

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070522\
 Data File : PD070724.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2022 20:14
 Operator : AR\AJ
 Sample : N3571-02MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 VB16128MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/06/2022
 Supervised By : Ankita Jodhani 07/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 23:52:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 05 15:26:13 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...	3.484	4.138	40311082	452.6E6	16.512	17.502m
28)	SA Decachlor...	8.263	9.326f	47792416	166.3E6	19.275	20.217m
Target Compounds							
2)	A alpha-BHC	3.928	4.544f	186.2E6	1937.8E6	53.022	52.731
3)	MA gamma-BHC...	4.213	4.837f	172.5E6	1722.5E6	50.699	53.016
4)	MA Heptachlor	4.514	5.352f	177.7E6	1678.9E6	52.687	54.196
5)	MB Aldrin	4.763	5.664f	172.8E6	1495.6E6	52.346	53.048
6)	B beta-BHC	4.462	5.011	70634673	746.2E6	48.403	54.143m
7)	B delta-BHC	4.668	5.235f	170.7E6	1598.2E6	52.175	55.870m
8)	B Heptachlo...	5.209	6.059f	159.2E6	1286.5E6	52.845	56.536
9)	A Endosulfan I	5.550	6.423f	147.9E6	1119.8E6	52.819	54.684
10)	B gamma-Chl...	5.437	6.295f	163.8E6	1259.2E6	52.820	55.215
11)	B alpha-Chl...	5.495	6.368f	161.5E6	1198.6E6	53.087	54.413
12)	B 4,4'-DDE	5.661	6.522f	155.6E6	1102.4E6	53.505	53.911
13)	MA Dieldrin	5.794	6.683	161.1E6	1127.7E6	53.537	55.639m
14)	MA Endrin	6.053	6.907f	146.4E6	899.3E6	54.463	58.418
15)	B Endosulfa...	6.326	7.120f	133.8E6	827.0E6	56.353	56.329
16)	A 4,4'-DDD	6.179	7.021	131.7E6	816.5E6	53.985	57.695m
17)	MA 4,4'-DDT	6.421	7.323f	139.2E6	852.7E6	55.772	55.965
18)	B Endrin al...	6.497	7.246f	99596201	633.0E6	53.574	55.282
19)	B Endosulfa...	6.710	7.469	129.7E6	759.3E6	53.386	55.327m
20)	A Methoxychlor	6.973	7.783f	75980064	375.3E6	53.158	54.717
21)	B Endrin ke...	7.204	7.951f	147.4E6	711.2E6	55.409	55.423m
22)	Mirex	7.392	8.405f	115.6E6	439.2E6	52.825	54.995

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070522\
Data File : PD070724.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jul 2022 20:14
Operator : AR\AJ
Sample : N3571-02MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

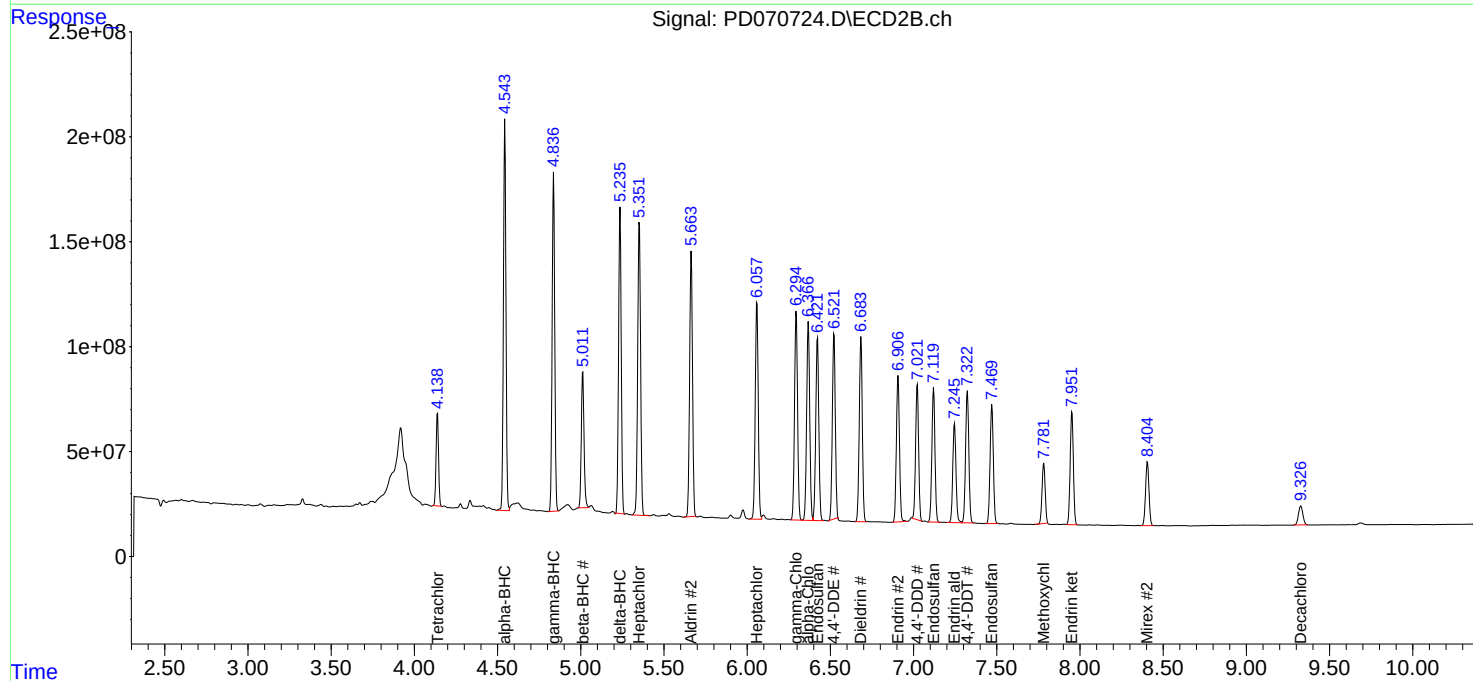
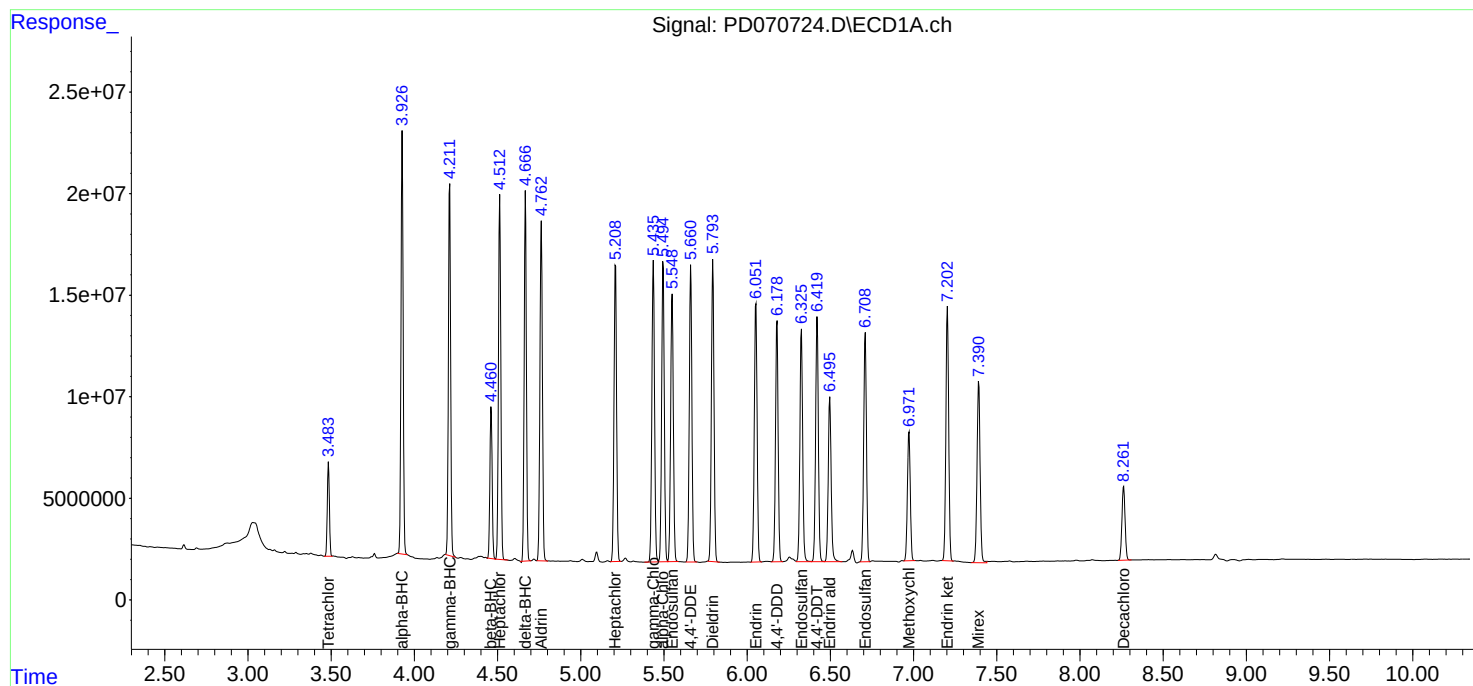
Instrument :
ECD_D
ClientSampleId :
VB16128MS

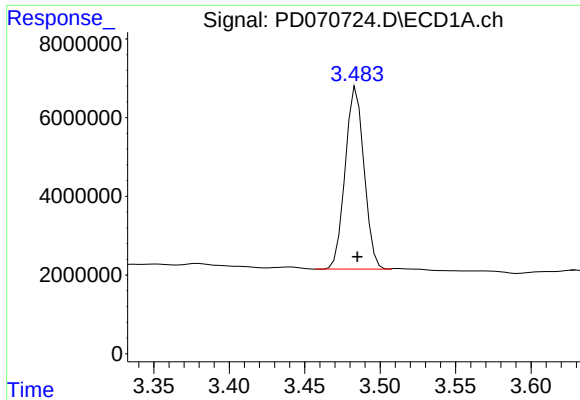
Manual Integrations
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Supervised By : Ankita Jodhani 07/06/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 05 23:52:40 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070522.M
Quant Title : GC Extractables
QLast Update : Tue Jul 05 15:26:13 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





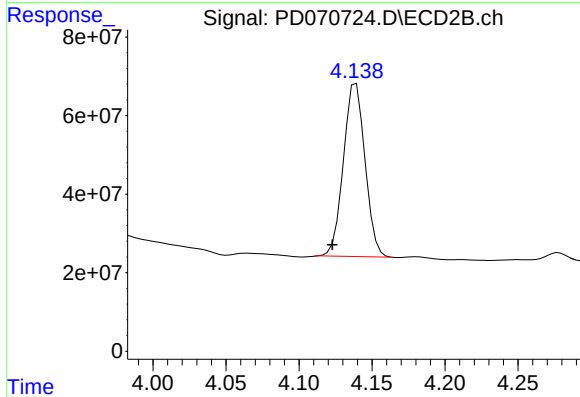
#1 Tetrachloro-m-xylene

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 40311082
Conc: 16.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

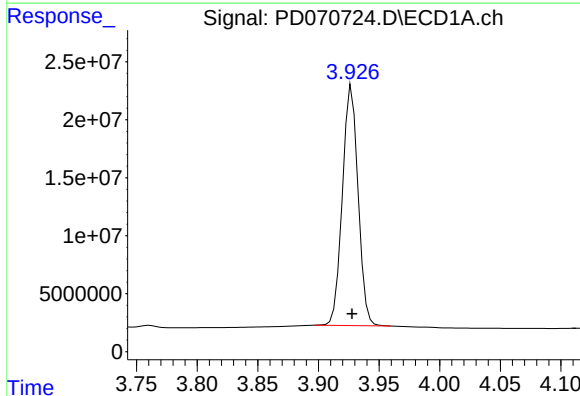
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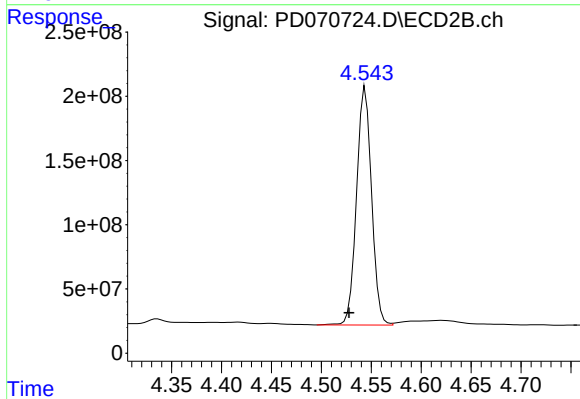
#1 Tetrachloro-m-xylene

R.T.: 4.138 min
Delta R.T.: 0.015 min
Response: 452618834
Conc: 17.50 ng/ml m



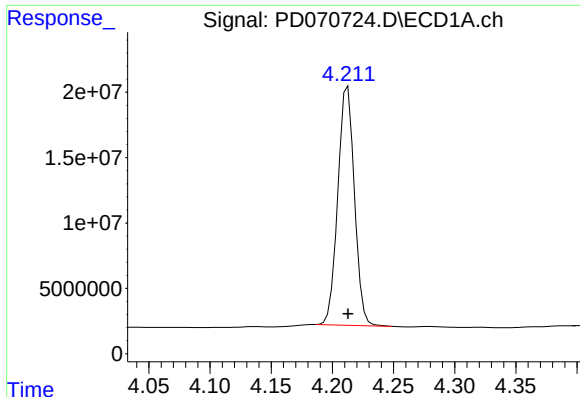
#2 alpha-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 186188155
Conc: 53.02 ng/ml



#2 alpha-BHC

R.T.: 4.544 min
Delta R.T.: 0.016 min
Response: 1937823921
Conc: 52.73 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 172515642
Conc: 50.70 ng/ml

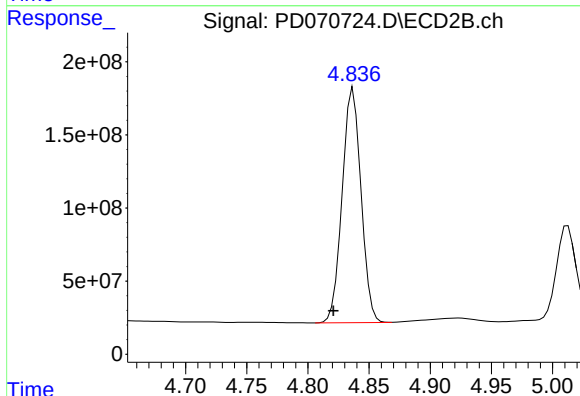
Instrument :

ECD_D

ClientSampleId :
VB16128MS

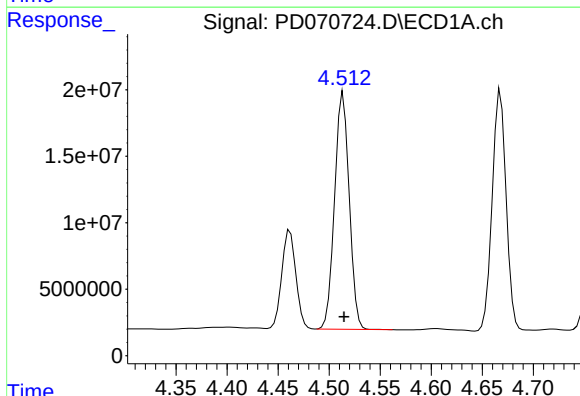
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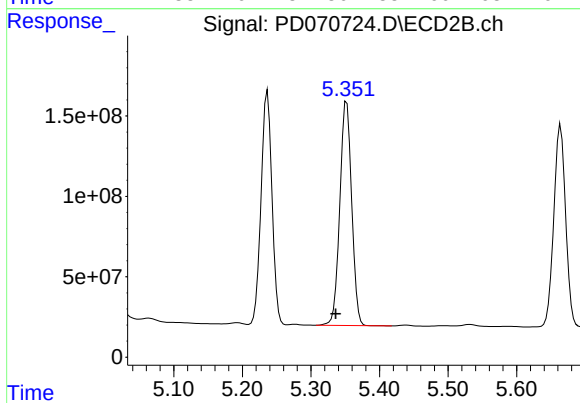
#3 gamma-BHC (Lindane)

R.T.: 4.837 min
Delta R.T.: 0.016 min
Response: 1722494881
Conc: 53.02 ng/ml



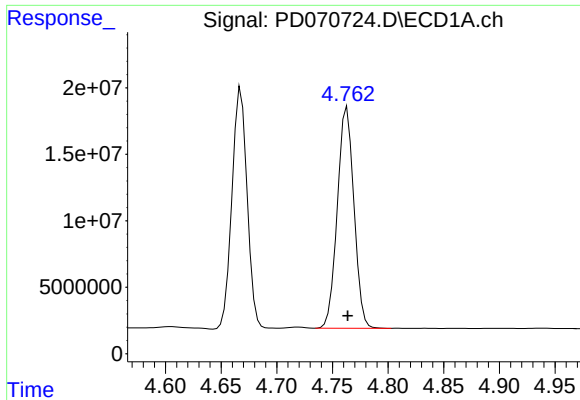
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 177691133
Conc: 52.69 ng/ml



#4 Heptachlor

R.T.: 5.352 min
Delta R.T.: 0.016 min
Response: 1678906993
Conc: 54.20 ng/ml



#5 Aldrin

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 172794815
Conc: 52.35 ng/ml

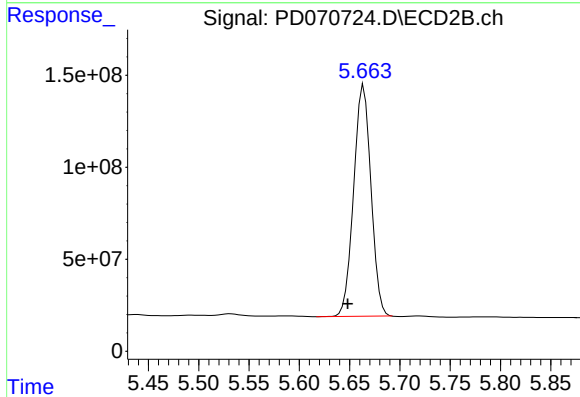
Instrument :

ECD_D

ClientSampleId :
VB16128MS

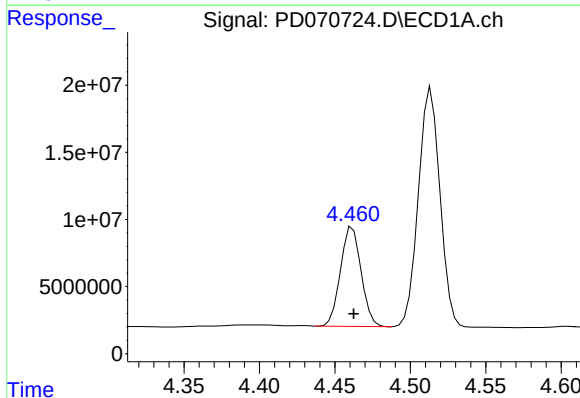
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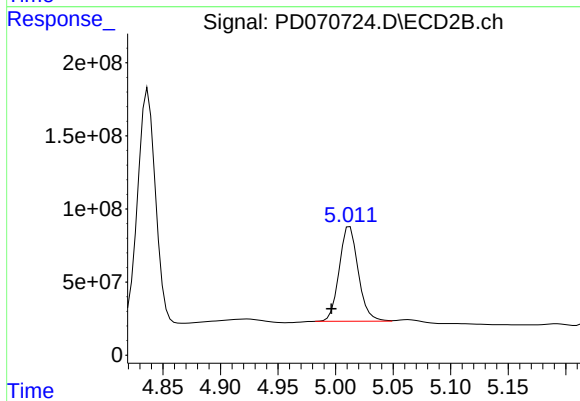
#5 Aldrin

R.T.: 5.664 min
Delta R.T.: 0.016 min
Response: 1495594991
Conc: 53.05 ng/ml



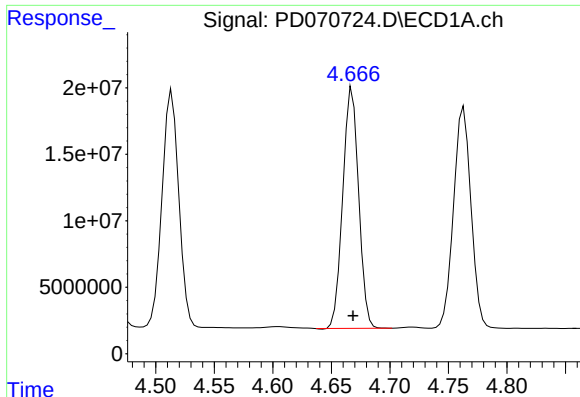
#6 beta-BHC

R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 70634673
Conc: 48.40 ng/ml



#6 beta-BHC

R.T.: 5.011 min
Delta R.T.: 0.015 min
Response: 746203104
Conc: 54.14 ng/ml m



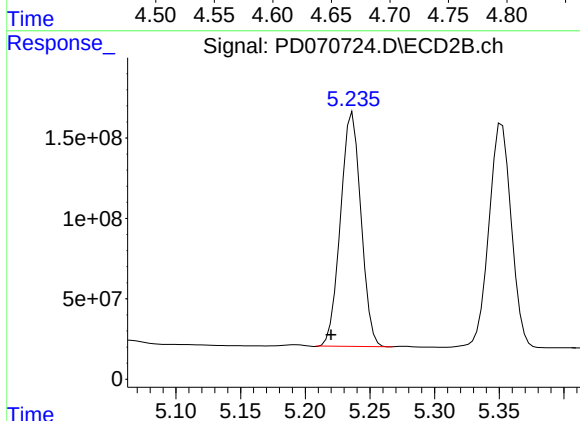
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.000 min
Response: 170691677
Conc: 52.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

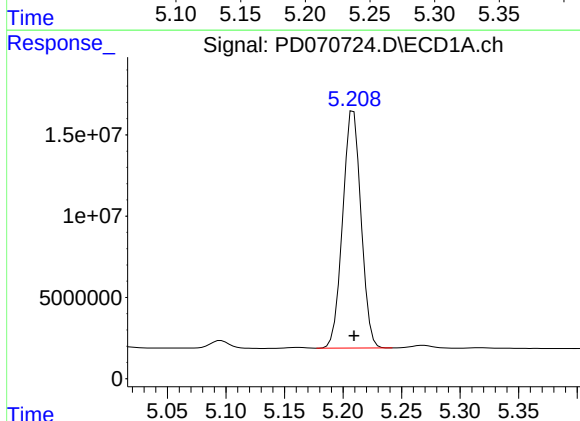
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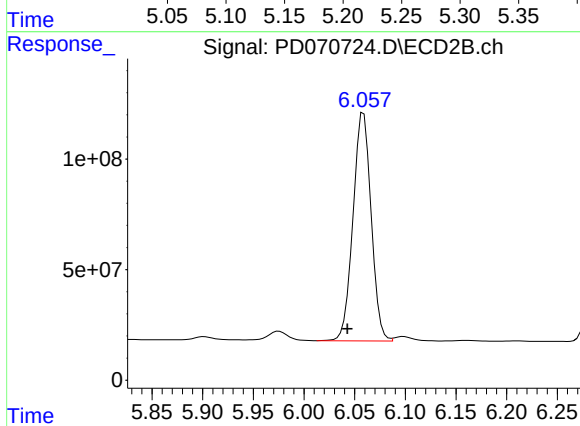
#7 delta-BHC

R.T.: 5.235 min
Delta R.T.: 0.015 min
Response: 1598174573
Conc: 55.87 ng/ml m



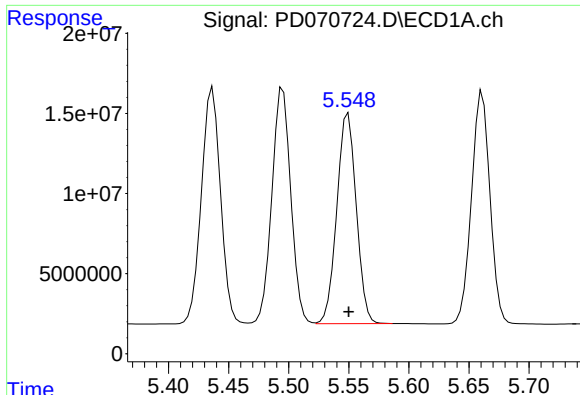
#8 Heptachlor epoxide

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 159221573
Conc: 52.84 ng/ml



#8 Heptachlor epoxide

R.T.: 6.059 min
Delta R.T.: 0.016 min
Response: 1286529586
Conc: 56.54 ng/ml



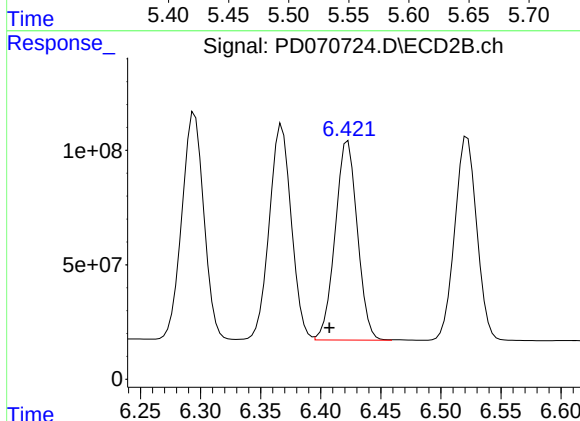
#9 Endosulfan I

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 147884528
Conc: 52.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

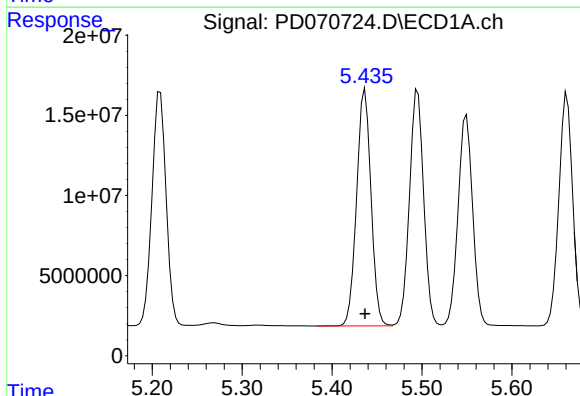
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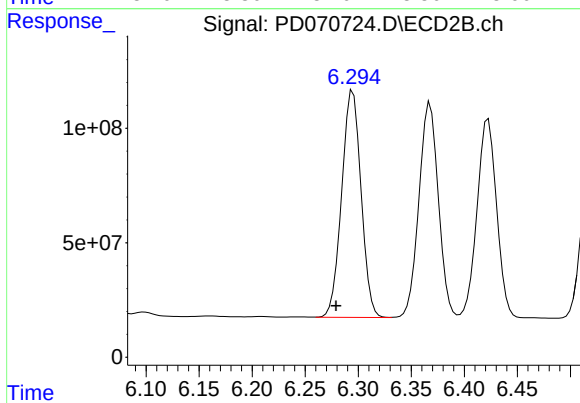
#9 Endosulfan I

R.T.: 6.423 min
Delta R.T.: 0.016 min
Response: 1119837582
Conc: 54.68 ng/ml



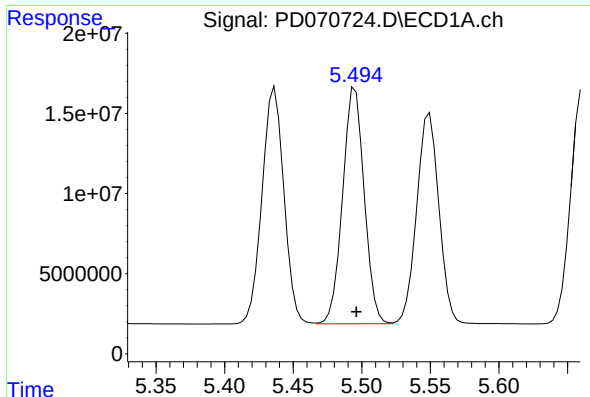
#10 gamma-Chlordane

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 163832919
Conc: 52.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.295 min
Delta R.T.: 0.016 min
Response: 1259163776
Conc: 55.22 ng/ml



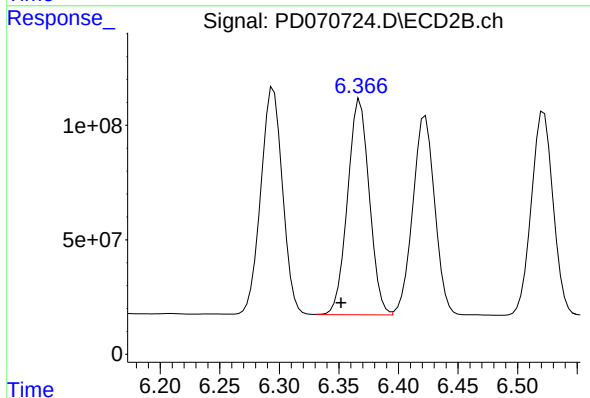
#11 alpha-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 161462781
Conc: 53.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

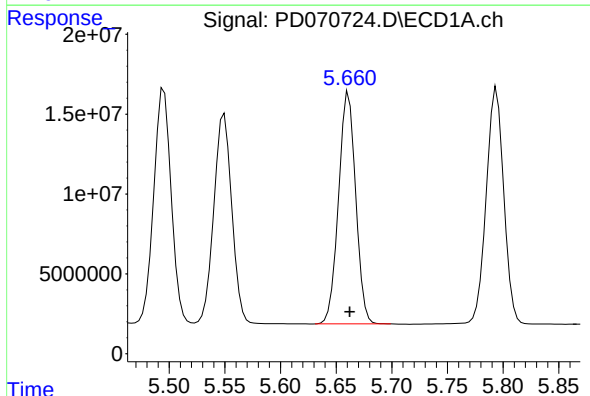
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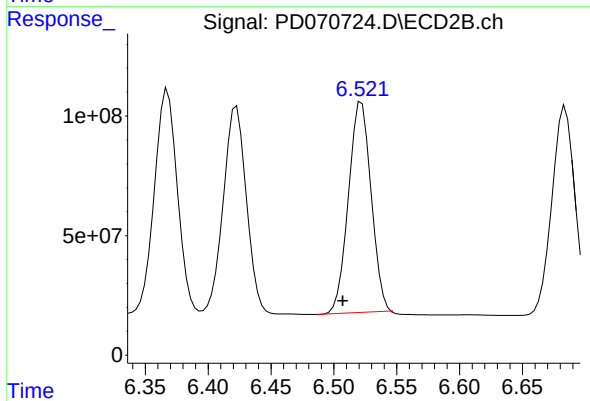
#11 alpha-Chlordane

R.T.: 6.368 min
Delta R.T.: 0.016 min
Response: 1198629624
Conc: 54.41 ng/ml



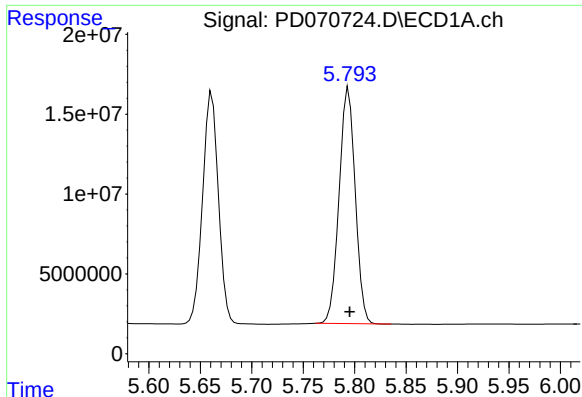
#12 4,4'-DDE

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 155554609
Conc: 53.50 ng/ml



#12 4,4'-DDE

R.T.: 6.522 min
Delta R.T.: 0.015 min
Response: 1102442658
Conc: 53.91 ng/ml



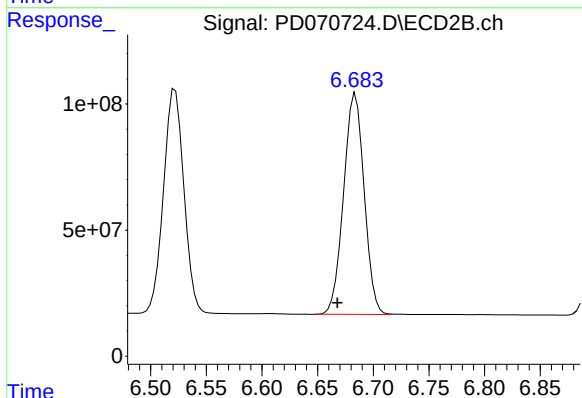
#13 Dieldrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 161076604
Conc: 53.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

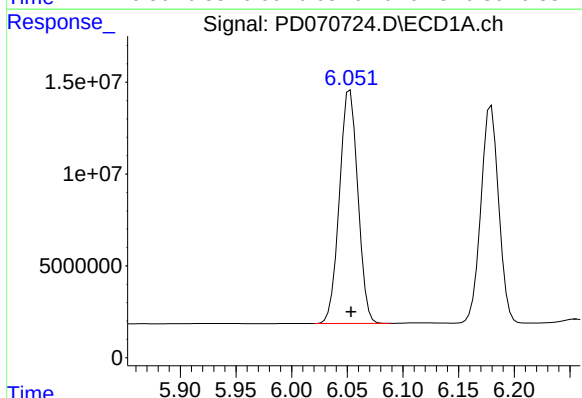
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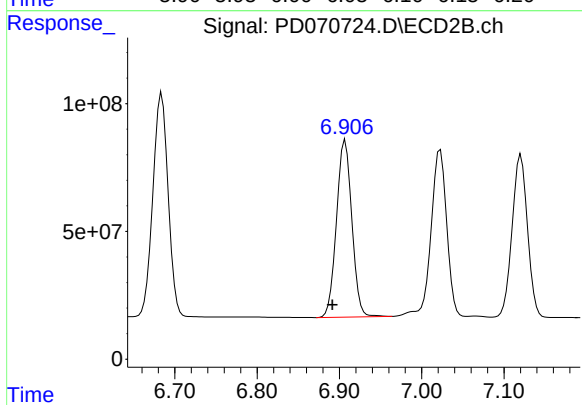
#13 Dieldrin

R.T.: 6.683 min
Delta R.T.: 0.015 min
Response: 1127709441
Conc: 55.64 ng/ml m



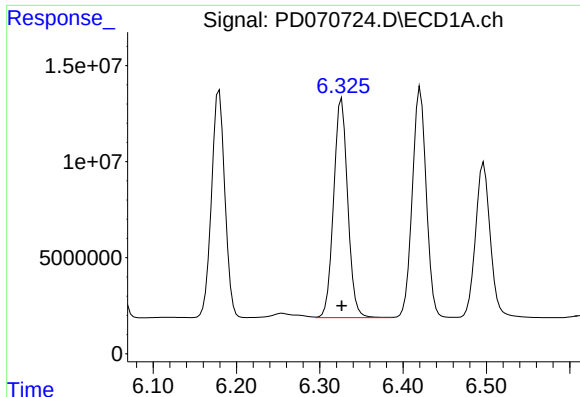
#14 Endrin

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 146417951
Conc: 54.46 ng/ml



#14 Endrin

R.T.: 6.907 min
Delta R.T.: 0.016 min
Response: 899253691
Conc: 58.42 ng/ml



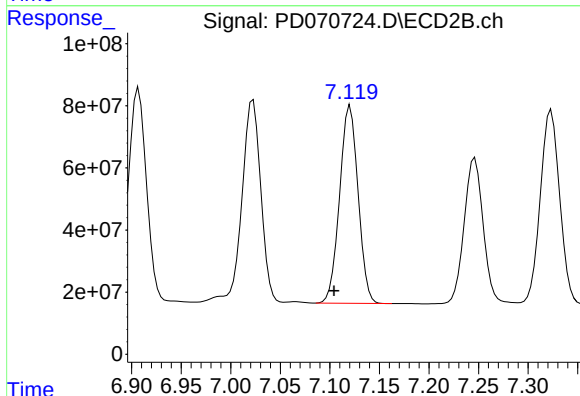
#15 Endosulfan II

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 133794077
Conc: 56.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

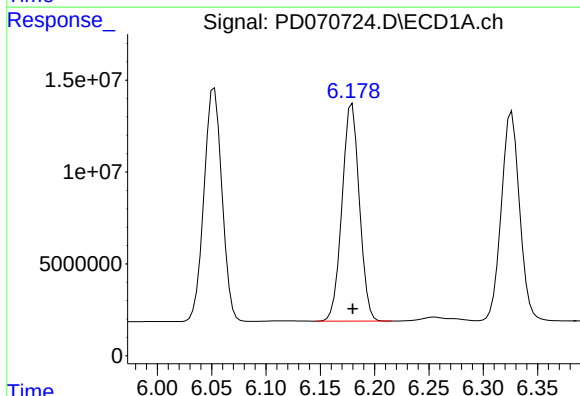
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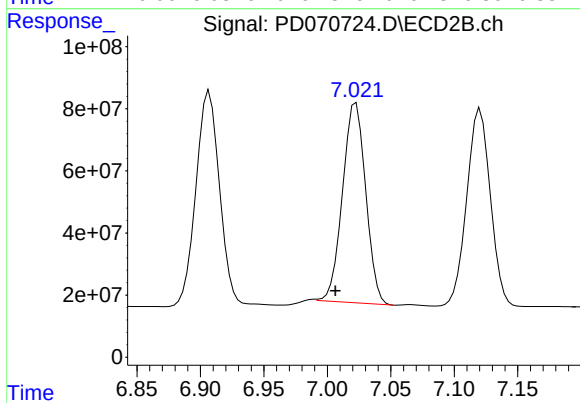
#15 Endosulfan II

R.T.: 7.120 min
Delta R.T.: 0.016 min
Response: 826962000
Conc: 56.33 ng/ml



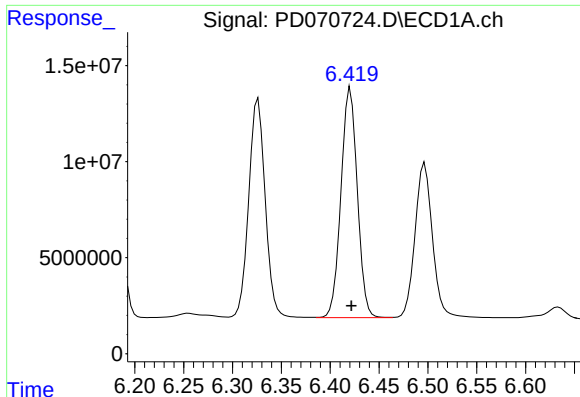
#16 4,4'-DDD

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 131733659
Conc: 53.98 ng/ml



#16 4,4'-DDD

R.T.: 7.021 min
Delta R.T.: 0.015 min
Response: 816523935
Conc: 57.70 ng/ml m



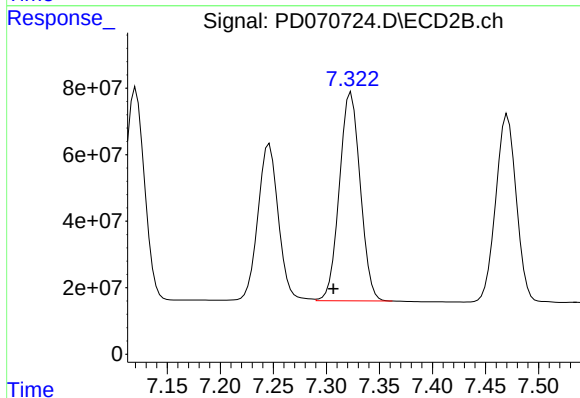
#17 4,4'-DDT

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 139249621
Conc: 55.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

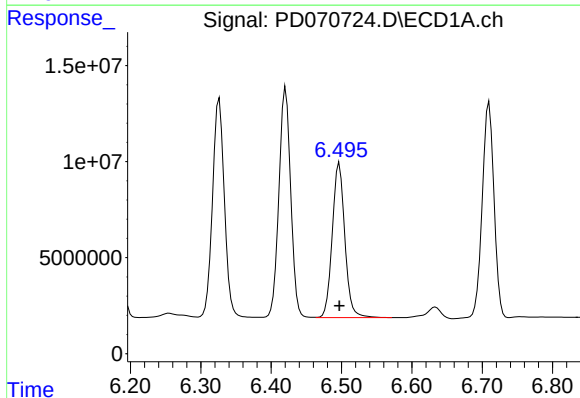
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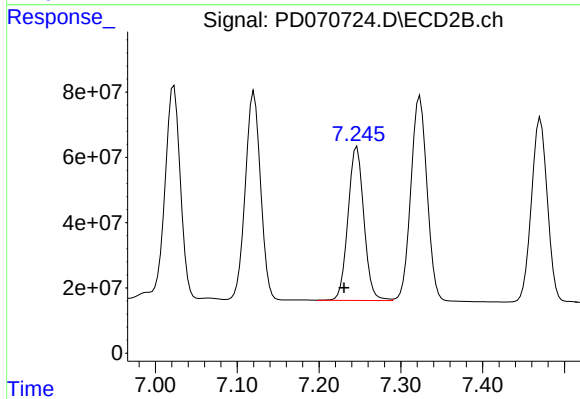
#17 4,4'-DDT

R.T.: 7.323 min
Delta R.T.: 0.016 min
Response: 852727086
Conc: 55.96 ng/ml



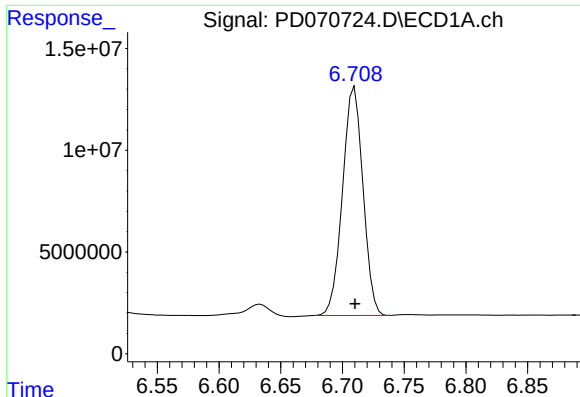
#18 Endrin aldehyde

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 99596201
Conc: 53.57 ng/ml



#18 Endrin aldehyde

R.T.: 7.246 min
Delta R.T.: 0.016 min
Response: 633002785
Conc: 55.28 ng/ml



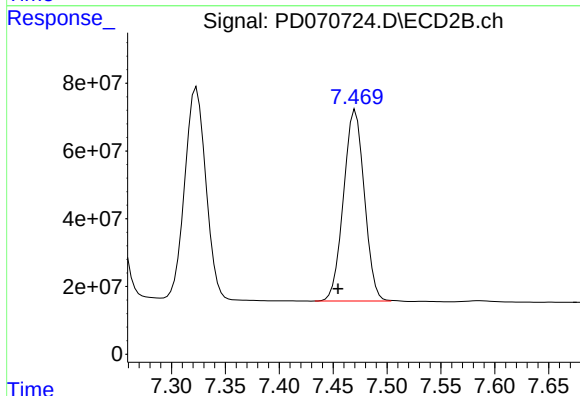
#19 Endosulfan Sulfate

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 129668797
Conc: 53.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

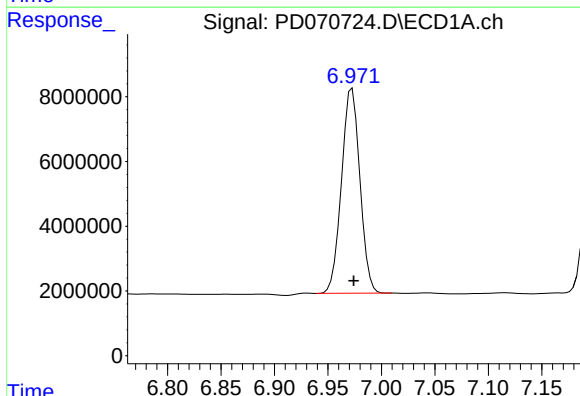
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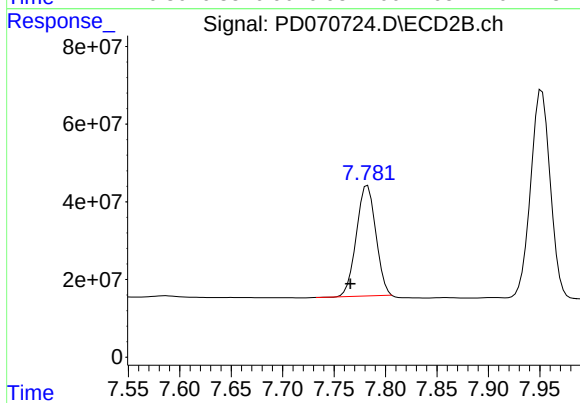
#19 Endosulfan Sulfate

R.T.: 7.469 min
Delta R.T.: 0.015 min
Response: 759253369
Conc: 55.33 ng/ml m



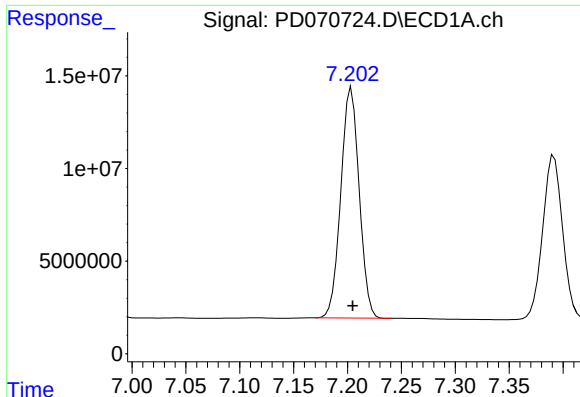
#20 Methoxychlor

R.T.: 6.973 min
Delta R.T.: -0.001 min
Response: 75980064
Conc: 53.16 ng/ml



#20 Methoxychlor

R.T.: 7.783 min
Delta R.T.: 0.017 min
Response: 375254691
Conc: 54.72 ng/ml



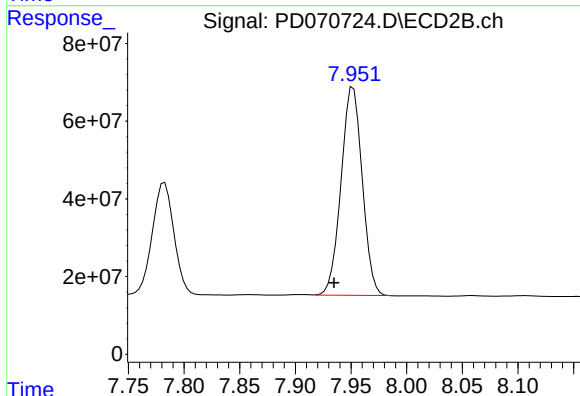
#21 Endrin ketone

R.T.: 7.204 min
Delta R.T.: -0.001 min
Response: 147401314
Conc: 55.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

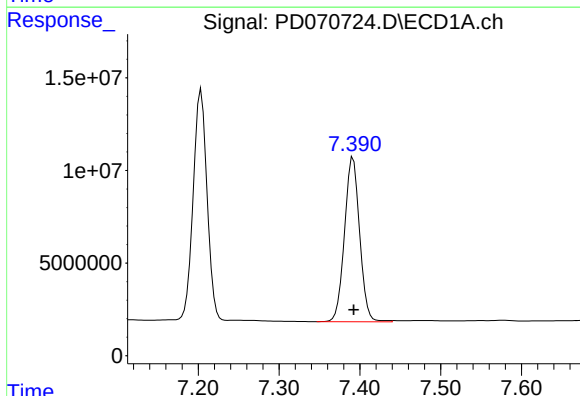
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/06/2022
Supervised By :Ankita Jodhani 07/06/2022



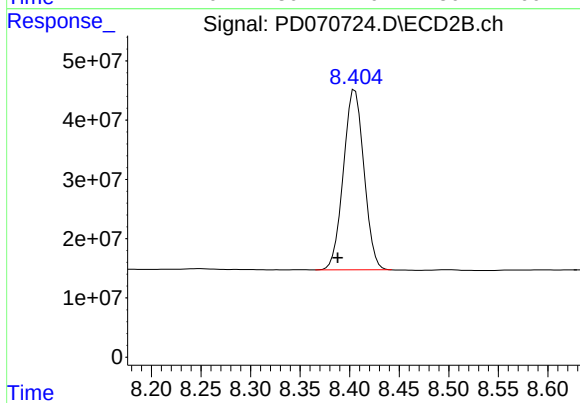
#21 Endrin ketone

R.T.: 7.951 min
Delta R.T.: 0.016 min
Response: 711216938
Conc: 55.42 ng/ml m



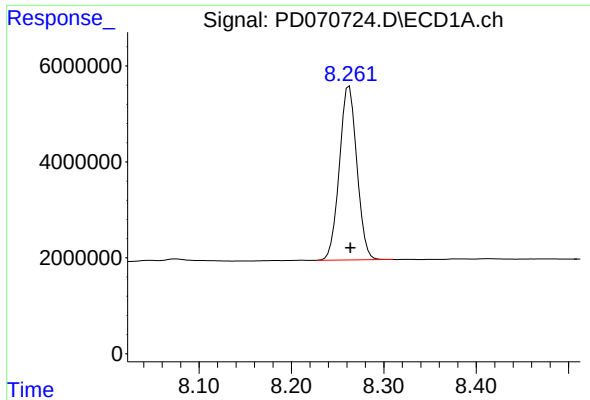
#22 Mirex

R.T.: 7.392 min
Delta R.T.: -0.001 min
Response: 115624755
Conc: 52.83 ng/ml



#22 Mirex

R.T.: 8.405 min
Delta R.T.: 0.017 min
Response: 439187523
Conc: 54.99 ng/ml



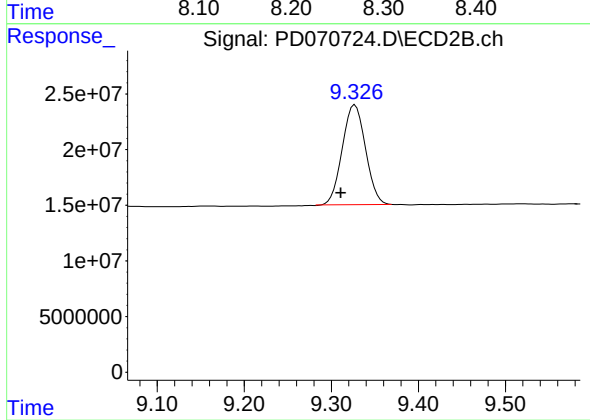
#28 Decachlorobiphenyl

R.T.: 8.263 min
Delta R.T.: -0.001 min
Response: 47792416
Conc: 19.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
VB16128MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.326 min
Delta R.T.: 0.015 min
Response: 166326391
Conc: 20.22 ng/ml m