

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 13:31
 Operator : AR\AJ
 Sample : N2896-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 P038-SS001-1824-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 05:32:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 08 02:48:31 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...	3.440	4.167	18979184	173.4E6	17.482	17.764
28)	SA Decachlor...	8.191	9.360	17027130	103.4E6	15.311	16.805
Target Compounds							
2)	A alpha-BHC	3.878	4.563	82723468	723.7E6	50.576	49.654
3)	MA gamma-BHC...	4.162	4.854	76194749	662.9E6	49.483	49.129
4)	MA Heptachlor	4.458	5.380	73497434	642.7E6	47.529	49.103
5)	MB Aldrin	4.705	5.693	75028776	655.2E6	51.016	51.221
6)	B beta-BHC	4.412	5.018	32208772	282.5E6	44.770	46.398
7)	B delta-BHC	4.616	5.243	74926863	565.9E6	48.400	62.343 #
8)	B Heptachlo...	5.149	6.081	67009843	533.0E6	48.867	64.696 #
9)	A Endosulfan I	5.487	6.445	62588170	515.2E6	47.815	48.653
10)	B gamma-Chl...	5.374	6.318	68507748	574.2E6	49.303	49.961
11)	B alpha-Chl...	5.433	6.393	67402894	552.5E6	48.679	48.872
12)	B 4,4'-DDE	5.599	6.543	62392392	528.2E6	49.889	50.382
13)	MA Dieldrin	5.731	6.702	68554075	559.5E6	50.902	51.189
14)	MA Endrin	5.989	6.923	61784819	470.1E6	51.304	56.003
15)	B Endosulfa...	6.262	7.128	59231888	448.3E6	52.463	53.027
16)	A 4,4'-DDD	6.116	7.034	53891866	431.2E6	49.620	51.267
17)	MA 4,4'-DDT	6.356	7.337	51371565	401.6E6	48.422	46.789
18)	B Endrin al...	6.432	7.251	47855718	362.5E6	51.711	52.818m
19)	B Endosulfa...	6.645	7.477	56766617	422.5E6	47.964	50.725
20)	A Methoxychlor	6.906	7.791	30509582	214.7E6	49.486	50.918
21)	B Endrin ke...	7.138	7.952	66530148	439.7E6	49.425	50.677
22)	Mirex	7.321	8.417	48603850	298.1E6	46.540	48.523

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060722\
 Data File : PD070163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 13:31
 Operator : AR\AJ
 Sample : N2896-10MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

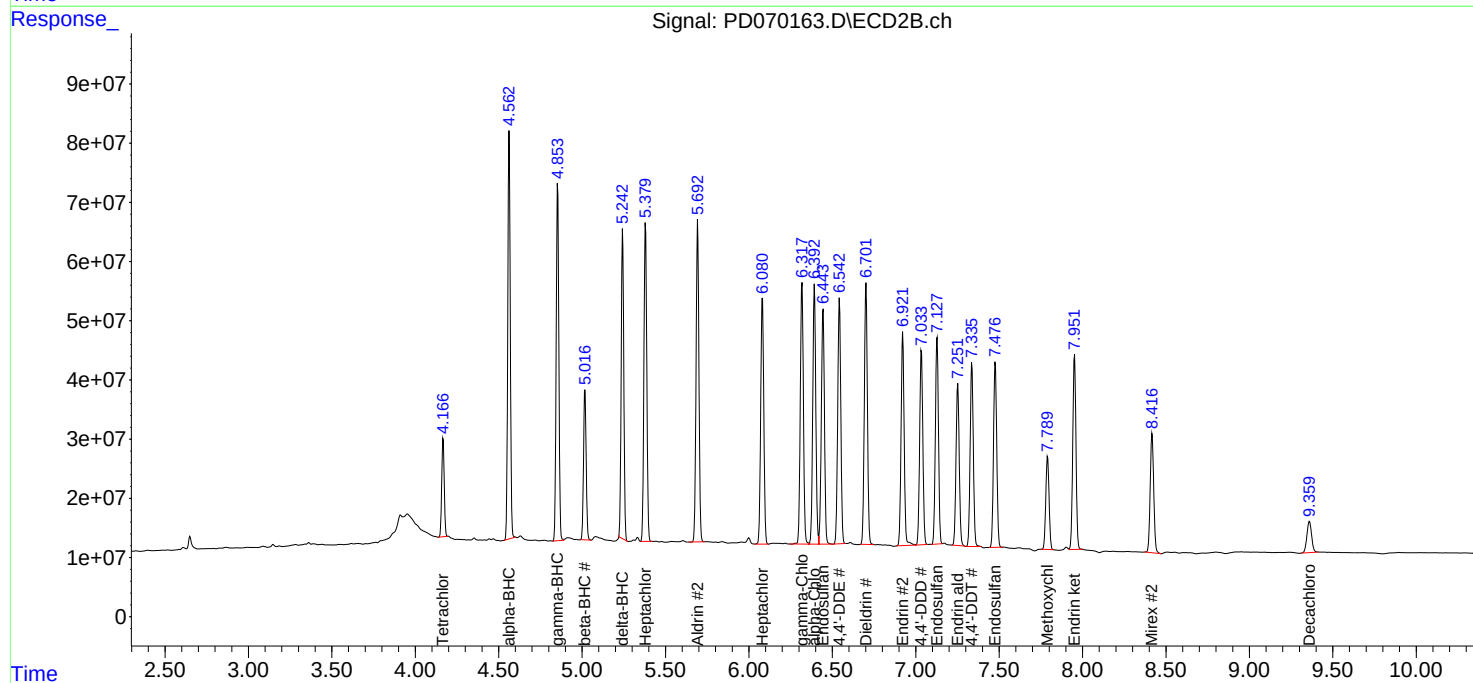
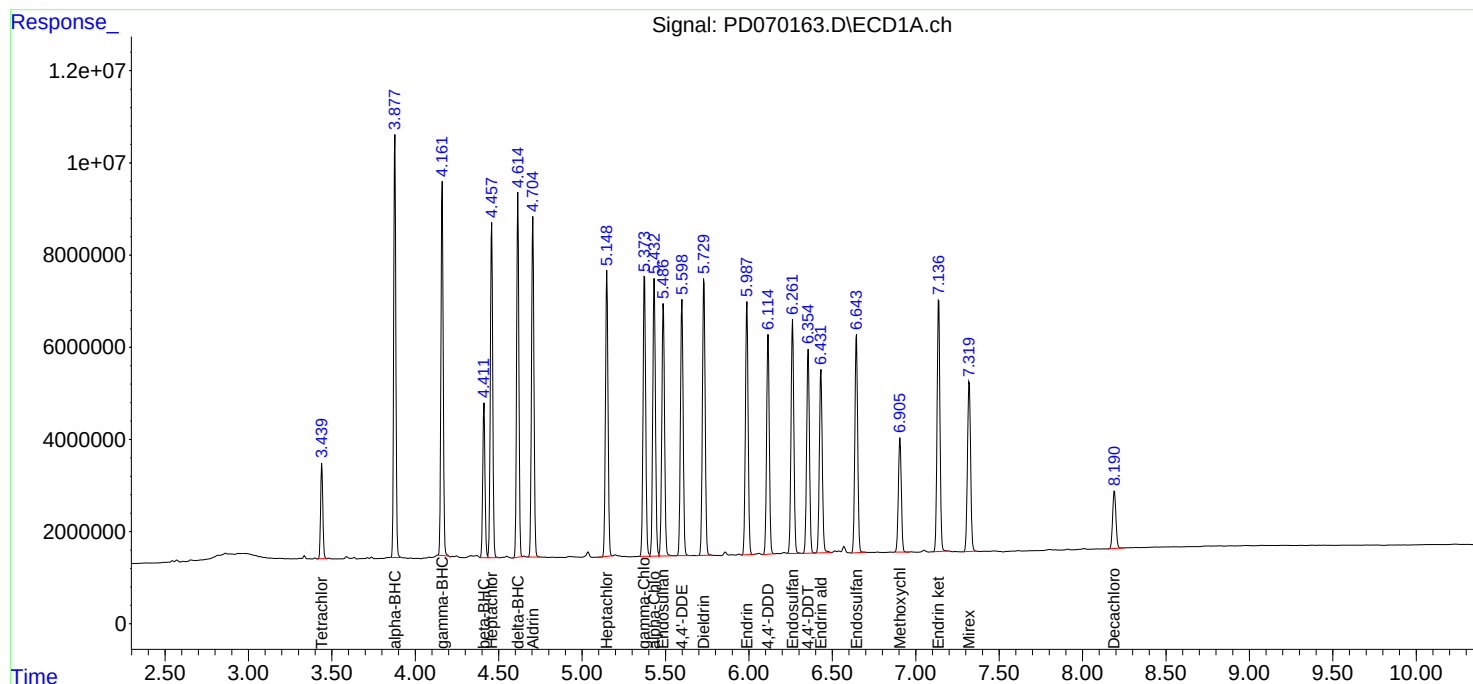
Instrument :
 ECD_D
 ClientSampleId :
 P038-SS001-1824-01MSD

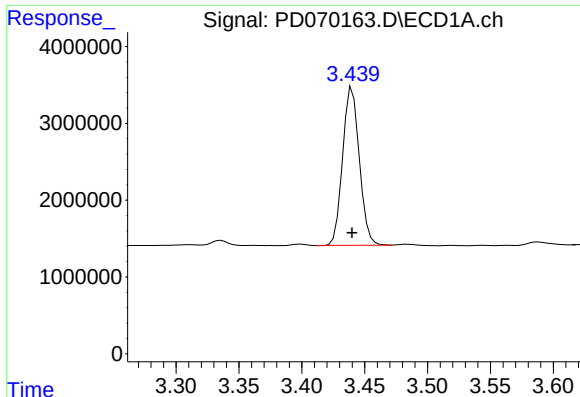
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 06/08/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 05:32:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 08 02:48:31 2022
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





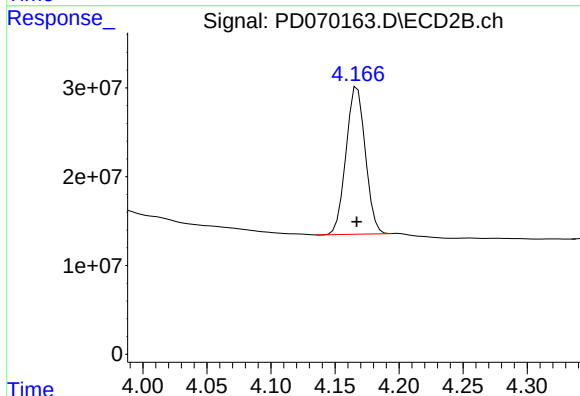
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 18979184
Conc: 17.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

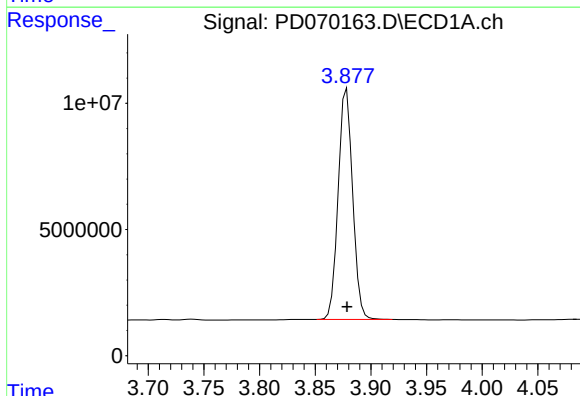
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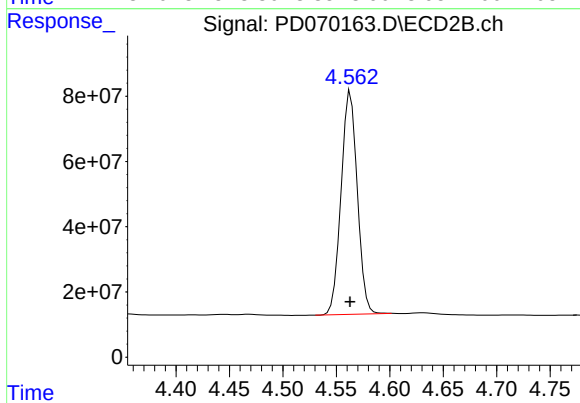
#1 Tetrachloro-m-xylene

R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 173404796
Conc: 17.76 ng/ml



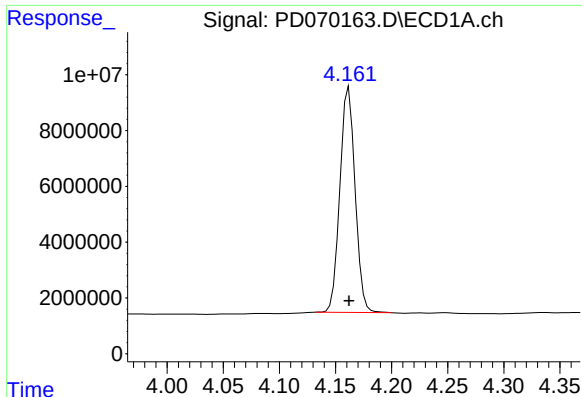
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: 0.000 min
Response: 82723468
Conc: 50.58 ng/ml



#2 alpha-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 723671872
Conc: 49.65 ng/ml



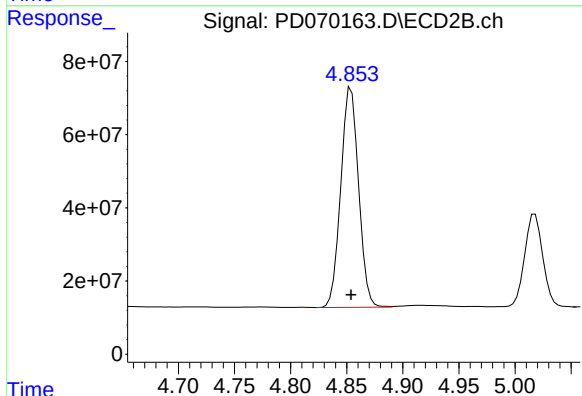
#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 76194749
Conc: 49.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

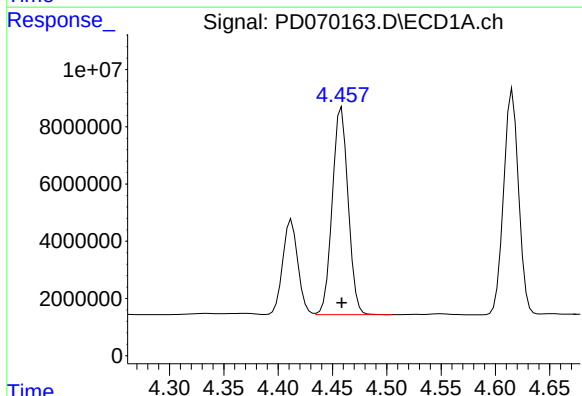
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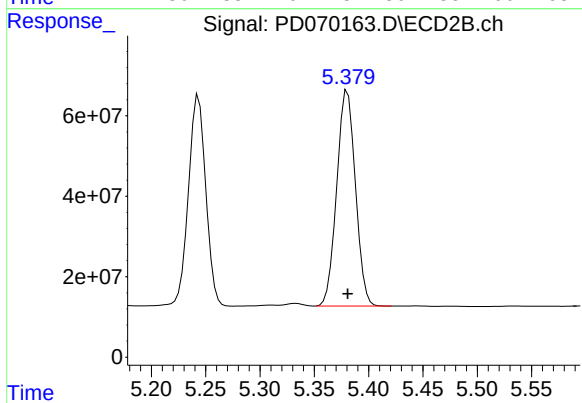
#3 gamma-BHC (Lindane)

R.T.: 4.854 min
Delta R.T.: 0.000 min
Response: 662932229
Conc: 49.13 ng/ml



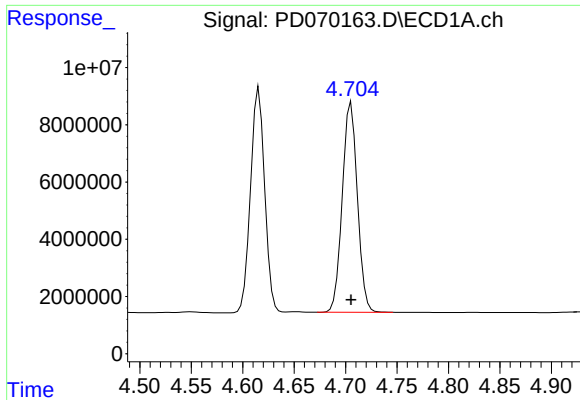
#4 Heptachlor

R.T.: 4.458 min
Delta R.T.: 0.000 min
Response: 73497434
Conc: 47.53 ng/ml



#4 Heptachlor

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 642748719
Conc: 49.10 ng/ml



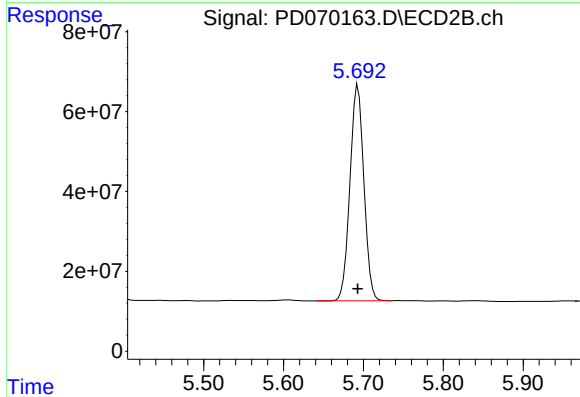
#5 Aldrin

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 75028776
Conc: 51.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

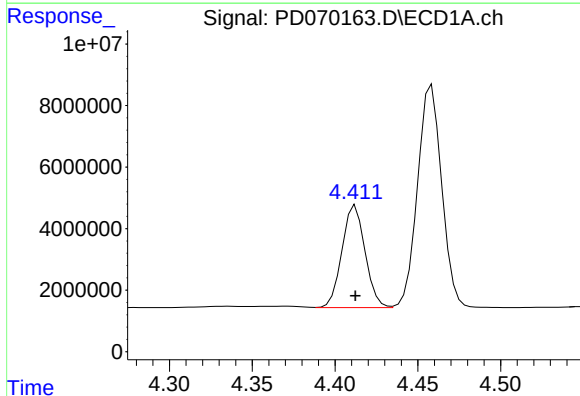
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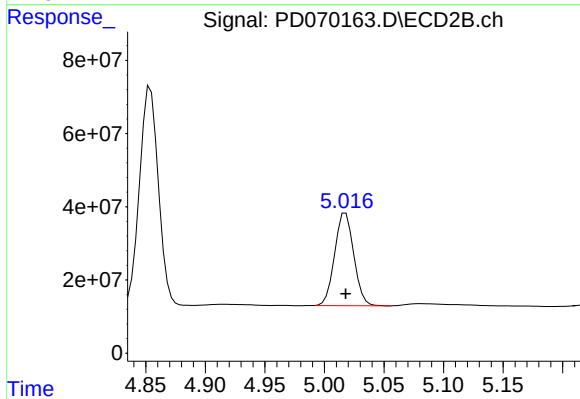
#5 Aldrin

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 655213442
Conc: 51.22 ng/ml



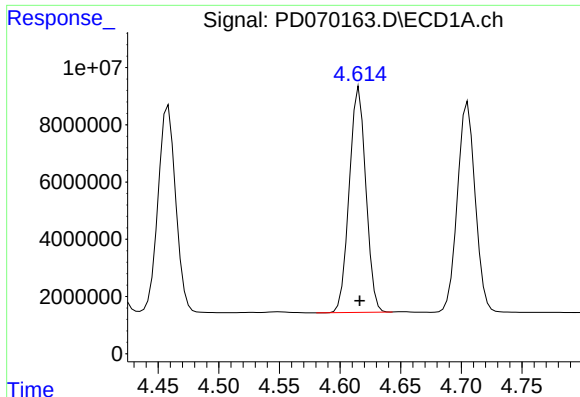
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: 0.000 min
Response: 32208772
Conc: 44.77 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 282480933
Conc: 46.40 ng/ml



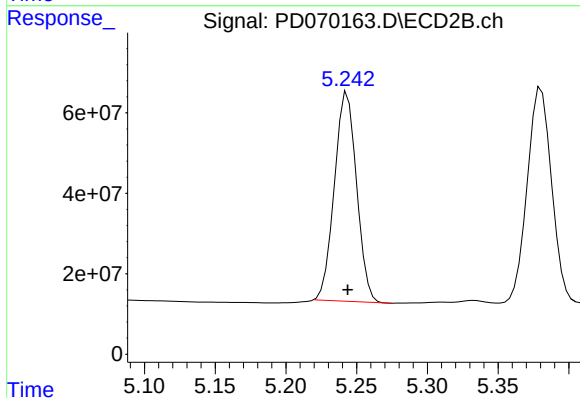
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 74926863
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

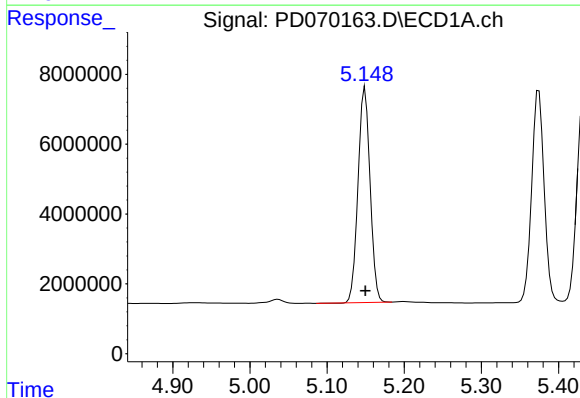
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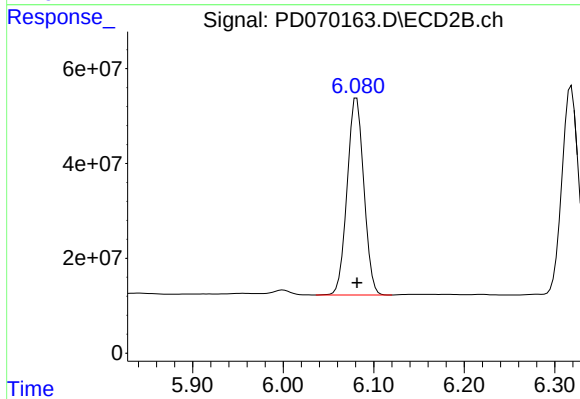
#7 delta-BHC

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 565907092
Conc: 62.34 ng/ml



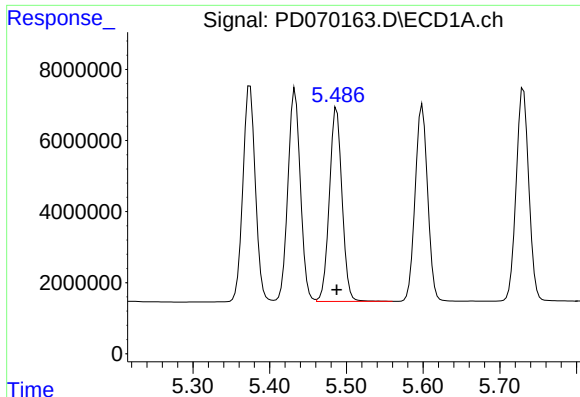
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 67009843
Conc: 48.87 ng/ml



#8 Heptachlor epoxide

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 532983577
Conc: 64.70 ng/ml



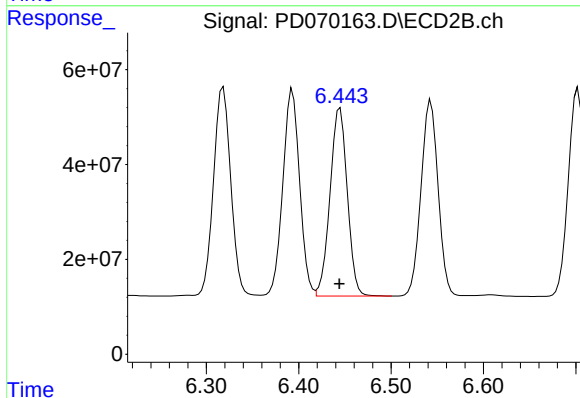
#9 Endosulfan I

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 62588170
Conc: 47.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

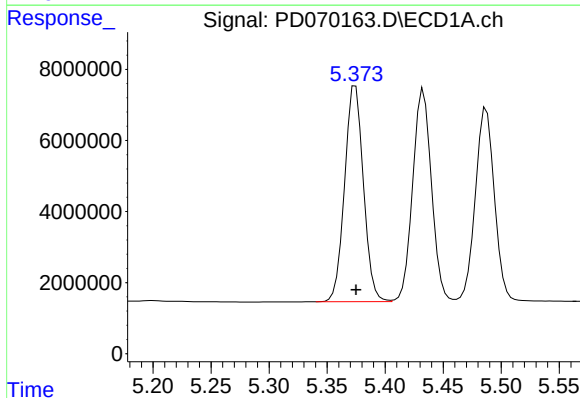
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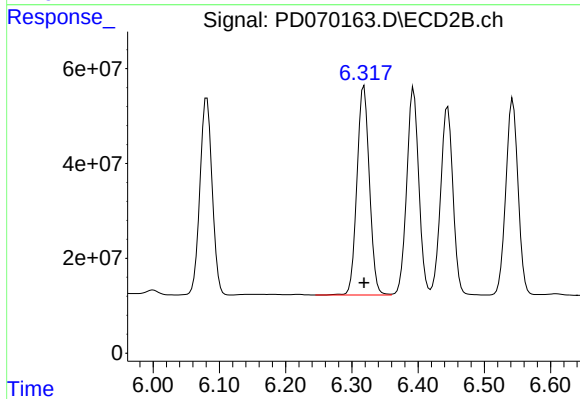
#9 Endosulfan I

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 515223809
Conc: 48.65 ng/ml



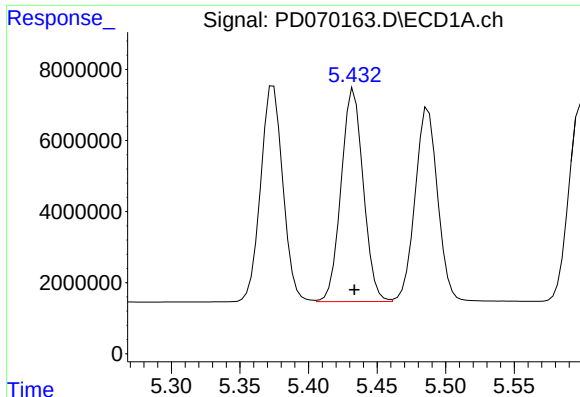
#10 gamma-Chlordane

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 68507748
Conc: 49.30 ng/ml



#10 gamma-Chlordane

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 574249401
Conc: 49.96 ng/ml



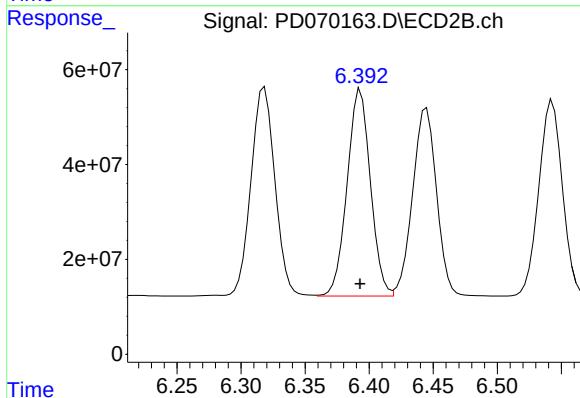
#11 alpha-Chlordane

R.T.: 5.433 min
Delta R.T.: 0.000 min
Response: 67402894
Conc: 48.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

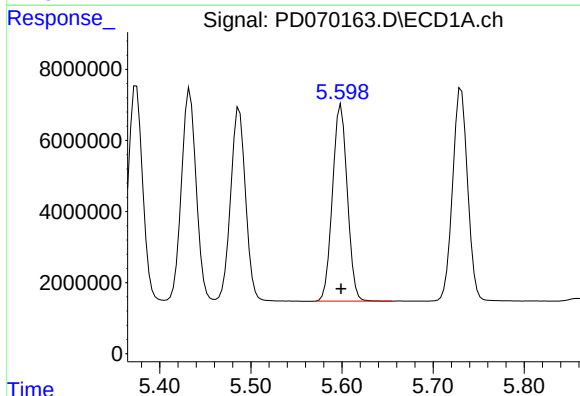
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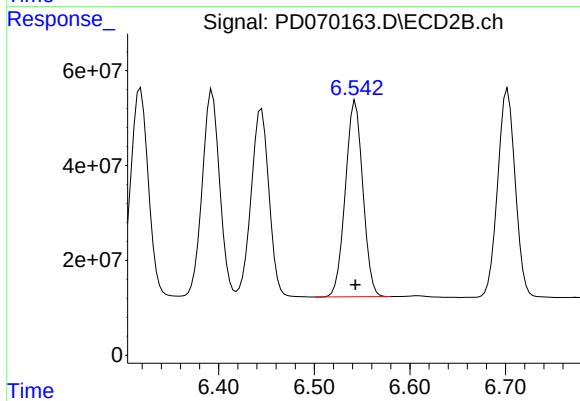
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 552474171
Conc: 48.87 ng/ml



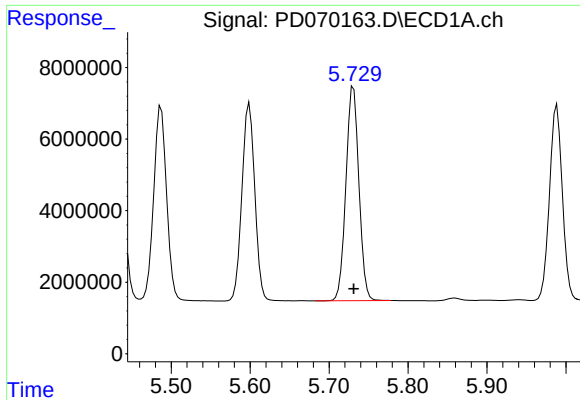
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 62392392
Conc: 49.89 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 528228570
Conc: 50.38 ng/ml



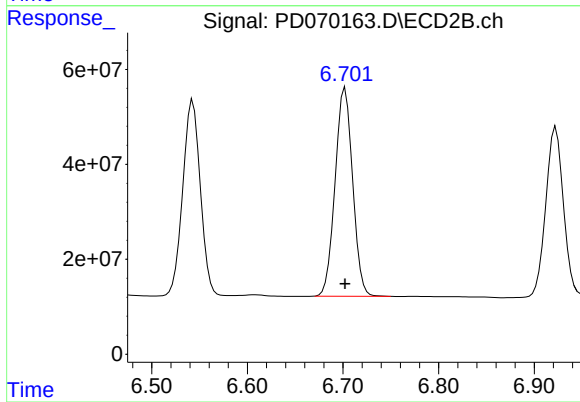
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 68554075
Conc: 50.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
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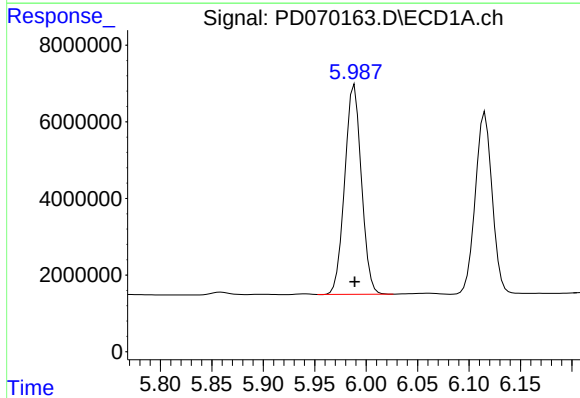
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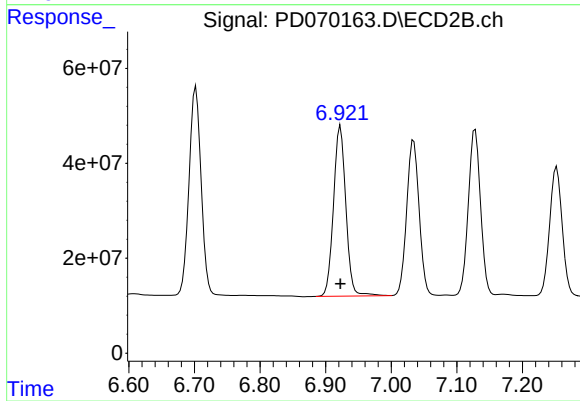
#13 Dieldrin

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 559530310
Conc: 51.19 ng/ml



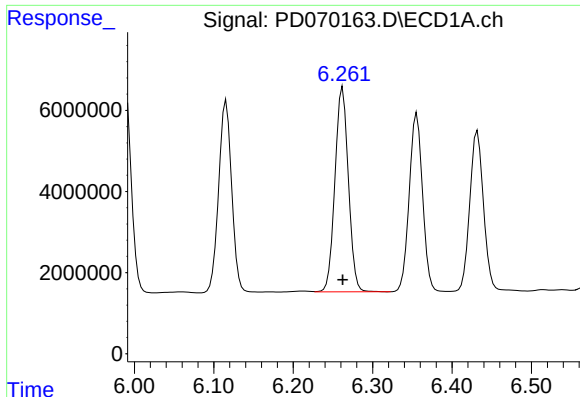
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 61784819
Conc: 51.30 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 470086588
Conc: 56.00 ng/ml



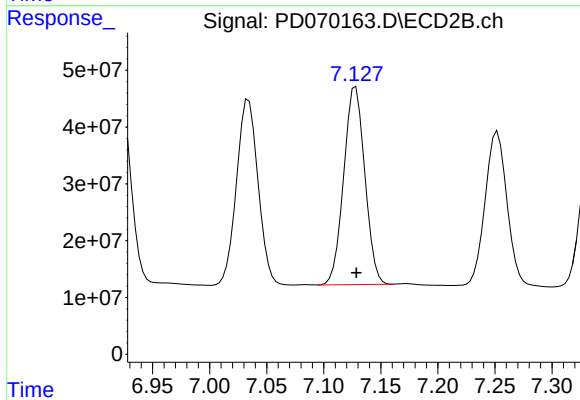
#15 Endosulfan II

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 59231888
Conc: 52.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

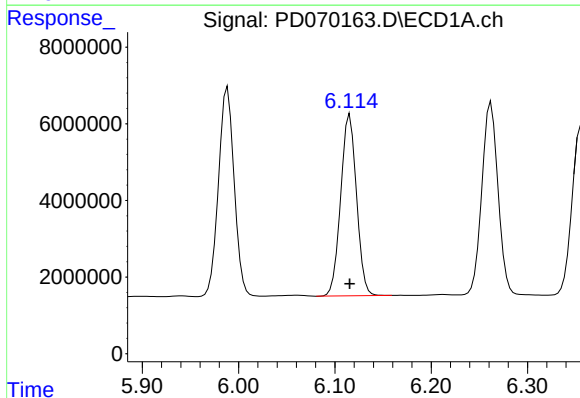
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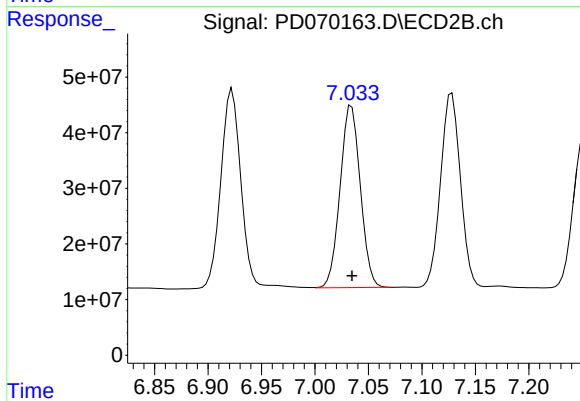
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 448314786
Conc: 53.03 ng/ml



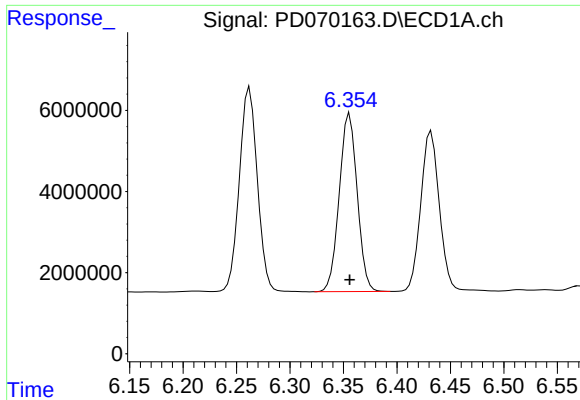
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 53891866
Conc: 49.62 ng/ml



#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 431186113
Conc: 51.27 ng/ml



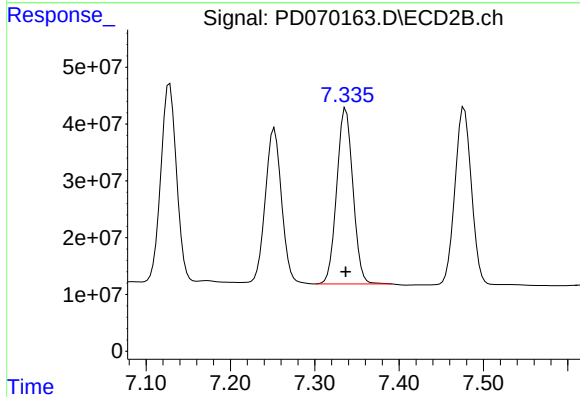
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 51371565
Conc: 48.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

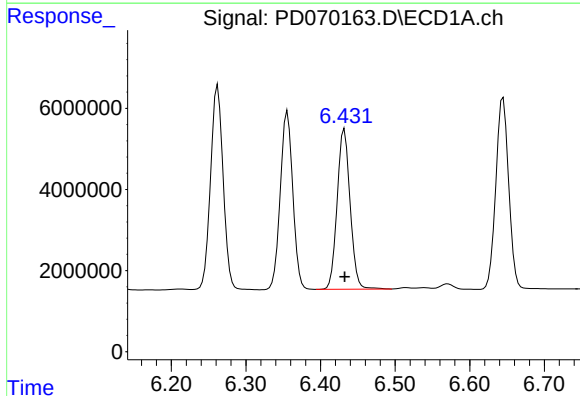
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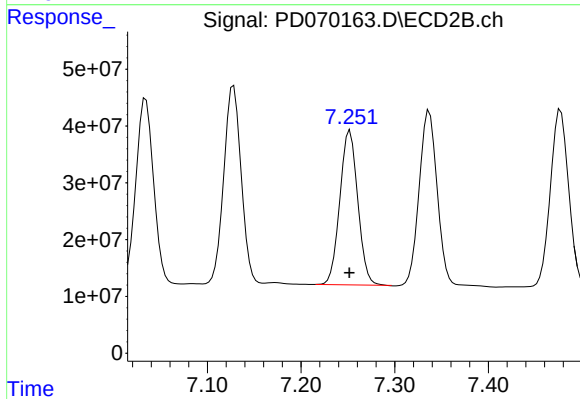
#17 4,4'-DDT

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 401593433
Conc: 46.79 ng/ml



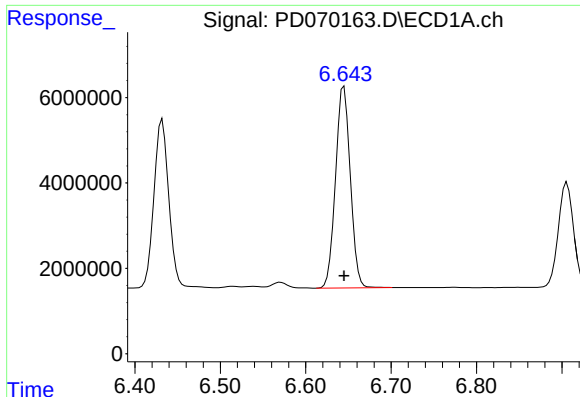
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 47855718
Conc: 51.71 ng/ml



#18 Endrin aldehyde

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 362465779
Conc: 52.82 ng/ml m



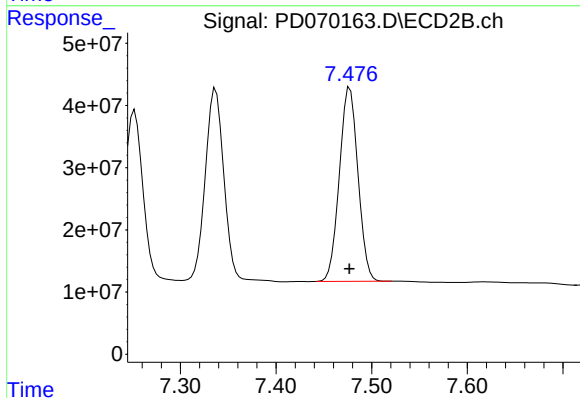
#19 Endosulfan Sulfate

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 56766617
Conc: 47.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

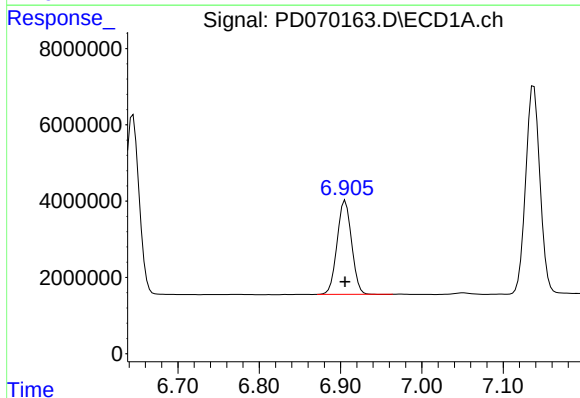
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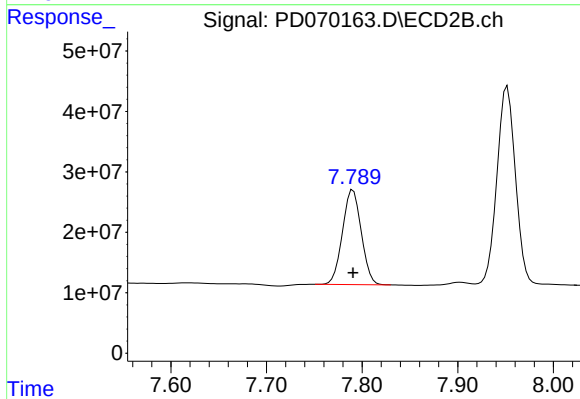
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 422510133
Conc: 50.72 ng/ml



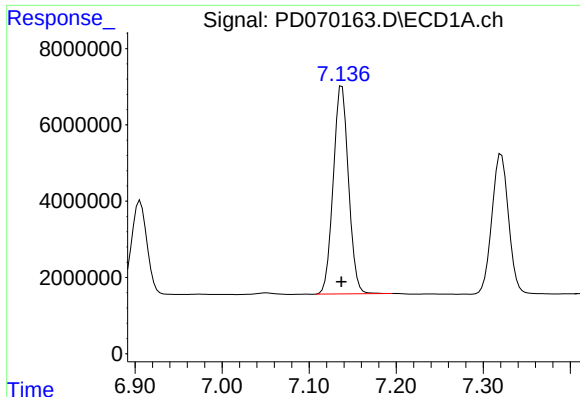
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 30509582
Conc: 49.49 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 214702138
Conc: 50.92 ng/ml



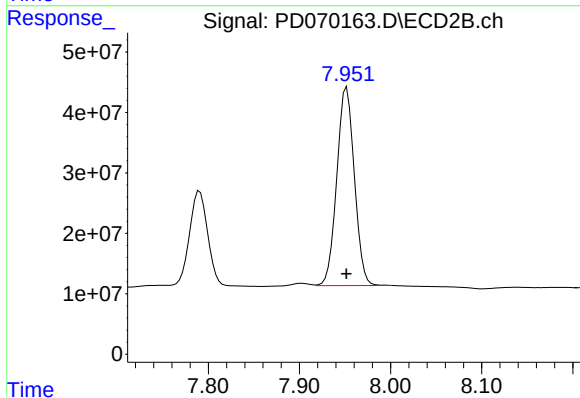
#21 Endrin ketone

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 66530148
Conc: 49.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

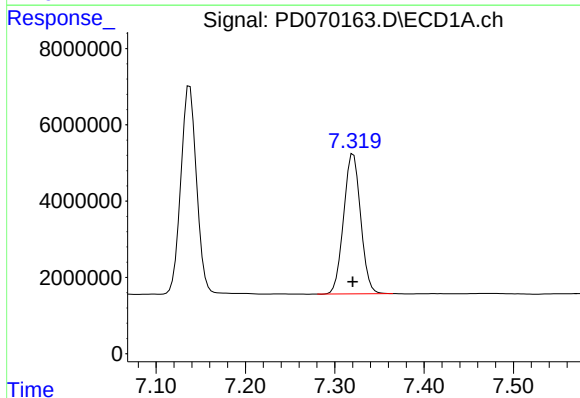
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/08/2022
Supervised By :Ankita Jodhani 06/08/2022



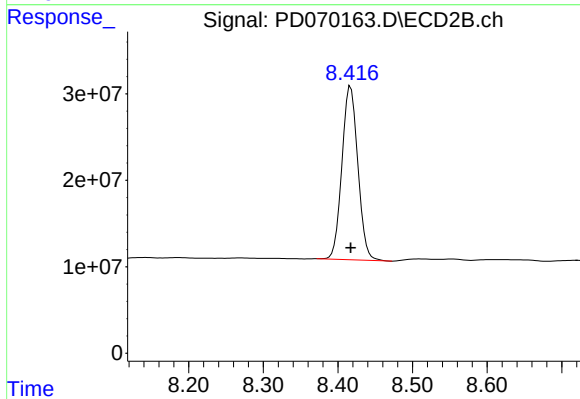
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 439725999
Conc: 50.68 ng/ml



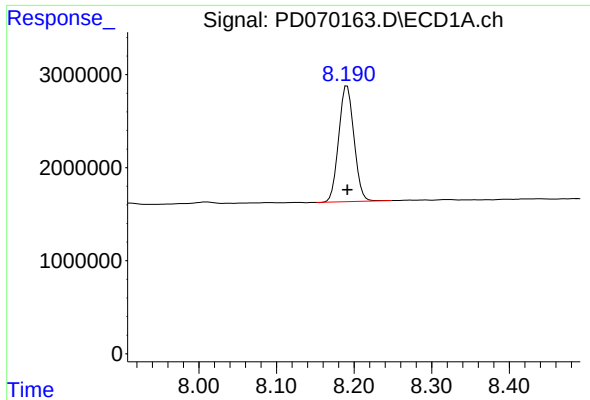
#22 Mirex

R.T.: 7.321 min
Delta R.T.: 0.000 min
Response: 48603850
Conc: 46.54 ng/ml



#22 Mirex

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 298079441
Conc: 48.52 ng/ml



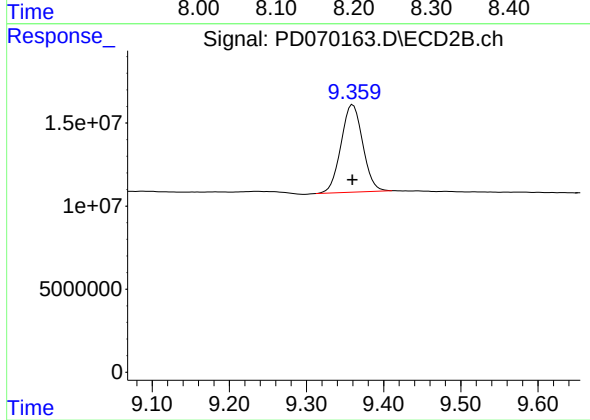
#28 Decachlorobiphenyl

R.T.: 8.191 min
Delta R.T.: 0.000 min
Response: 17027130
Conc: 15.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
P038-SS001-1824-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.360 min
Delta R.T.: 0.000 min
Response: 103360702
Conc: 16.81 ng/ml