

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 19:13
 Operator : AR\AJ
 Sample : N1001-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PH-4/1.5-2

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/05/2022
 Supervised By : Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:27:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 28 03:00:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.433	3.962	35759205	131.1E6	19.678	19.866
28)	SA Decachlor...	8.153	9.014	14479787	75735501	16.301	15.936
Target Compounds							
2)	A alpha-BHC	3.869	4.356	142.1E6	429.8E6	49.272	46.323
3)	MA gamma-BHC...	4.150	4.641	129.8E6	396.5E6	48.804	47.048
4)	MA Heptachlor	4.443	5.140	129.4E6	354.7E6	47.582	46.234
5)	MB Aldrin	4.687	5.443	128.2E6	350.3E6	46.307	47.237
6)	B beta-BHC	4.399	4.819	51750823	166.8E6	47.089	42.764
7)	B delta-BHC	4.600	5.033	129.5E6	386.3E6	50.195	51.548
8)	B Heptachlo...	5.128	5.832	119.9E6	296.2E6	48.636	55.492
9)	A Endosulfan I	5.463	6.188	107.9E6	288.8E6	48.492	47.704
10)	B gamma-Chl...	5.351	6.066	120.8E6	306.7E6	48.866	47.280
11)	B alpha-Chl...	5.409	6.136	117.4E6	306.5E6	48.568	47.277
12)	B 4,4'-DDE	5.573	6.297	114.1E6	306.1E6	51.561	49.698
13)	MA Dieldrin	5.705	6.446	119.0E6	318.9E6	49.297	48.007
14)	MA Endrin	5.962	6.665	99756742	263.2E6	47.488	47.484
15)	B Endosulfa...	6.235	6.879	93406218	274.1E6	46.578	46.109
16)	A 4,4'-DDD	6.088	6.791	88963532	256.5E6	51.783	51.246
17)	MA 4,4'-DDT	6.326	7.087	81343442	241.7E6	49.781	45.172m
18)	B Endrin al...	6.404	7.003	71282493	218.9E6	46.909	48.526m
19)	B Endosulfa...	6.616	7.225	79384655	258.8E6	49.171	47.343m
20)	A Methoxychlor	6.873	7.551	39168083	136.5E6	46.141	47.047
21)	B Endrin ke...	7.107	7.700	80862752	300.3E6	47.249	47.853
22)	Mirex	7.287	8.146	60299450	218.2E6	50.412	50.254

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067602.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 19:13
 Operator : AR\AJ
 Sample : N1001-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

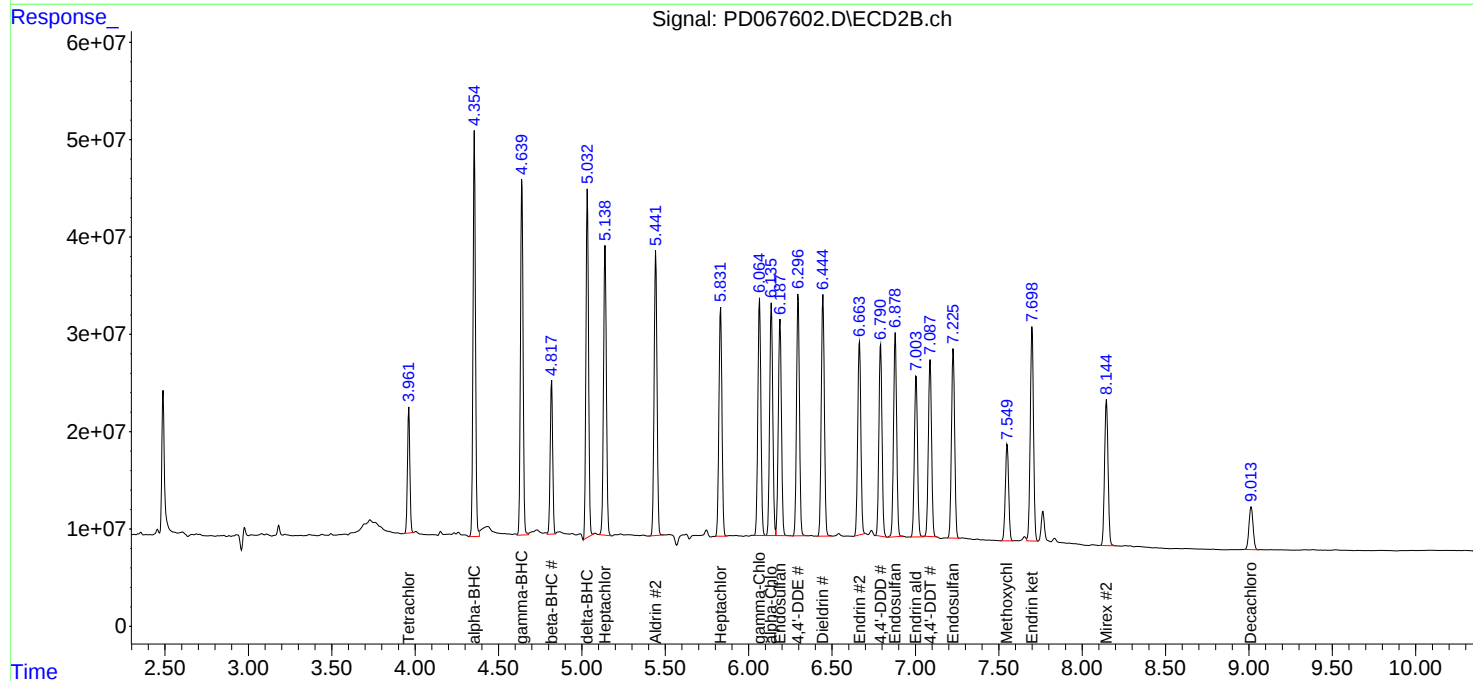
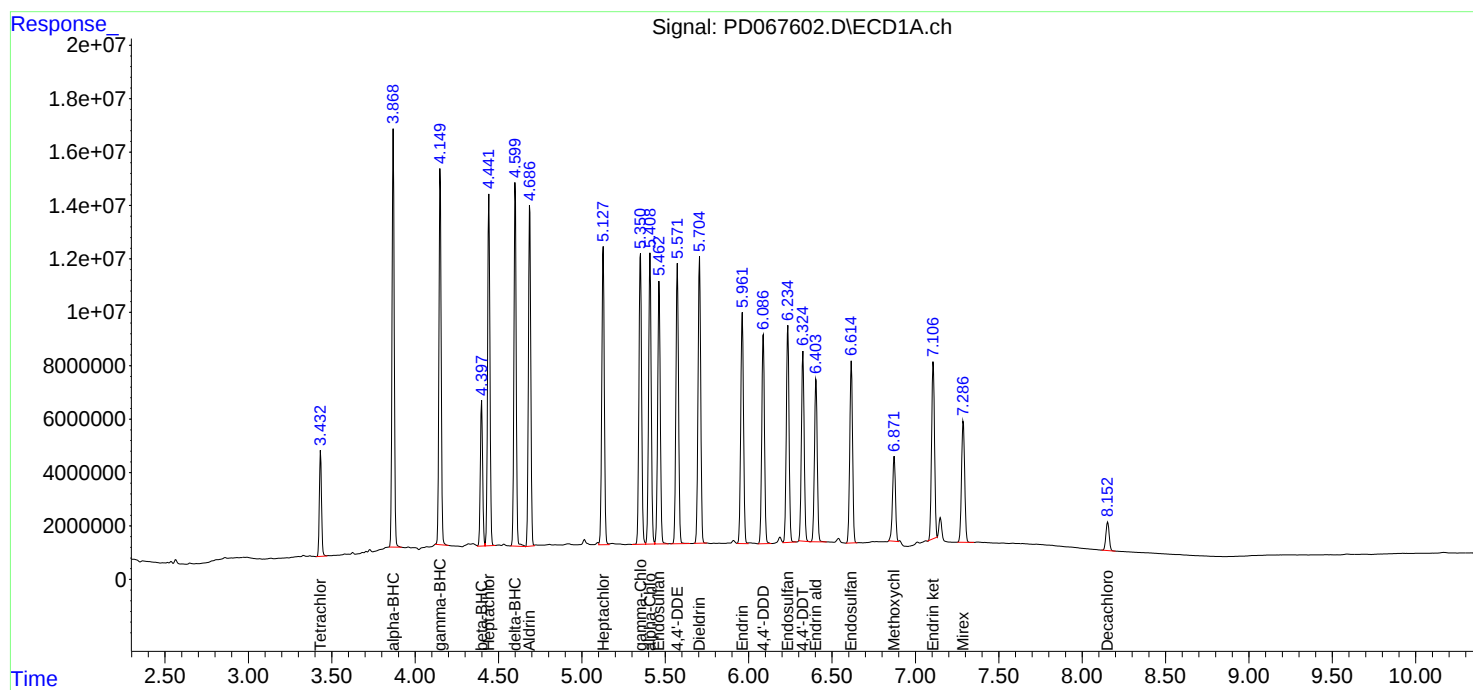
Instrument :
 ECD_D
 ClientSampleId :
 PH-4/1.5-2

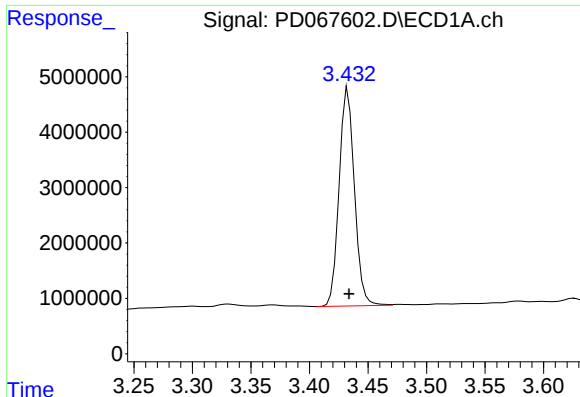
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 01/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 03:27:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
 Quant Title : GC Extractables
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Volume Inj. : 1 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 x0.5µm





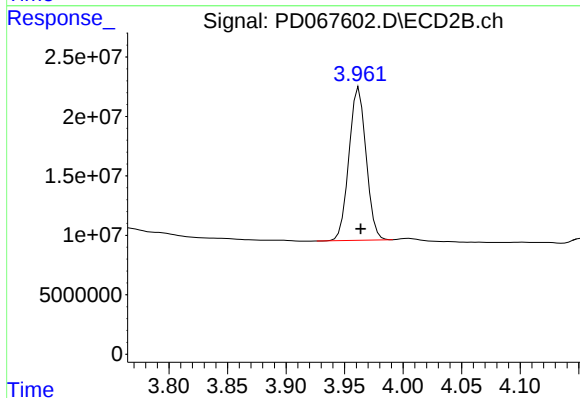
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: 0.000 min
Response: 35759205
Conc: 19.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

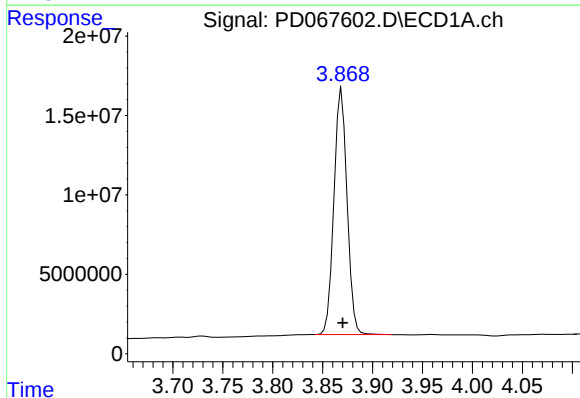
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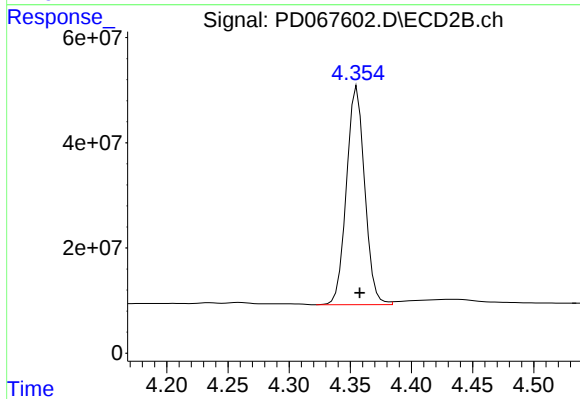
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 131078249
Conc: 19.87 ng/ml



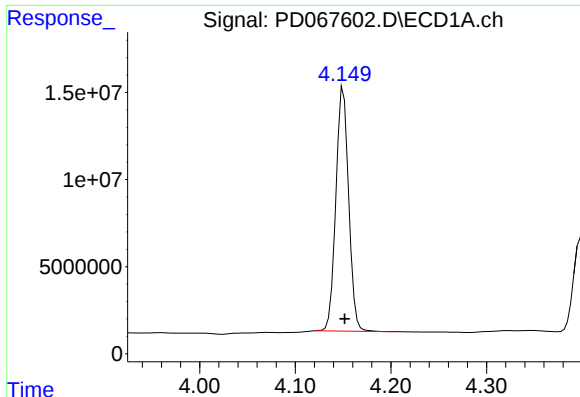
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 142105247
Conc: 49.27 ng/ml



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 429792056
Conc: 46.32 ng/ml



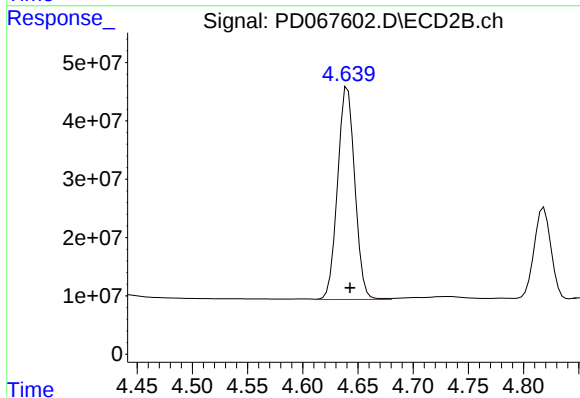
#3 gamma-BHC (Lindane)

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 129802307
Conc: 48.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

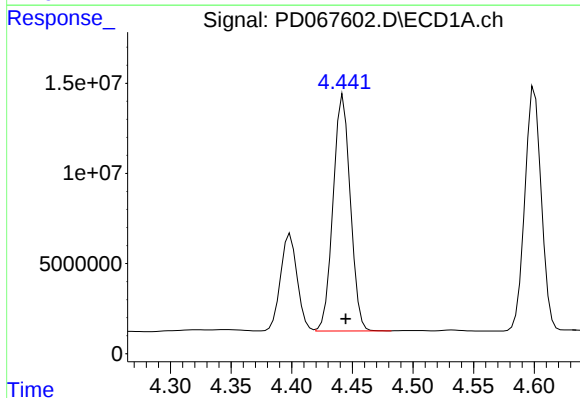
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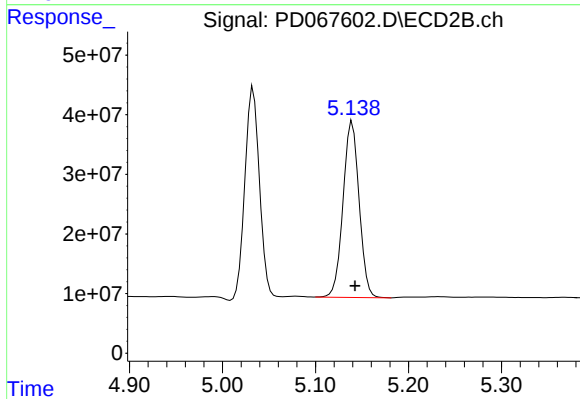
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 396513434
Conc: 47.05 ng/ml



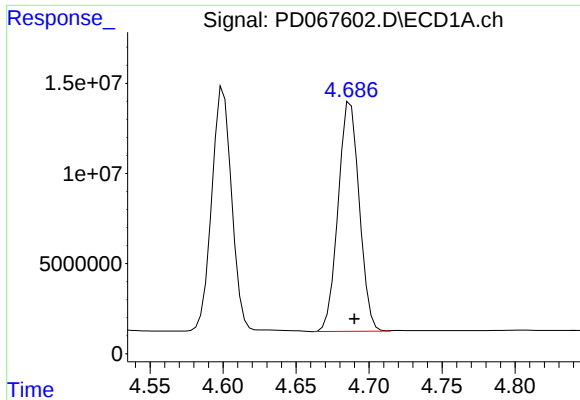
#4 Heptachlor

R.T.: 4.443 min
Delta R.T.: -0.002 min
Response: 129395834
Conc: 47.58 ng/ml



#4 Heptachlor

R.T.: 5.140 min
Delta R.T.: -0.003 min
Response: 354704027
Conc: 46.23 ng/ml



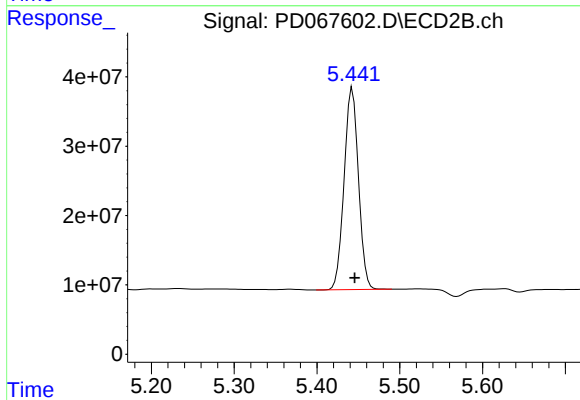
#5 Aldrin

R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 128171404
Conc: 46.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

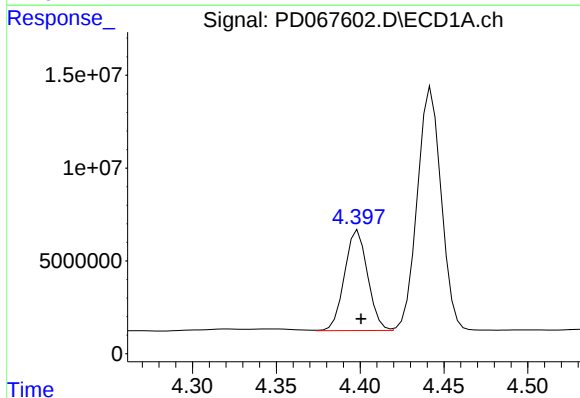
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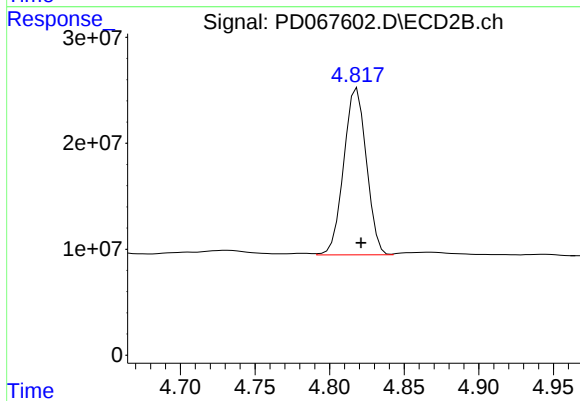
#5 Aldrin

R.T.: 5.443 min
Delta R.T.: -0.003 min
Response: 350259410
Conc: 47.24 ng/ml



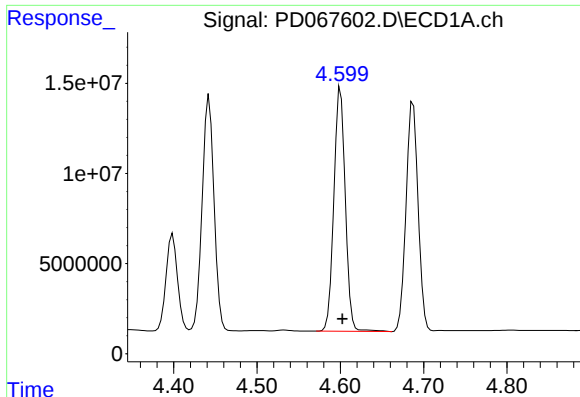
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.002 min
Response: 51750823
Conc: 47.09 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 166751319
Conc: 42.76 ng/ml



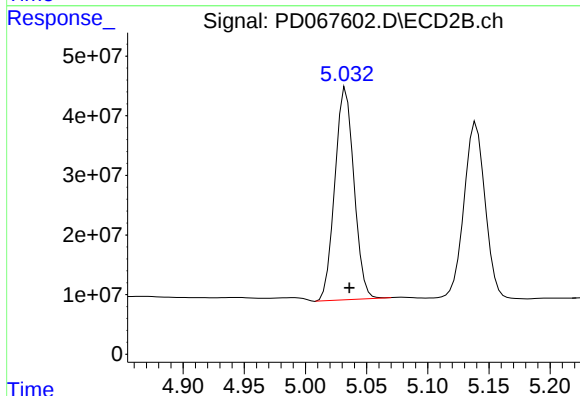
#7 delta-BHC

R.T.: 4.600 min
Delta R.T.: -0.002 min
Response: 129519901
Conc: 50.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

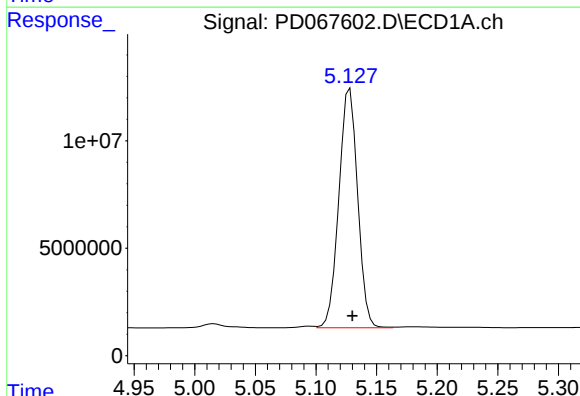
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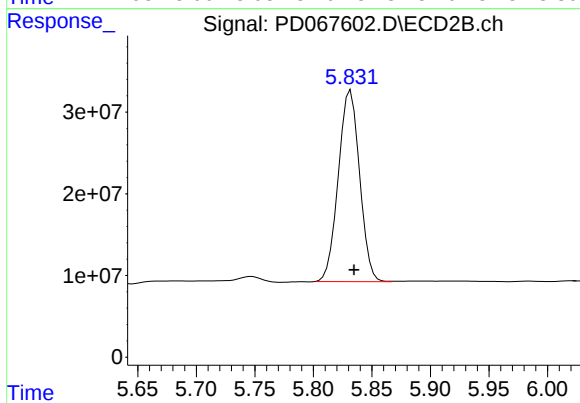
#7 delta-BHC

R.T.: 5.033 min
Delta R.T.: -0.003 min
Response: 386324680
Conc: 51.55 ng/ml



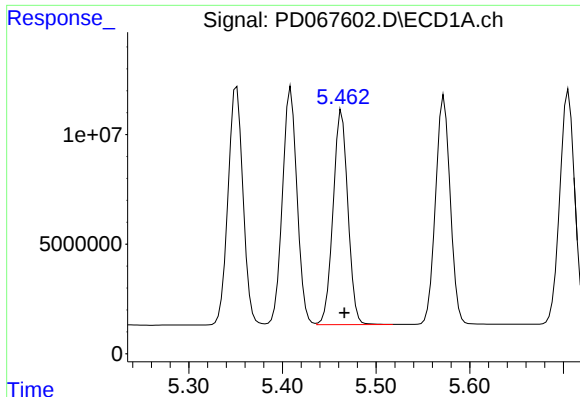
#8 Heptachlor epoxide

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 119852324
Conc: 48.64 ng/ml



#8 Heptachlor epoxide

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 296197525
Conc: 55.49 ng/ml



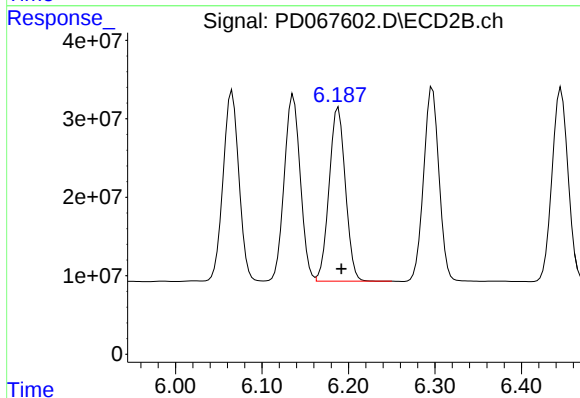
#9 Endosulfan I

R.T.: 5.463 min
Delta R.T.: -0.003 min
Response: 107890858
Conc: 48.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

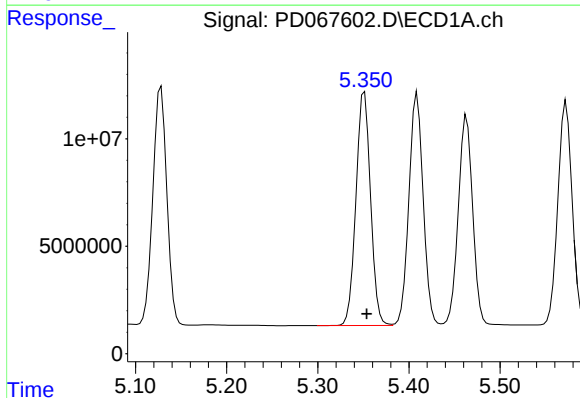
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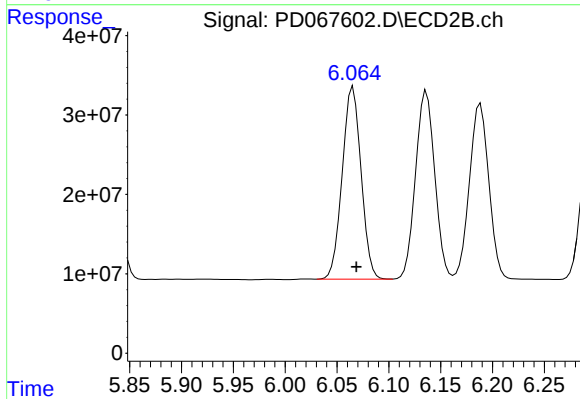
#9 Endosulfan I

R.T.: 6.188 min
Delta R.T.: -0.003 min
Response: 288798539
Conc: 47.70 ng/ml



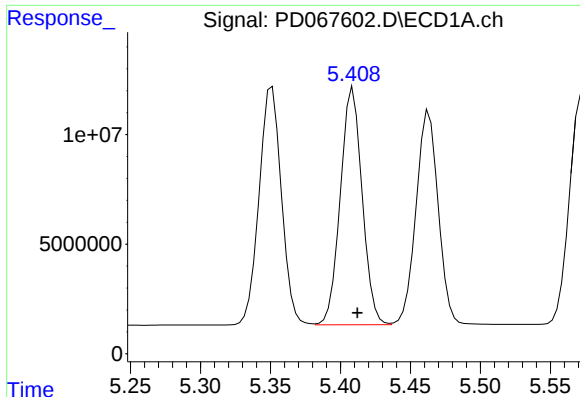
#10 gamma-Chlordane

R.T.: 5.351 min
Delta R.T.: -0.003 min
Response: 120807834
Conc: 48.87 ng/ml



#10 gamma-Chlordane

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 306717967
Conc: 47.28 ng/ml



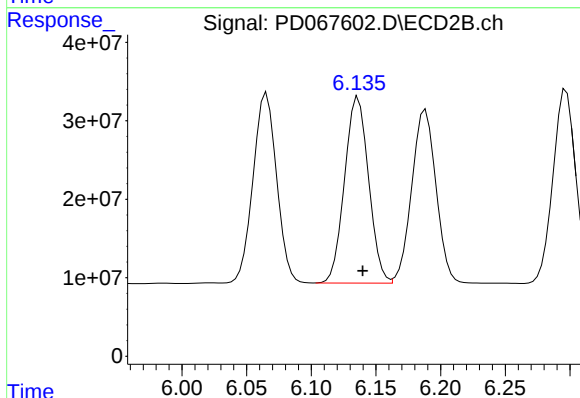
#11 alpha-Chlordane

R.T.: 5.409 min
Delta R.T.: -0.003 min
Response: 117429807
Conc: 48.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

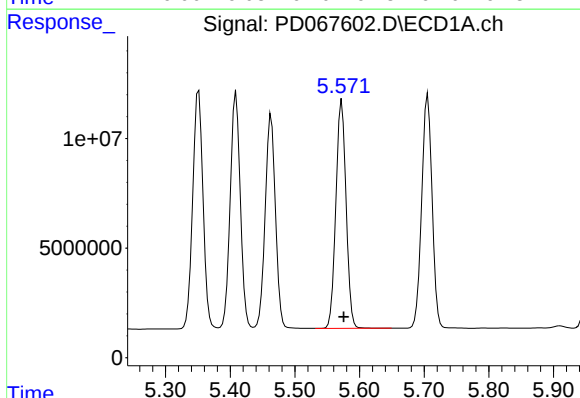
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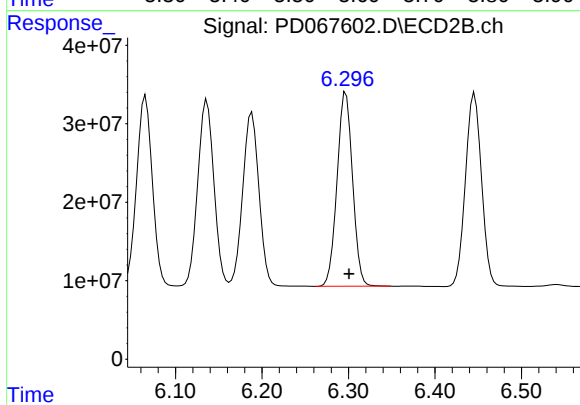
#11 alpha-Chlordane

R.T.: 6.136 min
Delta R.T.: -0.003 min
Response: 306466241
Conc: 47.28 ng/ml



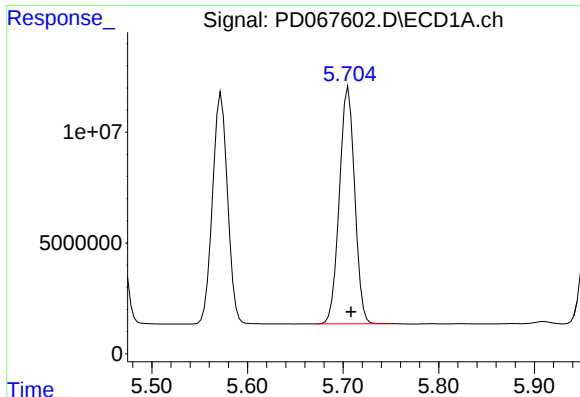
#12 4,4'-DDE

R.T.: 5.573 min
Delta R.T.: -0.003 min
Response: 114148026
Conc: 51.56 ng/ml



#12 4,4'-DDE

R.T.: 6.297 min
Delta R.T.: -0.003 min
Response: 306118482
Conc: 49.70 ng/ml



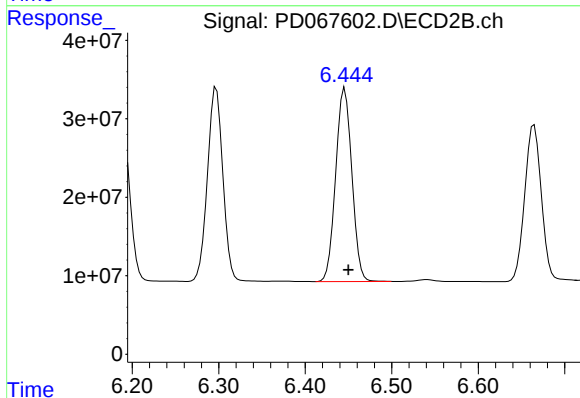
#13 Dieldrin

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 119017642
Conc: 49.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

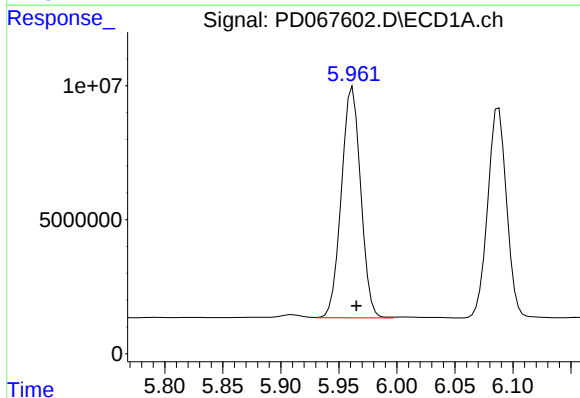
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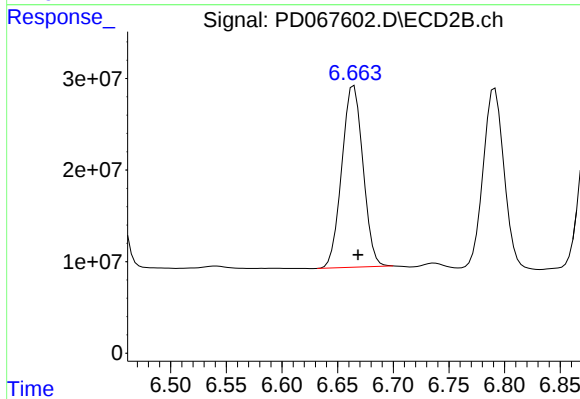
#13 Dieldrin

R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 318901302
Conc: 48.01 ng/ml



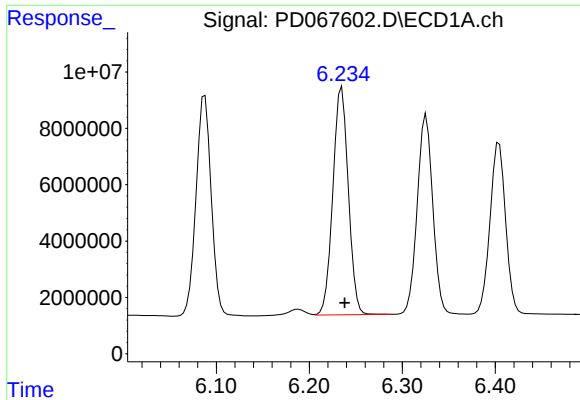
#14 Endrin

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 99756742
Conc: 47.49 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 263242524
Conc: 47.48 ng/ml



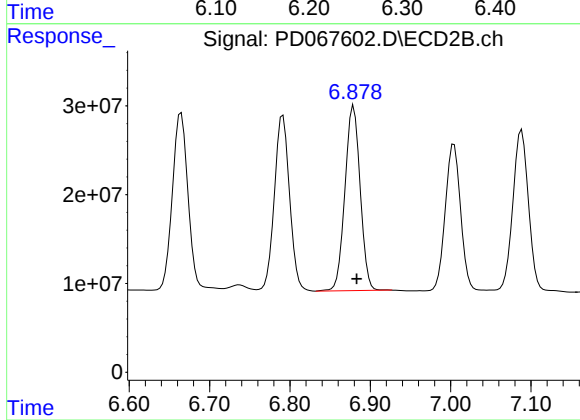
#15 Endosulfan II

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 93406218
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

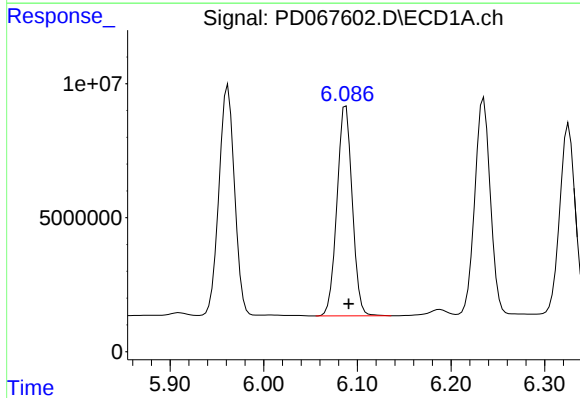
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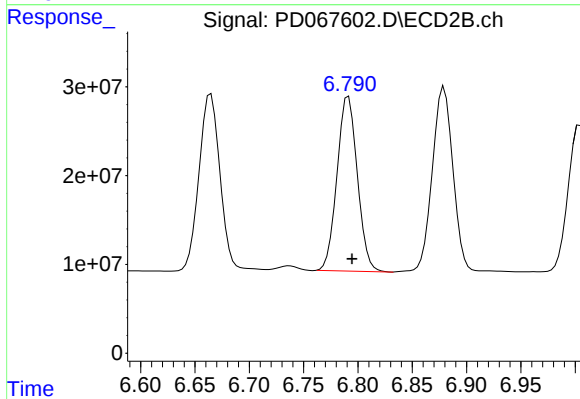
#15 Endosulfan II

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 274054548
Conc: 46.11 ng/ml



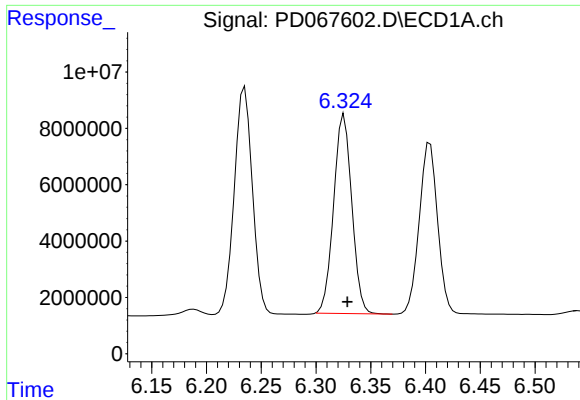
#16 4,4'-DDD

R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 88963532
Conc: 51.78 ng/ml



#16 4,4'-DDD

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 256528976
Conc: 51.25 ng/ml



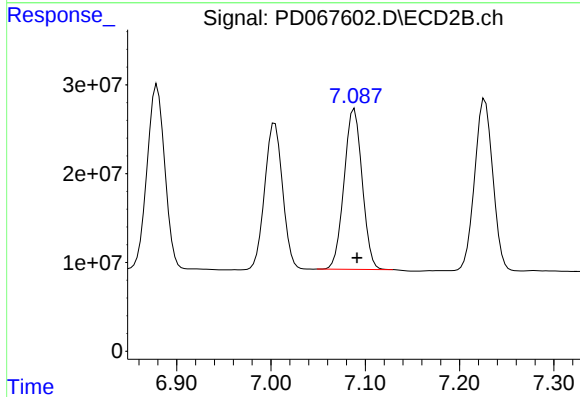
#17 4,4'-DDT

R.T.: 6.326 min
Delta R.T.: -0.003 min
Response: 81343442
Conc: 49.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

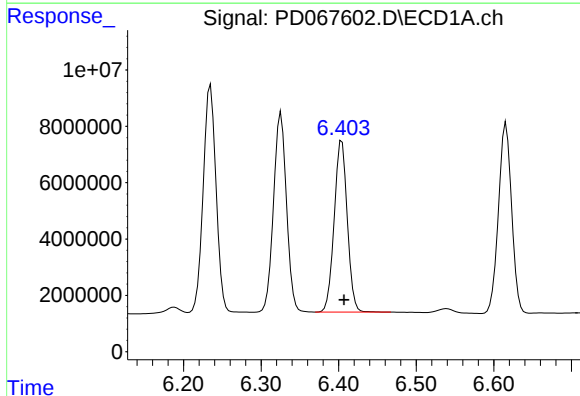
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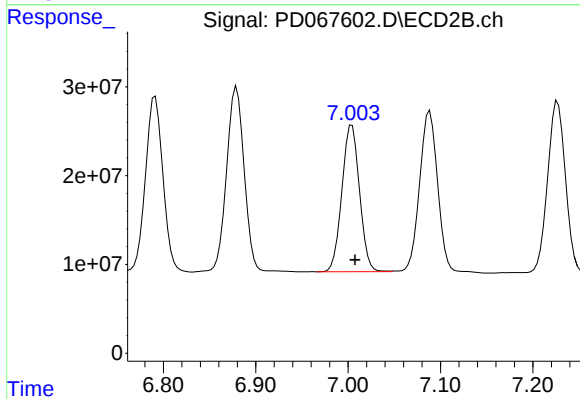
#17 4,4'-DDT

R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 241712864
Conc: 45.17 ng/ml m



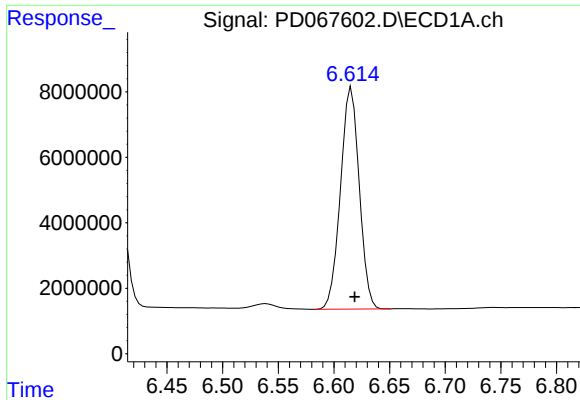
#18 Endrin aldehyde

R.T.: 6.404 min
Delta R.T.: -0.003 min
Response: 71282493
Conc: 46.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.003 min
Delta R.T.: -0.005 min
Response: 218924201
Conc: 48.53 ng/ml m



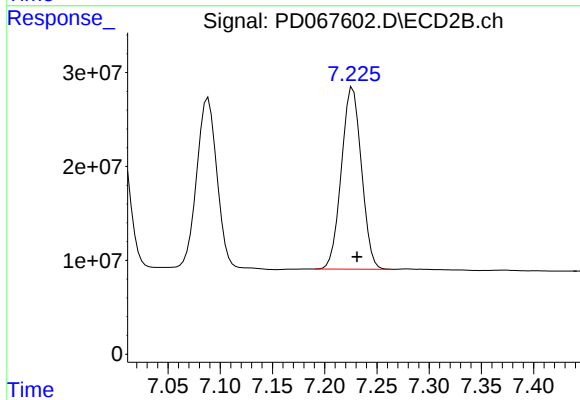
#19 Endosulfan Sulfate

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 79384655
Conc: 49.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

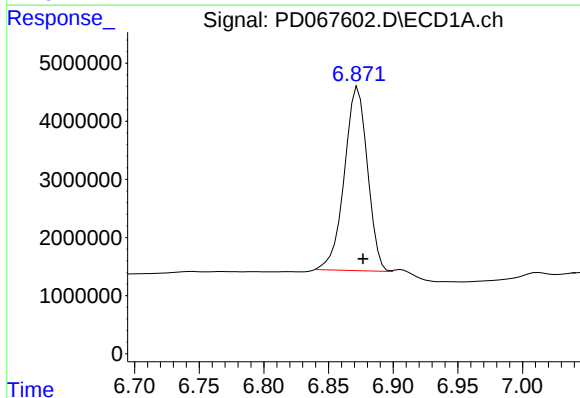
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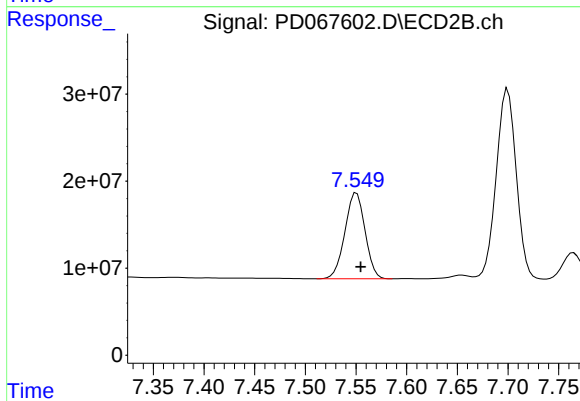
#19 Endosulfan Sulfate

R.T.: 7.225 min
Delta R.T.: -0.005 min
Response: 258751777
Conc: 47.34 ng/ml m



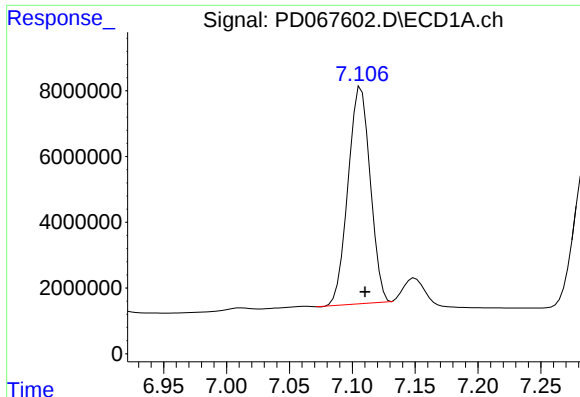
#20 Methoxychlor

R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 39168083
Conc: 46.14 ng/ml



#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 136503161
Conc: 47.05 ng/ml



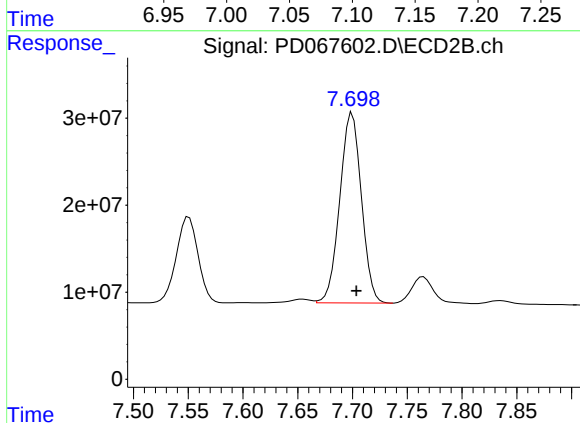
#21 Endrin ketone

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 80862752
Conc: 47.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

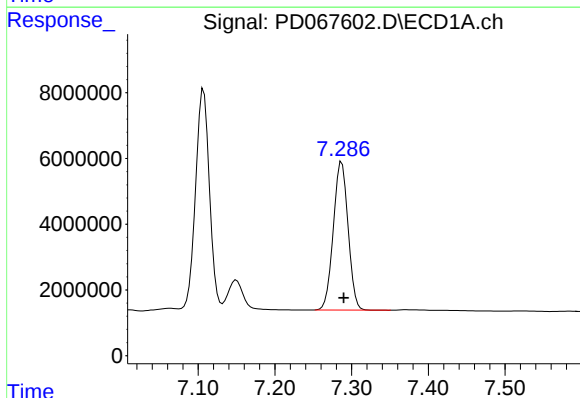
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/05/2022
Supervised By :Ankita Jodhani 01/05/2022



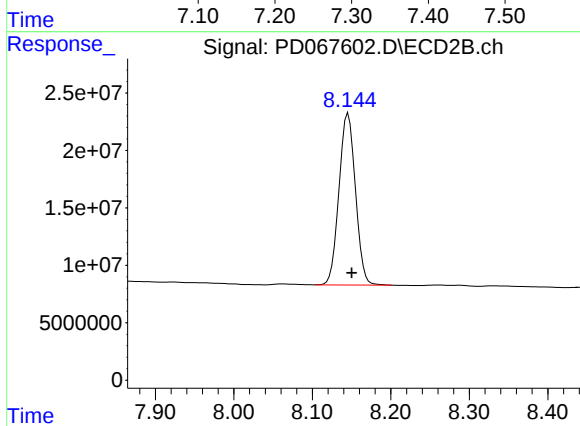
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.004 min
Response: 300292083
Conc: 47.85 ng/ml



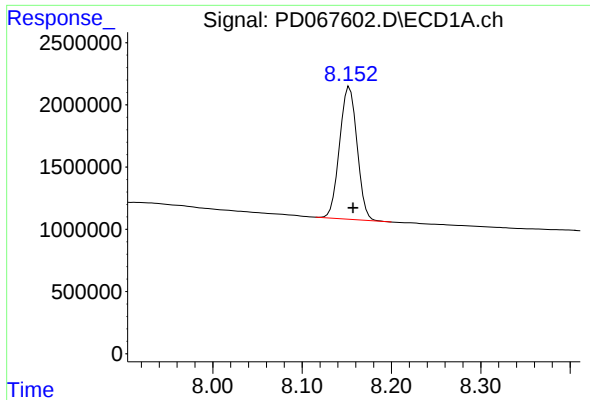
#22 Mirex

R.T.: 7.287 min
Delta R.T.: -0.003 min
Response: 60299450
Conc: 50.41 ng/ml



#22 Mirex

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 218212680
Conc: 50.25 ng/ml



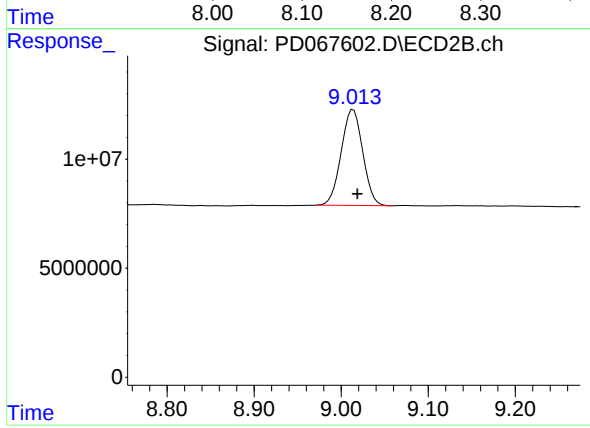
#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 14479787
Conc: 16.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-4/1.5-2

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 01/05/2022



#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 75735501
Conc: 15.94 ng/ml