

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
 Data File : PD074865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 02:48
 Operator : AR\AJ
 Sample : 02423-15MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SPE-2WC-23-04-18MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 05:57:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 18 13:17:37 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...	3.547	2.768	29440947	15269643	12.343	11.714
2)	SA Decachlor...	9.073f	7.915	54357953	9796261	17.900	7.344 #
Target Compounds							
2)	A alpha-BHC	4.004	3.271	169.1E6	80609475	40.649	41.285
3)	MA gamma-BHC...	4.335	3.601	147.3E6	74236808	37.957m	40.905
4)	MA Heptachlor	4.929	3.942	126.0E6	62850197	32.205	33.980
5)	MB Aldrin	5.272	4.223	149.0E6	75014753	38.778	40.576
6)	B beta-BHC	4.532	3.897	59519465	31736778	35.480	39.075
7)	B delta-BHC	4.780	4.128	149.8E6	72116005	46.981	38.355
8)	B Heptachlo...	5.699	4.725	136.9E6	59993796	42.359	35.378
9)	A Endosulfan I	6.085	5.096	120.3E6	50511984	36.857	31.498
10)	B gamma-Chl...	5.955	4.976	160.9E6	79218480	46.384	45.751
11)	B alpha-Chl...	6.036	5.040	157.3E6	63185218	45.289	36.882
12)	B 4,4'-DDE	6.206	5.230	157.0E6	65743253	48.969	41.918
13)	MA Dieldrin	6.361	5.361	153.6E6	73410392	45.035	43.724
14)	MA Endrin	6.592	5.636	106.8E6	49408678	36.756	32.743
15)	B Endosulfa...	6.810	5.930	105.6E6	46249370	36.809	33.635
16)	A 4,4'-DDD	6.724	5.784	139.5E6	48767472	52.654	36.991 #
17)	MA 4,4'-DDT	7.039	6.035	137.2E6	60248622	47.091m	44.609
18)	B Endrin al...	6.939	6.109	86246941	37878836	37.559m	33.931
19)	B Endosulfa...	7.174	6.332	122.1E6	53235331	42.257	38.522
20)	A Methoxychlor	7.515	6.609	49391496	14368973	30.330	19.064m#
21)	B Endrin ke...	7.660	6.838	113.7E6	40887253	34.914m	25.020m#
22)	Mirex	8.136	7.020	95268158	30677069	38.366m	23.775m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042123\
Data File : PD074865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2023 02:48
Operator : AR\AJ
Sample : 02423-15MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

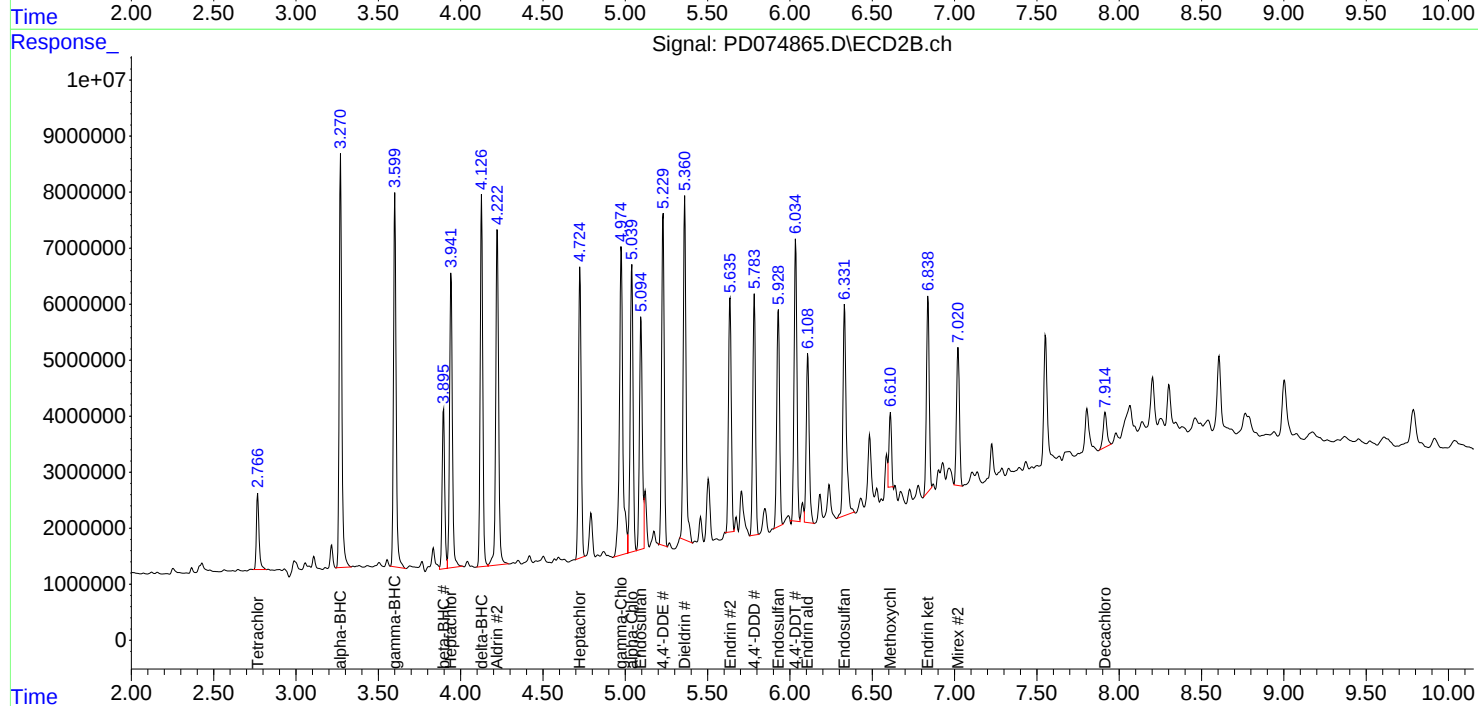
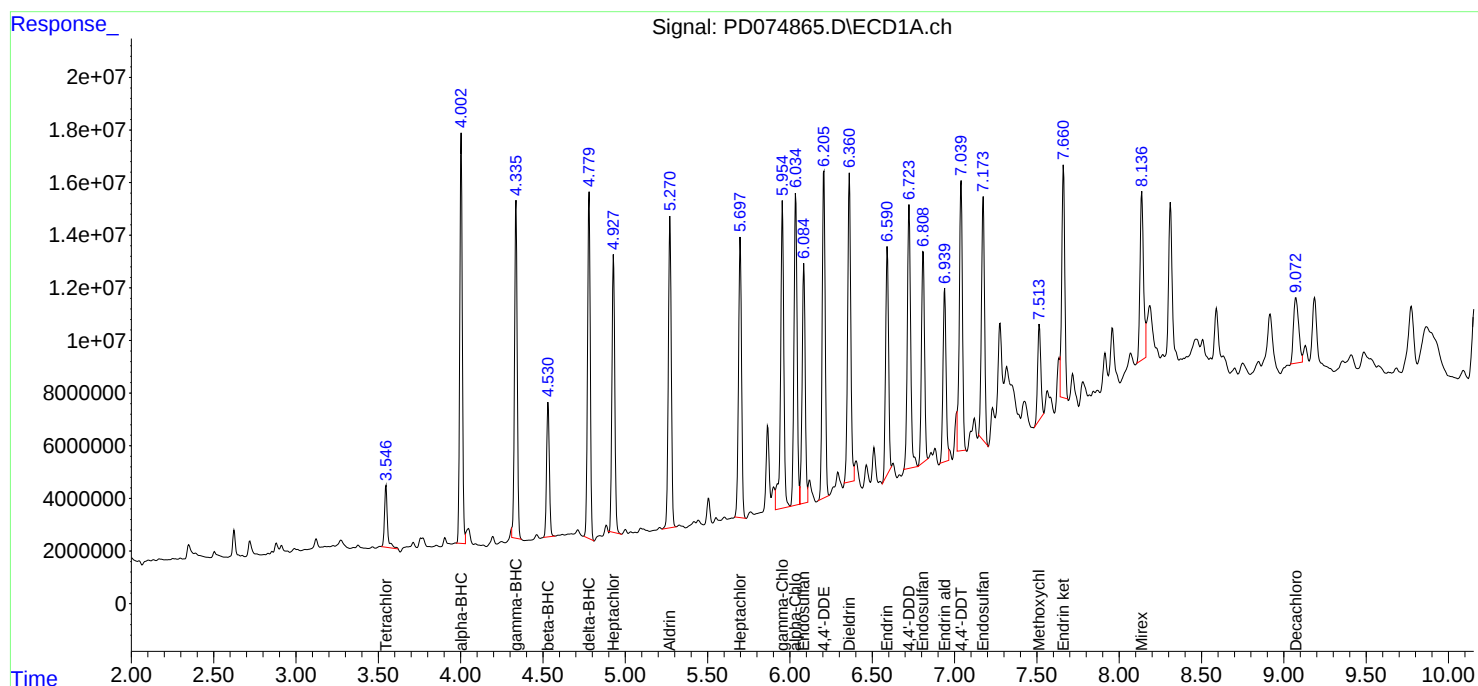
Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

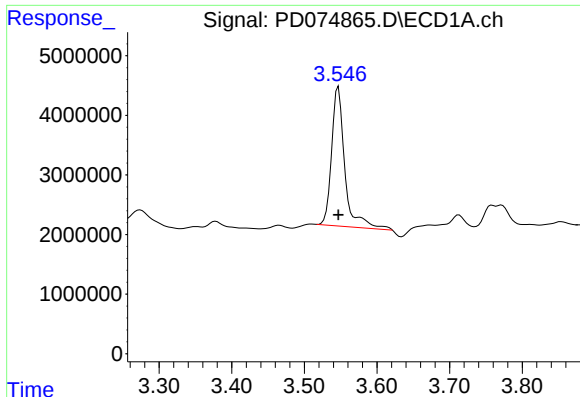
Manual Integrations
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Supervised By :Ankita Jodhani 04/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 05:57:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041823.M
Quant Title : GC Extractables
QLast Update : Tue Apr 18 13:17:37 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





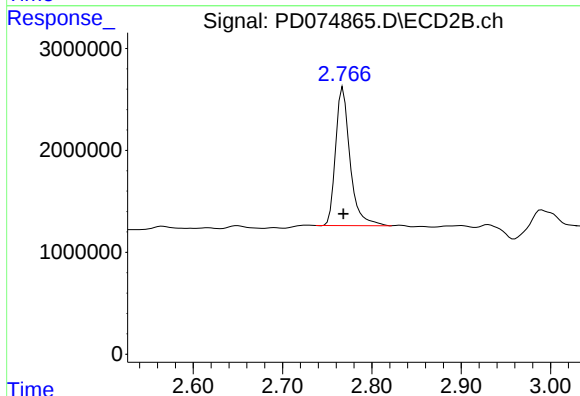
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 29440947
Conc: 12.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

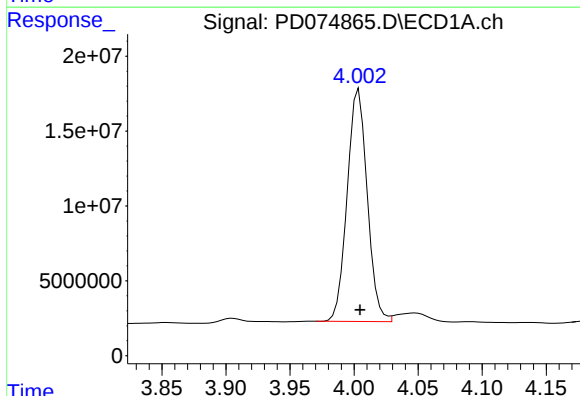
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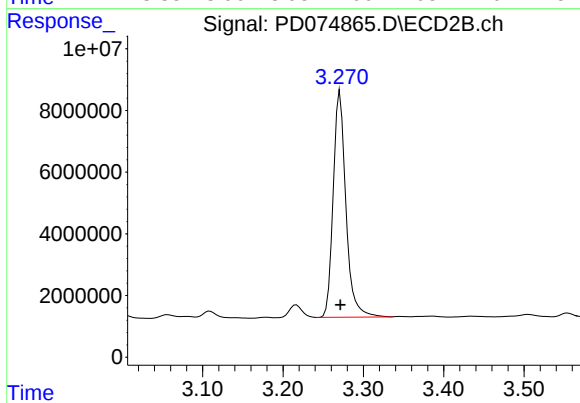
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 15269643
Conc: 11.71 ng/ml



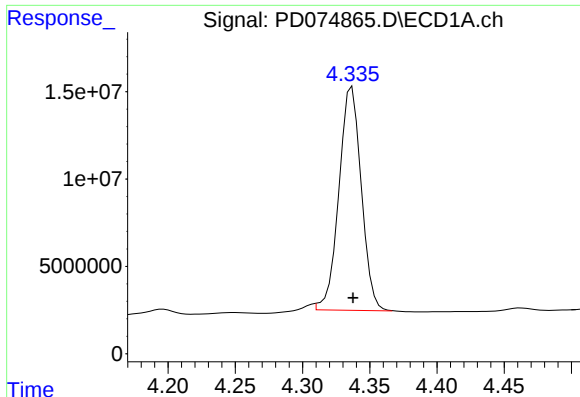
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 169067880
Conc: 40.65 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: 0.000 min
Response: 80609475
Conc: 41.29 ng/ml



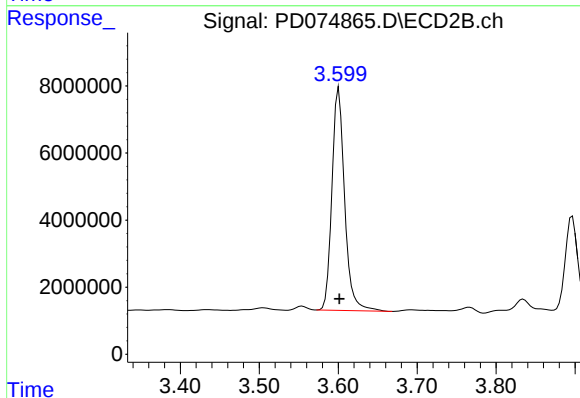
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: -0.002 min
Response: 147314603
Conc: 37.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

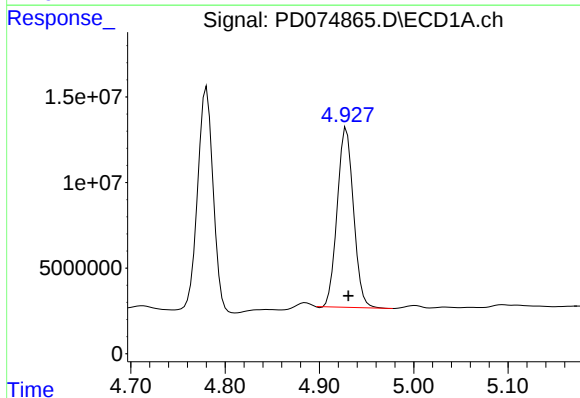
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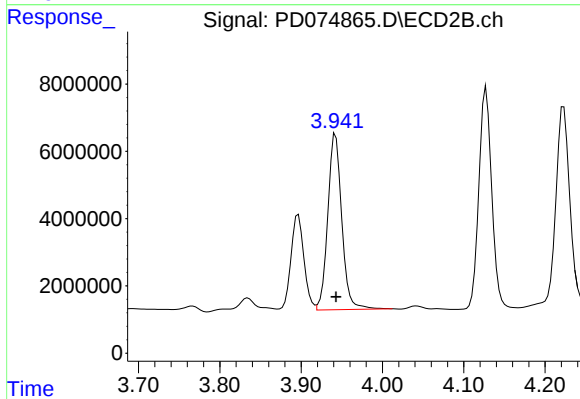
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: 0.000 min
Response: 74236808
Conc: 40.91 ng/ml



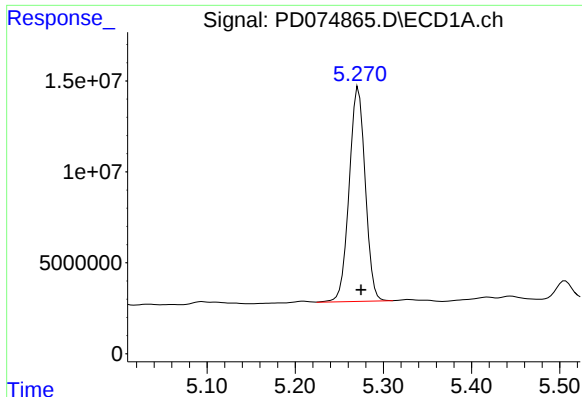
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.002 min
Response: 125959901
Conc: 32.21 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 62850197
Conc: 33.98 ng/ml



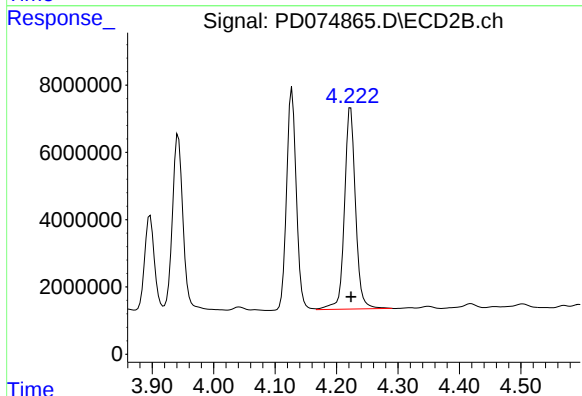
#5 Aldrin

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 149019005
Conc: 38.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

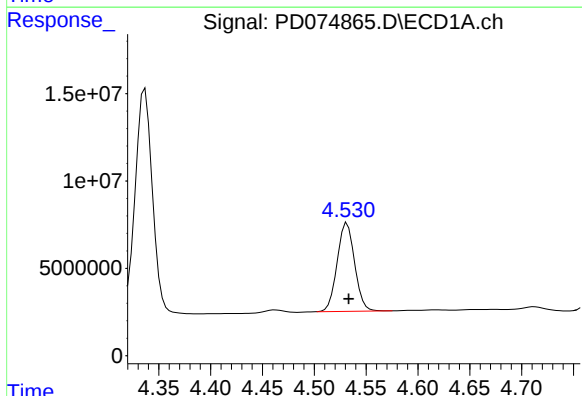
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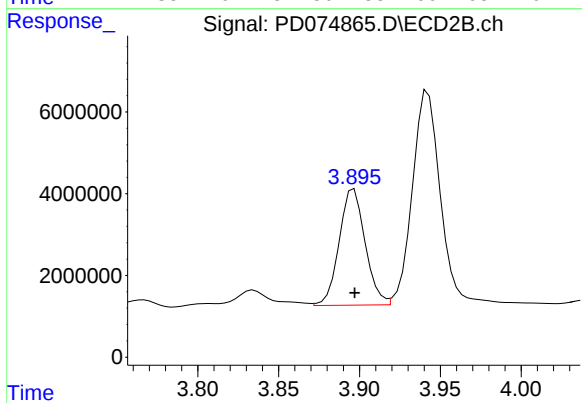
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: 0.000 min
Response: 75014753
Conc: 40.58 ng/ml



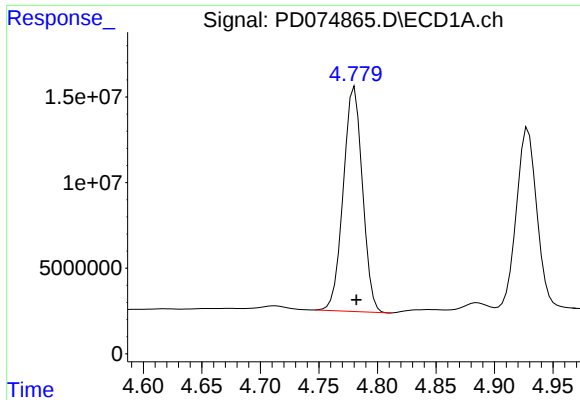
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: -0.001 min
Response: 59519465
Conc: 35.48 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 31736778
Conc: 39.07 ng/ml



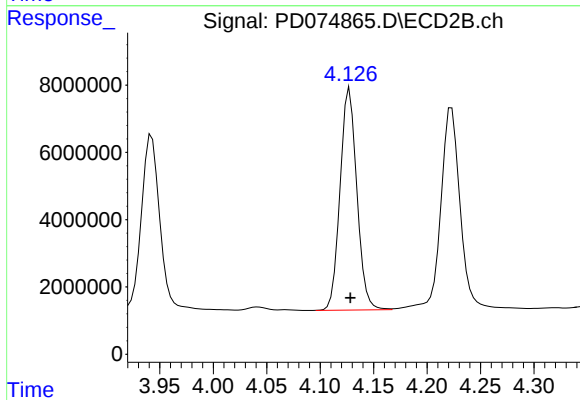
#7 delta-BHC

R.T.: 4.780 min
Delta R.T.: -0.002 min
Response: 149800946
Conc: 46.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

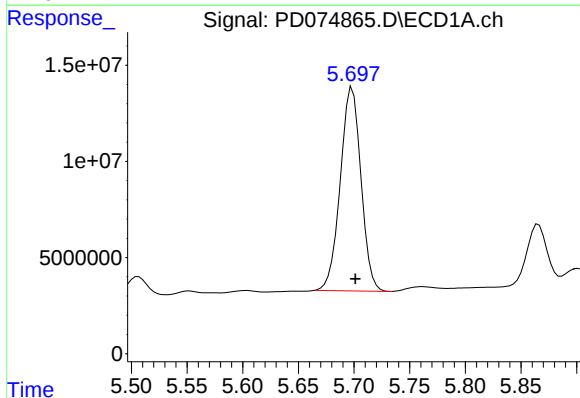
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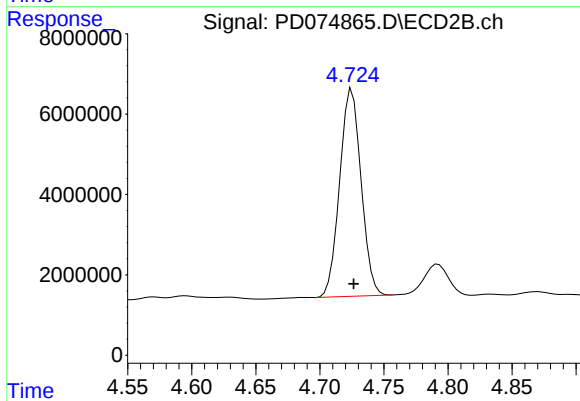
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 72116005
Conc: 38.36 ng/ml



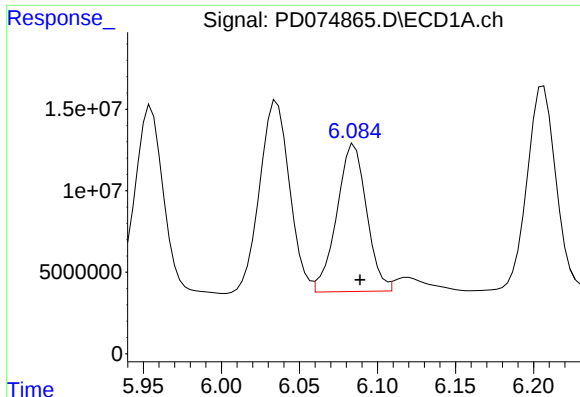
#8 Heptachlor epoxide

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 136874709
Conc: 42.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.001 min
Response: 59993796
Conc: 35.38 ng/ml



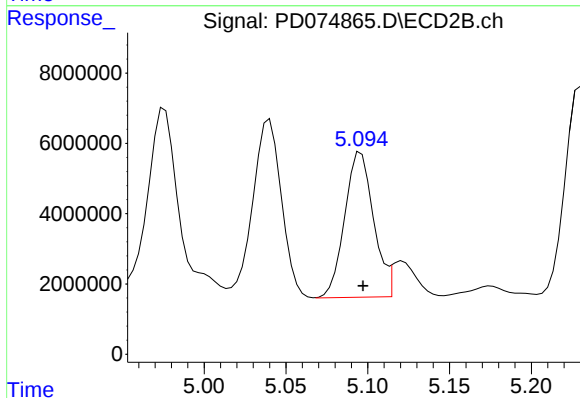
#9 Endosulfan I

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 120259246
Conc: 36.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

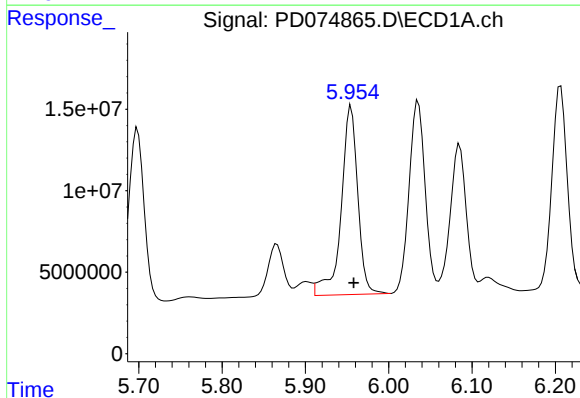
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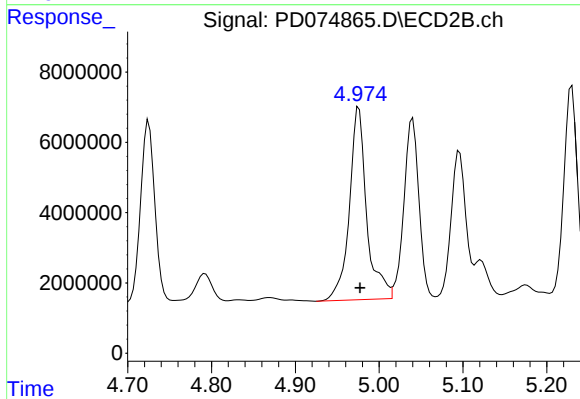
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 50511984
Conc: 31.50 ng/ml



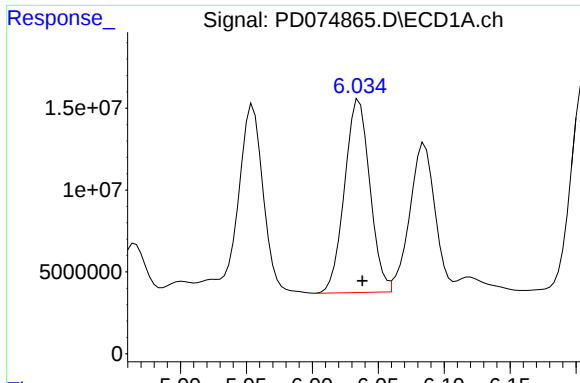
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 160856598
Conc: 46.38 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 79218480
Conc: 45.75 ng/ml



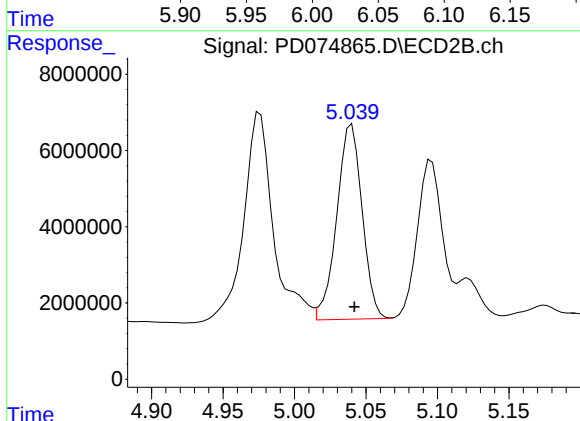
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 157330570
Conc: 45.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

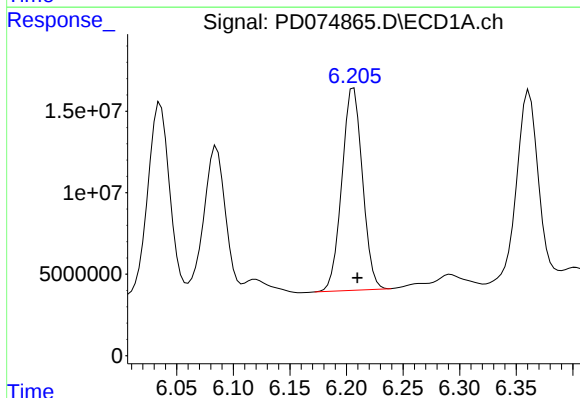
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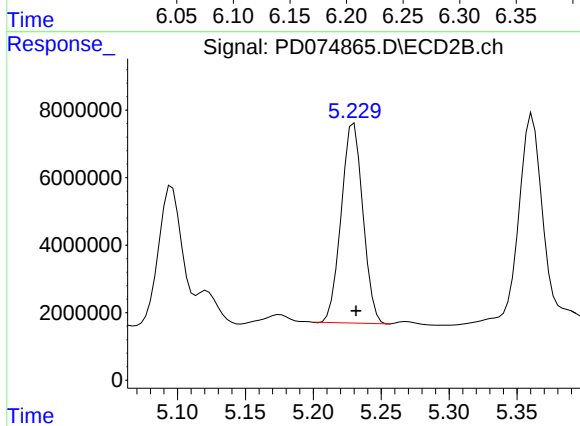
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.002 min
Response: 63185218
Conc: 36.88 ng/ml



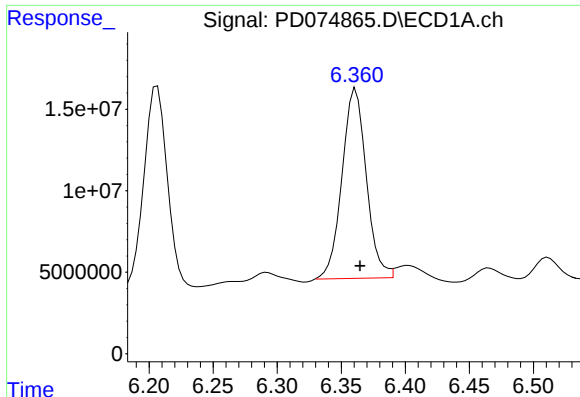
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: -0.003 min
Response: 156994699
Conc: 48.97 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 65743253
Conc: 41.92 ng/ml



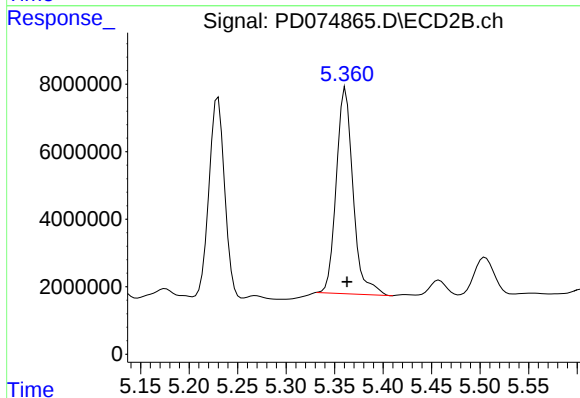
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 153615758
Conc: 45.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

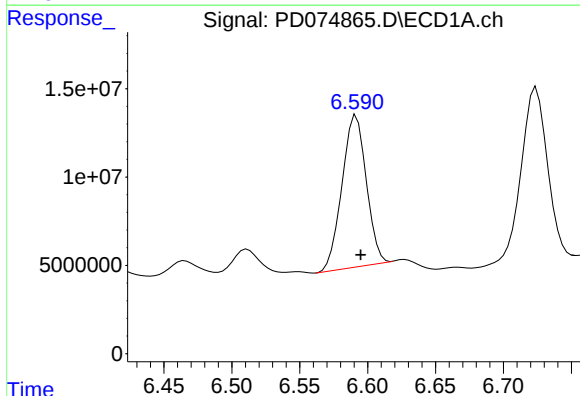
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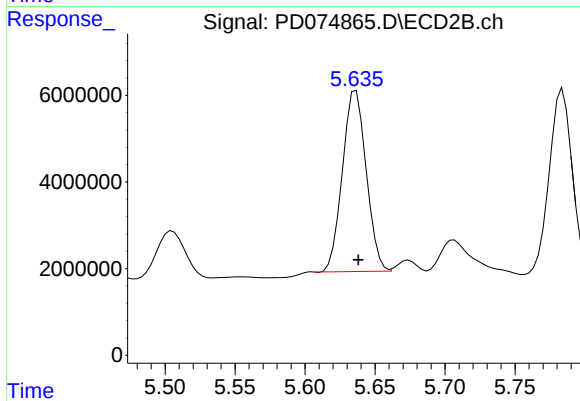
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.001 min
Response: 73410392
Conc: 43.72 ng/ml



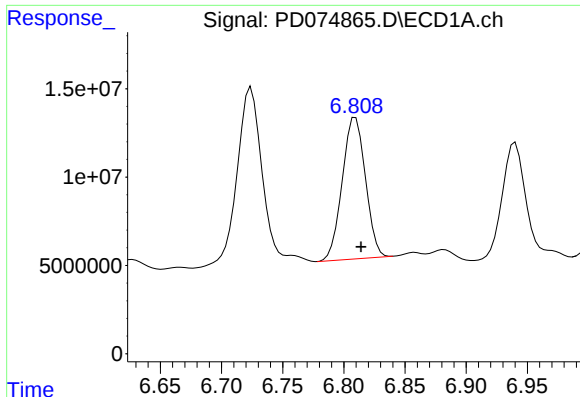
#14 Endrin

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 106793162
Conc: 36.76 ng/ml



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.002 min
Response: 49408678
Conc: 32.74 ng/ml



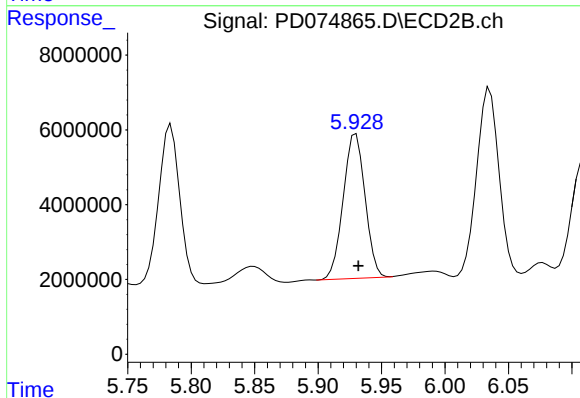
#15 Endosulfan II

R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 105611875
Conc: 36.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

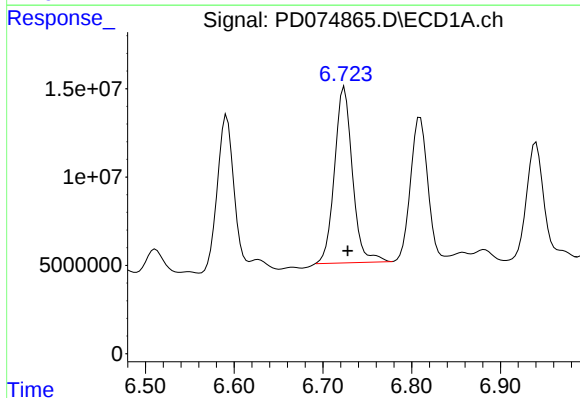
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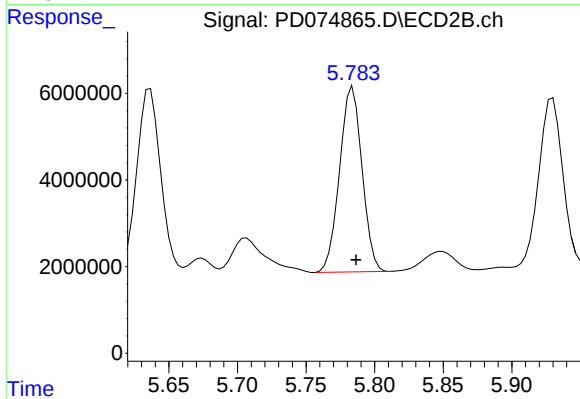
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 46249370
Conc: 33.63 ng/ml



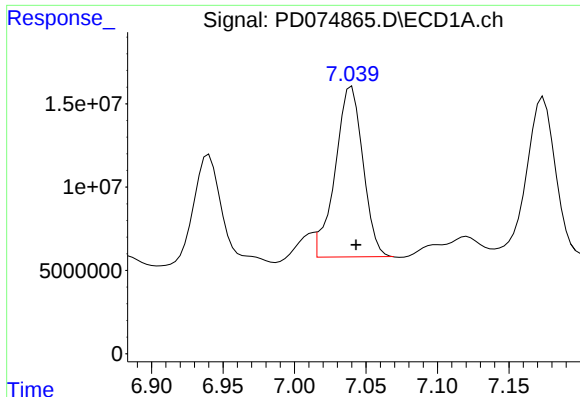
#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: -0.004 min
Response: 139519083
Conc: 52.65 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 48767472
Conc: 36.99 ng/ml



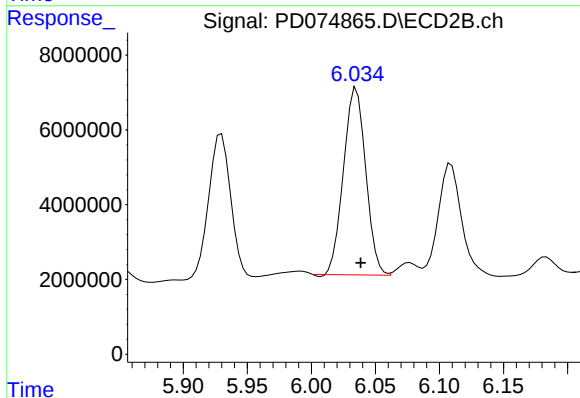
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 137199969
Conc: 47.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

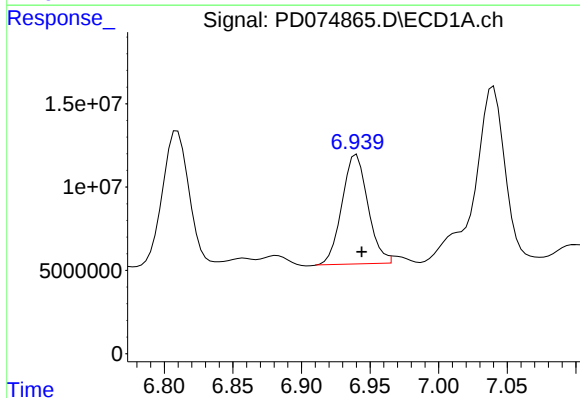
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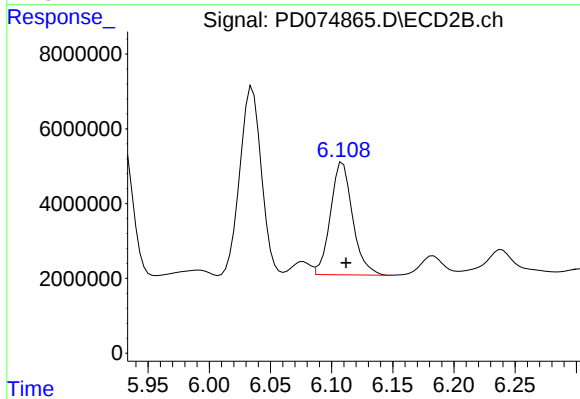
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 60248622
Conc: 44.61 ng/ml



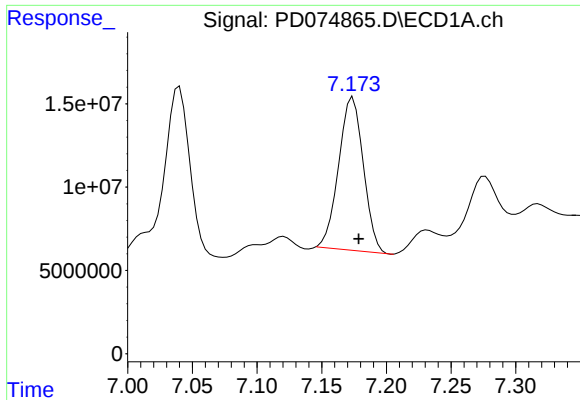
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.005 min
Response: 86246941
Conc: 37.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 37878836
Conc: 33.93 ng/ml



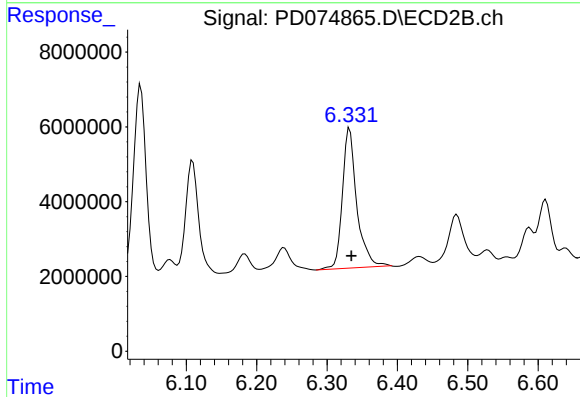
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.005 min
Response: 122058327
Conc: 42.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

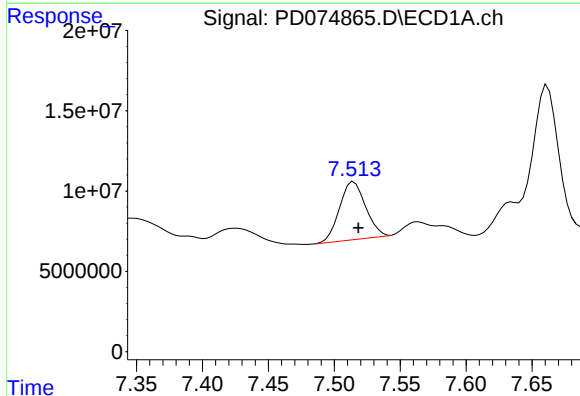
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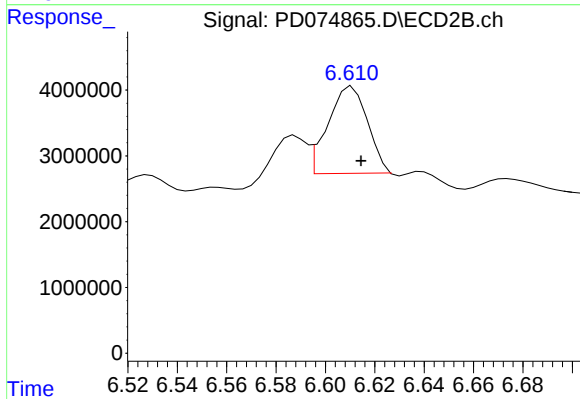
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 53235331
Conc: 38.52 ng/ml



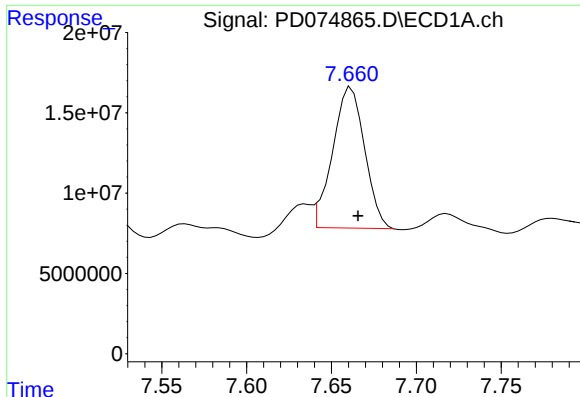
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 49391496
Conc: 30.33 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 14368973
Conc: 19.06 ng/ml m



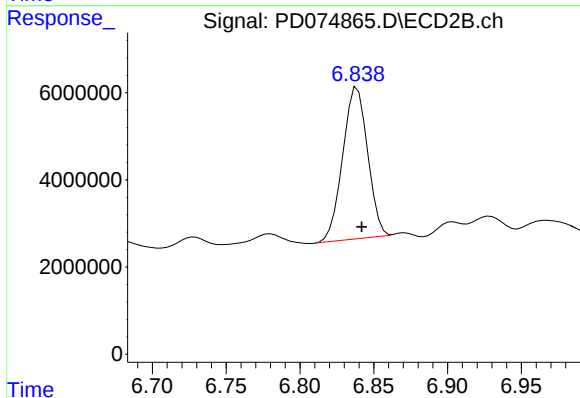
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.005 min
Response: 113716073
Conc: 34.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

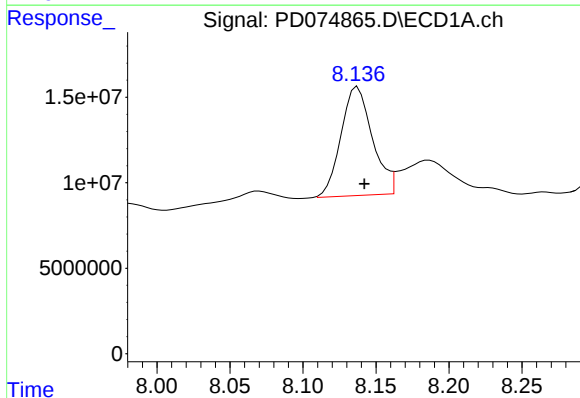
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



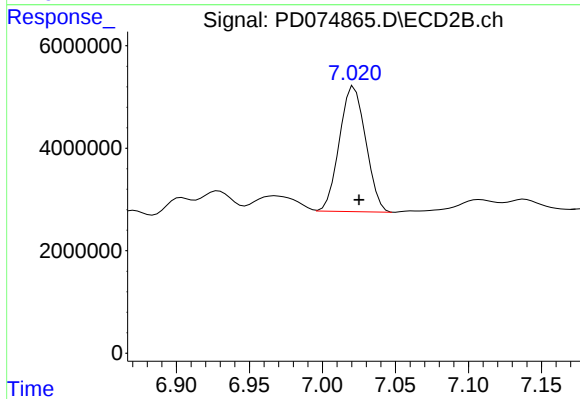
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 40887253
Conc: 25.02 ng/ml m



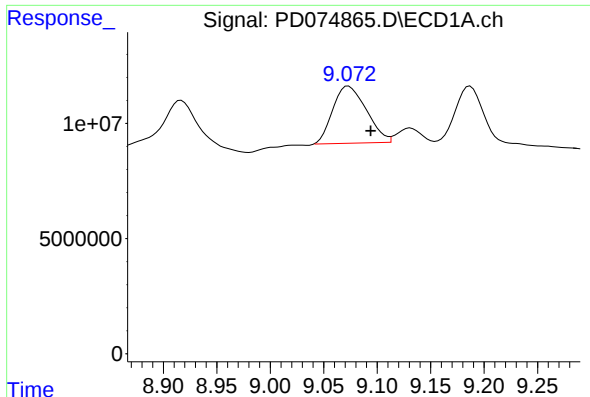
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.006 min
Response: 95268158
Conc: 38.37 ng/ml m



#22 Mirex

R.T.: 7.020 min
Delta R.T.: -0.005 min
Response: 30677069
Conc: 23.78 ng/ml m



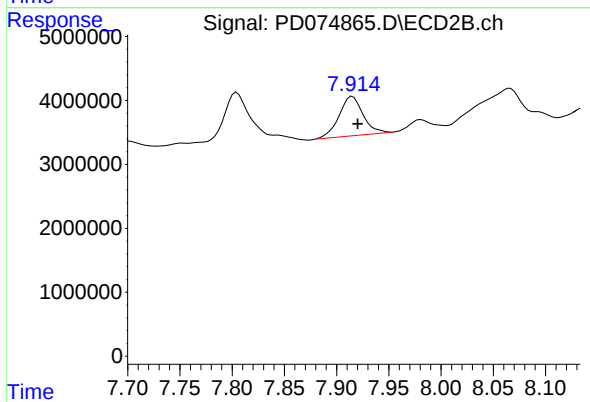
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.021 min
Response: 54357953
Conc: 17.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
SPE-2WC-23-04-18MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/21/2023
Supervised By :Ankita Jodhani 04/21/2023



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.005 min
Response: 9796261
Conc: 7.34 ng/ml