

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102522\
 Data File : PD072615.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2022 14:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/26/2022
 Supervised By : Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:47:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 04:17:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	2.705	3.466	116.2E6	1799.0E6	46.626	54.093
28)	SA Decachlor...	7.838	8.920	99342049	470.2E6	44.137	52.261
Target Compounds							
2)	A alpha-BHC	3.210	3.931	192.6E6	2423.6E6	48.916	52.929
3)	MA gamma-BHC...	3.541	4.265	145.0E6	1892.1E6	44.459	51.412
4)	MA Heptachlor	3.873	4.831	166.1E6	1304.7E6	46.433	49.891
5)	MB Aldrin	4.152	5.170	159.6E6	1082.7E6	46.217	51.343
6)	B beta-BHC	3.843	4.480	65022083	722.6E6	46.172	50.840
7)	B delta-BHC	4.072	4.724	168.0E6	1334.8E6	47.211	47.126
8)	B Heptachlo...	4.658	5.602	139.8E6	906.5E6	45.548	52.100
9)	A Endosulfan I	5.027	5.987	133.2E6	809.5E6	46.243	53.061
10)	B gamma-Chl...	4.906	5.855	144.1E6	856.3E6	45.460	51.975
11)	B alpha-Chl...	4.970	5.931	141.3E6	847.0E6	45.543	52.484
12)	B 4,4'-DDE	5.159	6.104	137.8E6	830.1E6	46.136	54.242
13)	MA Dieldrin	5.293	6.264	141.4E6	836.5E6	46.279	52.937
14)	MA Endrin	5.570	6.495	128.4E6	702.7E6	47.281	52.612
15)	B Endosulfa...	5.867	6.723	129.2E6	684.6E6	52.834m	55.694m
16)	A 4,4'-DDD	5.717	6.629	111.0E6	662.8E6	45.228	53.797
17)	MA 4,4'-DDT	5.966	6.937	114.0E6	700.7E6	48.652	58.779
18)	B Endrin al...	6.051	6.856	96458070	491.6E6	49.042	50.935
19)	B Endosulfa...	6.273	7.089	114.3E6	593.6E6	45.462	52.369
20)	A Methoxychlor	6.549	7.416	62302858	318.7E6	46.312	53.819
21)	B Endrin ke...	6.784	7.579	131.6E6	637.2E6	44.048	51.062
22)	Mirex	6.948	8.026	90995847	416.3E6	42.779	50.076

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

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 Operator : AR\AJ
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ECD_D

ClientSampleId :

PSTDCCC050

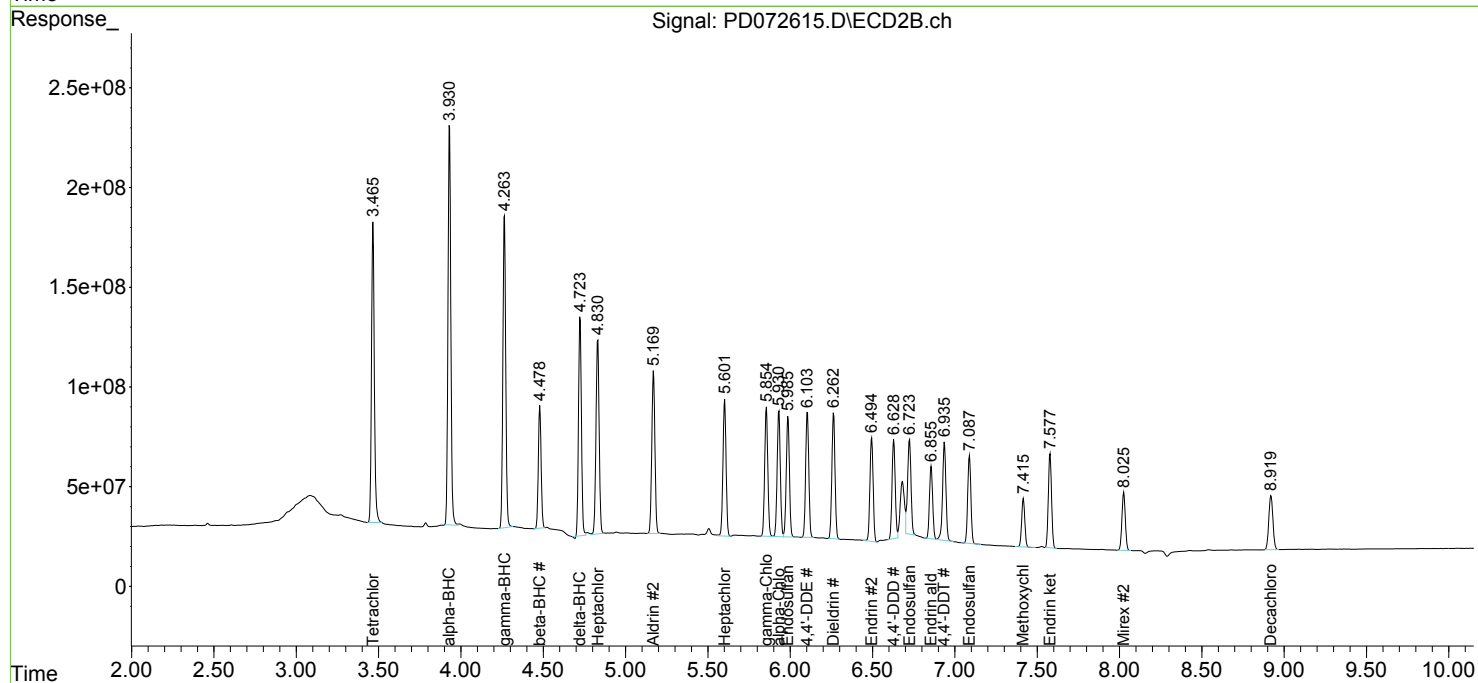
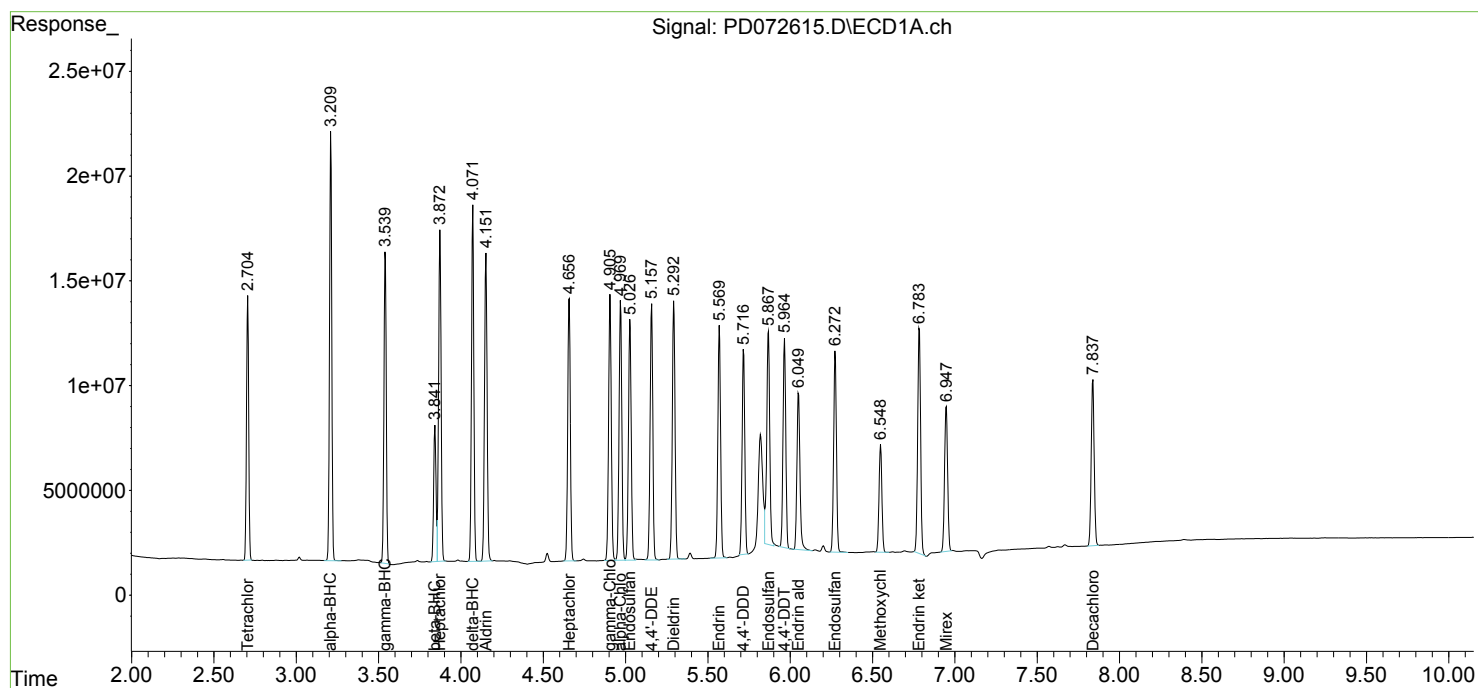
Manual Integrations

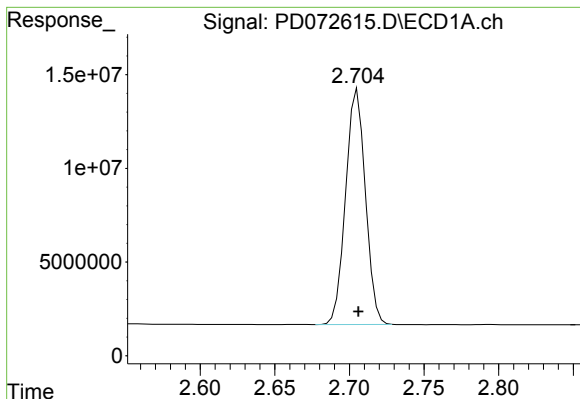
APPROVED

Reviewed By :Abdul Mirza 10/26/2022
 Supervised By :Ankita Jodhani 10/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 21:47:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102022.M
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Volume Inj. : 2 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 x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 2.705 min
Delta R.T.: 0.000 min
Response: 116173544
Conc: 46.63 ng/ml

Instrument :

ECD_D

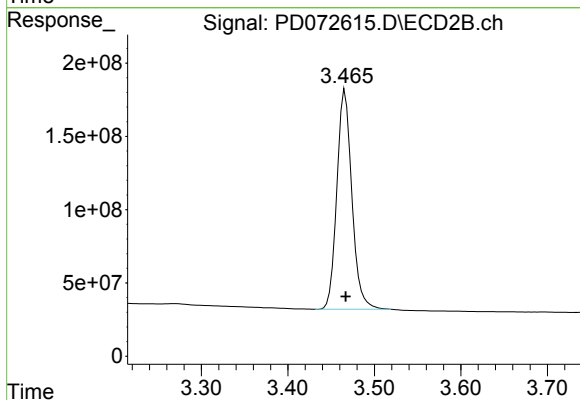
ClientSampleId :

PSTDCCC050

Manual Integrations

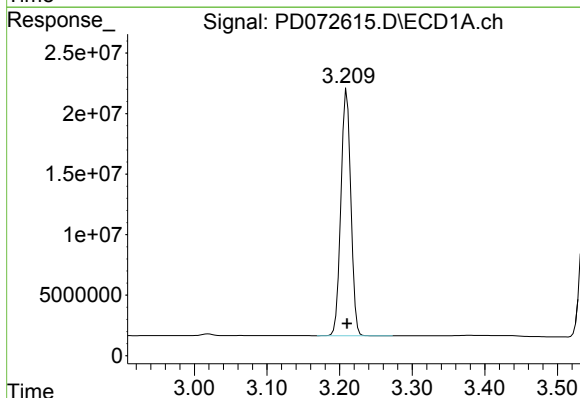
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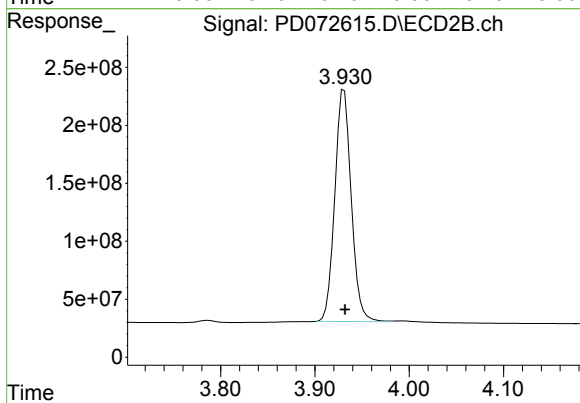
#1 Tetrachloro-m-xylene

R.T.: 3.466 min
Delta R.T.: 0.000 min
Response: 1798994825
Conc: 54.09 ng/ml



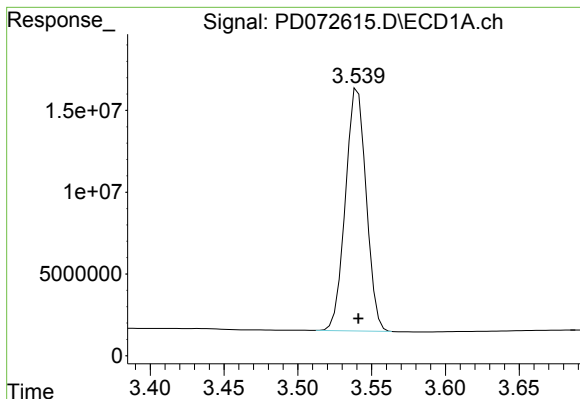
#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 192627591
Conc: 48.92 ng/ml



#2 alpha-BHC

R.T.: 3.931 min
Delta R.T.: -0.001 min
Response: 2423583499
Conc: 52.93 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 145048015
Conc: 44.46 ng/ml

Instrument :

ECD_D

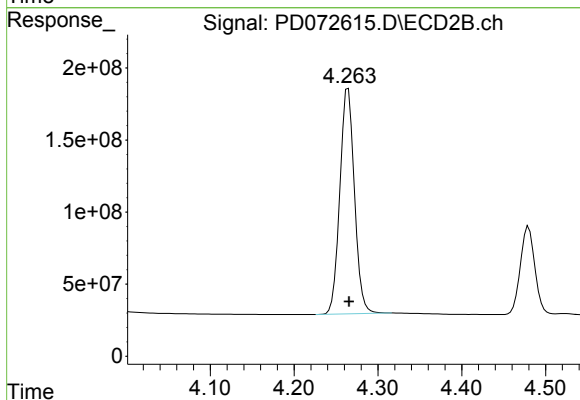
ClientSampleId :

PSTDCCC050

Manual Integrations

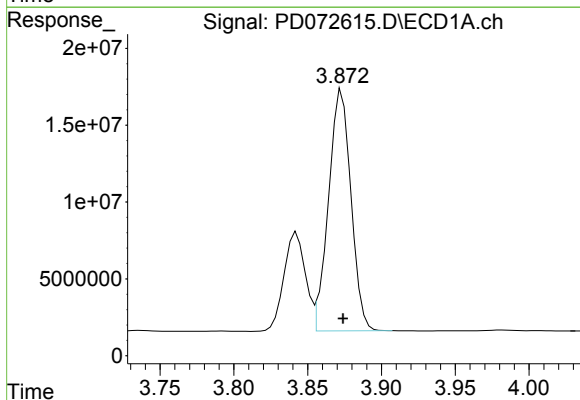
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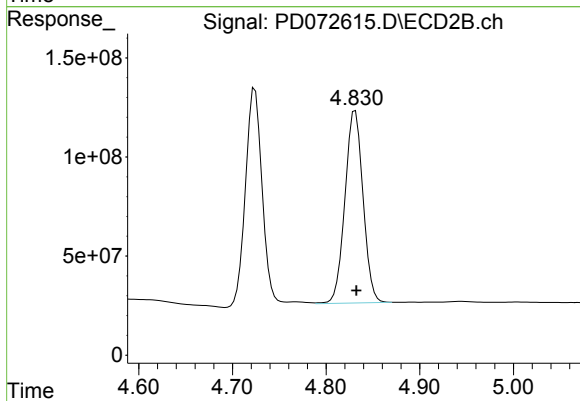
#3 gamma-BHC (Lindane)

R.T.: 4.265 min
Delta R.T.: 0.000 min
Response: 1892089105
Conc: 51.41 ng/ml



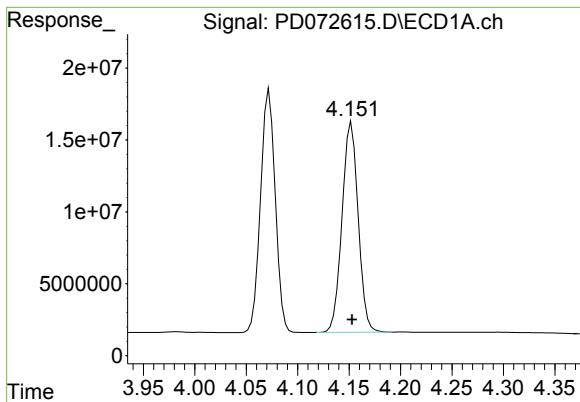
#4 Heptachlor

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 166122832
Conc: 46.43 ng/ml



#4 Heptachlor

R.T.: 4.831 min
Delta R.T.: -0.001 min
Response: 1304673359
Conc: 49.89 ng/ml



#5 Aldrin

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 159591565
Conc: 46.22 ng/ml

Instrument :

ECD_D

ClientSampleId :

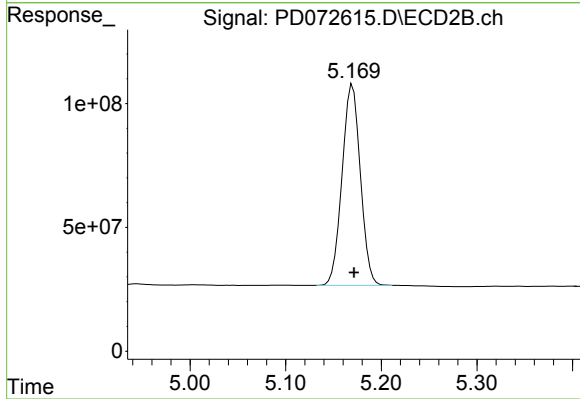
PSTDCCC050

Manual Integrations

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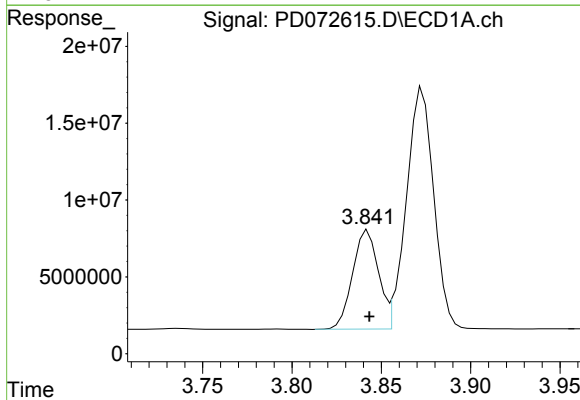
Reviewed By :Abdul Mirza 10/26/2022

Supervised By :Ankita Jodhani 10/27/2022



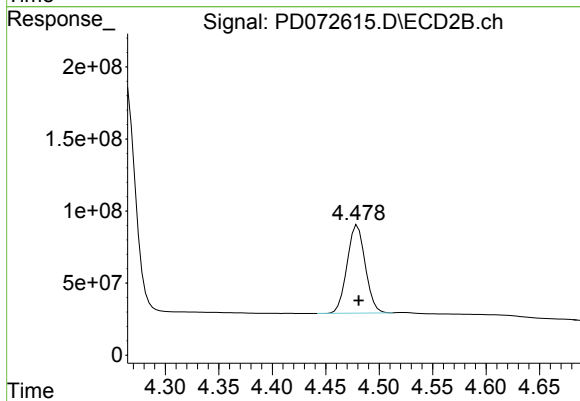
#5 Aldrin

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 1082735794
Conc: 51.34 ng/ml



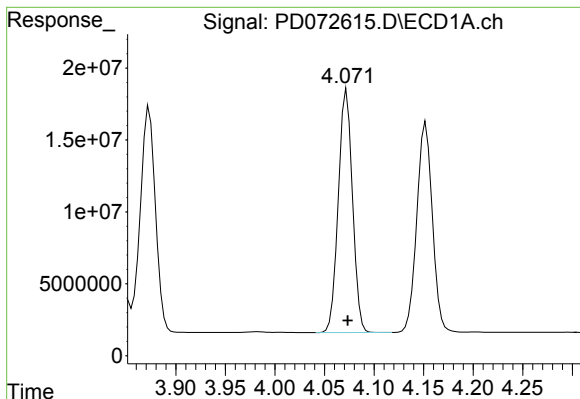
#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 65022083
Conc: 46.17 ng/ml



#6 beta-BHC

R.T.: 4.480 min
Delta R.T.: -0.001 min
Response: 722634023
Conc: 50.84 ng/ml



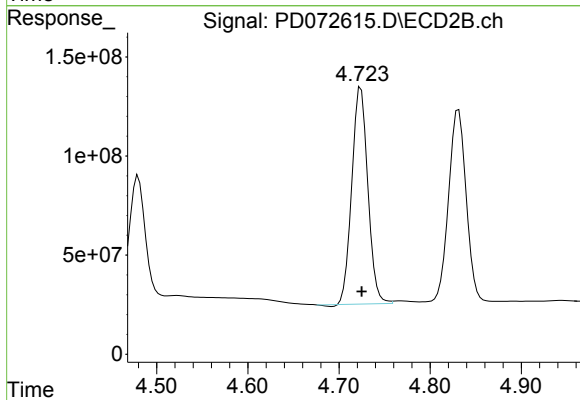
#7 delta-BHC

R.T.: 4.072 min
Delta R.T.: -0.001 min
Response: 167978200
Conc: 47.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

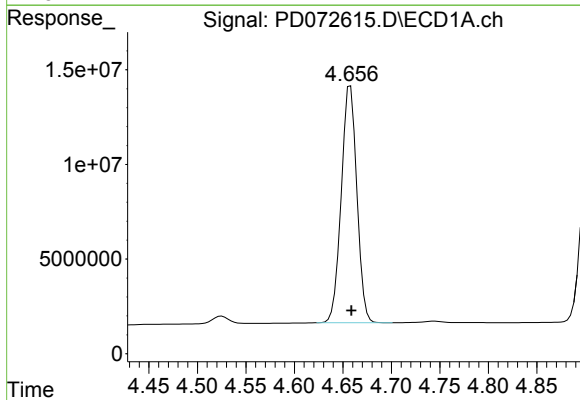
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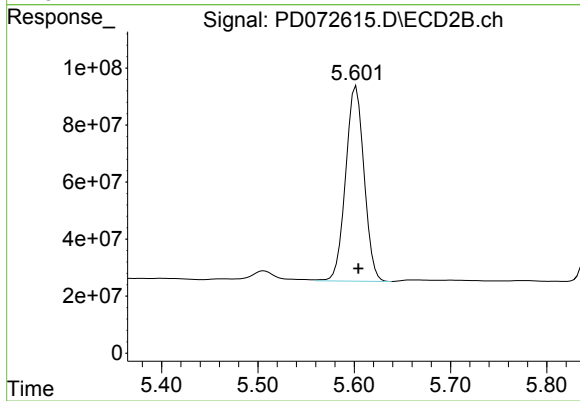
#7 delta-BHC

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 1334781663
Conc: 47.13 ng/ml



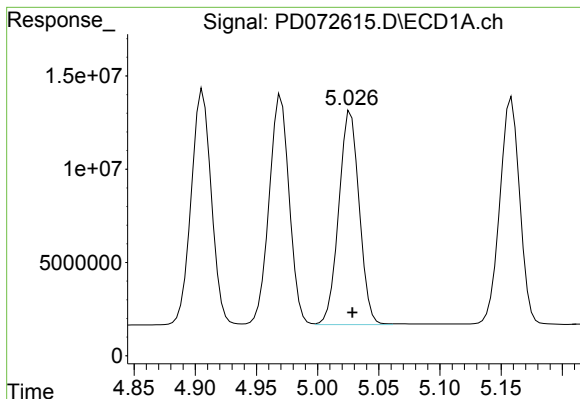
#8 Heptachlor epoxide

R.T.: 4.658 min
Delta R.T.: -0.001 min
Response: 139831698
Conc: 45.55 ng/ml



#8 Heptachlor epoxide

R.T.: 5.602 min
Delta R.T.: -0.002 min
Response: 906528956
Conc: 52.10 ng/ml



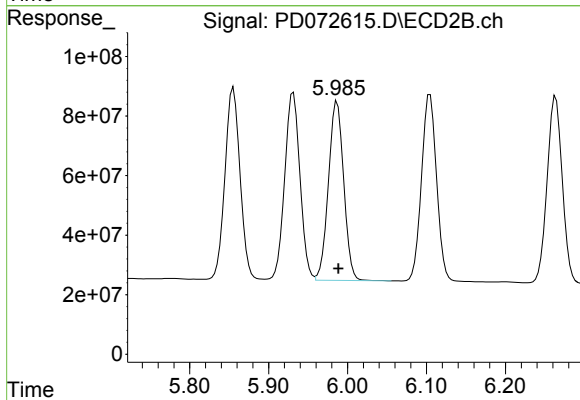
#9 Endosulfan I

R.T.: 5.027 min
Delta R.T.: -0.001 min
Response: 133234081
Conc: 46.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

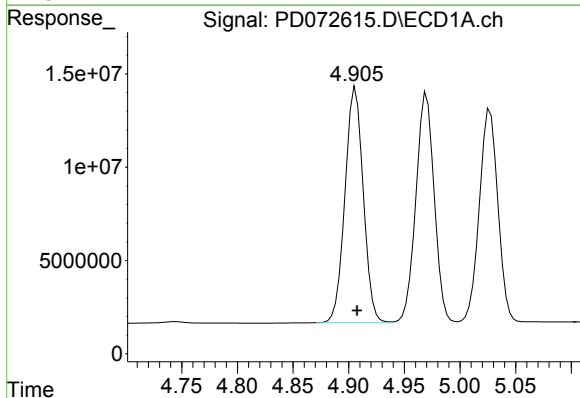
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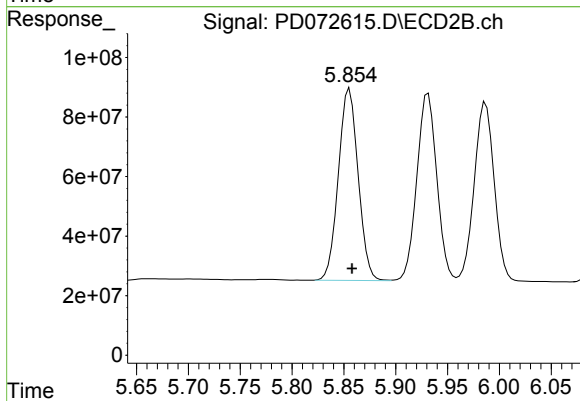
#9 Endosulfan I

R.T.: 5.987 min
Delta R.T.: -0.002 min
Response: 809492747
Conc: 53.06 ng/ml



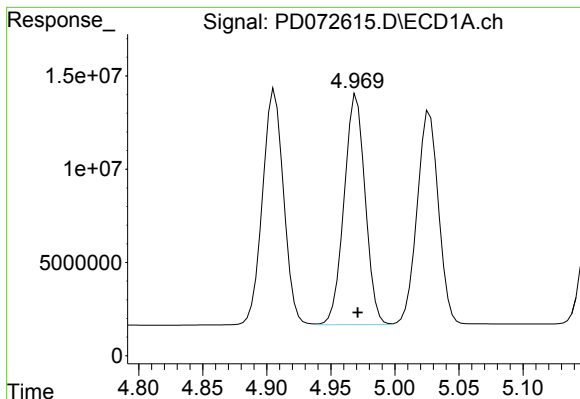
#10 gamma-Chlordane

R.T.: 4.906 min
Delta R.T.: -0.001 min
Response: 144111022
Conc: 45.46 ng/ml



#10 gamma-Chlordane

R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 856297052
Conc: 51.98 ng/ml



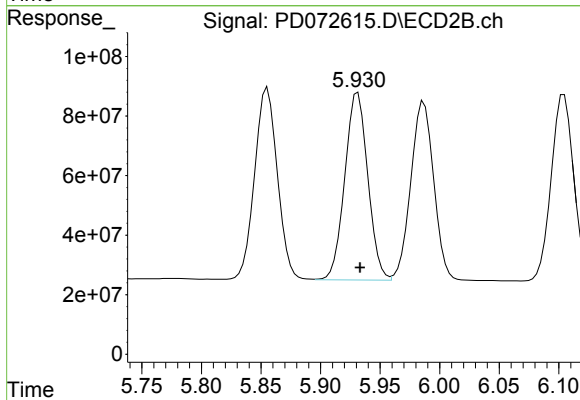
#11 alpha-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 141290172
Conc: 45.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

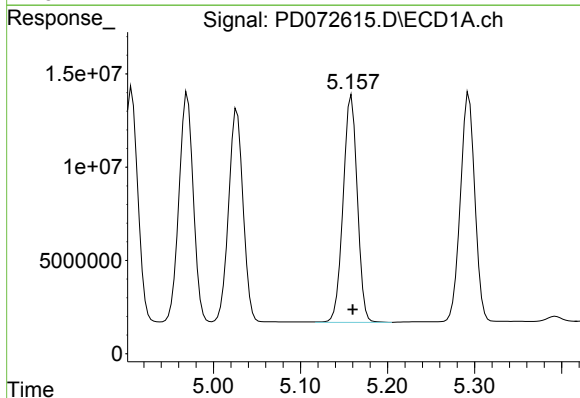
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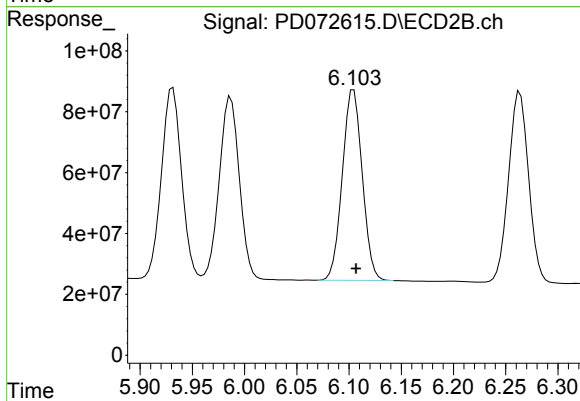
#11 alpha-Chlordane

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 847025417
Conc: 52.48 ng/ml



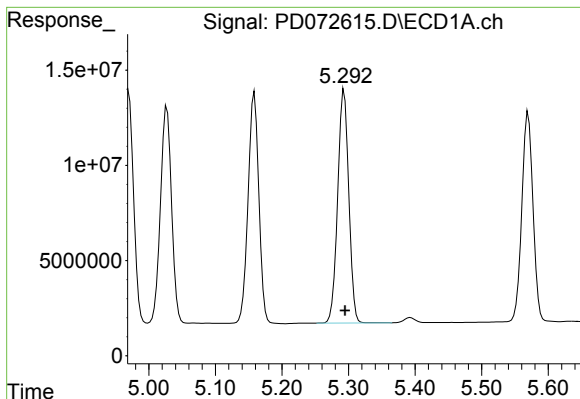
#12 4,4'-DDE

R.T.: 5.159 min
Delta R.T.: -0.001 min
Response: 137824088
Conc: 46.14 ng/ml



#12 4,4'-DDE

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 830086267
Conc: 54.24 ng/ml



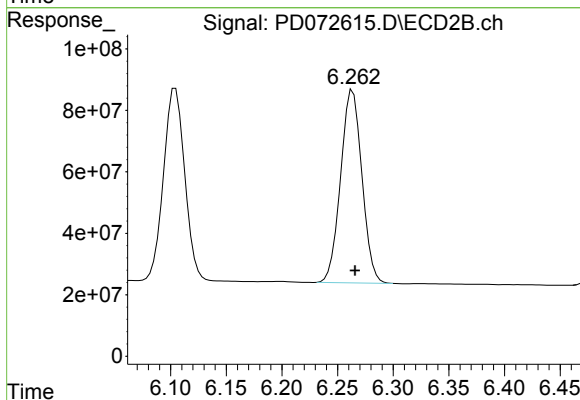
#13 Dieldrin

R.T.: 5.293 min
Delta R.T.: -0.001 min
Response: 141411368
Conc: 46.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

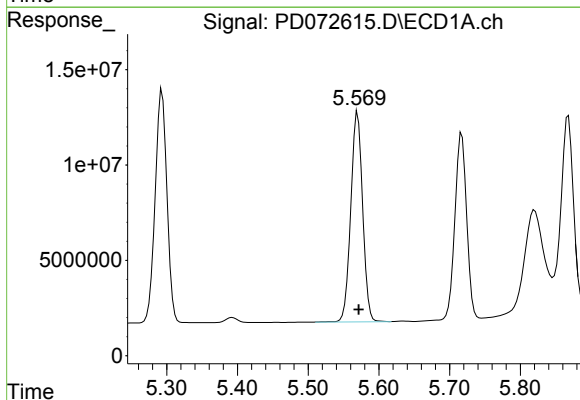
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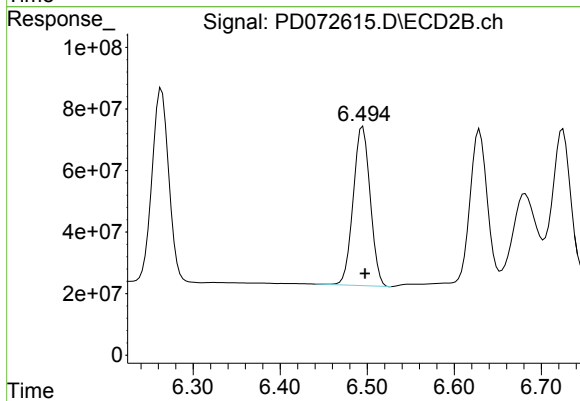
#13 Dieldrin

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 836505006
Conc: 52.94 ng/ml



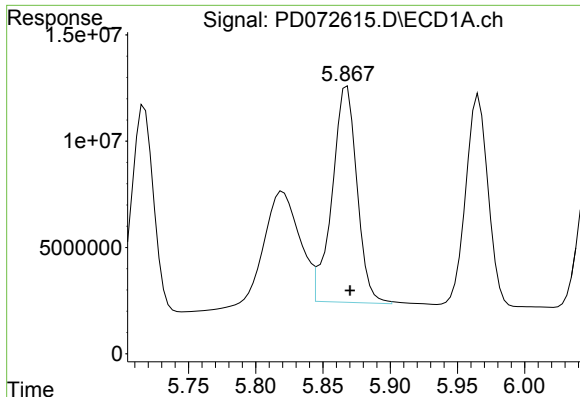
#14 Endrin

R.T.: 5.570 min
Delta R.T.: -0.002 min
Response: 128376851
Conc: 47.28 ng/ml



#14 Endrin

R.T.: 6.495 min
Delta R.T.: -0.002 min
Response: 702662302
Conc: 52.61 ng/ml



#15 Endosulfan II

R.T.: 5.867 min
Delta R.T.: -0.004 min
Response: 129187236
Conc: 52.83 ng/ml

Instrument :

ECD_D

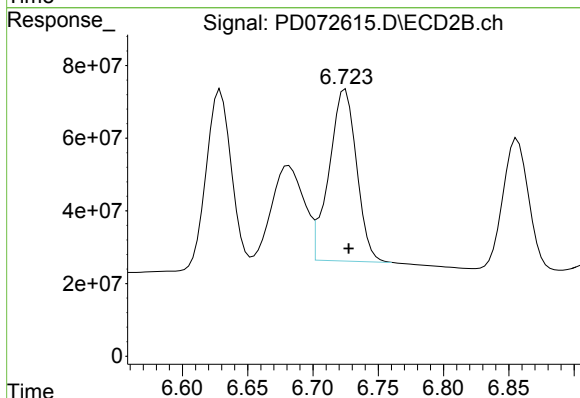
ClientSampleId :

PSTDCCC050

Manual Integrations

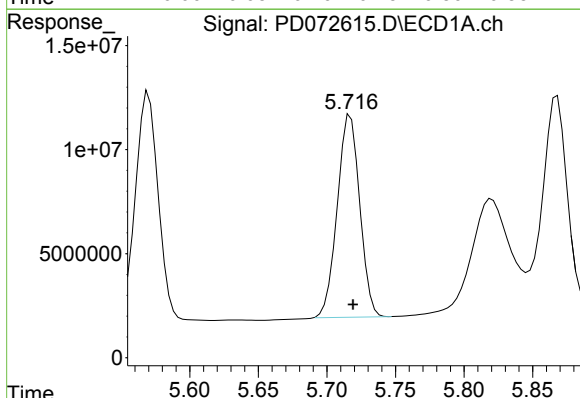
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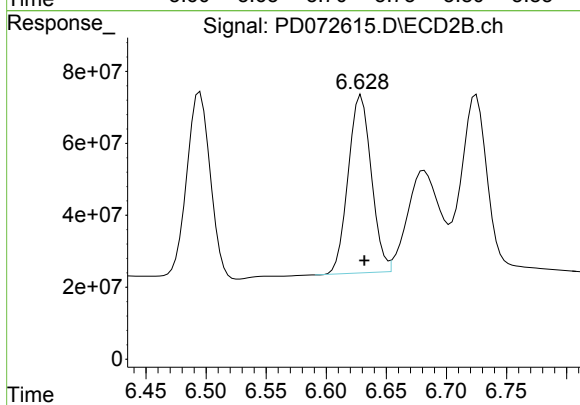
#15 Endosulfan II

R.T.: 6.723 min
Delta R.T.: -0.004 min
Response: 684581347
Conc: 55.69 ng/ml m



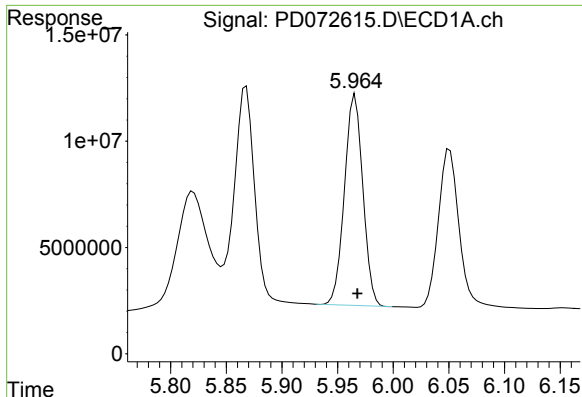
#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 110979497
Conc: 45.23 ng/ml



#16 4,4'-DDD

R.T.: 6.629 min
Delta R.T.: -0.002 min
Response: 662849325
Conc: 53.80 ng/ml



#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 113952136
Conc: 48.65 ng/ml

Instrument :

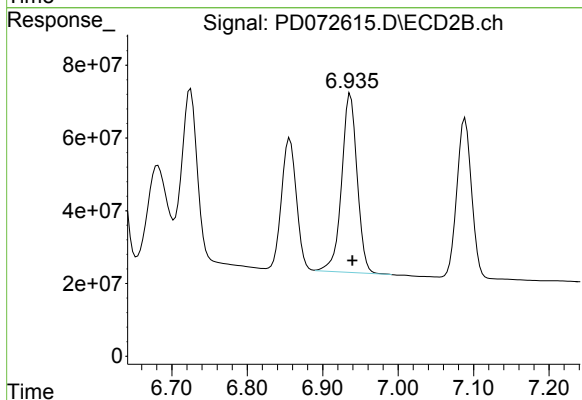
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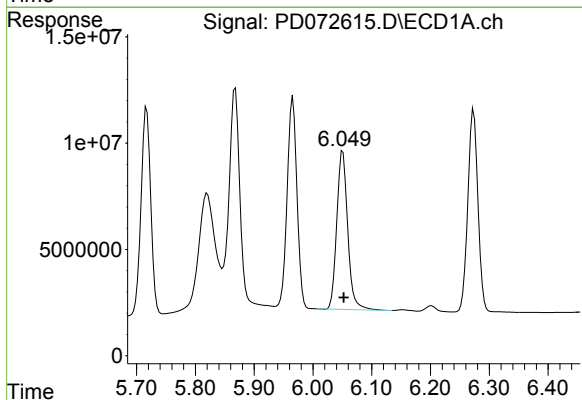
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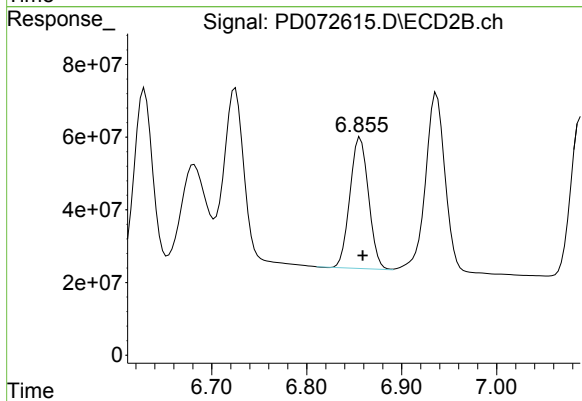
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 700728720
Conc: 58.78 ng/ml



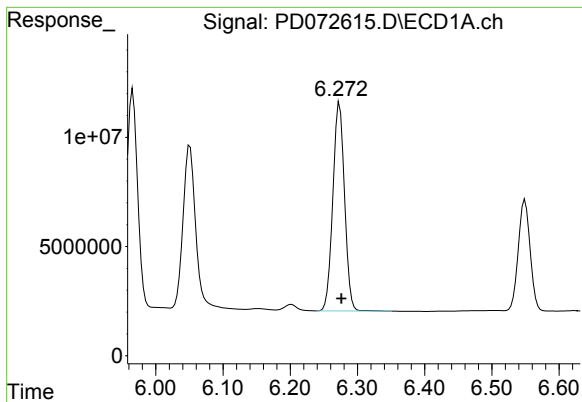
#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 96458070
Conc: 49.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 491610404
Conc: 50.94 ng/ml



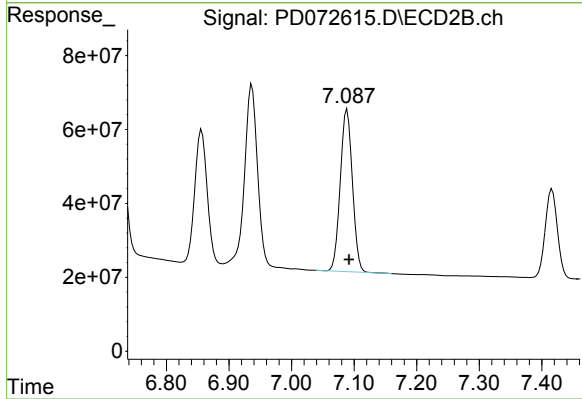
#19 Endosulfan Sulfate

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 114302768
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

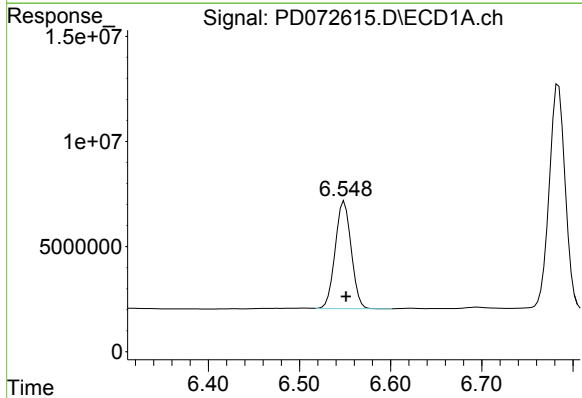
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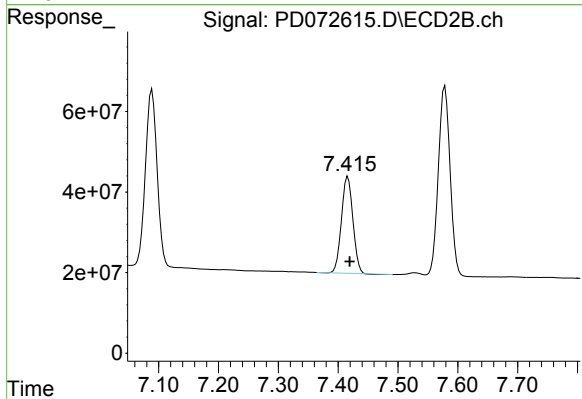
#19 Endosulfan Sulfate

R.T.: 7.089 min
Delta R.T.: -0.003 min
Response: 593618860
Conc: 52.37 ng/ml



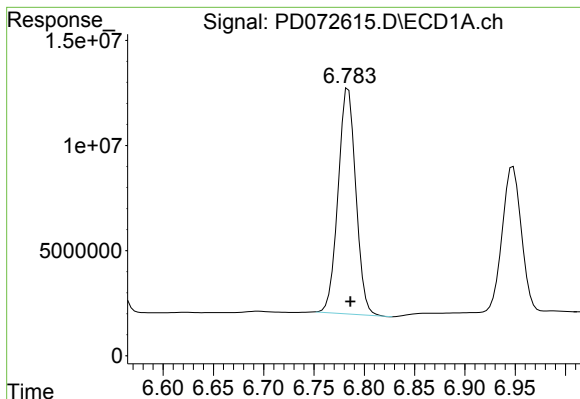
#20 Methoxychlor

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 62302858
Conc: 46.31 ng/ml



#20 Methoxychlor

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 318675012
Conc: 53.82 ng/ml



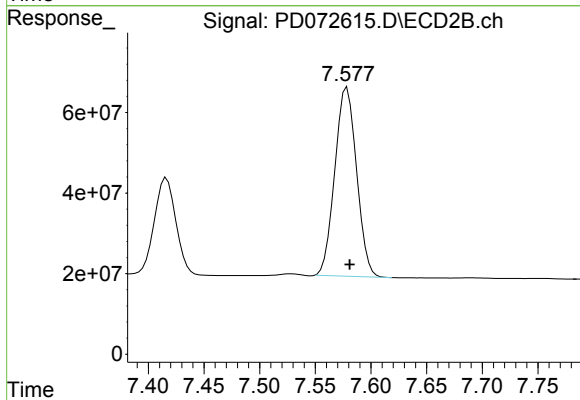
#21 Endrin ketone

R.T.: 6.784 min
Delta R.T.: -0.002 min
Response: 131584039
Conc: 44.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

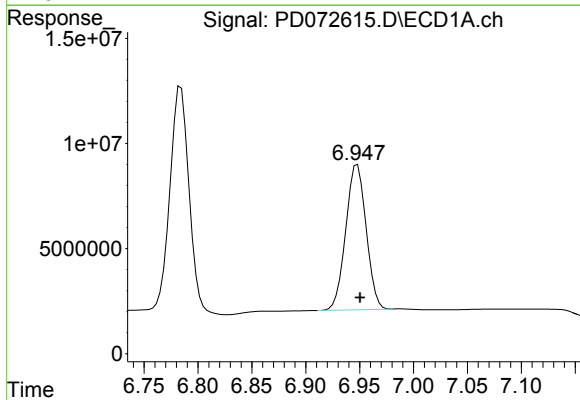
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2022
Supervised By :Ankita Jodhani 10/27/2022



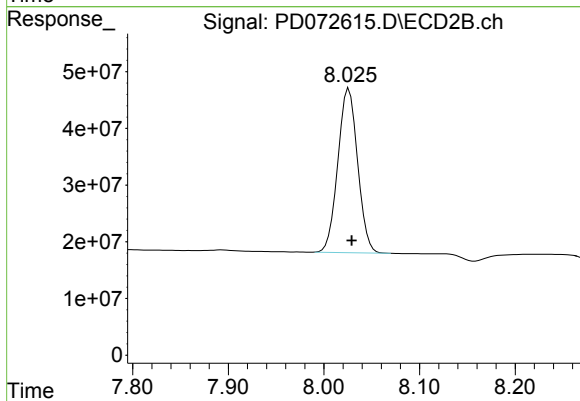
#21 Endrin ketone

R.T.: 7.579 min
Delta R.T.: -0.003 min
Response: 637160815
Conc: 51.06 ng/ml



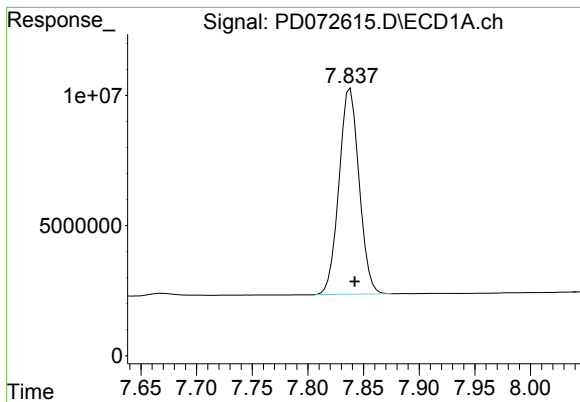
#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.003 min
Response: 90995847
Conc: 42.78 ng/ml



#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.003 min
Response: 416267151
Conc: 50.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.838 min
Delta R.T.: -0.004 min
Response: 99342049
Conc: 44.14 ng/ml

Instrument :

ECD_D

ClientSampleId :

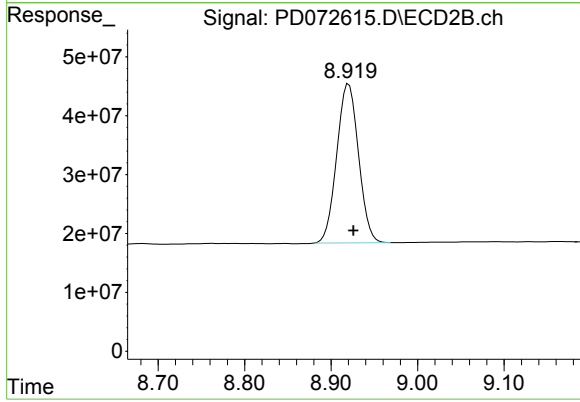
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.920 min
Delta R.T.: -0.006 min
Response: 470185593
Conc: 52.26 ng/ml