

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
 Data File : PD079408.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 11:27
 Operator : AR\AJ
 Sample : PB156870BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB156870BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 00:14:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.572	2.802	24250174	36588694	15.019	15.803
28) SA Decachlor...	9.119	7.951	31562882	45700834	15.734	18.749
Target Compounds						
2) A alpha-BHC	4.029	3.305	21513957	30499346	8.082	8.796
3) MA gamma-BHC...	4.362	3.636	20733187	30467148	7.978	8.972
4) MA Heptachlor	4.954	3.979	22964191	30962146	8.585m	10.138
5) MB Aldrin	5.299	4.258	21632427	30624665	8.395	9.362m
6) B beta-BHC	4.556	3.931	10362865	14729148	9.671	10.453
7) B delta-BHC	4.804	4.162	22081582	31987539	8.248m	9.554
8) B Heptachlo...	5.724	4.761	22618682	28094072	9.651m	9.476
9) A Endosulfan I	6.111	5.131	18733402	24026415	8.641m	9.074m
10) B gamma-Chl...	5.980	5.011	20050420	27440541	8.745m	9.563m
11) B alpha-Chl...	6.061	5.077	20753114	27263192	9.101	9.500
12) B 4,4'-DDE	6.231	5.266	17227385	24889899	8.153	9.349
13) MA Dieldrin	6.387	5.397	18667577	27477704	8.016	9.252
14) MA Endrin	6.617	5.673	15626915	25638323	8.024	10.018
15) B Endosulfa...	6.833	5.965	16250221	23203953	7.967m	9.295
16) A 4,4'-DDD	6.746	5.819	13647145	21784857	7.763m	9.537
17) MA 4,4'-DDT	7.063	6.071	14317207	20710503	7.561	9.046
18) B Endrin al...	6.963	6.145	11159488	17069677	7.226m	9.181 #
19) B Endosulfa...	7.199	6.366	16568867	23493764	8.334	10.062
20) A Methoxychlor	7.537	6.645	8616807	12450354	7.864	9.171m
21) B Endrin ke...	7.686	6.873	19018157	25281629	8.723	9.043
22) Mirex	8.161	7.059	18150657	26533365	10.723	12.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110523\
Data File : PD079408.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Nov 2023 11:27
Operator : AR\AJ
Sample : PB156870BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

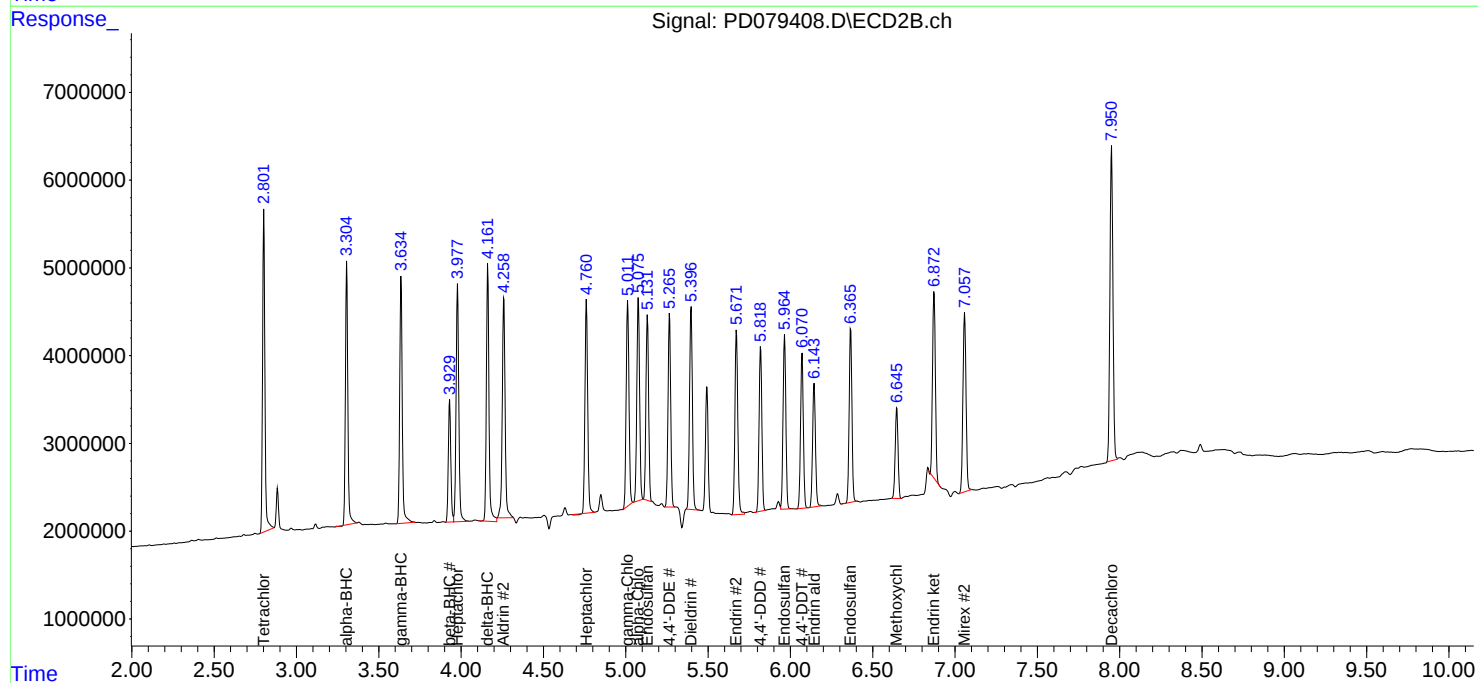
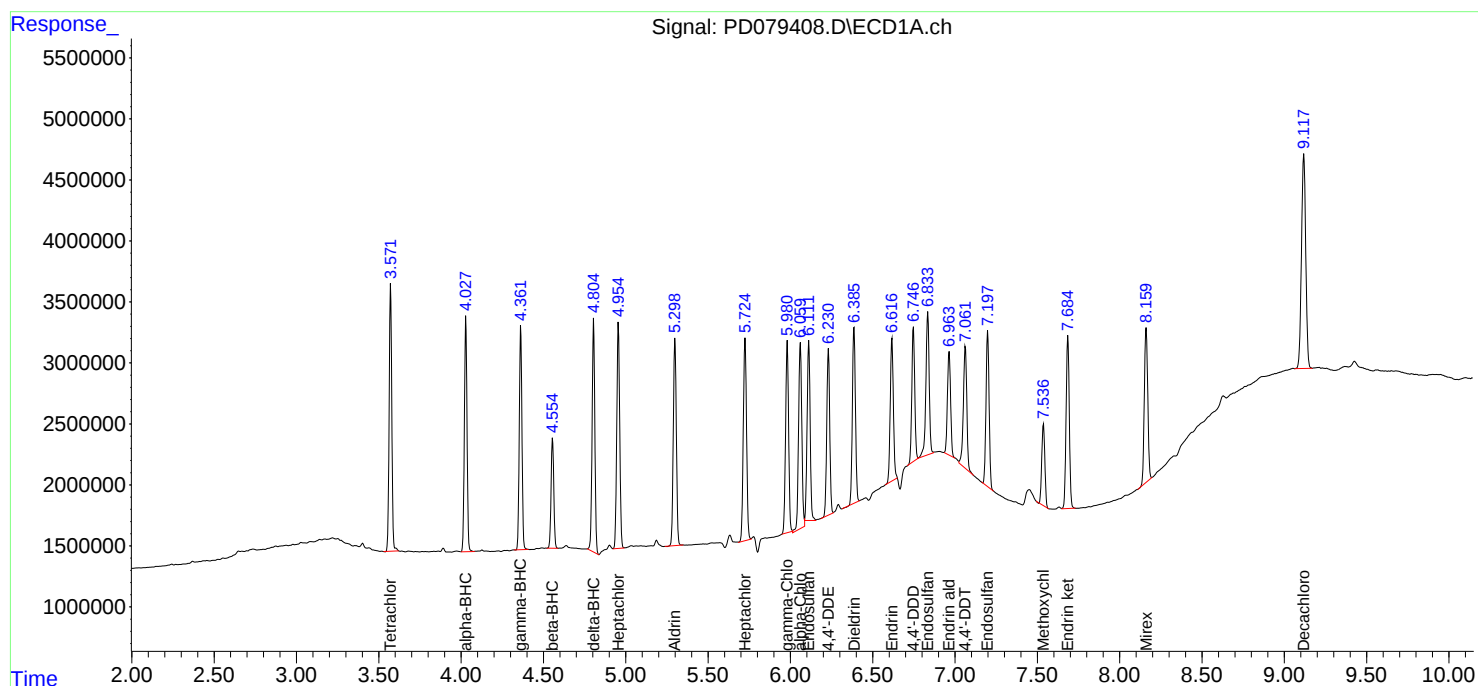
Instrument :
ECD_D
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PB156870BS

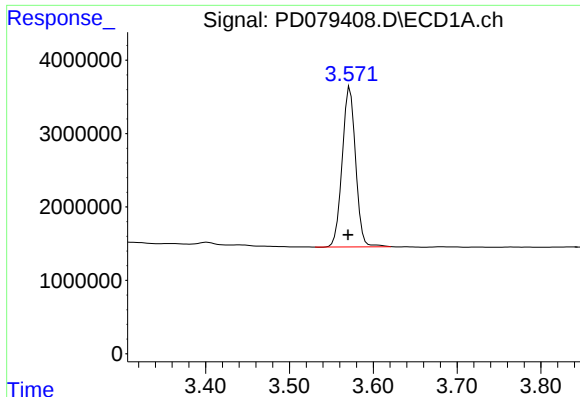
Manual Integrations
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Supervised By :mohammad ahmed 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 00:14:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





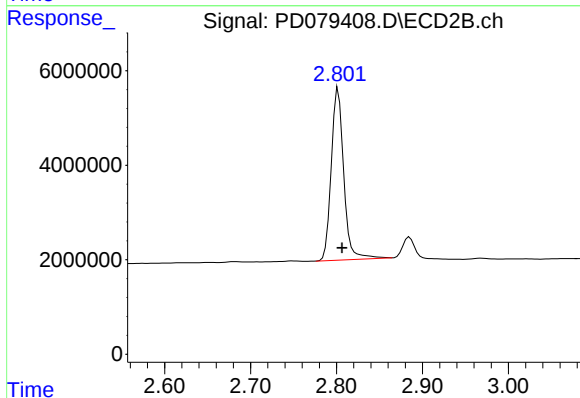
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.002 min
Response: 24250174
Conc: 15.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

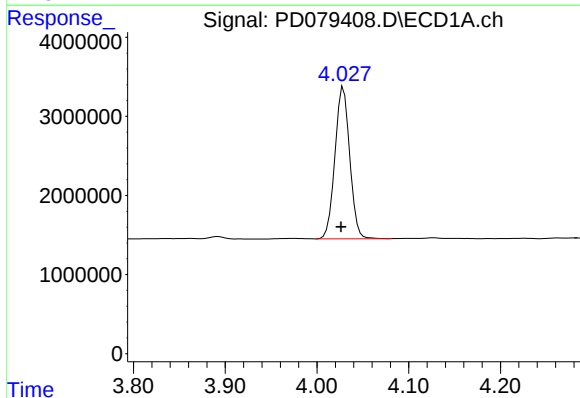
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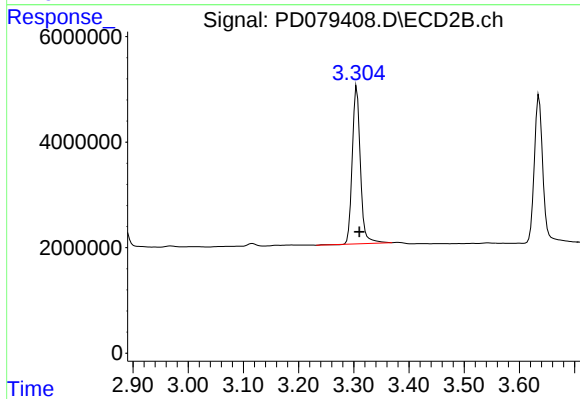
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: -0.004 min
Response: 36588694
Conc: 15.80 ng/ml



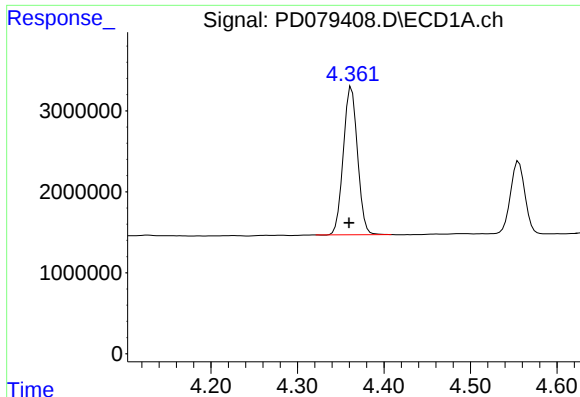
#2 alpha-BHC

R.T.: 4.029 min
Delta R.T.: 0.003 min
Response: 21513957
Conc: 8.08 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: -0.004 min
Response: 30499346
Conc: 8.80 ng/ml



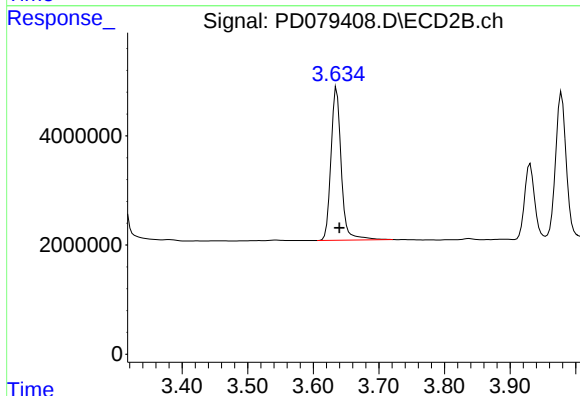
#3 gamma-BHC (Lindane)

R.T.: 4.362 min
Delta R.T.: 0.003 min
Response: 20733187
Conc: 7.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

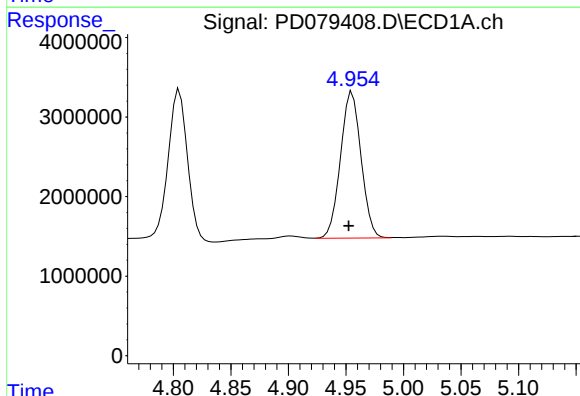
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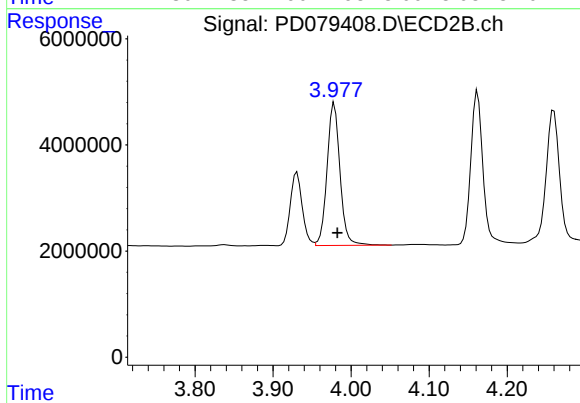
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 30467148
Conc: 8.97 ng/ml



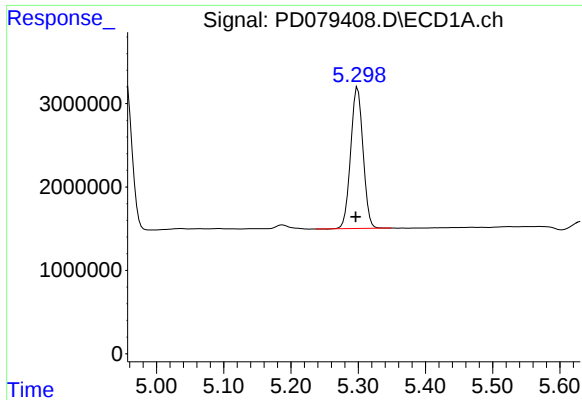
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 22964191
Conc: 8.58 ng/ml m



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: -0.004 min
Response: 30962146
Conc: 10.14 ng/ml



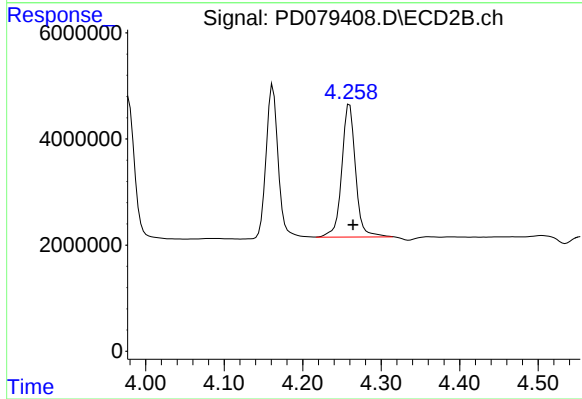
#5 Aldrin

R.T.: 5.299 min
Delta R.T.: 0.003 min
Response: 21632427
Conc: 8.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

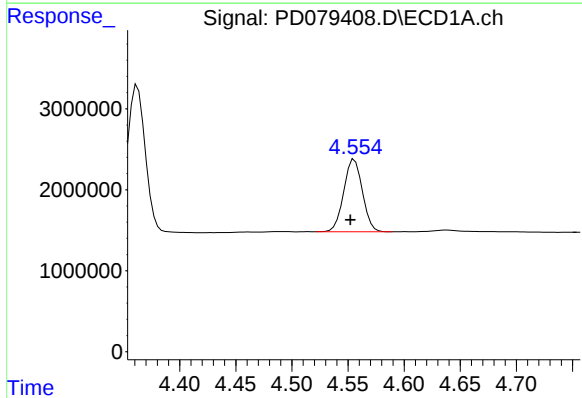
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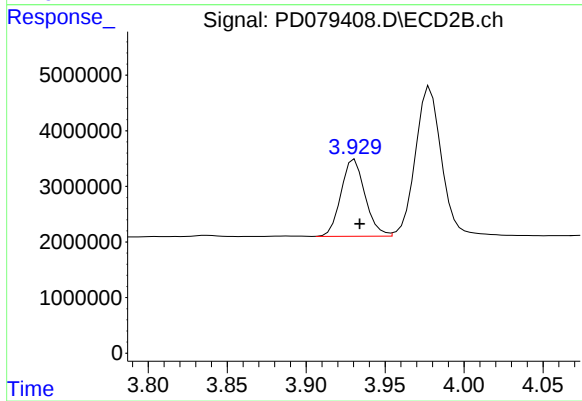
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 30624665
Conc: 9.36 ng/ml m



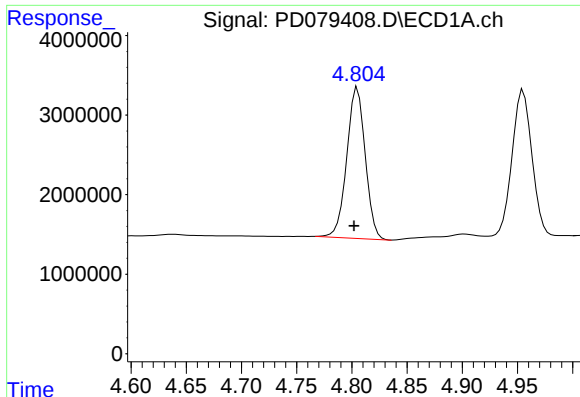
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.004 min
Response: 10362865
Conc: 9.67 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: -0.003 min
Response: 14729148
Conc: 10.45 ng/ml



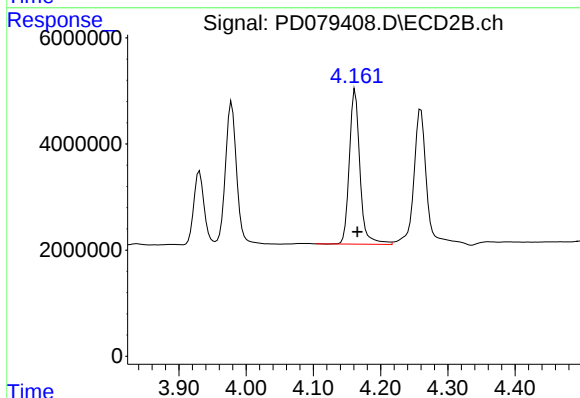
#7 delta-BHC

R.T.: 4.804 min
Delta R.T.: 0.002 min
Response: 22081582
Conc: 8.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

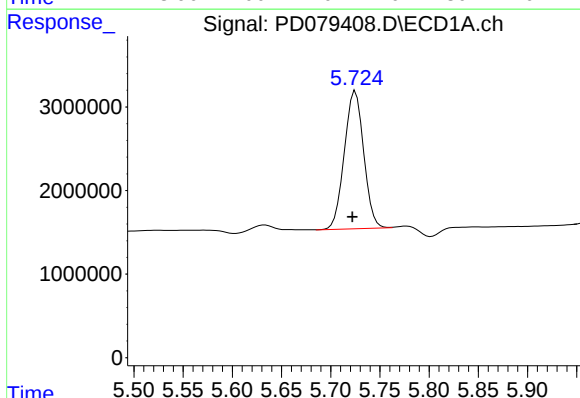
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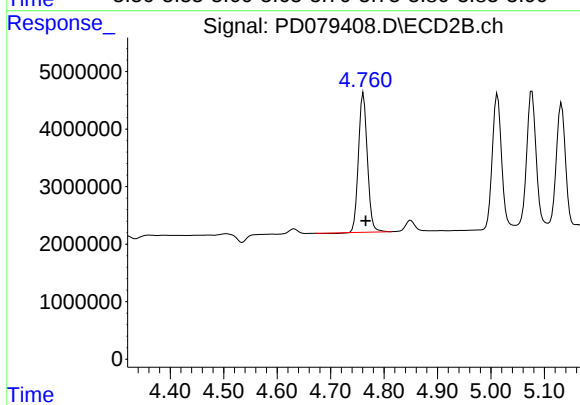
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.003 min
Response: 31987539
Conc: 9.55 ng/ml



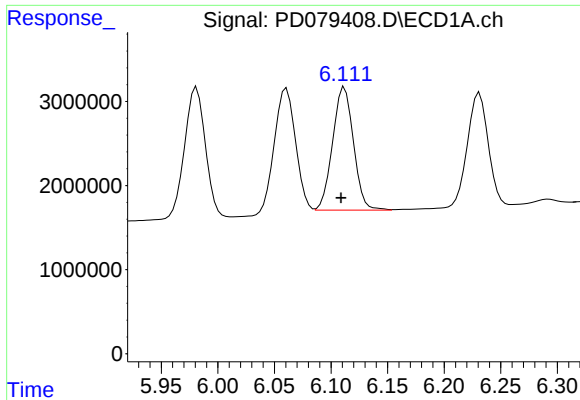
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.002 min
Response: 22618682
Conc: 9.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: -0.004 min
Response: 28094072
Conc: 9.48 ng/ml



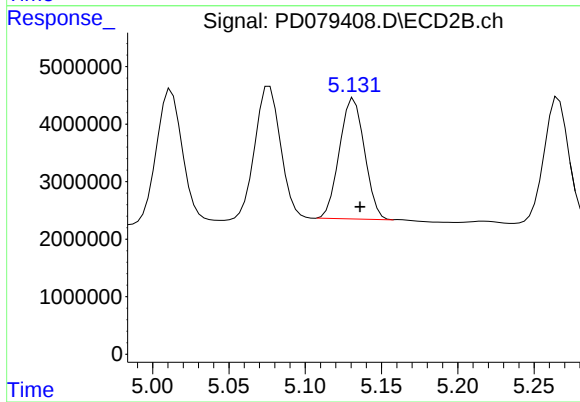
#9 Endosulfan I

R.T.: 6.111 min
Delta R.T.: 0.002 min
Response: 18733402
Conc: 8.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

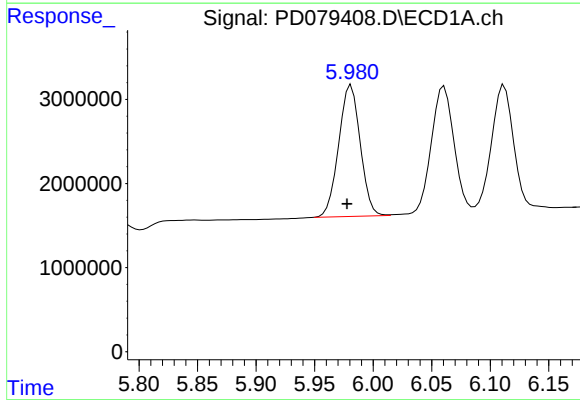
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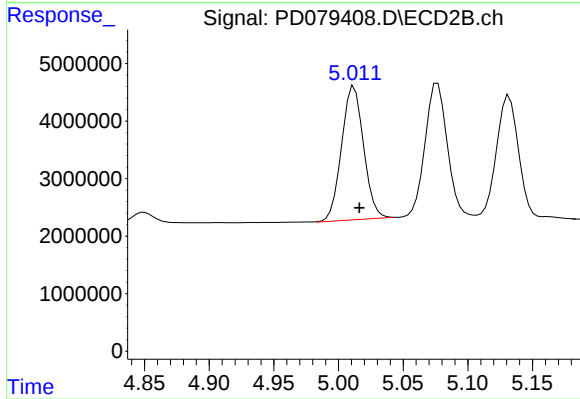
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: -0.005 min
Response: 24026415
Conc: 9.07 ng/ml m



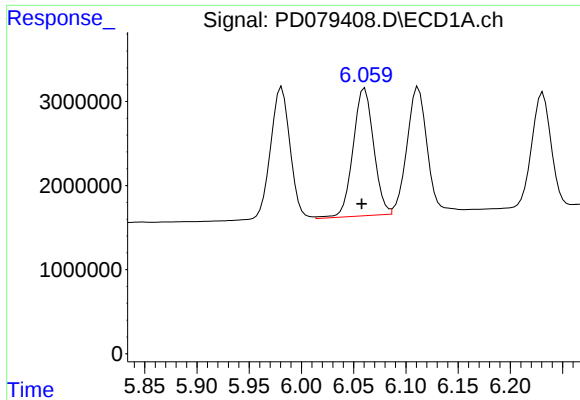
#10 gamma-Chlordane

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 20050420
Conc: 8.75 ng/ml m



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 27440541
Conc: 9.56 ng/ml m



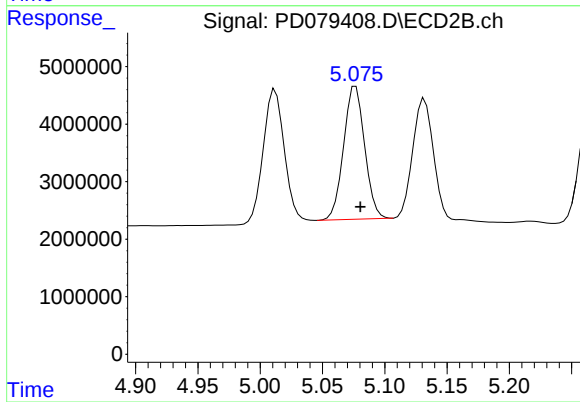
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.003 min
Response: 20753114
Conc: 9.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

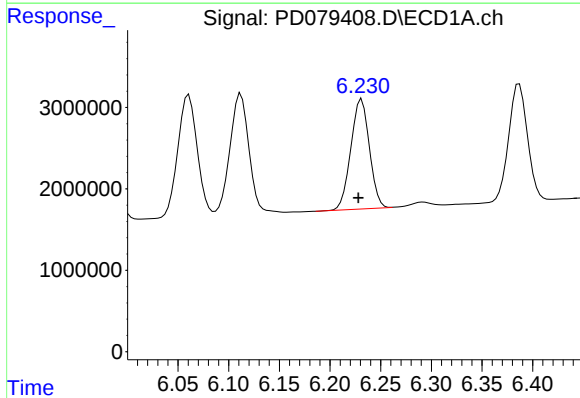
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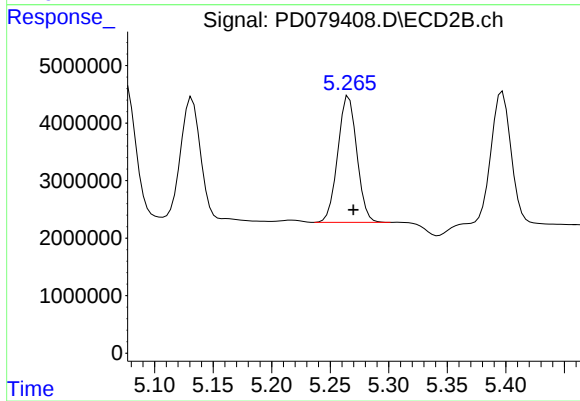
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 27263192
Conc: 9.50 ng/ml



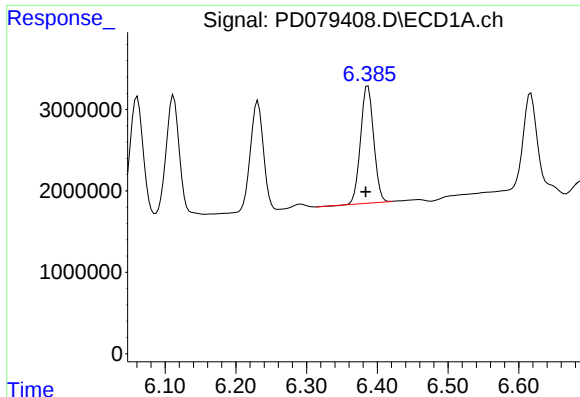
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.003 min
Response: 17227385
Conc: 8.15 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: -0.004 min
Response: 24889899
Conc: 9.35 ng/ml



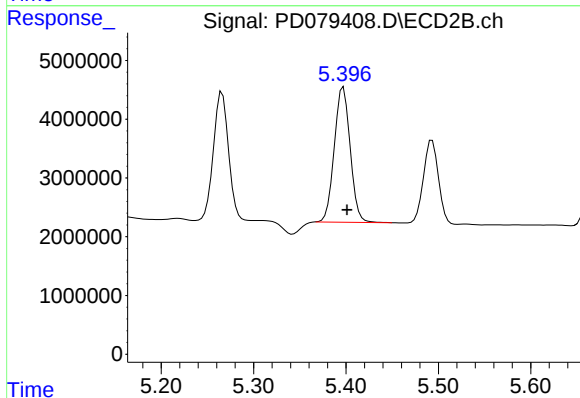
#13 Dieldrin

R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 18667577
Conc: 8.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

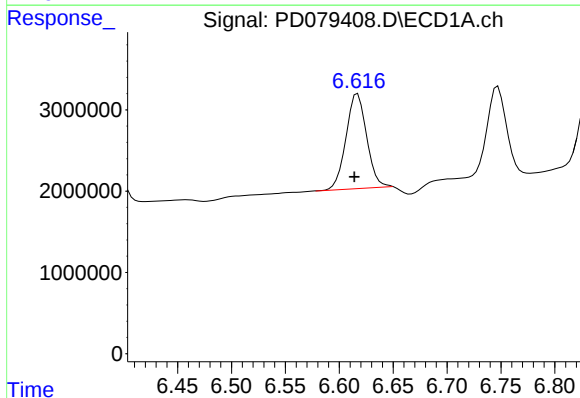
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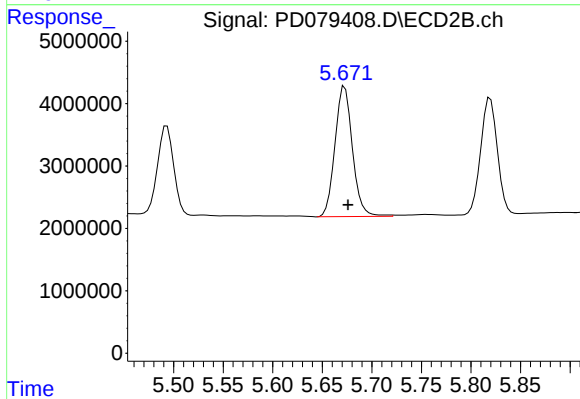
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 27477704
Conc: 9.25 ng/ml



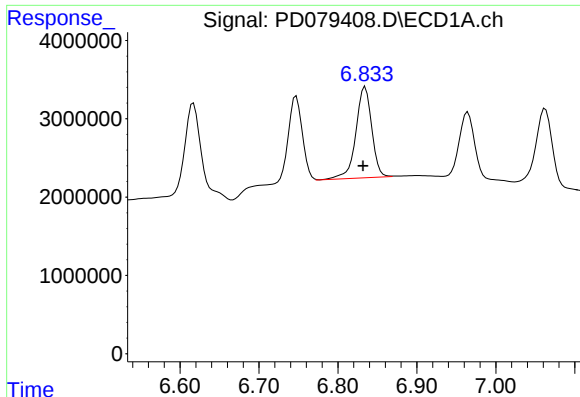
#14 Endrin

R.T.: 6.617 min
Delta R.T.: 0.003 min
Response: 15626915
Conc: 8.02 ng/ml



#14 Endrin

R.T.: 5.673 min
Delta R.T.: -0.004 min
Response: 25638323
Conc: 10.02 ng/ml



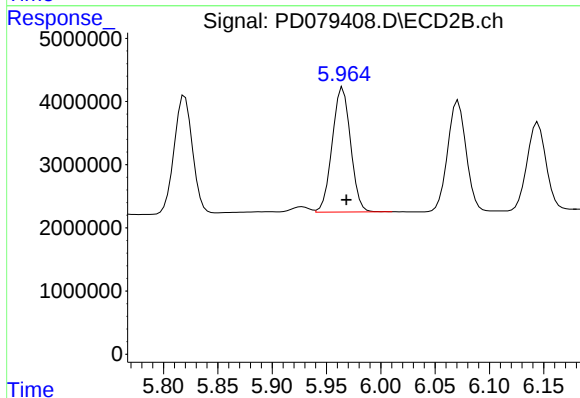
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.001 min
Response: 16250221
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

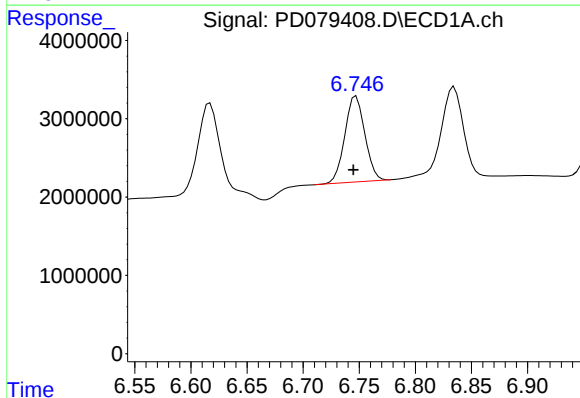
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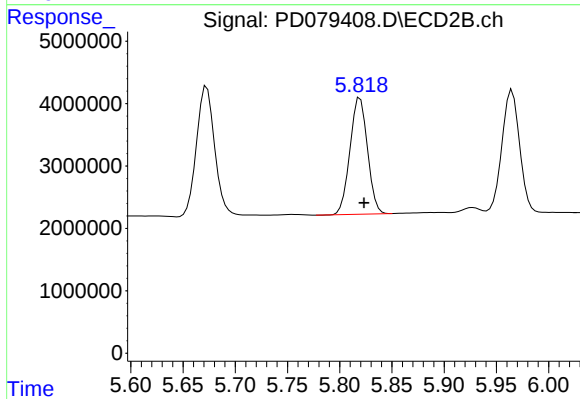
#15 Endosulfan II

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 23203953
Conc: 9.29 ng/ml



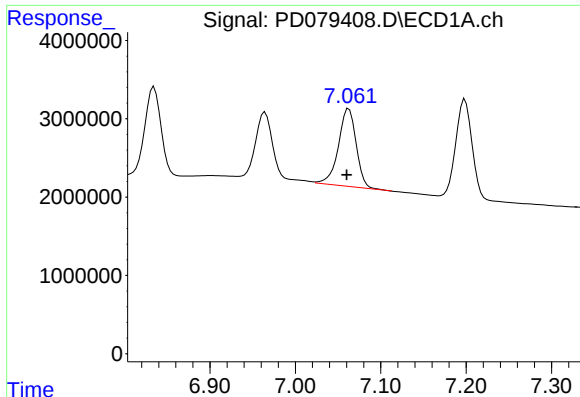
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 13647145
Conc: 7.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: -0.004 min
Response: 21784857
Conc: 9.54 ng/ml



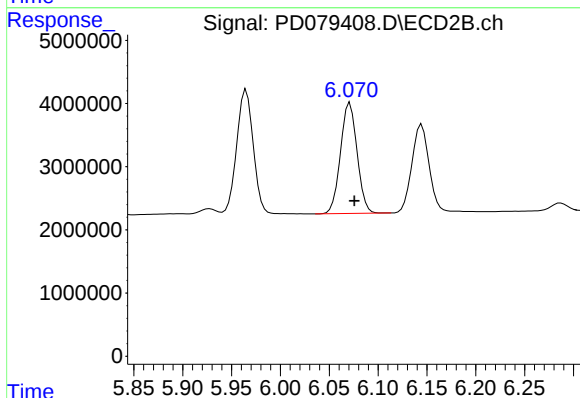
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.003 min
Response: 14317207
Conc: 7.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

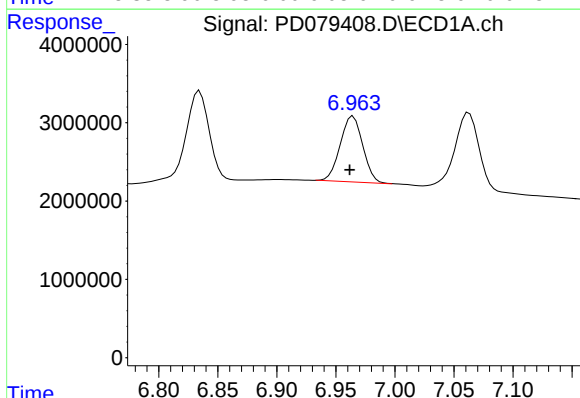
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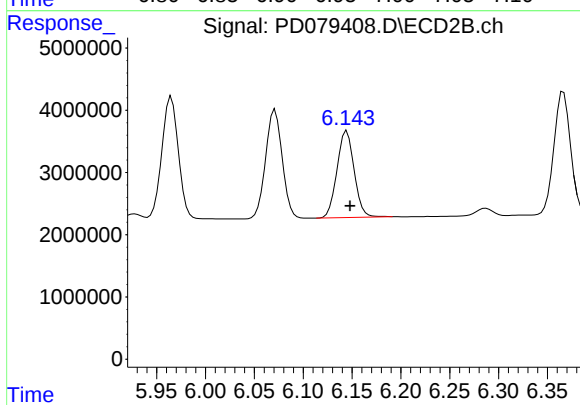
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 20710503
Conc: 9.05 ng/ml



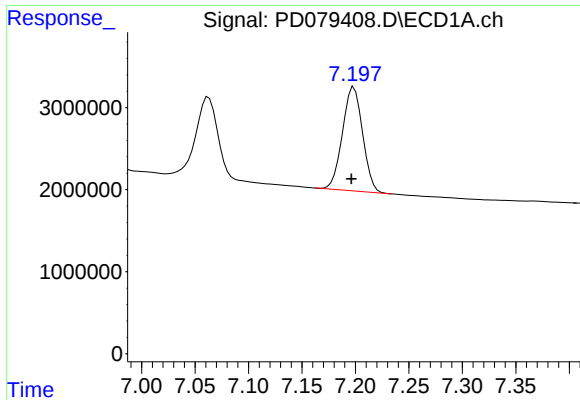
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.002 min
Response: 11159488
Conc: 7.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: -0.003 min
Response: 17069677
Conc: 9.18 ng/ml



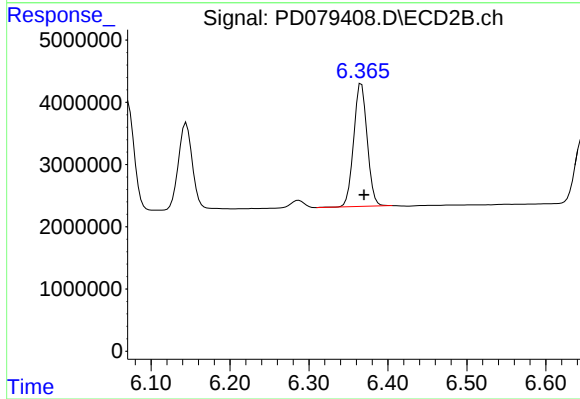
#19 Endosulfan Sulfate

R.T.: 7.199 min
Delta R.T.: 0.002 min
Response: 16568867
Conc: 8.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

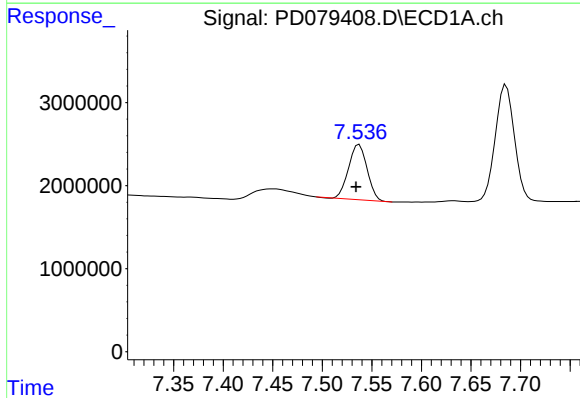
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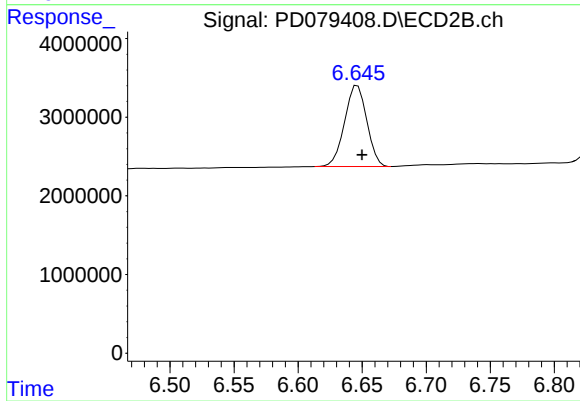
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 23493764
Conc: 10.06 ng/ml



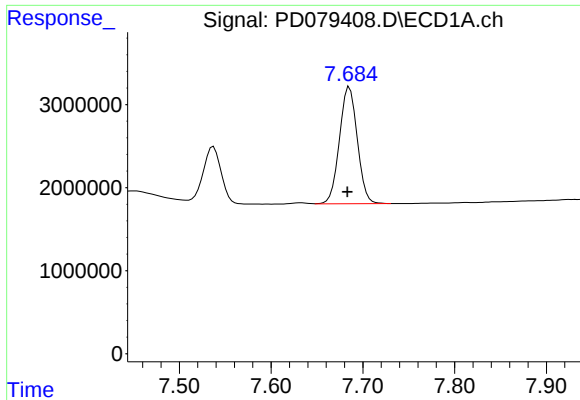
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 8616807
Conc: 7.86 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: -0.005 min
Response: 12450354
Conc: 9.17 ng/ml m



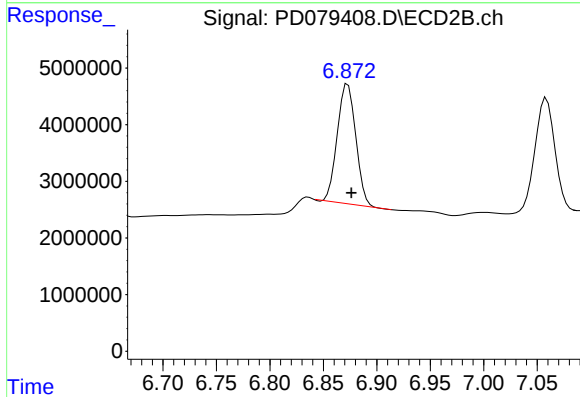
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 19018157
Conc: 8.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

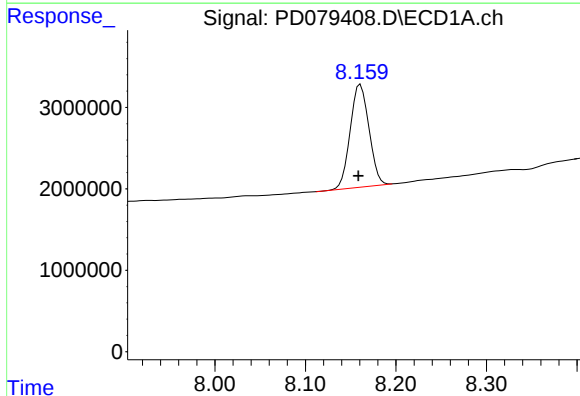
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Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



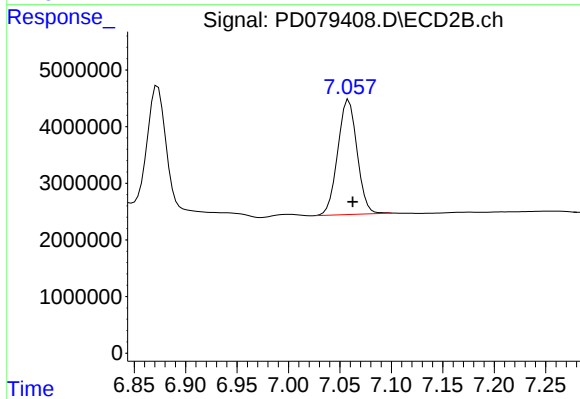
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 25281629
Conc: 9.04 ng/ml



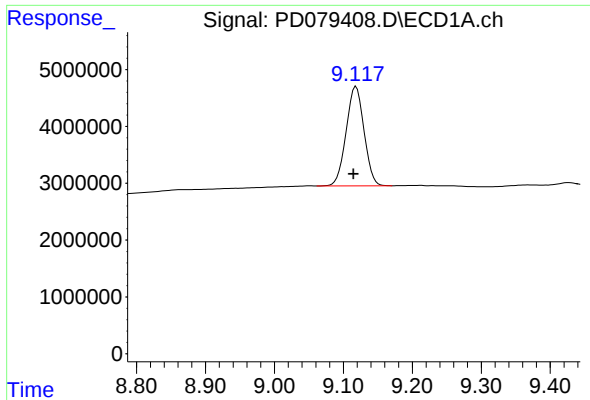
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 18150657
Conc: 10.72 ng/ml



#22 Mirex

R.T.: 7.059 min
Delta R.T.: -0.004 min
Response: 26533365
Conc: 12.42 ng/ml



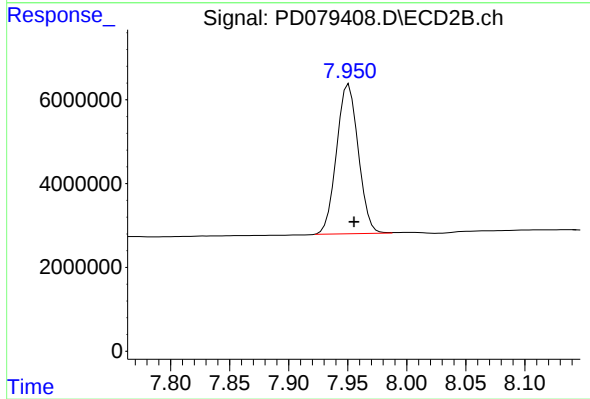
#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.004 min
Response: 31562882
Conc: 15.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB156870BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2023
Supervised By :mohammad ahmed 11/06/2023



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: -0.005 min
Response: 45700834
Conc: 18.75 ng/ml