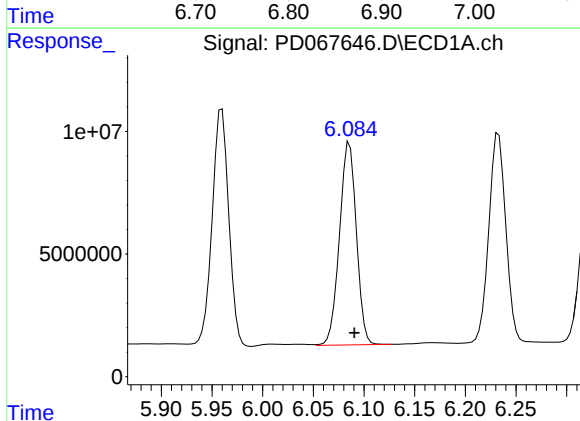
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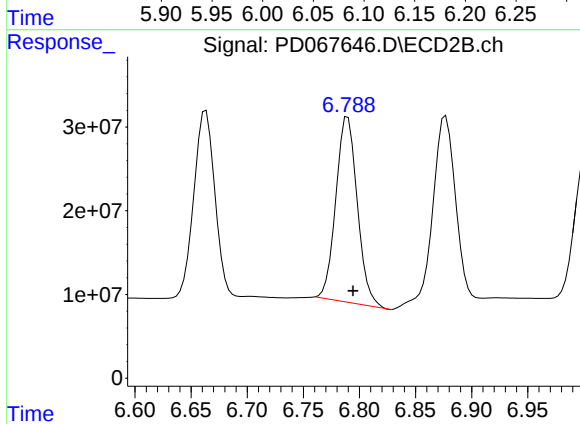
#15 Endosulfan II

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 311686858
Conc: 52.44 ng/ml



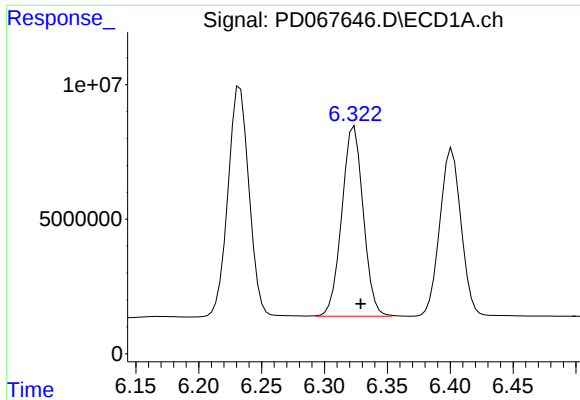
#16 4,4'-DDD

R.T.: 6.086 min
Delta R.T.: -0.005 min
Response: 95668910
Conc: 55.69 ng/ml



#16 4,4'-DDD

R.T.: 6.790 min
Delta R.T.: -0.005 min
Response: 295052018
Conc: 58.94 ng/ml



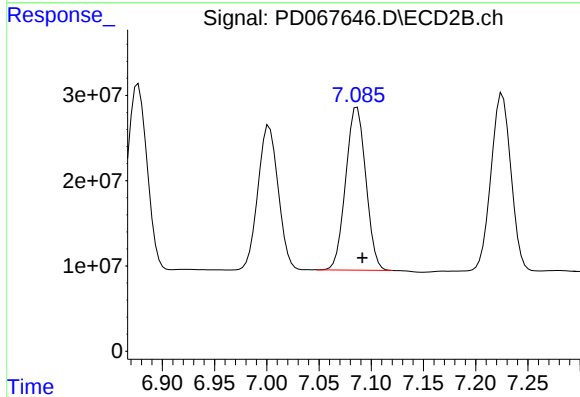
#17 4,4'-DDT

R.T.: 6.322 min
Delta R.T.: -0.006 min
Response: 83648690
Conc: 51.19 ng/ml

Instrument :
ECD_D
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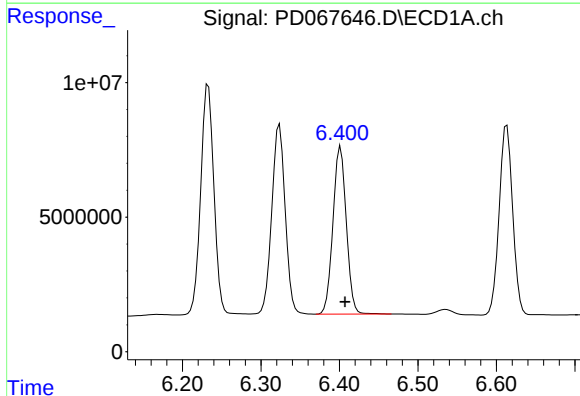
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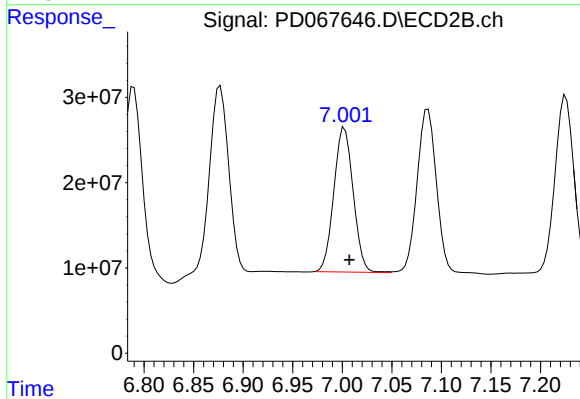
#17 4,4'-DDT

R.T.: 7.085 min
Delta R.T.: -0.006 min
Response: 256572108
Conc: 47.95 ng/ml m



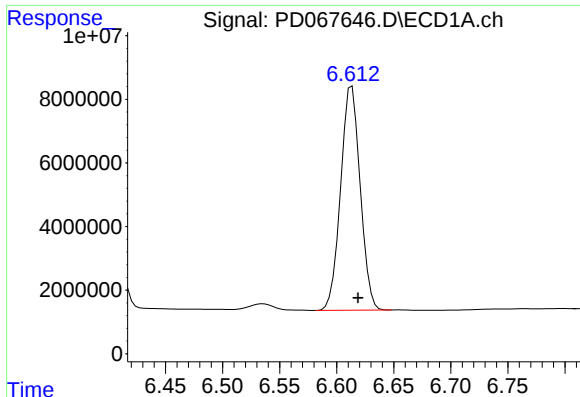
#18 Endrin aldehyde

R.T.: 6.402 min
Delta R.T.: -0.006 min
Response: 73468002
Conc: 48.35 ng/ml



#18 Endrin aldehyde

R.T.: 7.002 min
Delta R.T.: -0.005 min
Response: 230010868
Conc: 50.98 ng/ml



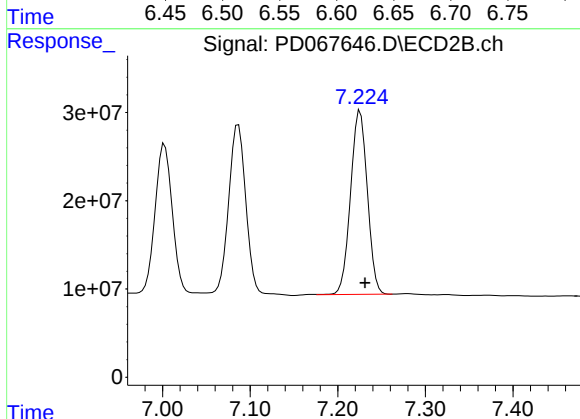
#19 Endosulfan Sulfate

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 84007975
Conc: 52.03 ng/ml

Instrument :
ECD_D
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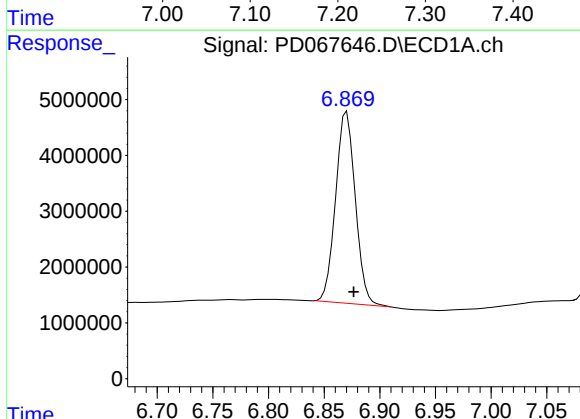
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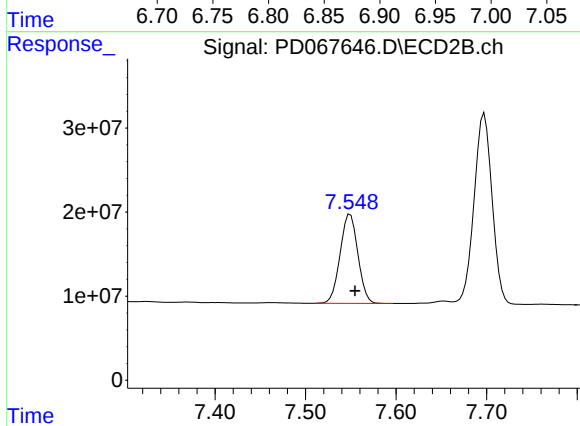
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 277676042
Conc: 50.81 ng/ml



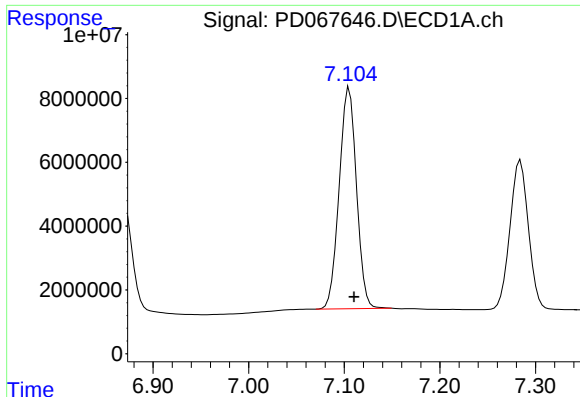
#20 Methoxychlor

R.T.: 6.870 min
Delta R.T.: -0.006 min
Response: 42121629
Conc: 49.62 ng/ml



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: -0.005 min
Response: 144611074
Conc: 49.84 ng/ml



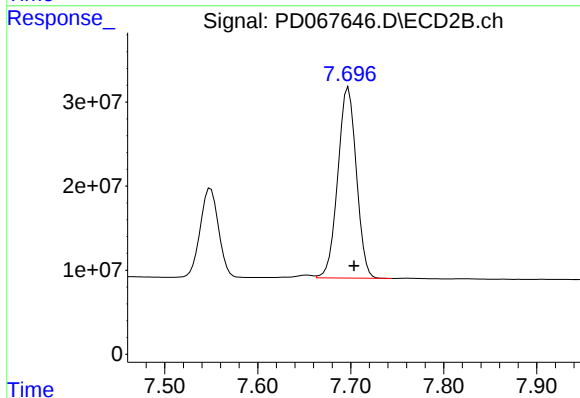
#21 Endrin ketone

R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 87373509
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
FM-E6-01-4.5MS

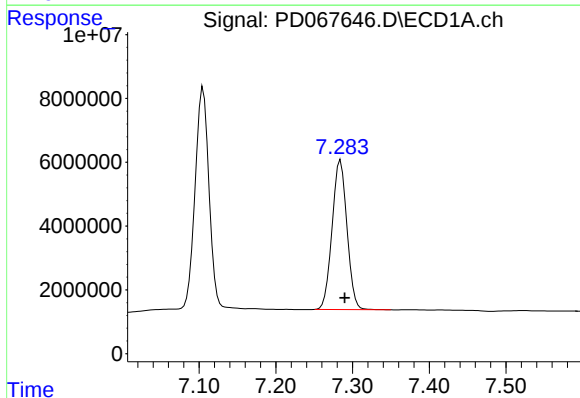
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/10/2022
Supervised By :Ankita Jodhani 01/10/2022



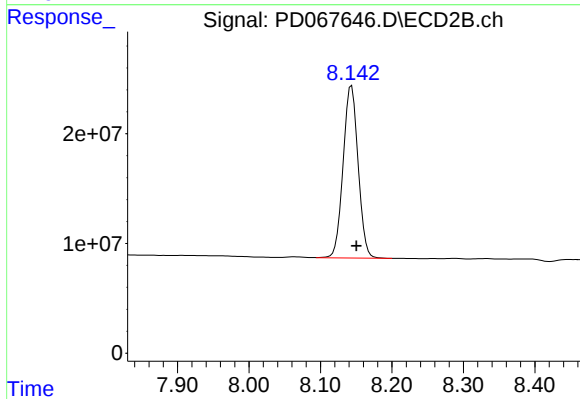
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: -0.006 min
Response: 314218480
Conc: 50.07 ng/ml



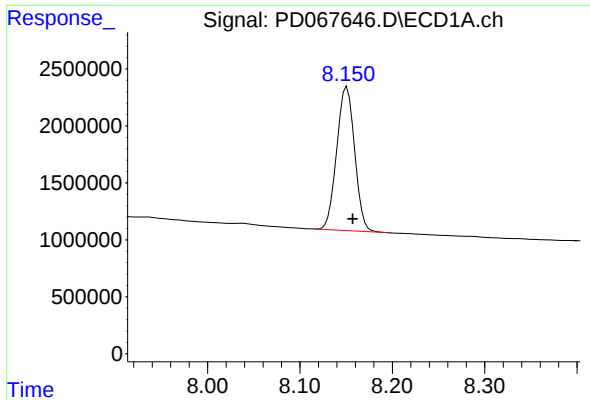
#22 Mirex

R.T.: 7.284 min
Delta R.T.: -0.005 min
Response: 63029935
Conc: 52.70 ng/ml



#22 Mirex

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 229216738
Conc: 52.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.151 min
Delta R.T.: -0.006 min
Response: 17001078
Conc: 19.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

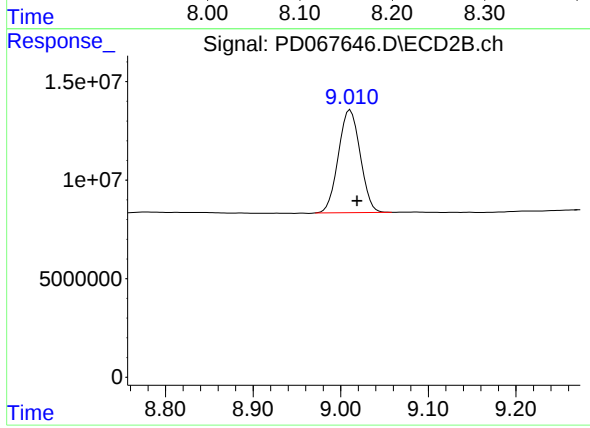
FM-E6-01-4.5MS

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 01/10/2022

Supervised By :Ankita Jodhani 01/10/2022



#28 Decachlorobiphenyl

R.T.: 9.011 min
Delta R.T.: -0.008 min
Response: 90373990
Conc: 19.02 ng/ml