

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060622\
 Data File : PD070153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2022 00:33
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:34:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 06:00:04 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...	3.441	4.168	53819896	458.3E6	49.574	46.955
28)	SA Decachlor...	8.190	9.361	54002927	303.6E6	48.559	49.367
Target Compounds							
2)	A alpha-BHC	3.879	4.564	82738854	697.2E6	50.586	47.839
3)	MA gamma-BHC...	4.162	4.855	76831614	639.1E6	49.896	47.363
4)	MA Heptachlor	4.459	5.381	75566529	632.1E6	48.867	48.291
5)	MB Aldrin	4.706	5.694	73634521	620.2E6	50.068	48.487
6)	B beta-BHC	4.413	5.019	34391250	286.7E6	47.804	47.099
7)	B delta-BHC	4.616	5.244	77812465	583.1E6	50.264	64.239 #
8)	B Heptachlo...	5.149	6.082	68169588	574.8E6	49.713	69.772 #
9)	A Endosulfan I	5.488	6.444	64057176	517.9E6	48.937	48.901
10)	B gamma-Chl...	5.375	6.317	68878005	555.1E6	49.570	48.300m
11)	B alpha-Chl...	5.434	6.393	68012876	552.4E6	49.119	48.863
12)	B 4,4'-DDE	5.599	6.543	63929458	505.9E6	51.118	48.255
13)	MA Dieldrin	5.731	6.702	67214119	531.2E6	49.907	48.595
14)	MA Endrin	5.989	6.923	58228650	380.2E6	48.351	45.291
15)	B Endosulfa...	6.262	7.128	56061337	410.6E6	49.655	48.568
16)	A 4,4'-DDD	6.115	7.034	55295291	420.3E6	50.913	49.975
17)	MA 4,4'-DDT	6.356	7.338	52276899	399.3E6	49.276	46.525
18)	B Endrin al...	6.432	7.251	45697459	330.3E6	49.379	48.133m
19)	B Endosulfa...	6.645	7.477	58755466	410.9E6	49.644	49.333
20)	A Methoxychlor	6.906	7.791	30388997	204.0E6	49.291	48.377
21)	B Endrin ke...	7.137	7.952	67948034	435.1E6	50.479	50.139
22)	Mirex	7.320	8.418	51463055	298.7E6	49.277	48.632

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

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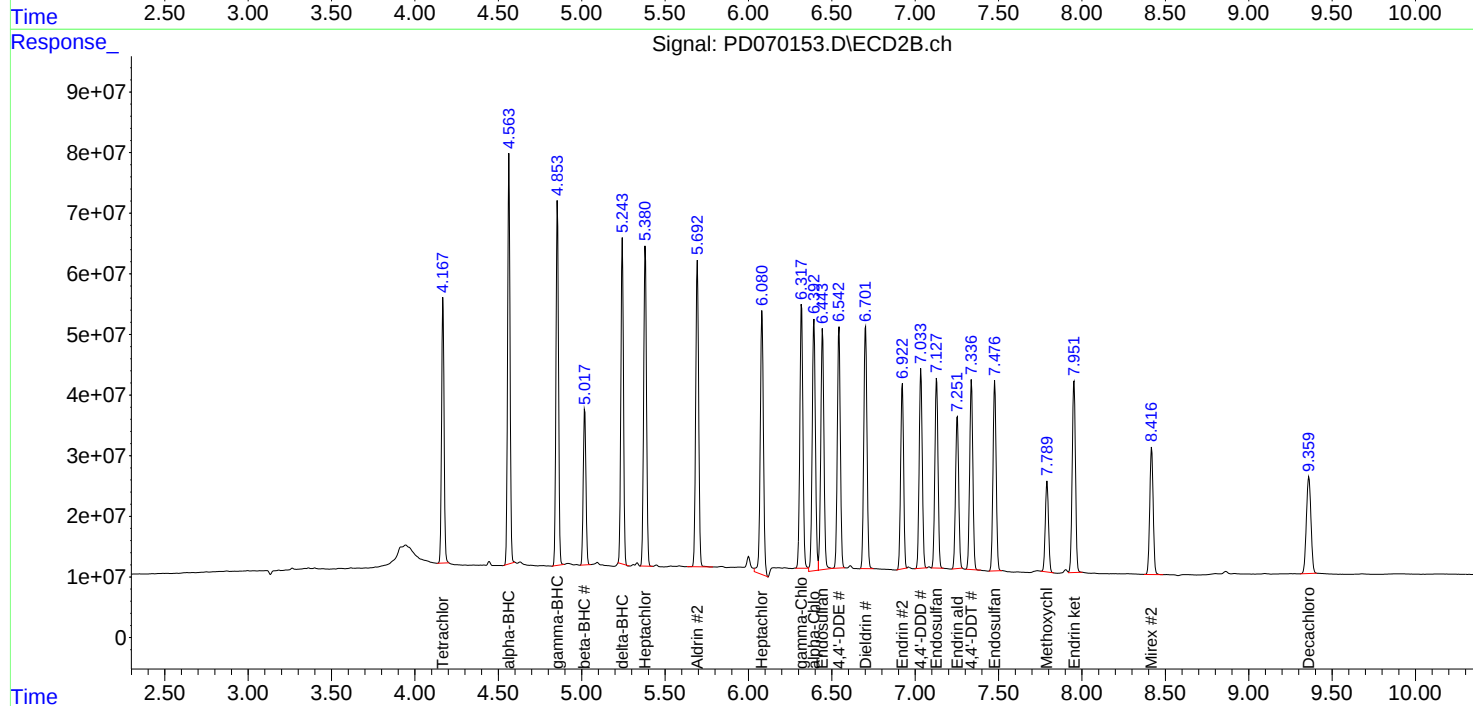
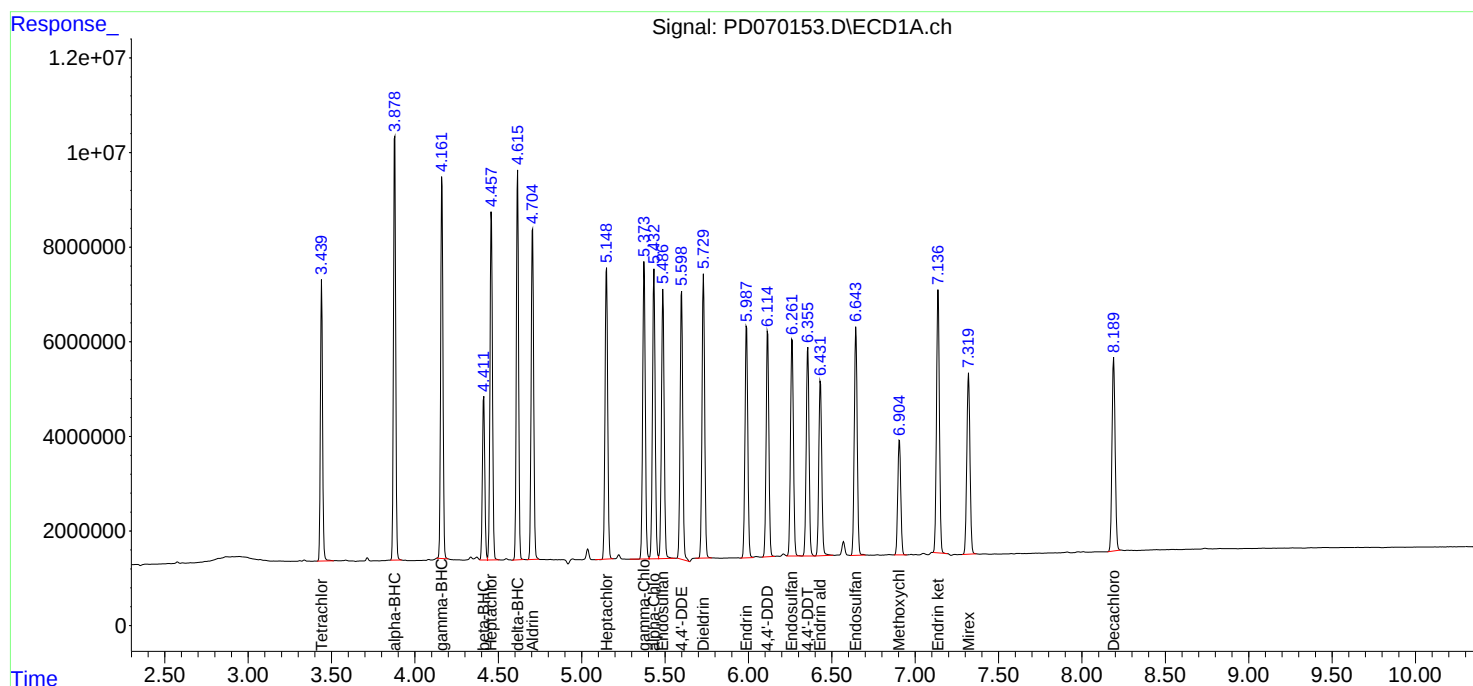
Manual Integrations

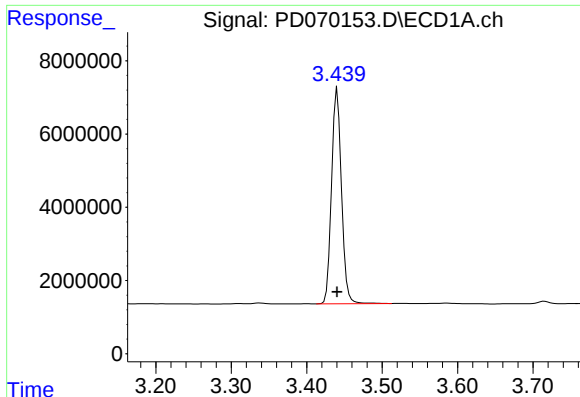
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 06:34:19 2022
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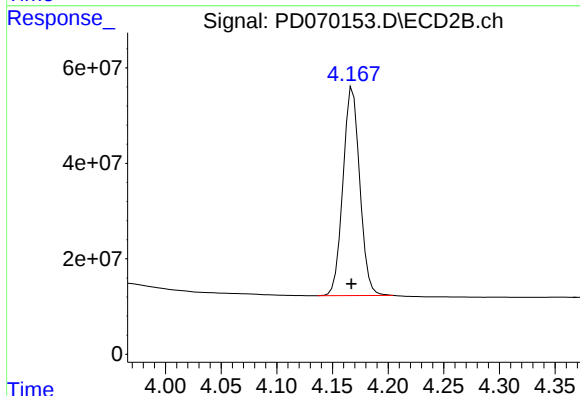
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 53819896
Conc: 49.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

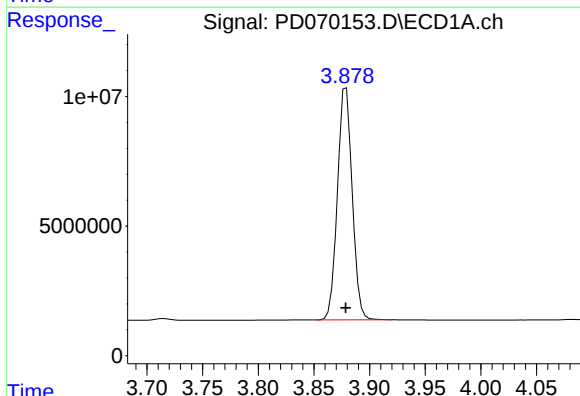
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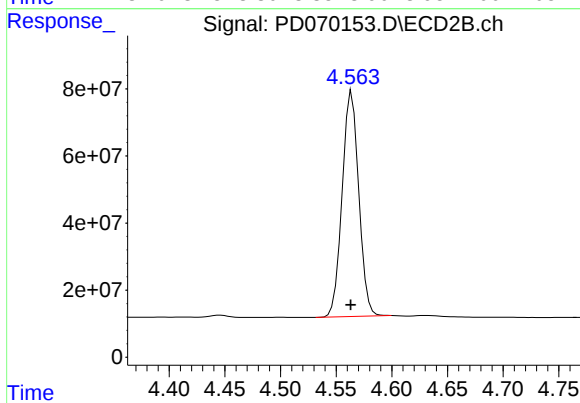
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.001 min
Response: 458346291
Conc: 46.96 ng/ml



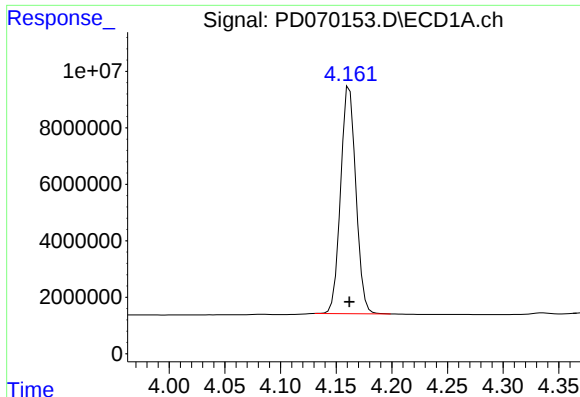
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: 0.000 min
Response: 82738854
Conc: 50.59 ng/ml



#2 alpha-BHC

R.T.: 4.564 min
Delta R.T.: 0.001 min
Response: 697212716
Conc: 47.84 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 76831614
Conc: 49.90 ng/ml

Instrument :

ECD_D

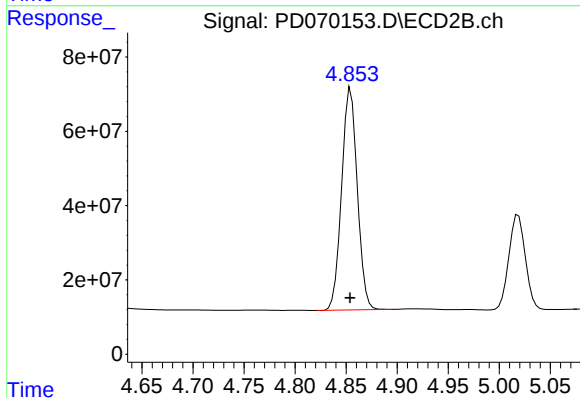
ClientSampleId :

PSTDCCC050

Manual Integrations

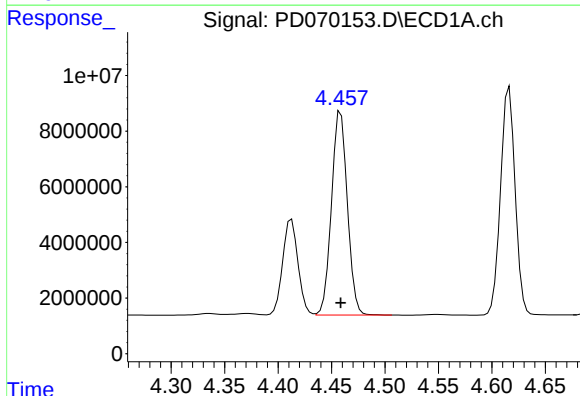
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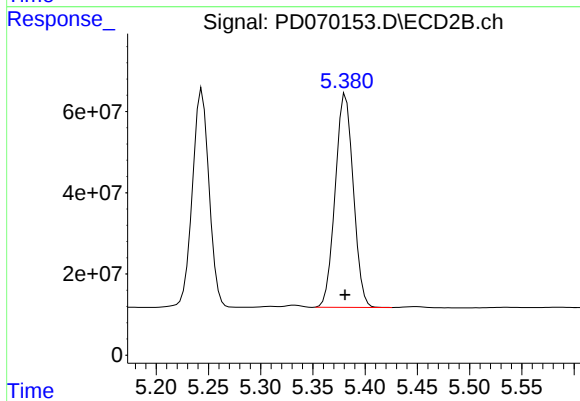
#3 gamma-BHC (Lindane)

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 639104304
Conc: 47.36 ng/ml



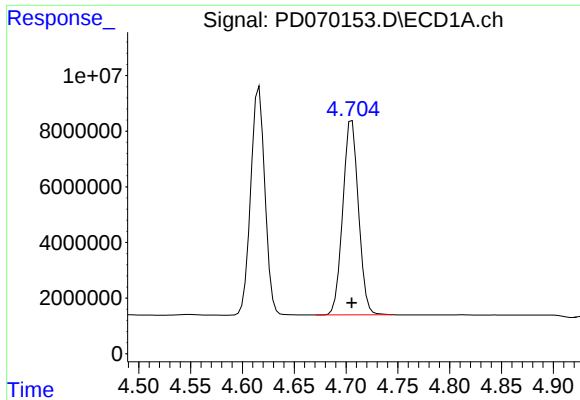
#4 Heptachlor

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 75566529
Conc: 48.87 ng/ml



#4 Heptachlor

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 632119799
Conc: 48.29 ng/ml



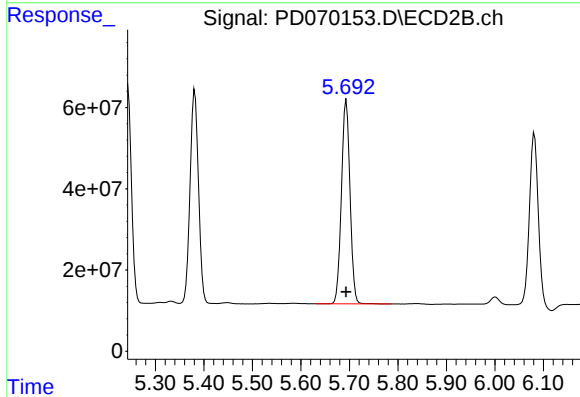
#5 Aldrin

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 73634521
Conc: 50.07 ng/ml

Instrument :
ECD_D
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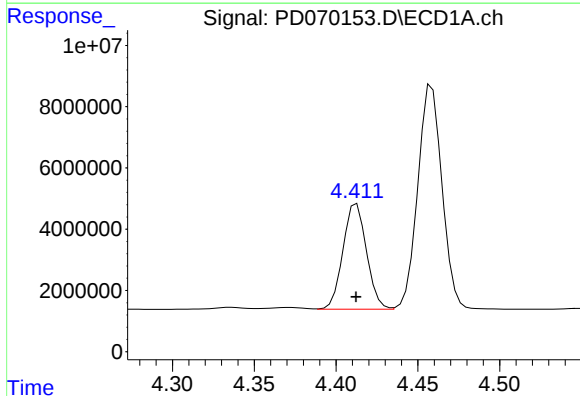
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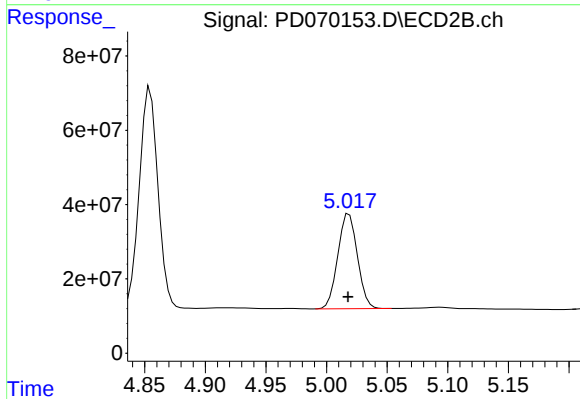
#5 Aldrin

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 620235222
Conc: 48.49 ng/ml



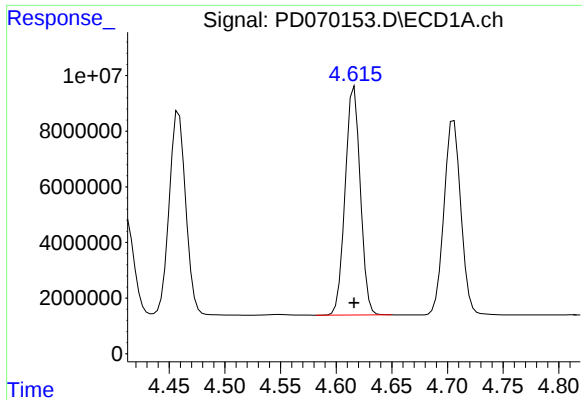
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 34391250
Conc: 47.80 ng/ml



#6 beta-BHC

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 286749658
Conc: 47.10 ng/ml



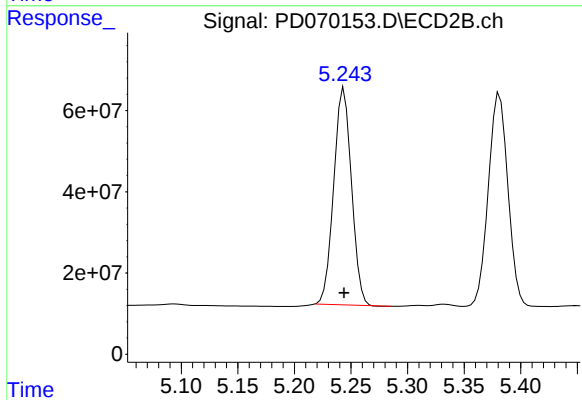
#7 delta-BHC

R.T.: 4.616 min
Delta R.T.: 0.000 min
Response: 77812465
Conc: 50.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

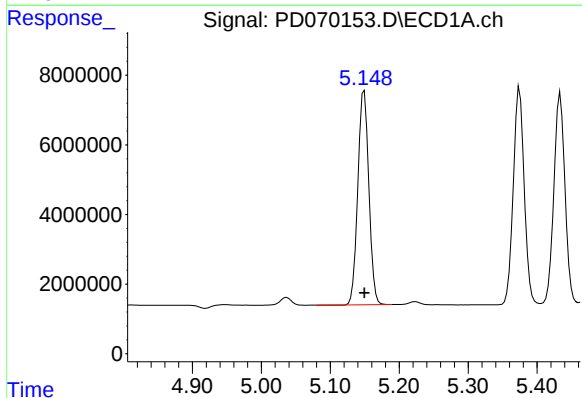
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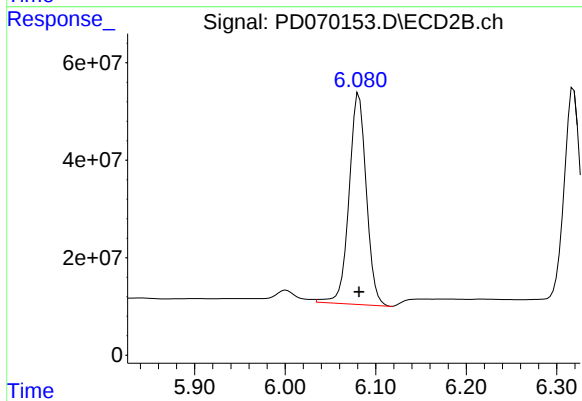
#7 delta-BHC

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 583119264
Conc: 64.24 ng/ml



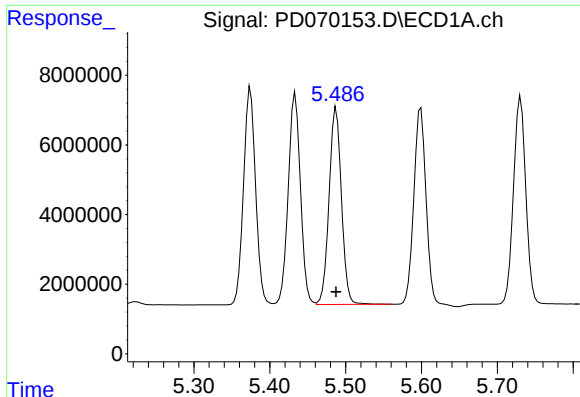
#8 Heptachlor epoxide

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 68169588
Conc: 49.71 ng/ml



#8 Heptachlor epoxide

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 574799573
Conc: 69.77 ng/ml



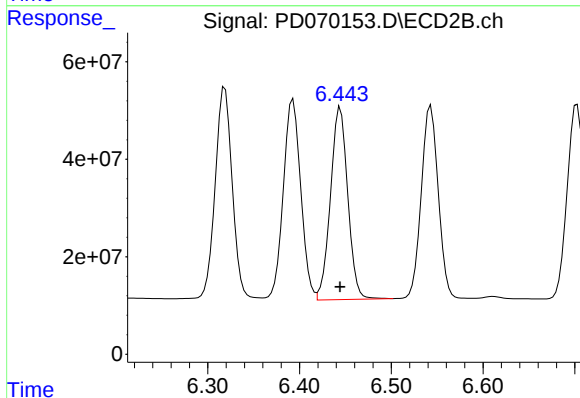
#9 Endosulfan I

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 64057176
Conc: 48.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

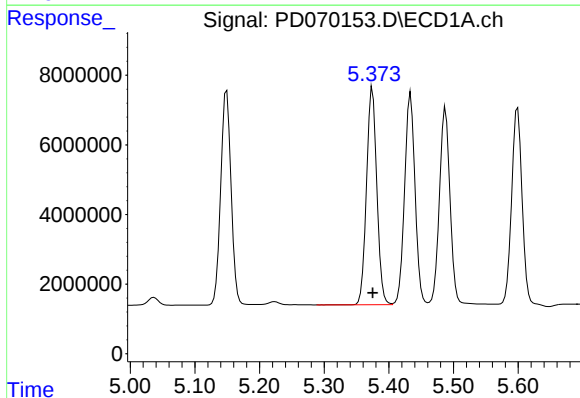
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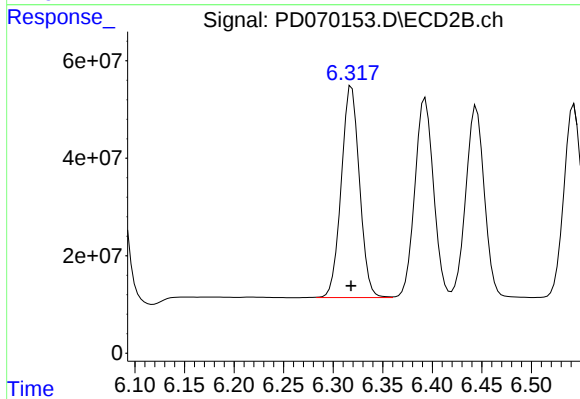
#9 Endosulfan I

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 517858876
Conc: 48.90 ng/ml



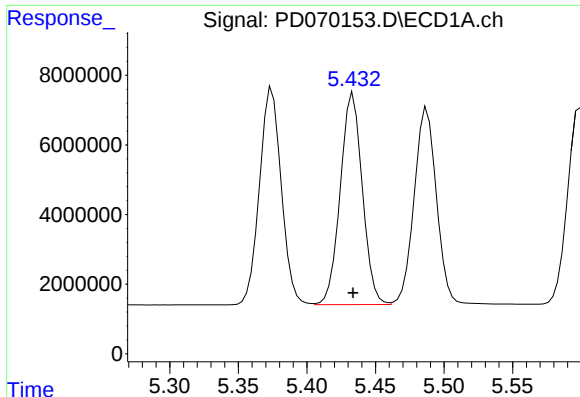
#10 gamma-Chlordane

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 68878005
Conc: 49.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 555148629
Conc: 48.30 ng/ml m



#11 alpha-Chlordane

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 68012876
Conc: 49.12 ng/ml

Instrument :

ECD_D

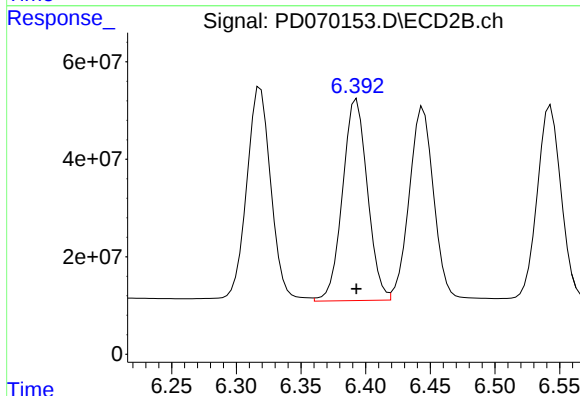
ClientSampleId :

PSTDCCC050

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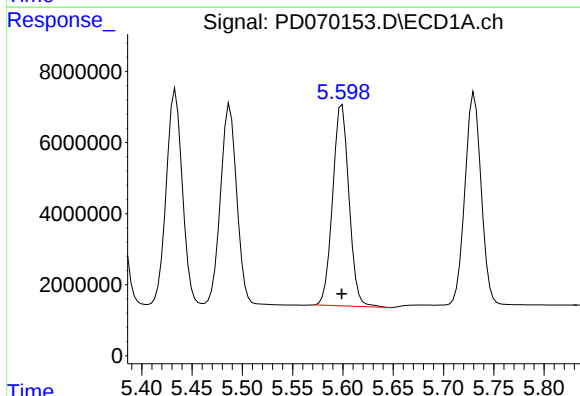
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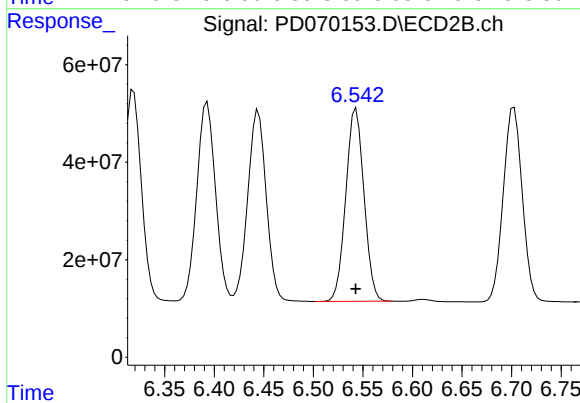
#11 alpha-Chlordane

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 552376816
Conc: 48.86 ng/ml



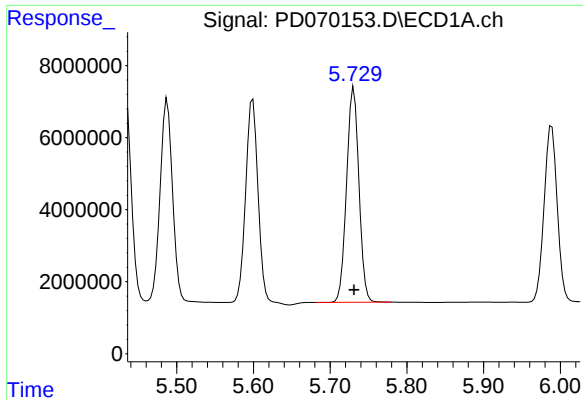
#12 4,4'-DDE

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 63929458
Conc: 51.12 ng/ml



#12 4,4'-DDE

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 505920204
Conc: 48.25 ng/ml



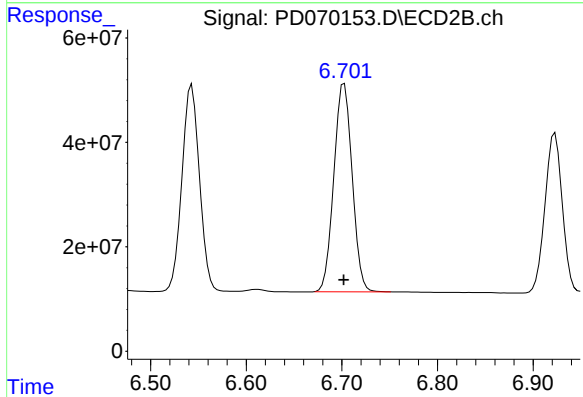
#13 Dieldrin

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 67214119
Conc: 49.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
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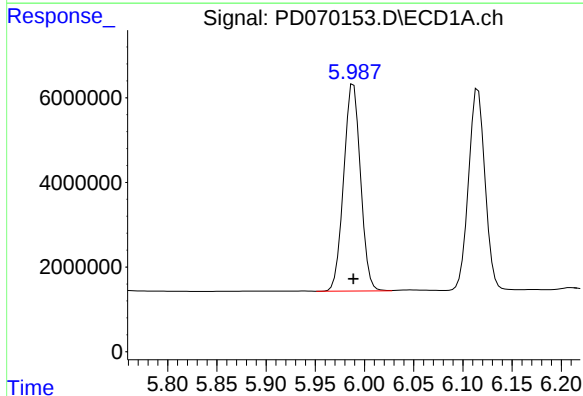
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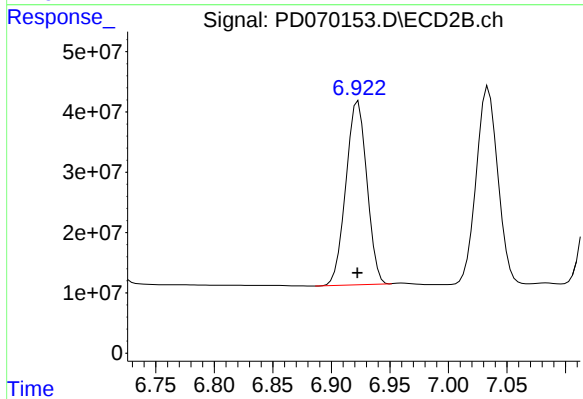
#13 Dieldrin

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 531180693
Conc: 48.60 ng/ml



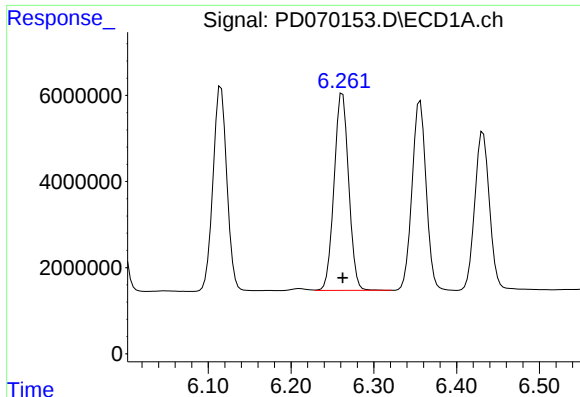
#14 Endrin

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 58228650
Conc: 48.35 ng/ml



#14 Endrin

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 380174012
Conc: 45.29 ng/ml



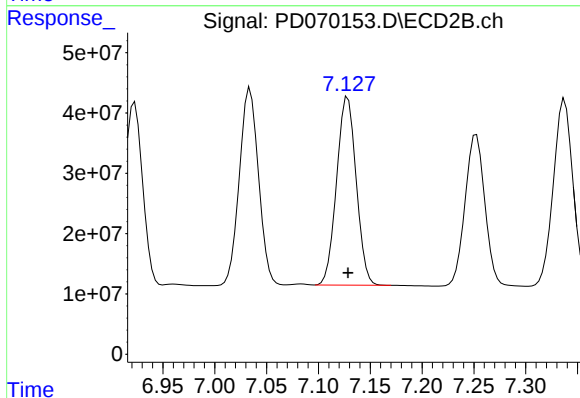
#15 Endosulfan II

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 56061337
Conc: 49.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

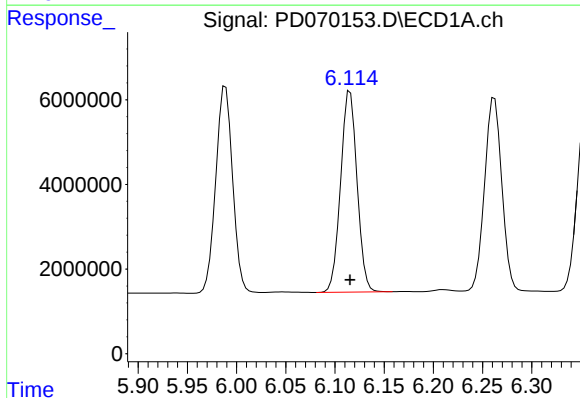
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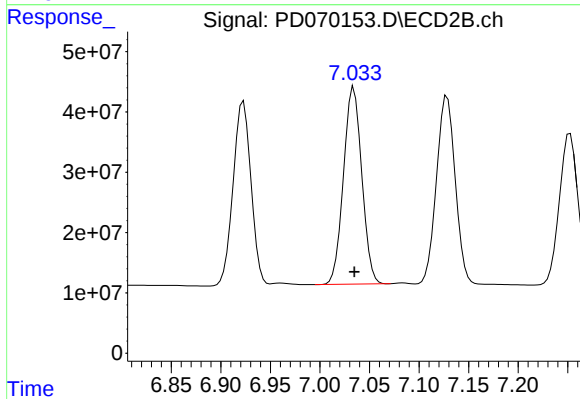
#15 Endosulfan II

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 410612729
Conc: 48.57 ng/ml



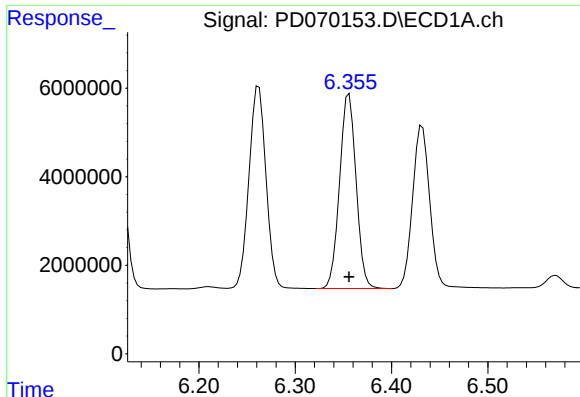
#16 4,4'-DDD

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 55295291
Conc: 50.91 ng/ml



#16 4,4'-DDD

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 420318144
Conc: 49.97 ng/ml



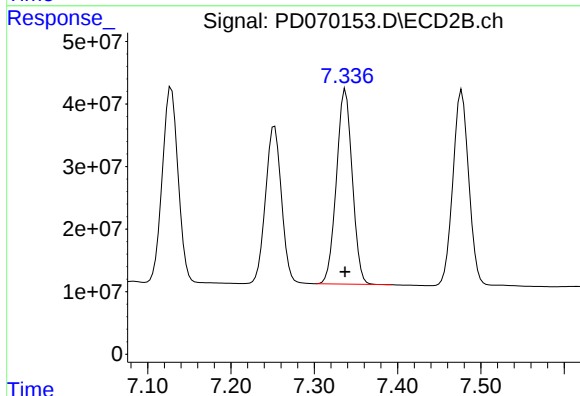
#17 4,4'-DDT

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 52276899
Conc: 49.28 ng/ml

Instrument :
ECD_D
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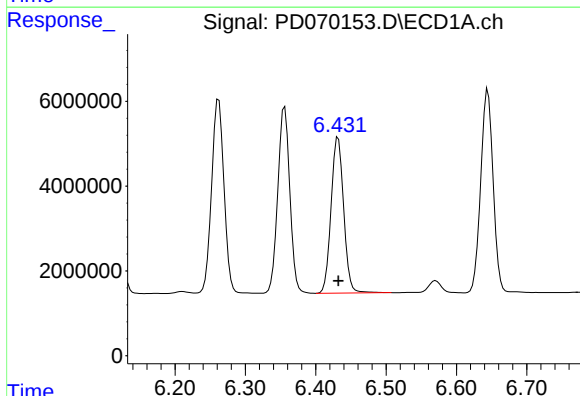
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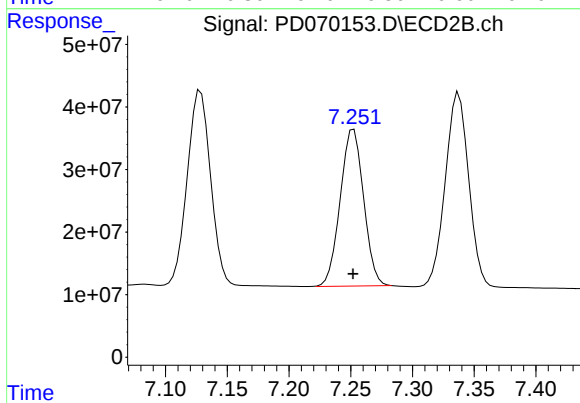
#17 4,4'-DDT

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 399325528
Conc: 46.52 ng/ml



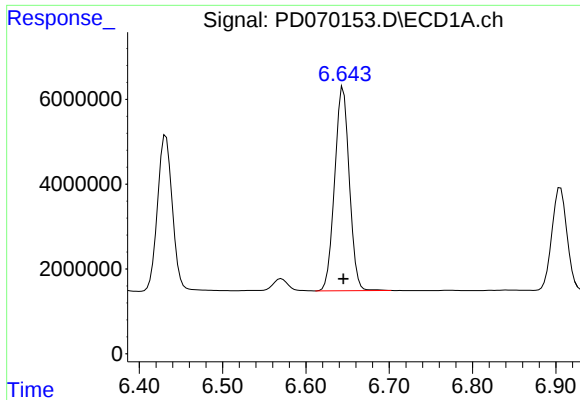
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 45697459
Conc: 49.38 ng/ml



#18 Endrin aldehyde

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 330316277
Conc: 48.13 ng/ml m



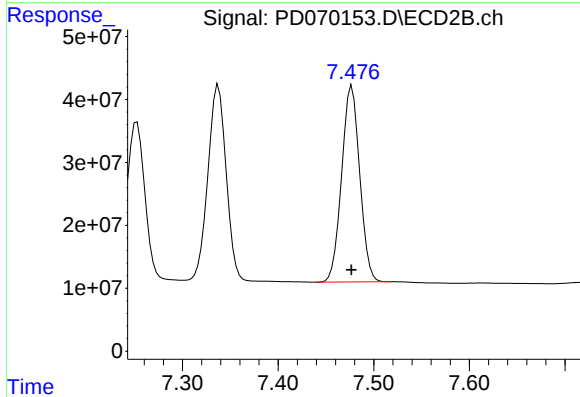
#19 Endosulfan Sulfate

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 58755466
Conc: 49.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
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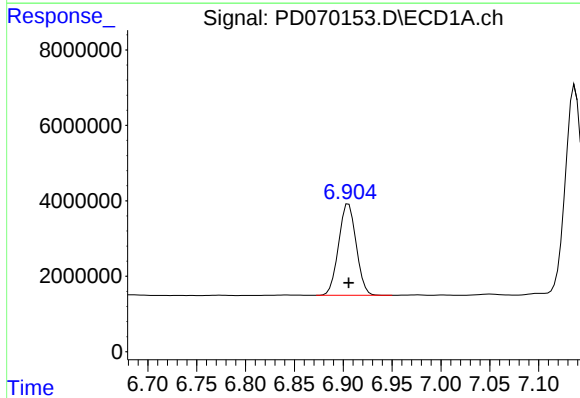
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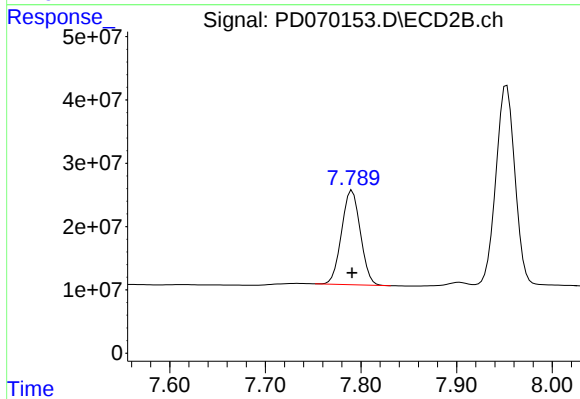
#19 Endosulfan Sulfate

R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 410916602
Conc: 49.33 ng/ml



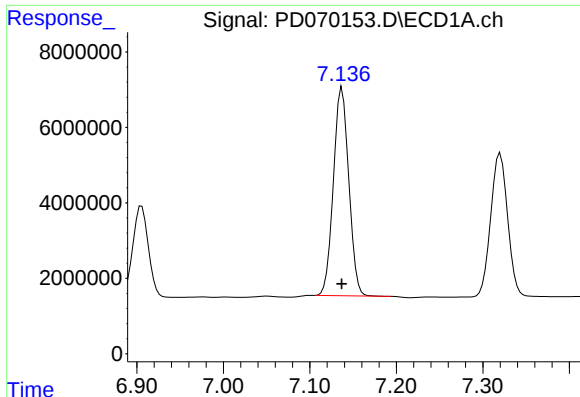
#20 Methoxychlor

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 30388997
Conc: 49.29 ng/ml



#20 Methoxychlor

R.T.: 7.791 min
Delta R.T.: 0.000 min
Response: 203988356
Conc: 48.38 ng/ml



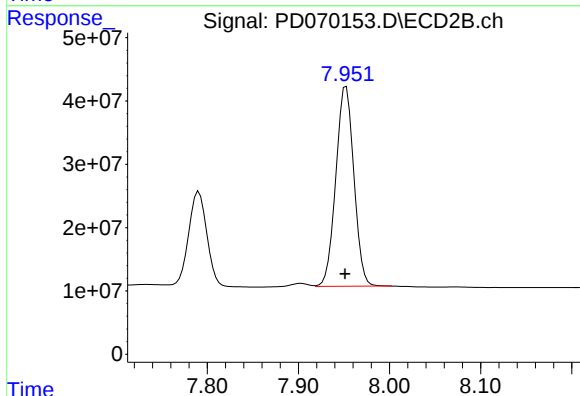
#21 Endrin ketone

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 67948034
Conc: 50.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

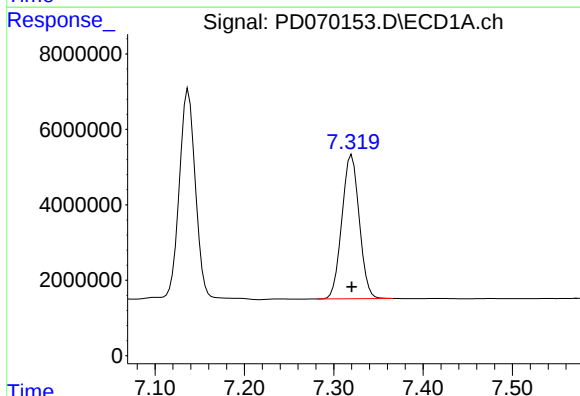
Manual Integrations
APPROVED

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



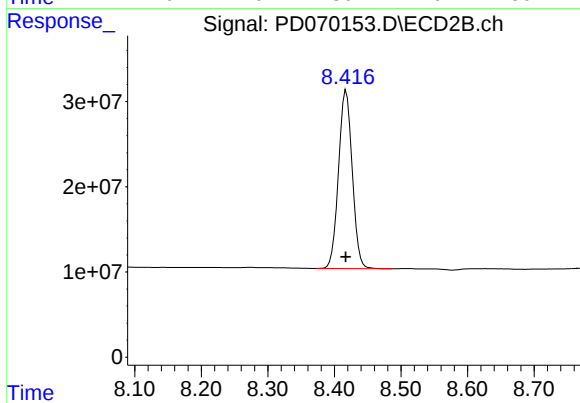
#21 Endrin ketone

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 435058767
Conc: 50.14 ng/ml



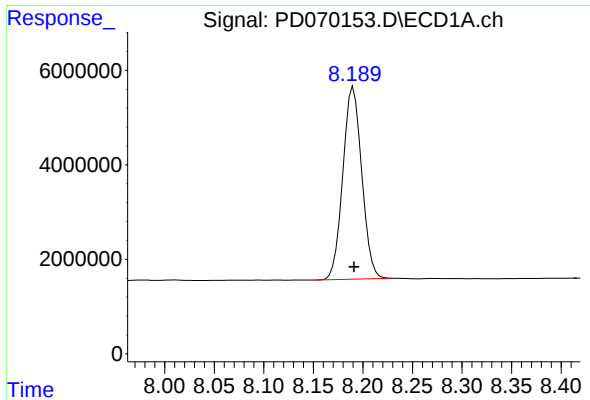
#22 Mirex

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 51463055
Conc: 49.28 ng/ml



#22 Mirex

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 298747642
Conc: 48.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.190 min
Delta R.T.: 0.000 min
Response: 54002927
Conc: 48.56 ng/ml

Instrument :

ECD_D

ClientSampleId :

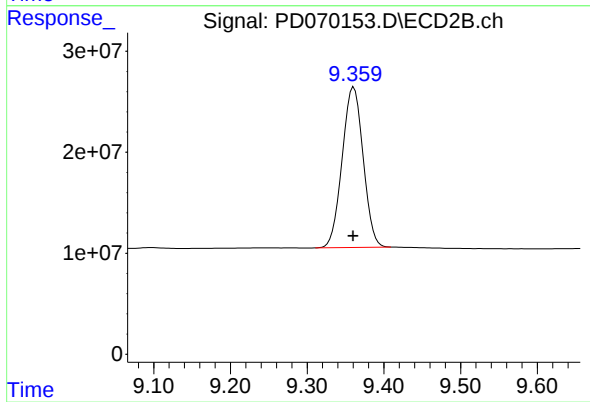
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 9.361 min
Delta R.T.: 0.001 min
Response: 303632517
Conc: 49.37 ng/ml