

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020124\
 Data File : PD080998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2024 10:35
 Operator : AR\AJ
 Sample : P1297-01MSD 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TR-05-013024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/02/2024
 Supervised By :Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 20:49:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.567	2.796	3286334	6044984	2.315m	2.527
2) SA Decachlor...	9.113	7.934	3115149	5280914	1.548	1.983 #
Target Compounds						
2) A alpha-BHC	4.026	3.297	10253702	17808825	4.128	4.641
3) MA gamma-BHC...	4.358	3.627	10163880	18269945	4.153m	4.886
4) MA Heptachlor	4.951	3.968	11980371	17499992	4.858m	5.075
5) MB Aldrin	5.295	4.241	11103546	4629805	4.524	1.271m#
6) B beta-BHC	4.554	3.922	4817870	8539849	4.761	5.465
7) B delta-BHC	4.802	4.151	12858434	16833253	5.125	4.485m
8) B Heptachlo...	5.719	4.750	10799114	15941859	4.823m	4.760
9) A Endosulfan I	6.107	5.121	10280487	12128212	4.957m	3.960
10) B gamma-Chl...	5.976	5.000	10534322	16445231	4.812m	5.028
11) B alpha-Chl...	6.056	5.064	10712756	15910107	4.920m	4.866
12) B 4,4'-DDE	6.227	5.253	8052823	14627259	3.957	4.775
13) MA Dieldrin	6.383	5.383	11525570	19027232	5.216	5.595m
14) MA Endrin	6.613	5.658	7727653	15785668	4.137m	5.327m#
15) B Endosulfa...	6.831	5.951	10190588	15753777	5.263	5.478m
16) A 4,4'-DDD	6.744	5.806	8524939	12486278	5.188	4.756
17) MA 4,4'-DDT	7.060	6.058	8230977	10518282	4.622	3.965
18) B Endrin al...	6.962	6.132	8814698	11570840	5.795	5.132
19) B Endosulfa...	7.197	6.353	9996524	17431611	5.265	6.249m
20) A Methoxychlor	7.534	6.631	4420026	6470186	4.294m	4.134m
21) B Endrin ke...	7.682	6.859	9524966	14263928	4.555m	4.420m
22) Mirex	8.159	7.042	9443893	11910467	5.726	4.726m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020124\
Data File : PD080998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2024 10:35
Operator : AR\AJ
Sample : P1297-01MSD 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

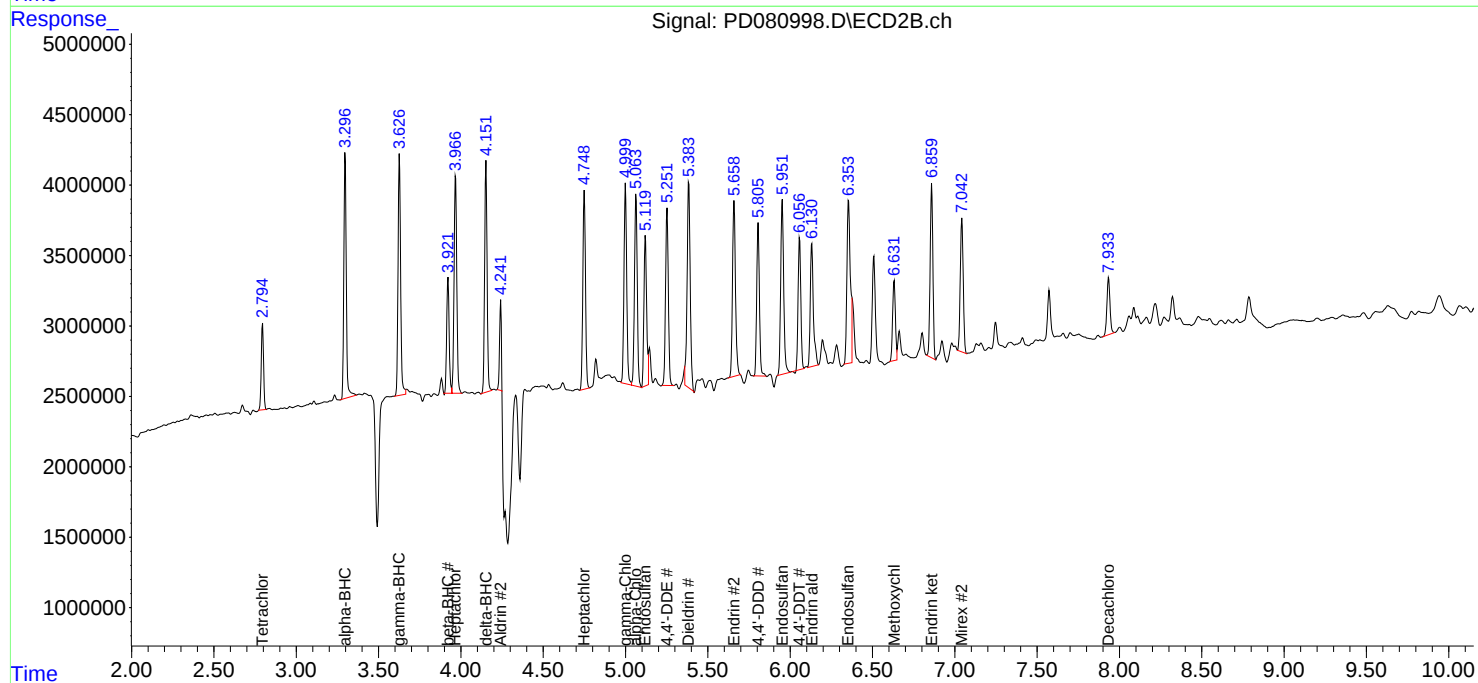
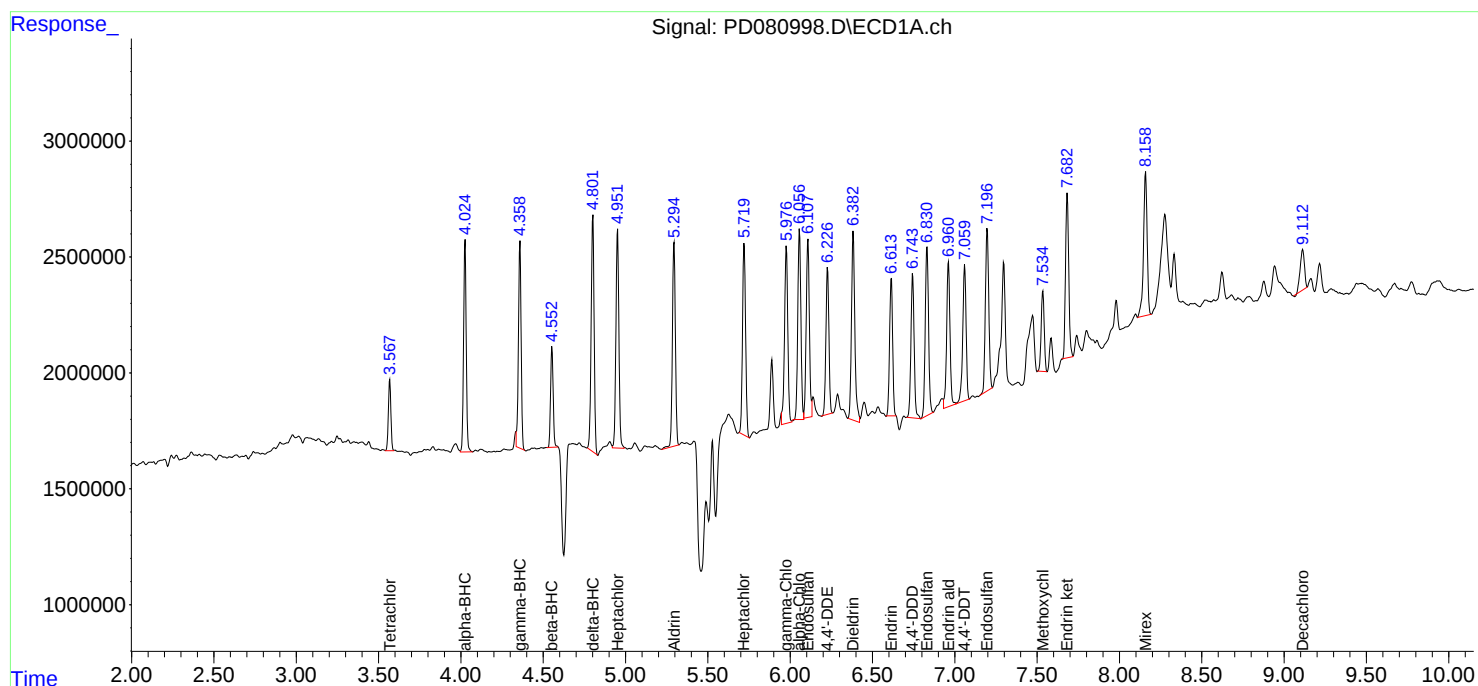
Instrument :
ECD_D
ClientSampleId :
TR-05-013024

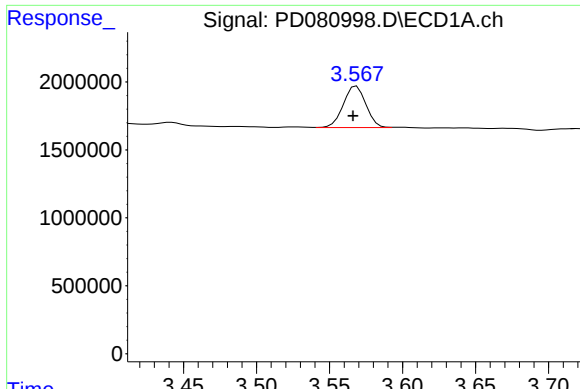
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 02/02/2024
Supervised By : Ankita Jodhani 02/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 20:49:40 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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.: 3.567 min
Delta R.T.: 0.001 min
Response: 3286334
Conc: 2.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

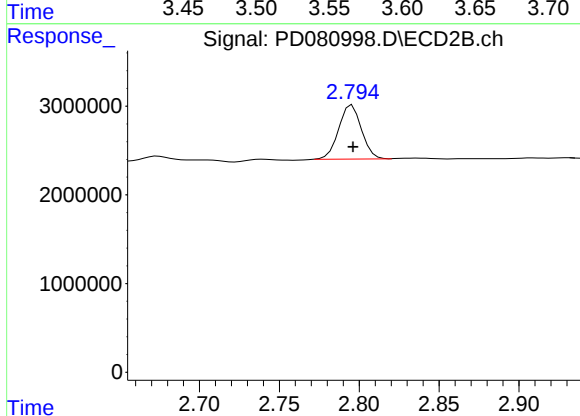
TR-05-013024

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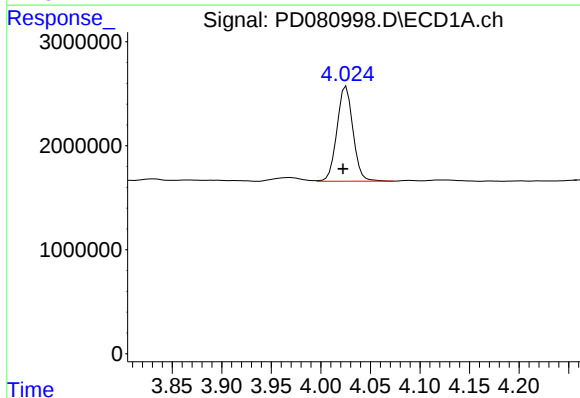
Reviewed By :Abdul Mirza 02/02/2024

Supervised By :Ankita Jodhani 02/02/2024



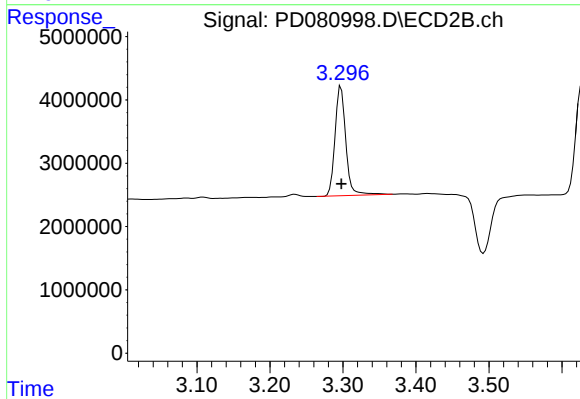
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 6044984
Conc: 2.53 ng/ml



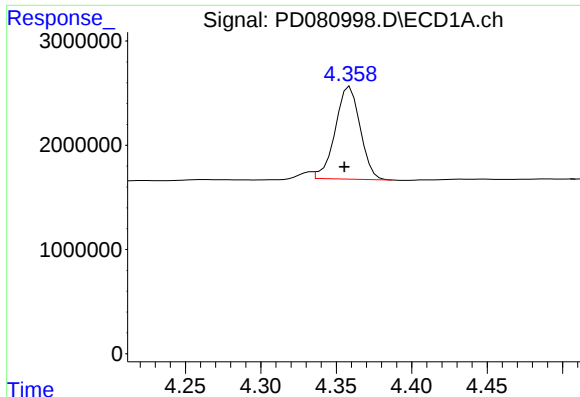
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.003 min
Response: 10253702
Conc: 4.13 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 17808825
Conc: 4.64 ng/ml



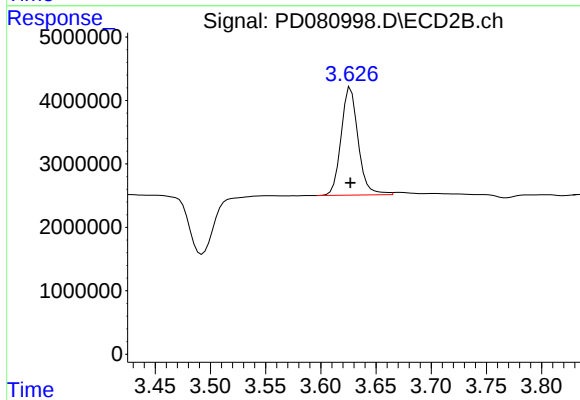
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: 0.002 min
Response: 10163880
Conc: 4.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

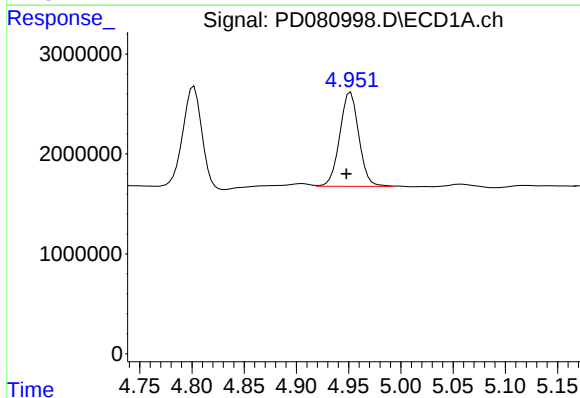
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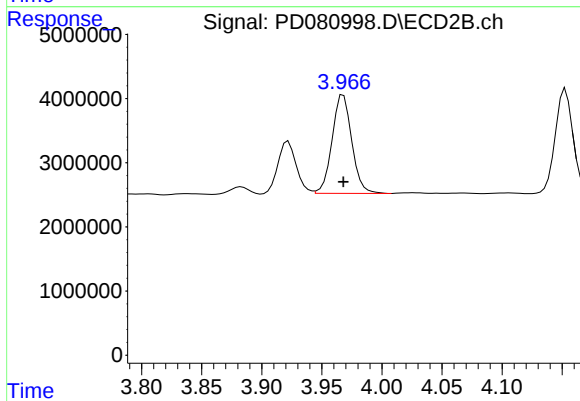
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 18269945
Conc: 4.89 ng/ml



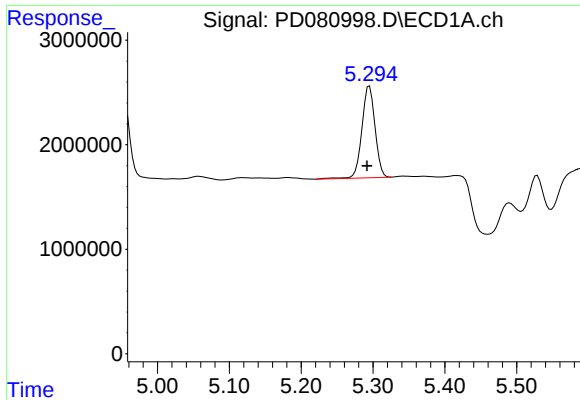
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.003 min
Response: 11980371
Conc: 4.86 ng/ml m



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 17499992
Conc: 5.08 ng/ml



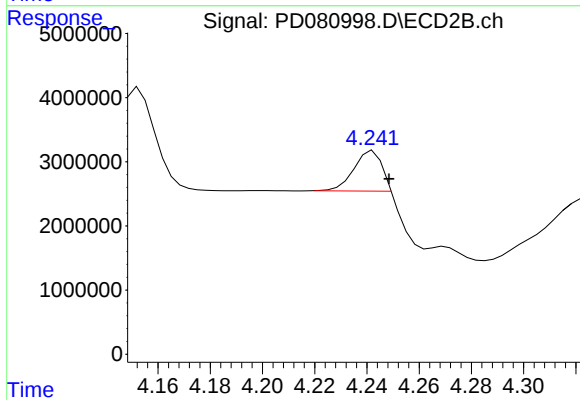
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: 0.003 min
Response: 11103546
Conc: 4.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

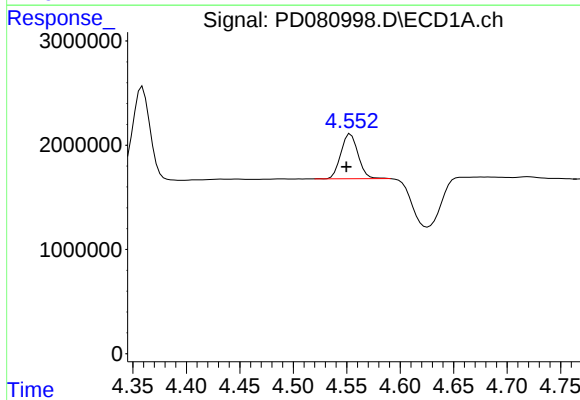
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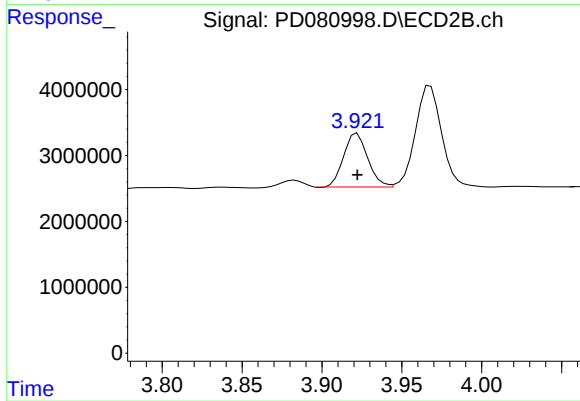
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.007 min
Response: 4629805
Conc: 1.27 ng/ml m



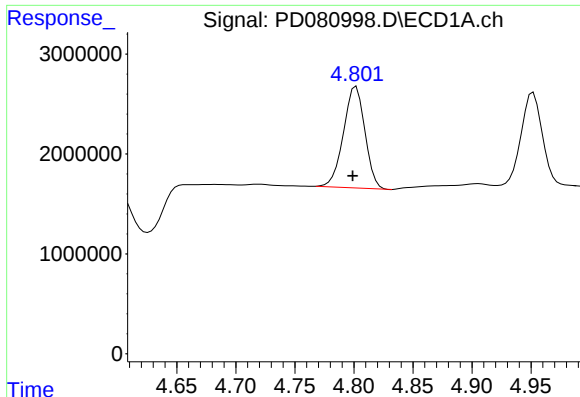
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.004 min
Response: 4817870
Conc: 4.76 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 8539849
Conc: 5.47 ng/ml



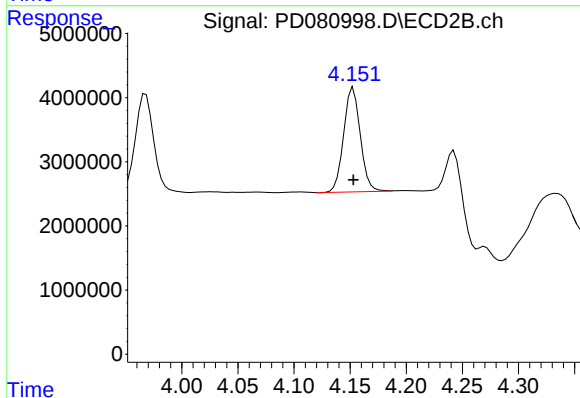
#7 delta-BHC

R.T.: 4.802 min
Delta R.T.: 0.003 min
Response: 12858434
Conc: 5.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

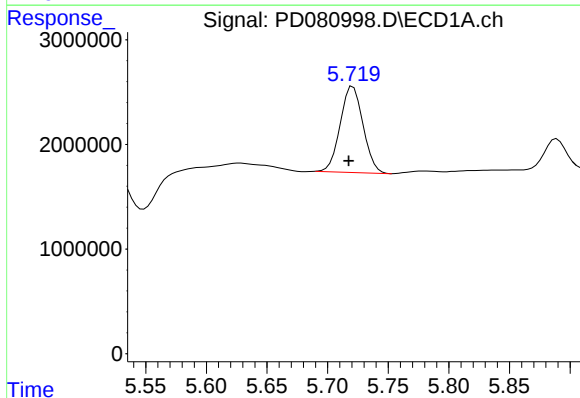
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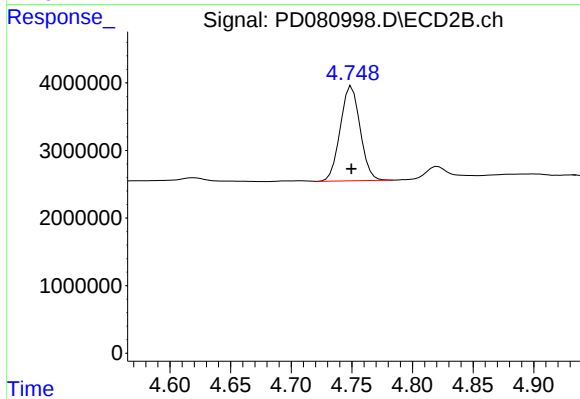
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.001 min
Response: 16833253
Conc: 4.49 ng/ml m



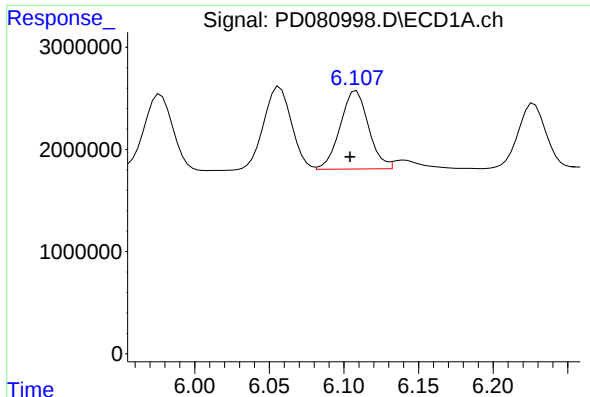
#8 Heptachlor epoxide

R.T.: 5.719 min
Delta R.T.: 0.002 min
Response: 10799114
Conc: 4.82 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 15941859
Conc: 4.76 ng/ml



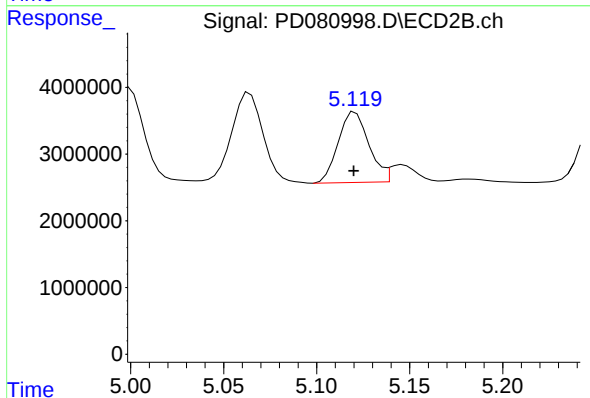
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.003 min
Response: 10280487
Conc: 4.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

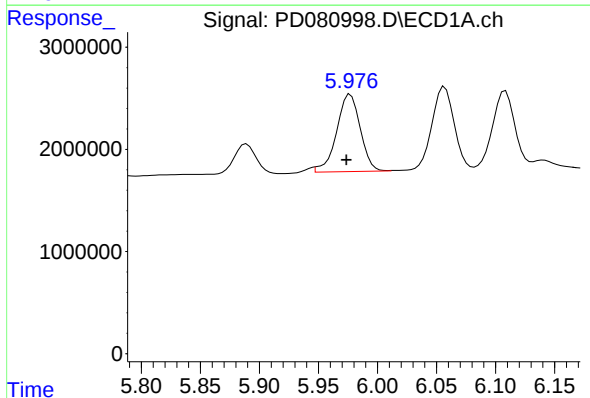
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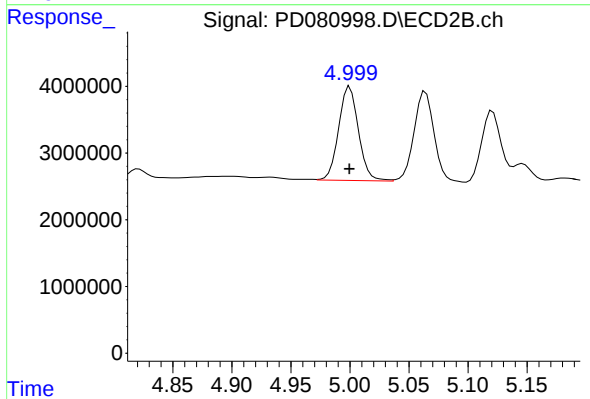
#9 Endosulfan I

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 12128212
Conc: 3.96 ng/ml



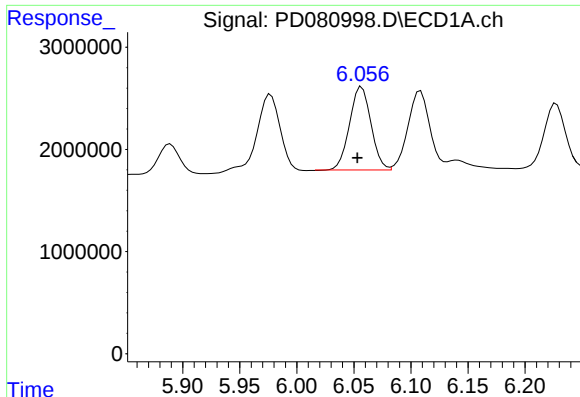
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.002 min
Response: 10534322
Conc: 4.81 ng/ml m



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 16445231
Conc: 5.03 ng/ml



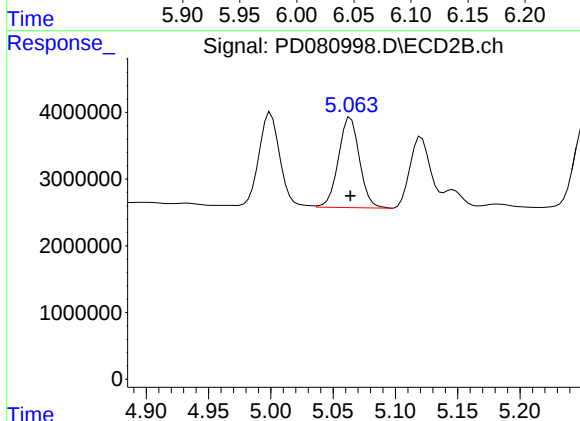
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.002 min
Response: 10712756
Conc: 4.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

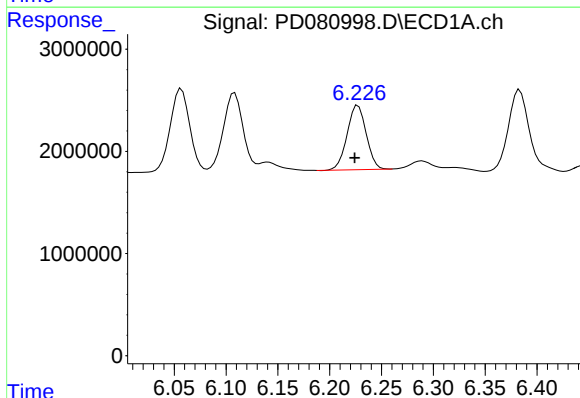
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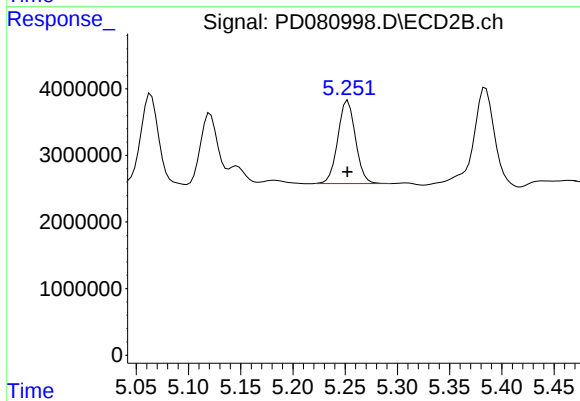
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 15910107
Conc: 4.87 ng/ml



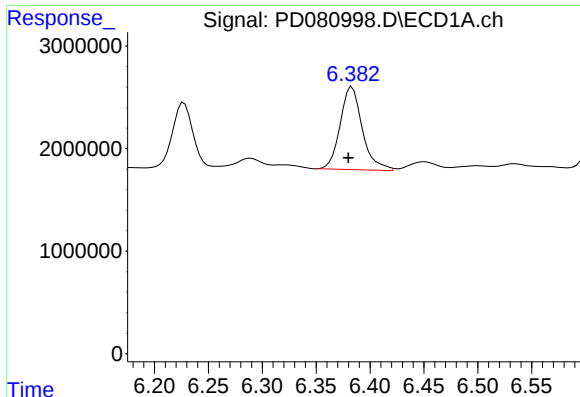
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.003 min
Response: 8052823
Conc: 3.96 ng/ml



#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 14627259
Conc: 4.78 ng/ml



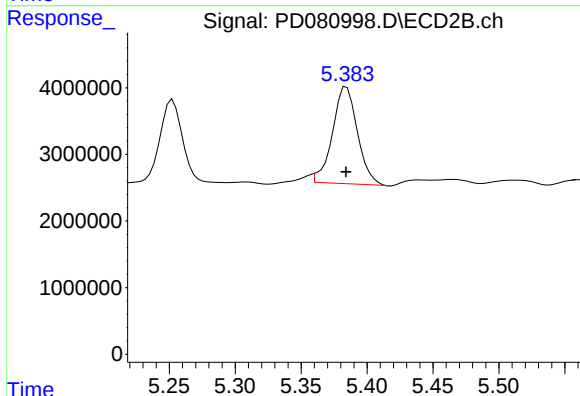
#13 Dieldrin

R.T.: 6.383 min
Delta R.T.: 0.003 min
Response: 11525570
Conc: 5.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

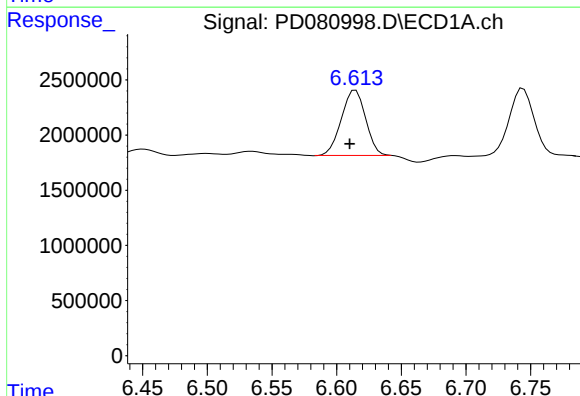
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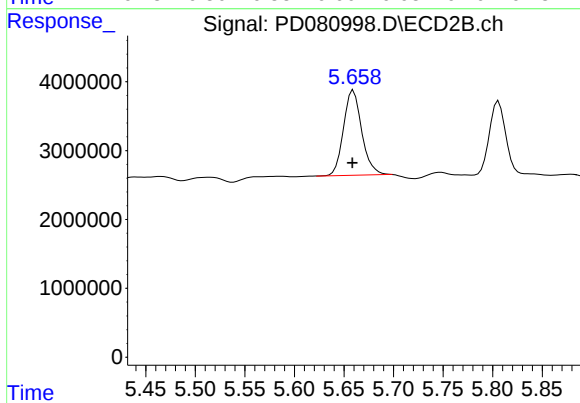
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 19027232
Conc: 5.59 ng/ml m



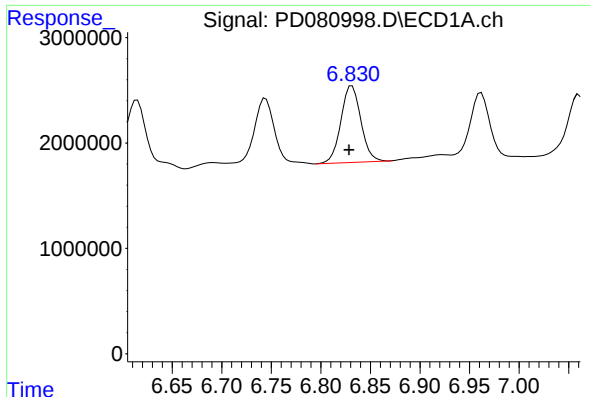
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.003 min
Response: 7727653
Conc: 4.14 ng/ml m



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 15785668
Conc: 5.33 ng/ml m



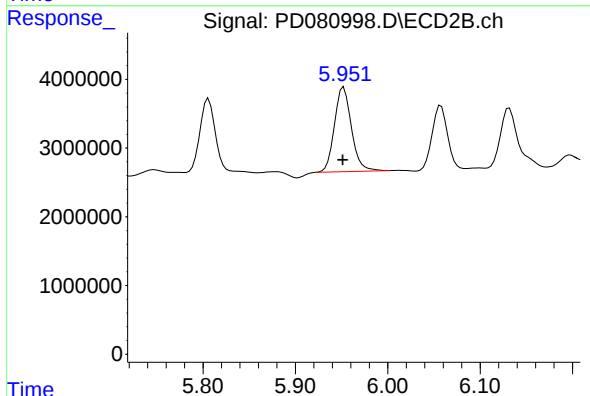
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.003 min
Response: 10190588
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

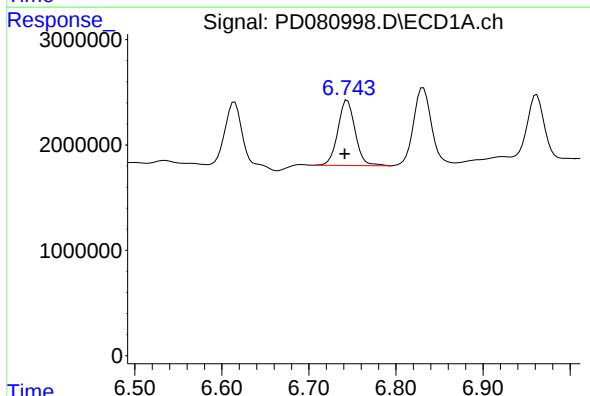
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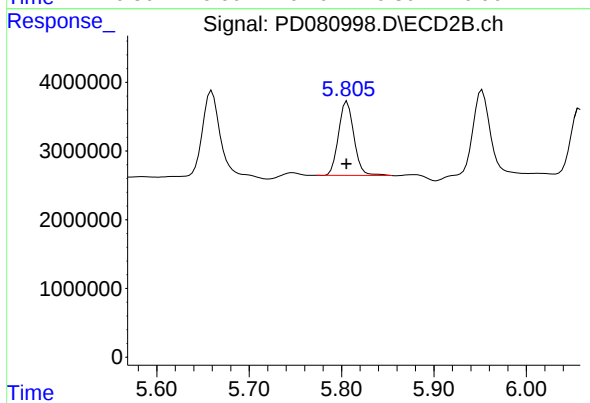
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 15753777
Conc: 5.48 ng/ml m



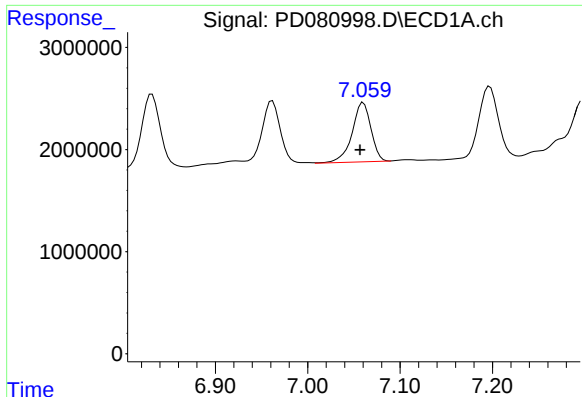
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.003 min
Response: 8524939
Conc: 5.19 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 12486278
Conc: 4.76 ng/ml



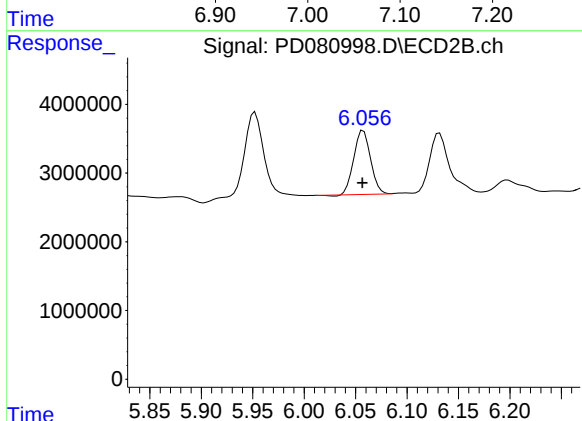
#17 4,4'-DDT

R.T.: 7.060 min
Delta R.T.: 0.004 min
Response: 8230977
Conc: 4.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

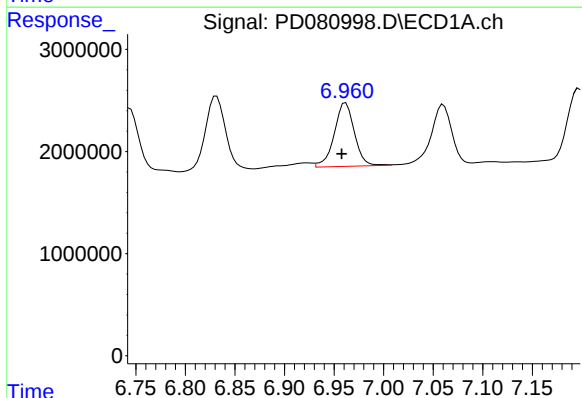
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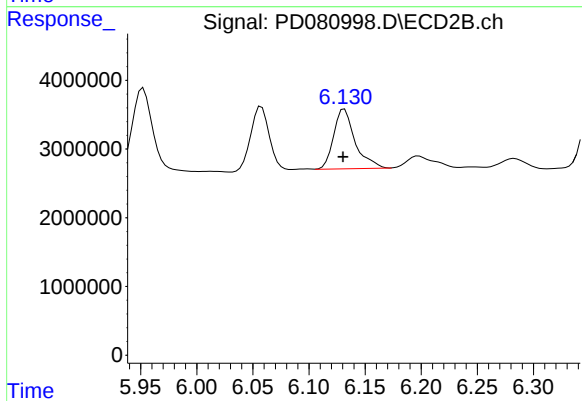
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 10518282
Conc: 3.96 ng/ml



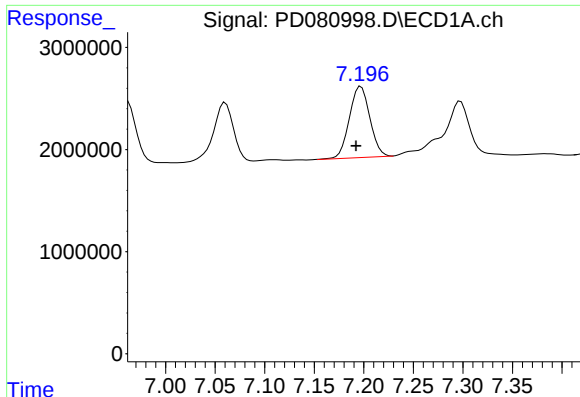
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.004 min
Response: 8814698
Conc: 5.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 11570840
Conc: 5.13 ng/ml



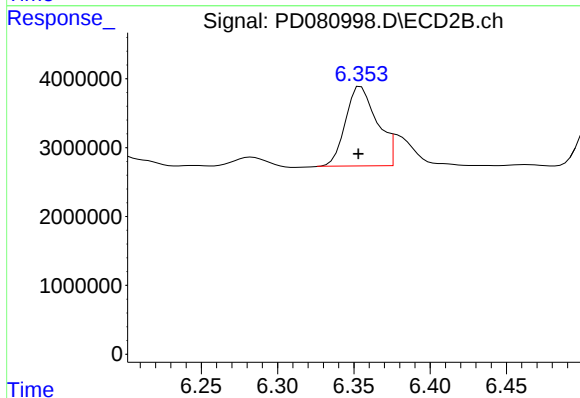
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 9996524
Conc: 5.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

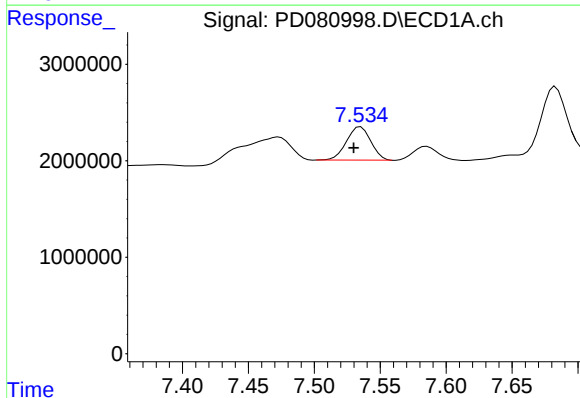
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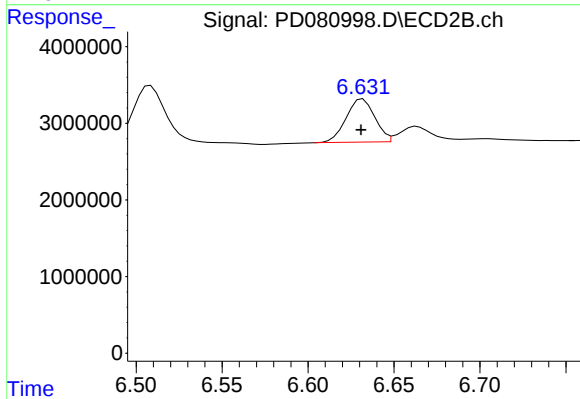
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 17431611
Conc: 6.25 ng/ml m



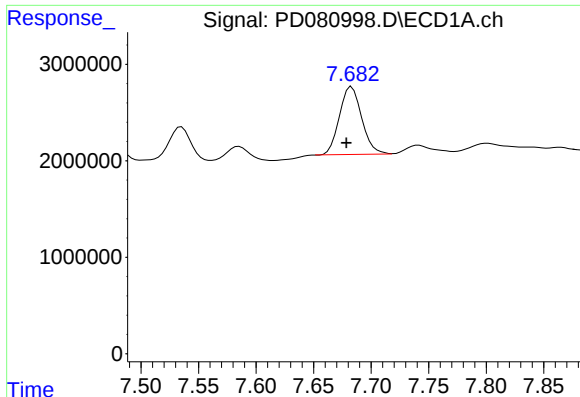
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.004 min
Response: 4420026
Conc: 4.29 ng/ml m



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 6470186
Conc: 4.13 ng/ml m



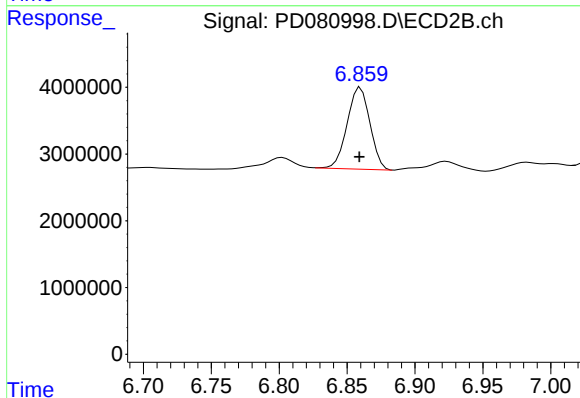
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.003 min
Response: 9524966
Conc: 4.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
TR-05-013024

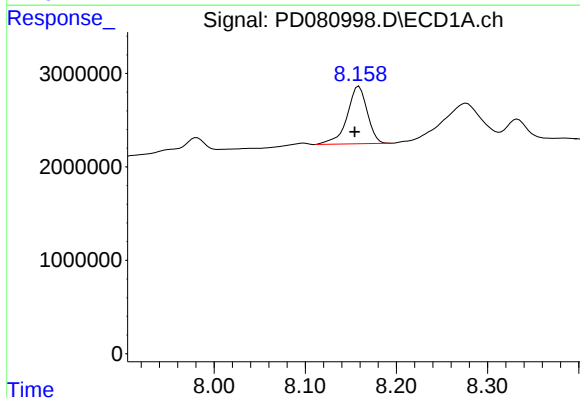
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/02/2024
Supervised By :Ankita Jodhani 02/02/2024



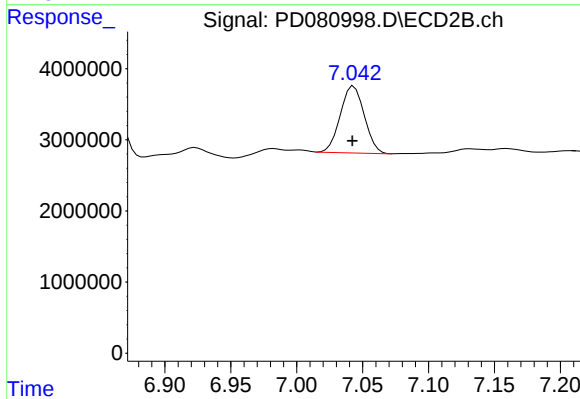
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 14263928
Conc: 4.42 ng/ml m



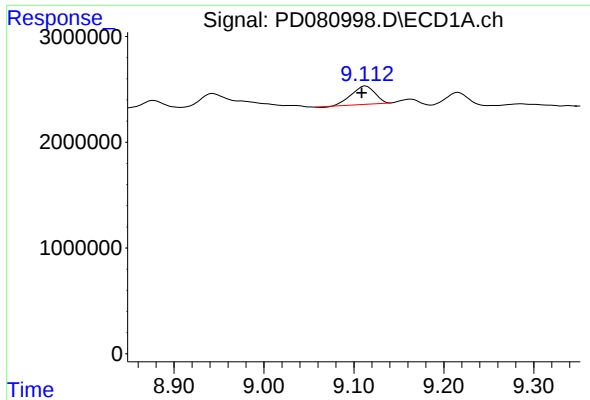
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.005 min
Response: 9443893
Conc: 5.73 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 11910467
Conc: 4.73 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.004 min
Response: 3115149
Conc: 1.55 ng/ml

Instrument :

ECD_D

ClientSampleId :

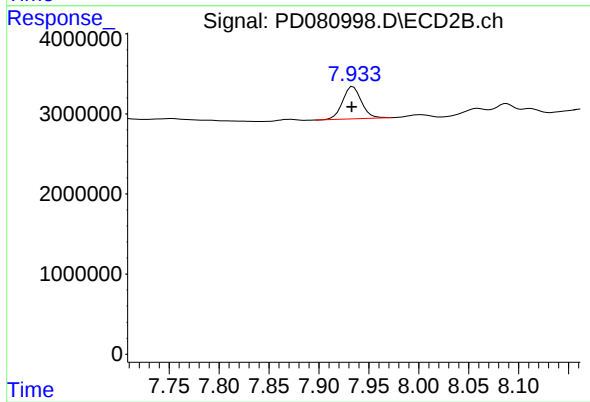
TR-05-013024

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#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: 0.001 min
Response: 5280914
Conc: 1.98 ng/ml