

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122422\
 Data File : PD073482.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 22:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/27/2022
 Supervised By :Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 06:43:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 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 x0.2 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...	2.694	3.456	97355462	4618.1E6	46.452	46.957
28)	SA Decachlor...	7.823	8.908	112.8E6	982.9E6	46.571	55.758
Target Compounds							
2)	A alpha-BHC	3.196	3.920	169.8E6	6619.3E6	49.104	49.524
3)	MA gamma-BHC...	3.526	4.254	146.2E6	4854.5E6	53.163	49.199
4)	MA Heptachlor	3.858	4.820	157.0E6	3323.1E6	50.191	52.147
5)	MB Aldrin	4.137	5.158	153.2E6	2946.2E6	49.459	53.470
6)	B beta-BHC	3.828	4.469	62554259	1682.4E6	49.260	49.650
7)	B delta-BHC	4.057	4.713	156.6E6	3731.9E6	49.729	56.242
8)	B Heptachlo...	4.642	5.589	136.5E6	2479.4E6	49.248	55.619m
9)	A Endosulfan I	5.011	5.974	128.8E6	2309.9E6	48.651	55.639
10)	B gamma-Chl...	4.890	5.843	139.1E6	2366.3E6	48.749	52.938
11)	B alpha-Chl...	4.954	5.920	139.5E6	2417.2E6	49.507	55.237
12)	B 4,4'-DDE	5.142	6.093	139.7E6	2368.4E6	51.579	56.041
13)	MA Dieldrin	5.277	6.252	137.2E6	2424.5E6	48.616	57.714
14)	MA Endrin	5.554	6.484	124.2E6	1085.3E6	48.380	33.035 #
15)	B Endosulfa...	5.851	6.714	112.0E6	1765.2E6	47.411m	55.567
16)	A 4,4'-DDD	5.700	6.618	111.2E6	1778.1E6	49.322	56.912
17)	MA 4,4'-DDT	5.949	6.927	105.2E6	1702.4E6	47.478	56.335
18)	B Endrin al...	6.034	6.845	88332341	1319.9E6	46.927	56.302
19)	B Endosulfa...	6.257	7.078	113.9E6	1571.1E6	47.941	57.424
20)	A Methoxychlor	6.533	7.406	63705452	760.1E6	47.798	56.160
21)	B Endrin ke...	6.768	7.567	133.5E6	1549.8E6	49.143	56.447
22)	Mirex	6.933	8.016	99500466	934.2E6	47.868	53.410

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

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 Acq On : 23 Dec 2022 22:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

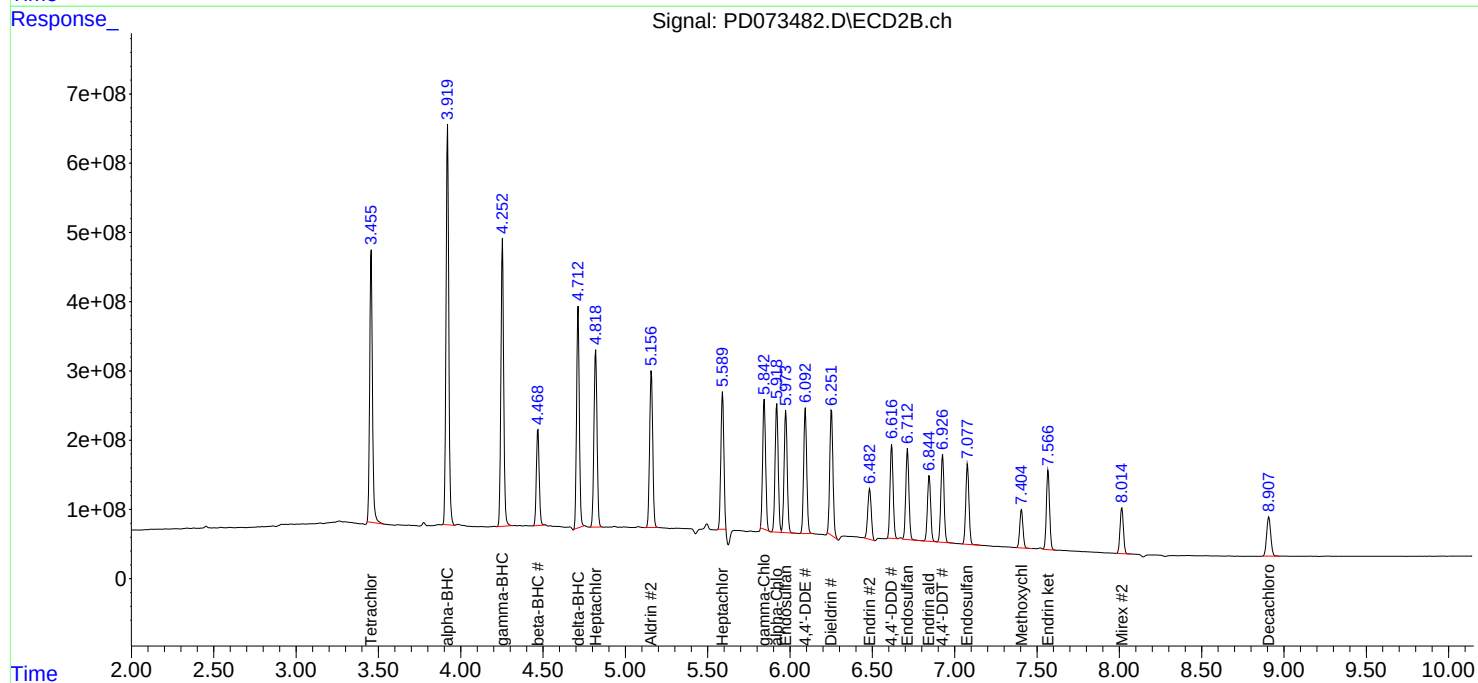
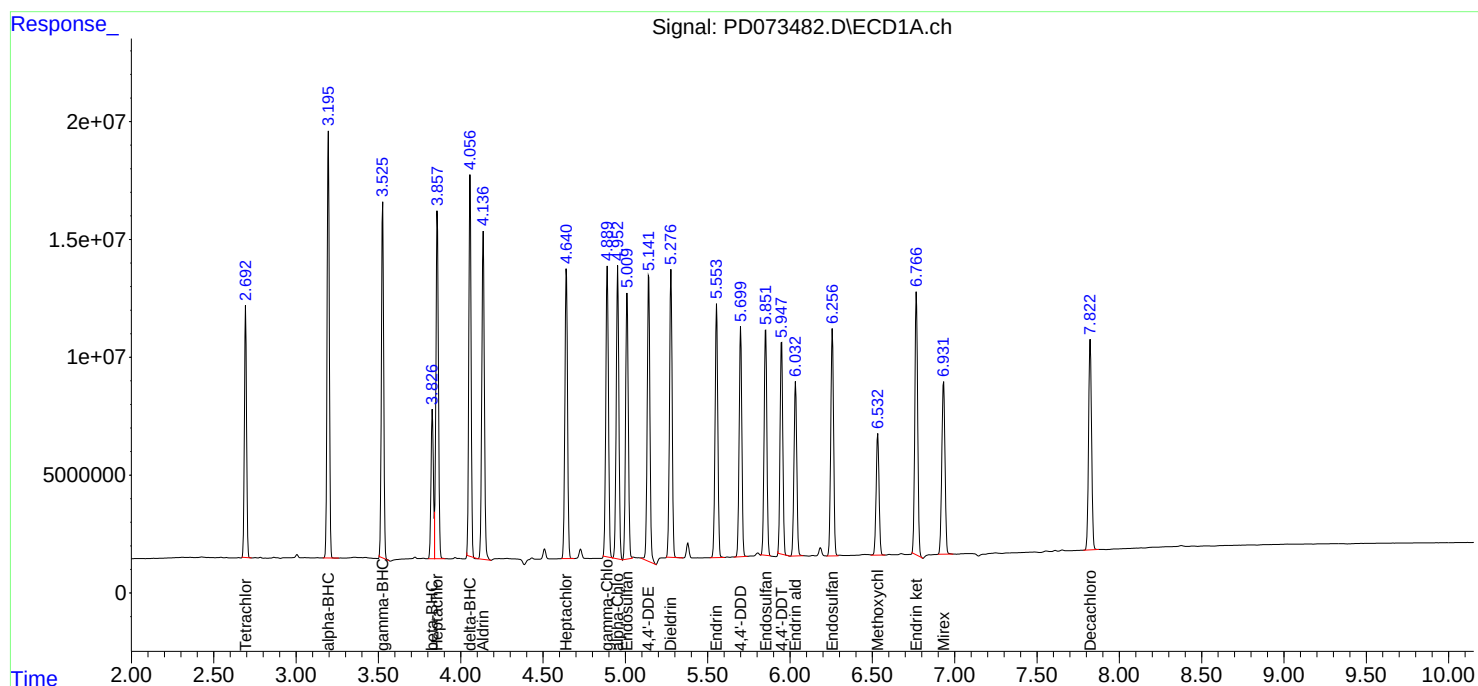
Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

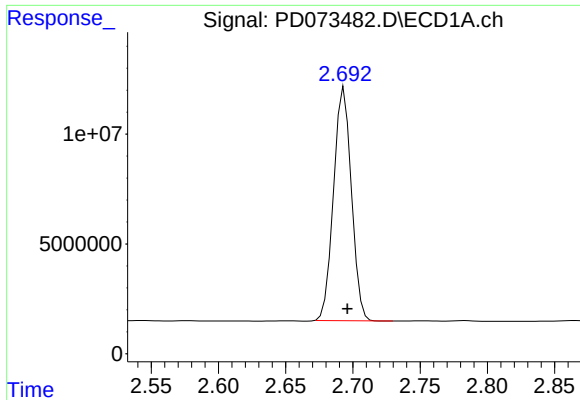
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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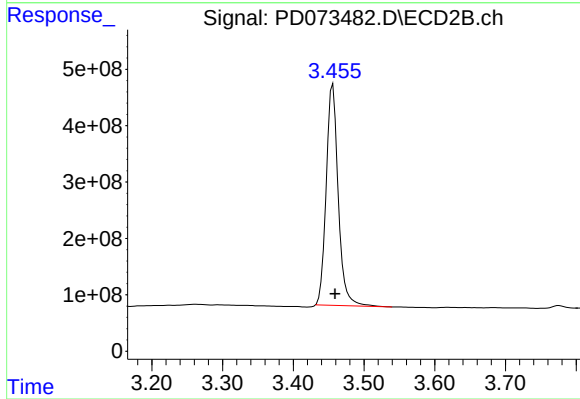
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 97355462
Conc: 46.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

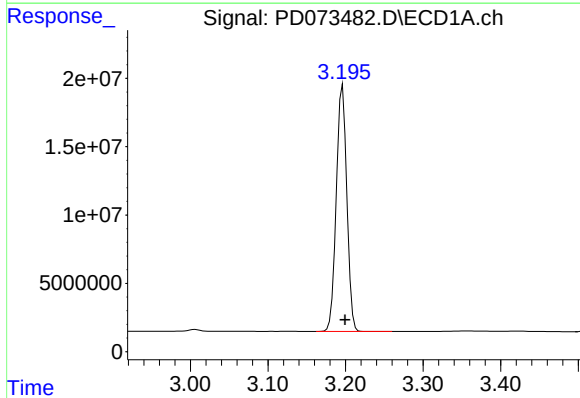
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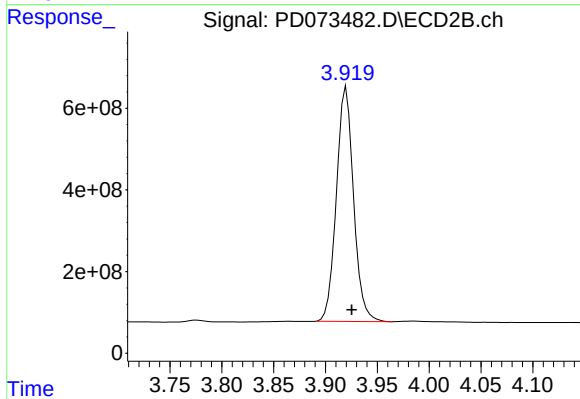
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.003 min
Response: 4618110489
Conc: 46.96 ng/ml



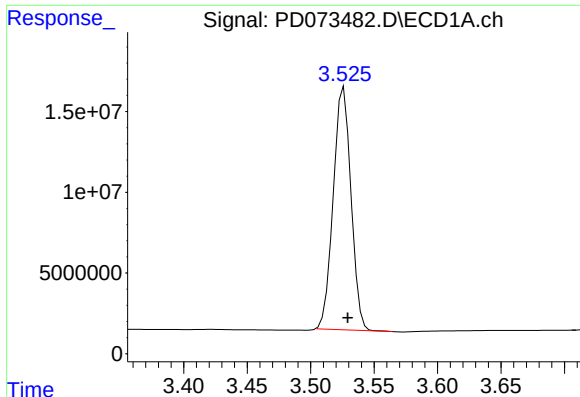
#2 alpha-BHC

R.T.: 3.196 min
Delta R.T.: -0.003 min
Response: 169845356
Conc: 49.10 ng/ml



#2 alpha-BHC

R.T.: 3.920 min
Delta R.T.: -0.005 min
Response: 6619304034
Conc: 49.52 ng/ml



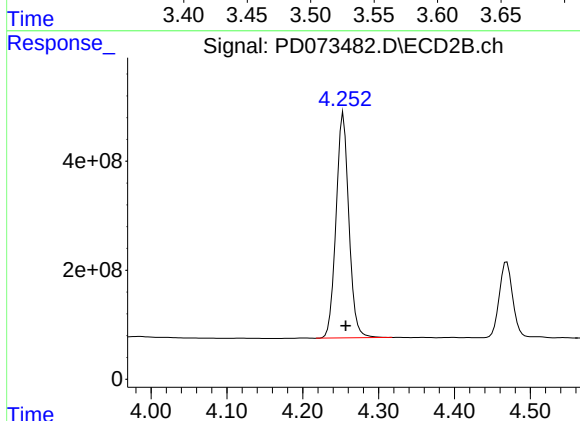
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: -0.003 min
Response: 146183224
Conc: 53.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

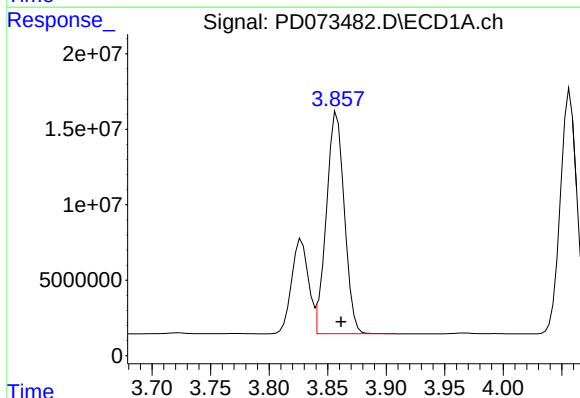
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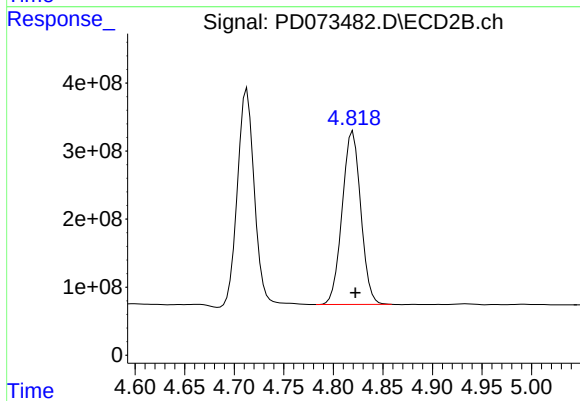
#3 gamma-BHC (Lindane)

R.T.: 4.254 min
Delta R.T.: -0.003 min
Response: 4854499743
Conc: 49.20 ng/ml



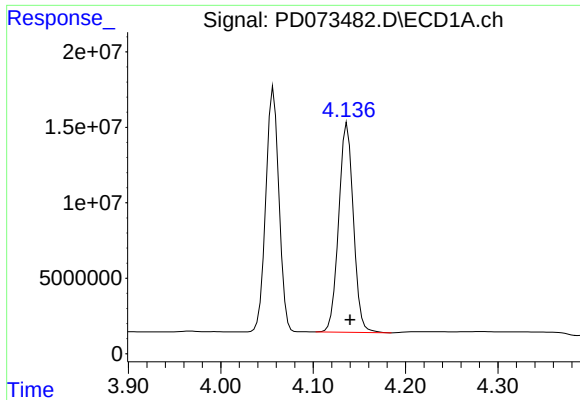
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 157010765
Conc: 50.19 ng/ml



#4 Heptachlor

R.T.: 4.820 min
Delta R.T.: -0.003 min
Response: 3323084258
Conc: 52.15 ng/ml



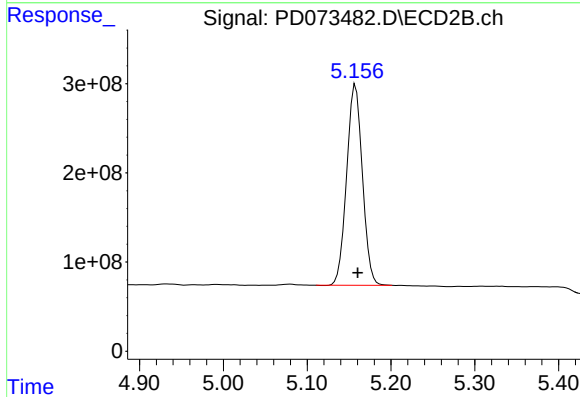
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 153230334
Conc: 49.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

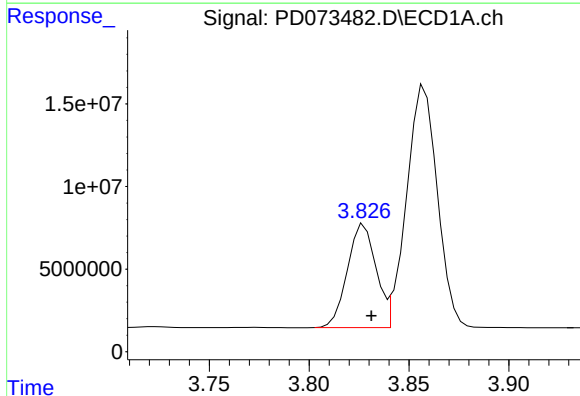
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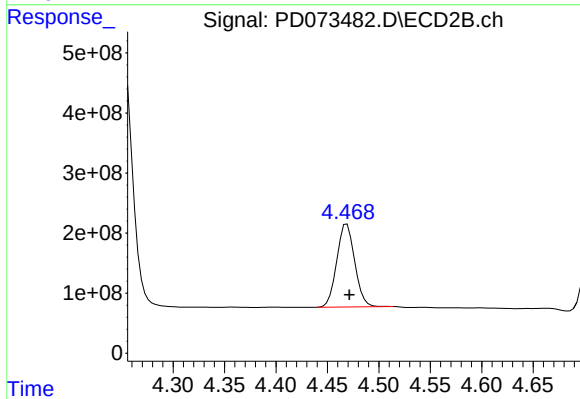
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 2946179091
Conc: 53.47 ng/ml



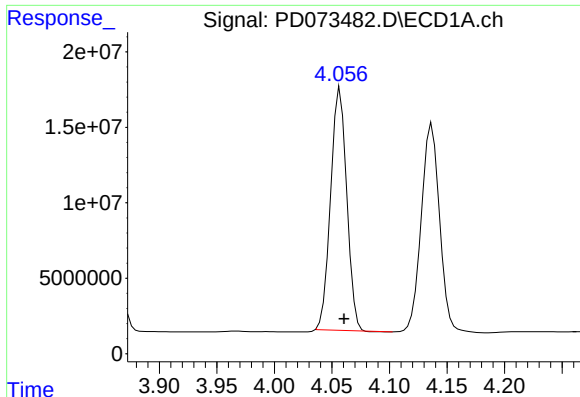
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 62554259
Conc: 49.26 ng/ml



#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: -0.003 min
Response: 1682398031
Conc: 49.65 ng/ml



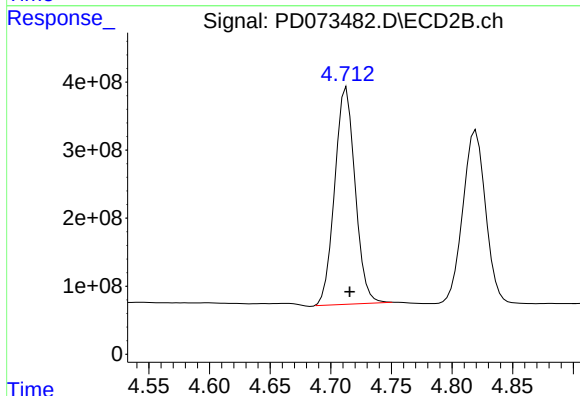
#7 delta-BHC

R.T.: 4.057 min
Delta R.T.: -0.003 min
Response: 156567918
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

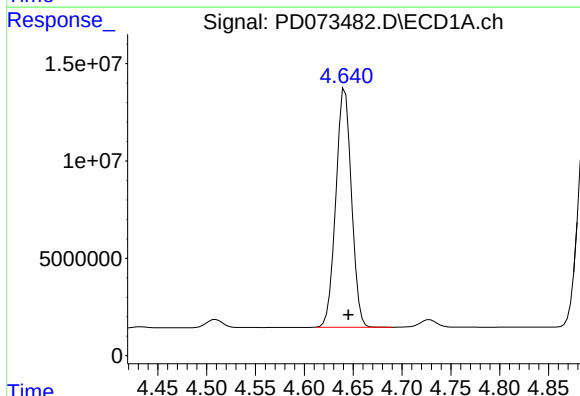
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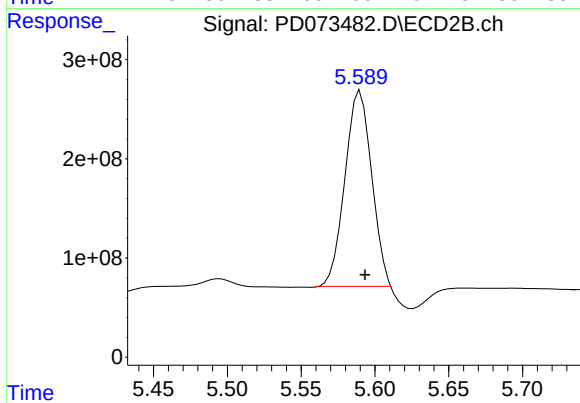
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 3731862760
Conc: 56.24 ng/ml



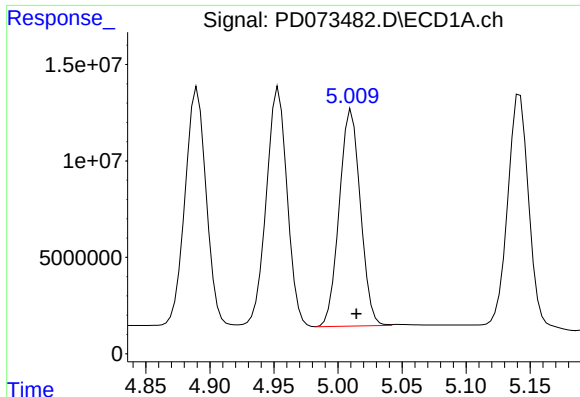
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 136496941
Conc: 49.25 ng/ml



#8 Heptachlor epoxide

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 2479423480
Conc: 55.62 ng/ml m



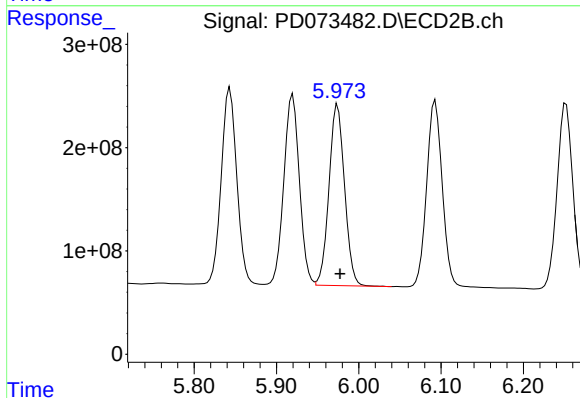
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 128758990
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

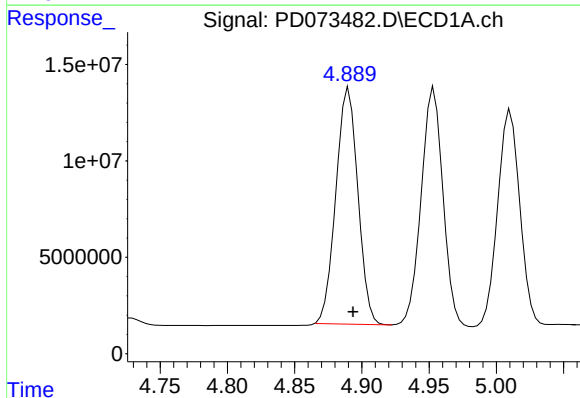
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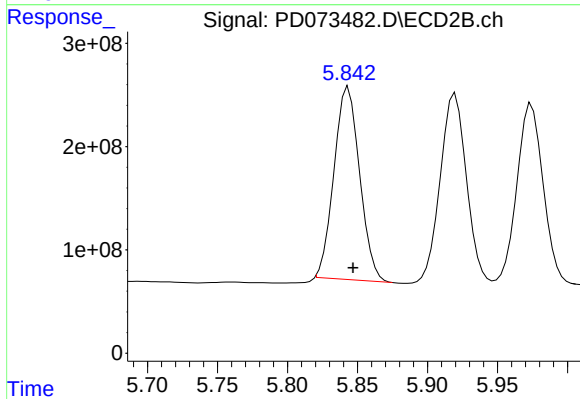
#9 Endosulfan I

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 2309936549
Conc: 55.64 ng/ml



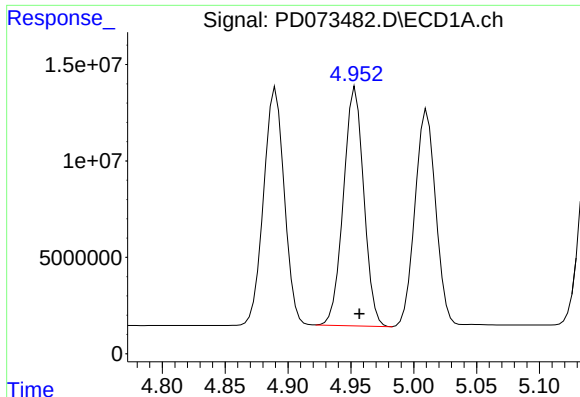
#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 139099226
Conc: 48.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 2366288434
Conc: 52.94 ng/ml



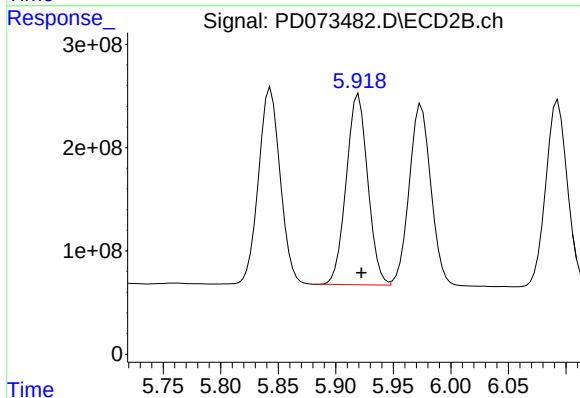
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 139473643
Conc: 49.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

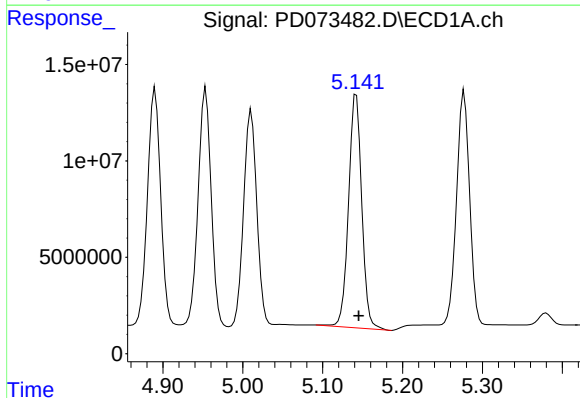
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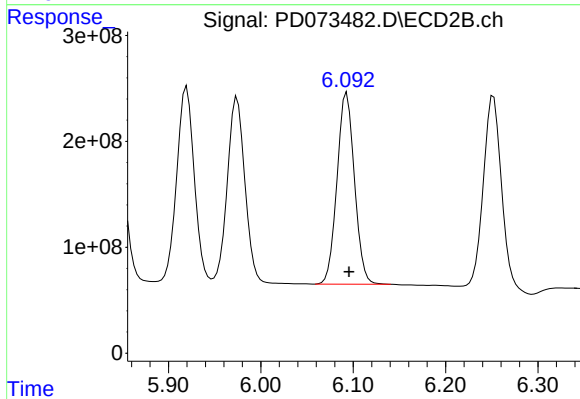
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 2417247668
Conc: 55.24 ng/ml



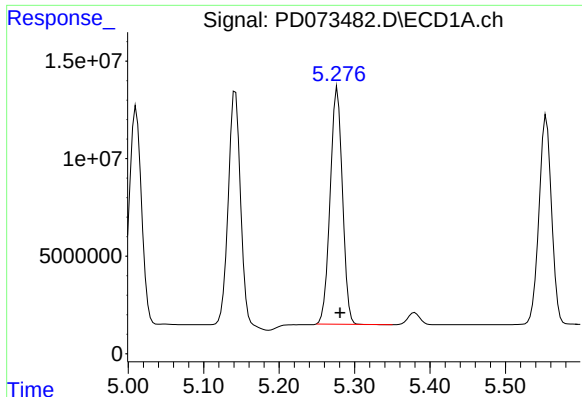
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 139665904
Conc: 51.58 ng/ml



#12 4,4'-DDE

R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2368364906
Conc: 56.04 ng/ml



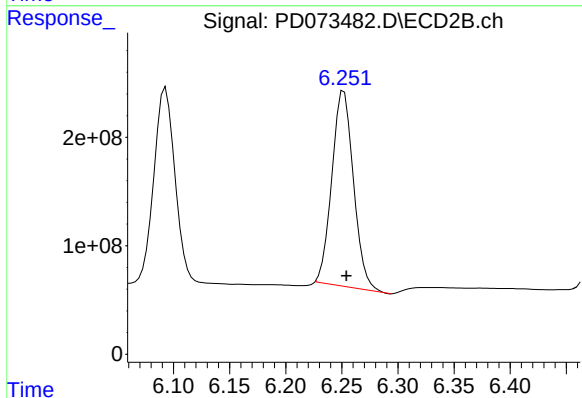
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.003 min
Response: 137193158
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

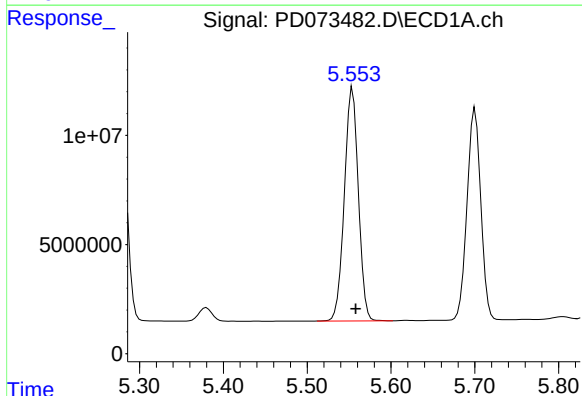
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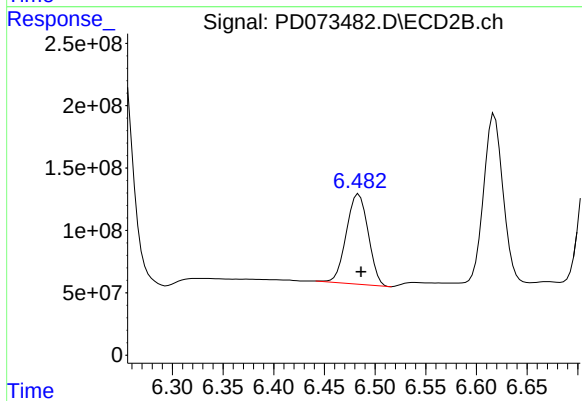
#13 Dieldrin

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 2424540687
Conc: 57.71 ng/ml



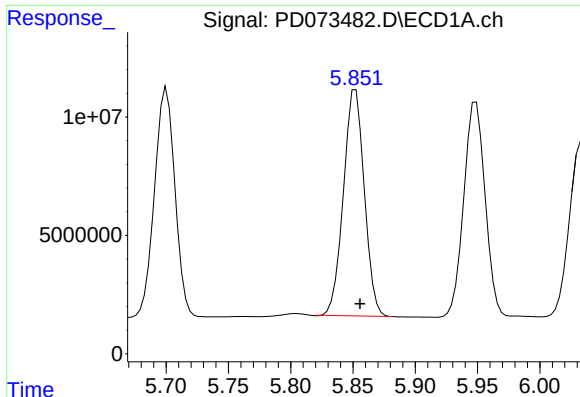
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 124225037
Conc: 48.38 ng/ml



#14 Endrin

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 1085334817
Conc: 33.04 ng/ml



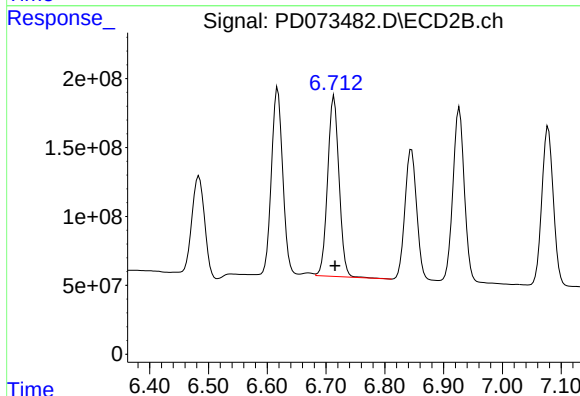
#15 Endosulfan II

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 112014445
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

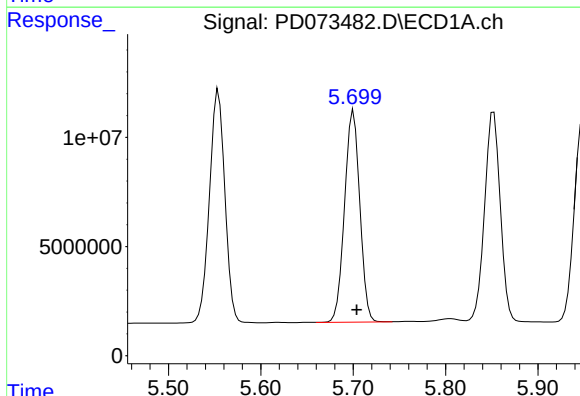
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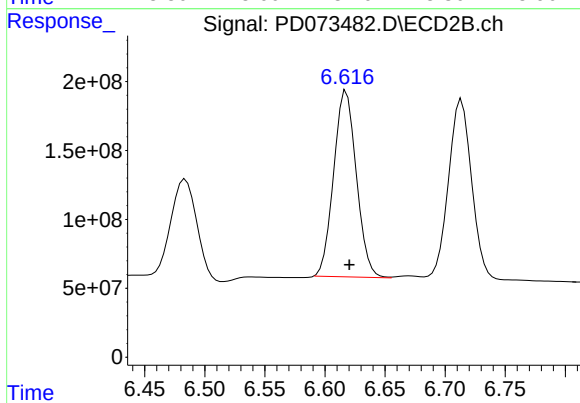
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.002 min
Response: 1765186062
Conc: 55.57 ng/ml



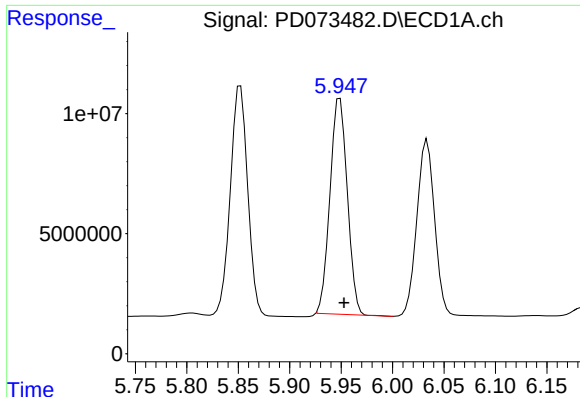
#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 111243621
Conc: 49.32 ng/ml



#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 1778100145
Conc: 56.91 ng/ml



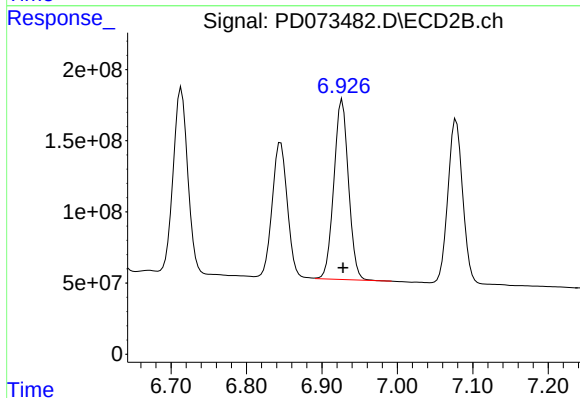
#17 4,4'-DDT

R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 105172233
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

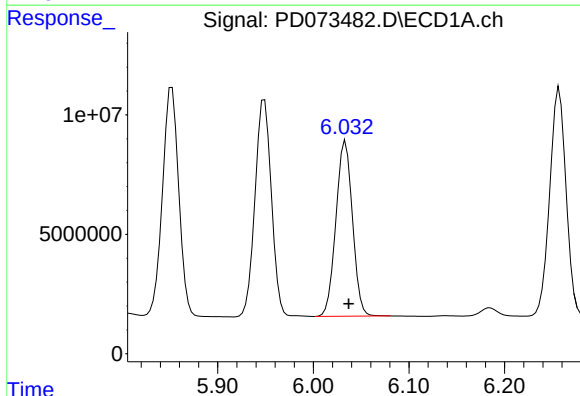
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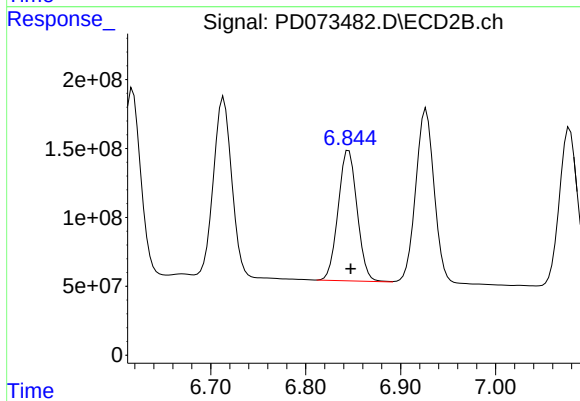
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 1702393197
Conc: 56.33 ng/ml



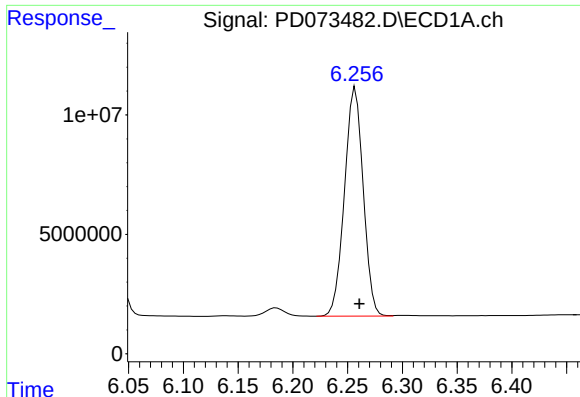
#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 88332341
Conc: 46.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 1319907338
Conc: 56.30 ng/ml



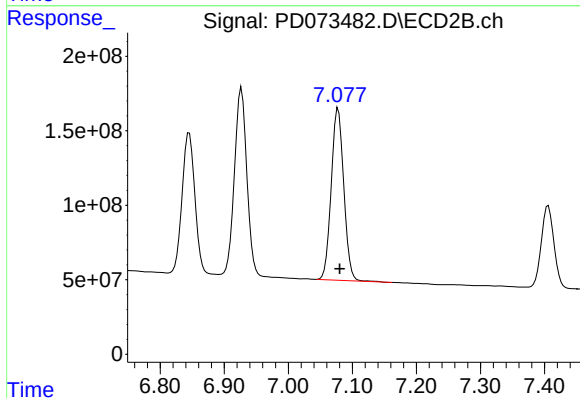
#19 Endosulfan Sulfate

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 113948176
Conc: 47.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

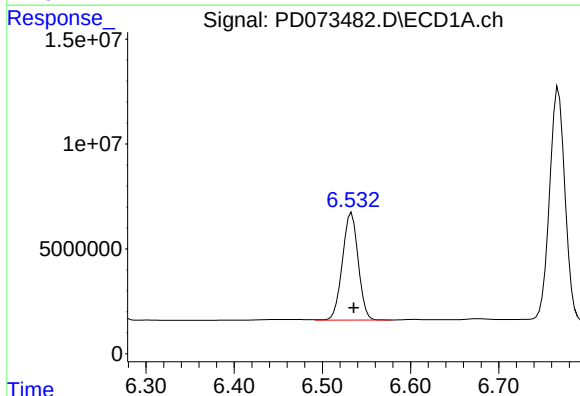
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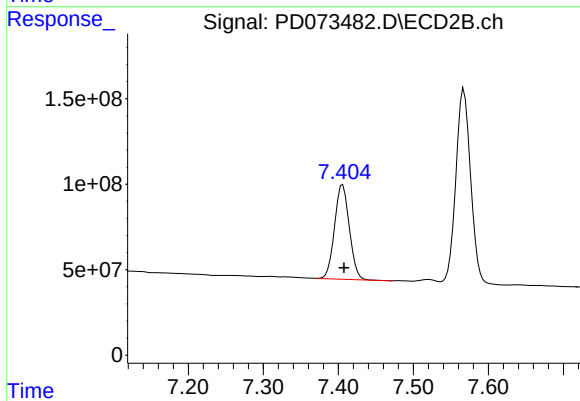
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.002 min
Response: 1571118178
Conc: 57.42 ng/ml



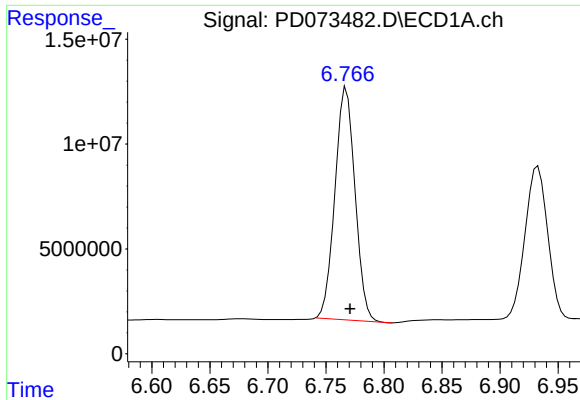
#20 Methoxychlor

R.T.: 6.533 min
Delta R.T.: -0.003 min
Response: 63705452
Conc: 47.80 ng/ml



#20 Methoxychlor

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 760146988
Conc: 56.16 ng/ml



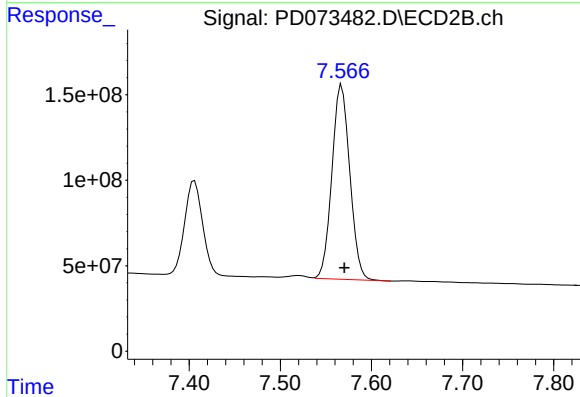
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 133544623
Conc: 49.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

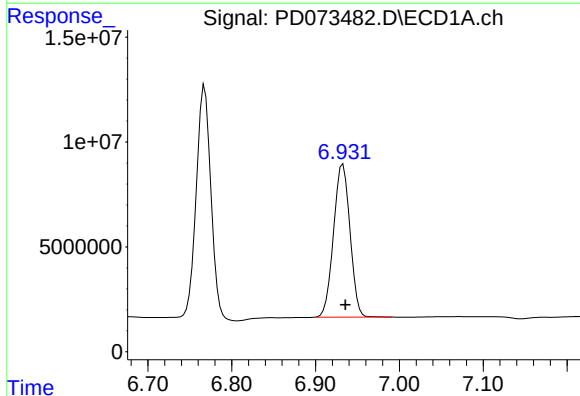
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/27/2022
Supervised By :Ankita Jodhani 12/28/2022



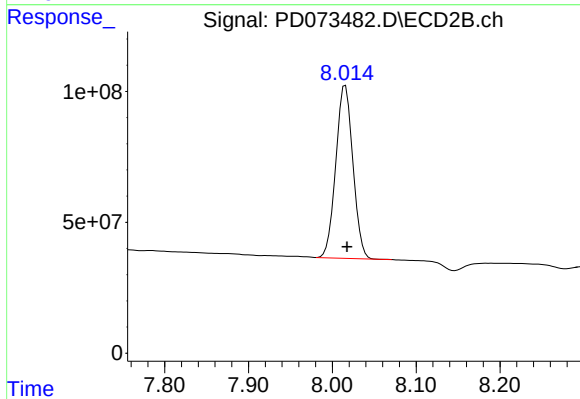
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.003 min
Response: 1549837965
Conc: 56.45 ng/ml



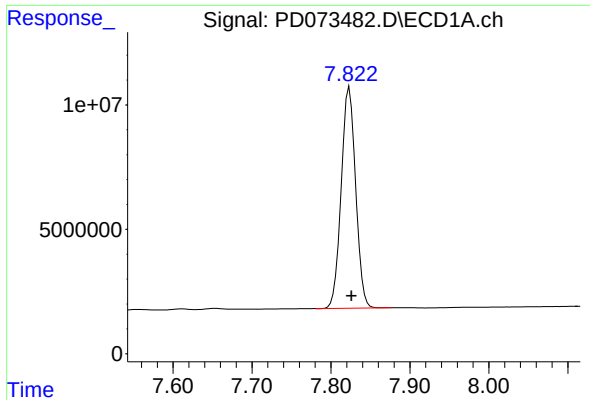
#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: 99500466
Conc: 47.87 ng/ml



#22 Mirex

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 934164545
Conc: 53.41 ng/ml



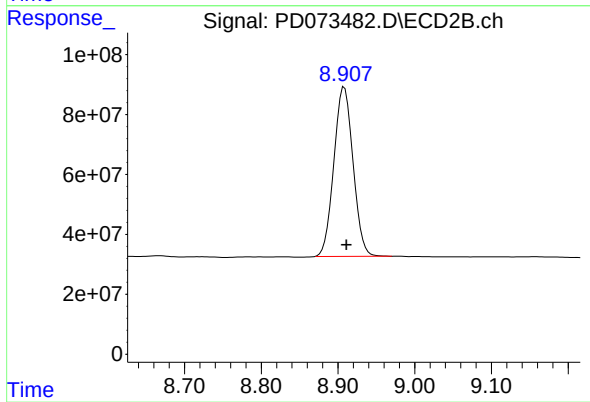
#28 Decachlorobiphenyl

R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 112759341
Conc: 46.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 982889778
Conc: 55.76 ng/ml