

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080423\
 Data File : PD077005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Aug 2023 08:55
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/07/2023
 Supervised By : Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:33:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.550	2.762	117.3E6	65932263	49.546	48.404
28) SA Decachlor...	9.093	7.907	135.5E6	67527365	49.453m	47.186
Target Compounds						
2) A alpha-BHC	4.007	3.264	199.4E6	96777628	51.927	50.031
3) MA gamma-BHC...	4.341	3.594	188.8E6	92755669	51.306	49.859
4) MA Heptachlor	4.932	3.934	183.6E6	89761952	50.916	49.410
5) MB Aldrin	5.276	4.214	189.5E6	91618084	51.277	49.480
6) B beta-BHC	4.538	3.892	72256140	36055847	48.016	47.261
7) B delta-BHC	4.787	4.121	181.8E6	87647608	52.116	49.261
8) B Heptachlo...	5.702	4.717	162.6E6	81447529	49.097	48.705
9) A Endosulfan I	6.089	5.088	152.2E6	75640168	50.081	48.489
10) B gamma-Chl...	5.959	4.967	163.5E6	80609598	50.229	48.595
11) B alpha-Chl...	6.038	5.032	163.9E6	81012143	49.992	48.511
12) B 4,4'-DDE	6.211	5.221	149.8E6	68850457	50.492	47.478
13) MA Dieldrin	6.365	5.353	166.9E6	82629947	50.974	49.051
14) MA Endrin	6.596	5.628	136.1E6	71053525	48.987	48.560
15) B Endosulfa...	6.815	5.922	138.6E6	68628771	43.557	46.558
16) A 4,4'-DDD	6.729	5.775	124.0E6	53020869	52.710	47.678
17) MA 4,4'-DDT	7.045	6.027	122.8E6	56135482	50.516	50.501
18) B Endrin al...	6.946	6.102	107.8E6	55222304	49.326	48.509
19) B Endosulfa...	7.180	6.325	129.7E6	65012668	49.783	48.746
20) A Methoxychlor	7.521	6.602	69211577	28229402	48.848	47.211
21) B Endrin ke...	7.667	6.832	151.9E6	77123471	50.440	48.643
22) Mirex	8.142	7.013	111.3E6	62387428	48.818	48.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080423\
Data File : PD077005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2023 08:55
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

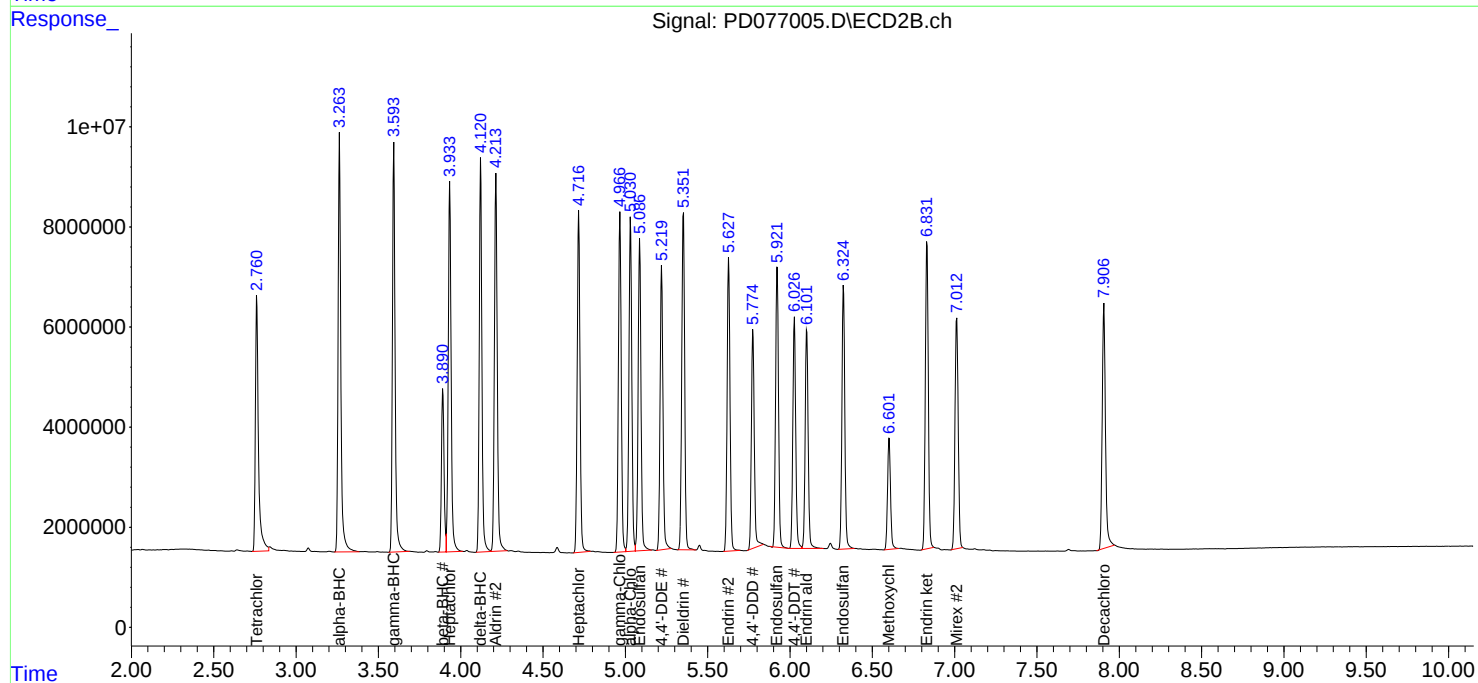
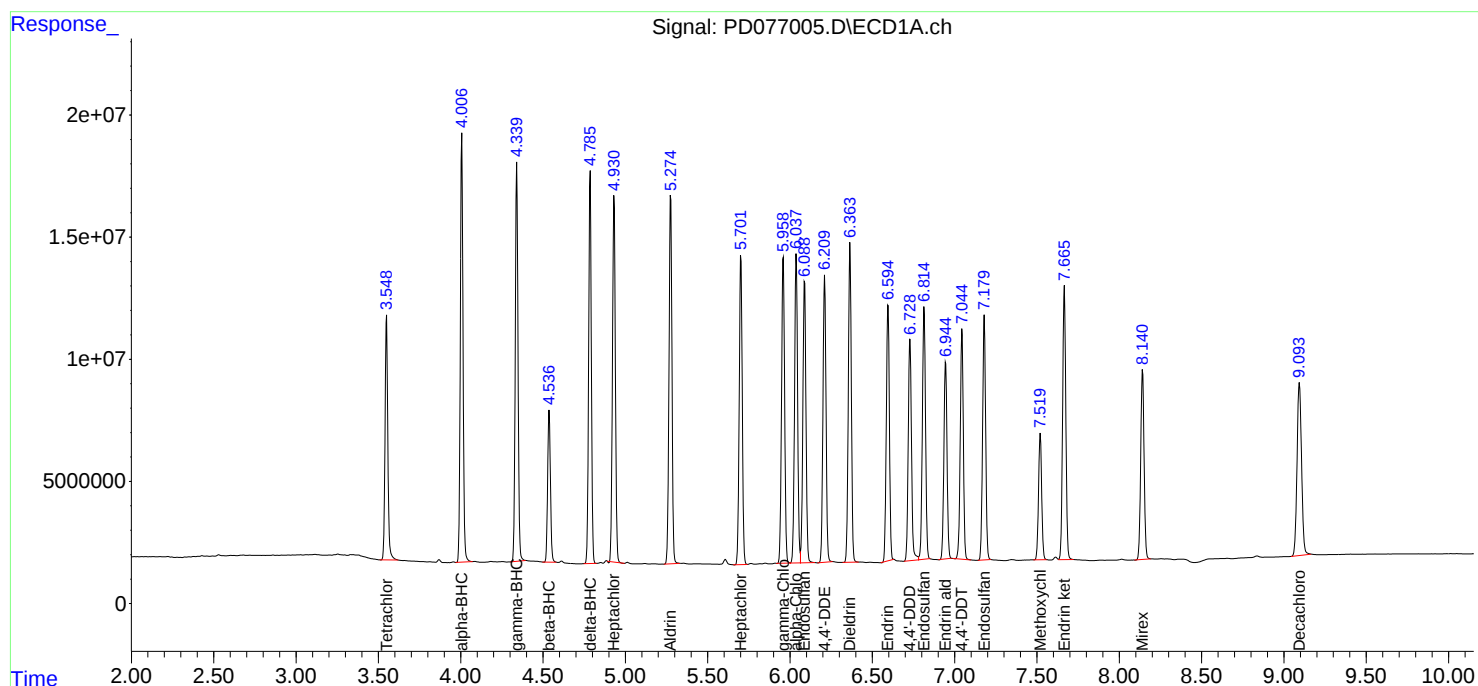
Instrument :
ECD_D
ClientSampleId :
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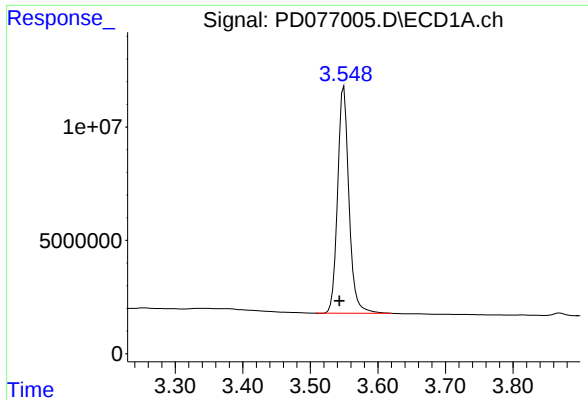
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:33:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
Quant Title : GC Extractables
QLast Update : Thu Aug 03 14:17:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





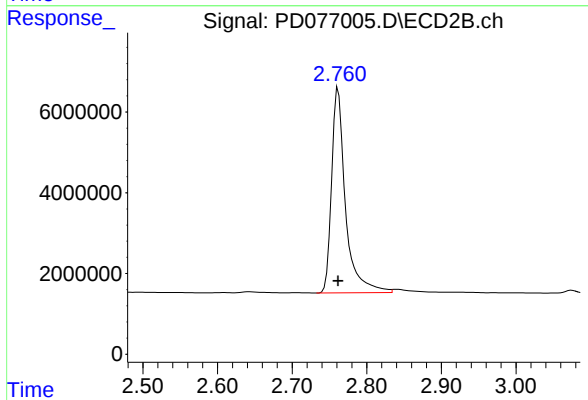
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.007 min
Response: 117250543
Conc: 49.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

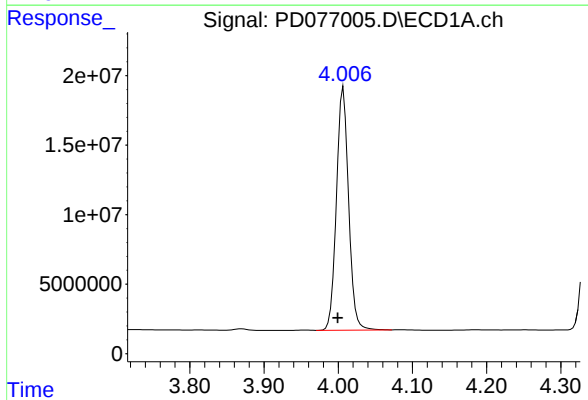
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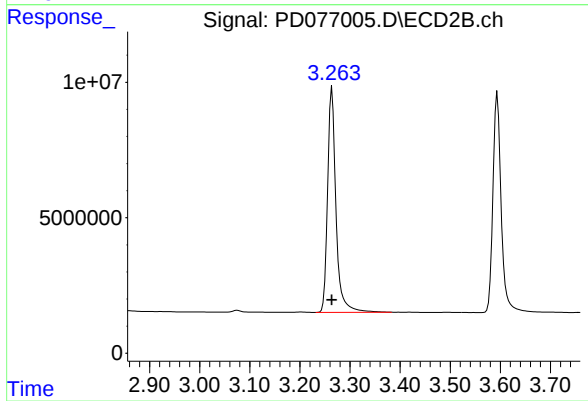
#1 Tetrachloro-m-xylene

R.T.: 2.762 min
Delta R.T.: 0.000 min
Response: 65932263
Conc: 48.40 ng/ml



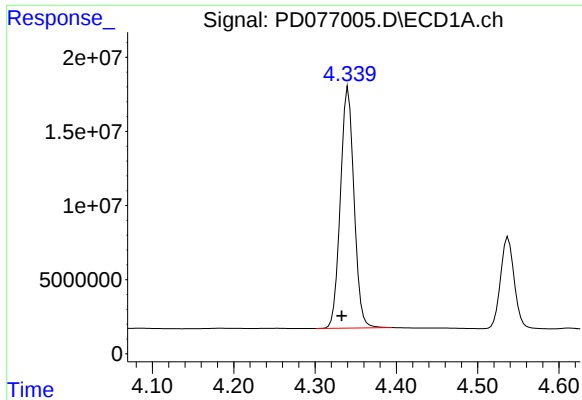
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.007 min
Response: 199385687
Conc: 51.93 ng/ml



#2 alpha-BHC

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 96777628
Conc: 50.03 ng/ml



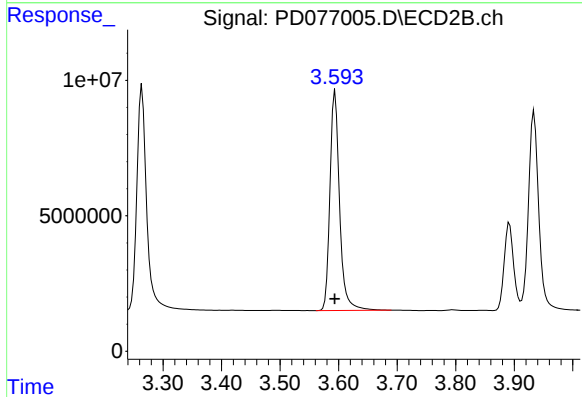
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.008 min
Response: 188842067
Conc: 51.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

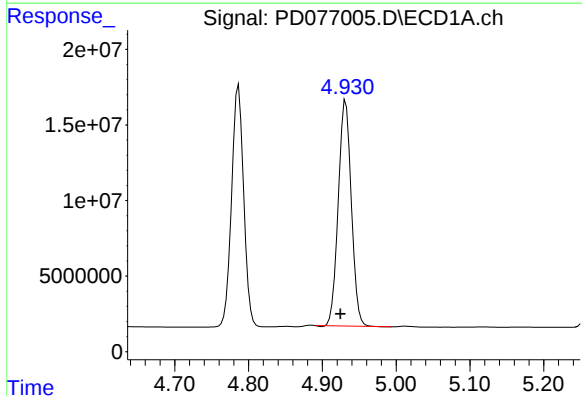
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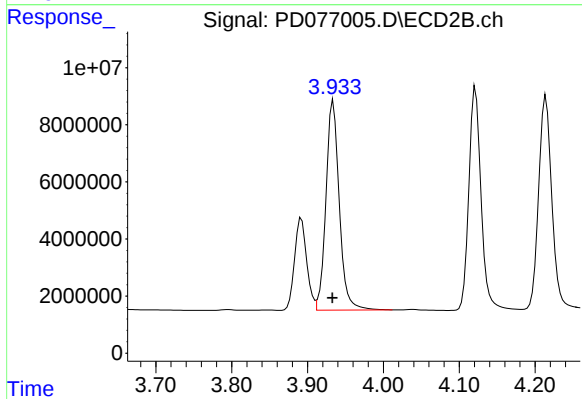
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 92755669
Conc: 49.86 ng/ml



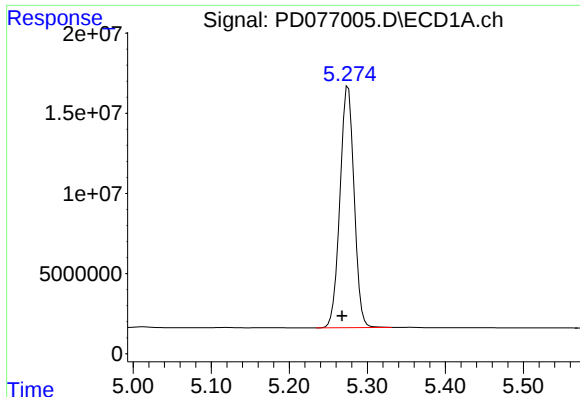
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.007 min
Response: 183603329
Conc: 50.92 ng/ml



#4 Heptachlor

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 89761952
Conc: 49.41 ng/ml



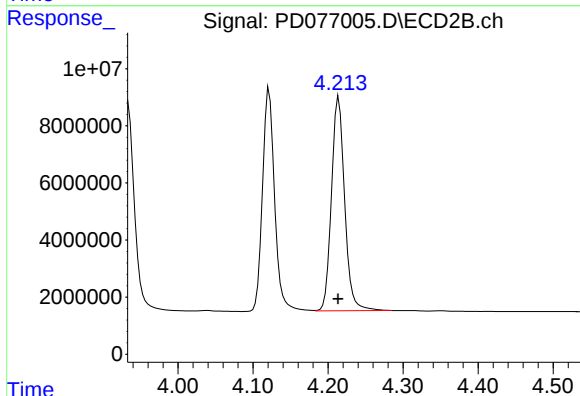
#5 Aldrin

R.T.: 5.276 min
Delta R.T.: 0.008 min
Response: 189499699
Conc: 51.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

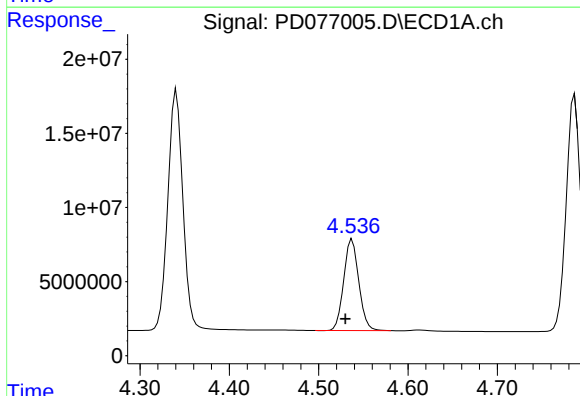
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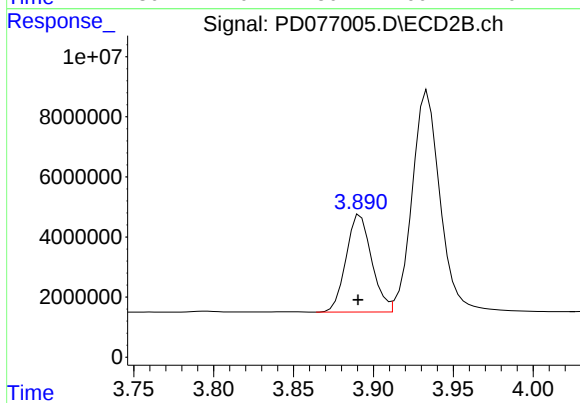
#5 Aldrin

R.T.: 4.214 min
Delta R.T.: 0.000 min
Response: 91618084
Conc: 49.48 ng/ml



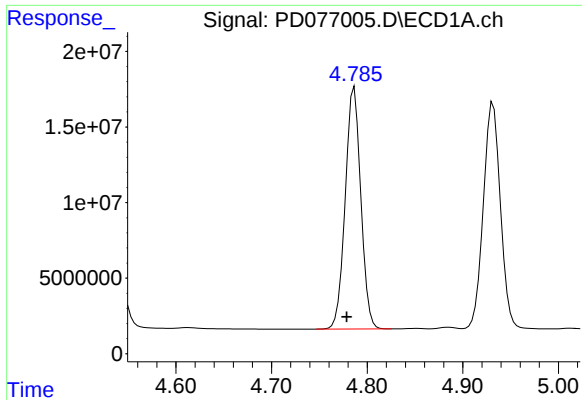
#6 beta-BHC

R.T.: 4.538 min
Delta R.T.: 0.008 min
Response: 72256140
Conc: 48.02 ng/ml



#6 beta-BHC

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 36055847
Conc: 47.26 ng/ml



#7 delta-BHC

R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 181814763
Conc: 52.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

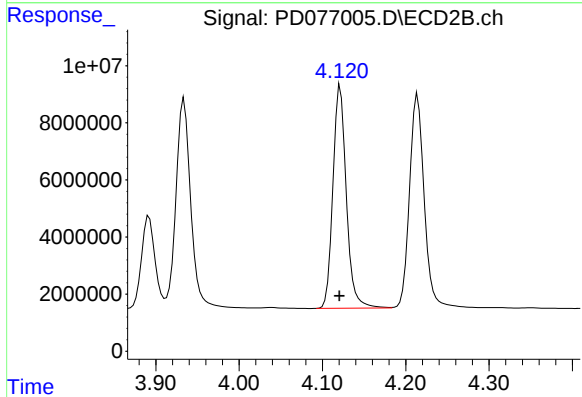
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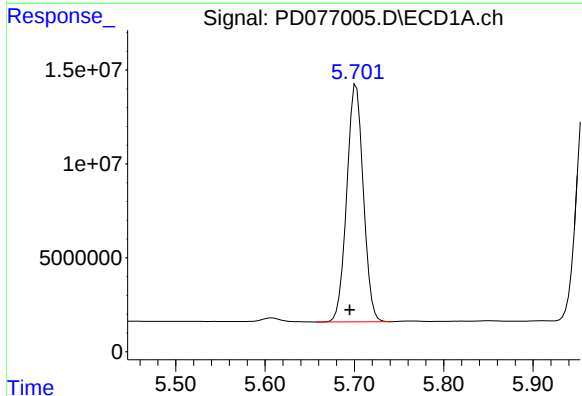
Reviewed By :Abdul Mirza 08/07/2023

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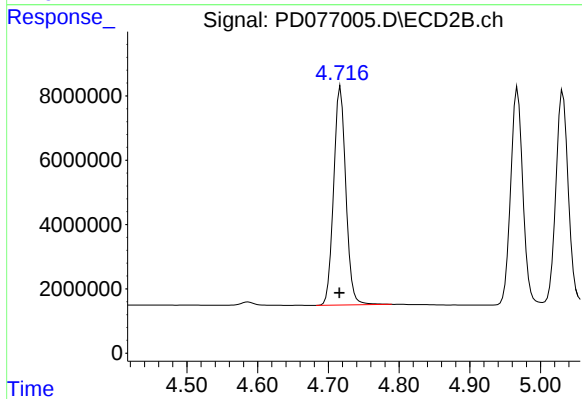
#7 delta-BHC

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 87647608
Conc: 49.26 ng/ml



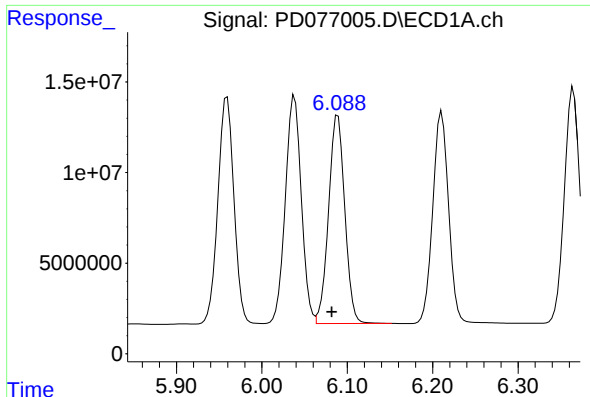
#8 Heptachlor epoxide

R.T.: 5.702 min
Delta R.T.: 0.007 min
Response: 162569385
Conc: 49.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.002 min
Response: 81447529
Conc: 48.71 ng/ml



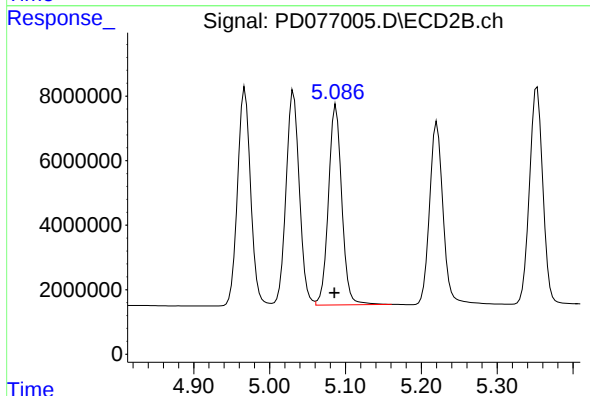
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.007 min
Response: 152203263
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

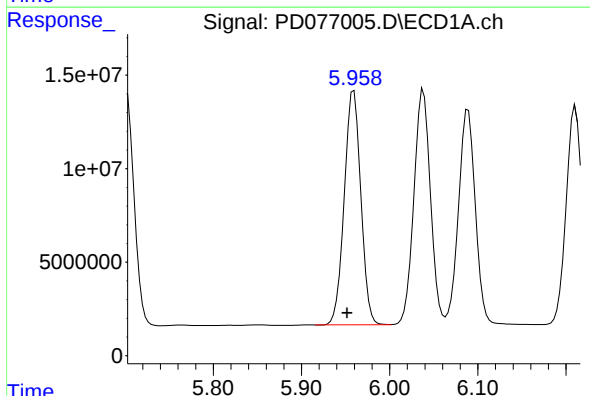
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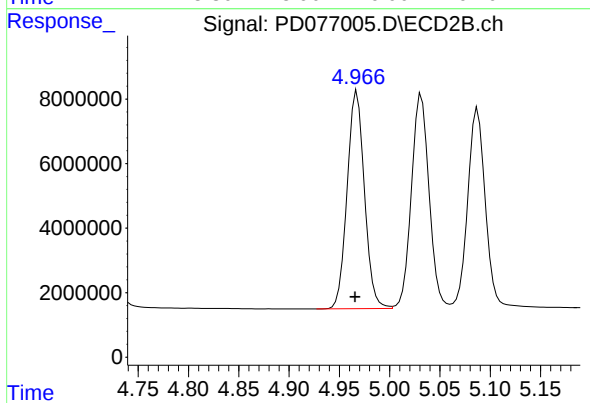
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.002 min
Response: 75640168
Conc: 48.49 ng/ml



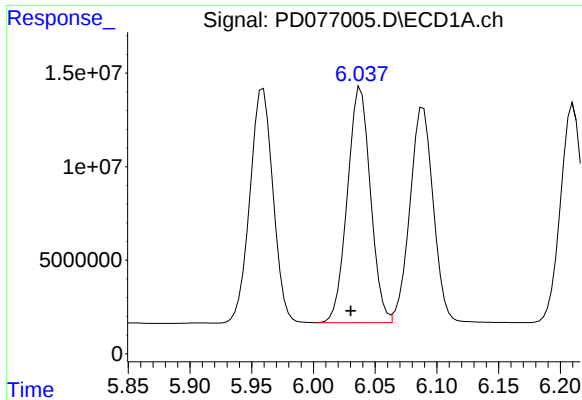
#10 gamma-Chlordane

R.T.: 5.959 min
Delta R.T.: 0.008 min
Response: 163478444
Conc: 50.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.002 min
Response: 80609598
Conc: 48.59 ng/ml



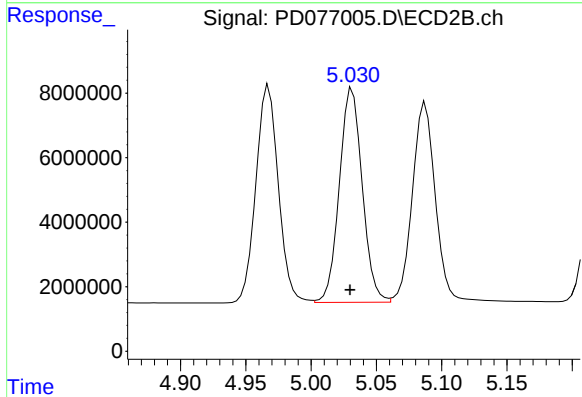
#11 alpha-Chlordane

R.T.: 6.038 min
Delta R.T.: 0.008 min
Response: 163931430
Conc: 49.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

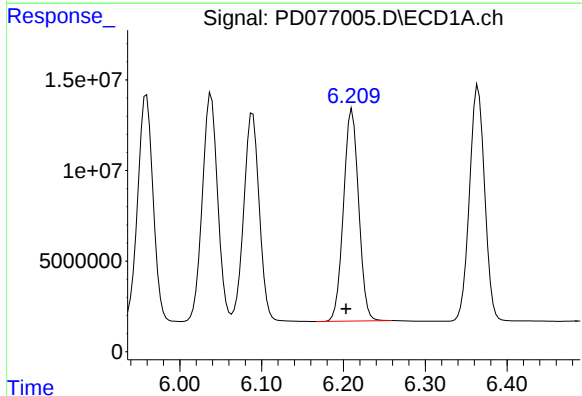
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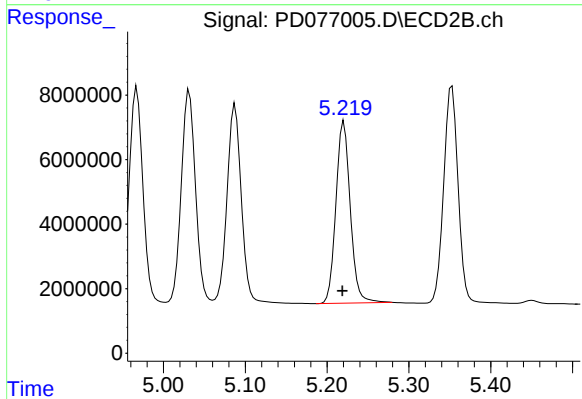
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.002 min
Response: 81012143
Conc: 48.51 ng/ml



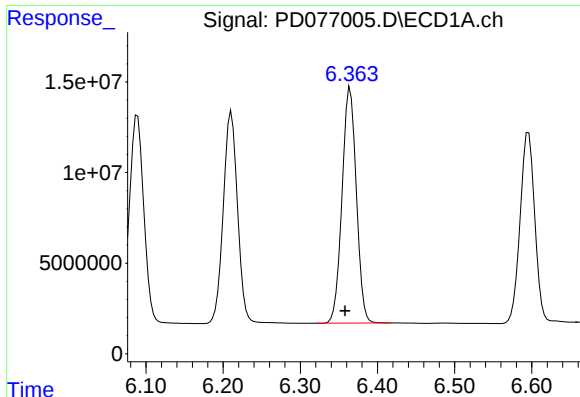
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.007 min
Response: 149782869
Conc: 50.49 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.002 min
Response: 68850457
Conc: 47.48 ng/ml



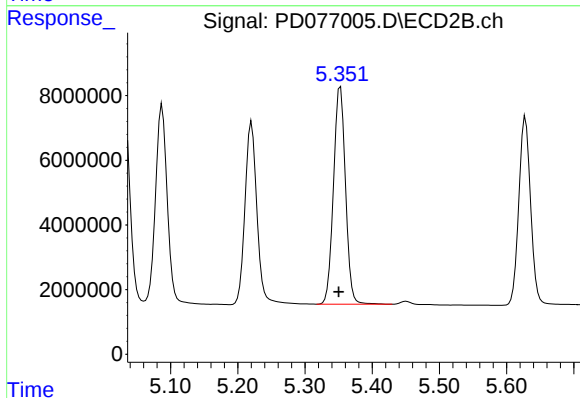
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.007 min
Response: 166877642
Conc: 50.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

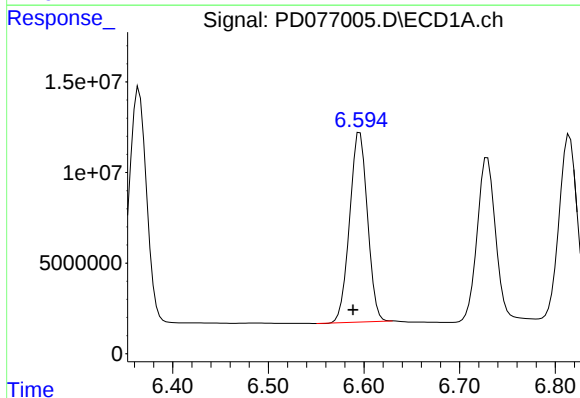
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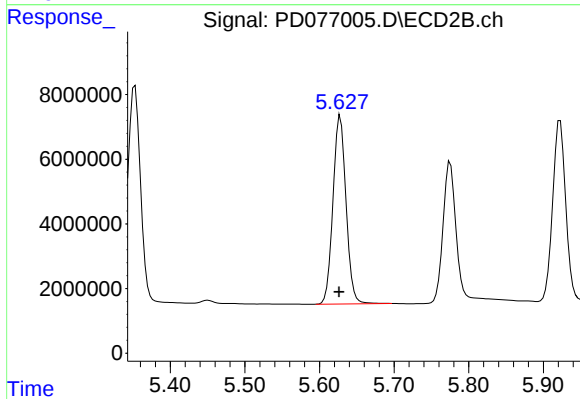
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 82629947
Conc: 49.05 ng/ml



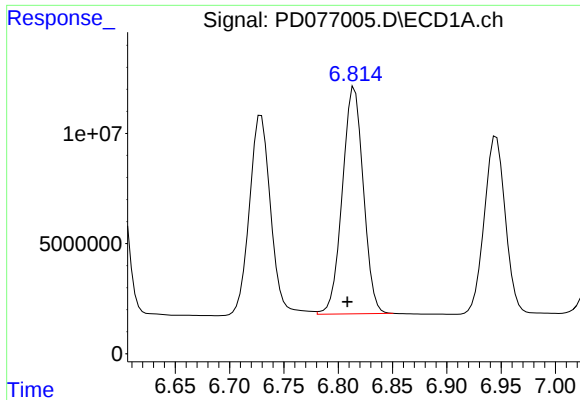
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 136119561
Conc: 48.99 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 71053525
Conc: 48.56 ng/ml



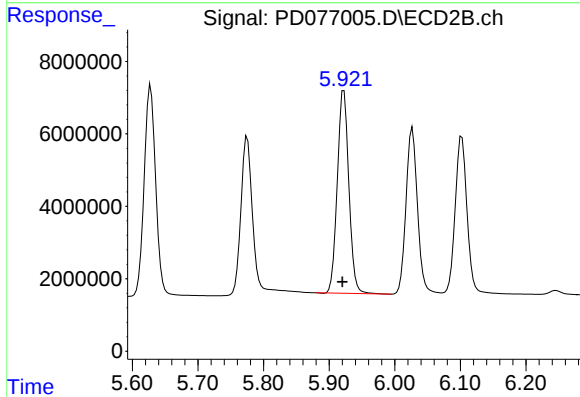
#15 Endosulfan II

R.T.: 6.815 min
Delta R.T.: 0.006 min
Response: 138589348
Conc: 43.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

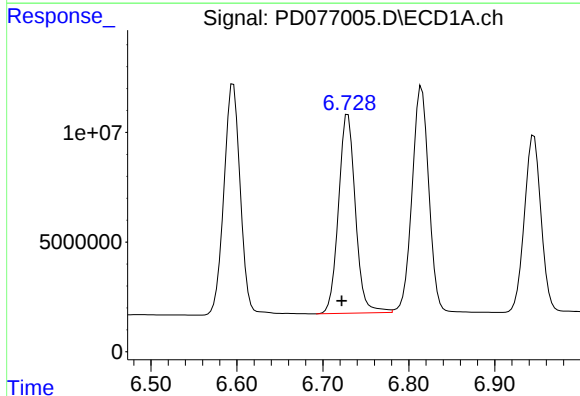
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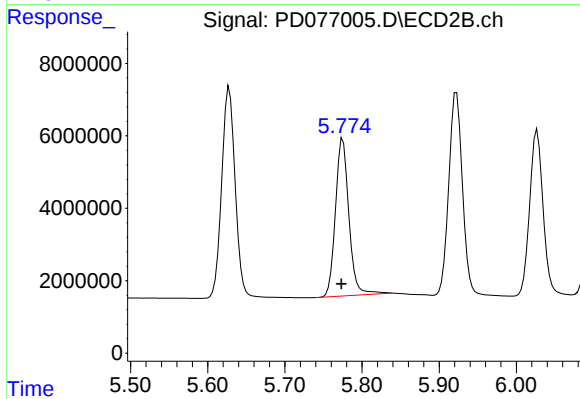
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.002 min
Response: 68628771
Conc: 46.56 ng/ml



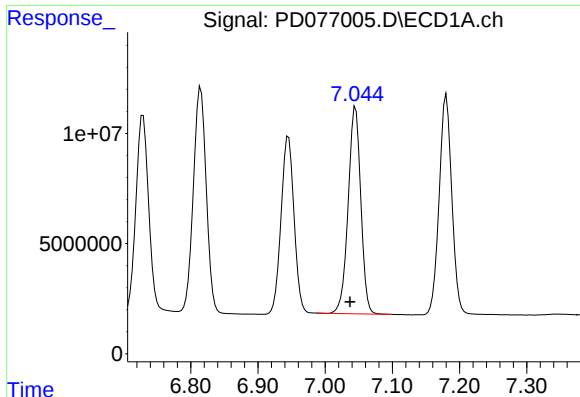
#16 4,4'-DDD

R.T.: 6.729 min
Delta R.T.: 0.007 min
Response: 124006690
Conc: 52.71 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: 0.002 min
Response: 53020869
Conc: 47.68 ng/ml



#17 4,4'-DDT

R.T.: 7.045 min
Delta R.T.: 0.008 min
Response: 122836355
Conc: 50.52 ng/ml

Instrument :

ECD_D

ClientSampleId :

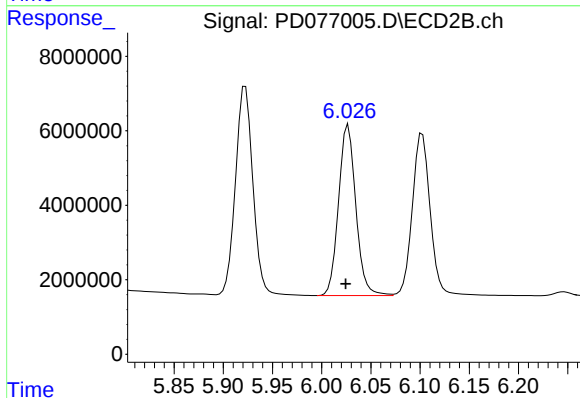
PSTDCCC050

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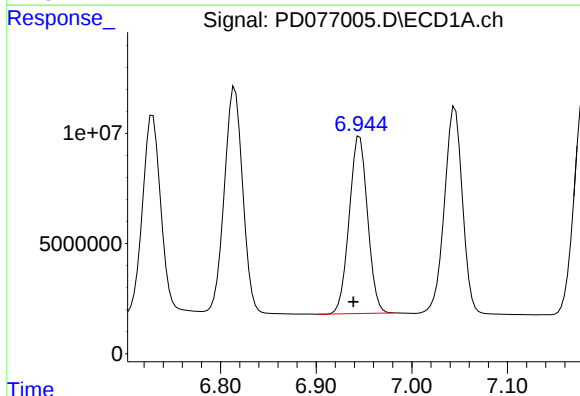
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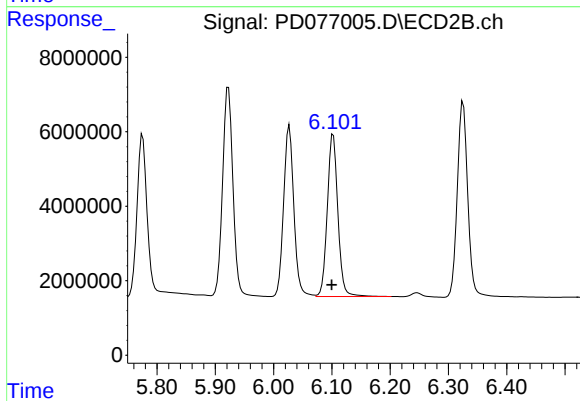
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 56135482
Conc: 50.50 ng/ml



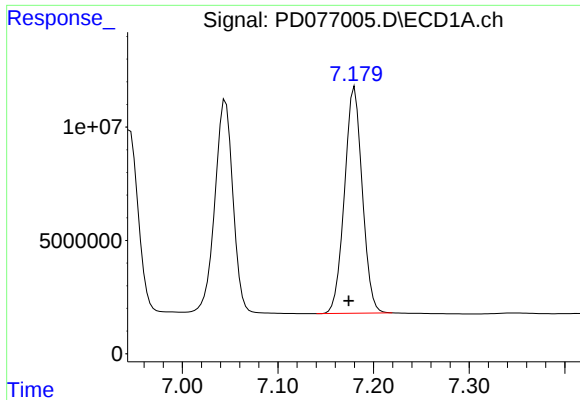
#18 Endrin aldehyde

R.T.: 6.946 min
Delta R.T.: 0.007 min
Response: 107754663
Conc: 49.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 55222304
Conc: 48.51 ng/ml



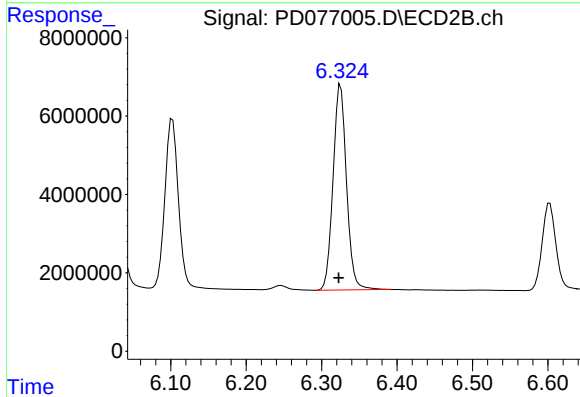
#19 Endosulfan Sulfate

R.T.: 7.180 min
Delta R.T.: 0.006 min
Response: 129704905
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

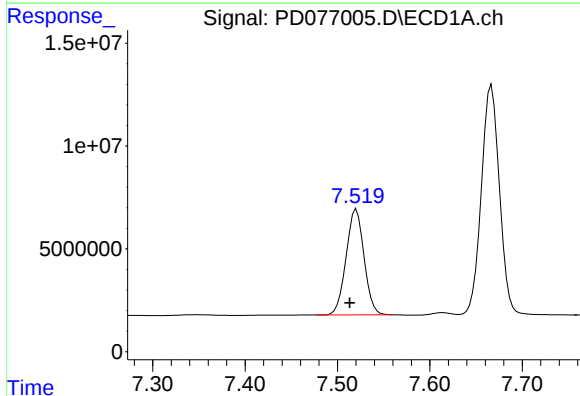
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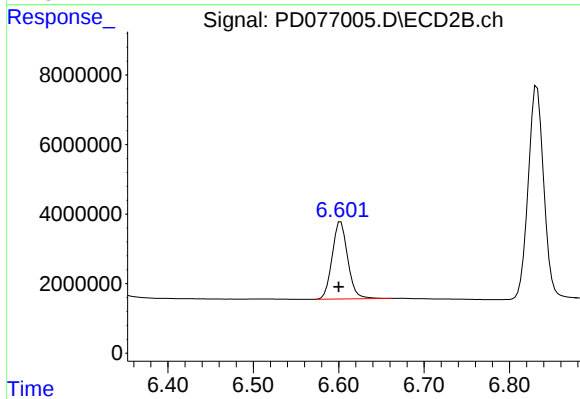
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 65012668
Conc: 48.75 ng/ml



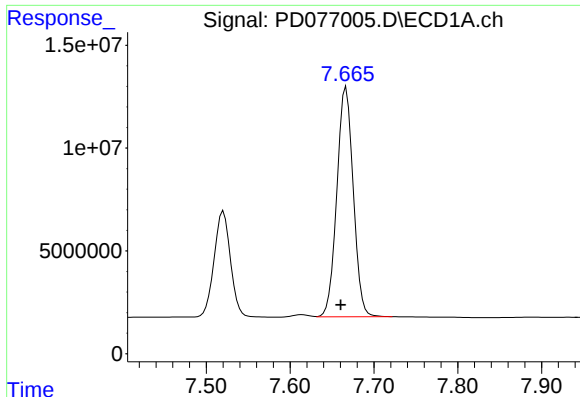
#20 Methoxychlor

R.T.: 7.521 min
Delta R.T.: 0.007 min
Response: 69211577
Conc: 48.85 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 28229402
Conc: 47.21 ng/ml



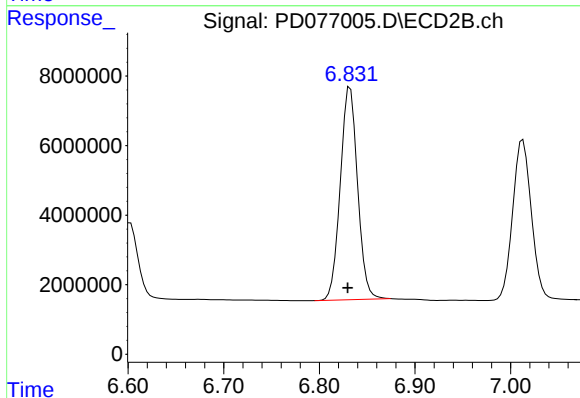
#21 Endrin ketone

R.T.: 7.667 min
Delta R.T.: 0.006 min
Response: 151913608
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

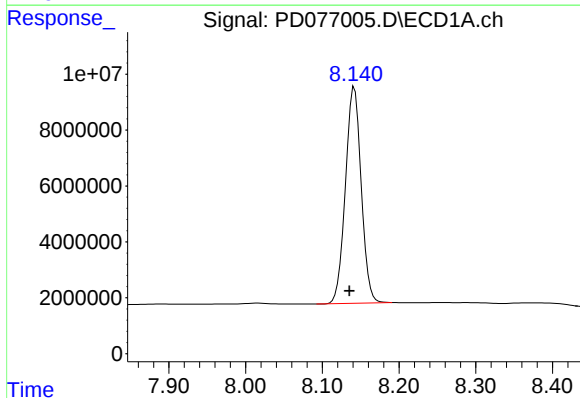
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023



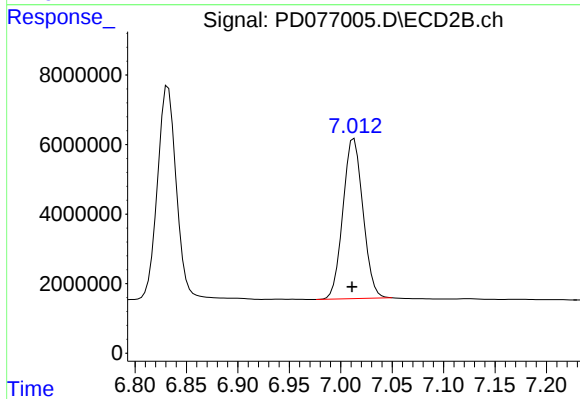
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: 0.003 min
Response: 77123471
Conc: 48.64 ng/ml



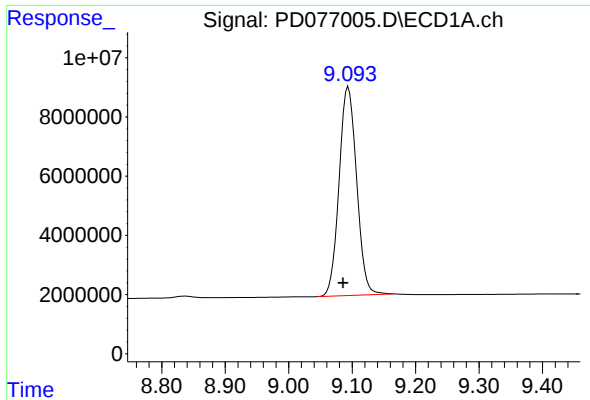
#22 Mirex

R.T.: 8.142 min
Delta R.T.: 0.007 min
Response: 111348540
Conc: 48.82 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.002 min
Response: 62387428
Conc: 48.18 ng/ml



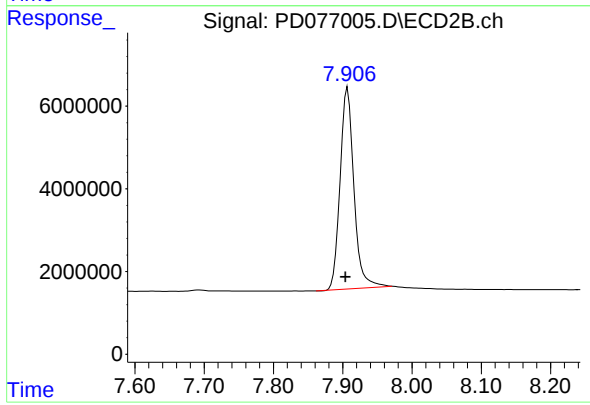
#28 Decachlorobiphenyl

R.T.: 9.093 min
Delta R.T.: 0.007 min
Response: 135510686
Conc: 49.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 67527365
Conc: 47.19 ng/ml