

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070323\
 Data File : PD076299.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2023 14:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/04/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 21:47:27 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	2.766	100.7E6	50665141	47.274	46.699
28)	SA Decachlor...	9.089	7.912	109.5E6	42700267	43.235	43.670
Target Compounds							
2)	A alpha-BHC	4.003	3.268	177.7E6	78243286	48.133	48.910
3)	MA gamma-BHC...	4.336	3.598	160.5E6	71372581	47.689	48.440
4)	MA Heptachlor	4.927	3.938	161.7E6	70261911	45.090	46.260
5)	MB Aldrin	5.271	4.219	159.2E6	71330417	45.421	47.834
6)	B beta-BHC	4.533	3.895	65935415	30273308	45.861	47.494
7)	B delta-BHC	4.781	4.125	162.8E6	73470418	48.995	50.705
8)	B Heptachlo...	5.698	4.721	144.3E6	63925499	44.771	46.537
9)	A Endosulfan I	6.085	5.092	131.4E6	59392273	43.808	46.465
10)	B gamma-Chl...	5.955	4.972	145.6E6	65037518	45.212	47.399
11)	B alpha-Chl...	6.034	5.036	142.5E6	64088844	44.067	46.720
12)	B 4,4'-DDE	6.207	5.225	128.3E6	59967408	44.878	53.726
13)	MA Dieldrin	6.361	5.357	136.7E6	64986418	43.732	48.168
14)	MA Endrin	6.592	5.632	109.9E6	53582547	41.108	44.029
15)	B Endosulfa...	6.811	5.927	109.8E6	50927718	42.492	47.206
16)	A 4,4'-DDD	6.725	5.780	109.7E6	51230664	48.199	58.133
17)	MA 4,4'-DDT	7.040	6.031	99615752	43279710	43.898	53.281
18)	B Endrin al...	6.939	6.106	85969963	39908935	42.844m	46.111
19)	B Endosulfa...	7.176	6.329	110.0E6	51613495	43.679	47.763
20)	A Methoxychlor	7.516	6.607	53801869	23269514	41.565	50.275
21)	B Endrin ke...	7.663	6.836	126.3E6	59533948	45.353	49.001
22)	Mirex	8.138	7.018	90243214	45392178	42.120	43.304

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070323\
Data File : PD076299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2023 14:20
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

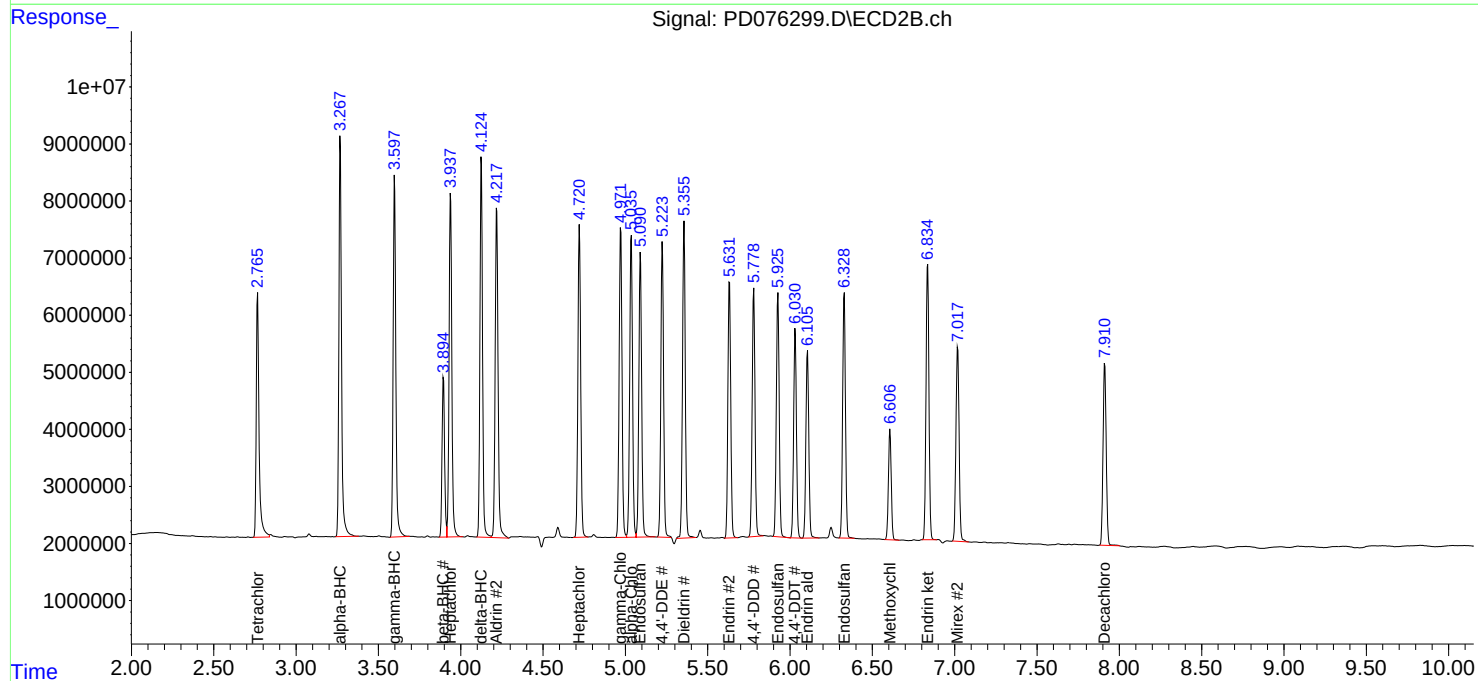
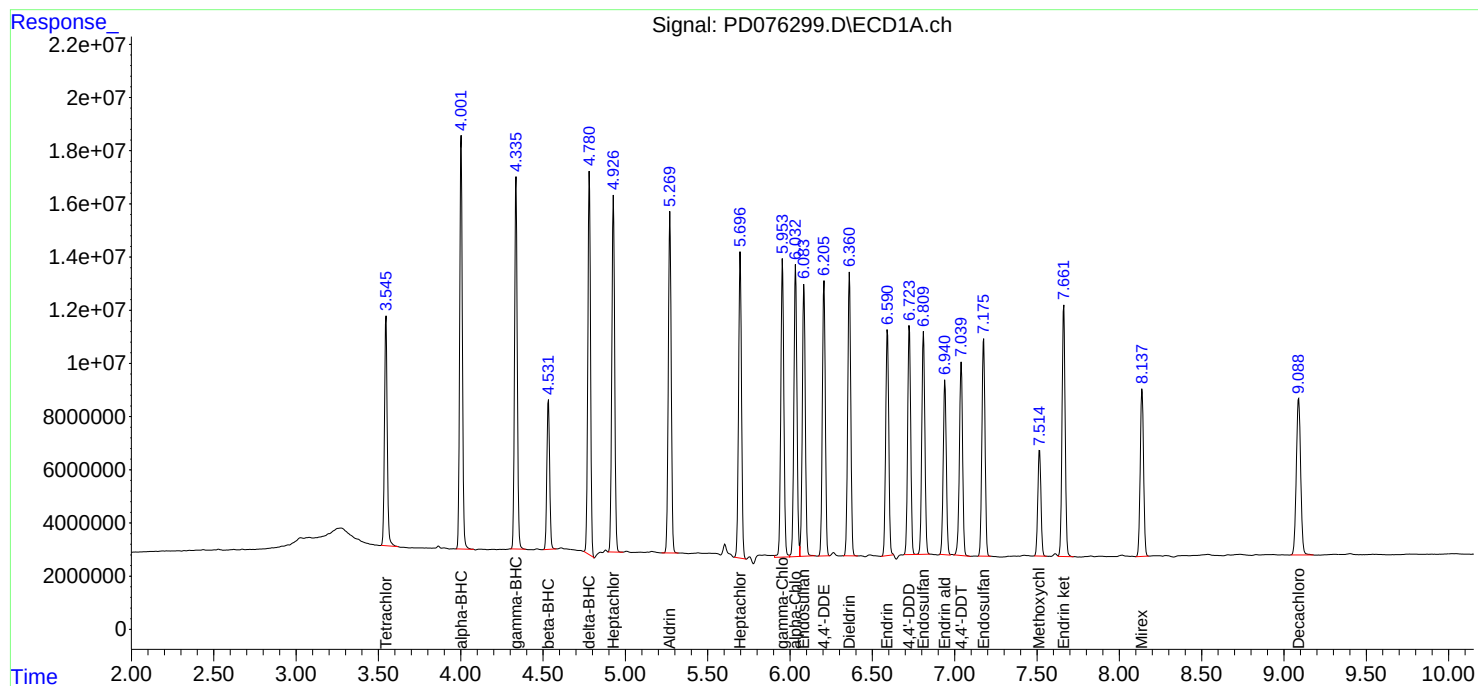
APPROVED

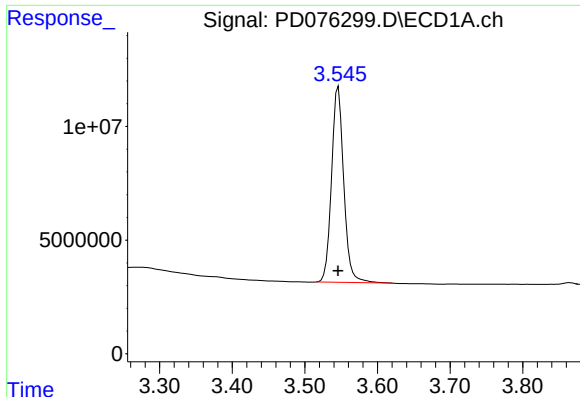
Reviewed By :Abdul Mirza 07/04/2023

Supervised By :Ankita Jodhani 07/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 21:47:27 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





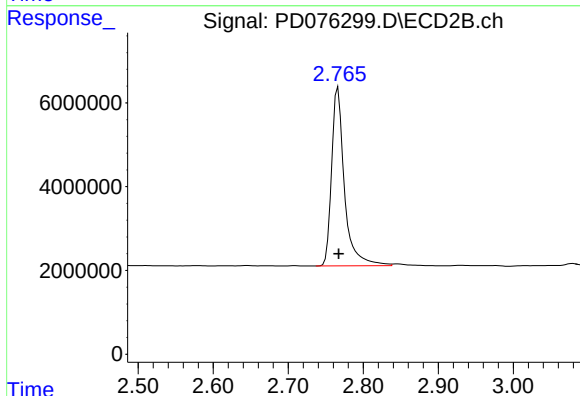
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 100700958
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

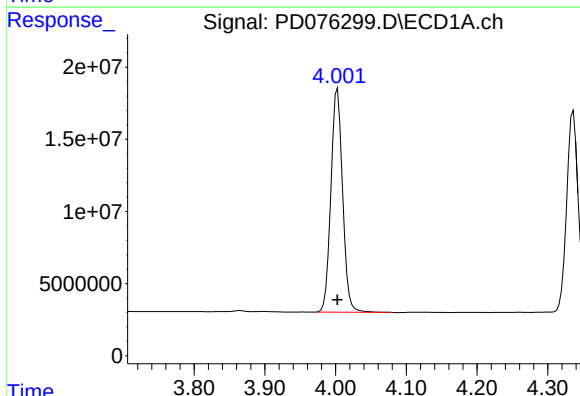
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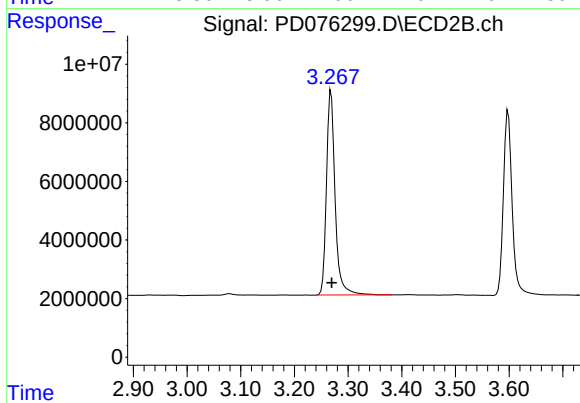
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 50665141
Conc: 46.70 ng/ml



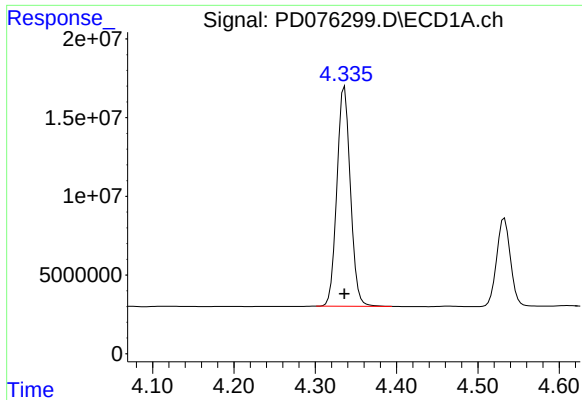
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 177710836
Conc: 48.13 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.001 min
Response: 78243286
Conc: 48.91 ng/ml



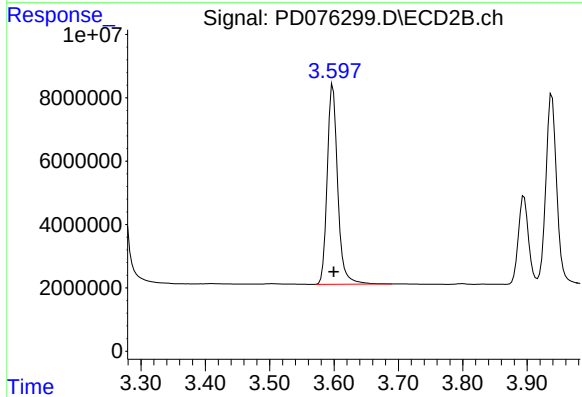
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 160468879
Conc: 47.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

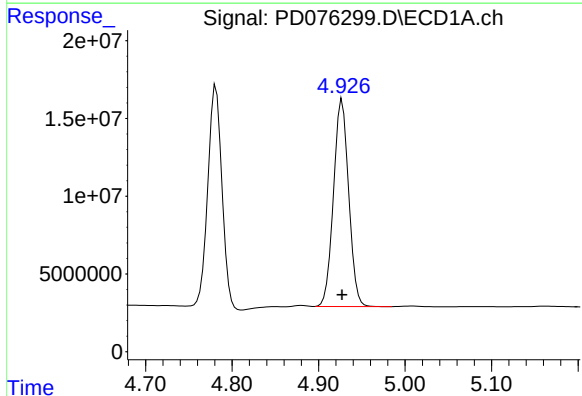
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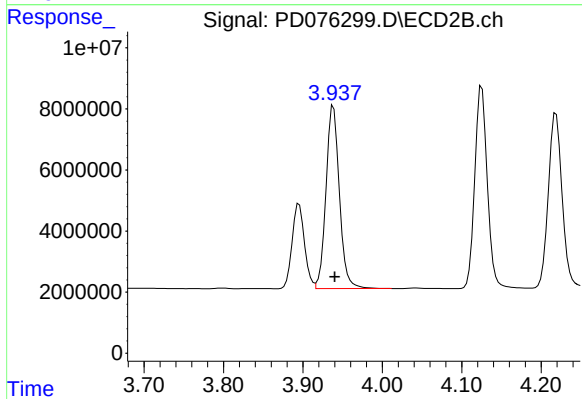
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 71372581
Conc: 48.44 ng/ml



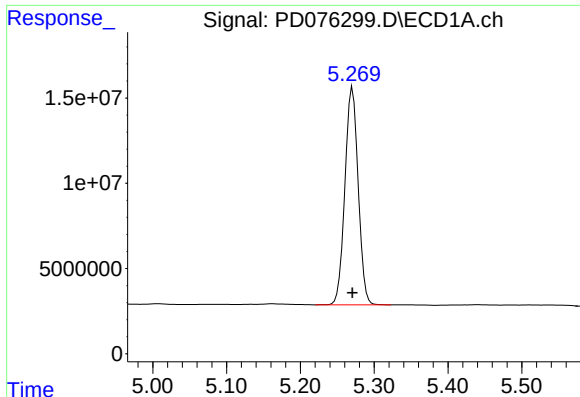
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 161719793
Conc: 45.09 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 70261911
Conc: 46.26 ng/ml



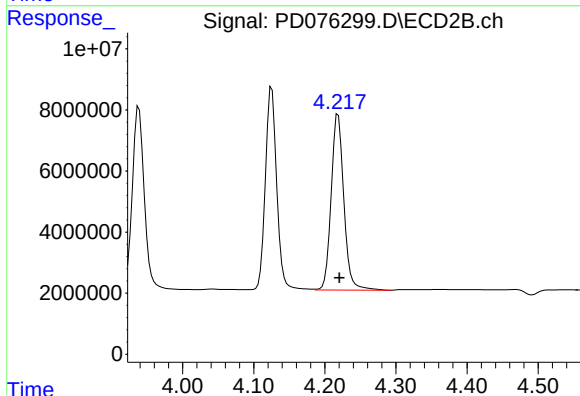
#5 Aldrin

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 159166072
Conc: 45.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

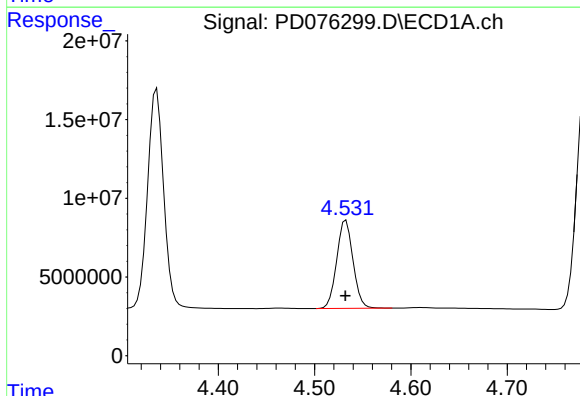
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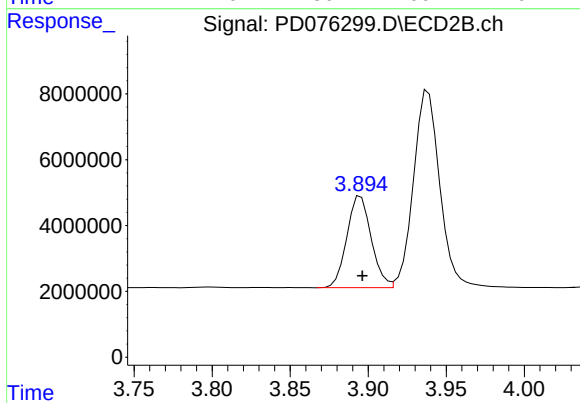
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.002 min
Response: 71330417
Conc: 47.83 ng/ml



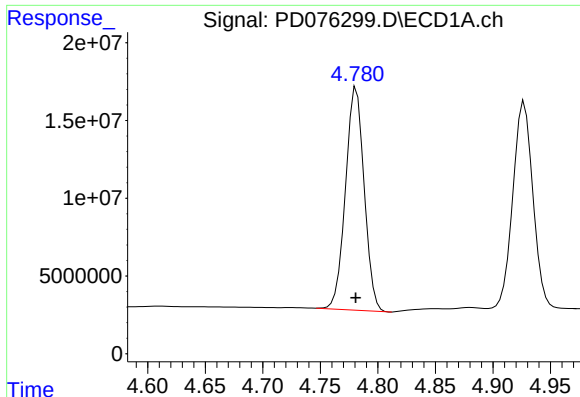
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 65935415
Conc: 45.86 ng/ml



#6 beta-BHC

R.T.: 3.895 min
Delta R.T.: -0.001 min
Response: 30273308
Conc: 47.49 ng/ml



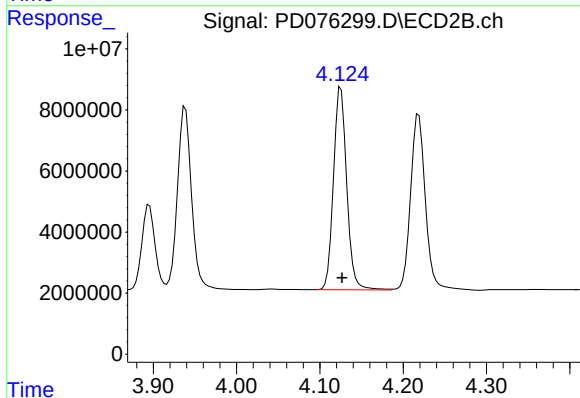
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 162841167
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

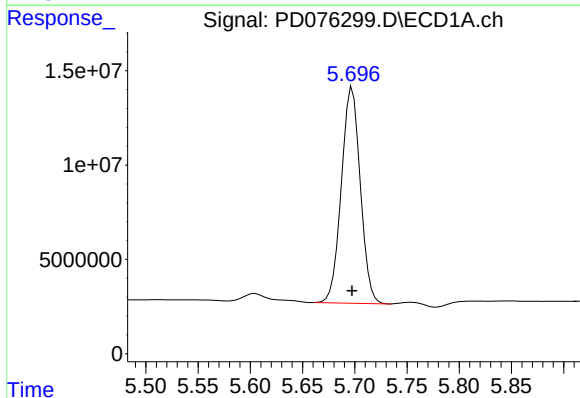
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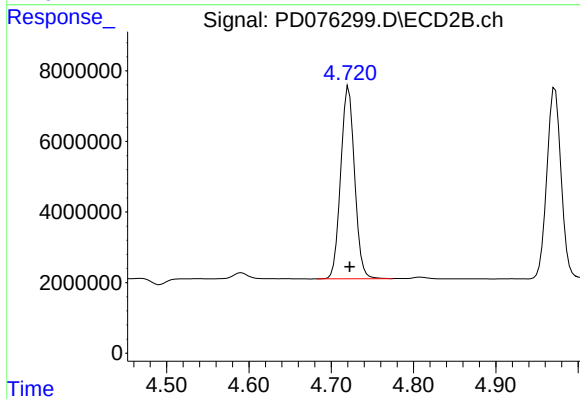
#7 delta-BHC

R.T.: 4.125 min
Delta R.T.: -0.001 min
Response: 73470418
Conc: 50.70 ng/ml



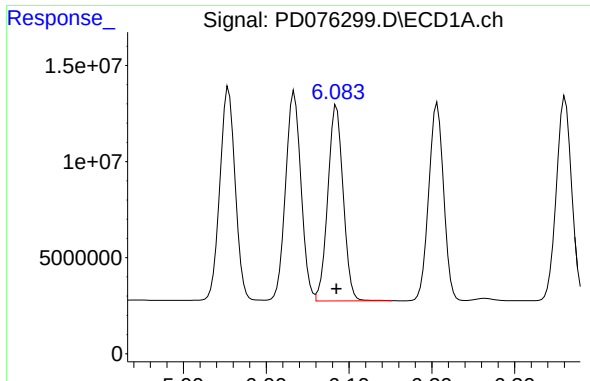
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 144264377
Conc: 44.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 63925499
Conc: 46.54 ng/ml



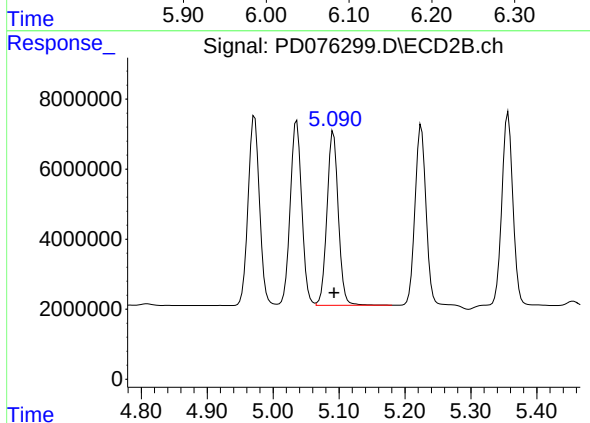
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 131402279
Conc: 43.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

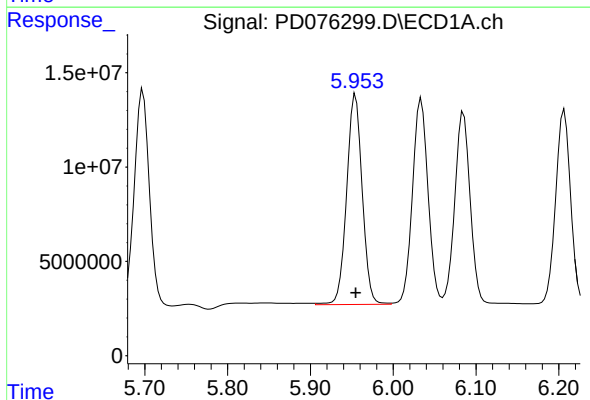
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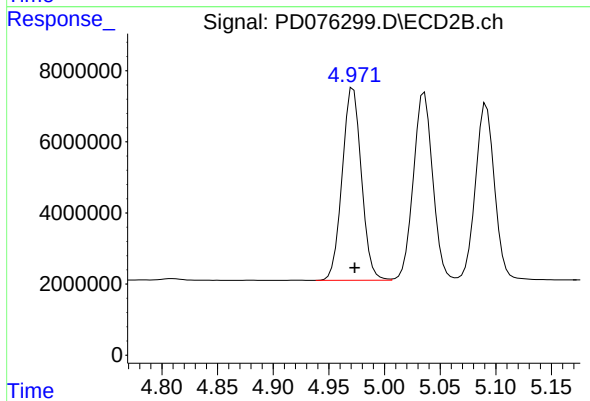
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 59392273
Conc: 46.47 ng/ml



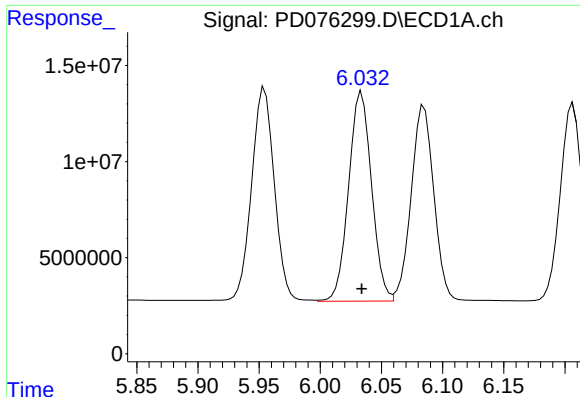
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 145641703
Conc: 45.21 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.001 min
Response: 65037518
Conc: 47.40 ng/ml



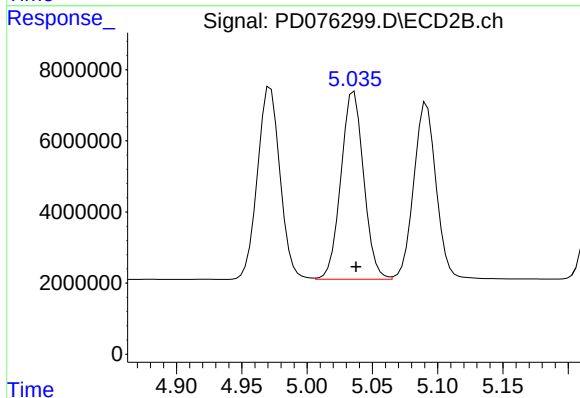
#11 alpha-Chlordane

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 142462027
Conc: 44.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

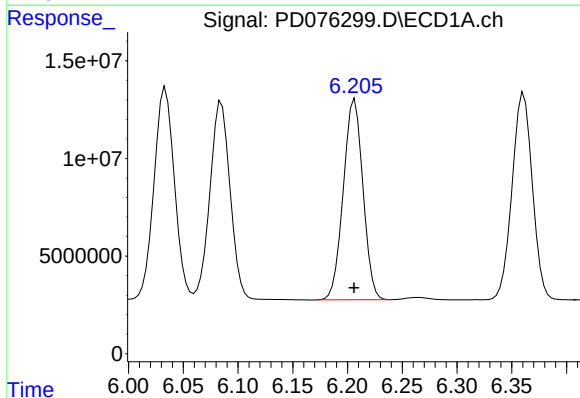
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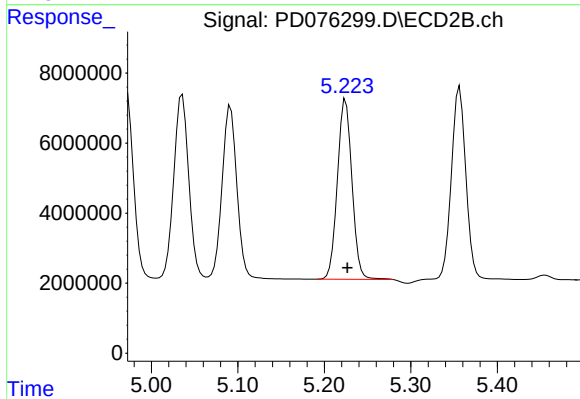
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 64088844
Conc: 46.72 ng/ml



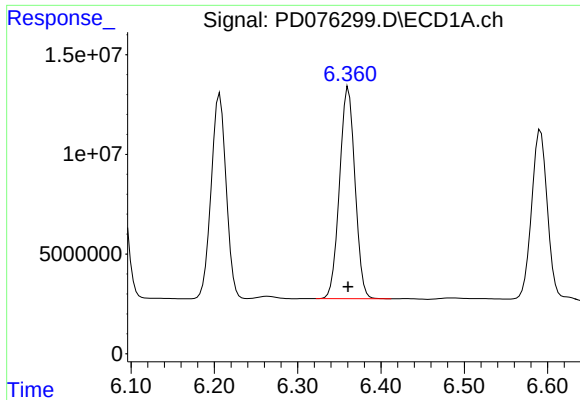
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 128267218
Conc: 44.88 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 59967408
Conc: 53.73 ng/ml



#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 136662533
Conc: 43.73 ng/ml

Instrument :

ECD_D

ClientSampleId :

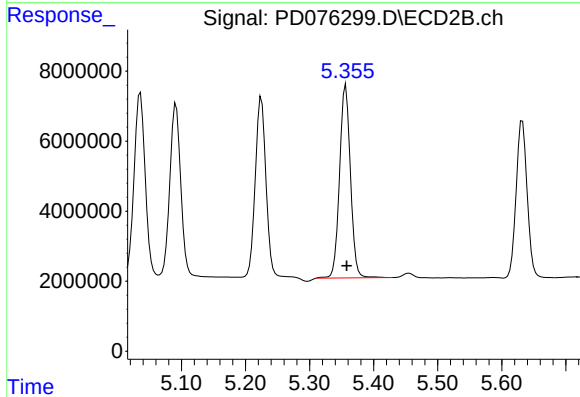
PSTDCCC050

Manual Integrations

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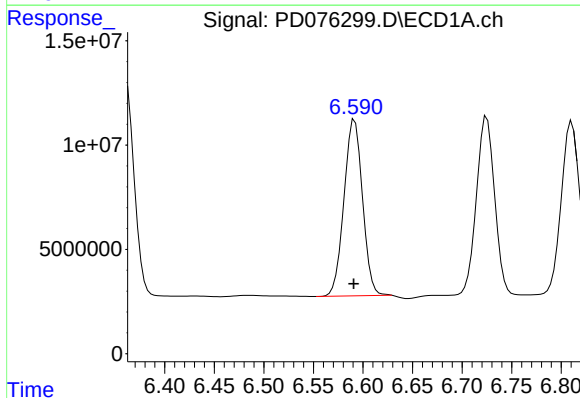
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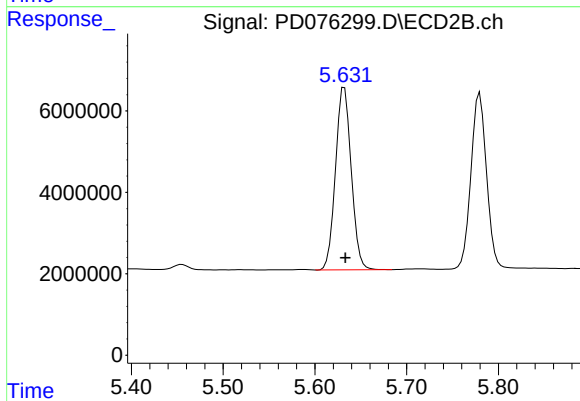
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: -0.002 min
Response: 64986418
Conc: 48.17 ng/ml



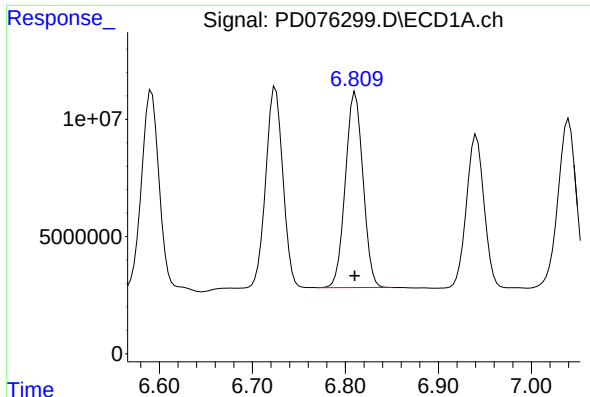
#14 Endrin

R.T.: 6.592 min
Delta R.T.: 0.001 min
Response: 109937393
Conc: 41.11 ng/ml



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 53582547
Conc: 44.03 ng/ml



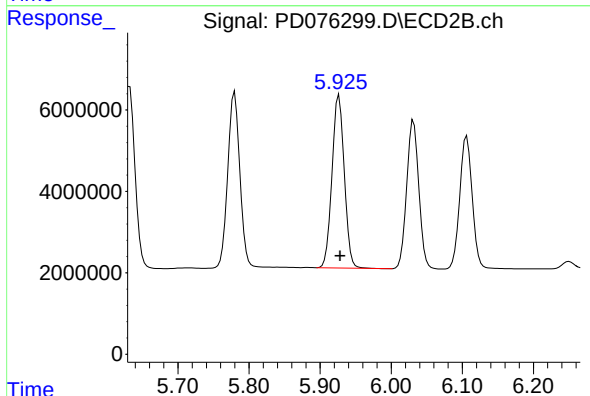
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: 0.000 min
Response: 109784525
Conc: 42.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

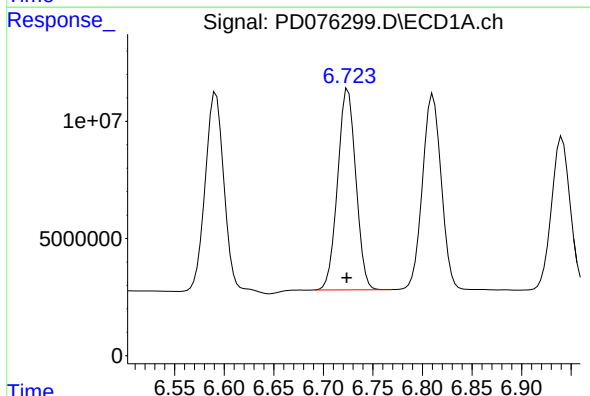
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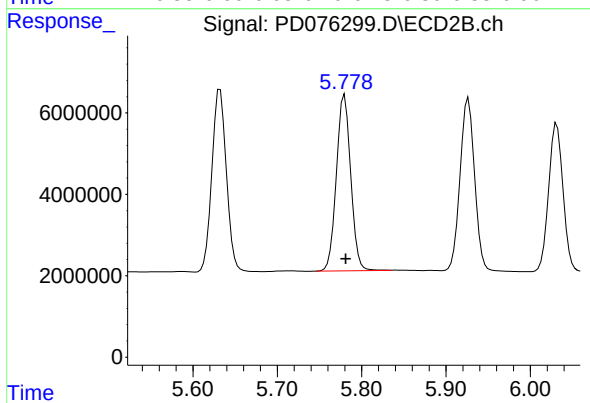
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.001 min
Response: 50927718
Conc: 47.21 ng/ml



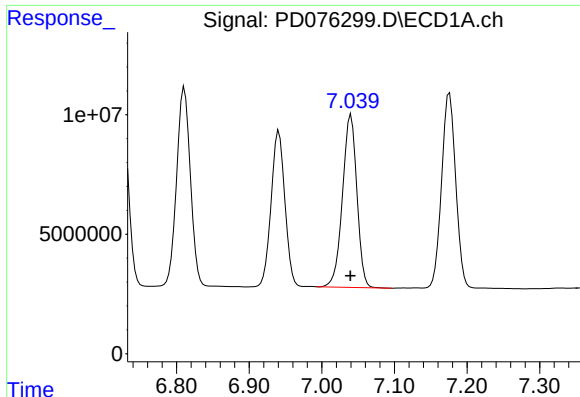
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.001 min
Response: 109682917
Conc: 48.20 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 51230664
Conc: 58.13 ng/ml



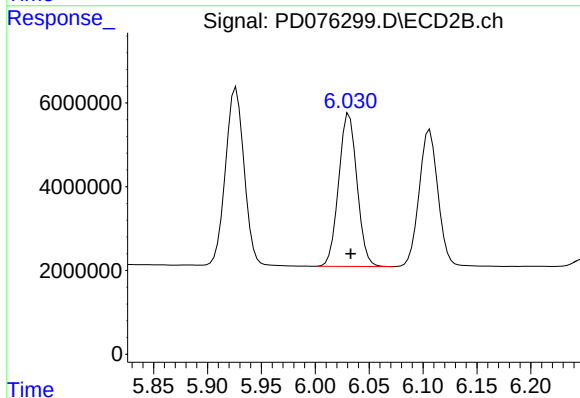
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 99615752
Conc: 43.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

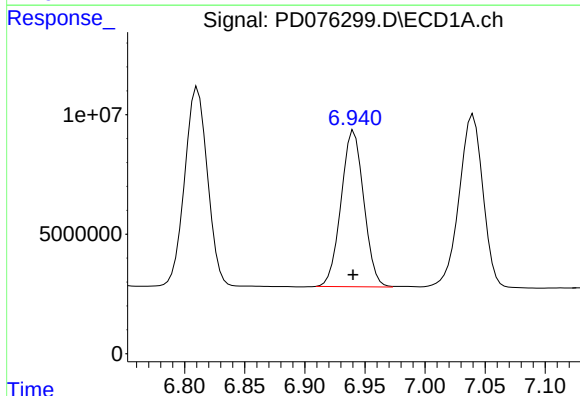
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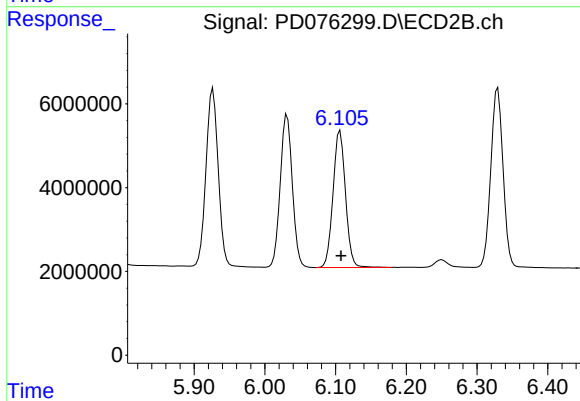
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 43279710
Conc: 53.28 ng/ml



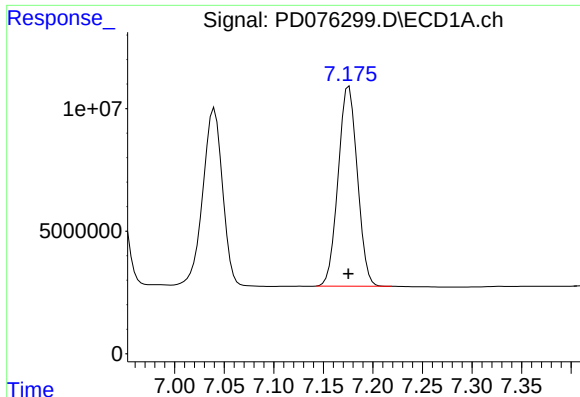
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 85969963
Conc: 42.84 ng/ml m



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 39908935
Conc: 46.11 ng/ml



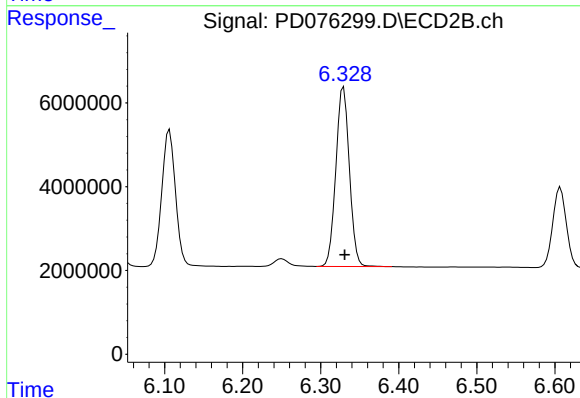
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 110043677
Conc: 43.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

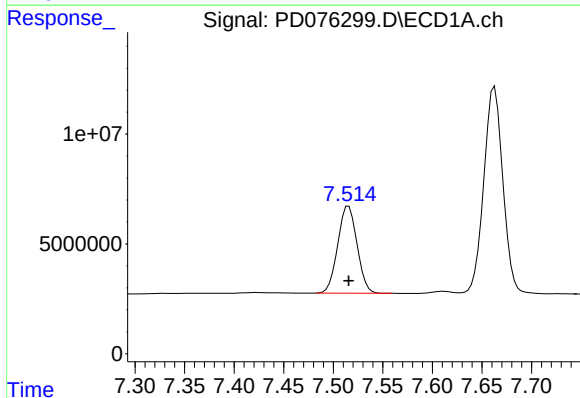
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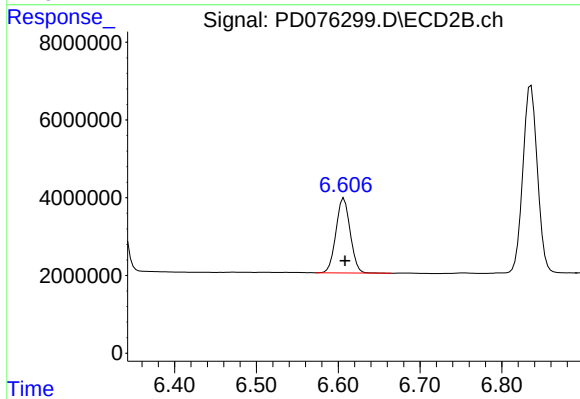
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 51613495
Conc: 47.76 ng/ml



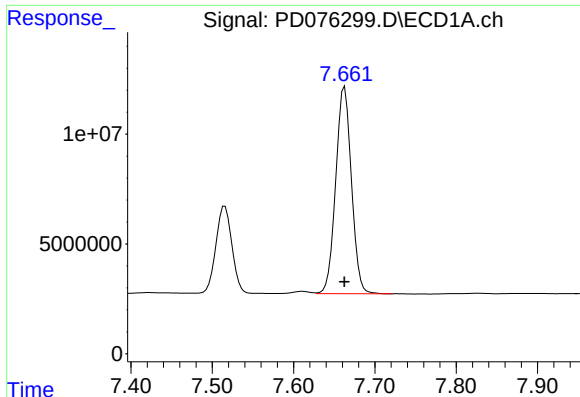
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 53801869
Conc: 41.57 ng/ml



#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 23269514
Conc: 50.28 ng/ml



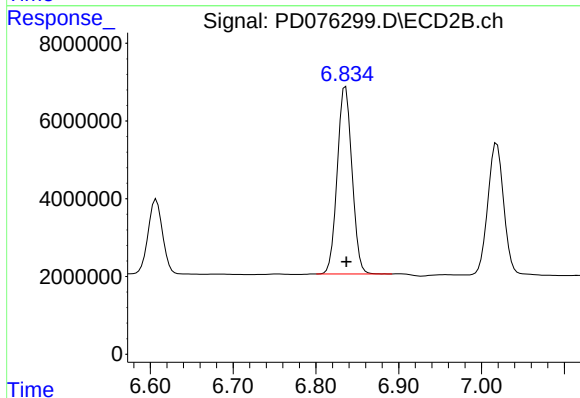
#21 Endrin ketone

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 126349720
Conc: 45.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

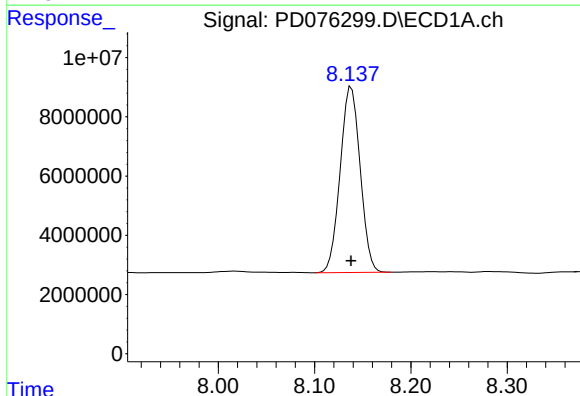
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Reviewed By :Abdul Mirza 07/04/2023
Supervised By :Ankita Jodhani 07/05/2023



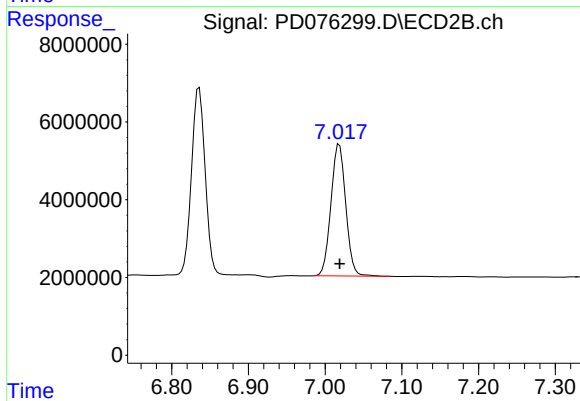
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: -0.001 min
Response: 59533948
Conc: 49.00 ng/ml



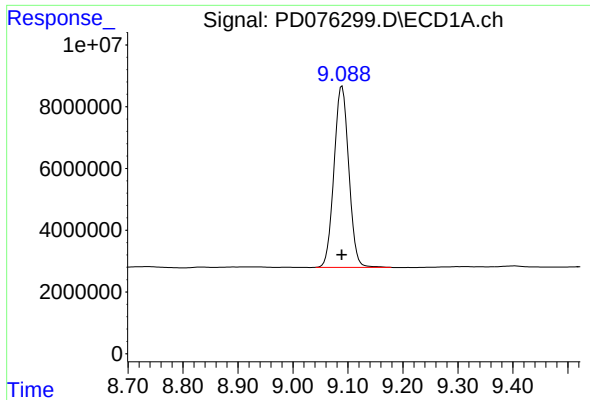
#22 Mirex

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 90243214
Conc: 42.12 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 45392178
Conc: 43.30 ng/ml



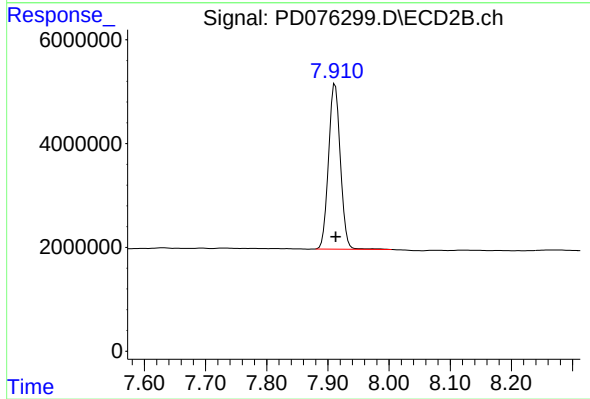
#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 109530187
Conc: 43.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/04/2023
Supervised By :Ankita Jodhani 07/05/2023



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 42700267
Conc: 43.67 ng/ml