

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112421\
 Data File : PL071165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2021 18:13
 Operator : AR\AJ
 Sample : M4819-01MSD 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-02-112321MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 25 05:08:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.564	5.498	651765	1450856	1.331	1.151
28) SA Decachlor...	10.325	11.389	1000333	1976613	1.464	1.478
Target Compounds						
2) A alpha-BHC	5.268	6.079	1723717	4971671	2.575m	2.701
3) MA gamma-BHC...	5.692	6.475	1919356	4830595	2.861	2.786
4) MA Heptachlor	6.098	7.121	1967920	5133738	2.743m	3.161
5) MB Aldrin	6.423	7.491	1851380	4694458	2.895	2.891
6) B beta-BHC	6.074	6.732	1034628	3609764	3.185m	4.213 #
7) B delta-BHC	6.334	6.996	1687518	3238061	2.550	1.936m
8) B Heptachlo...	7.001	7.957	1969528	3785691	3.029	2.484
9) A Endosulfan I	7.402	8.363	2036604	4236577	3.325	2.945
10) B gamma-Chl...	7.278	8.227	2337919	5262846	3.522	3.399
11) B alpha-Chl...	7.347	8.308	2256706	5284381	3.387	3.474
12) B 4,4'-DDE	7.562	8.496	1650713	4009465	2.833	2.717
13) MA Dieldrin	7.689	8.651	1941415	4362133	3.110	2.994
14) MA Endrin	7.980	8.890	1917977	3623582	3.383	3.128
15) B Endosulfa...	8.290	9.125	1986307	4216349	3.281	3.452
16) A 4,4'-DDD	8.147	9.036	1423822	3158240	2.802m	2.624
17) MA 4,4'-DDT	8.408	9.353	1605637	3877744	2.919	3.074
18) B Endrin al...	8.479	9.260	1319206	2755323	2.904	2.849
19) B Endosulfa...	8.710	9.497	1924057	3675222	3.119	2.965
20) A Methoxychlor	9.004	9.841	1311823	2035802	3.586	3.008
21) B Endrin ke...	9.228	9.993	2020888	4047086	2.826	2.819
22) Mirex	9.412	10.458	2101921	3747231	3.423	3.598

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

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Acq On : 24 Nov 2021 18:13
Operator : AR\AJ
Sample : M4819-01MSD 20X
Misc :
ALS Vial : 20 Sample Multiplier: 1

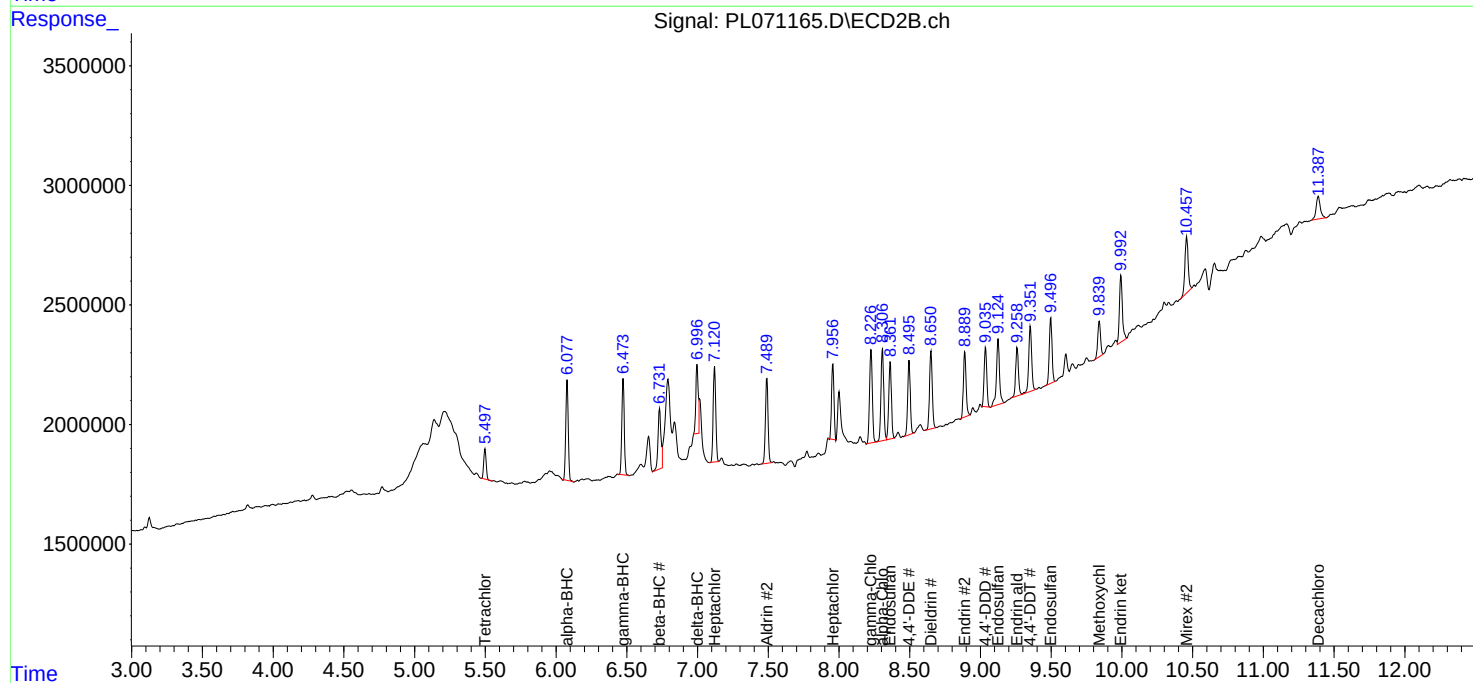
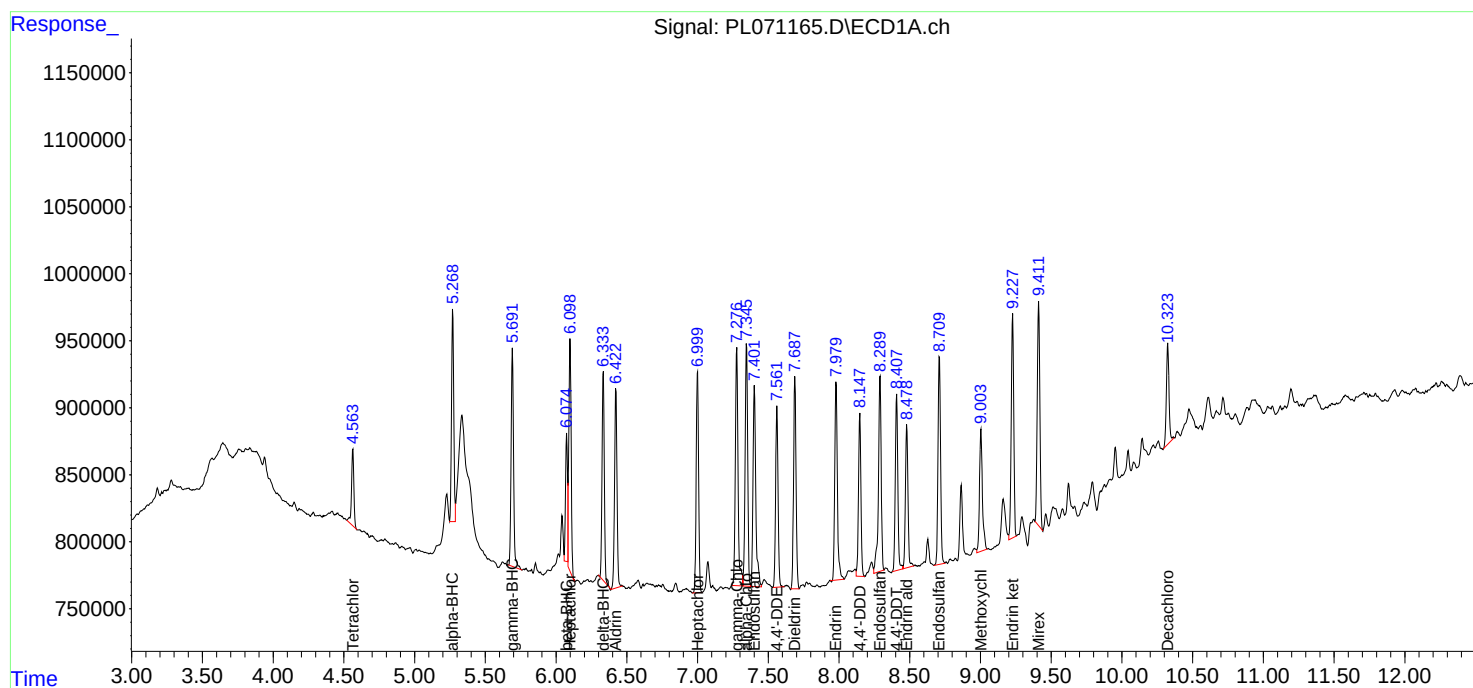
Instrument :
ECD_L
ClientSampleId :
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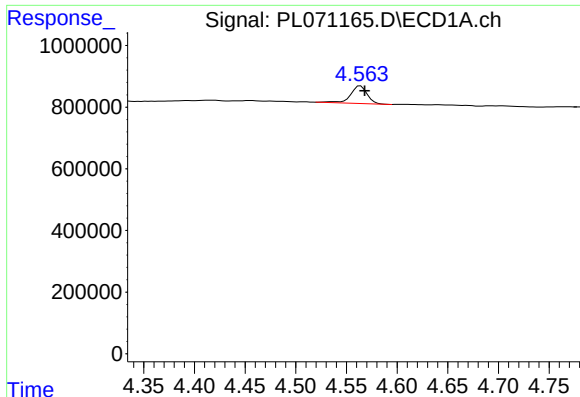
Manual Integrations
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Supervised By :mohammad ahmed 11/26/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
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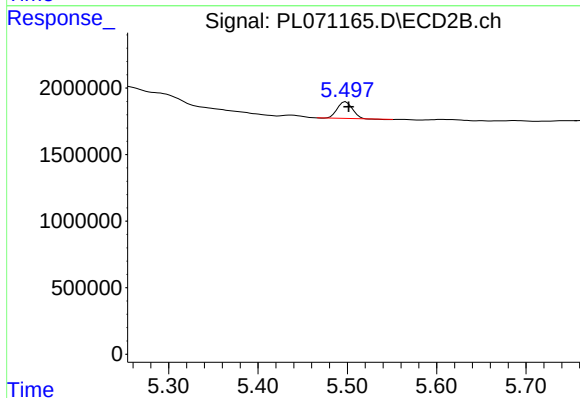
#1 Tetrachloro-m-xylene

R.T.: 4.564 min
Delta R.T.: -0.004 min
Response: 651765
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

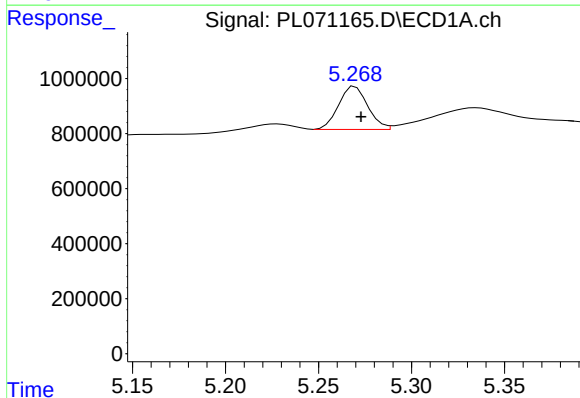
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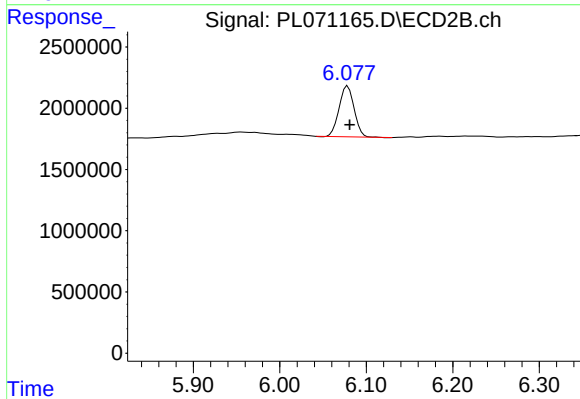
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 1450856
Conc: 1.15 ng/ml



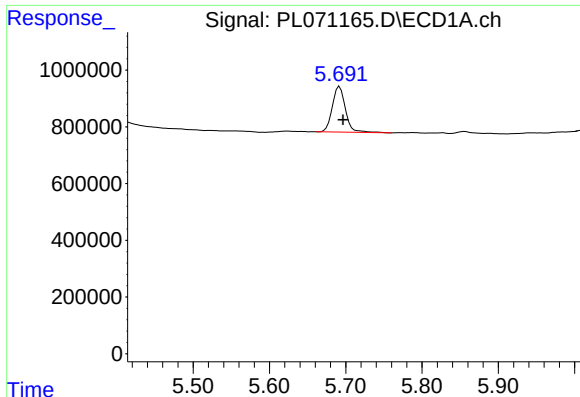
#2 alpha-BHC

R.T.: 5.268 min
Delta R.T.: -0.004 min
Response: 1723717
Conc: 2.57 ng/ml m



#2 alpha-BHC

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 4971671
Conc: 2.70 ng/ml



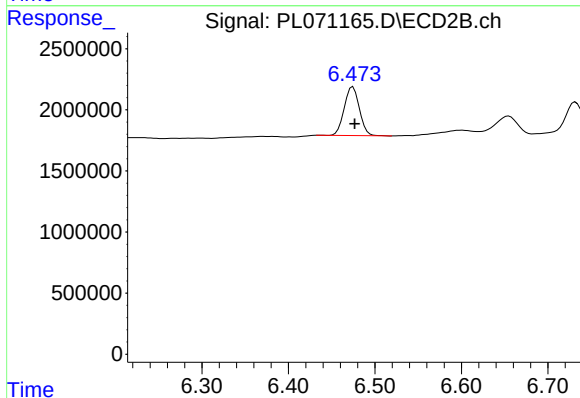
#3 gamma-BHC (Lindane)

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 1919356
Conc: 2.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

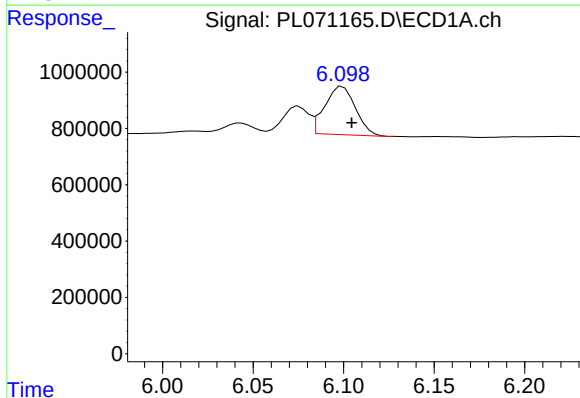
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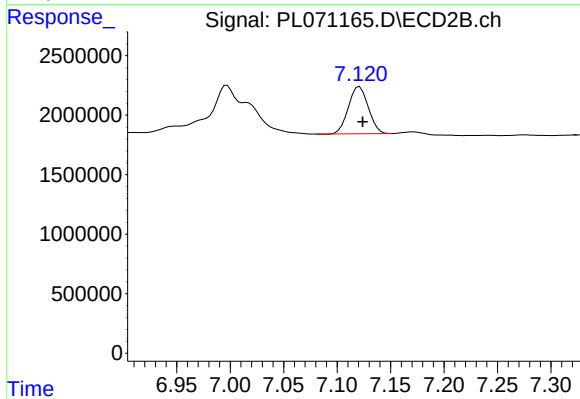
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 4830595
Conc: 2.79 ng/ml



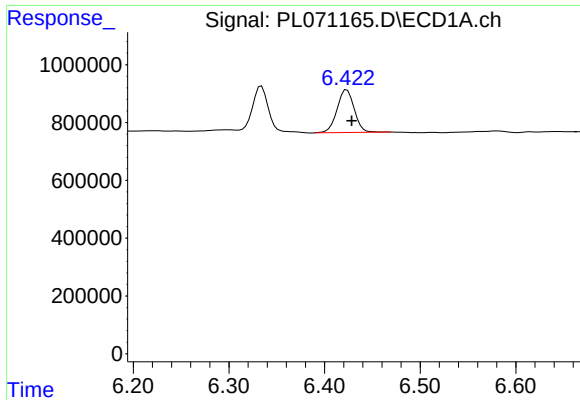
#4 Heptachlor

R.T.: 6.098 min
Delta R.T.: -0.006 min
Response: 1967920
Conc: 2.74 ng/ml m



#4 Heptachlor

R.T.: 7.121 min
Delta R.T.: -0.003 min
Response: 5133738
Conc: 3.16 ng/ml



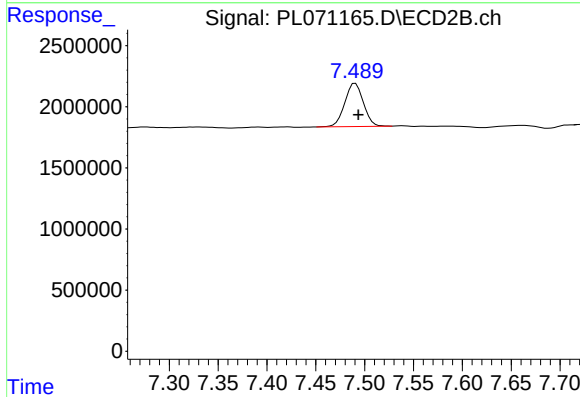
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: -0.005 min
Response: 1851380
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

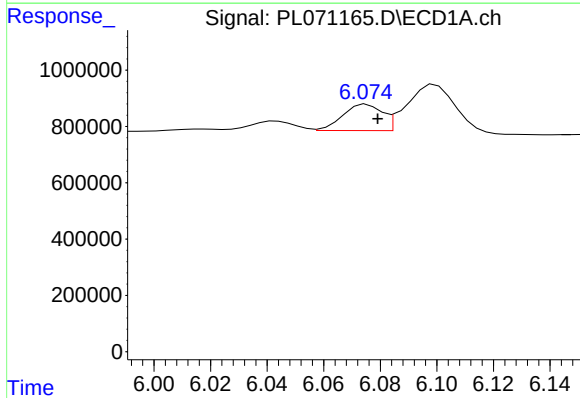
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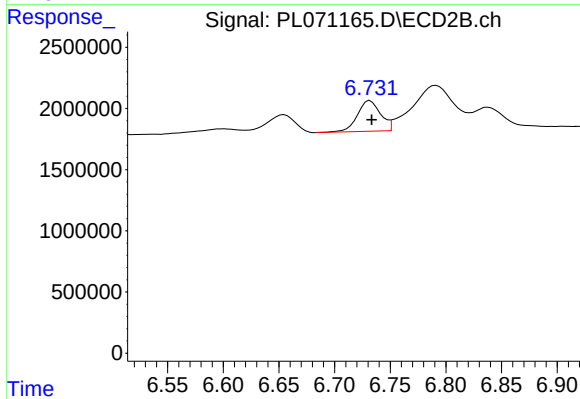
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 4694458
Conc: 2.89 ng/ml



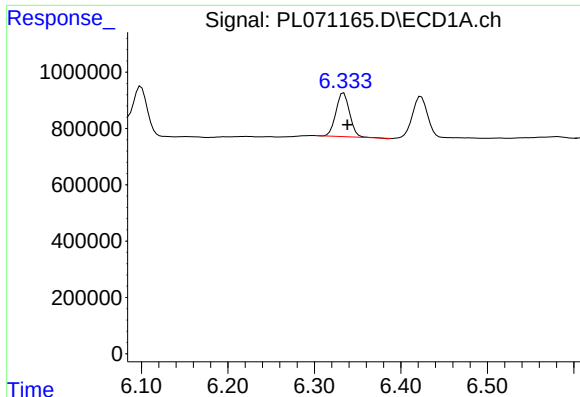
#6 beta-BHC

R.T.: 6.074 min
Delta R.T.: -0.005 min
Response: 1034628
Conc: 3.19 ng/ml m



#6 beta-BHC

R.T.: 6.732 min
Delta R.T.: -0.001 min
Response: 3609764
Conc: 4.21 ng/ml



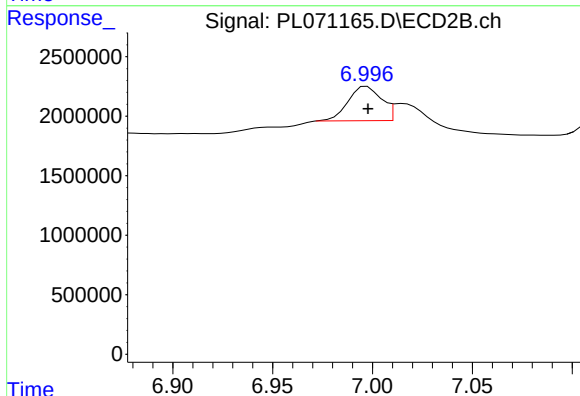
#7 delta-BHC

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 1687518
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
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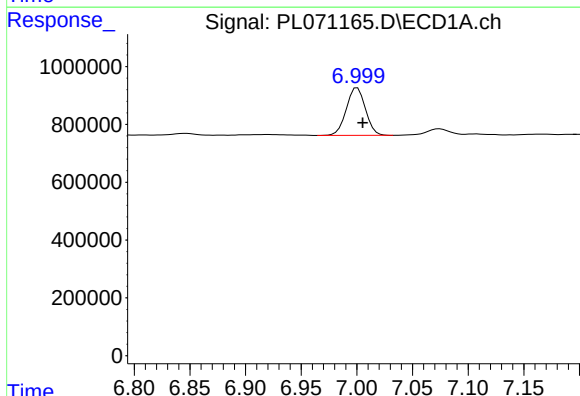
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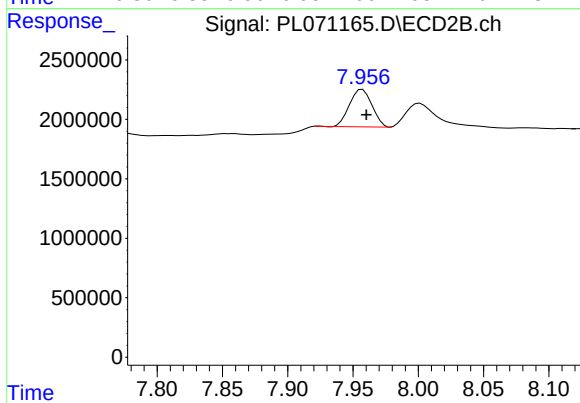
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: -0.002 min
Response: 3238061
Conc: 1.94 ng/ml m



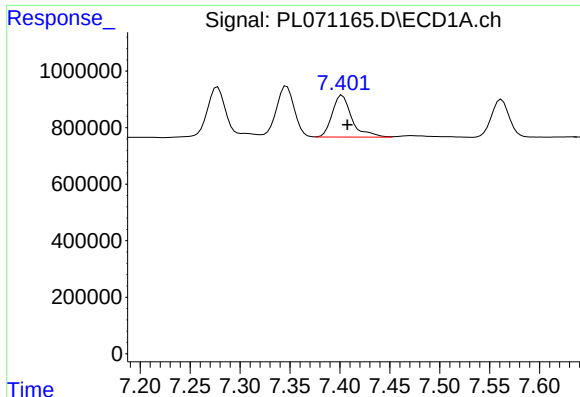
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: -0.005 min
Response: 1969528
Conc: 3.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 3785691
Conc: 2.48 ng/ml



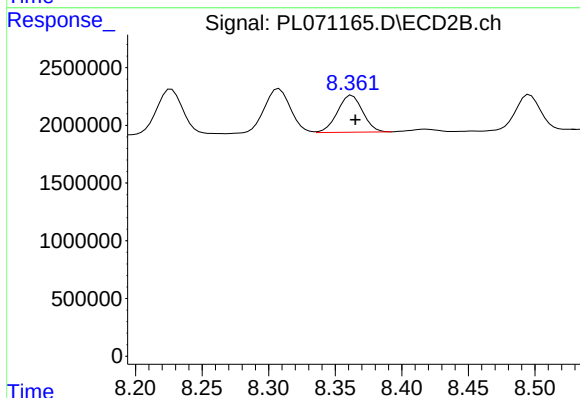
#9 Endosulfan I

R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 2036604
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

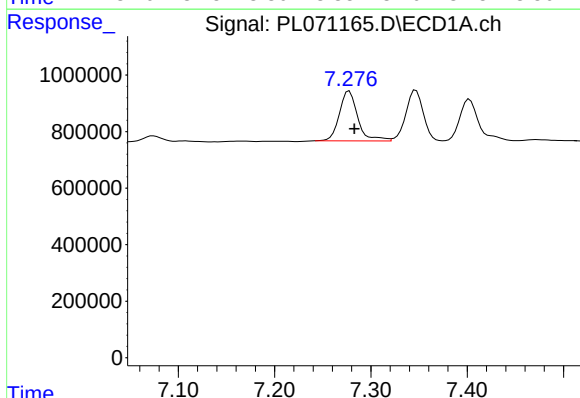
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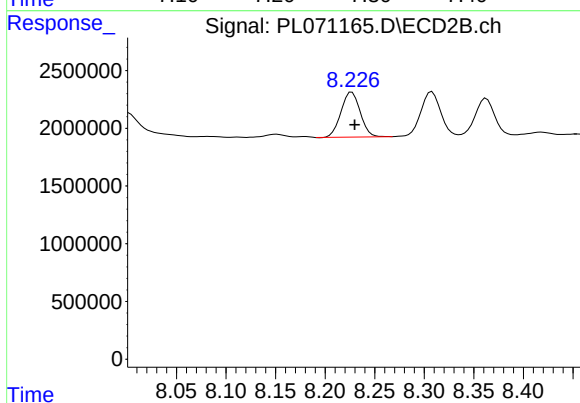
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.003 min
Response: 4236577
Conc: 2.94 ng/ml



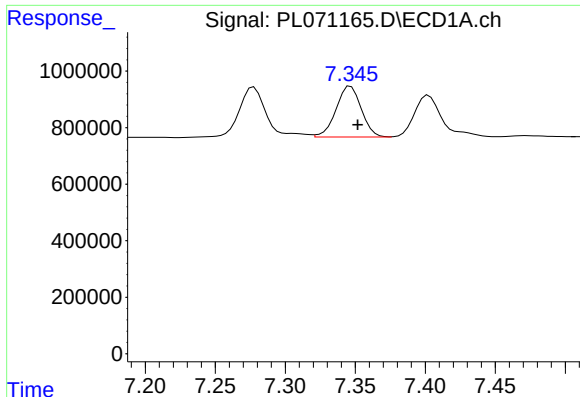
#10 gamma-Chlordane

R.T.: 7.278 min
Delta R.T.: -0.005 min
Response: 2337919
Conc: 3.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 5262846
Conc: 3.40 ng/ml



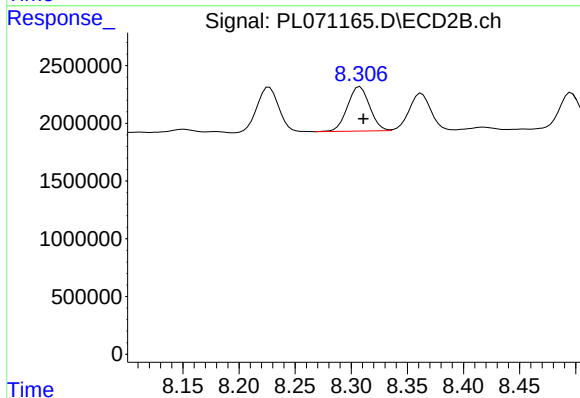
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 2256706
Conc: 3.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

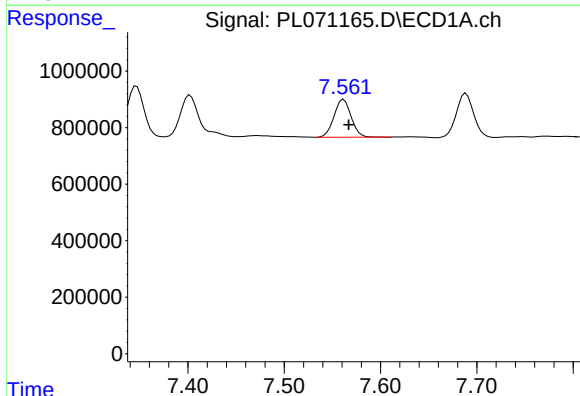
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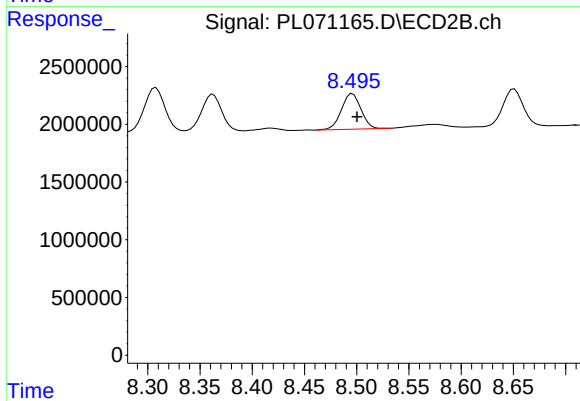
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: -0.003 min
Response: 5284381
Conc: 3.47 ng/ml



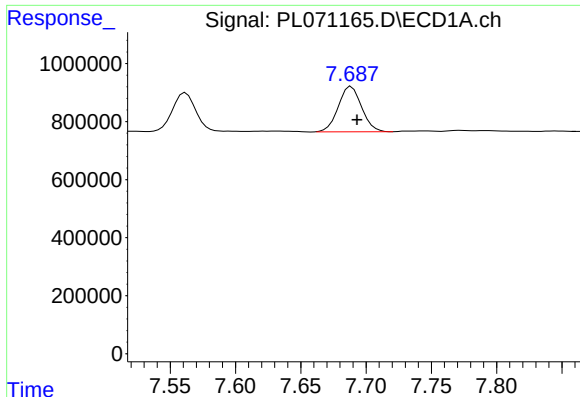
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.005 min
Response: 1650713
Conc: 2.83 ng/ml



#12 4,4'-DDE

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 4009465
Conc: 2.72 ng/ml



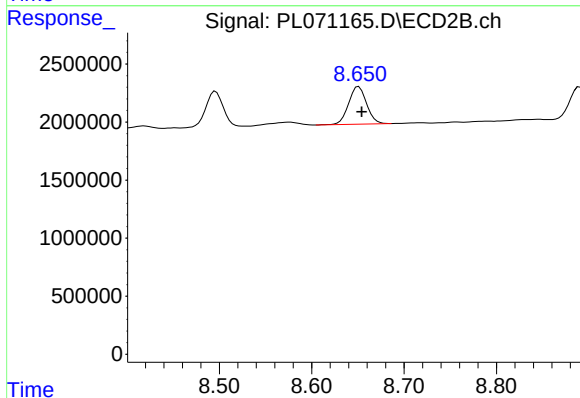
#13 Dieldrin

R.T.: 7.689 min
Delta R.T.: -0.004 min
Response: 1941415
Conc: 3.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

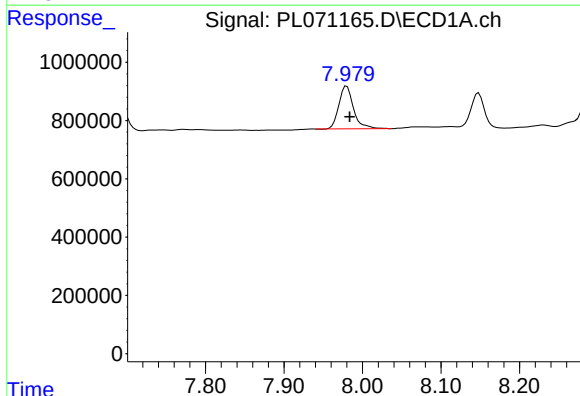
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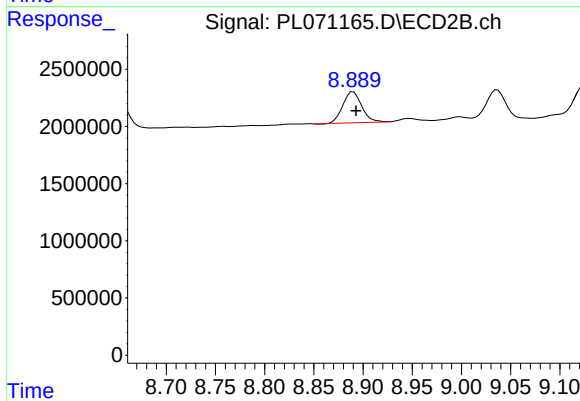
#13 Dieldrin

R.T.: 8.651 min
Delta R.T.: -0.003 min
Response: 4362133
Conc: 2.99 ng/ml



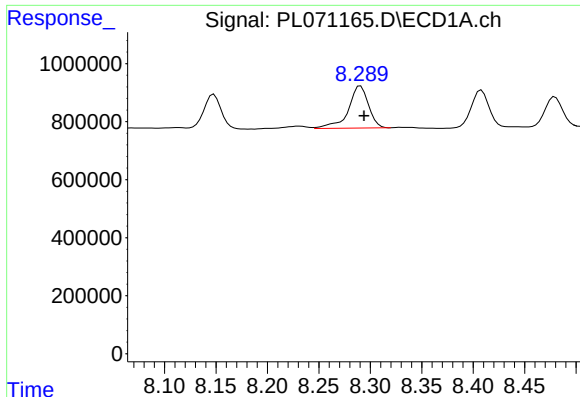
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 1917977
Conc: 3.38 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 3623582
Conc: 3.13 ng/ml



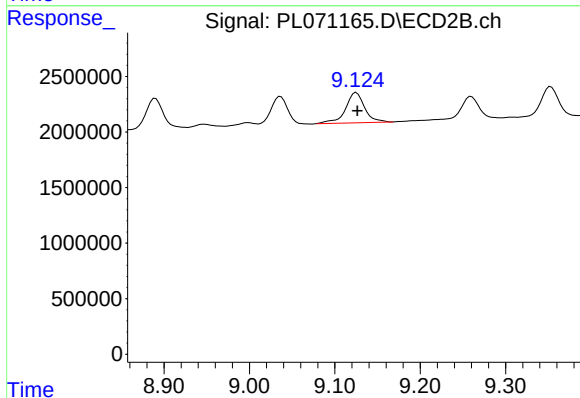
#15 Endosulfan II

R.T.: 8.290 min
Delta R.T.: -0.003 min
Response: 1986307
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
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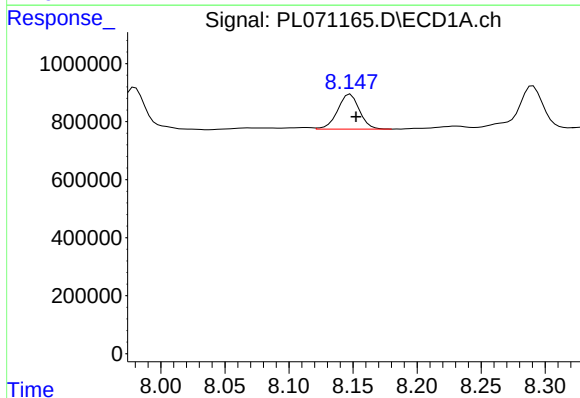
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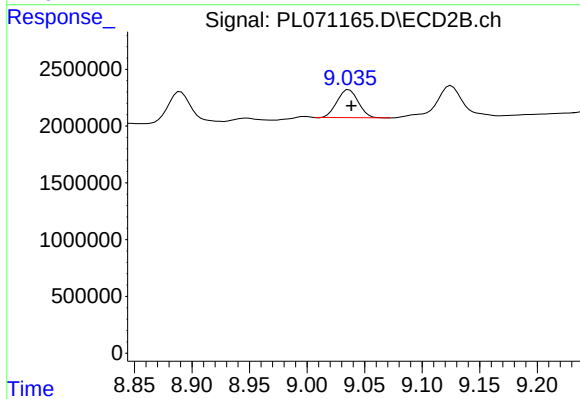
#15 Endosulfan II

R.T.: 9.125 min
Delta R.T.: -0.001 min
Response: 4216349
Conc: 3.45 ng/ml



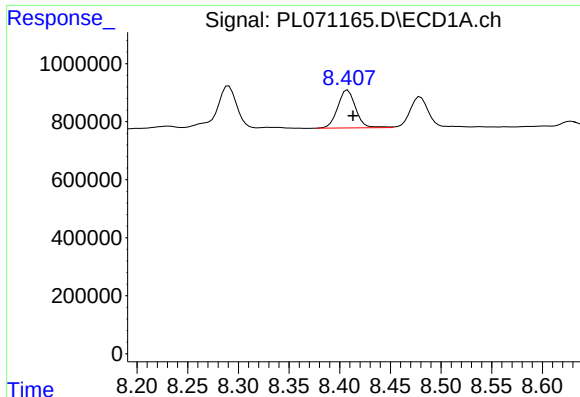
#16 4,4'-DDD

R.T.: 8.147 min
Delta R.T.: -0.006 min
Response: 1423822
Conc: 2.80 ng/ml m



#16 4,4'-DDD

R.T.: 9.036 min
Delta R.T.: -0.002 min
Response: 3158240
Conc: 2.62 ng/ml



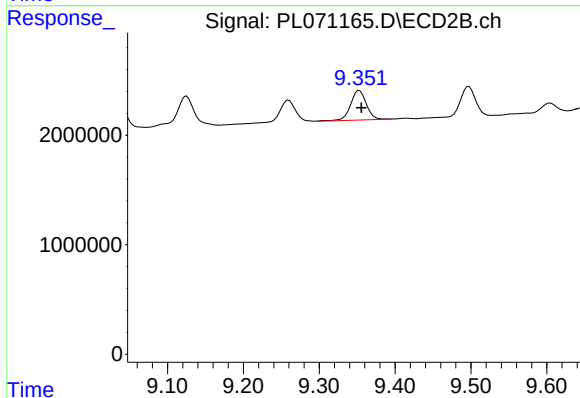
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.005 min
Response: 1605637
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
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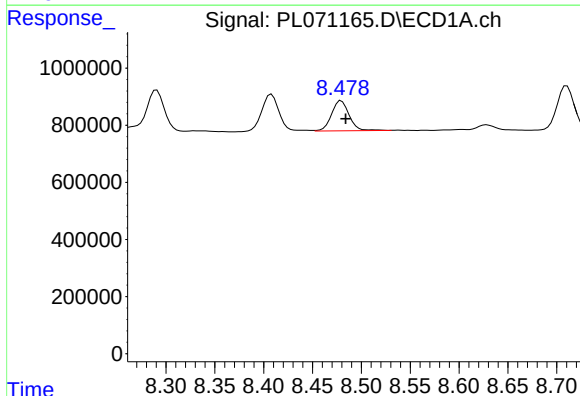
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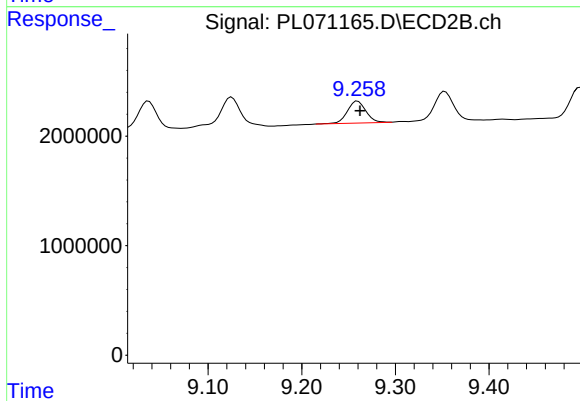
#17 4,4'-DDT

R.T.: 9.353 min
Delta R.T.: -0.003 min
Response: 3877744
Conc: 3.07 ng/ml



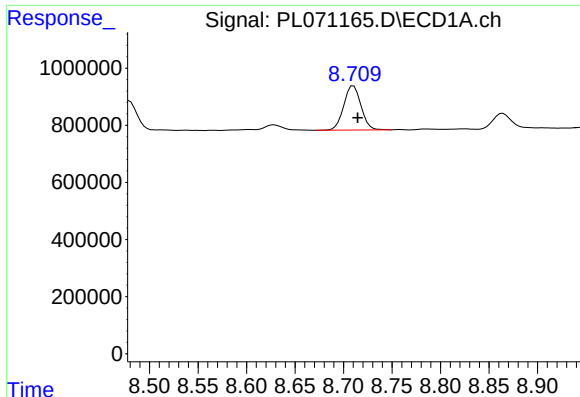
#18 Endrin aldehyde

R.T.: 8.479 min
Delta R.T.: -0.005 min
Response: 1319206
Conc: 2.90 ng/ml



#18 Endrin aldehyde

R.T.: 9.260 min
Delta R.T.: -0.003 min
Response: 2755323
Conc: 2.85 ng/ml



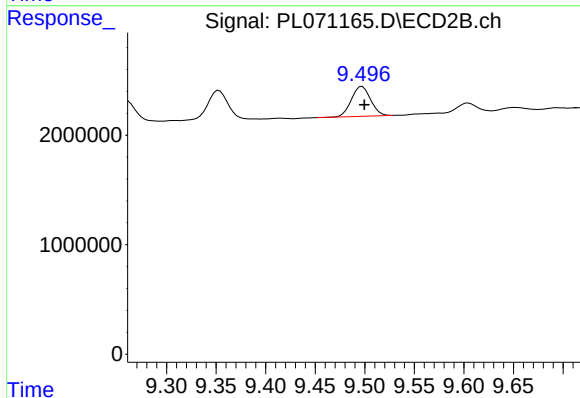
#19 Endosulfan Sulfate

R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 1924057
Conc: 3.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

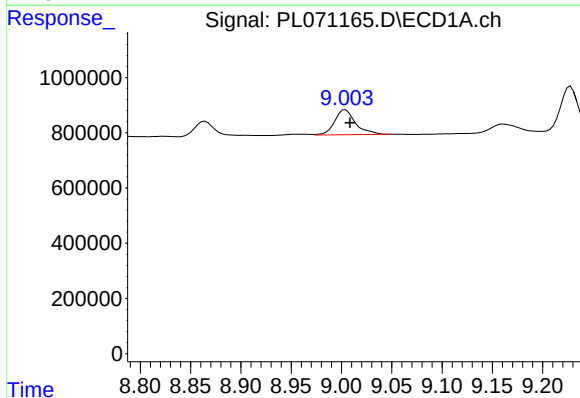
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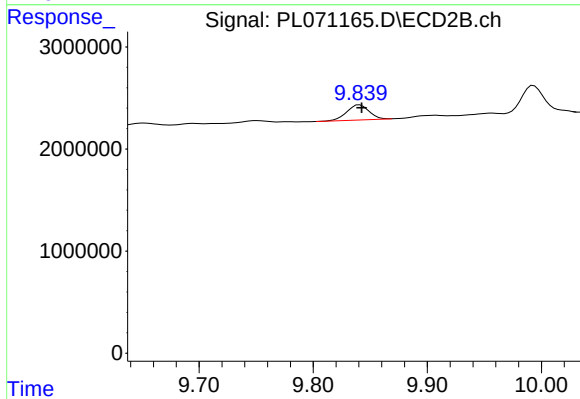
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 3675222
Conc: 2.97 ng/ml



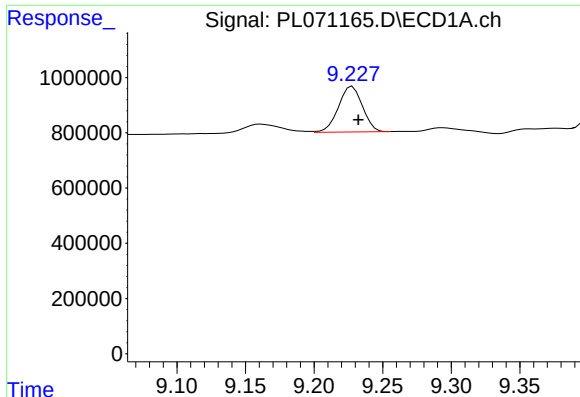
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.005 min
Response: 1311823
Conc: 3.59 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.002 min
Response: 2035802
Conc: 3.01 ng/ml



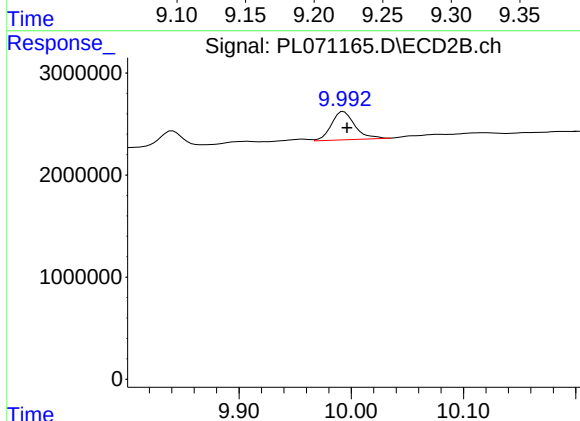
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.004 min
Response: 2020888
Conc: 2.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
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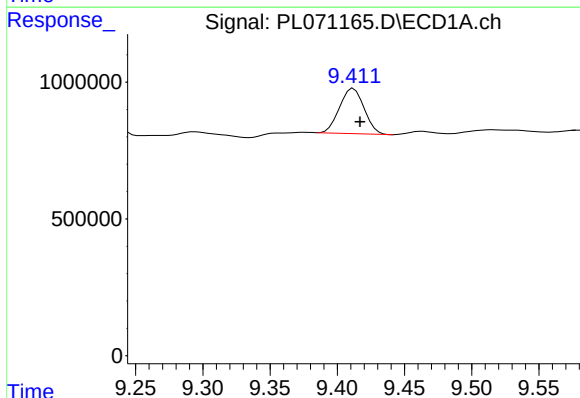
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Supervised By :mohammad ahmed 11/26/2021



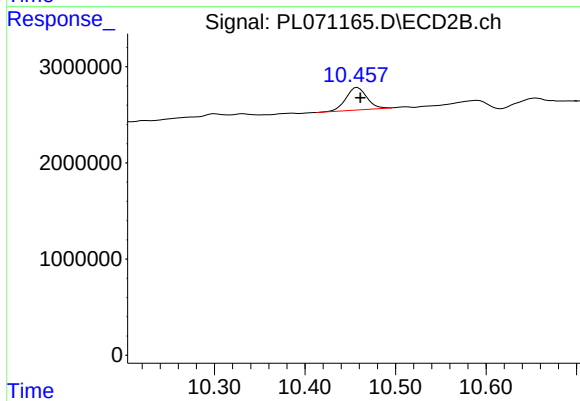
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: -0.003 min
Response: 4047086
Conc: 2.82 ng/ml



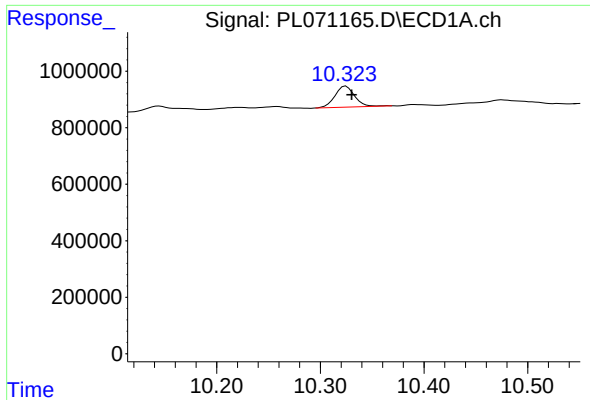
#22 Mirex

R.T.: 9.412 min
Delta R.T.: -0.005 min
Response: 2101921
Conc: 3.42 ng/ml



#22 Mirex

R.T.: 10.458 min
Delta R.T.: -0.003 min
Response: 3747231
Conc: 3.60 ng/ml



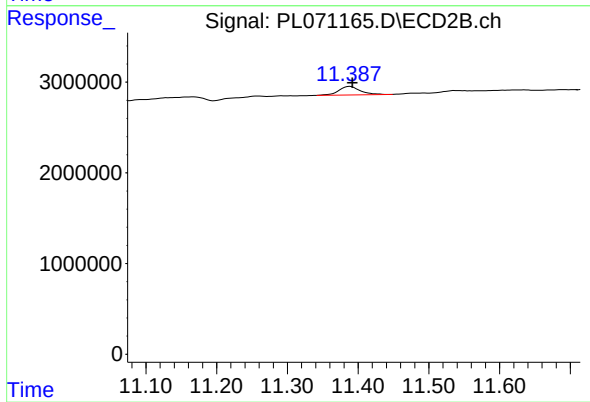
#28 Decachlorobiphenyl

R.T.: 10.325 min
Delta R.T.: -0.006 min
Response: 1000333
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-02-112321MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 1976613
Conc: 1.48 ng/ml