

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 18:45
 Operator : AR\AJ
 Sample : N1001-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PH-3/1-1.5MS

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 03:26:48 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	3.963	36172237	133.5E6	19.905	20.229
28)	SA Decachlor...	8.153	9.014	14446337	76766307	16.263	16.153
Target Compounds							
2)	A alpha-BHC	3.869	4.356	143.9E6	437.0E6	49.889	47.095
3)	MA gamma-BHC...	4.150	4.641	132.0E6	402.5E6	49.634	47.764
4)	MA Heptachlor	4.443	5.140	131.7E6	361.4E6	48.416	47.112
5)	MB Aldrin	4.688	5.443	129.4E6	357.2E6	46.768	48.170
6)	B beta-BHC	4.399	4.819	52497878	168.9E6	47.769	43.319
7)	B delta-BHC	4.601	5.034	130.3E6	389.8E6	50.479	52.011
8)	B Heptachlo...	5.128	5.832	121.6E6	295.2E6	49.350	55.296
9)	A Endosulfan I	5.464	6.189	109.4E6	294.7E6	49.188	48.685
10)	B gamma-Chl...	5.352	6.066	122.9E6	309.1E6	49.692	47.640
11)	B alpha-Chl...	5.410	6.137	118.8E6	312.0E6	49.125	48.133
12)	B 4,4'-DDE	5.574	6.298	115.5E6	311.3E6	52.157	50.535
13)	MA Dieldrin	5.706	6.446	120.9E6	324.4E6	50.089	48.829
14)	MA Endrin	5.963	6.665	101.3E6	268.2E6	48.201	48.386
15)	B Endosulfa...	6.236	6.880	94521896	282.7E6	47.134	47.567
16)	A 4,4'-DDD	6.088	6.792	90000997	264.8E6	52.387	52.902
17)	MA 4,4'-DDT	6.325	7.089	83780496	253.2E6	51.273m	47.314
18)	B Endrin al...	6.405	7.005	71694695	221.9E6	47.180	49.197
19)	B Endosulfa...	6.616	7.226	80441640	262.8E6	49.826	48.088m
20)	A Methoxychlor	6.874	7.551	39123065	139.6E6	46.088	48.126
21)	B Endrin ke...	7.107	7.700	81257626	303.4E6	47.479	48.353
22)	Mirex	7.288	8.146	60812484	221.4E6	50.841	50.991

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD010522\
 Data File : PD067600.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jan 2022 18:45
 Operator : AR\AJ
 Sample : N1001-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

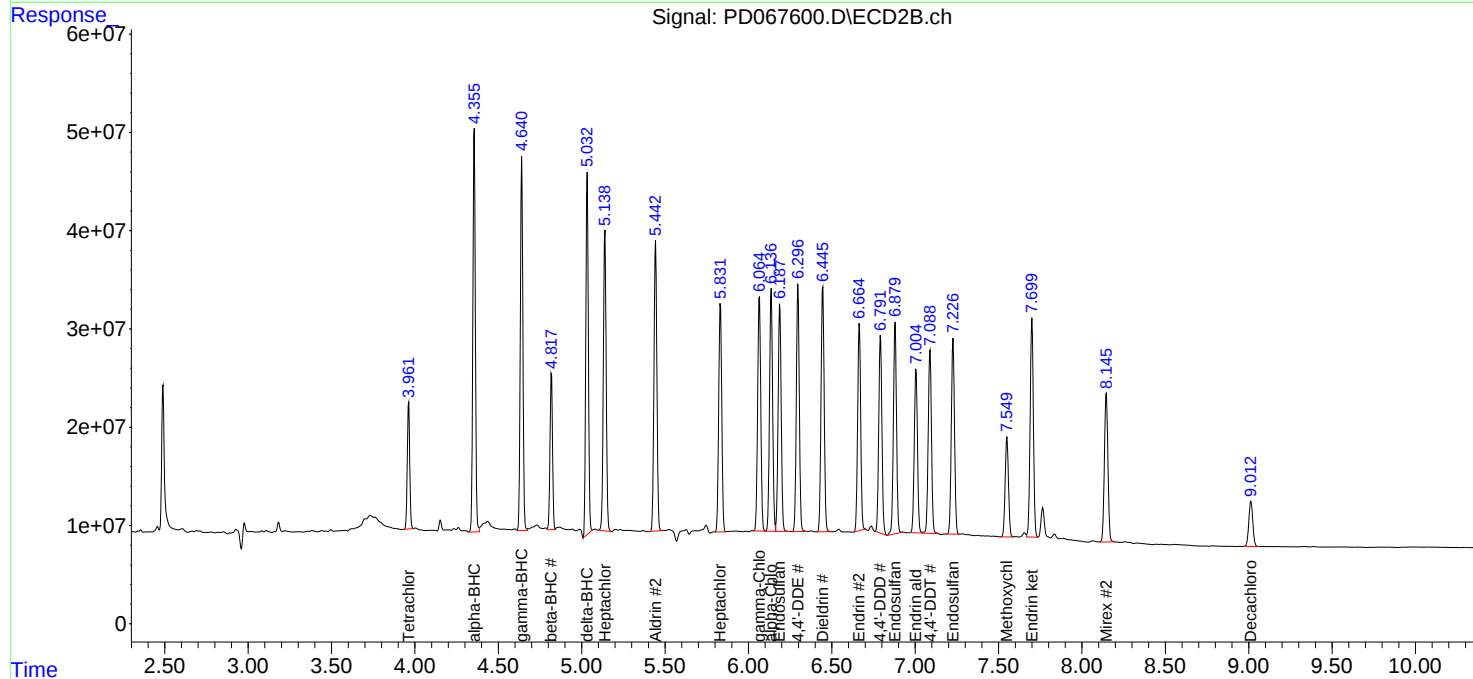
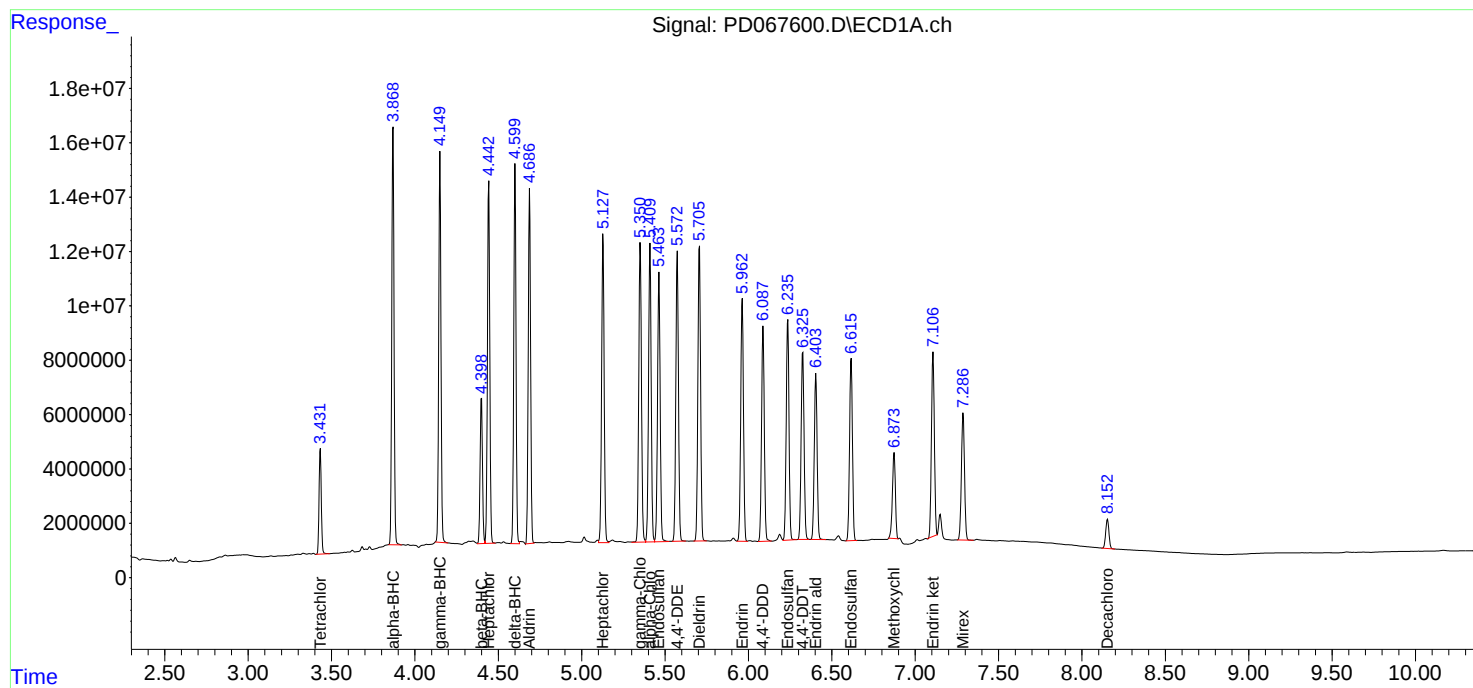
Instrument :
 ECD_D
 ClientSampleId :
 PH-3/1-1.5MS

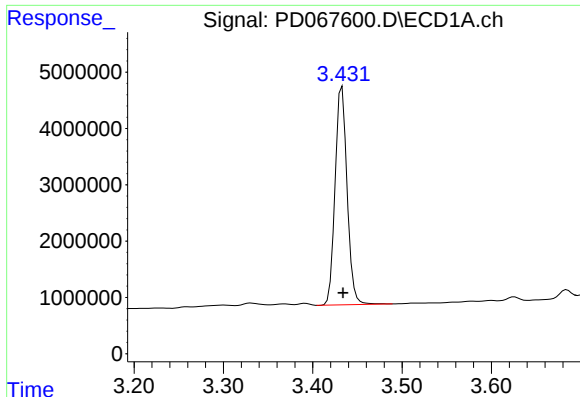
Manual Integrations APPROVED

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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 03:26:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PD122821.M
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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





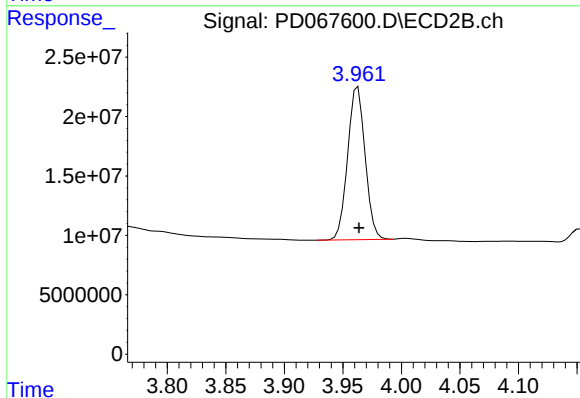
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: -0.001 min
Response: 36172237
Conc: 19.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

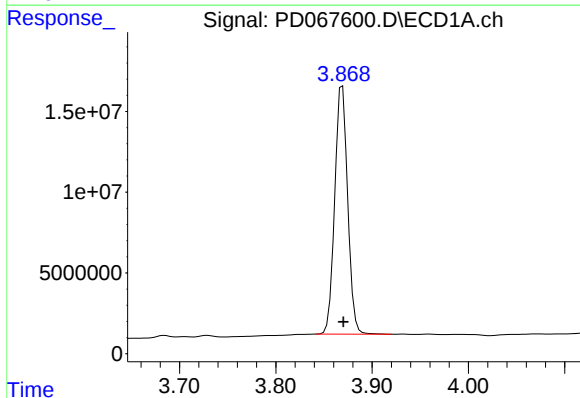
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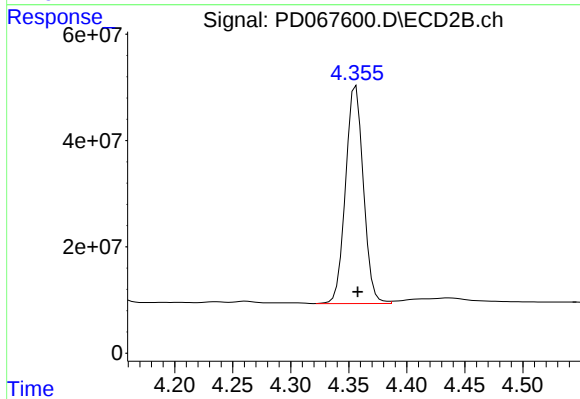
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 133473941
Conc: 20.23 ng/ml



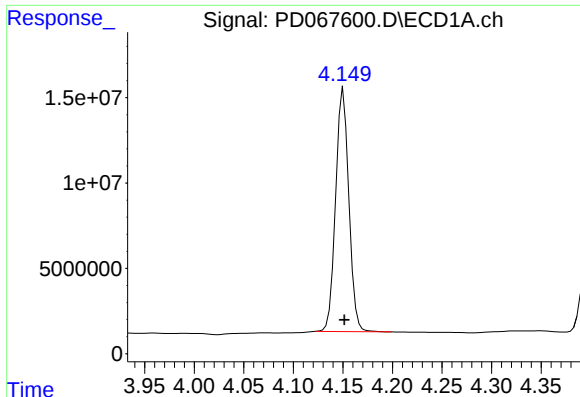
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: 0.000 min
Response: 143884553
Conc: 49.89 ng/ml



#2 alpha-BHC

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 436952071
Conc: 47.09 ng/ml



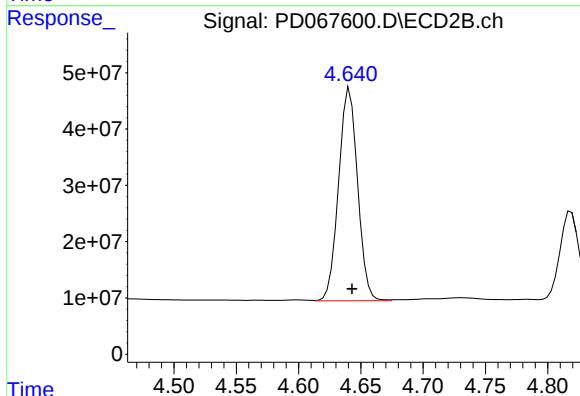
#3 gamma-BHC (Lindane)

R.T.: 4.150 min
Delta R.T.: -0.001 min
Response: 132010391
Conc: 49.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

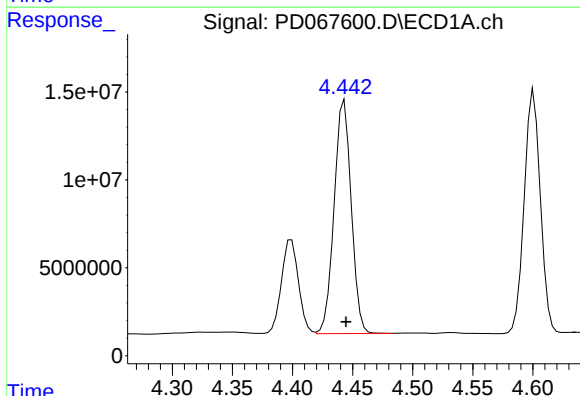
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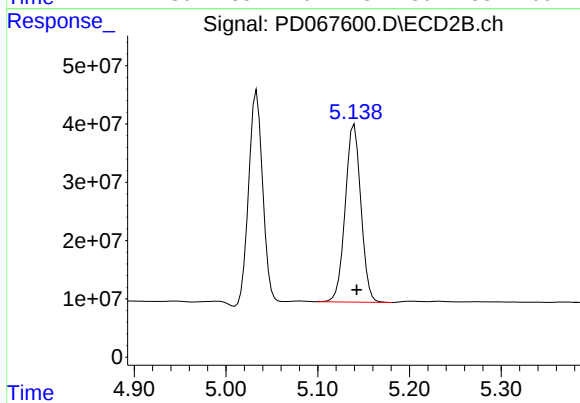
#3 gamma-BHC (Lindane)

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 402544350
Conc: 47.76 ng/ml



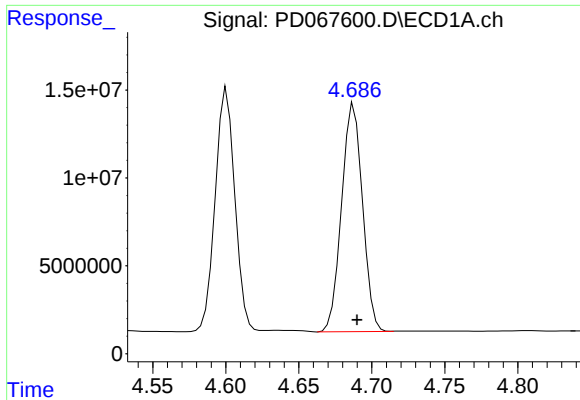
#4 Heptachlor

R.T.: 4.443 min
Delta R.T.: -0.001 min
Response: 131664079
Conc: 48.42 ng/ml



#4 Heptachlor

R.T.: 5.140 min
Delta R.T.: -0.003 min
Response: 361444493
Conc: 47.11 ng/ml



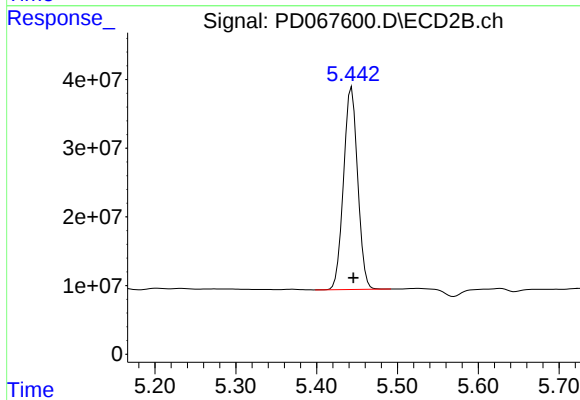
#5 Aldrin

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 129445530
Conc: 46.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

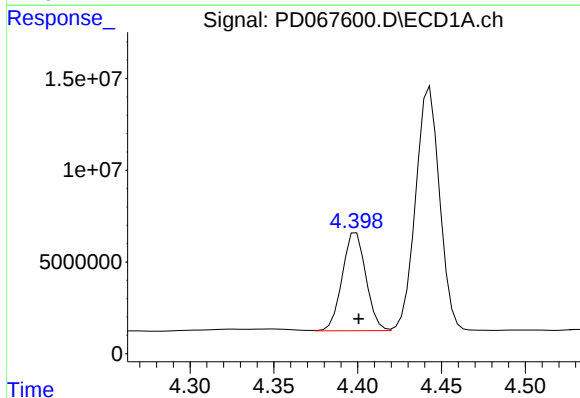
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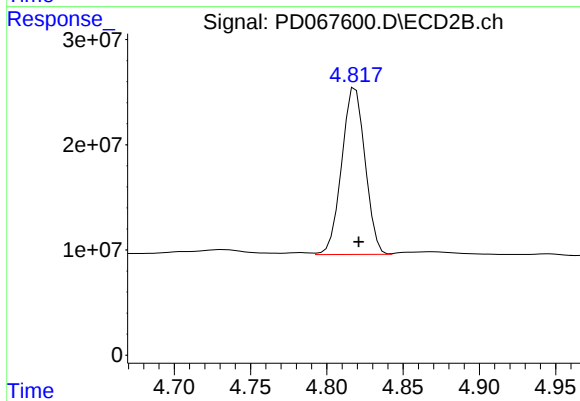
#5 Aldrin

R.T.: 5.443 min
Delta R.T.: -0.002 min
Response: 357172986
Conc: 48.17 ng/ml



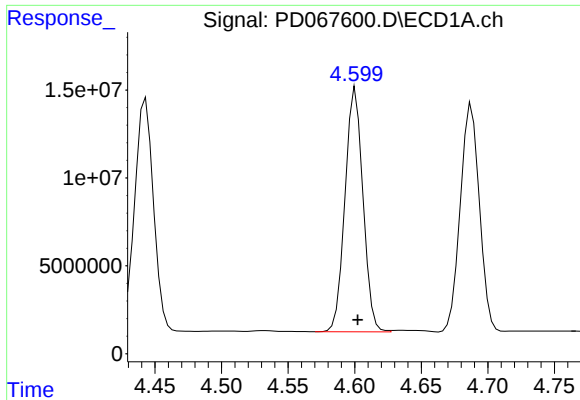
#6 beta-BHC

R.T.: 4.399 min
Delta R.T.: -0.001 min
Response: 52497878
Conc: 47.77 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: -0.002 min
Response: 168913770
Conc: 43.32 ng/ml



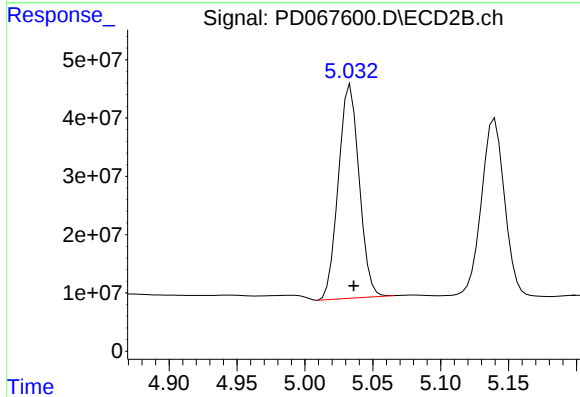
#7 delta-BHC

R.T.: 4.601 min
Delta R.T.: -0.002 min
Response: 130254470
Conc: 50.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

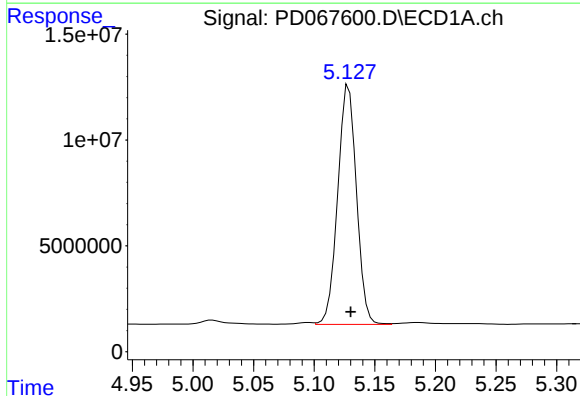
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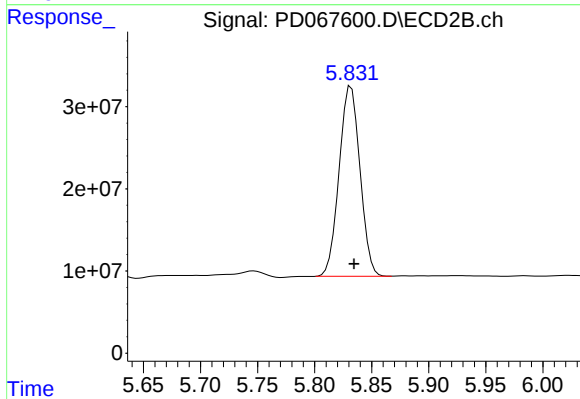
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 389790571
Conc: 52.01 ng/ml



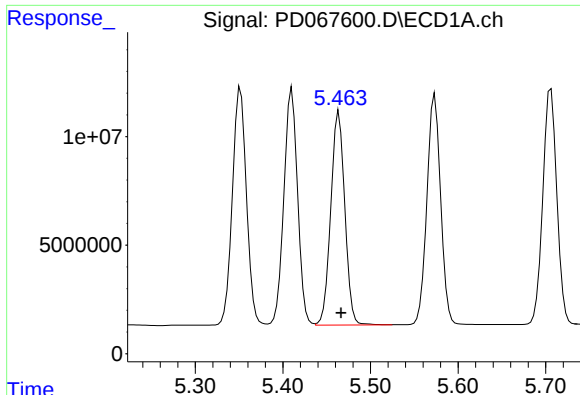
#8 Heptachlor epoxide

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 121609858
Conc: 49.35 ng/ml



#8 Heptachlor epoxide

R.T.: 5.832 min
Delta R.T.: -0.003 min
Response: 295152973
Conc: 55.30 ng/ml



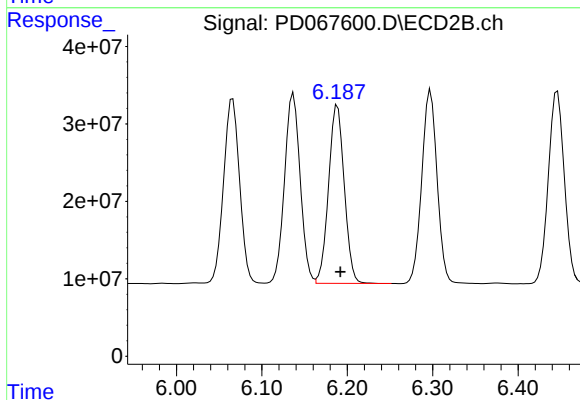
#9 Endosulfan I

R.T.: 5.464 min
Delta R.T.: -0.002 min
Response: 109439653
Conc: 49.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

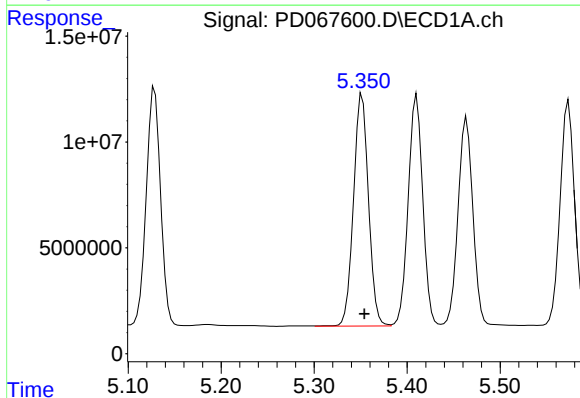
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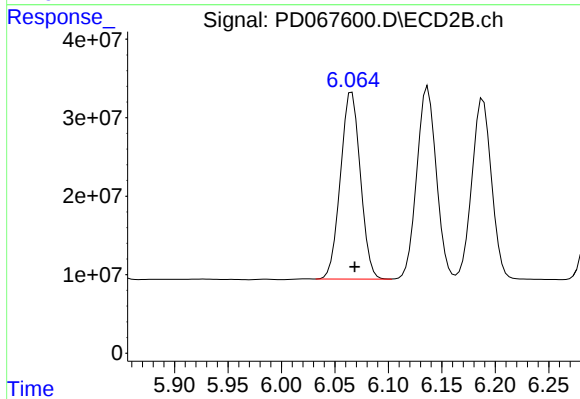
#9 Endosulfan I

R.T.: 6.189 min
Delta R.T.: -0.003 min
Response: 294739215
Conc: 48.68 ng/ml



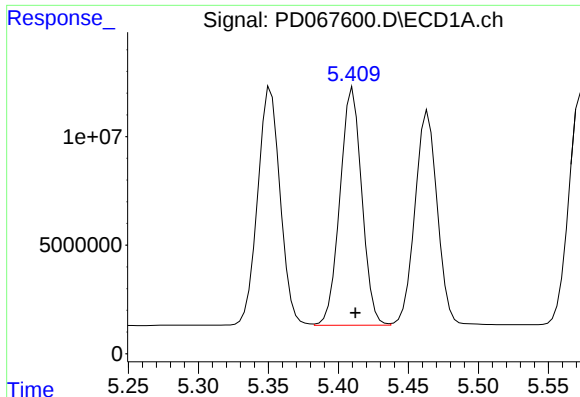
#10 gamma-Chlordane

R.T.: 5.352 min
Delta R.T.: -0.002 min
Response: 122851369
Conc: 49.69 ng/ml



#10 gamma-Chlordane

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 309054241
Conc: 47.64 ng/ml



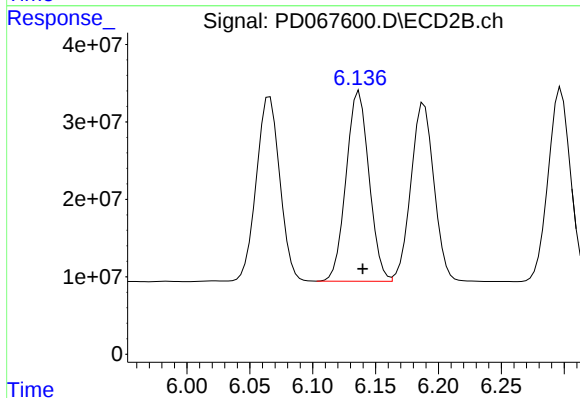
#11 alpha-Chlordane

R.T.: 5.410 min
Delta R.T.: -0.002 min
Response: 118776350
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

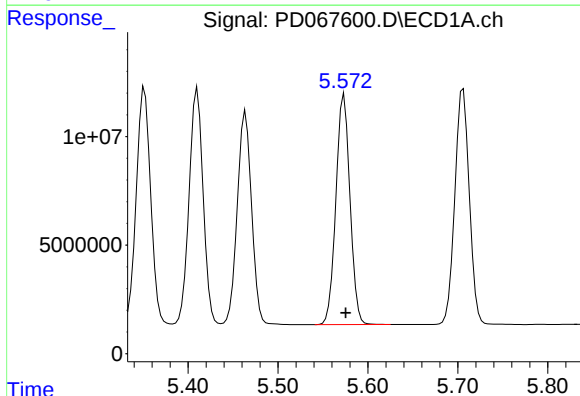
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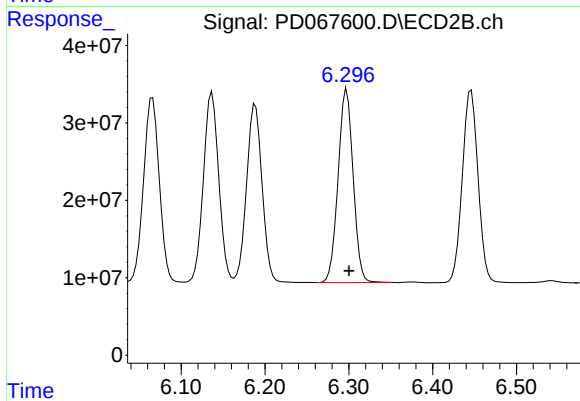
#11 alpha-Chlordane

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 312019028
Conc: 48.13 ng/ml



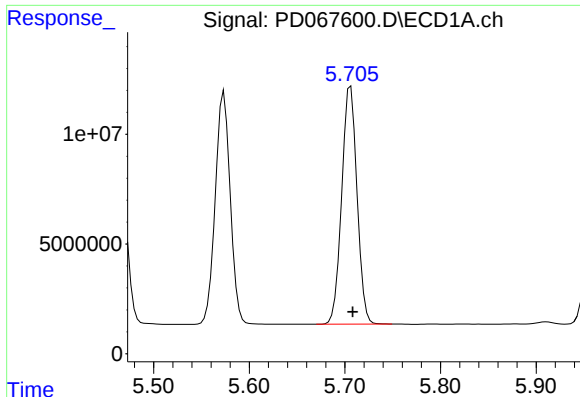
#12 4,4'-DDE

R.T.: 5.574 min
Delta R.T.: -0.002 min
Response: 115467525
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 311275242
Conc: 50.54 ng/ml



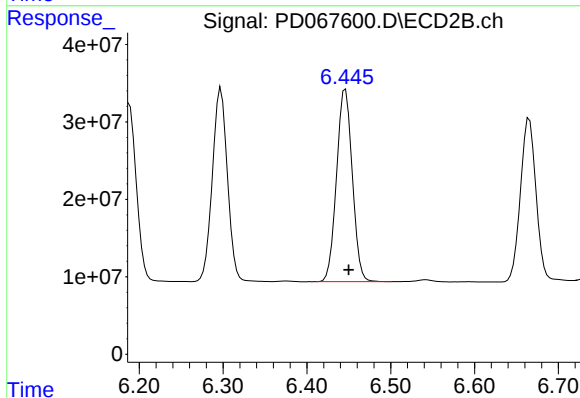
#13 Dieldrin

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 120931145
Conc: 50.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

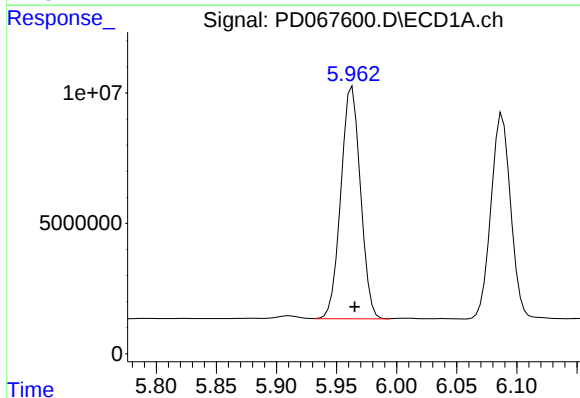
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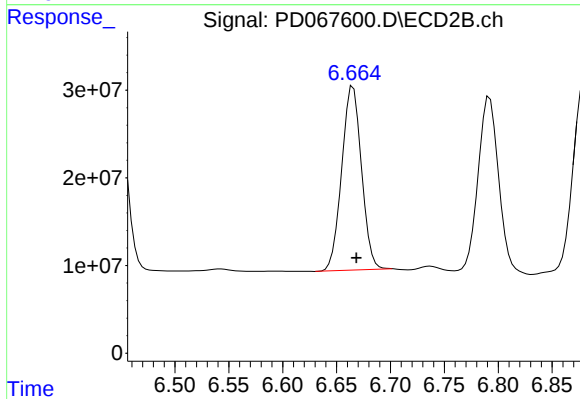
#13 Dieldrin

R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 324363622
Conc: 48.83 ng/ml



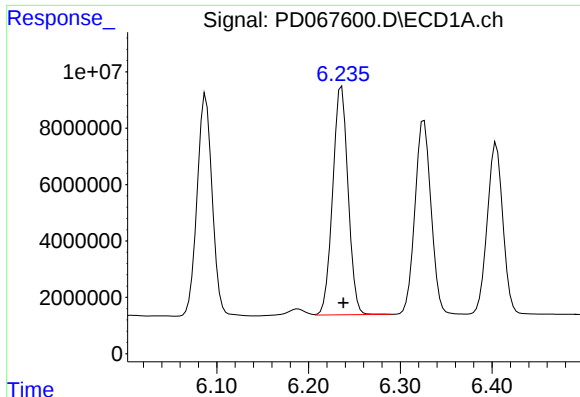
#14 Endrin

R.T.: 5.963 min
Delta R.T.: -0.002 min
Response: 101254421
Conc: 48.20 ng/ml



#14 Endrin

R.T.: 6.665 min
Delta R.T.: -0.003 min
Response: 268241980
Conc: 48.39 ng/ml



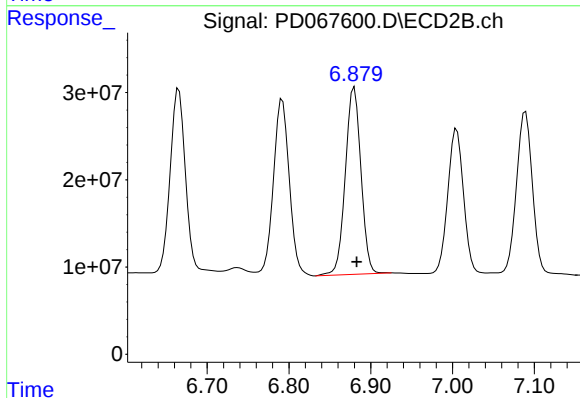
#15 Endosulfan II

R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 94521896
Conc: 47.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

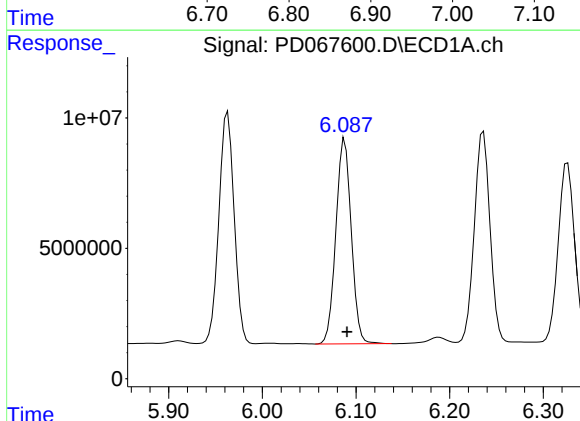
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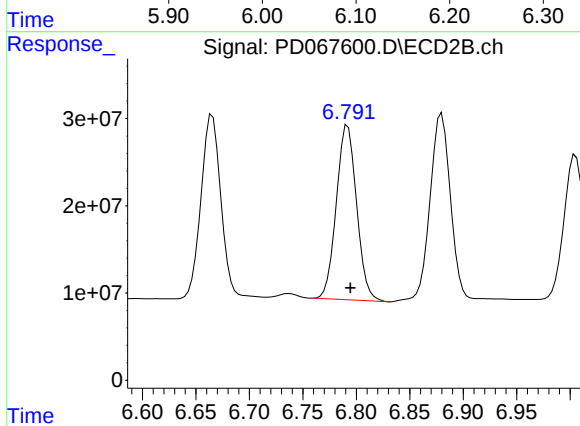
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 282719884
Conc: 47.57 ng/ml



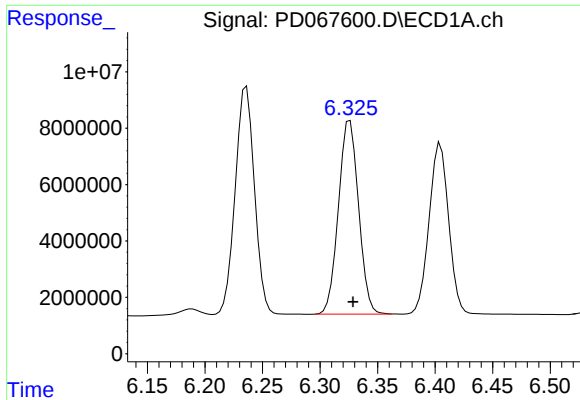
#16 4,4'-DDD

R.T.: 6.088 min
Delta R.T.: -0.003 min
Response: 90000997
Conc: 52.39 ng/ml



#16 4,4'-DDD

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 264819952
Conc: 52.90 ng/ml



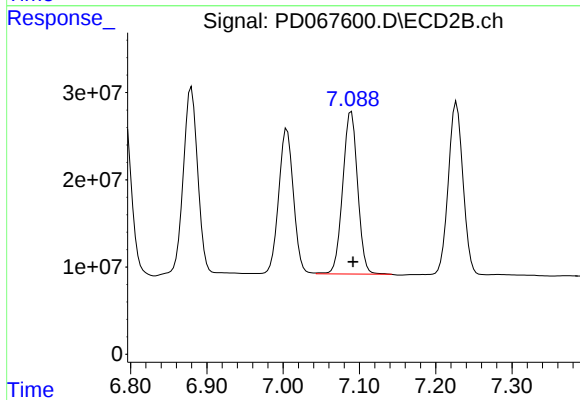
#17 4,4'-DDT

R.T.: 6.325 min
Delta R.T.: -0.004 min
Response: 83780496
Conc: 51.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

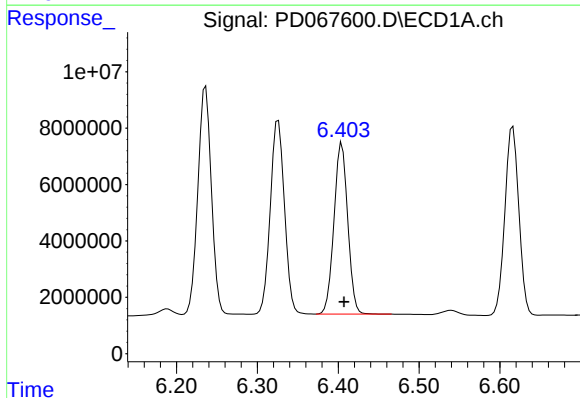
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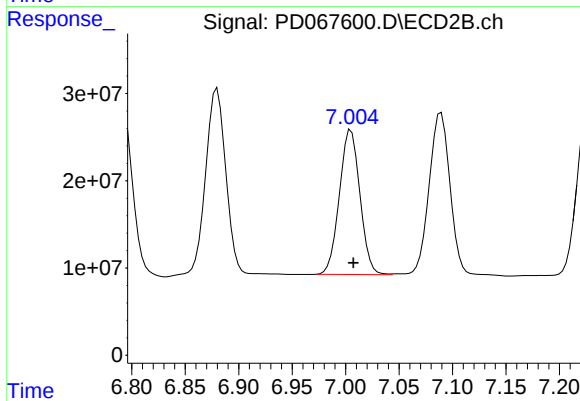
#17 4,4'-DDT

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 253172752
Conc: 47.31 ng/ml



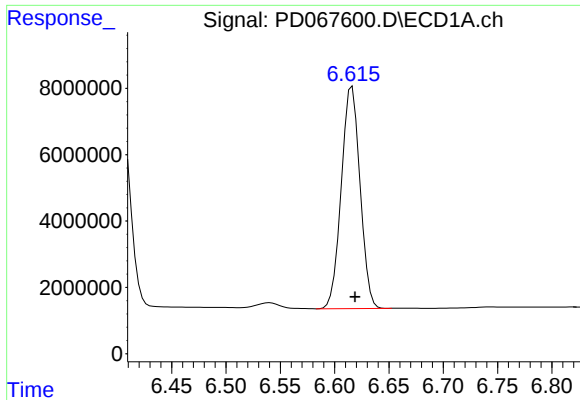
#18 Endrin aldehyde

R.T.: 6.405 min
Delta R.T.: -0.002 min
Response: 71694695
Conc: 47.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.005 min
Delta R.T.: -0.002 min
Response: 221949371
Conc: 49.20 ng/ml



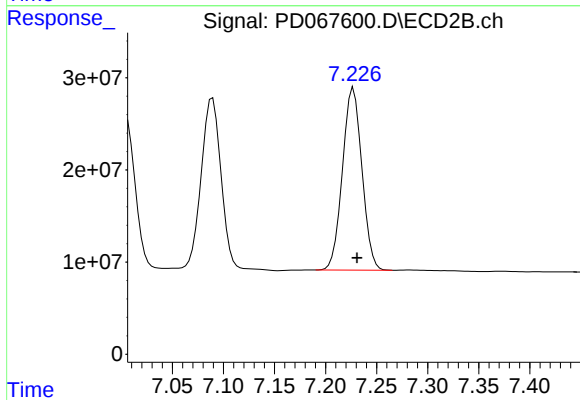
#19 Endosulfan Sulfate

R.T.: 6.616 min
Delta R.T.: -0.003 min
Response: 80441640
Conc: 49.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

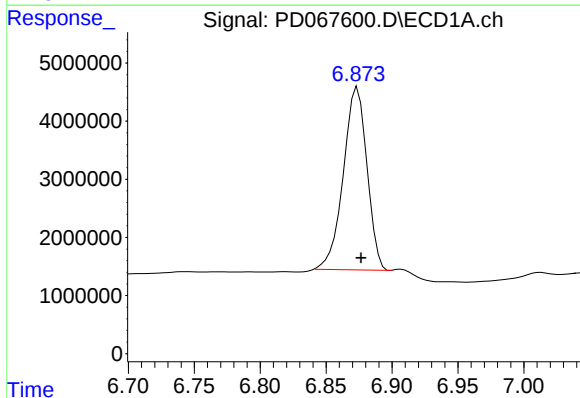
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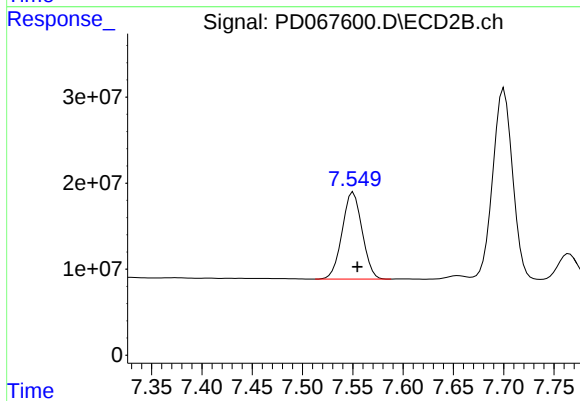
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.005 min
Response: 262818864
Conc: 48.09 ng/ml m



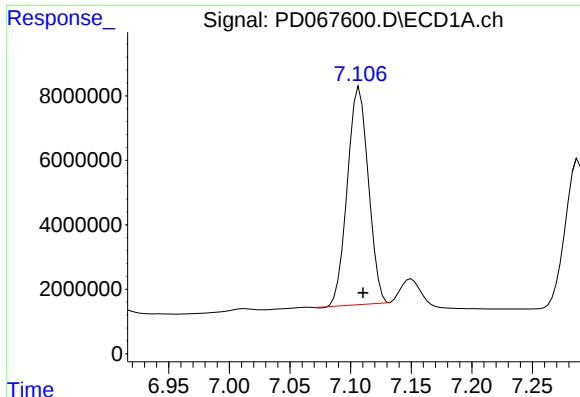
#20 Methoxychlor

R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 39123065
Conc: 46.09 ng/ml



#20 Methoxychlor

R.T.: 7.551 min
Delta R.T.: -0.004 min
Response: 139634713
Conc: 48.13 ng/ml



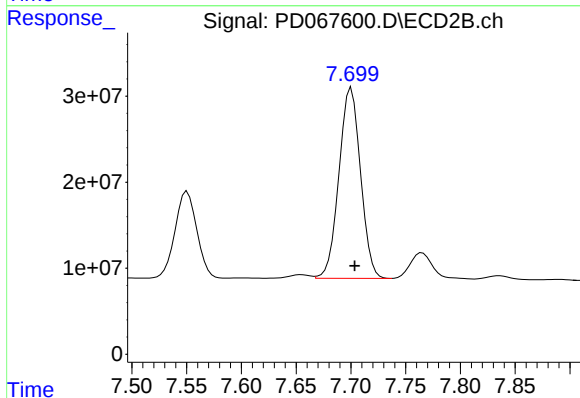
#21 Endrin ketone

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 81257626
Conc: 47.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PH-3/1-1.5MS

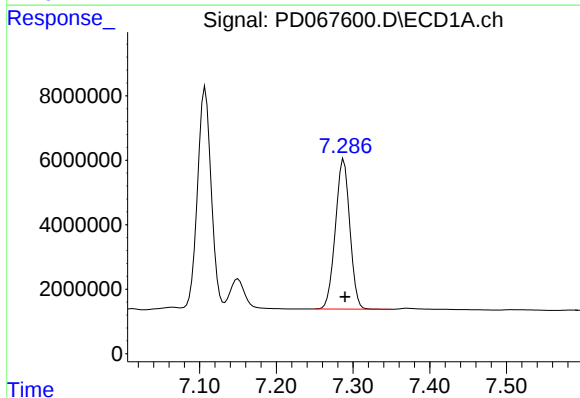
Manual Integrations
APPROVED

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



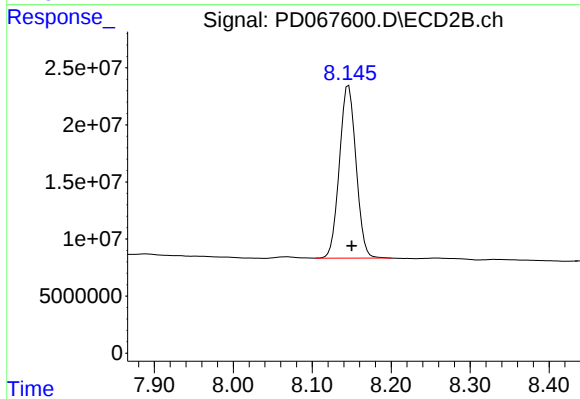
#21 Endrin ketone

R.T.: 7.700 min
Delta R.T.: -0.003 min
Response: 303431484
Conc: 48.35 ng/ml



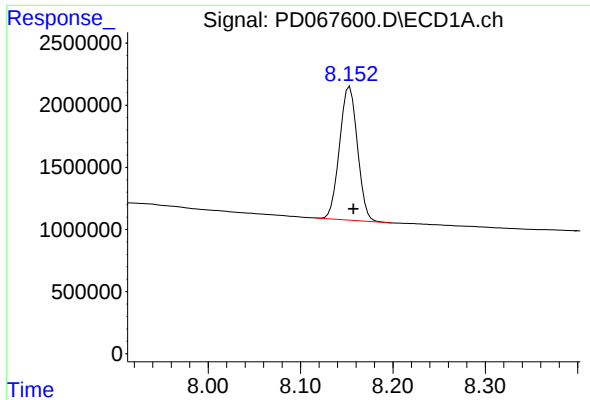
#22 Mirex

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 60812484
Conc: 50.84 ng/ml



#22 Mirex

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 221412934
Conc: 50.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.153 min
Delta R.T.: -0.004 min
Response: 14446337
Conc: 16.26 ng/ml

Instrument :

ECD_D

ClientSampleId :

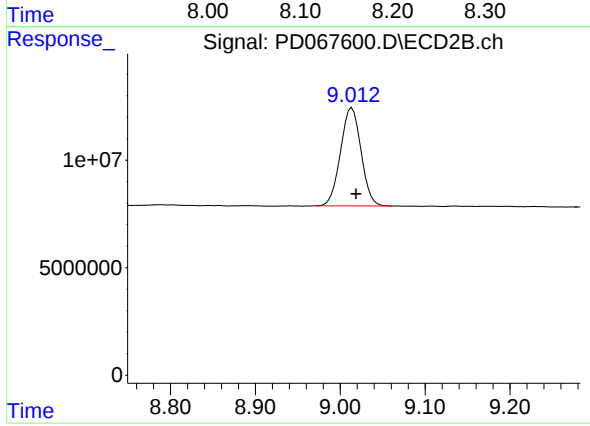
PH-3/1-1.5MS

Manual Integrations

APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.005 min
Response: 76766307
Conc: 16.15 ng/ml