

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042823\
 Data File : PD075053.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2023 02:14
 Operator : AR\AJ
 Sample : 02419-30MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EW925MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/02/2023
 Supervised By :Ankita Jodhani 05/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:55:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042723CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 28 02:34:46 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

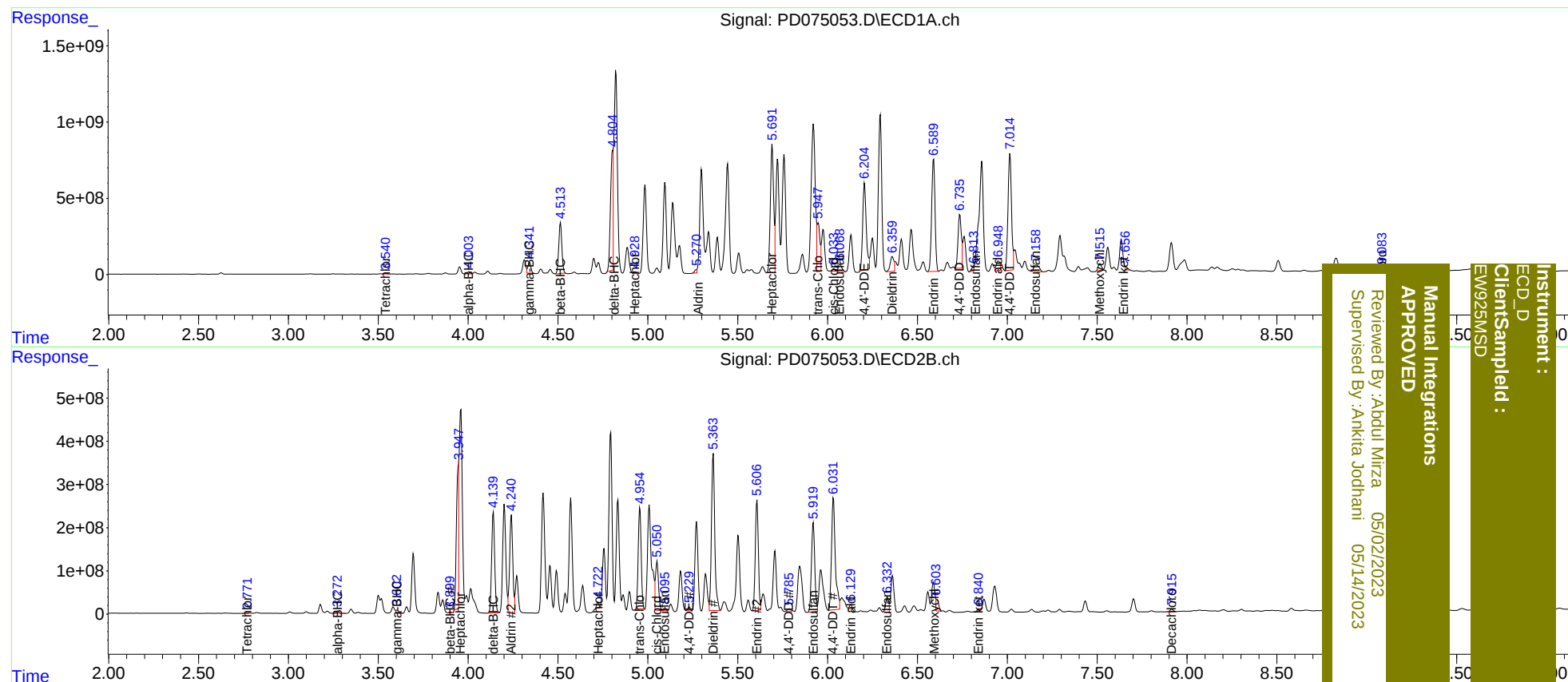
System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.773	68317051	8495112	30.584m	8.195 #
27)	SA Decachlor...	9.086	7.916	236.4E6	75615433	98.976	78.716
Target Compounds							
2)	A alpha-BHC	4.004	3.273	144.1E6	57455328	39.277	39.901
3)	MA gamma-BHC...	4.341	3.603	816.9E6	94466560	238.913m	67.887 #
4)	MA Heptachlor	4.928	3.947	136.7E6	3178.2E6	39.466m	2278.691m#
5)	MB Aldrin	5.270	4.241	159.3E6	2734.4E6	47.573m	2079.396 #
6)	B beta-BHC	4.513	3.899	3966.2E6	13745344	2690.710m	20.198m#
7)	B delta-BHC	4.804	4.140	9123.4E6	2771.1E6	3047.994m	1969.932 #
8)	B Heptachlo...	5.692	4.722	10655.6E6	123.1E6	3548.081	100.283m#
9)	A Endosulfan I	6.069	5.096	651.5E6	62357732	223.735	54.653 #
10)	B trans-Chl...	5.947	4.954	4106.5E6	2673.3E6	1371.819m	2206.696m#
11)	B cis-Chlor...	6.035	5.052	175.4E6	1346.2E6	56.270	1087.284 #
12)	B 4,4'-DDE	6.204	5.231	7692.1E6	85668396	2618.729m	75.734 #
13)	MA Dieldrin	6.359	5.364	1316.9E6	4644.5E6	414.331m	3700.145 #
14)	MA Endrin	6.590	5.606	9587.1E6	3042.3E6	3538.886	2752.665m
15)	B Endosulfa...	6.813	5.921	295.5E6	2597.0E6	102.011m	2380.742 #
16)	A 4,4'-DDD	6.735	5.785	4331.1E6	95358420	1791.046m	98.697m#
17)	MA 4,4'-DDT	7.014	6.031	10370.1E6	3817.6E6	4127.237m	3848.452m
18)	B Endrin al...	6.948	6.129	928.1E6	197.0E6	414.671m	221.850m#
19)	B Endosulfa...	7.160	6.332	884.7E6	374.9E6	339.313	364.626m
20)	A Methoxychlor	7.515	6.603	542.6E6	266.9E6	376.354m	483.281m#
21)	B Endrin ke...	7.656	6.840	172.2E6	44176101	59.526m	37.048m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042823\
Data File : PD075053.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2023 02:14
Operator : AR\AJ
Sample : 02419-30MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

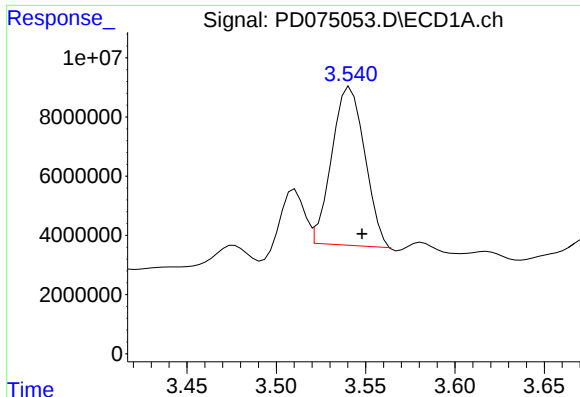
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 01 04:55:04 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD042723CLP.M
Quant Title : GC Extractables
QLast Update : Fri Apr 28 02:34:46 2023
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Integrator: 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



Manual Integrations
APPROVED
Reviewed By: Abdul Miza 05/02/2023
Supervised By: Ankita Jodhani 05/14/2023

Instrument :
ECD_D
Client Sampled :
EW/25MSD



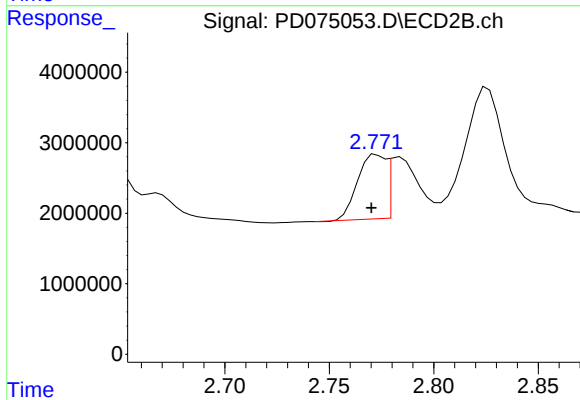
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.008 min
Response: 68317051
Conc: 30.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

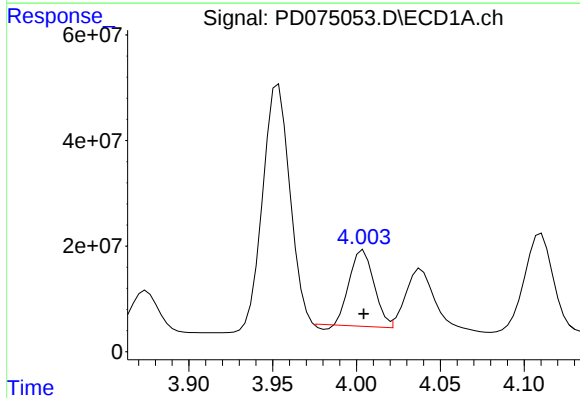
Manual Integrations
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Supervised By :Ankita Jodhani 05/14/2023



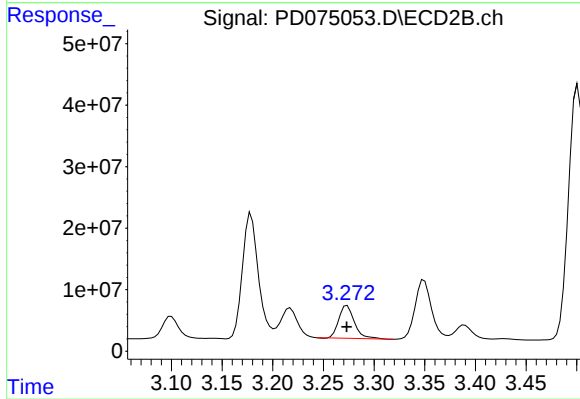
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: 0.003 min
Response: 8495112
Conc: 8.19 ng/ml



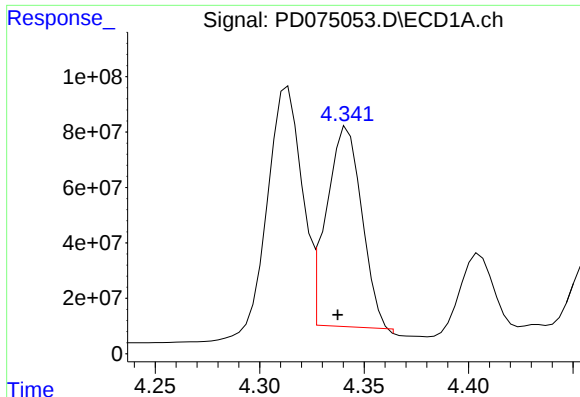
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 144143857
Conc: 39.28 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 57455328
Conc: 39.90 ng/ml



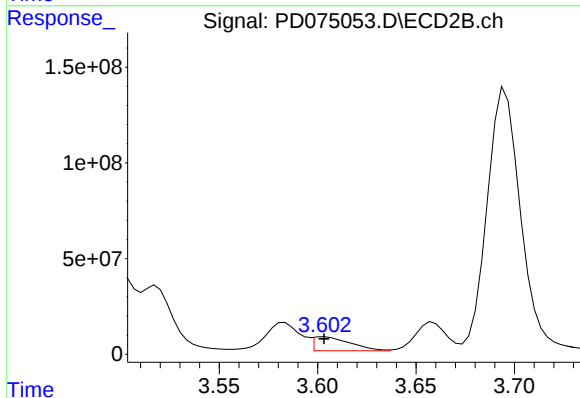
#3 gamma-BHC (Lindane)

R.T.: 4.341 min
Delta R.T.: 0.003 min
Response: 816864687
Conc: 238.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

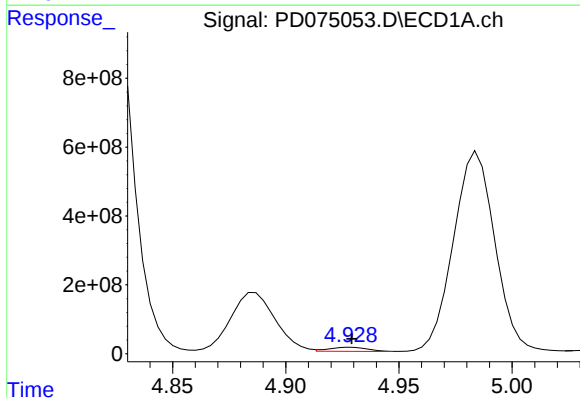
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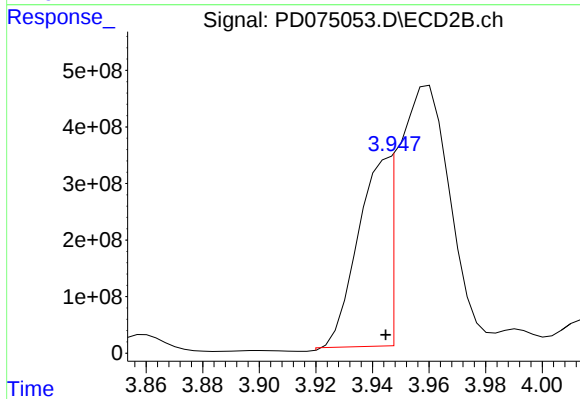
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 94466560
Conc: 67.89 ng/ml



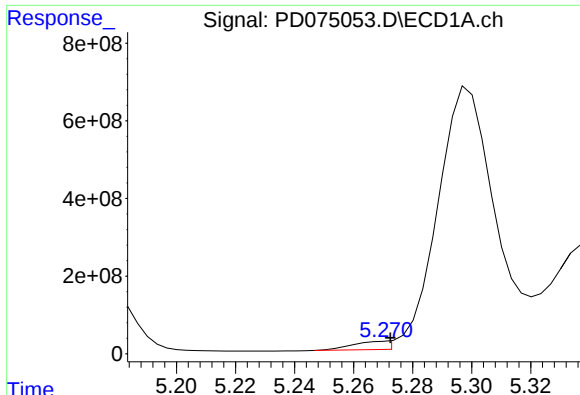
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 136718615
Conc: 39.47 ng/ml m



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 3178210259
Conc: 2278.69 ng/ml m



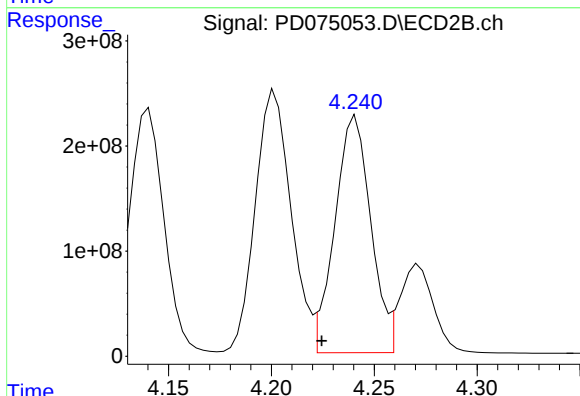
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: -0.002 min
Response: 159330033
Conc: 47.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

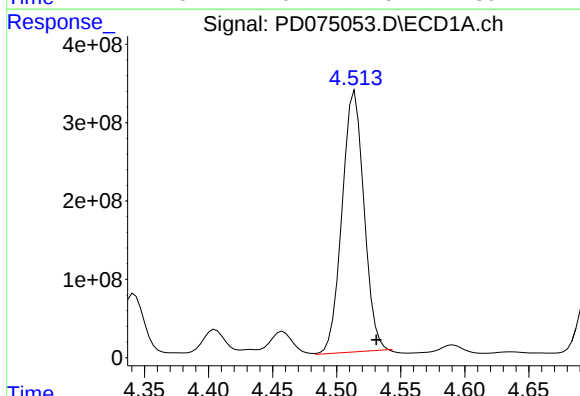
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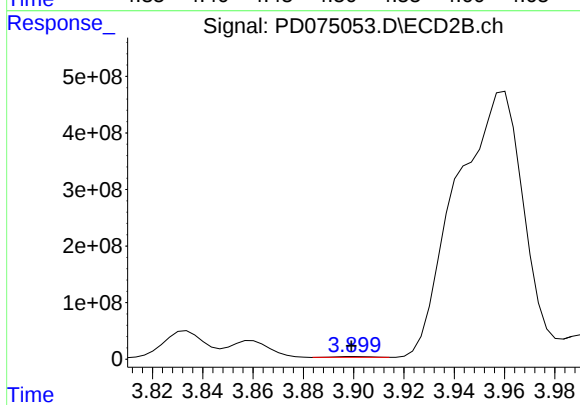
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.016 min
Response: 2734359079
Conc: 2079.40 ng/ml



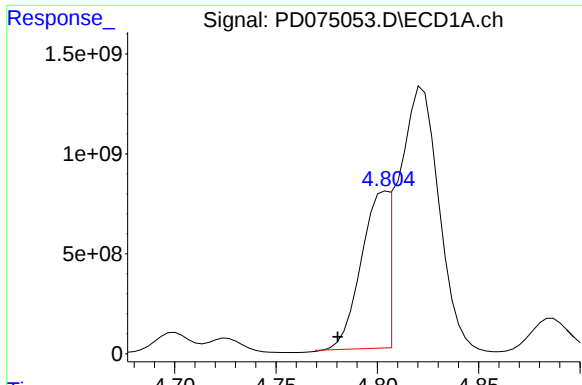
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.018 min
Response: 3966219950
Conc: 2690.71 ng/ml m



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 13745344
Conc: 20.20 ng/ml m



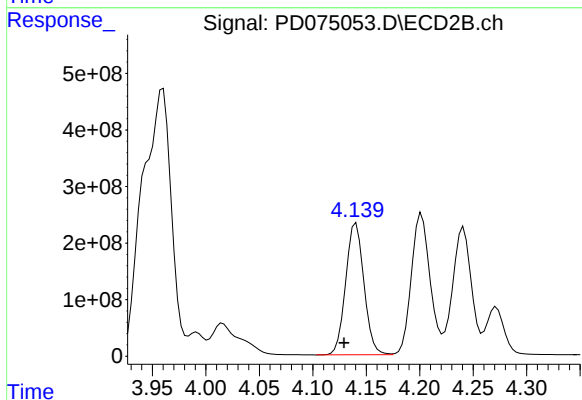
#7 delta-BHC

R.T.: 4.804 min
Delta R.T.: 0.024 min
Response: 9123370760
Conc: 3047.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

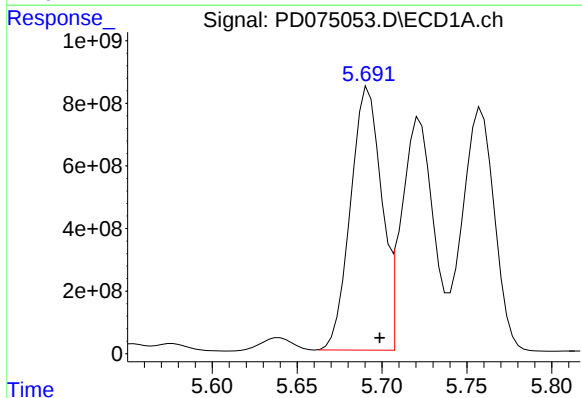
Manual Integrations
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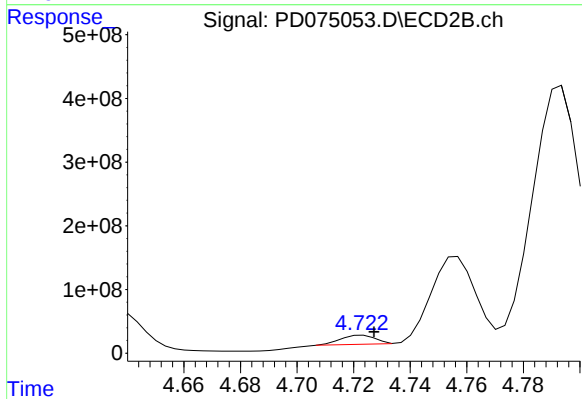
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.011 min
Response: 2771074275
Conc: 1969.93 ng/ml



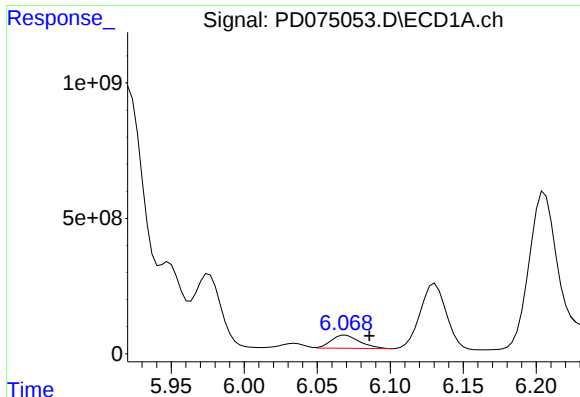
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.007 min
Response: 10655583232
Conc: 3548.08 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.005 min
Response: 123126069
Conc: 100.28 ng/ml m



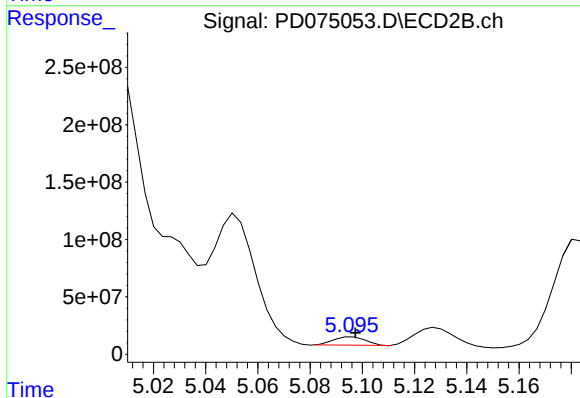
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.016 min
Response: 651520208
Conc: 223.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

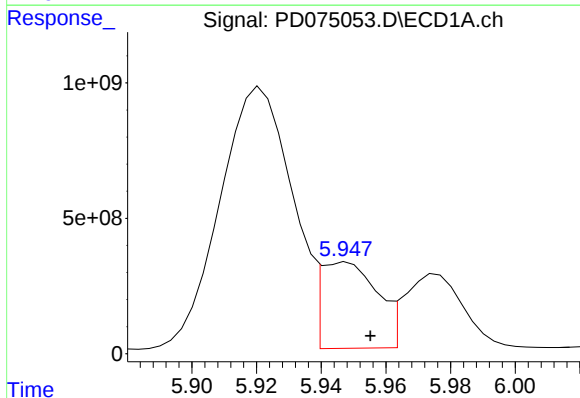
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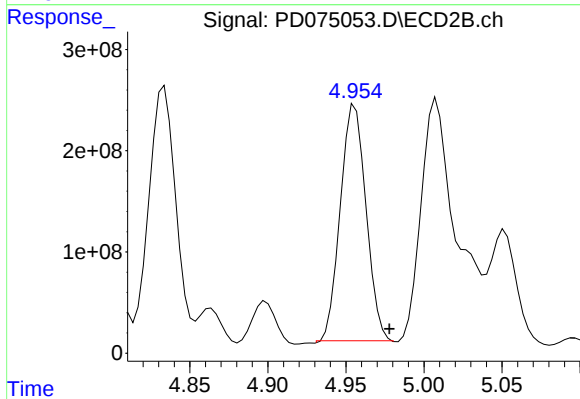
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.001 min
Response: 62357732
Conc: 54.65 ng/ml



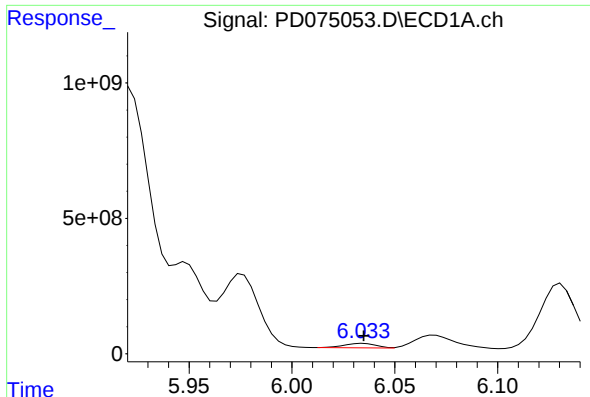
#10 trans-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.008 min
Response: 4106450876
Conc: 1371.82 ng/ml m



#10 trans-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.023 min
Response: 2673284797
Conc: 2206.70 ng/ml m



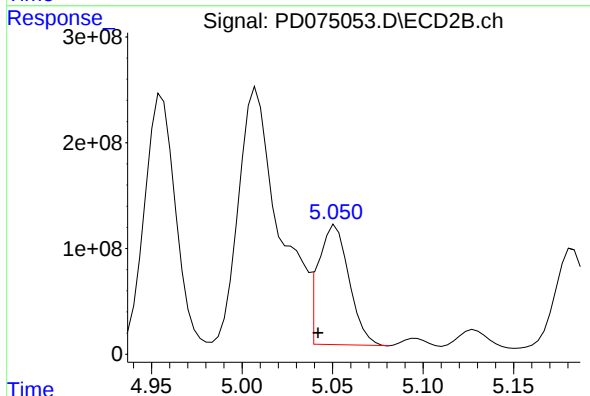
#11 cis-Chlordane

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 175399772
Conc: 56.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

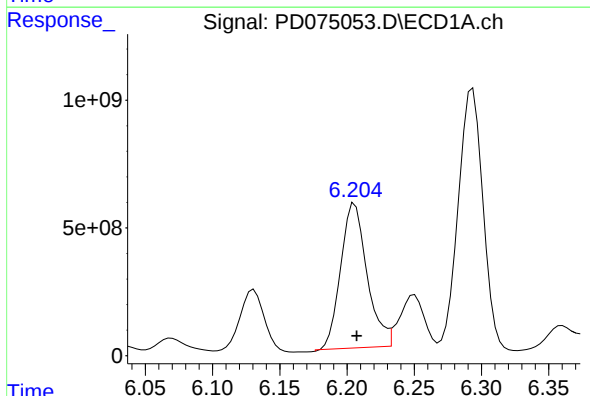
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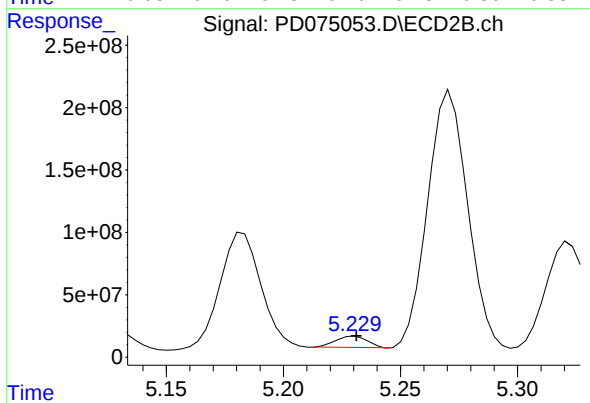
#11 cis-Chlordane

R.T.: 5.052 min
Delta R.T.: 0.010 min
Response: 1346234569
Conc: 1087.28 ng/ml



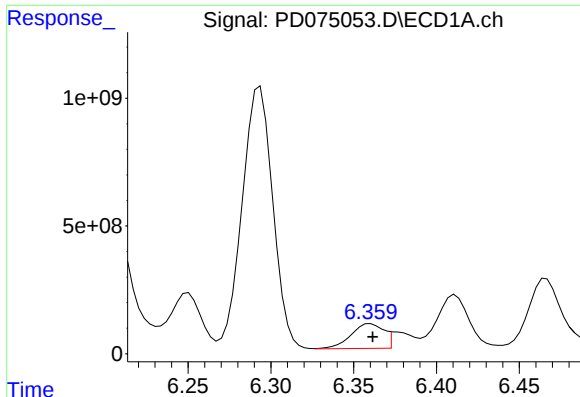
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: -0.003 min
Response: 7692129905
Conc: 2618.73 ng/ml m



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 85668396
Conc: 75.73 ng/ml



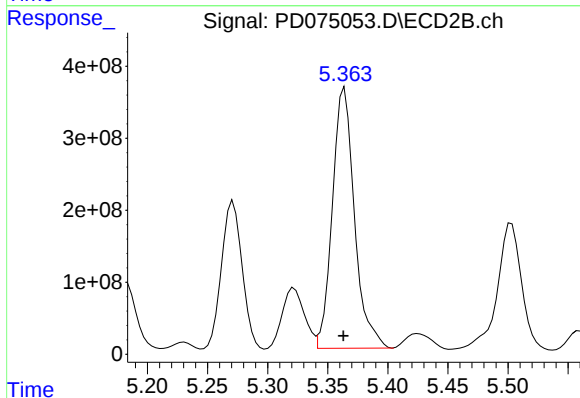
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 1316948722
Conc: 414.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

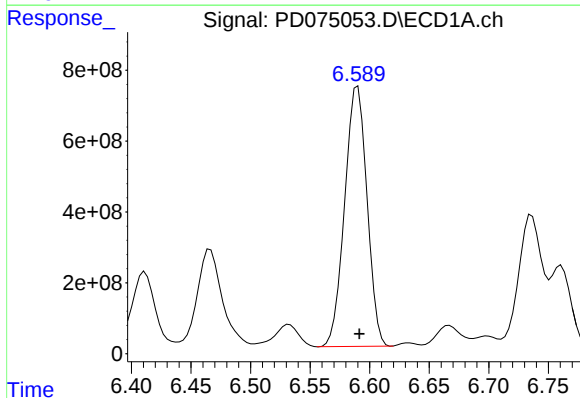
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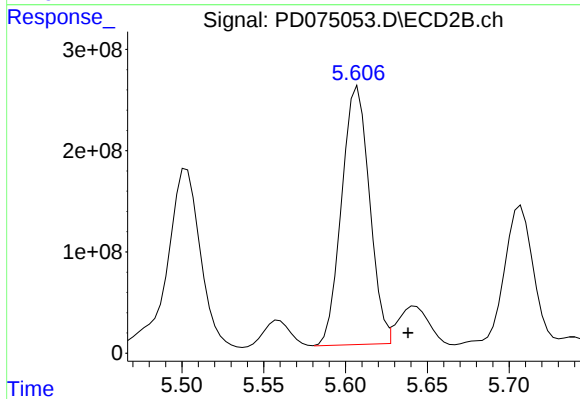
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.001 min
Response: 4644508506
Conc: 3700.15 ng/ml



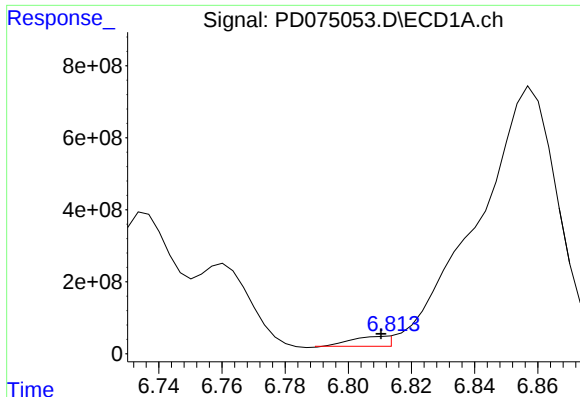
#14 Endrin

R.T.: 6.590 min
Delta R.T.: -0.001 min
Response: 9587148486
Conc: 3538.89 ng/ml



#14 Endrin

R.T.: 5.606 min
Delta R.T.: -0.032 min
Response: 3042344342
Conc: 2752.67 ng/ml m



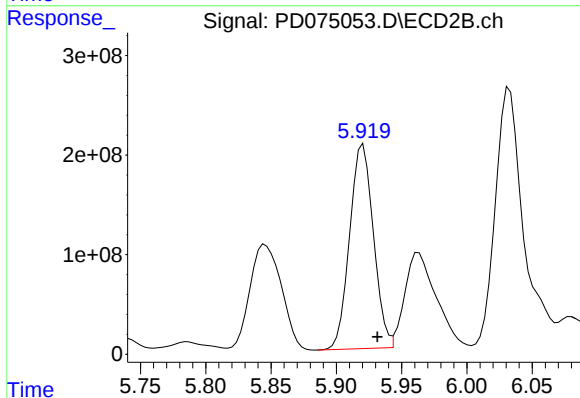
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.003 min
Response: 295470556
Conc: 102.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

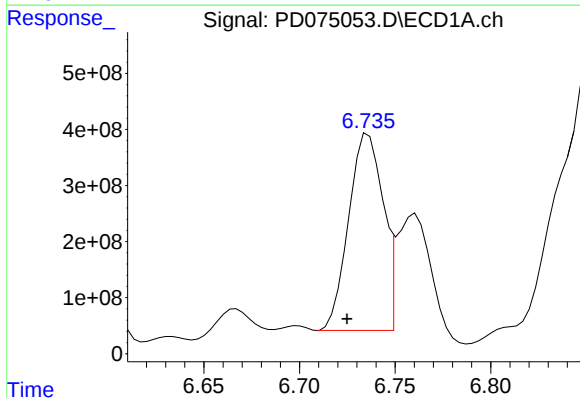
Manual Integrations
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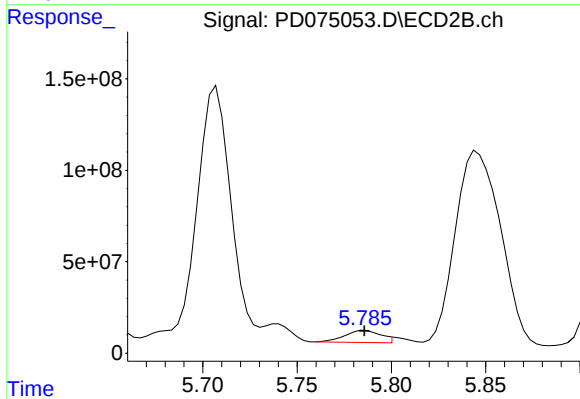
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.011 min
Response: 2597024613
Conc: 2380.74 ng/ml



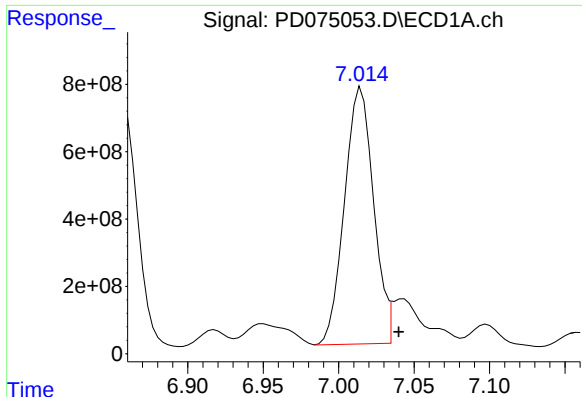
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: 0.010 min
Response: 4331121667
Conc: 1791.05 ng/ml m



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 95358420
Conc: 98.70 ng/ml m



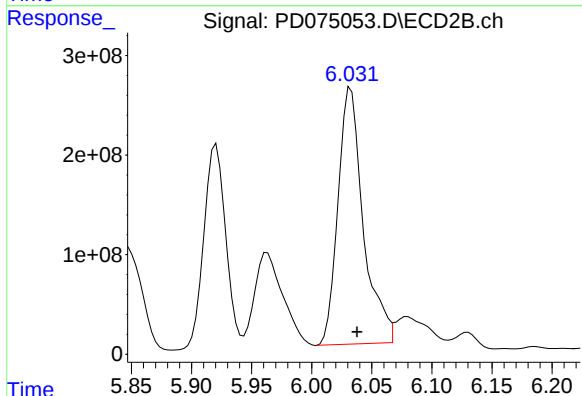
#17 4,4'-DDT

R.T.: 7.014 min
Delta R.T.: -0.026 min
Response: 10370057071
Conc: 4127.24 ng/m

Instrument :
ECD_D
ClientSampleId :
EW925MSD

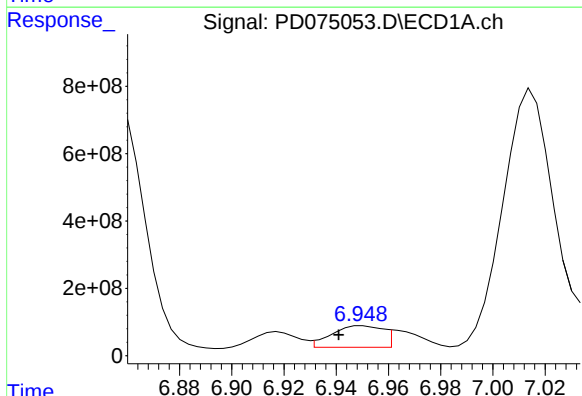
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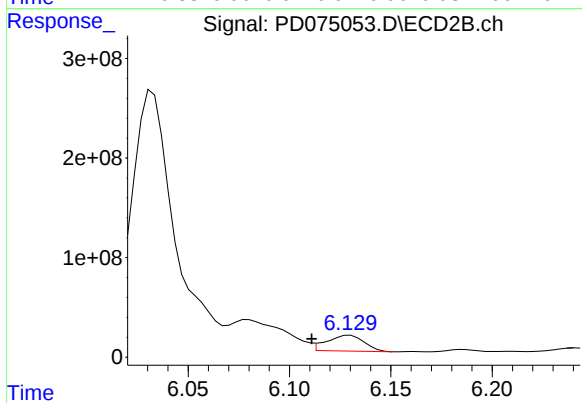
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.007 min
Response: 3817646759
Conc: 3848.45 ng/ml m



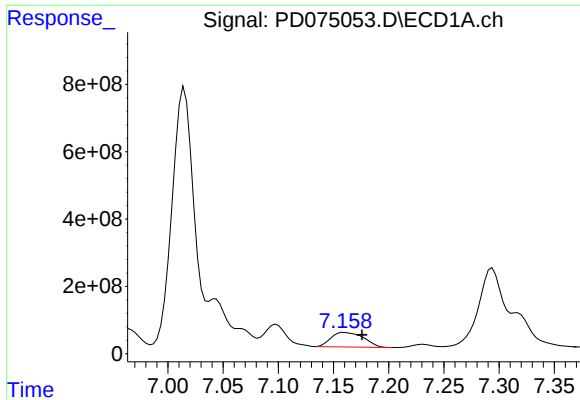
#18 Endrin aldehyde

R.T.: 6.948 min
Delta R.T.: 0.007 min
Response: 928119868
Conc: 414.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: 0.018 min
Response: 197030664
Conc: 221.85 ng/ml m



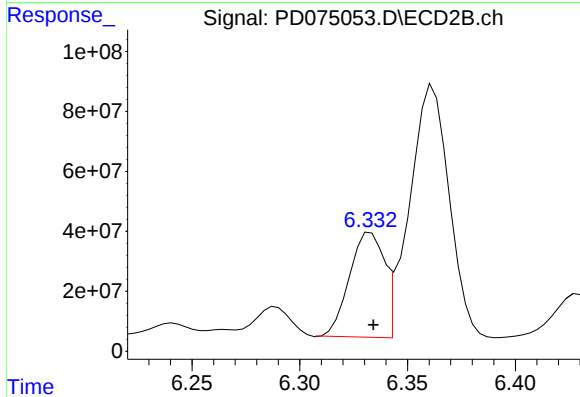
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.016 min
Response: 884659881
Conc: 339.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

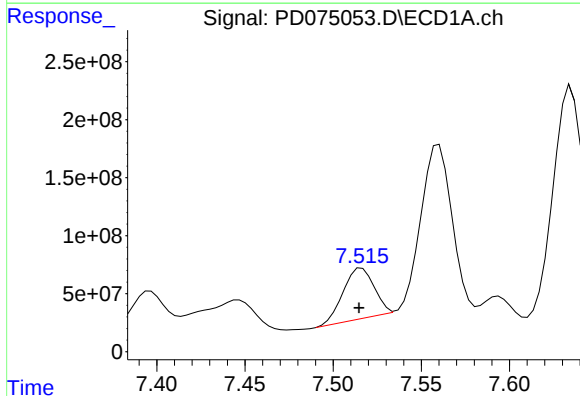
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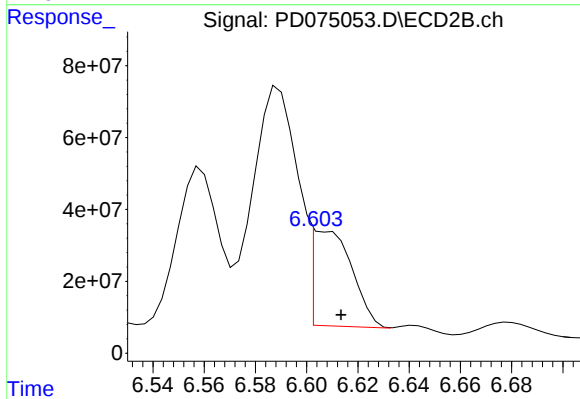
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 374902443
Conc: 364.63 ng/ml m



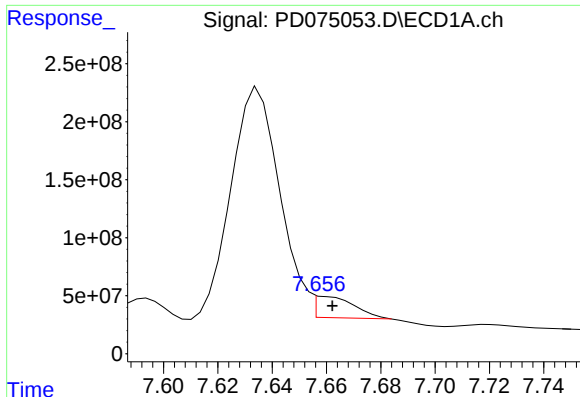
#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 542576951
Conc: 376.35 ng/ml m



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.011 min
Response: 266948194
Conc: 483.28 ng/ml m



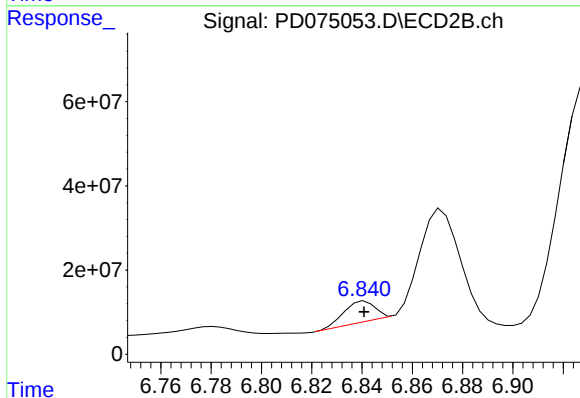
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 172214766
Conc: 59.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
EW925MSD

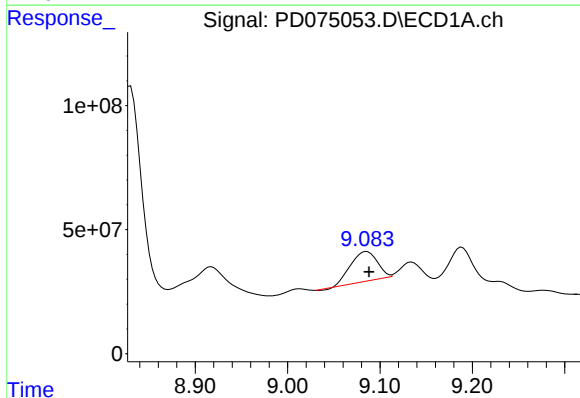
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/02/2023
Supervised By :Ankita Jodhani 05/14/2023



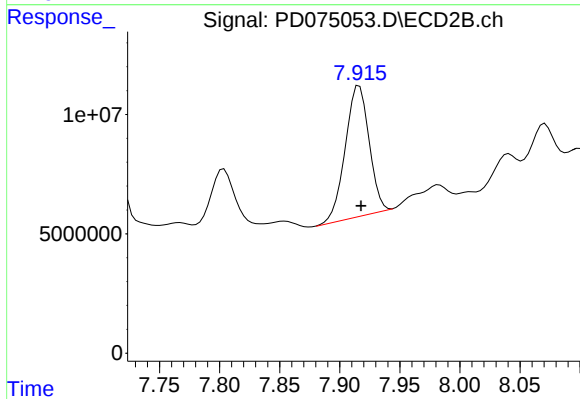
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 44176101
Conc: 37.05 ng/ml m



#27 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 236395563
Conc: 98.98 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.916 min
Delta R.T.: -0.002 min
Response: 75615433
Conc: 78.72 ng/ml