

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062923\
 Data File : PD076228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2023 16:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/30/2023
 Supervised By : Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:39:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.767	99492264	52406396	46.707	48.304
28)	SA Decachlor...	9.087	7.911	108.1E6	47068630	42.658	48.137
Target Compounds							
2)	A alpha-BHC	4.002	3.269	175.4E6	78690253	47.503	49.189
3)	MA gamma-BHC...	4.336	3.599	160.2E6	72649883	47.620	49.307
4)	MA Heptachlor	4.927	3.939	165.4E6	73647488	46.118	48.489
5)	MB Aldrin	5.270	4.219	160.9E6	71855249	45.918	48.186
6)	B beta-BHC	4.532	3.895	66932104	31651570	46.554	49.657
7)	B delta-BHC	4.781	4.125	161.3E6	74791210	48.528	51.616
8)	B Heptachlo...	5.697	4.721	144.3E6	65852871	44.792	47.941
9)	A Endosulfan I	6.084	5.092	133.2E6	60893098	44.413	47.640
10)	B gamma-Chl...	5.954	4.972	146.1E6	66716851	45.348	48.623
11)	B alpha-Chl...	6.033	5.036	144.3E6	65868562	44.634	48.017
12)	B 4,4'-DDE	6.206	5.225	133.2E6	60785101	46.615	54.459
13)	MA Dieldrin	6.360	5.357	141.3E6	65732269	45.221	48.721
14)	MA Endrin	6.591	5.633	118.0E6	57858248	44.122	47.542
15)	B Endosulfa...	6.810	5.926	113.2E6	52902428	43.826	49.036
16)	A 4,4'-DDD	6.724	5.780	110.1E6	51933748	48.380	58.931
17)	MA 4,4'-DDT	7.039	6.032	104.7E6	45870344	46.138	56.470
18)	B Endrin al...	6.939	6.106	86855491	41571499	43.285m	48.032
19)	B Endosulfa...	7.175	6.329	112.6E6	53801194	44.704	49.788
20)	A Methoxychlor	7.514	6.607	57248774	25921484	44.228	56.005 #
21)	B Endrin ke...	7.662	6.835	127.7E6	60925154	45.832	50.146
22)	Mirex	8.137	7.018	91912734	47648378	42.899	45.456

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062923\
Data File : PD076228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jun 2023 16:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

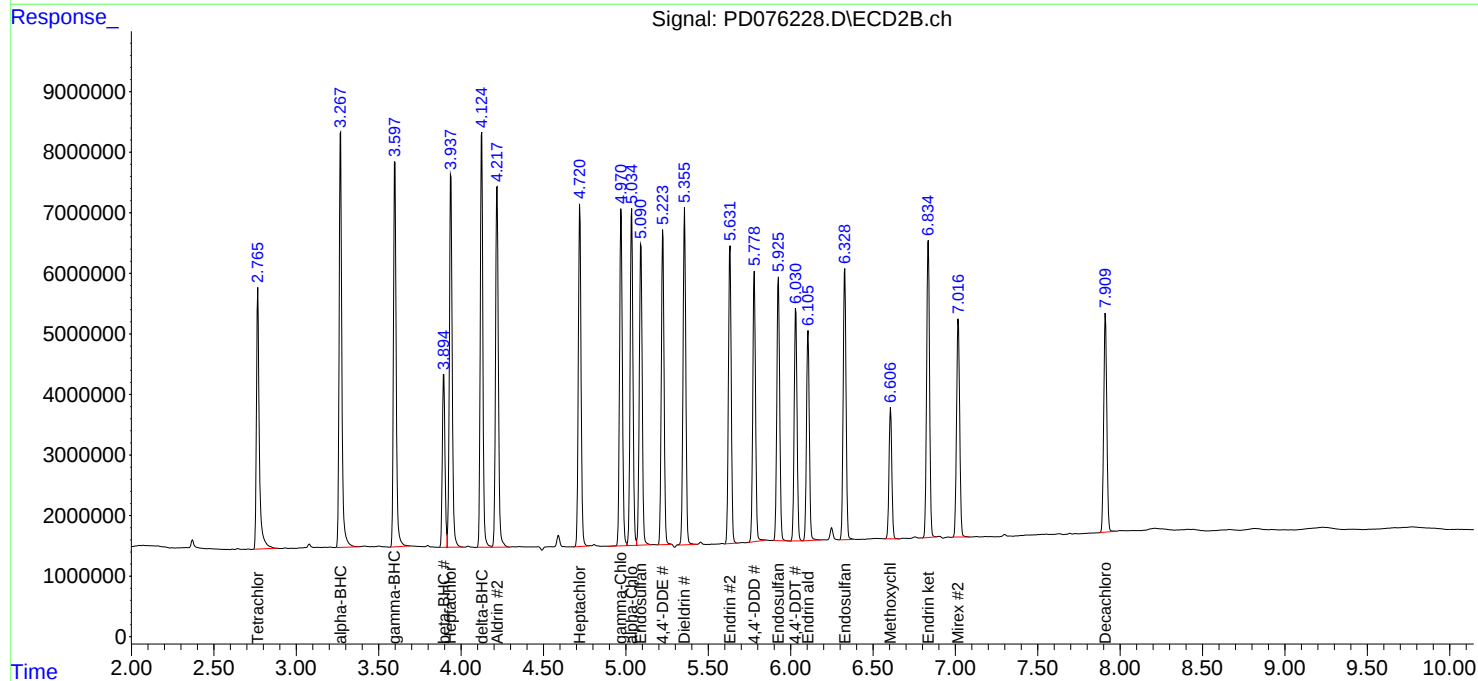
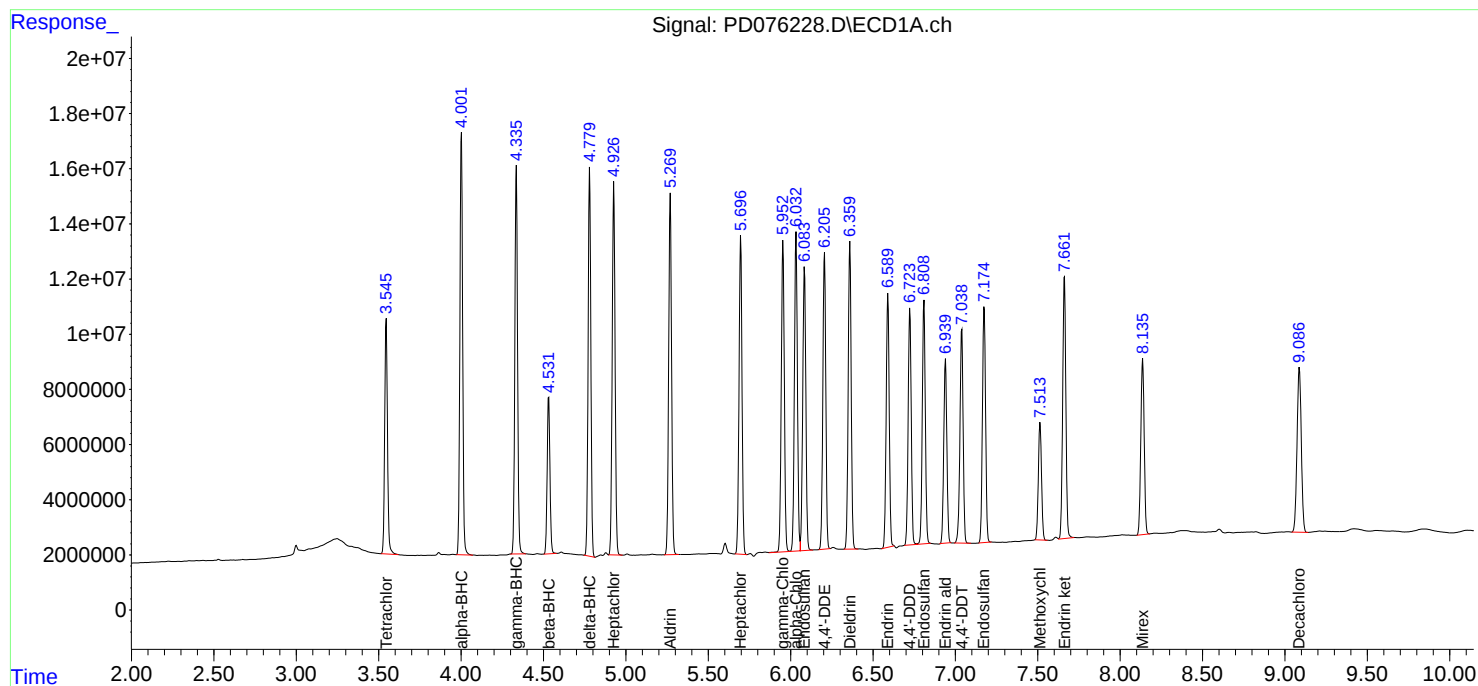
APPROVED

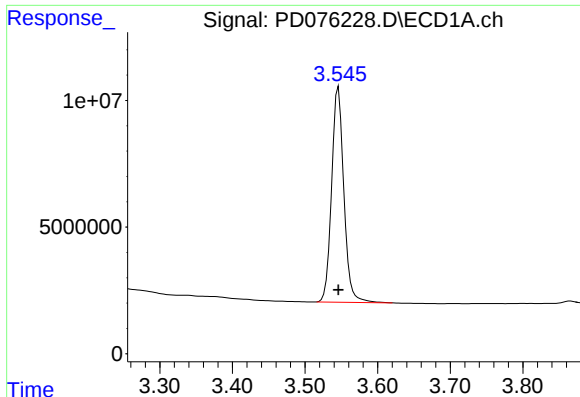
Reviewed By :Abdul Mirza 06/30/2023

Supervised By :Ankita Jodhani 06/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 29 20:39:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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





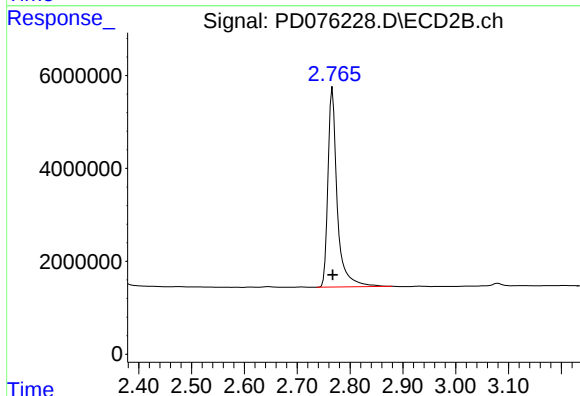
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 99492264
Conc: 46.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

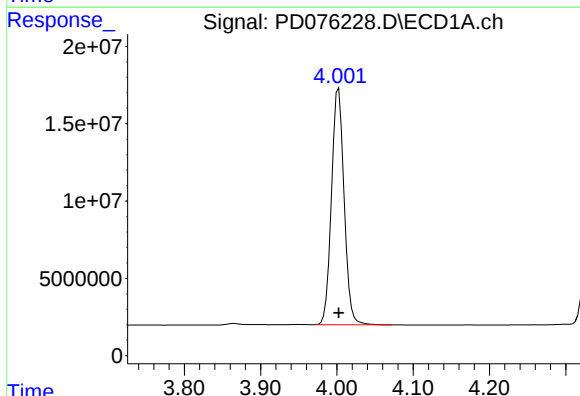
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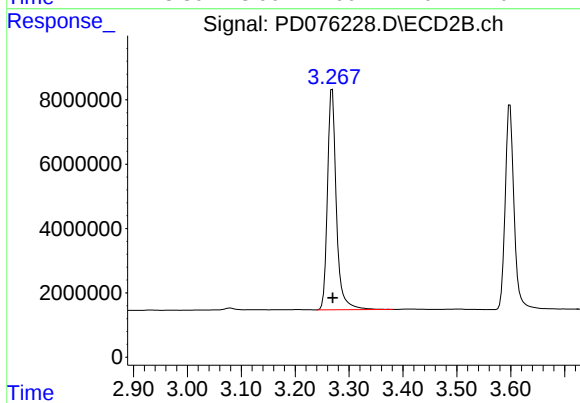
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 52406396
Conc: 48.30 ng/ml



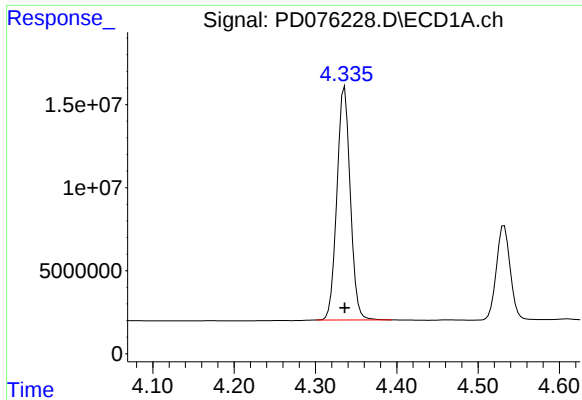
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 175386933
Conc: 47.50 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 78690253
Conc: 49.19 ng/ml



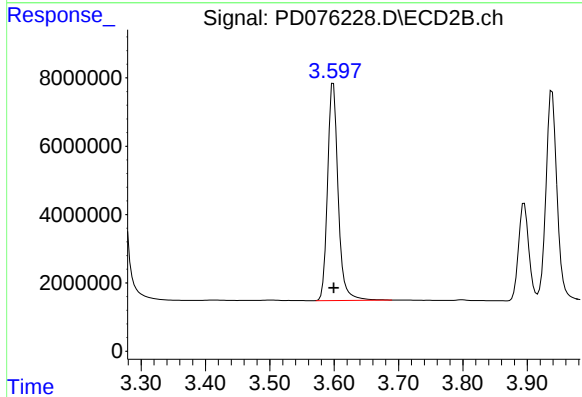
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 160236174
Conc: 47.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

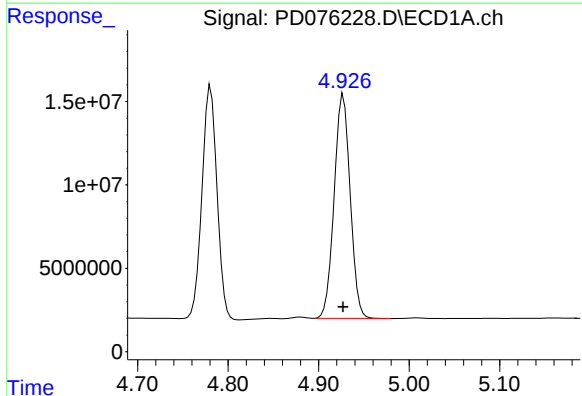
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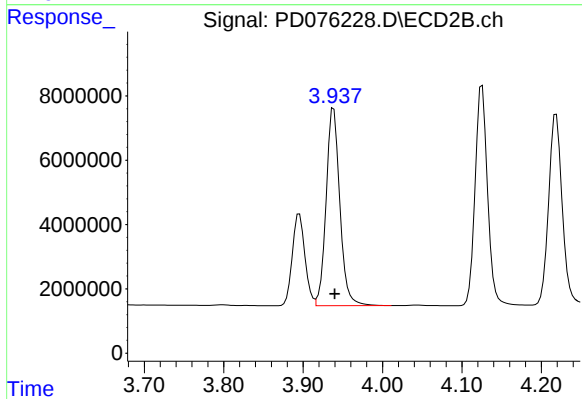
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 72649883
Conc: 49.31 ng/ml



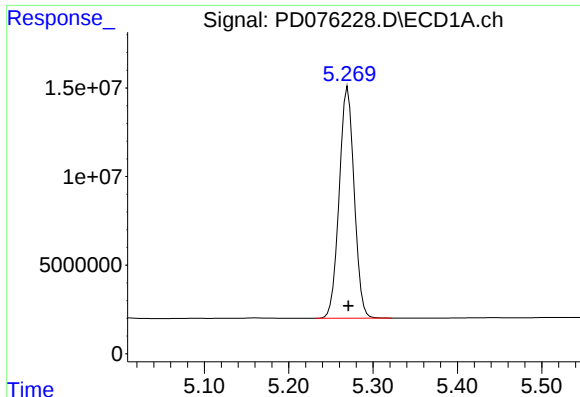
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 165407747
Conc: 46.12 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.001 min
Response: 73647488
Conc: 48.49 ng/ml



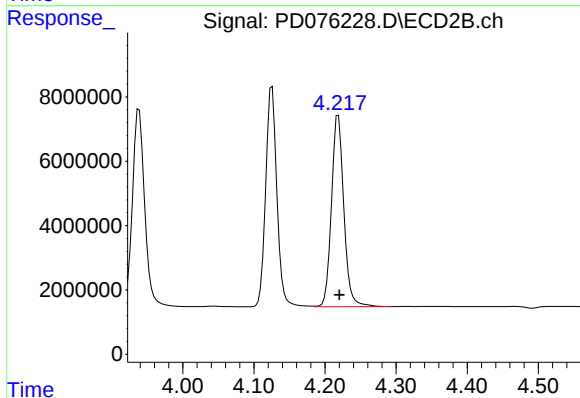
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 160907193
Conc: 45.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

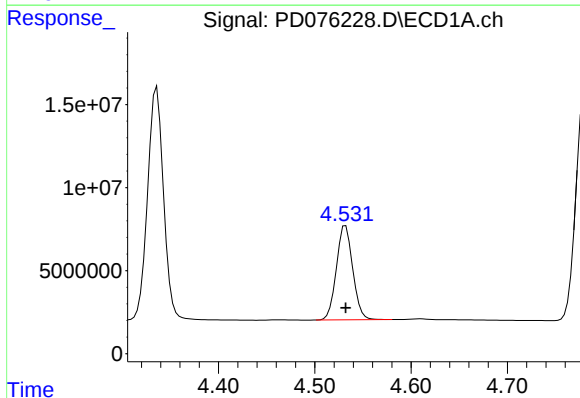
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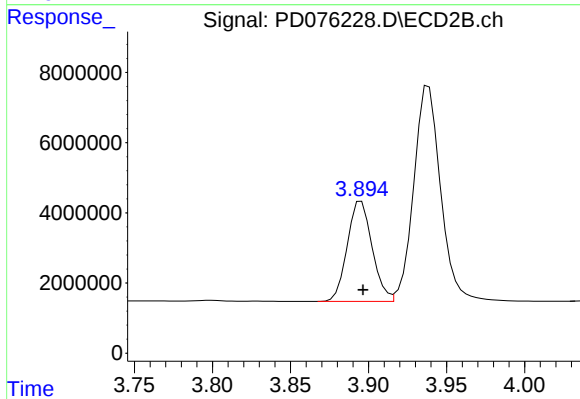
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 71855249
Conc: 48.19 ng/ml



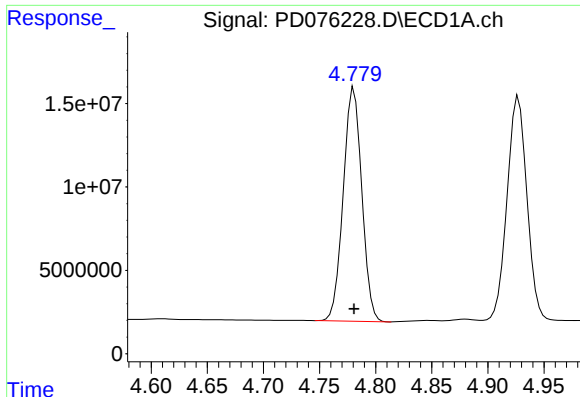
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 66932104
Conc: 46.55 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 31651570
Conc: 49.66 ng/ml



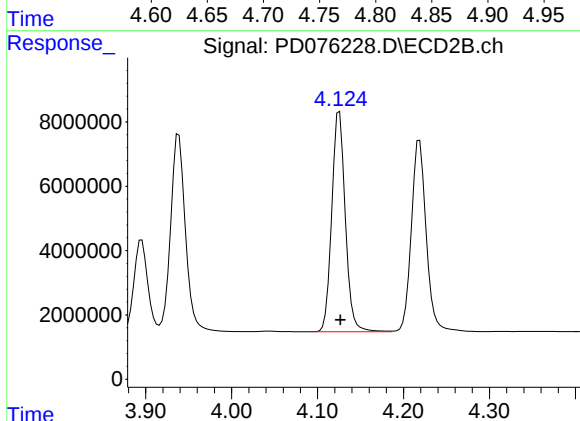
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 161289569
Conc: 48.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

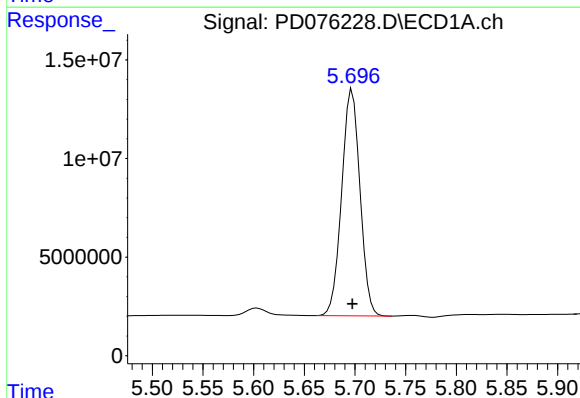
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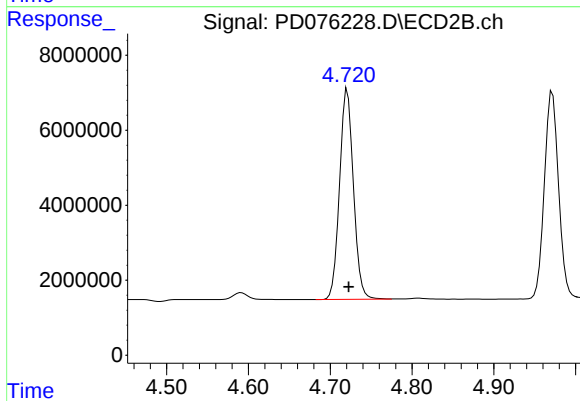
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 74791210
Conc: 51.62 ng/ml



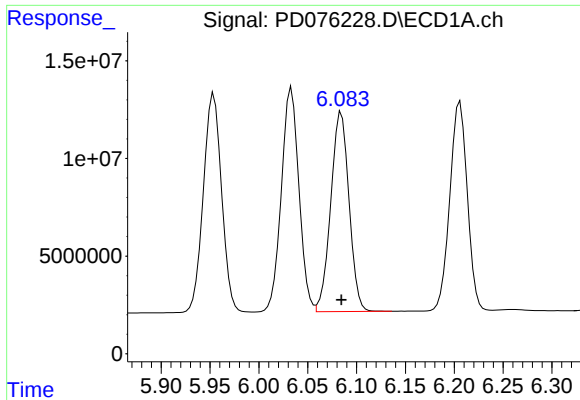
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 144333411
Conc: 44.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 65852871
Conc: 47.94 ng/ml



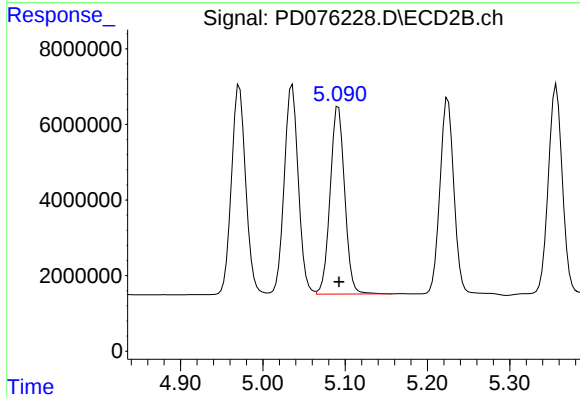
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 133216247
Conc: 44.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

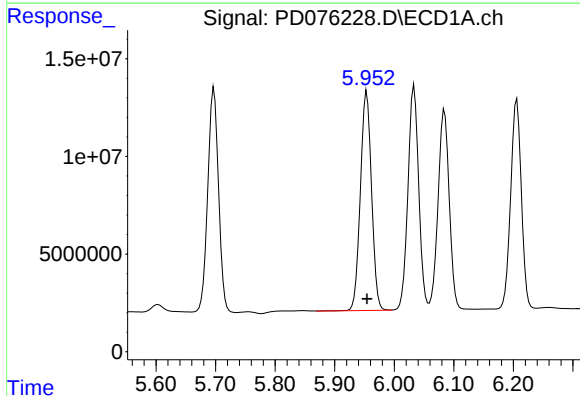
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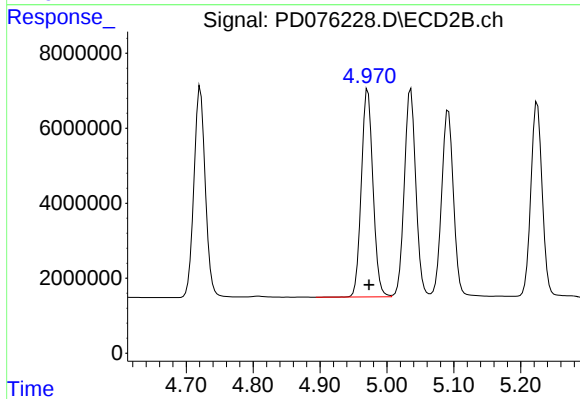
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 60893098
Conc: 47.64 ng/ml



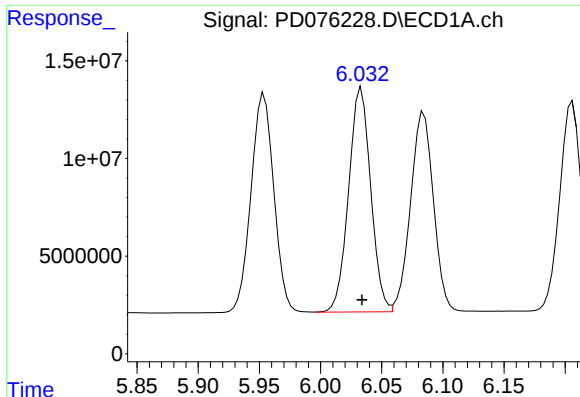
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 146081827
Conc: 45.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 66716851
Conc: 48.62 ng/ml



#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 144296977
Conc: 44.63 ng/ml

Instrument :

ECD_D

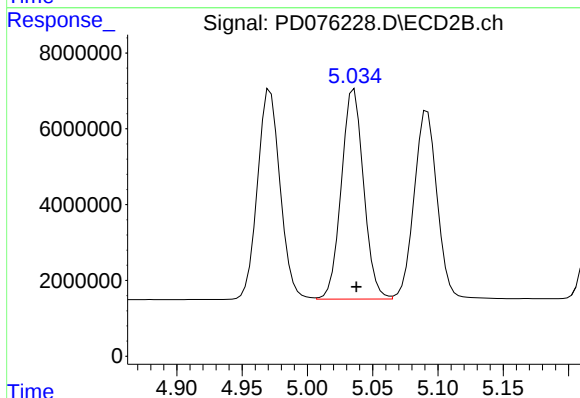
ClientSampleId :

PSTDCCC050

Manual Integrations

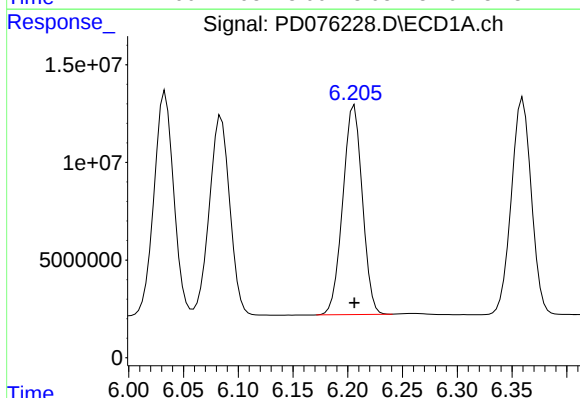
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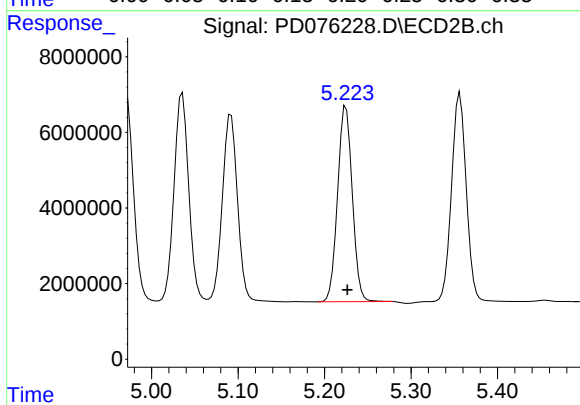
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 65868562
Conc: 48.02 ng/ml



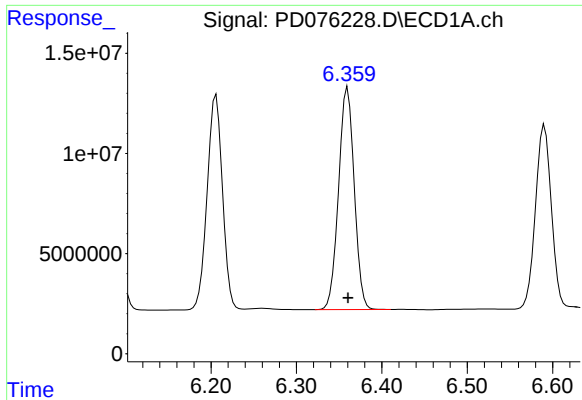
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 133232256
Conc: 46.61 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 60785101
Conc: 54.46 ng/ml



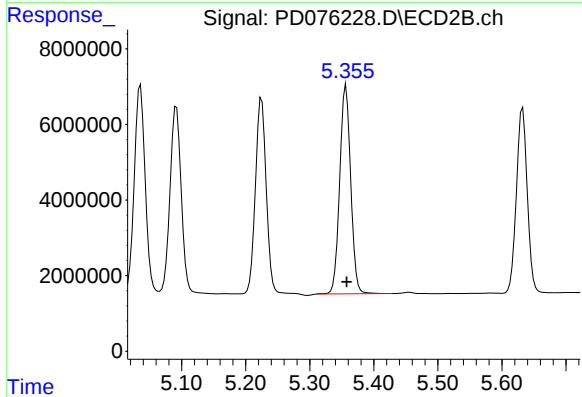
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 141313617
Conc: 45.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

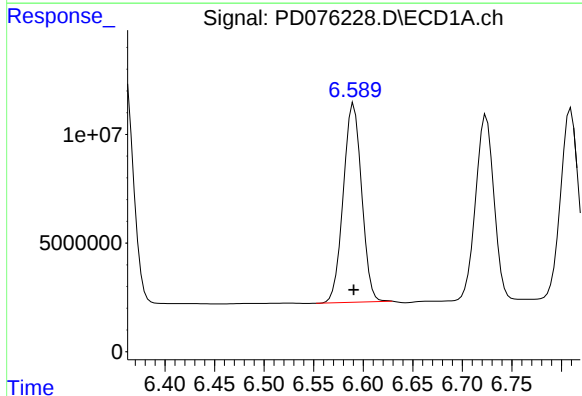
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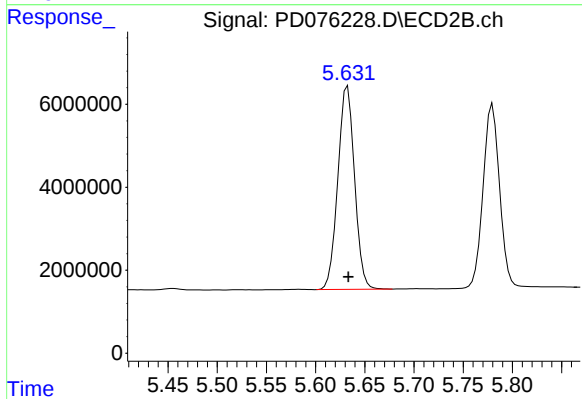
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.001 min
Response: 65732269
Conc: 48.72 ng/ml



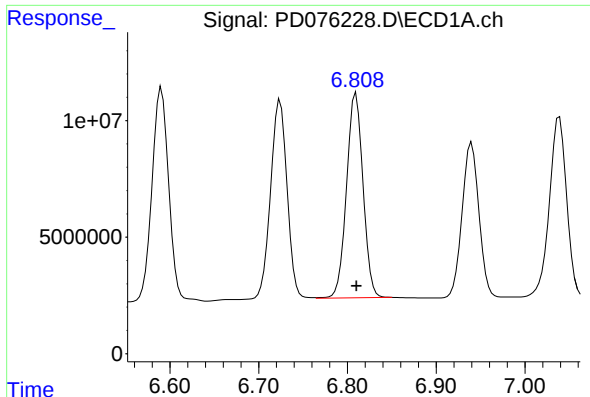
#14 Endrin

R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 117998089
Conc: 44.12 ng/ml



#14 Endrin

R.T.: 5.633 min
Delta R.T.: 0.000 min
Response: 57858248
Conc: 47.54 ng/ml



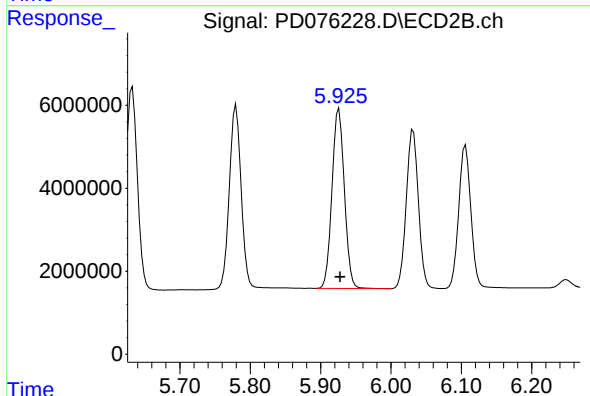
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 113231396
Conc: 43.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

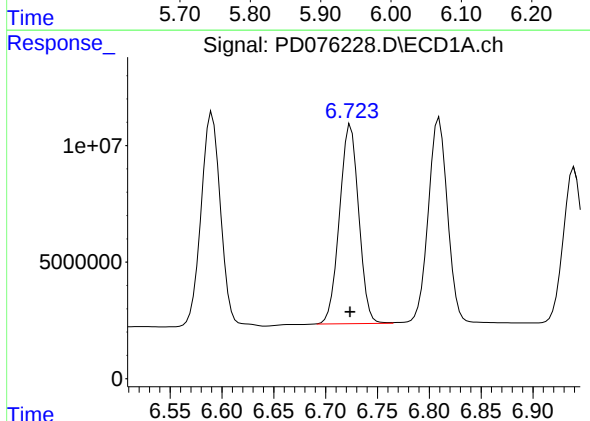
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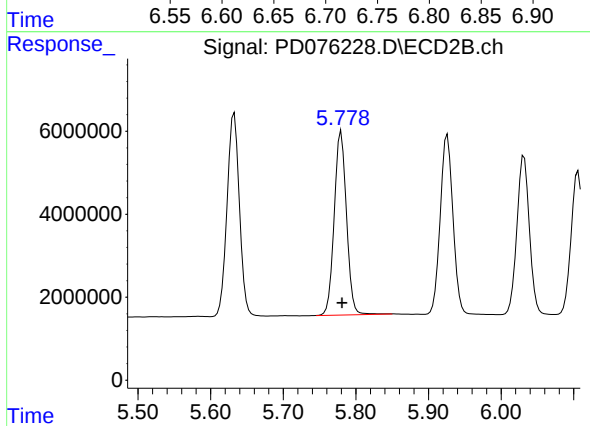
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 52902428
Conc: 49.04 ng/ml



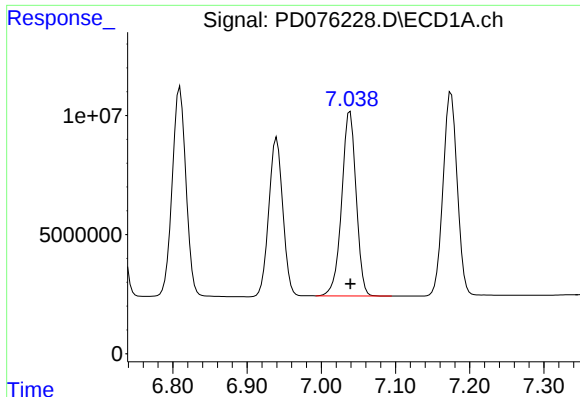
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 110096088
Conc: 48.38 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 51933748
Conc: 58.93 ng/ml



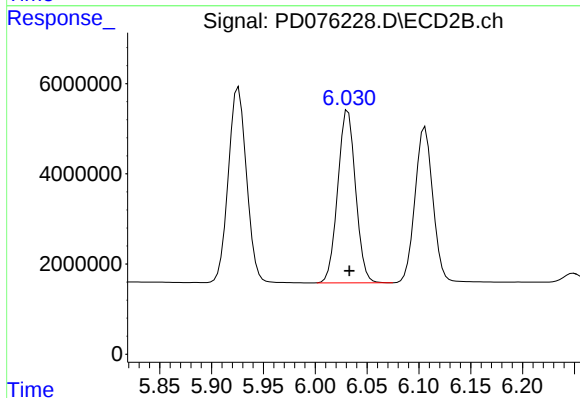
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 104699598
Conc: 46.14 ng/ml

Instrument :
ECD_D
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PSTDCCC050

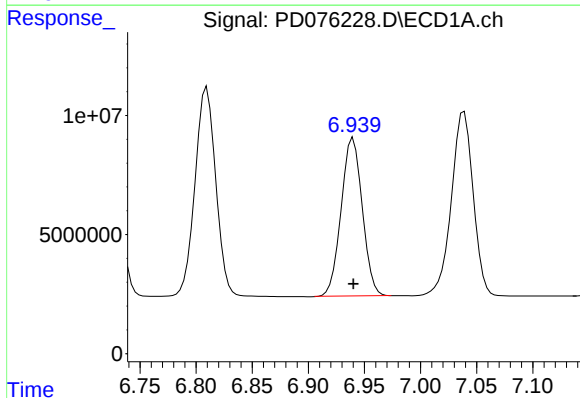
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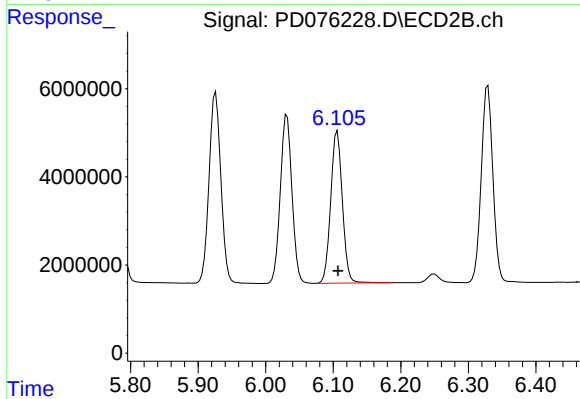
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 45870344
Conc: 56.47 ng/ml



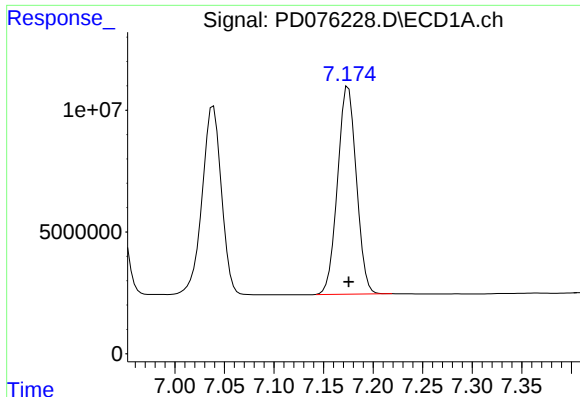
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.002 min
Response: 86855491
Conc: 43.29 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 41571499
Conc: 48.03 ng/ml



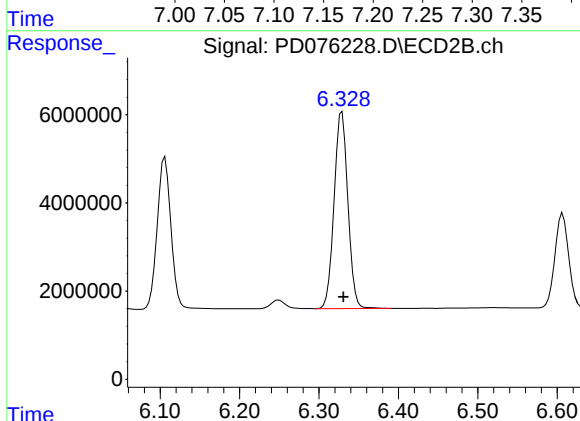
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 112626328
Conc: 44.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
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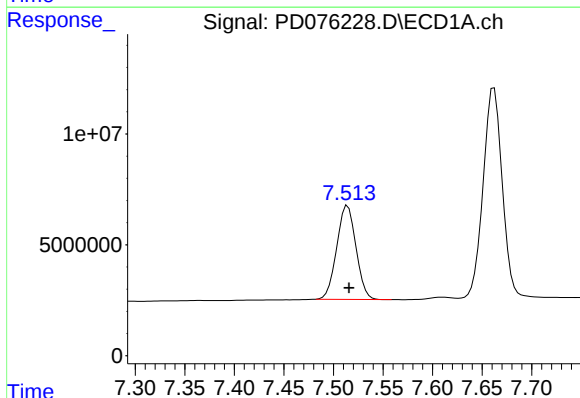
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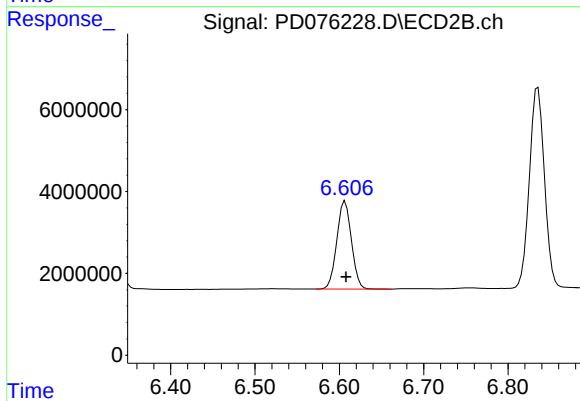
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 53801194
Conc: 49.79 ng/ml



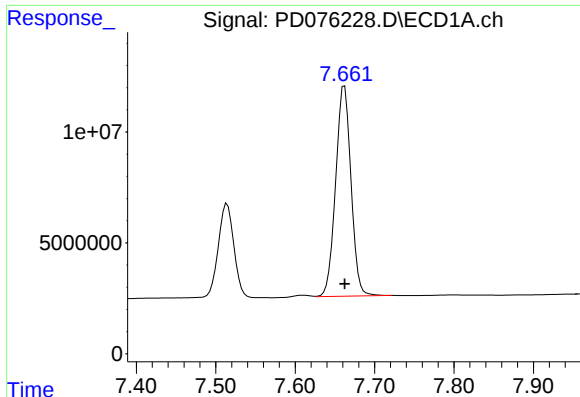
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: -0.001 min
Response: 57248774
Conc: 44.23 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 25921484
Conc: 56.00 ng/ml



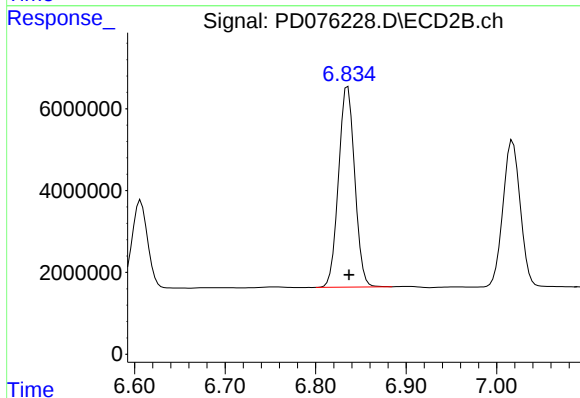
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 127684586
Conc: 45.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

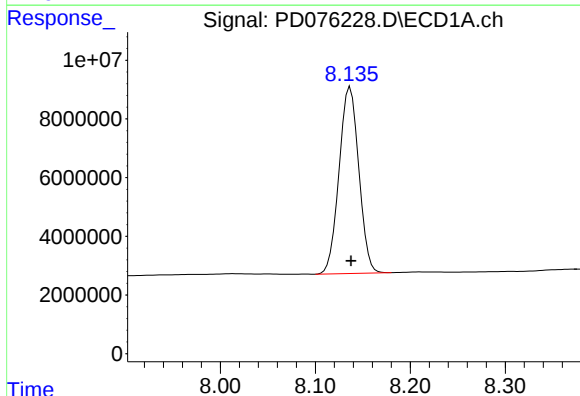
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/30/2023
Supervised By :Ankita Jodhani 06/30/2023



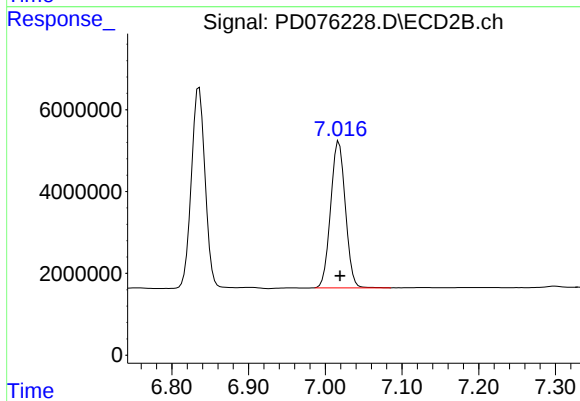
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: -0.001 min
Response: 60925154
Conc: 50.15 ng/ml



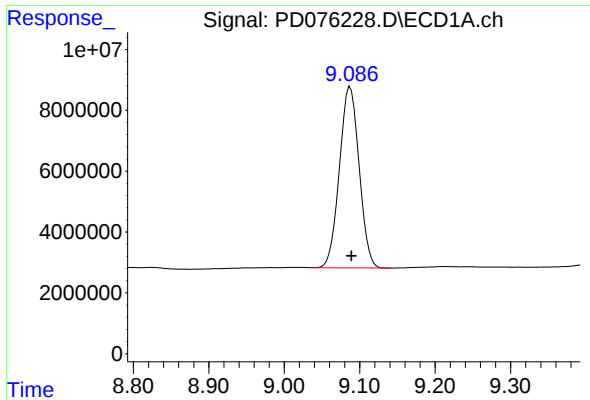
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.001 min
Response: 91912734
Conc: 42.90 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.001 min
Response: 47648378
Conc: 45.46 ng/ml



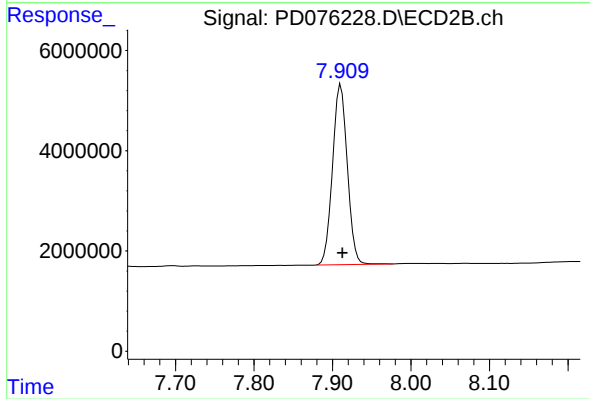
#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: -0.002 min
Response: 108068046
Conc: 42.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.002 min
Response: 47068630
Conc: 48.14 ng/ml