

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012023\
 Data File : PD073694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2023 16:24
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/23/2023
 Supervised By : Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 20 21:24:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 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...	3.555	2.777	105.2E6	59235783	45.007	46.530
28)	SA Decachlor...	9.104	7.934	130.4E6	52483417	46.269	45.110
Target Compounds							
2)	A alpha-BHC	4.011	3.281	184.7E6	88157416	46.511	51.740
3)	MA gamma-BHC...	4.345	3.611	169.4E6	78017573	46.130	51.867
4)	MA Heptachlor	4.938	3.953	173.1E6	67102752	46.610	50.111
5)	MB Aldrin	5.282	4.235	165.3E6	79320928	45.844	49.107
6)	B beta-BHC	4.538	3.906	68667070	33474844	44.264	50.512
7)	B delta-BHC	4.788	4.137	170.5E6	79090666	50.670	51.743
8)	B Heptachlo...	5.708	4.738	151.3E6	66270989	47.404	49.252
9)	A Endosulfan I	6.095	5.109	137.6E6	62486104	44.819	46.474
10)	B gamma-Chl...	5.963	4.989	148.0E6	71325266	44.955m	48.193
11)	B alpha-Chl...	6.044	5.053	148.9E6	71017710	45.152	47.747
12)	B 4,4'-DDE	6.216	5.243	136.6E6	65227140	45.225	48.884
13)	MA Dieldrin	6.371	5.374	143.3E6	63398644	44.943	48.366
14)	MA Endrin	6.602	5.649	118.3E6	53640023	43.637	48.236
15)	B Endosulfa...	6.820	5.943	115.5E6	54574693	43.624	46.860
16)	A 4,4'-DDD	6.734	5.798	111.0E6	50081831	45.010	48.605
17)	MA 4,4'-DDT	7.050	6.051	121.1E6	50467254	43.481	48.995
18)	B Endrin al...	6.950	6.123	92794533	40766005	42.776	46.220
19)	B Endosulfa...	7.185	6.346	116.3E6	52696659	43.434	46.814
20)	A Methoxychlor	7.525	6.627	63547477	24682685	41.022	47.158
21)	B Endrin ke...	7.672	6.853	133.3E6	59938635	44.076	46.781
22)	Mirex	8.149	7.038	94976322	47491376	41.333	45.220

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012023\
Data File : PD073694.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2023 16:24
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

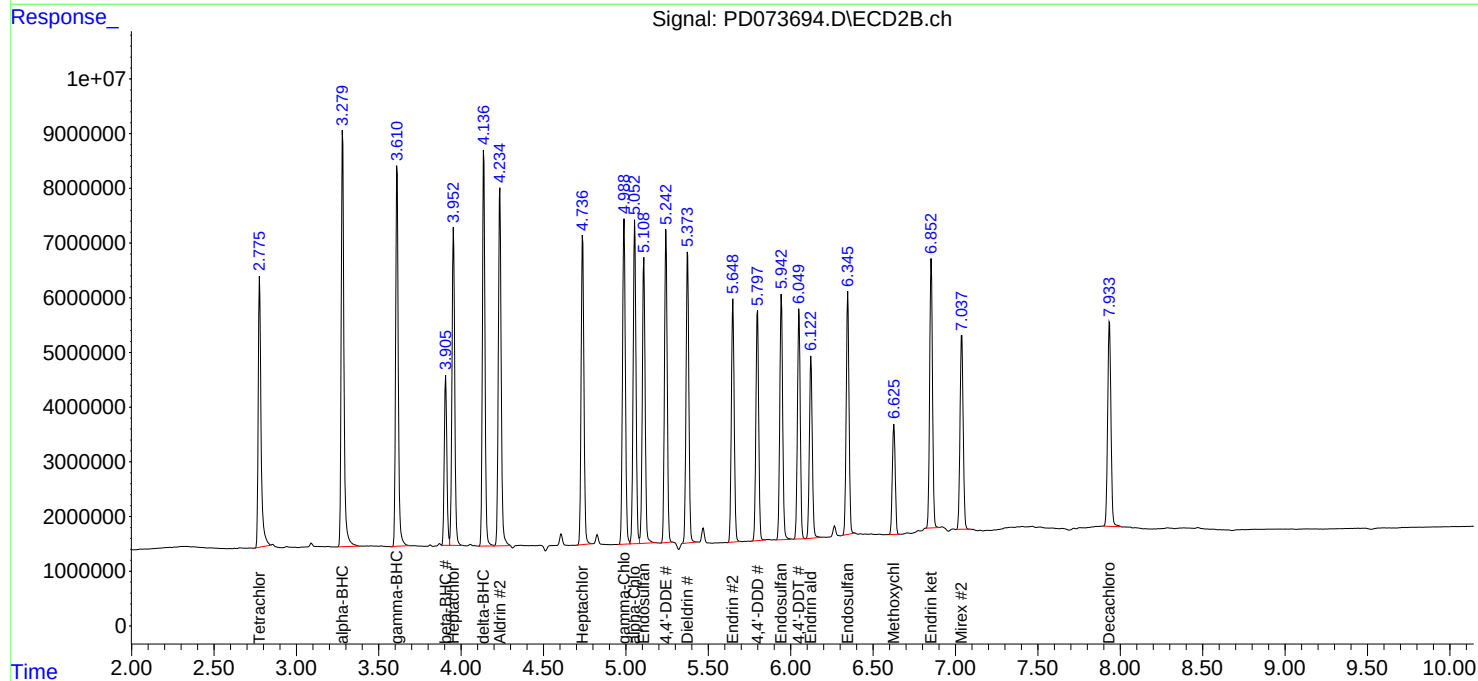
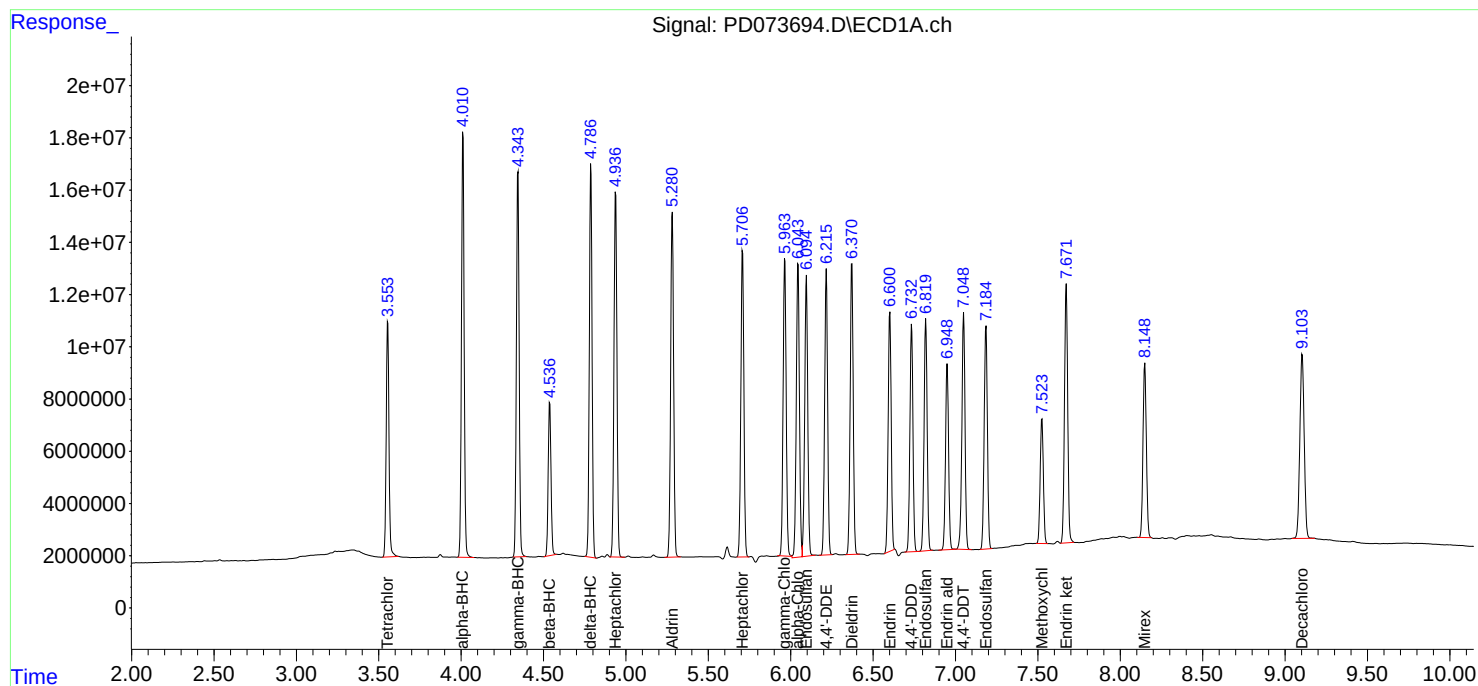
APPROVED

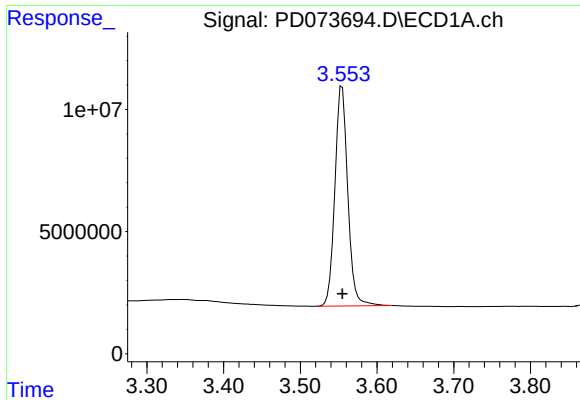
Reviewed By :Abdul Mirza 01/23/2023

Supervised By :Ankita Jodhani 01/23/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 20 21:24:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
Quant Title : GC Extractables
QLast Update : Thu Jan 19 02:45:26 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





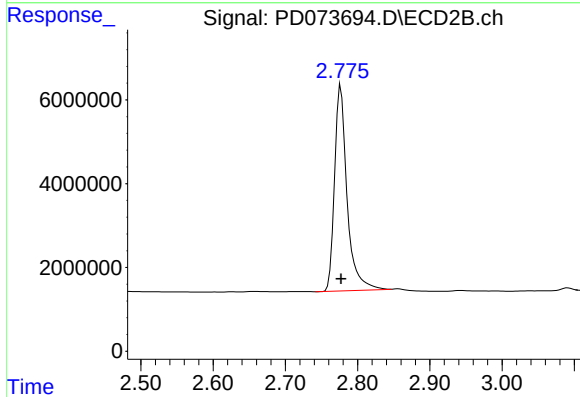
#1 Tetrachloro-m-xylene

R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 105203730
Conc: 45.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

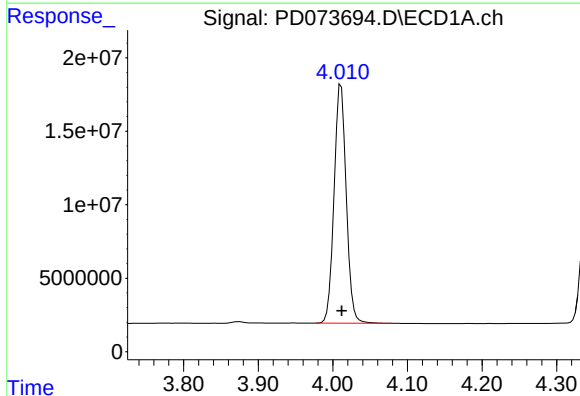
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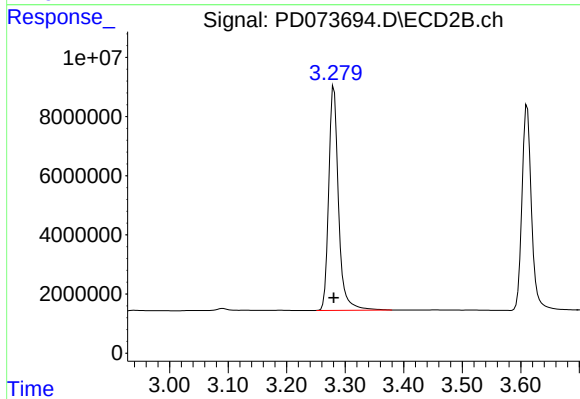
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 59235783
Conc: 46.53 ng/ml



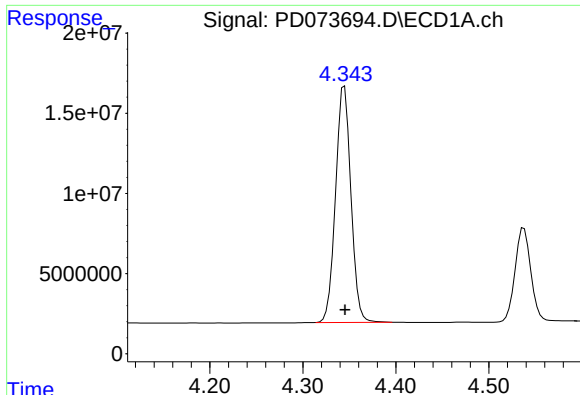
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 184732842
Conc: 46.51 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 88157416
Conc: 51.74 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 169370774
Conc: 46.13 ng/ml

Instrument :

ECD_D

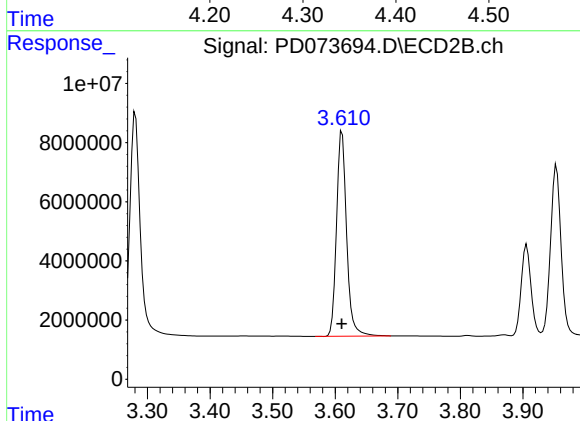
ClientSampleId :

PSTDCCC050

Manual Integrations

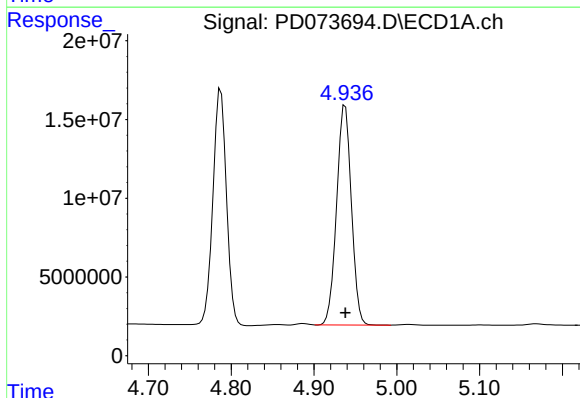
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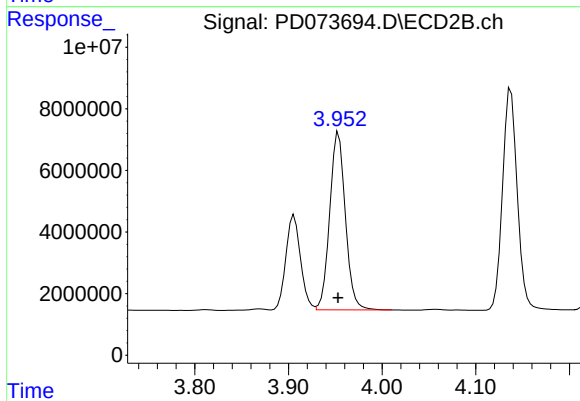
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 78017573
Conc: 51.87 ng/ml



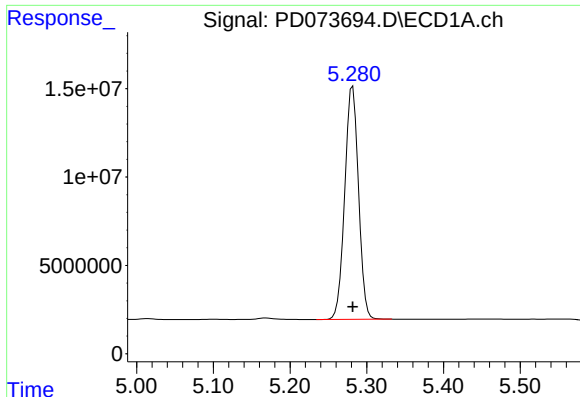
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 173078639
Conc: 46.61 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 67102752
Conc: 50.11 ng/ml



#5 Aldrin

R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 165256697
Conc: 45.84 ng/ml

Instrument :

ECD_D

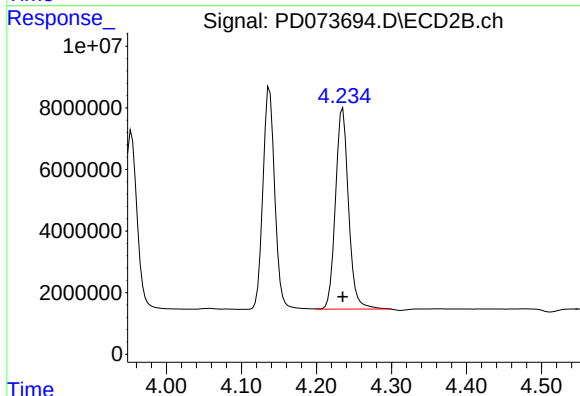
ClientSampleId :

PSTDCCC050

Manual Integrations

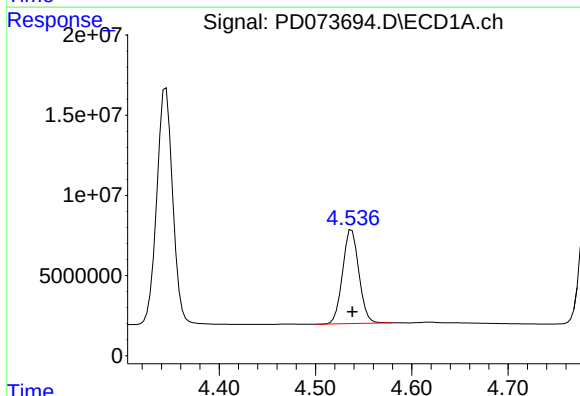
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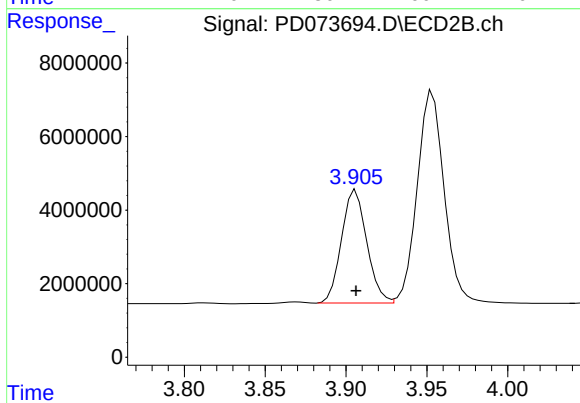
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 79320928
Conc: 49.11 ng/ml



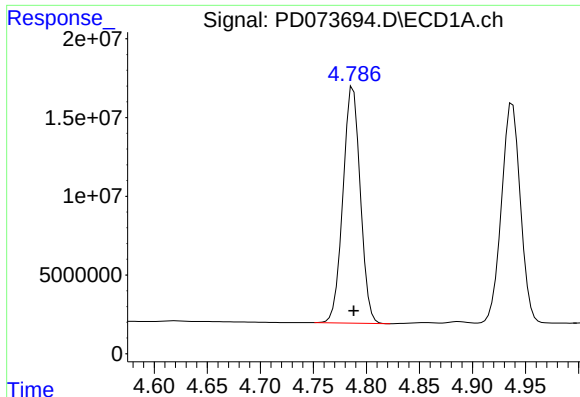
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 68667070
Conc: 44.26 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 33474844
Conc: 50.51 ng/ml



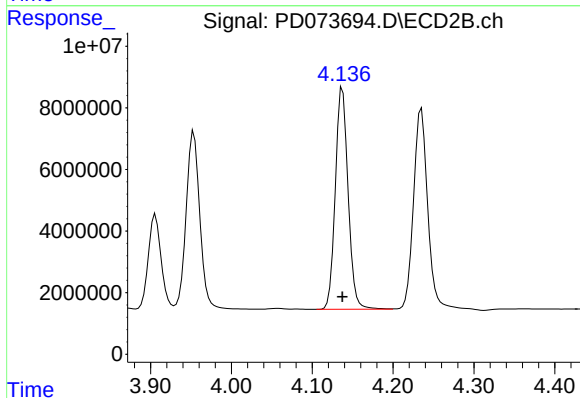
#7 delta-BHC

R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 170507622
Conc: 50.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

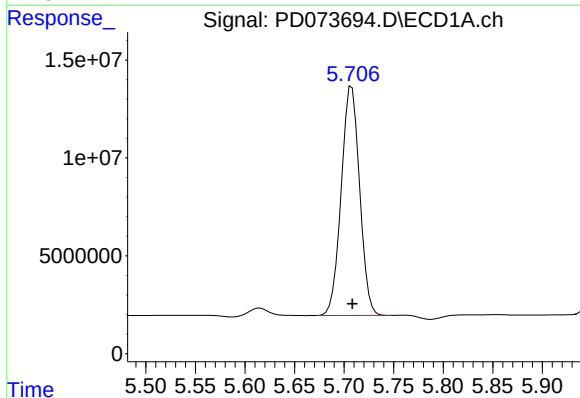
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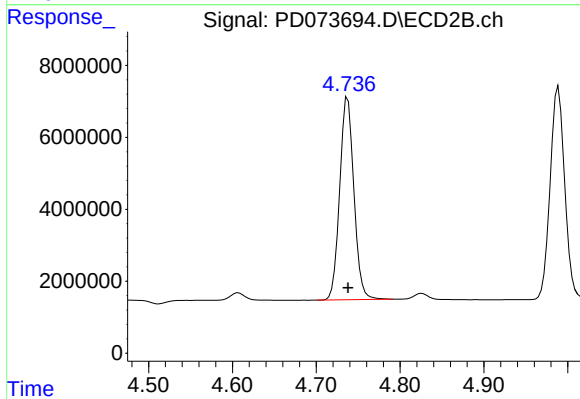
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 79090666
Conc: 51.74 ng/ml



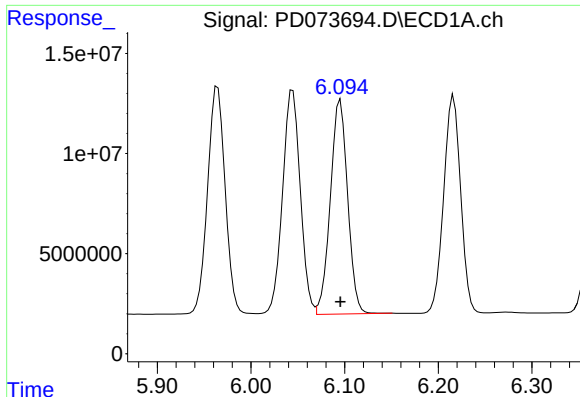
#8 Heptachlor epoxide

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 151282819
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 66270989
Conc: 49.25 ng/ml



#9 Endosulfan I

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 137623277
Conc: 44.82 ng/ml

Instrument :

ECD_D

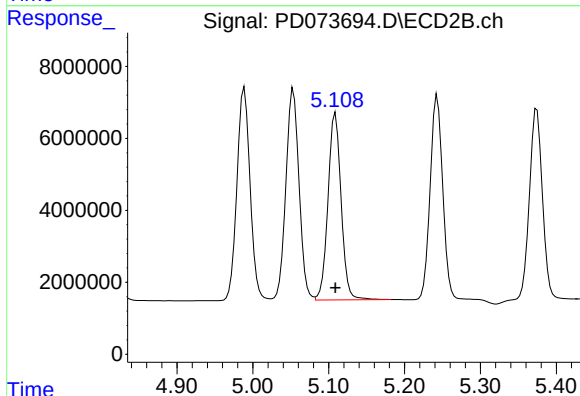
ClientSampleId :

PSTDCCC050

Manual Integrations

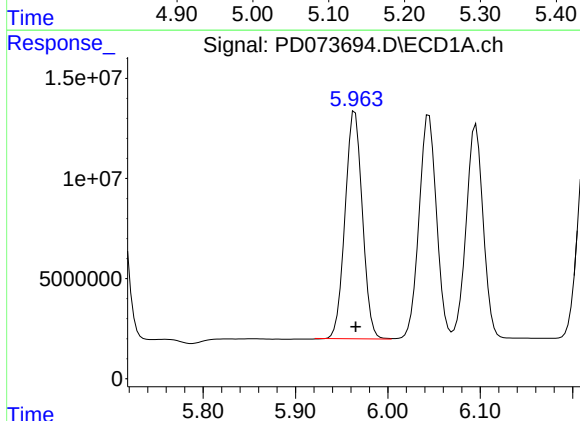
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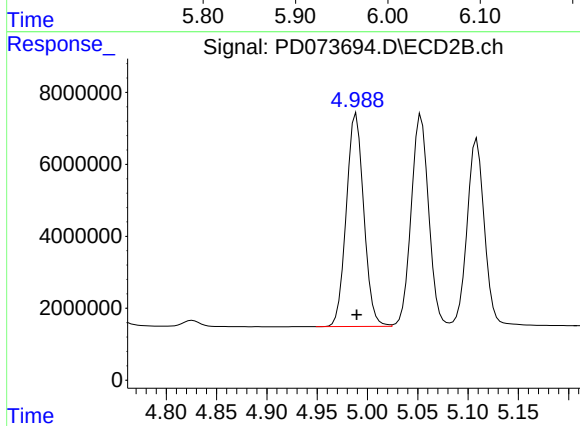
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 62486104
Conc: 46.47 ng/ml



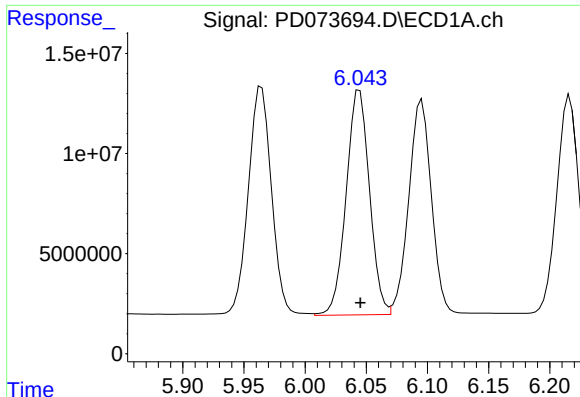
#10 gamma-Chlordane

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 148011880
Conc: 44.96 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 71325266
Conc: 48.19 ng/ml



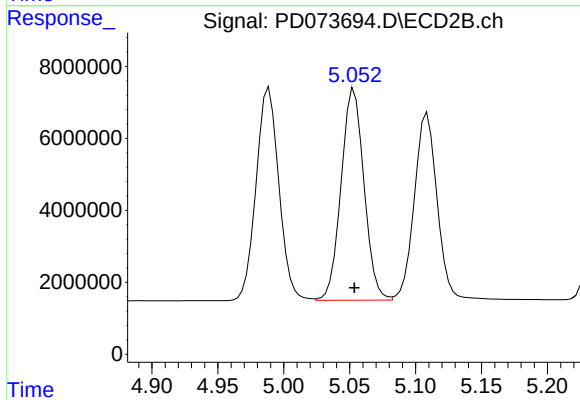
#11 alpha-Chlordane

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 148948447
Conc: 45.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

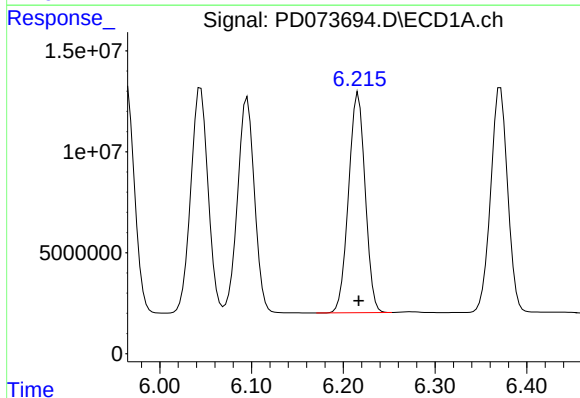
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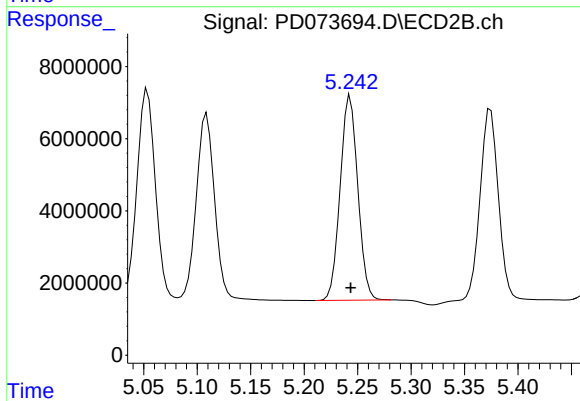
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 71017710
Conc: 47.75 ng/ml



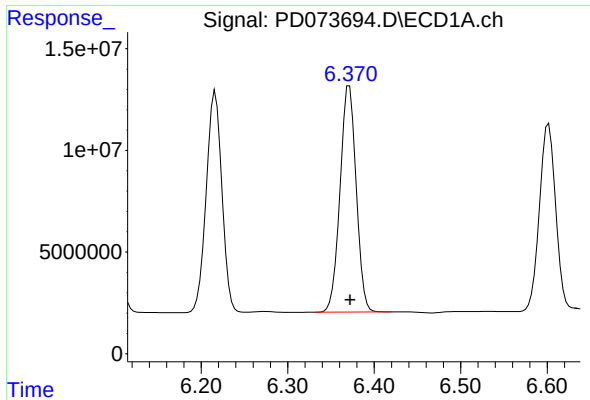
#12 4,4'-DDE

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 136594459
Conc: 45.22 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 65227140
Conc: 48.88 ng/ml



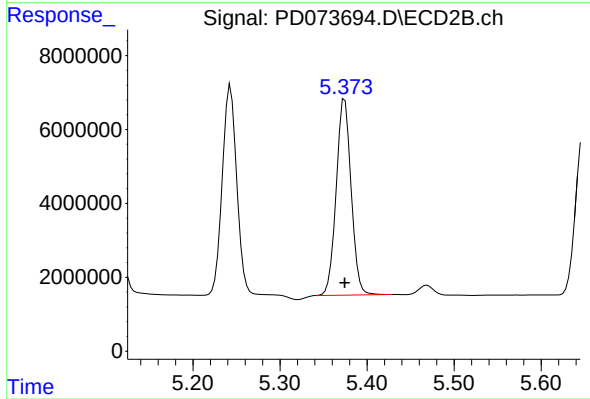
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 143300205
Conc: 44.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

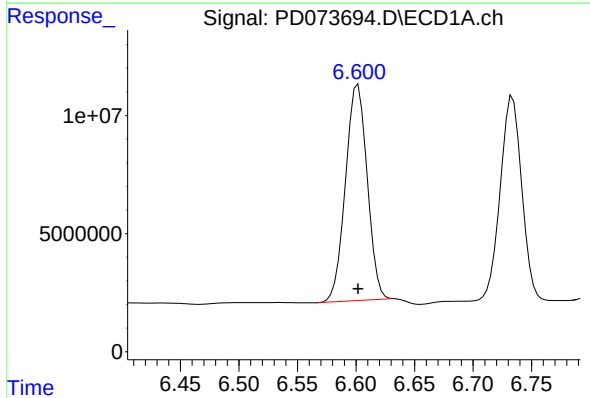
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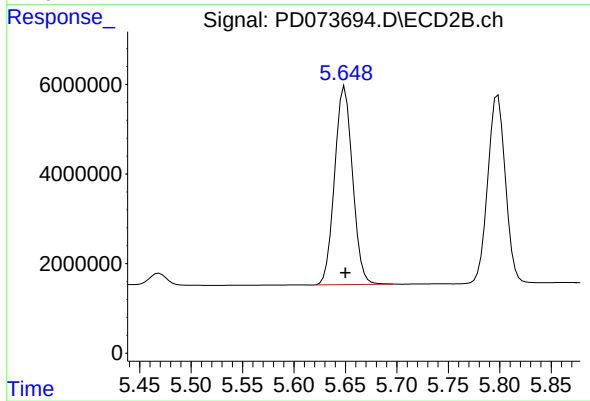
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 63398644
Conc: 48.37 ng/ml



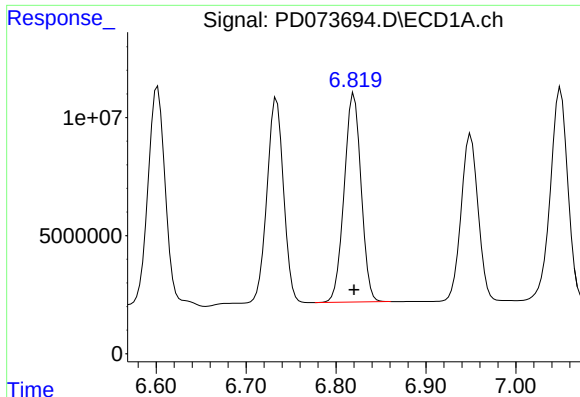
#14 Endrin

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 118301560
Conc: 43.64 ng/ml



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 53640023
Conc: 48.24 ng/ml



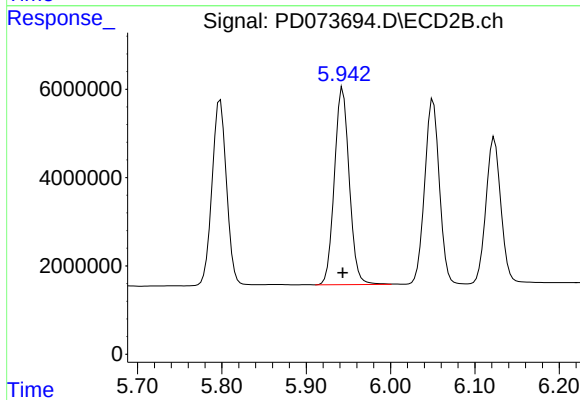
#15 Endosulfan II

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 115520683
Conc: 43.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

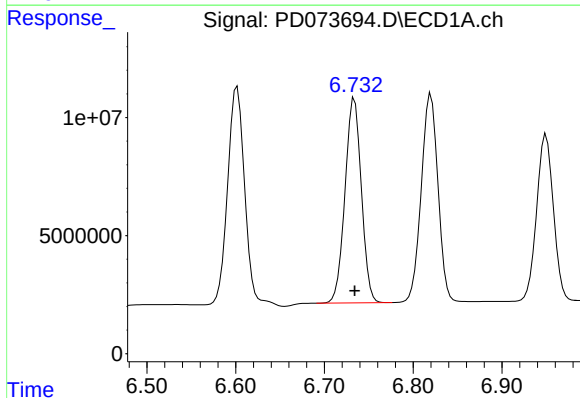
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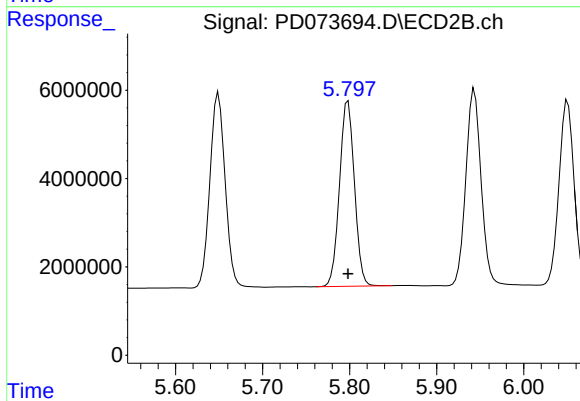
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 54574693
Conc: 46.86 ng/ml



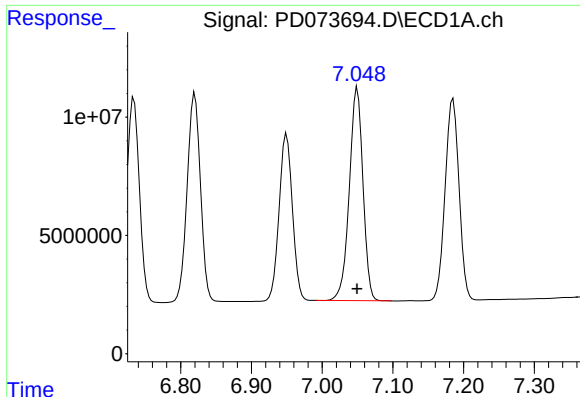
#16 4,4'-DDD

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 111008415
Conc: 45.01 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 50081831
Conc: 48.61 ng/ml



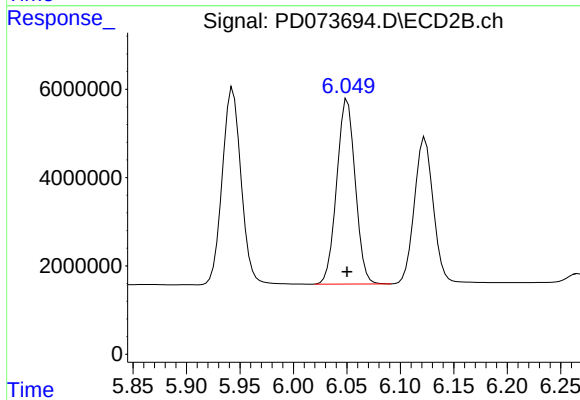
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 121055355
Conc: 43.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

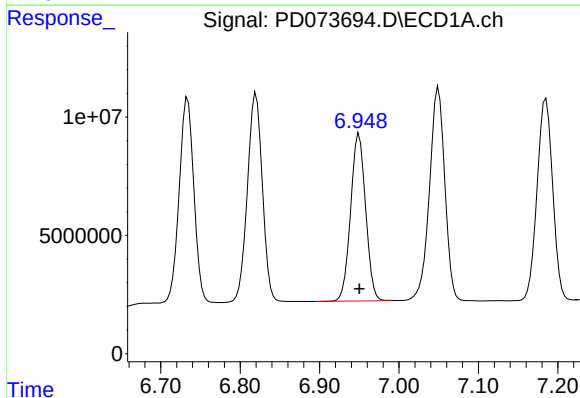
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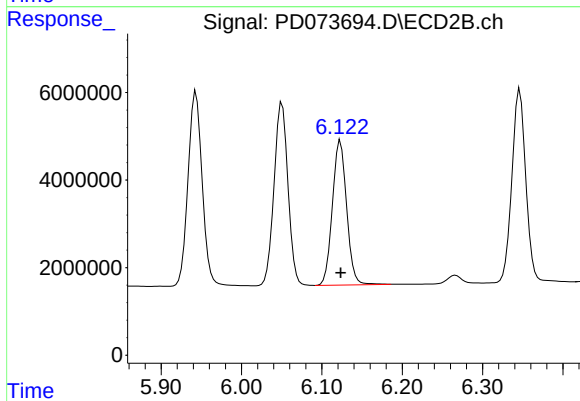
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 50467254
Conc: 49.00 ng/ml



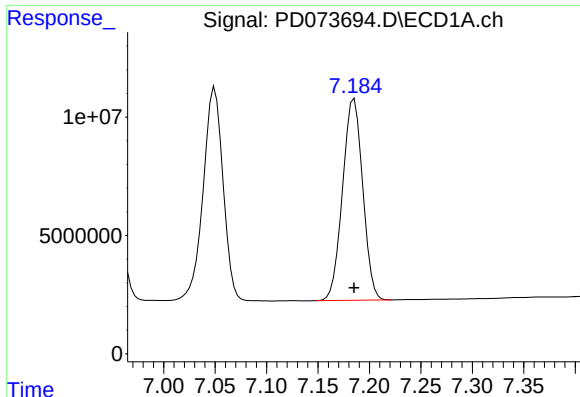
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.000 min
Response: 92794533
Conc: 42.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 40766005
Conc: 46.22 ng/ml



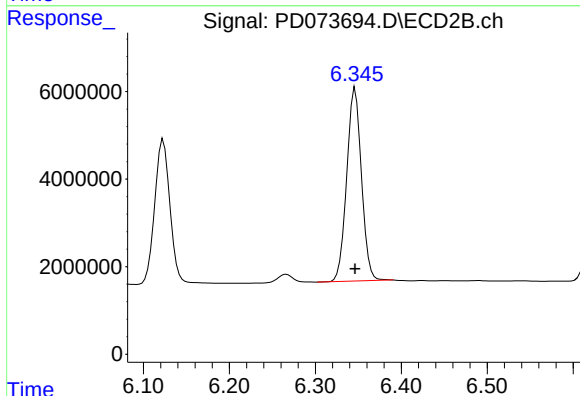
#19 Endosulfan Sulfate

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 116296340
Conc: 43.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

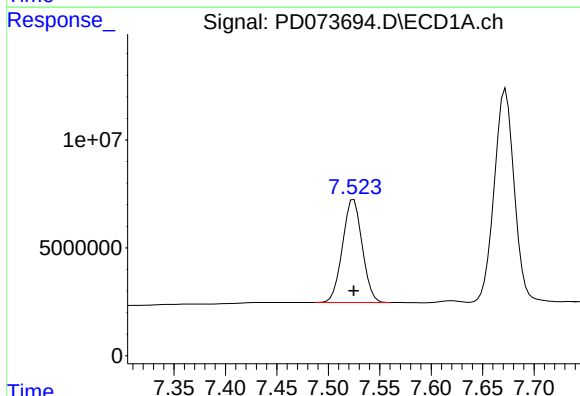
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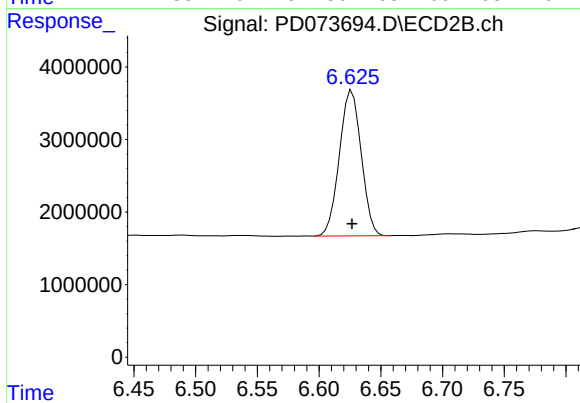
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 52696659
Conc: 46.81 ng/ml



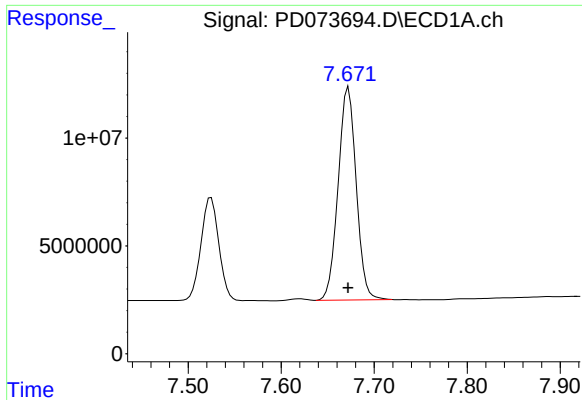
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 63547477
Conc: 41.02 ng/ml



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 24682685
Conc: 47.16 ng/ml



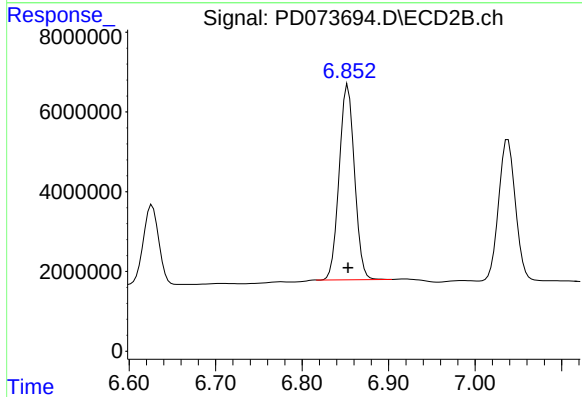
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 133282189
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

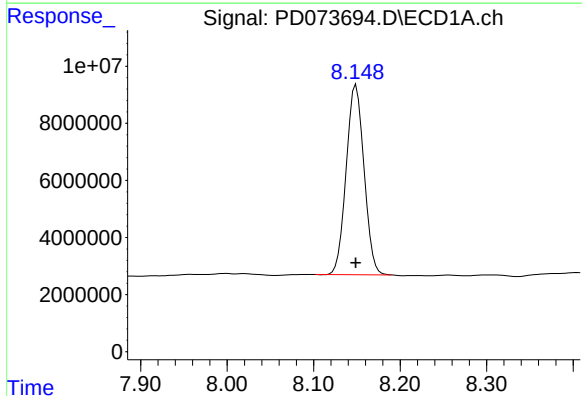
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Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



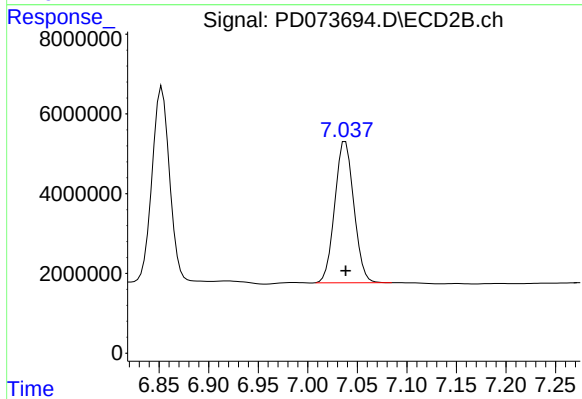
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 59938635
Conc: 46.78 ng/ml



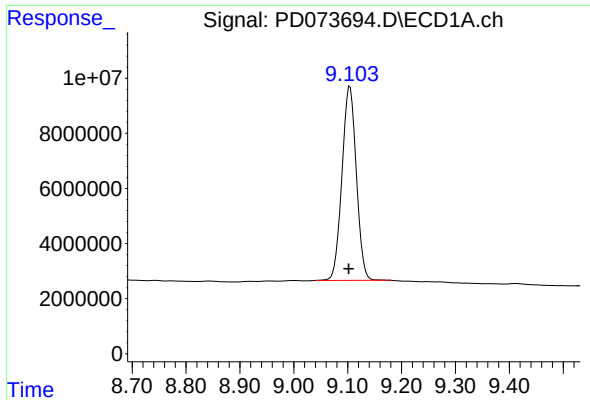
#22 Mirex

R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 94976322
Conc: 41.33 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: 0.000 min
Response: 47491376
Conc: 45.22 ng/ml



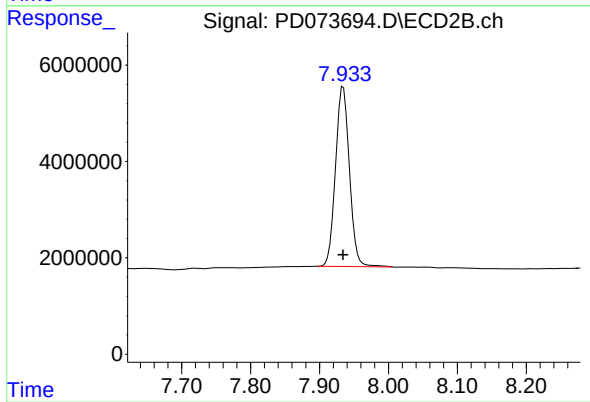
#28 Decachlorobiphenyl

R.T.: 9.104 min
Delta R.T.: 0.003 min
Response: 130388251
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2023
Supervised By :Ankita Jodhani 01/23/2023



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 52483417
Conc: 45.11 ng/ml