

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091322\
 Data File : PD071848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2022 03:41
 Operator : AR\AJ
 Sample : N4572-01MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSC-124037MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/14/2022
 Supervised By :Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:44:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091022.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 10 22:11:50 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...	2.804	3.562	41049122	563.3E6	16.787	19.631
2)	SA Decachlor...	7.994	9.089	21172770	106.0E6	8.404	11.403 #
Target Compounds							
2)	A alpha-BHC	3.313	4.029	172.7E6	1843.8E6	44.802	45.946
3)	MA gamma-BHC...	3.646	4.364	159.1E6	1457.0E6	45.318	44.378
4)	MA Heptachlor	3.992	4.941	167.0E6	1069.2E6	44.668	44.250
5)	MB Aldrin	4.276	5.284	174.2E6	959.6E6	47.563	47.336
6)	B beta-BHC	3.944	4.571	75185742	608.1E6	49.624	46.008
7)	B delta-BHC	4.178	4.819	150.6E6	1106.7E6	42.739	47.348
8)	B Heptachlo...	4.782	5.714	147.5E6	705.7E6	45.107	45.763m
9)	A Endosulfan I	5.157	6.102	118.6E6	636.0E6	37.327	43.142m
10)	B gamma-Chl...	5.035	5.970	151.9E6	668.3E6	45.054	41.592m
11)	B alpha-Chl...	5.100	6.046	147.5E6	688.3E6	44.431	44.113m
12)	B 4,4'-DDE	5.291	6.219	140.4E6	587.6E6	45.890	39.886m
13)	MA Dieldrin	5.423	6.381	155.7E6	661.4E6	46.544	43.640
14)	MA Endrin	5.700	6.614	138.8E6	578.6E6	46.859	45.813
15)	B Endosulfa...	5.996	6.839	127.8E6	590.9E6	46.387	47.723
16)	A 4,4'-DDD	5.849	6.745	107.8E6	554.3E6	42.497	46.638
17)	MA 4,4'-DDT	6.102	7.056	114.3E6	536.8E6	43.436	43.456
18)	B Endrin al...	6.176	6.970	99231962	484.5E6	44.871	50.181
19)	B Endosulfa...	6.400	7.204	110.6E6	485.5E6	41.234	43.530
20)	A Methoxychlor	6.681	7.533	66587153	277.0E6	44.470	45.574
21)	B Endrin ke...	6.910	7.695	125.3E6	561.5E6	41.758	45.144
22)	Mirex	7.096	8.156	94693094	382.7E6	40.179	44.188

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

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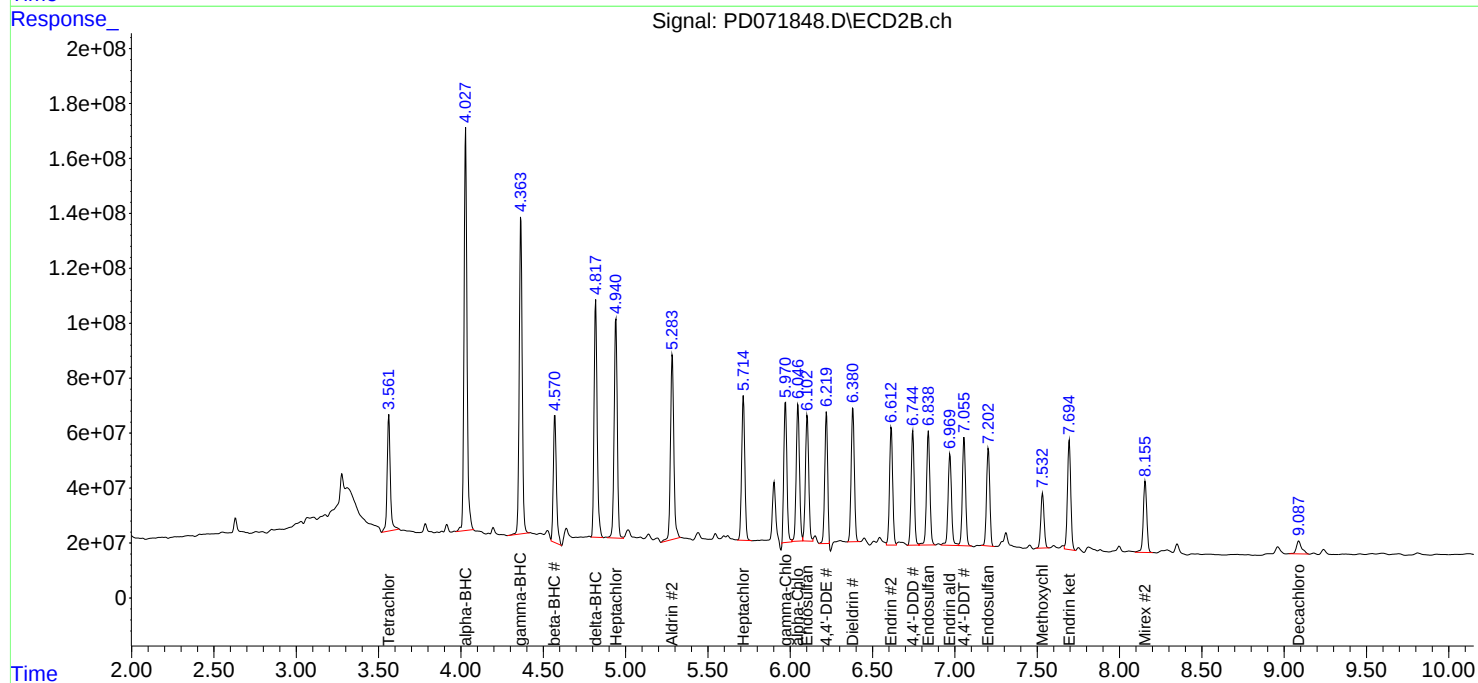
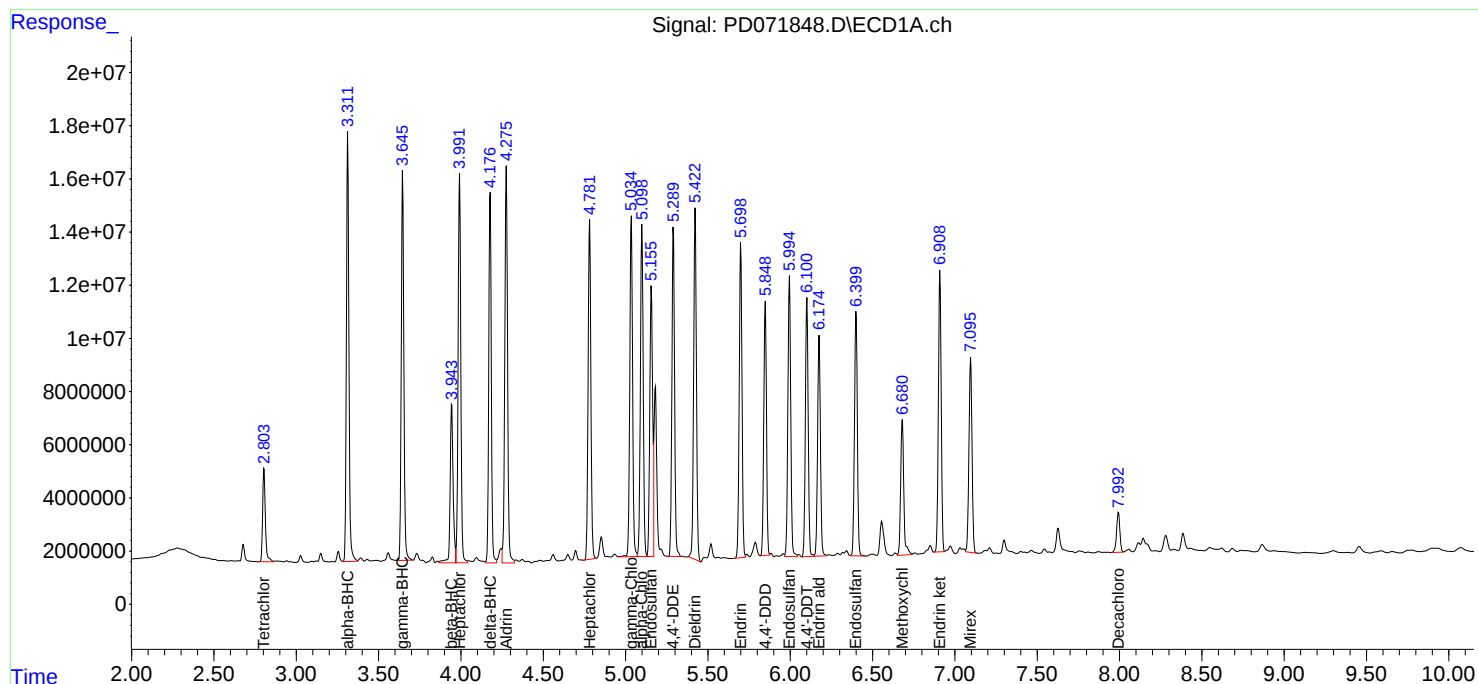
Instrument :
 ECD_D
 ClientSampleId :
 PSC-124037MS

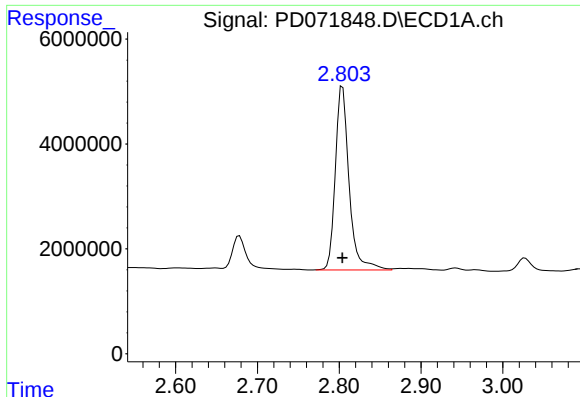
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 05:44:09 2022
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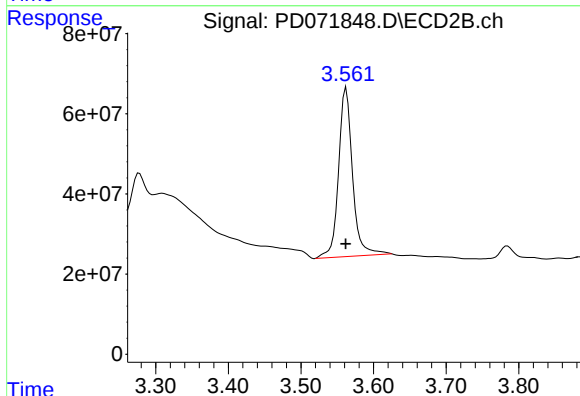
#1 Tetrachloro-m-xylene

R.T.: 2.804 min
Delta R.T.: 0.000 min
Response: 41049122
Conc: 16.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
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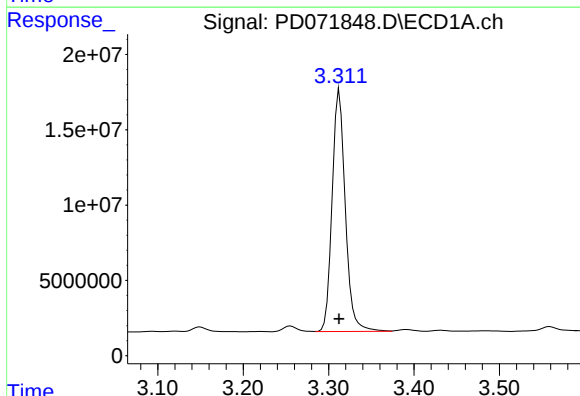
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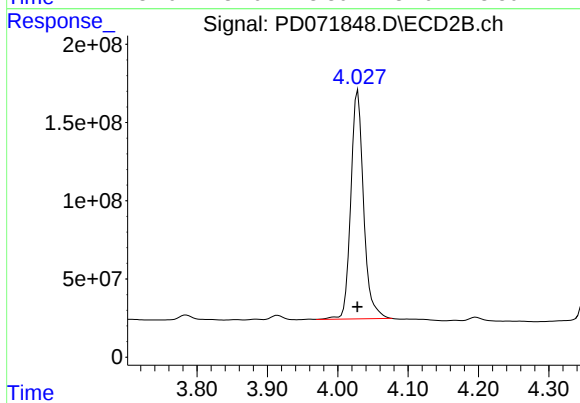
#1 Tetrachloro-m-xylene

R.T.: 3.562 min
Delta R.T.: 0.000 min
Response: 563328736
Conc: 19.63 ng/ml



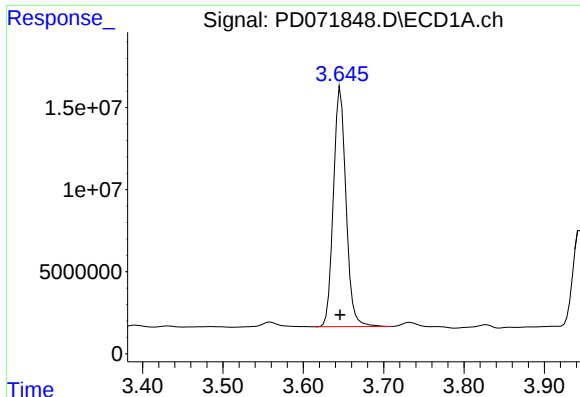
#2 alpha-BHC

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 172657077
Conc: 44.80 ng/ml



#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 1843782098
Conc: 45.95 ng/ml



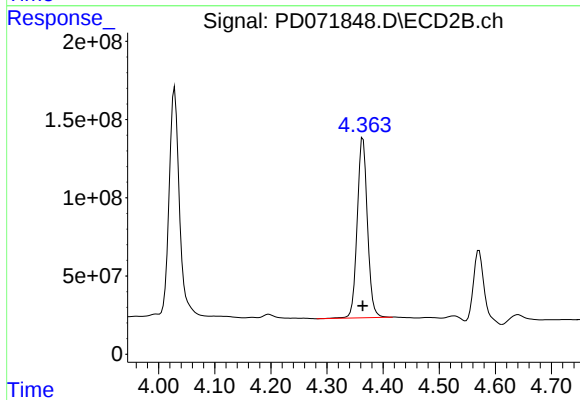
#3 gamma-BHC (Lindane)

R.T.: 3.646 min
Delta R.T.: 0.000 min
Response: 159116527
Conc: 45.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

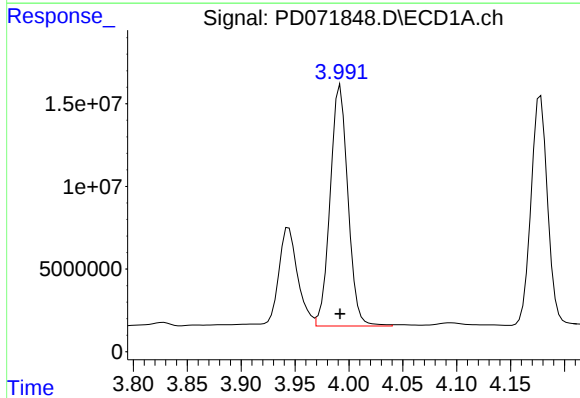
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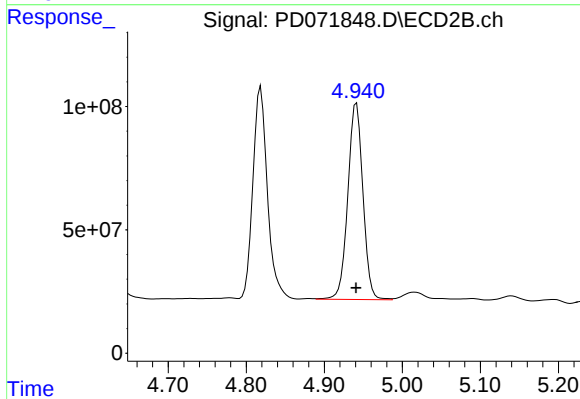
#3 gamma-BHC (Lindane)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1457039545
Conc: 44.38 ng/ml



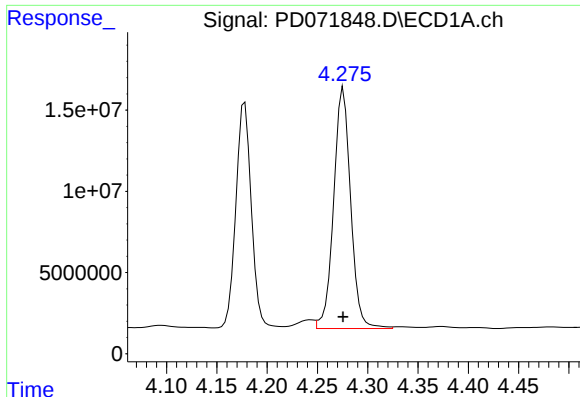
#4 Heptachlor

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 167001873
Conc: 44.67 ng/ml



#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.000 min
Response: 1069170979
Conc: 44.25 ng/ml



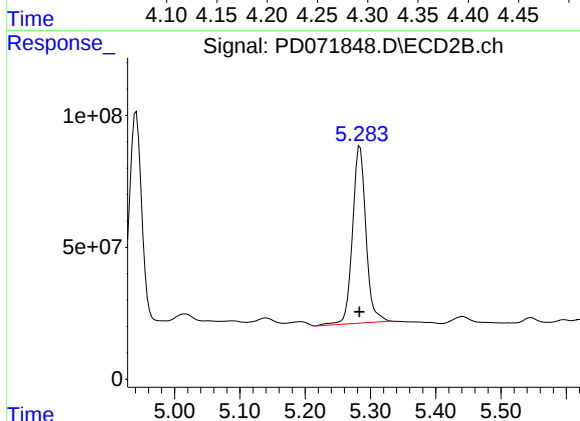
#5 Aldrin

R.T.: 4.276 min
Delta R.T.: 0.000 min
Response: 174170199
Conc: 47.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

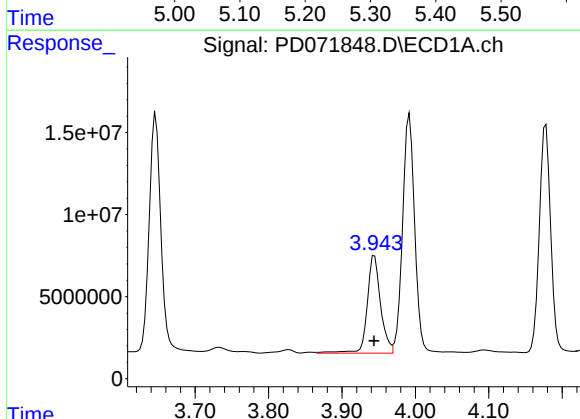
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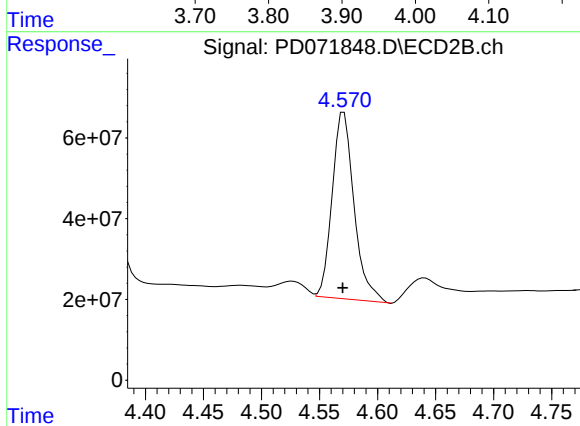
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 959602945
Conc: 47.34 ng/ml



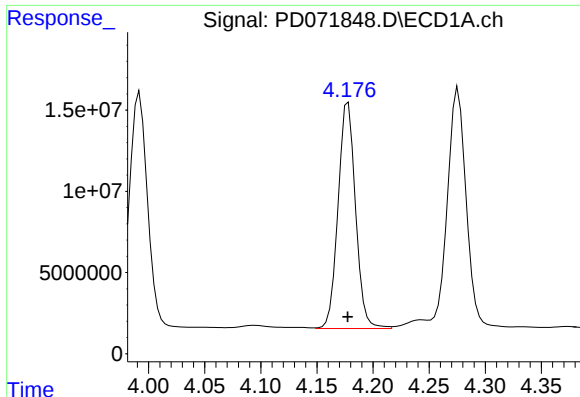
#6 beta-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 75185742
Conc: 49.62 ng/ml



#6 beta-BHC

R.T.: 4.571 min
Delta R.T.: 0.001 min
Response: 608070220
Conc: 46.01 ng/ml



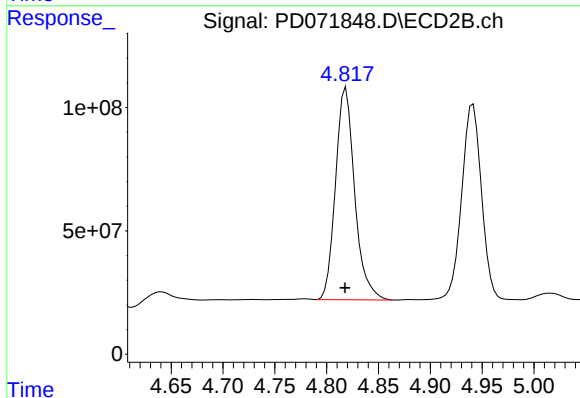
#7 delta-BHC

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 150615789
Conc: 42.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

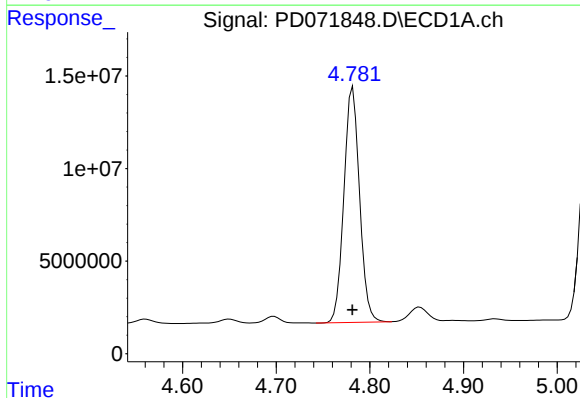
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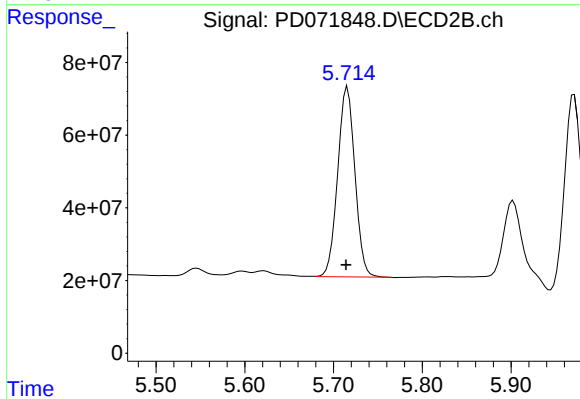
#7 delta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 1106731266
Conc: 47.35 ng/ml



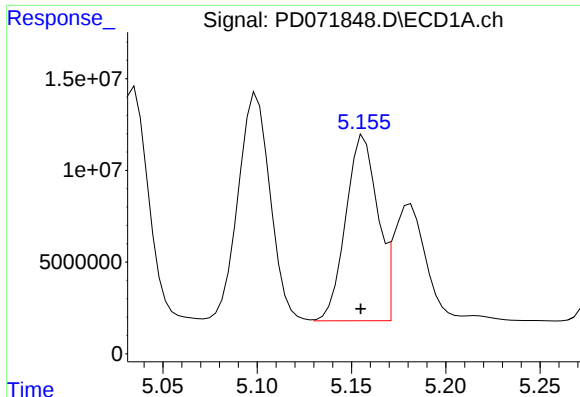
#8 Heptachlor epoxide

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 147497471
Conc: 45.11 ng/ml



#8 Heptachlor epoxide

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 705657444
Conc: 45.76 ng/ml m



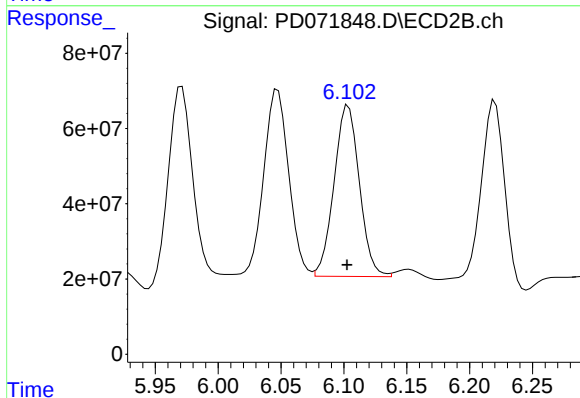
#9 Endosulfan I

R.T.: 5.157 min
Delta R.T.: 0.002 min
Response: 118631908
Conc: 37.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

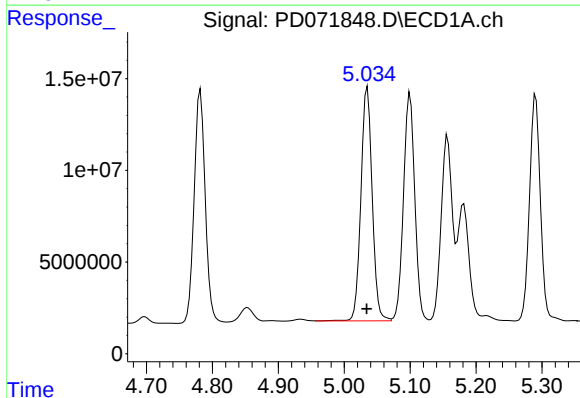
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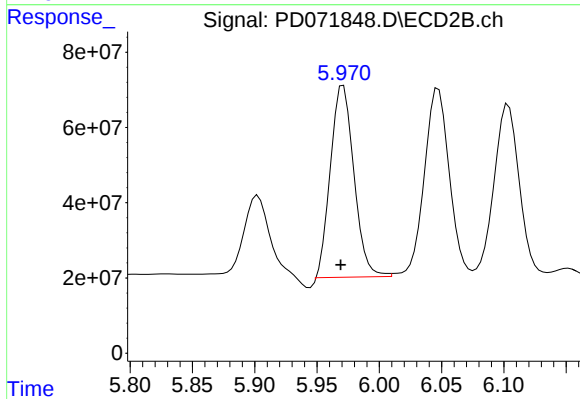
#9 Endosulfan I

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 636006500
Conc: 43.14 ng/ml m



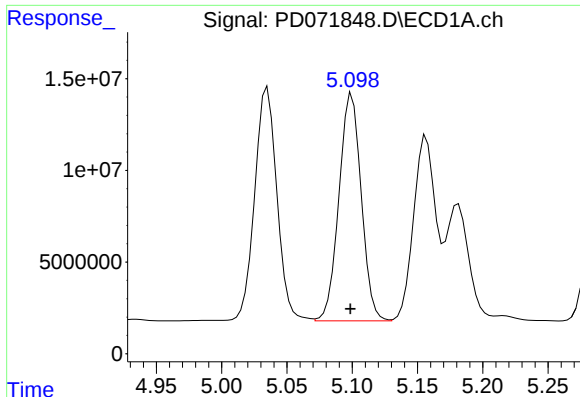
#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 151877595
Conc: 45.05 ng/ml



#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 668286812
Conc: 41.59 ng/ml m



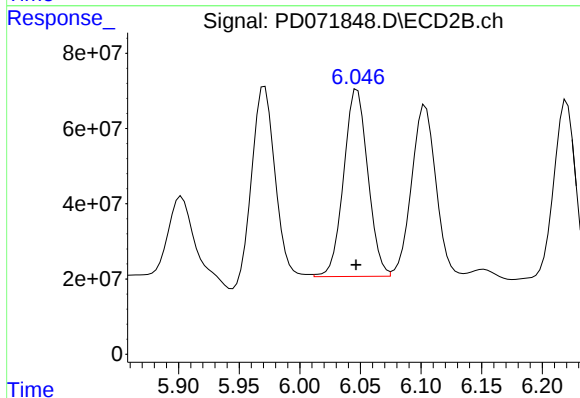
#11 alpha-Chlordane

R.T.: 5.100 min
Delta R.T.: 0.001 min
Response: 147453835
Conc: 44.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

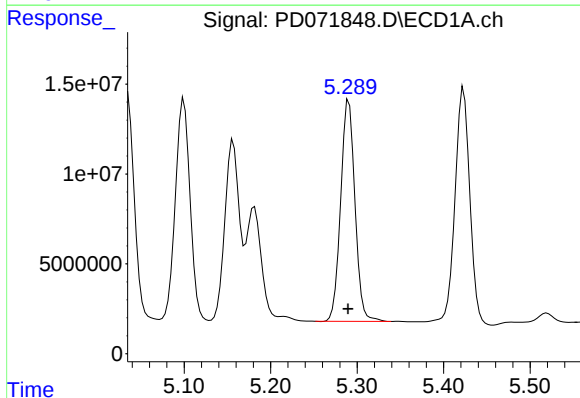
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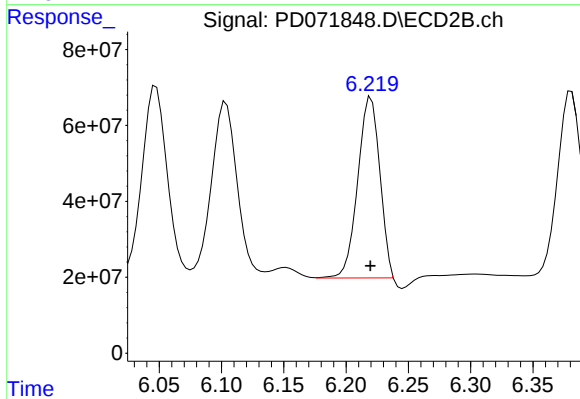
#11 alpha-Chlordane

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 688279170
Conc: 44.11 ng/ml m



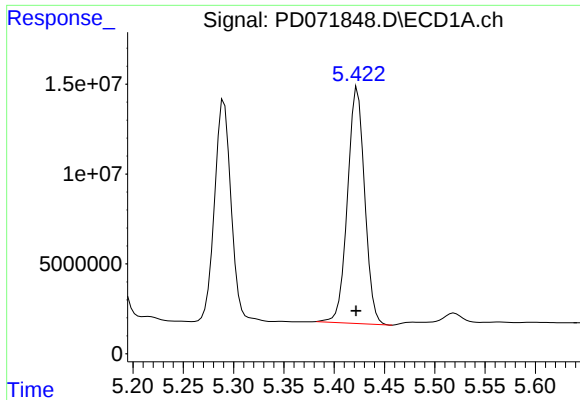
#12 4,4'-DDE

R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 140409907
Conc: 45.89 ng/ml



#12 4,4'-DDE

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 587568392
Conc: 39.89 ng/ml m



#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: 0.001 min
Response: 155673390
Conc: 46.54 ng/ml

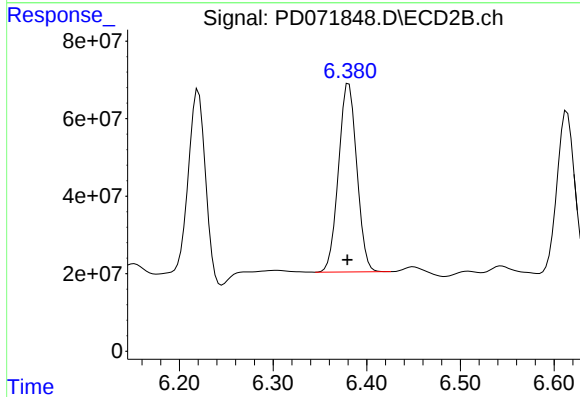
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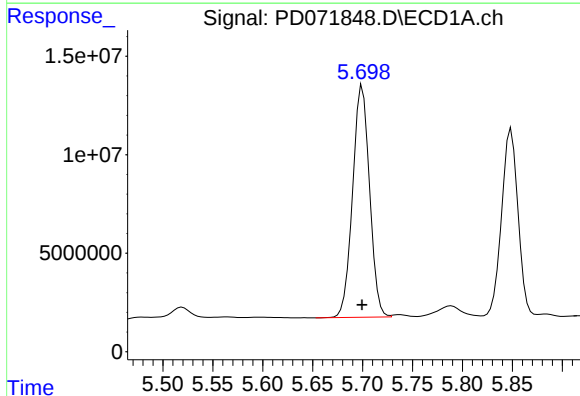
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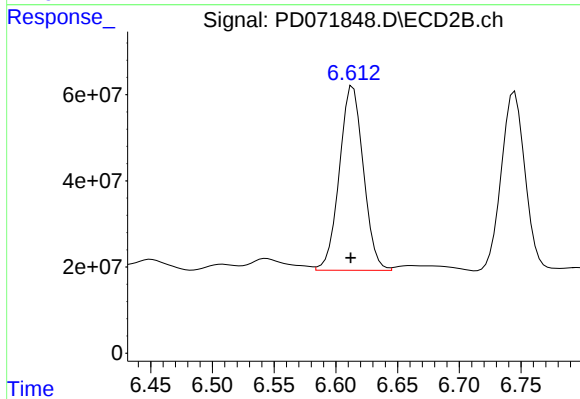
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: 0.001 min
Response: 661446579
Conc: 43.64 ng/ml



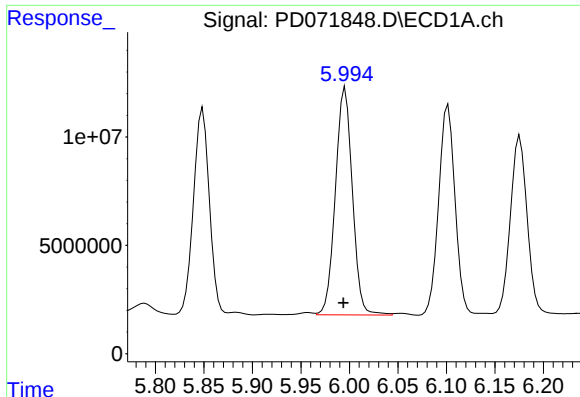
#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 138834093
Conc: 46.86 ng/ml



#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.002 min
Response: 578642705
Conc: 45.81 ng/ml



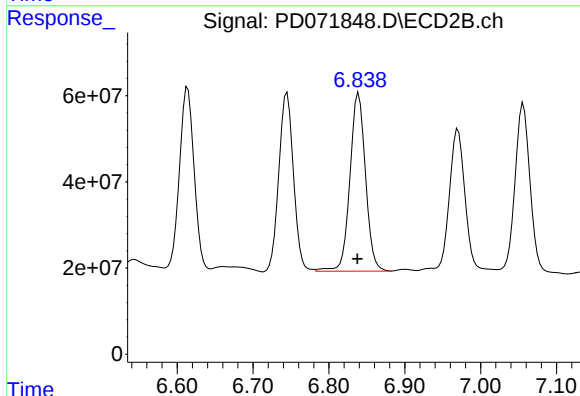
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: 0.002 min
Response: 127776320
Conc: 46.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
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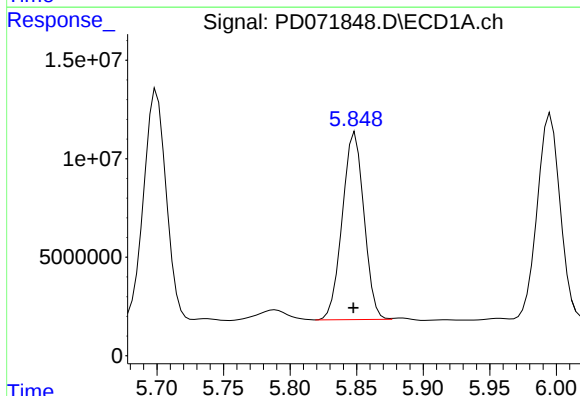
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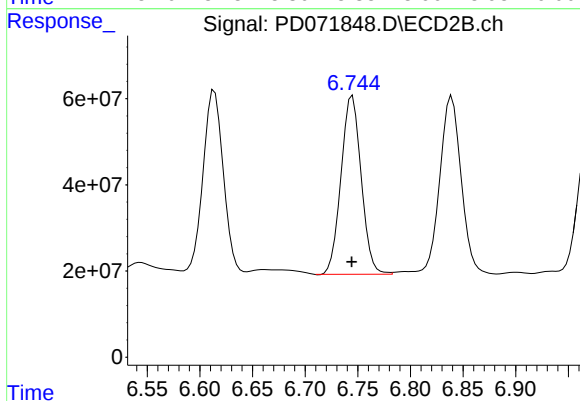
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: 0.001 min
Response: 590937340
Conc: 47.72 ng/ml



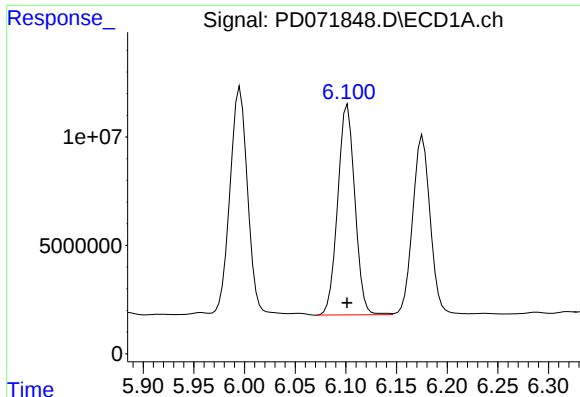
#16 4,4'-DDD

R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 107753072
Conc: 42.50 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 554311901
Conc: 46.64 ng/ml



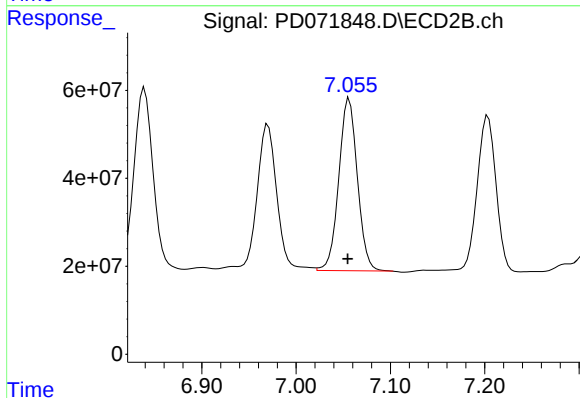
#17 4,4'-DDT

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 114322860
Conc: 43.44 ng/ml

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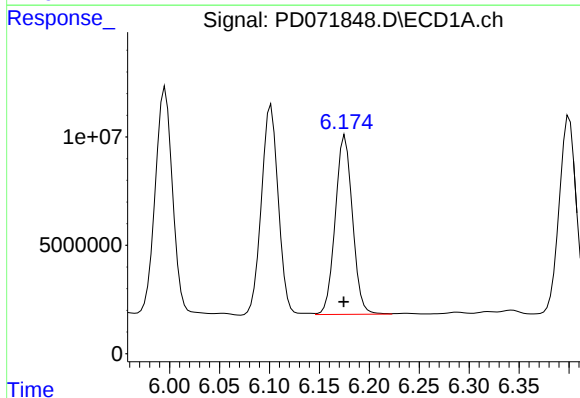
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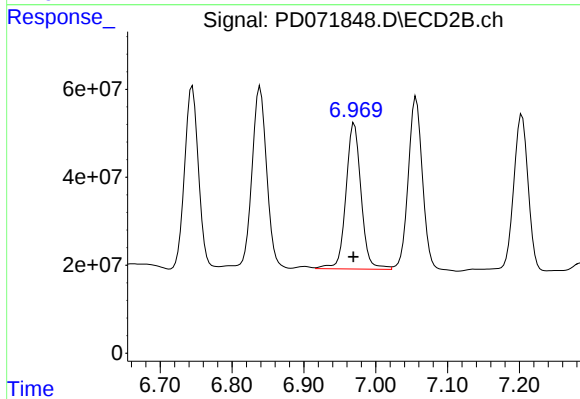
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 536841379
Conc: 43.46 ng/ml



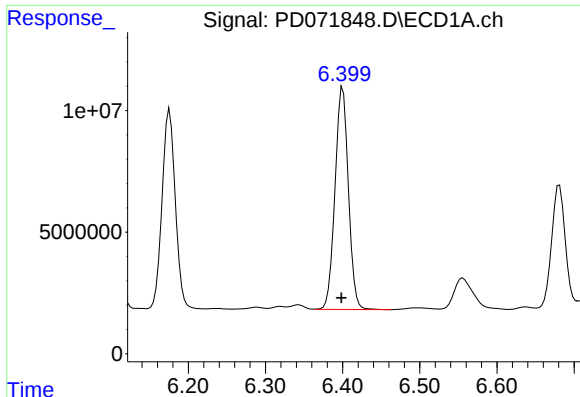
#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 99231962
Conc: 44.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.970 min
Delta R.T.: 0.001 min
Response: 484505033
Conc: 50.18 ng/ml



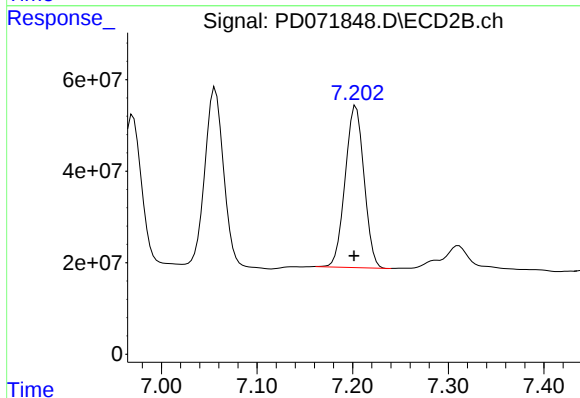
#19 Endosulfan Sulfate

R.T.: 6.400 min
Delta R.T.: 0.002 min
Response: 110585341
Conc: 41.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

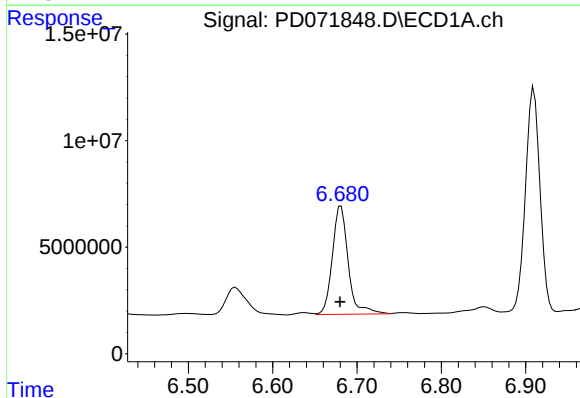
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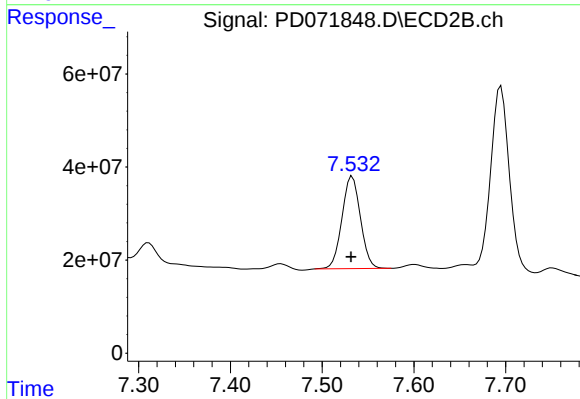
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.002 min
Response: 485464976
Conc: 43.53 ng/ml



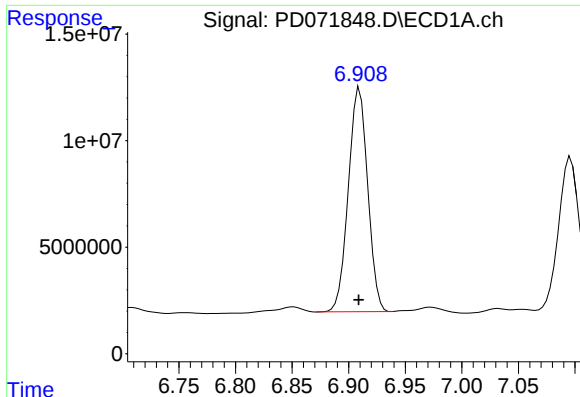
#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.001 min
Response: 66587153
Conc: 44.47 ng/ml



#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.001 min
Response: 277049122
Conc: 45.57 ng/ml



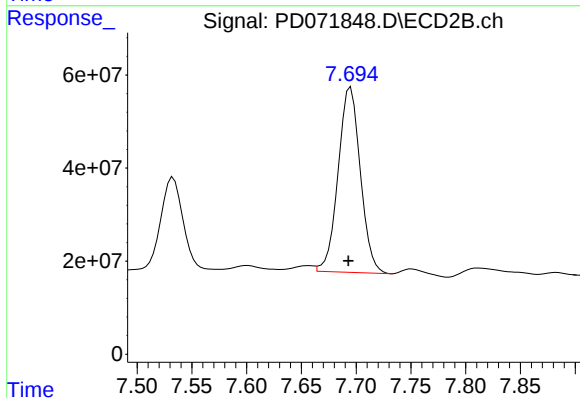
#21 Endrin ketone

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 125297511
Conc: 41.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

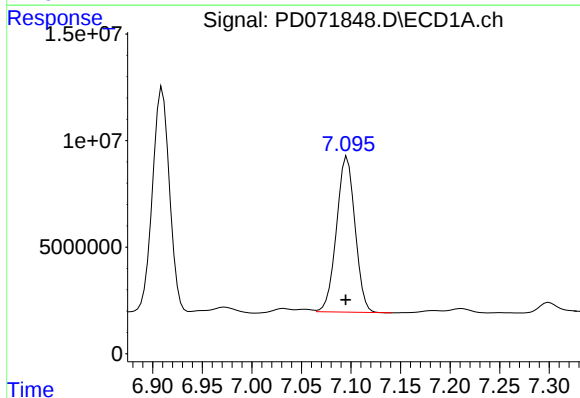
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/14/2022
Supervised By :Ankita Jodhani 09/14/2022



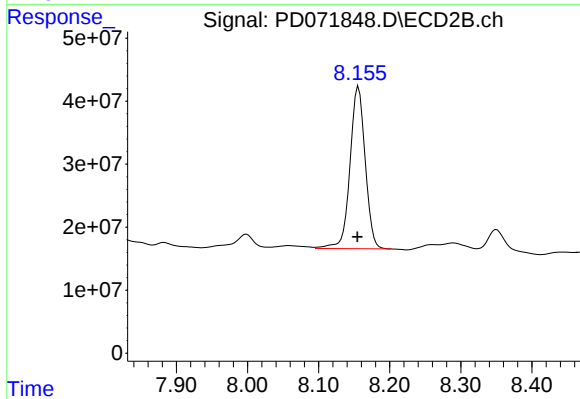
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: 0.002 min
Response: 561471217
Conc: 45.14 ng/ml



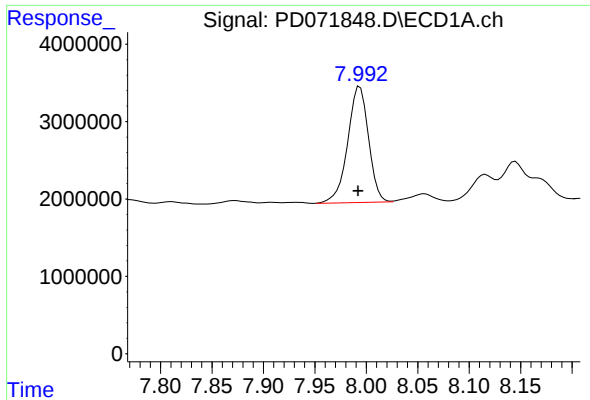
#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.001 min
Response: 94693094
Conc: 40.18 ng/ml



#22 Mirex

R.T.: 8.156 min
Delta R.T.: 0.002 min
Response: 382682679
Conc: 44.19 ng/ml



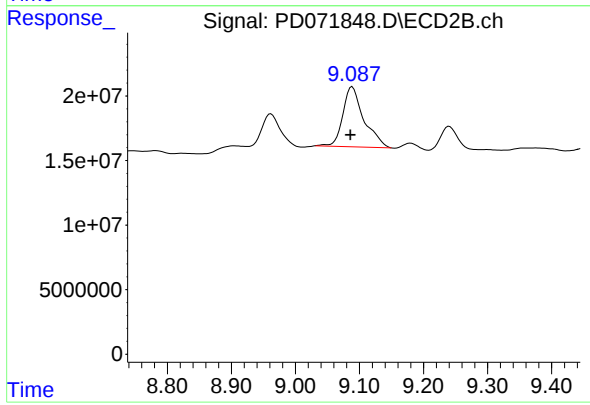
#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 21172770
Conc: 8.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSC-124037MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.003 min
Response: 106017789
Conc: 11.40 ng/ml