

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072622\
 Data File : PD071149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2022 19:37
 Operator : AR\AJ
 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/26/2022
 Supervised By :Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 03:03:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 03:03:25 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...	2.829	3.574	290.2E6	2702.4E6	99.229	97.549
28)	SA Decachlor...	8.032	9.106	272.0E6	985.8E6	98.287	97.314
Target Compounds							
2)	A alpha-BHC	3.339	4.040	441.0E6	3528.7E6	100.080	97.354
3)	MA gamma-BHC...	3.674	4.376	418.9E6	2797.9E6	100.542	96.853
4)	MA Heptachlor	4.022	4.955	438.4E6	1896.2E6	99.666	95.034
5)	MB Aldrin	4.306	5.298	423.0E6	1601.2E6	99.620	95.906
6)	B beta-BHC	3.972	4.583	162.2E6	1074.8E6	97.659	95.633
7)	B delta-BHC	4.206	4.831	414.7E6	1883.1E6	100.290	97.561
8)	B Heptachlo...	4.813	5.729	370.1E6	1215.9E6	98.790	96.002
9)	A Endosulfan I	5.187	6.117	347.2E6	1255.5E6	99.034	95.842
10)	B gamma-Chl...	5.066	5.984	387.3E6	1351.0E6	99.587	96.263
11)	B alpha-Chl...	5.131	6.061	377.1E6	1324.3E6	99.280	96.114
12)	B 4,4'-DDE	5.322	6.234	357.8E6	1341.4E6	99.959	96.684
13)	MA Dieldrin	5.455	6.395	376.2E6	1370.8E6	99.760	96.487
14)	MA Endrin	5.733	6.627	323.1E6	1159.9E6	99.297	96.795
15)	B Endosulfa...	6.028	6.853	290.7E6	1118.8E6	98.628	96.148
16)	A 4,4'-DDD	5.881	6.758	293.5E6	1138.7E6	99.721	96.997
17)	MA 4,4'-DDT	6.135	7.069	309.3E6	1241.9E6	100.020	97.062
18)	B Endrin al...	6.209	6.984	217.5E6	897.9E6	98.113	96.111
19)	B Endosulfa...	6.432	7.217	285.6E6	1120.0E6	98.854m	96.747
20)	A Methoxychlor	6.717	7.544	160.0E6	623.2E6	97.704	94.527m
21)	B Endrin ke...	6.943	7.709	322.1E6	1234.0E6	98.560m	96.511
22)	Mirex	7.131	8.171	238.4E6	797.8E6	98.101m	96.507

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

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 Data File : PD071149.D
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 Sample : PSTDICC100
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDICC100

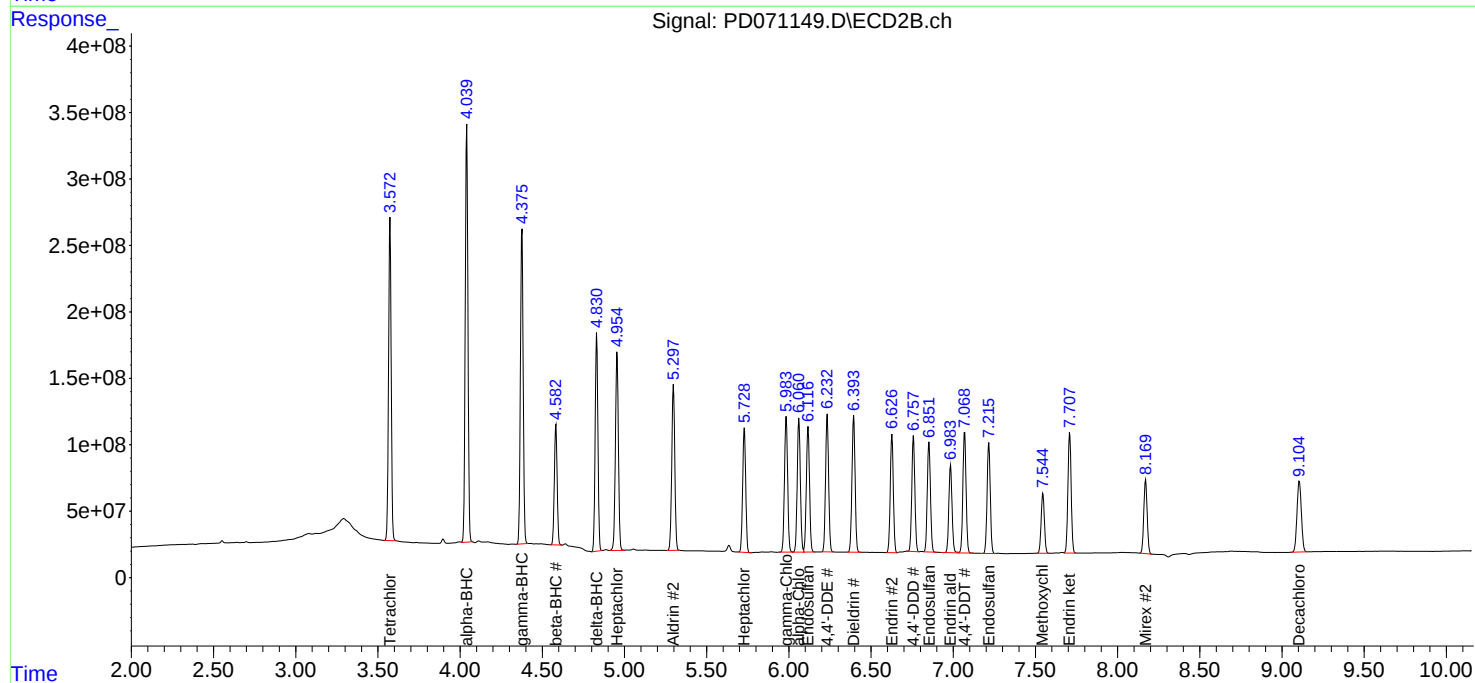
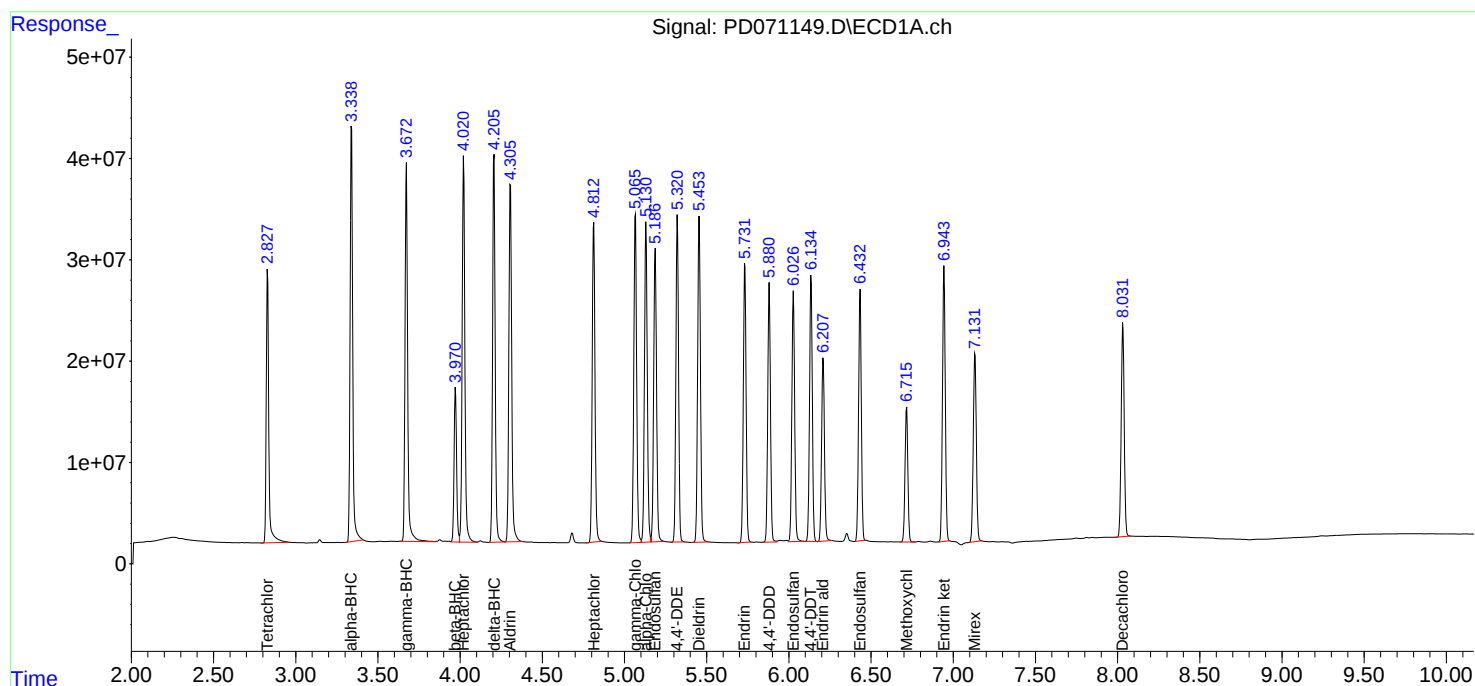
Manual Integrations

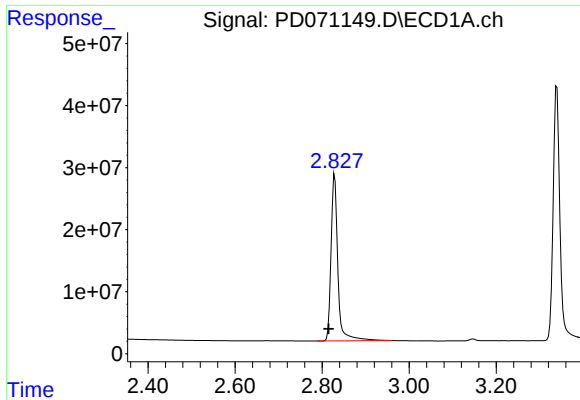
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 03:03:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072622.M
 Quant Title : GC Extractables
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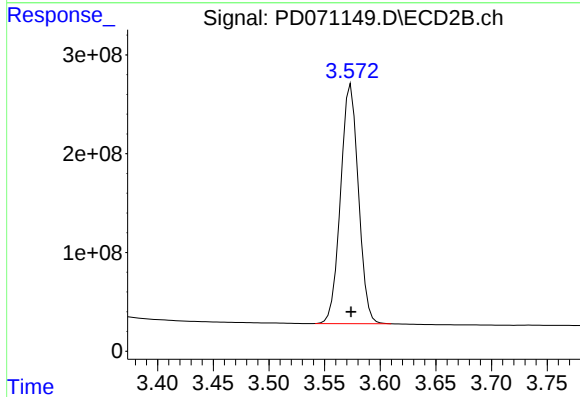
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.014 min
Response: 290160665
Conc: 99.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

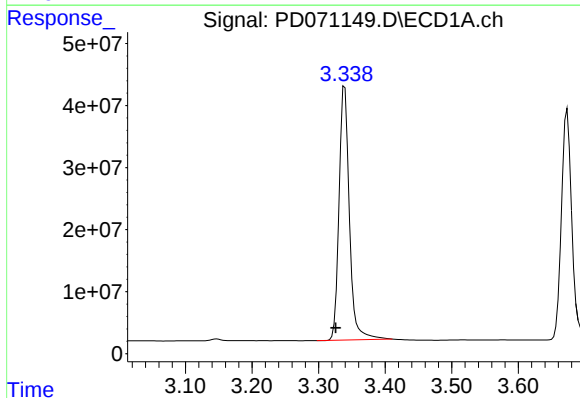
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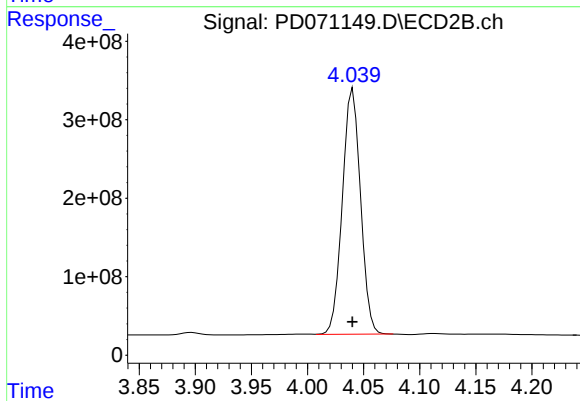
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: 0.000 min
Response: 2702437851
Conc: 97.55 ng/ml



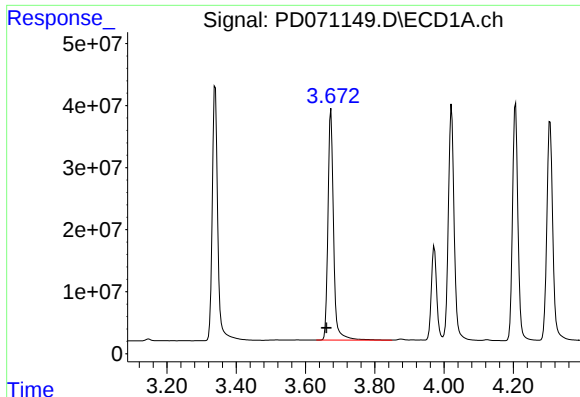
#2 alpha-BHC

R.T.: 3.339 min
Delta R.T.: 0.013 min
Response: 440997413
Conc: 100.08 ng/ml



#2 alpha-BHC

R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 3528746602
Conc: 97.35 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.674 min
Delta R.T.: 0.013 min
Response: 418914090
Conc: 100.54 ng/ml

Instrument :

ECD_D

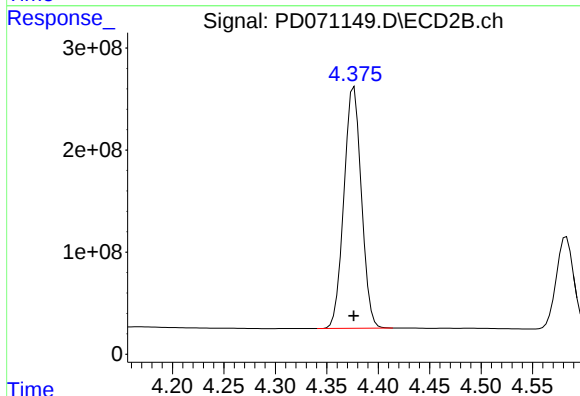
ClientSampleId :

PSTDICC100

Manual Integrations

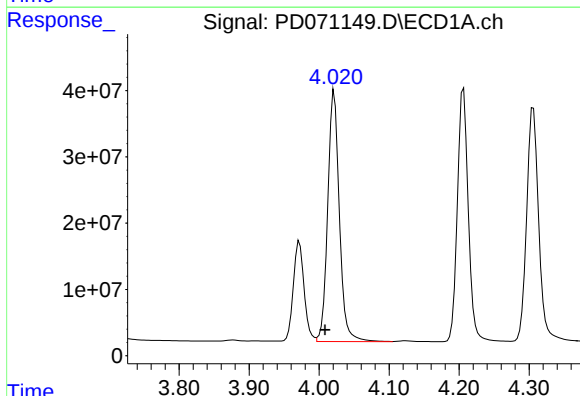
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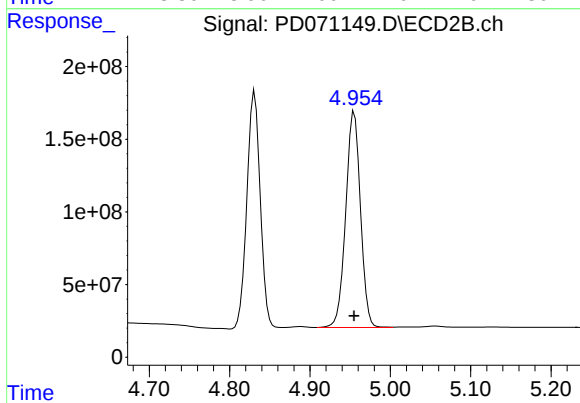
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: 0.000 min
Response: 2797881317
Conc: 96.85 ng/ml



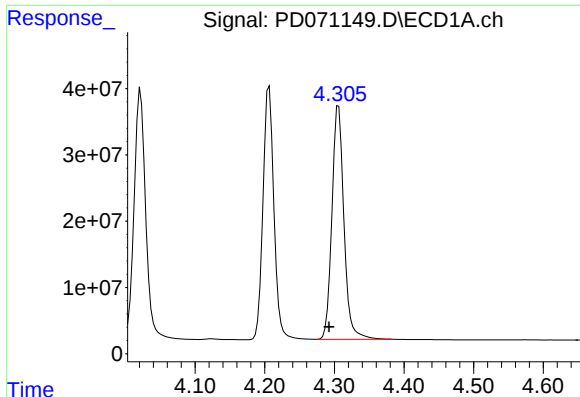
#4 Heptachlor

R.T.: 4.022 min
Delta R.T.: 0.013 min
Response: 438374248
Conc: 99.67 ng/ml



#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 1896169858
Conc: 95.03 ng/ml



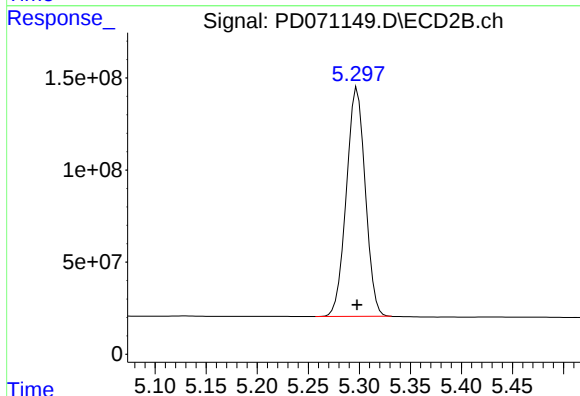
#5 Aldrin

R.T.: 4.306 min
Delta R.T.: 0.014 min
Response: 422974236
Conc: 99.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

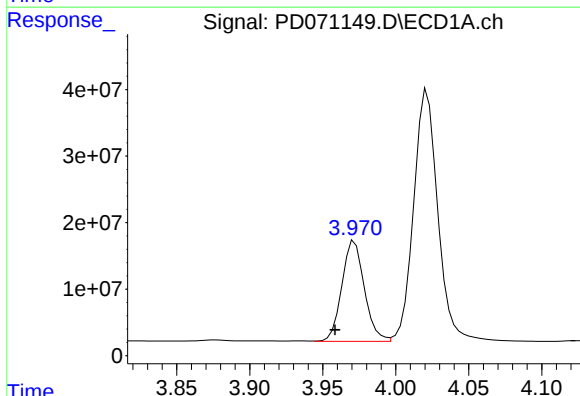
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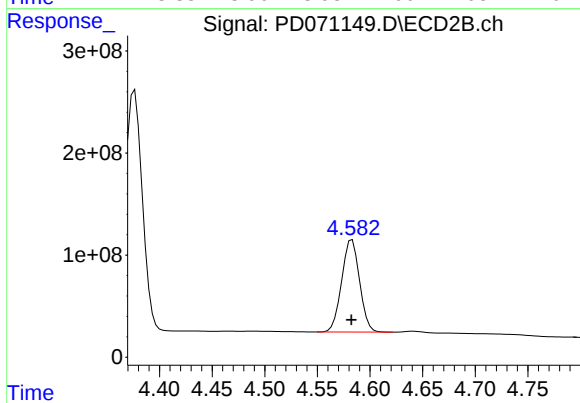
#5 Aldrin

R.T.: 5.298 min
Delta R.T.: 0.000 min
Response: 1601154113
Conc: 95.91 ng/ml



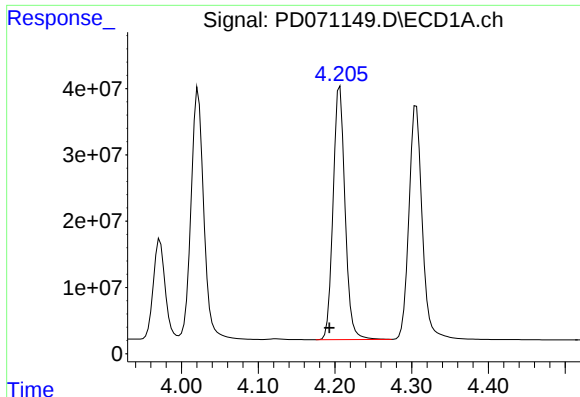
#6 beta-BHC

R.T.: 3.972 min
Delta R.T.: 0.013 min
Response: 162207576
Conc: 97.66 ng/ml



#6 beta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 1074846833
Conc: 95.63 ng/ml



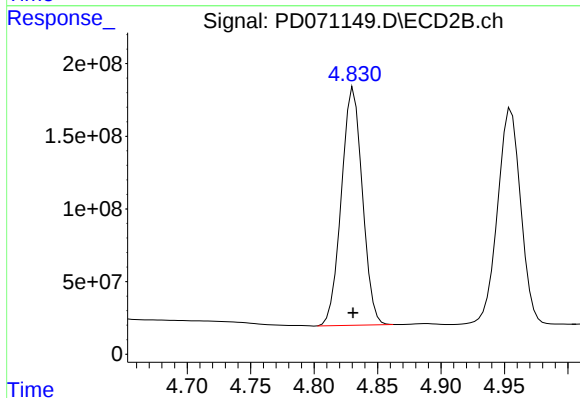
#7 delta-BHC

R.T.: 4.206 min
Delta R.T.: 0.013 min
Response: 414659989
Conc: 100.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

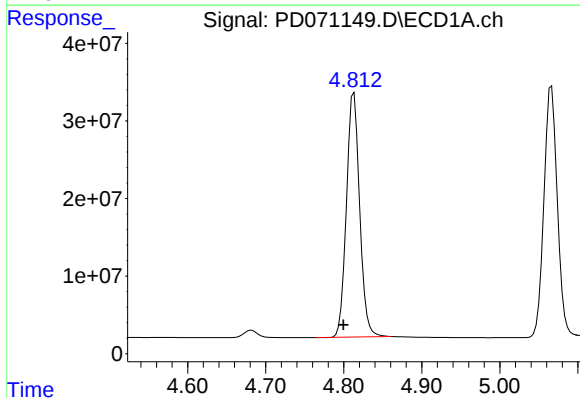
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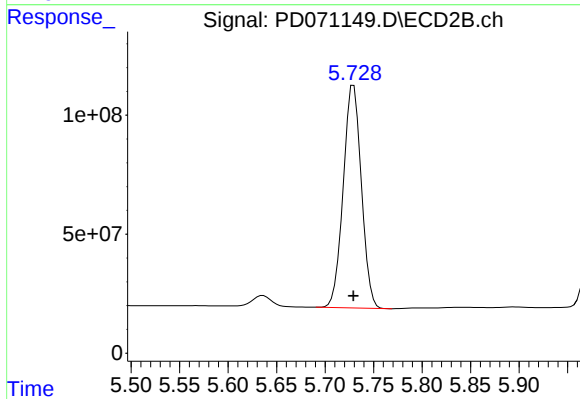
#7 delta-BHC

R.T.: 4.831 min
Delta R.T.: 0.000 min
Response: 1883089089
Conc: 97.56 ng/ml



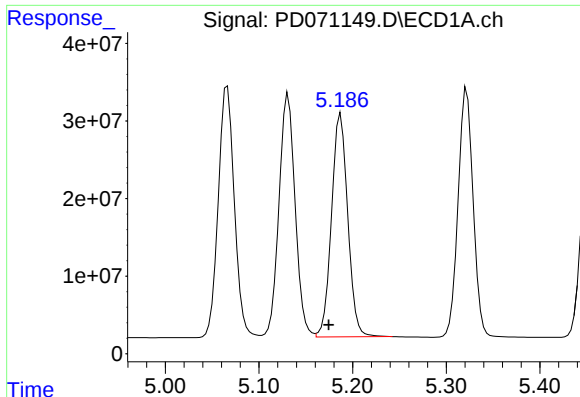
#8 Heptachlor epoxide

R.T.: 4.813 min
Delta R.T.: 0.013 min
Response: 370057519
Conc: 98.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 1215892620
Conc: 96.00 ng/ml



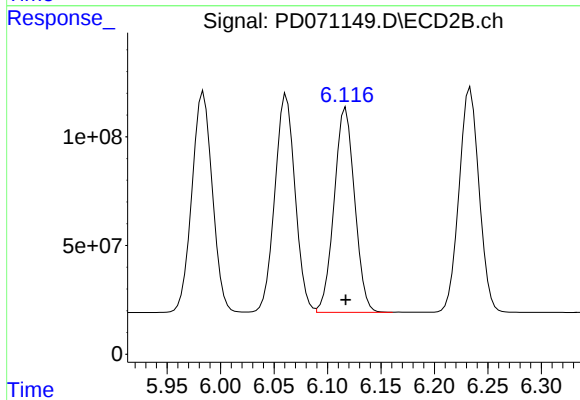
#9 Endosulfan I

R.T.: 5.187 min
Delta R.T.: 0.013 min
Response: 347249698
Conc: 99.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

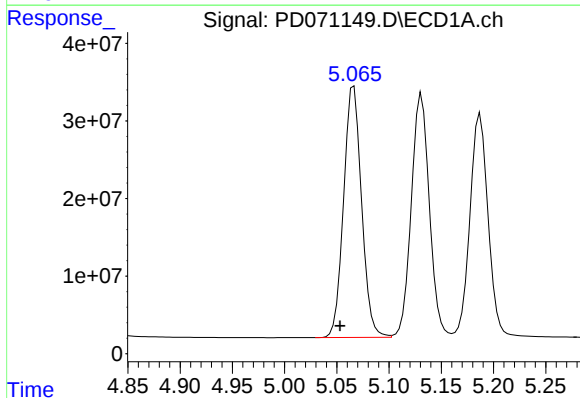
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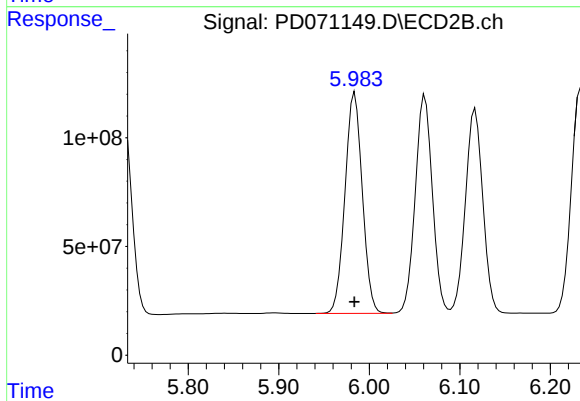
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 1255458735
Conc: 95.84 ng/ml



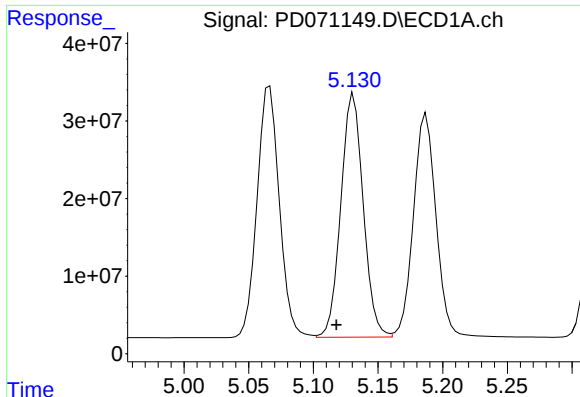
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.013 min
Response: 387341978
Conc: 99.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 1350967543
Conc: 96.26 ng/ml



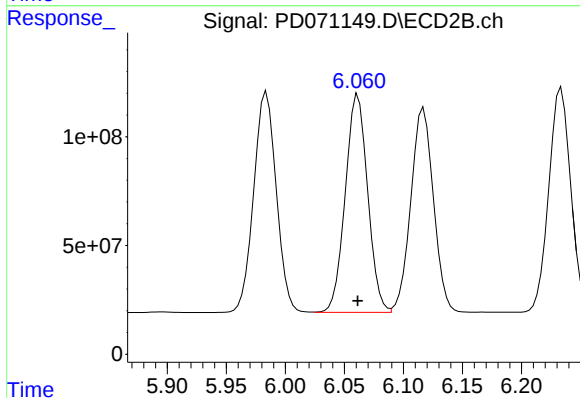
#11 alpha-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.013 min
Response: 377054744
Conc: 99.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

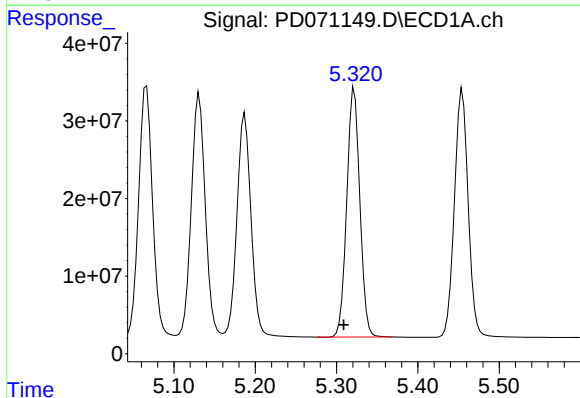
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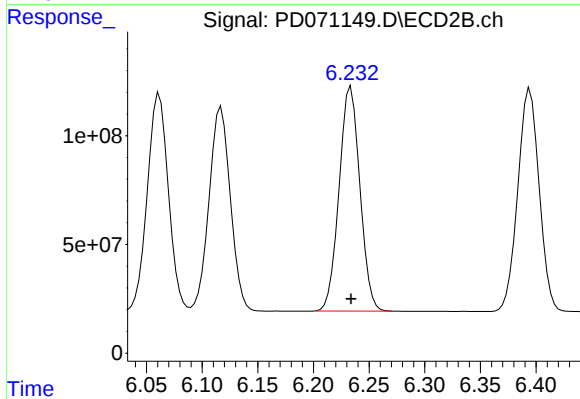
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.000 min
Response: 1324271657
Conc: 96.11 ng/ml



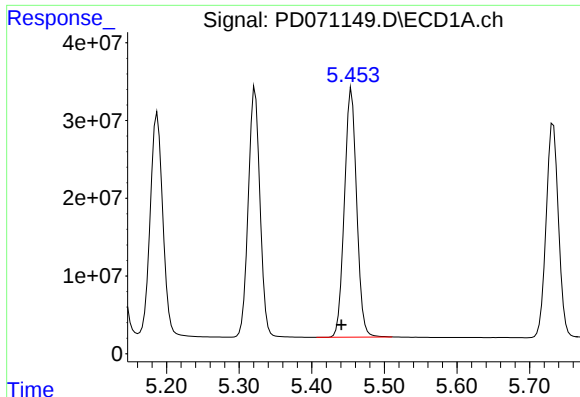
#12 4,4'-DDE

R.T.: 5.322 min
Delta R.T.: 0.013 min
Response: 357752908
Conc: 99.96 ng/ml



#12 4,4'-DDE

R.T.: 6.234 min
Delta R.T.: 0.000 min
Response: 1341374621
Conc: 96.68 ng/ml



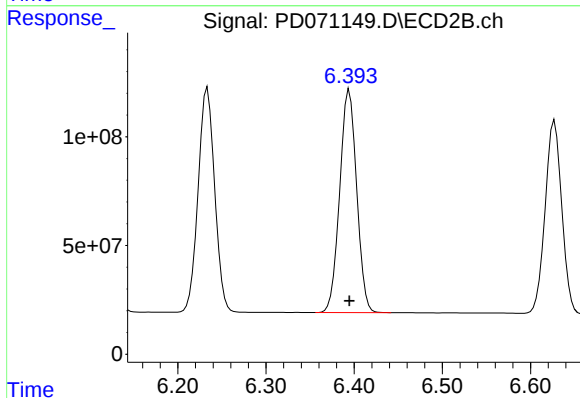
#13 Dieldrin

R.T.: 5.455 min
Delta R.T.: 0.014 min
Response: 376158592
Conc: 99.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

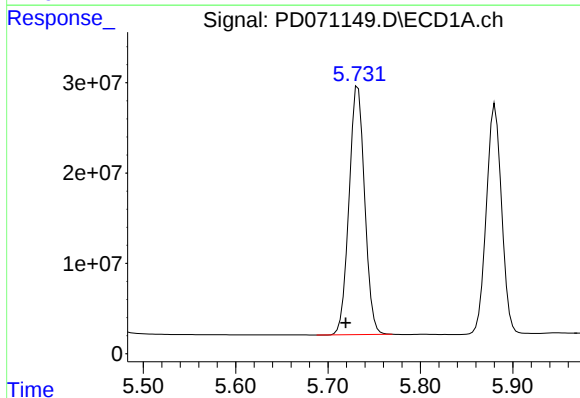
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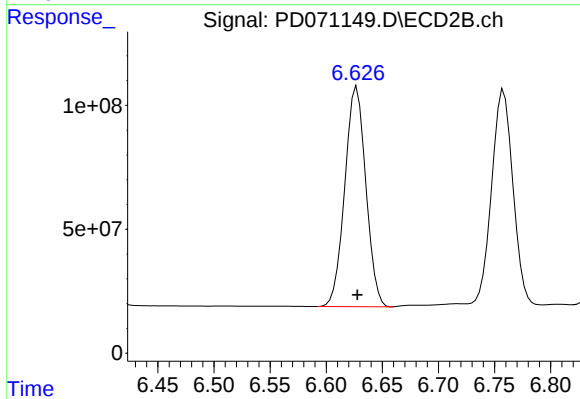
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: 0.000 min
Response: 1370805608
Conc: 96.49 ng/ml



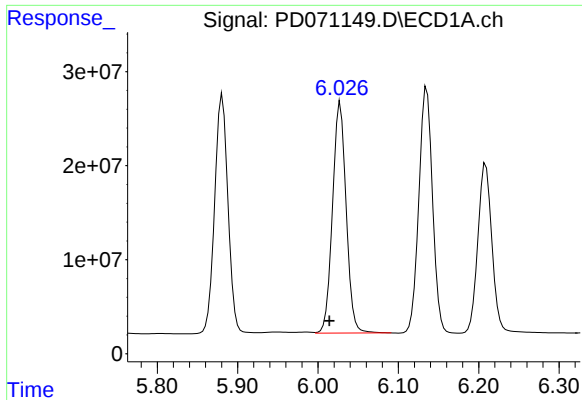
#14 Endrin

R.T.: 5.733 min
Delta R.T.: 0.013 min
Response: 323097180
Conc: 99.30 ng/ml



#14 Endrin

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 1159911177
Conc: 96.80 ng/ml



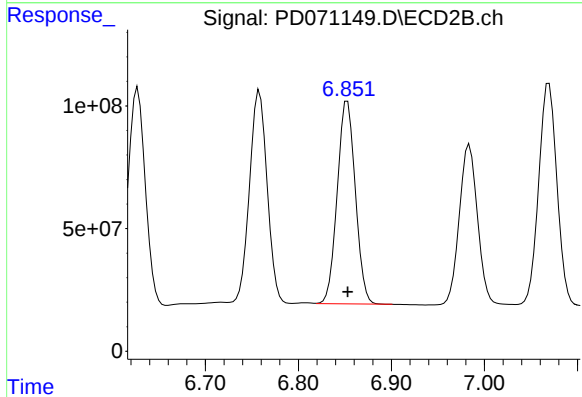
#15 Endosulfan II

R.T.: 6.028 min
Delta R.T.: 0.014 min
Response: 290736610
Conc: 98.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

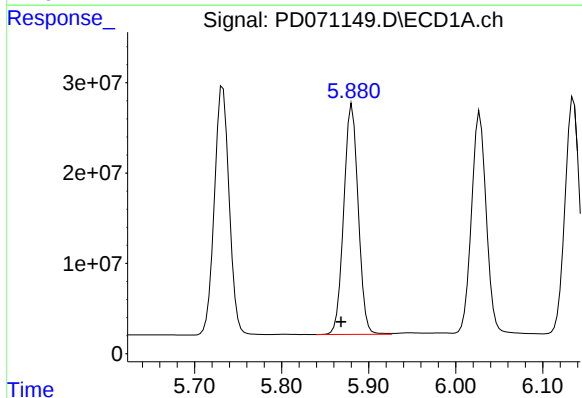
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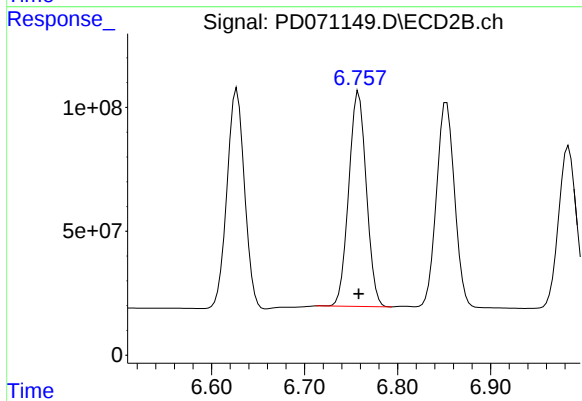
#15 Endosulfan II

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 1118800312
Conc: 96.15 ng/ml



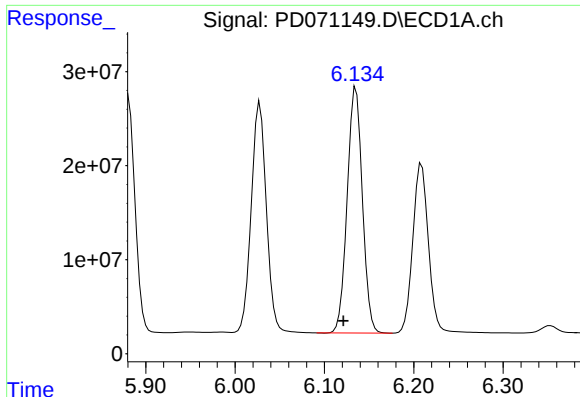
#16 4,4'-DDD

R.T.: 5.881 min
Delta R.T.: 0.013 min
Response: 293451040
Conc: 99.72 ng/ml



#16 4,4'-DDD

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1138661311
Conc: 97.00 ng/ml



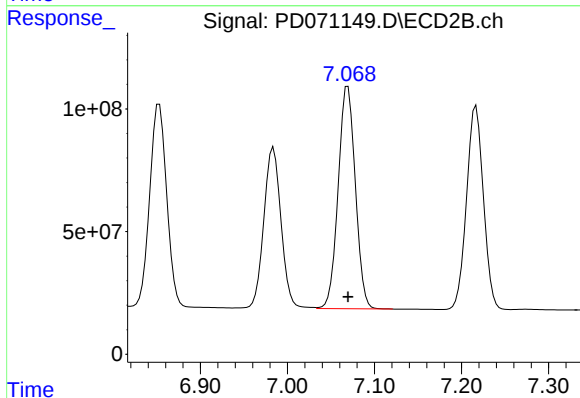
#17 4,4'-DDT

R.T.: 6.135 min
Delta R.T.: 0.014 min
Response: 309278774
Conc: 100.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

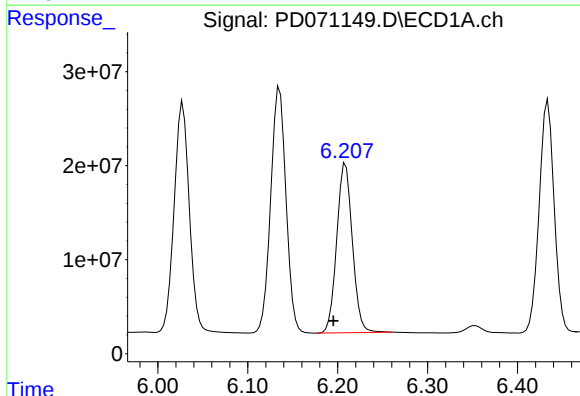
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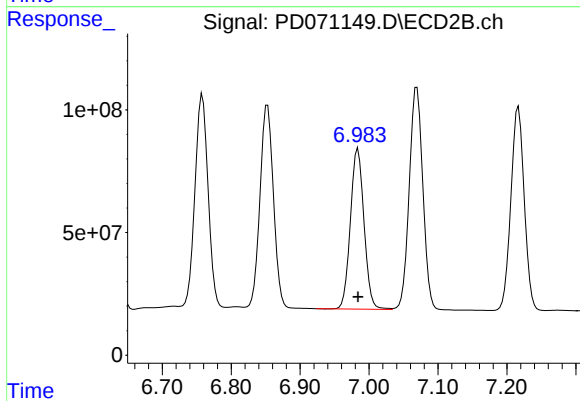
#17 4,4'-DDT

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 1241926464
Conc: 97.06 ng/ml



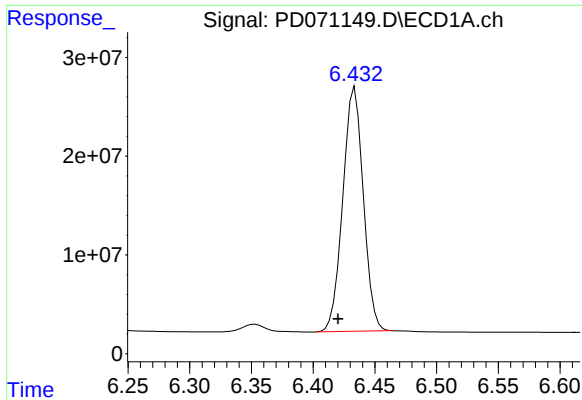
#18 Endrin aldehyde

R.T.: 6.209 min
Delta R.T.: 0.014 min
Response: 217484956
Conc: 98.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.984 min
Delta R.T.: 0.000 min
Response: 897855978
Conc: 96.11 ng/ml



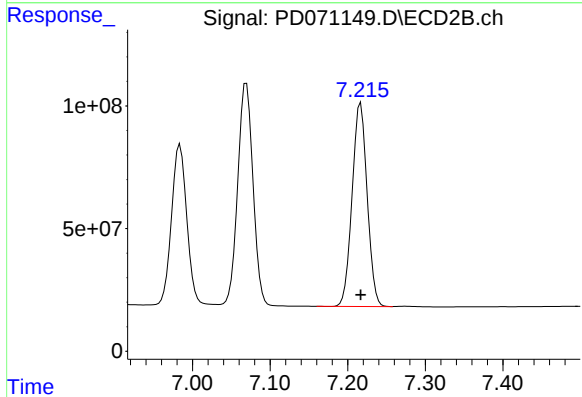
#19 Endosulfan Sulfate

R.T.: 6.432 min
Delta R.T.: 0.012 min
Response: 285635524
Conc: 98.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

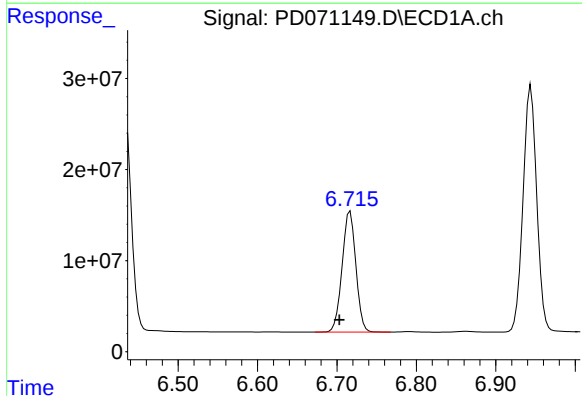
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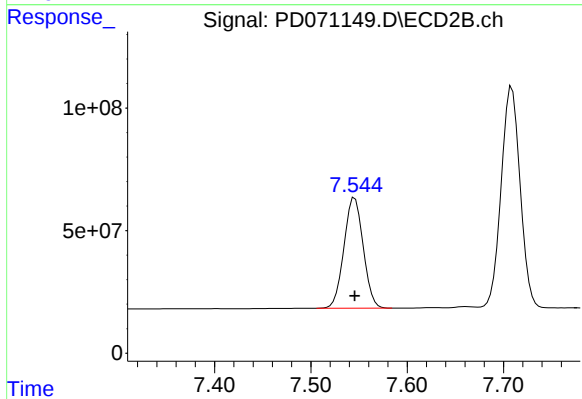
#19 Endosulfan Sulfate

R.T.: 7.217 min
Delta R.T.: 0.000 min
Response: 1119987534
Conc: 96.75 ng/ml



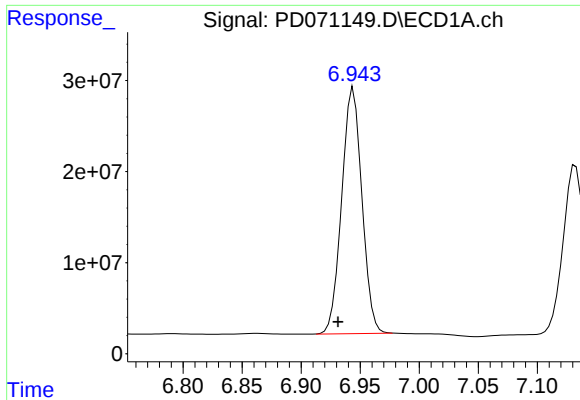
#20 Methoxychlor

R.T.: 6.717 min
Delta R.T.: 0.014 min
Response: 160024085
Conc: 97.70 ng/ml



#20 Methoxychlor

R.T.: 7.544 min
Delta R.T.: -0.001 min
Response: 623217264
Conc: 94.53 ng/ml m



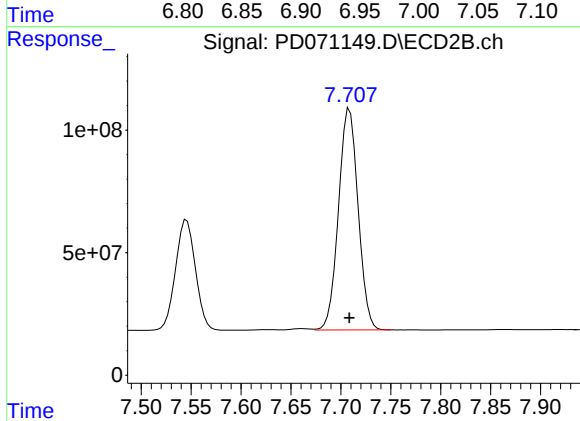
#21 Endrin ketone

R.T.: 6.943 min
Delta R.T.: 0.011 min
Response: 322063522
Conc: 98.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

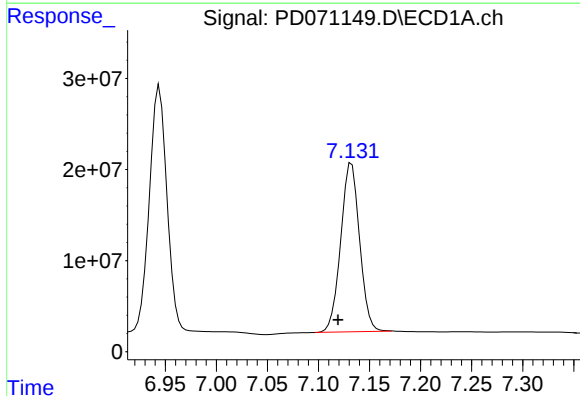
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2022
Supervised By :Ankita Jodhani 07/26/2022



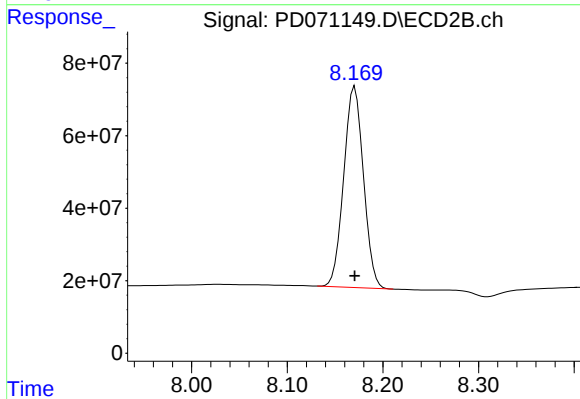
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 1234033365
Conc: 96.51 ng/ml



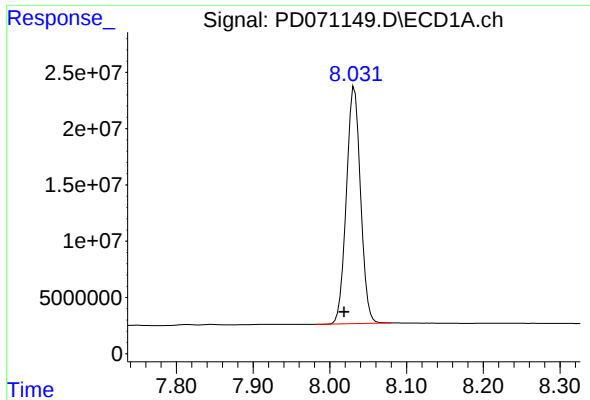
#22 Mirex

R.T.: 7.131 min
Delta R.T.: 0.012 min
Response: 238396996
Conc: 98.10 ng/ml m



#22 Mirex

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 797767814
Conc: 96.51 ng/ml



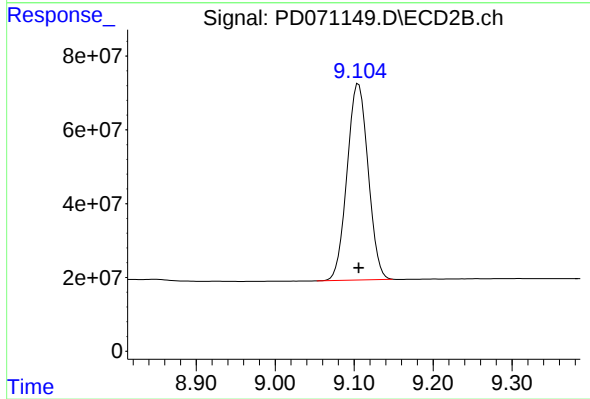
#28 Decachlorobiphenyl

R.T.: 8.032 min
Delta R.T.: 0.014 min
Response: 272004836
Conc: 98.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDICC100

Manual Integrations
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Supervised By :Ankita Jodhani 07/26/2022



#28 Decachlorobiphenyl

R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 985765410
Conc: 97.31 ng/ml