

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111821\
 Data File : PL071059.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Nov 2021 13:22
 Operator : AR\AJ
 Sample : PB140837BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB140837BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/19/2021
 Supervised By : mohammad ahmed 11/19/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 19 05:22:19 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...	4.572	5.504	12762590	34058376	26.057m	27.012
28)	SA Decachlor...	10.336	11.399	14569000	30566360	21.322	22.856
Target Compounds							
2)	A alpha-BHC	5.279	6.085	37907237	106.7E6	56.628	57.987
3)	MA gamma-BHC...	5.702	6.481	36148380	98116837	53.890	56.582
4)	MA Heptachlor	6.110	7.128	37134074	94243455	51.754	58.022
5)	MB Aldrin	6.434	7.498	34662332	91316731	54.205	56.235
6)	B beta-BHC	6.085	6.737	16667319	49171261	51.310	57.388
7)	B delta-BHC	6.344	7.004	36013652	96596964	54.417	57.764
8)	B Heptachlo...	7.011	7.965	34187873	82968813	52.584	54.436
9)	A Endosulfan I	7.413	8.370	32353481	76793653	52.816	53.380
10)	B gamma-Chl...	7.288	8.235	34622509	83053707	52.156	53.640
11)	B alpha-Chl...	7.357	8.315	34627416	81387103	51.965	53.510
12)	B 4,4'-DDE	7.573	8.504	31232193	80305609	53.606	54.426
13)	MA Dieldrin	7.699	8.658	32815006	78992418	52.570	54.211
14)	MA Endrin	7.990	8.898	26500610	57765601	46.741	49.871
15)	B Endosulfa...	8.302	9.132	29175513	64598047	48.197	52.891
16)	A 4,4'-DDD	8.158	9.044	30301161	68201352	59.637	56.672
17)	MA 4,4'-DDT	8.418	9.361	23013213	53507483	41.844	42.413
18)	B Endrin al...	8.490	9.267	23993661	51631043	52.813	53.390
19)	B Endosulfa...	8.721	9.505	30748674	63412914	49.845	51.164
20)	A Methoxychlor	9.014	9.848	14288713	27400745	39.057	40.486
21)	B Endrin ke...	9.239	10.002	37495422	70612382	52.437	49.190
22)	Mirex	9.422	10.466	28594804	48553264	46.561	46.614

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

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 Data File : PL071059.D
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 Acq On : 18 Nov 2021 13:22
 Operator : AR\AJ
 Sample : PB140837BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

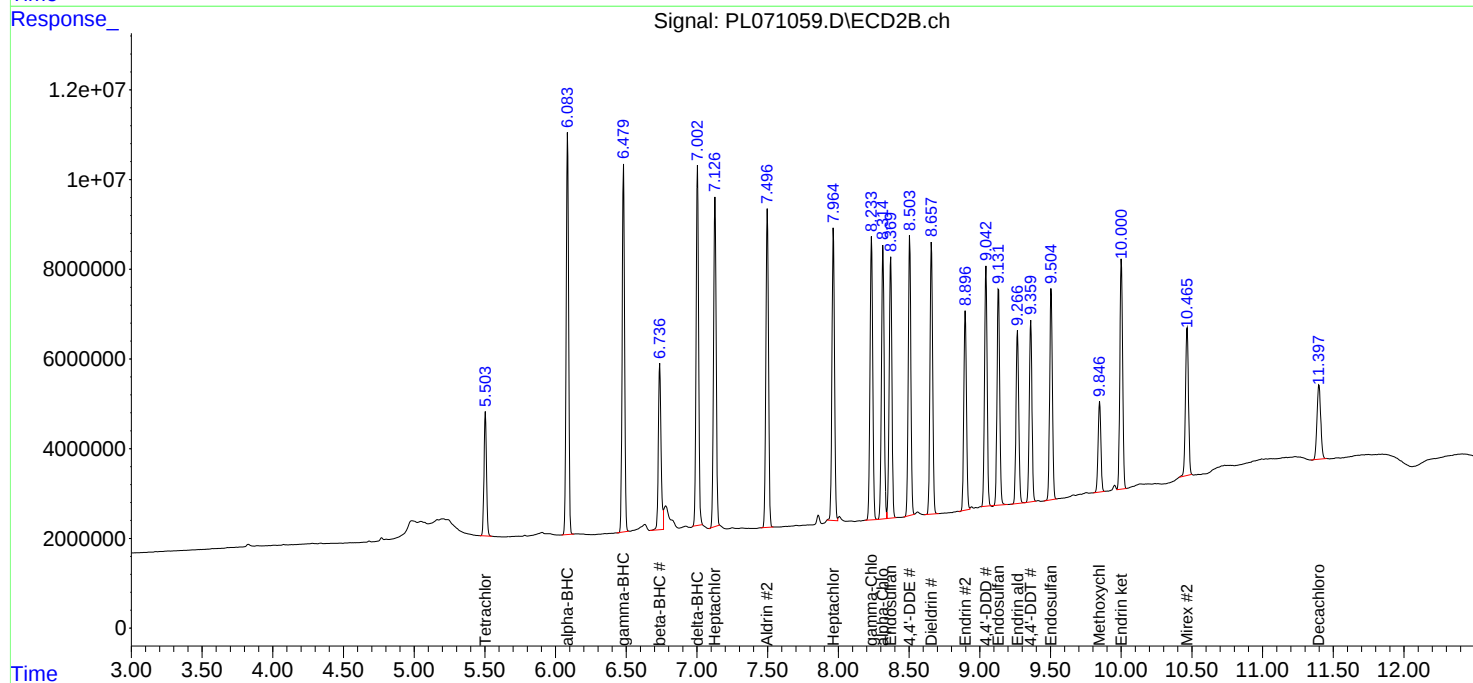
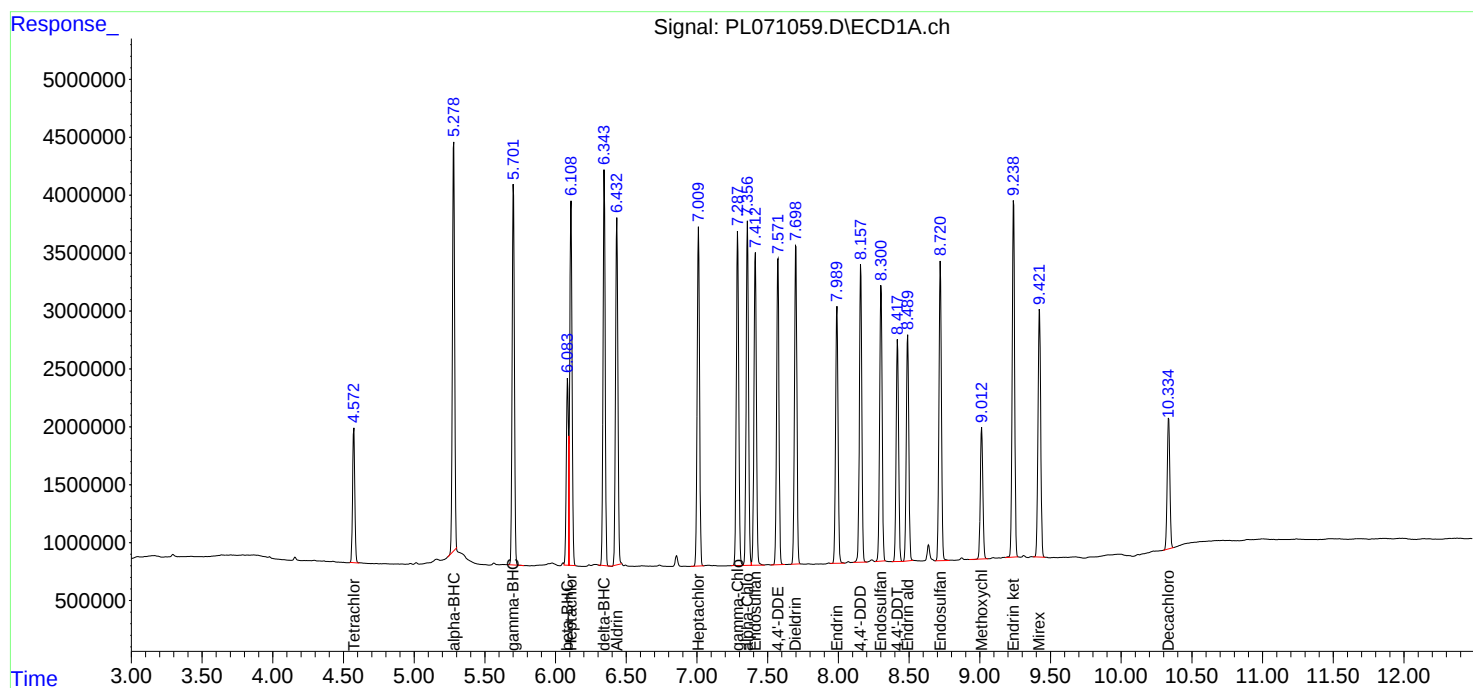
Instrument :
 ECD_L
 ClientSampleId :
 PB140837BS

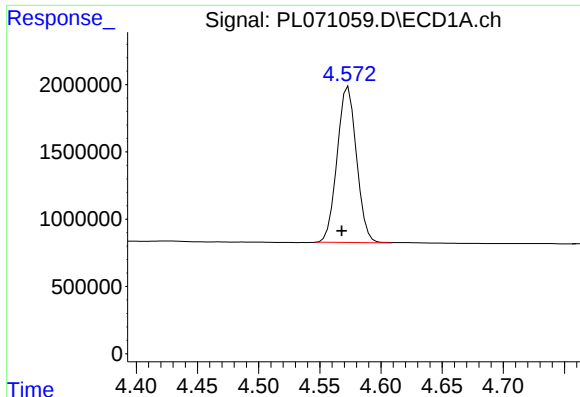
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/19/2021

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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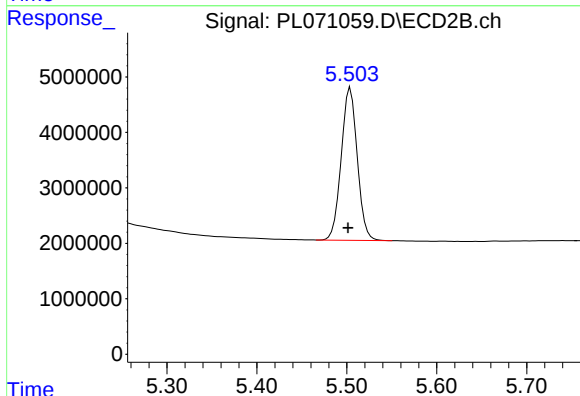
#1 Tetrachloro-m-xylene

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 12762590
Conc: 26.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

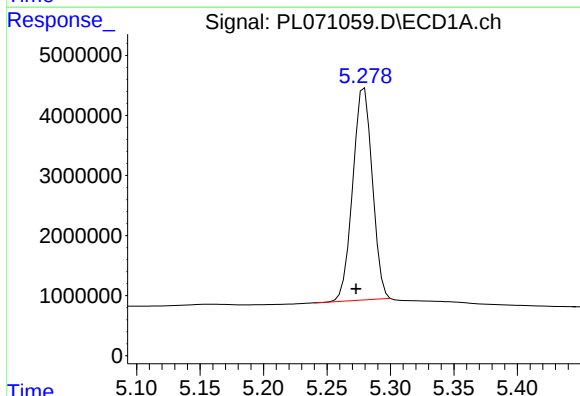
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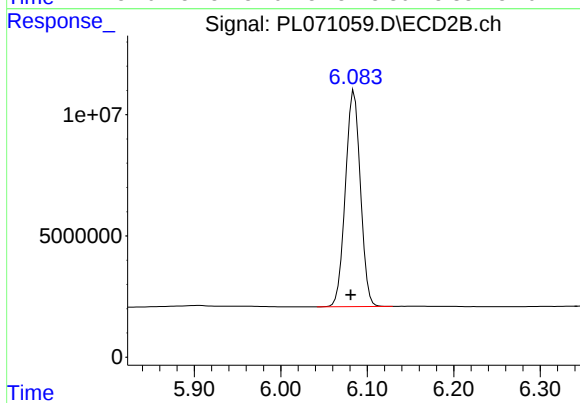
#1 Tetrachloro-m-xylene

R.T.: 5.504 min
Delta R.T.: 0.003 min
Response: 34058376
Conc: 27.01 ng/ml



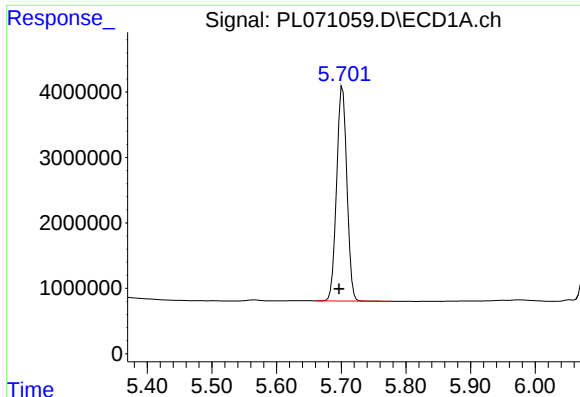
#2 alpha-BHC

R.T.: 5.279 min
Delta R.T.: 0.007 min
Response: 37907237
Conc: 56.63 ng/ml



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 106742985
Conc: 57.99 ng/ml



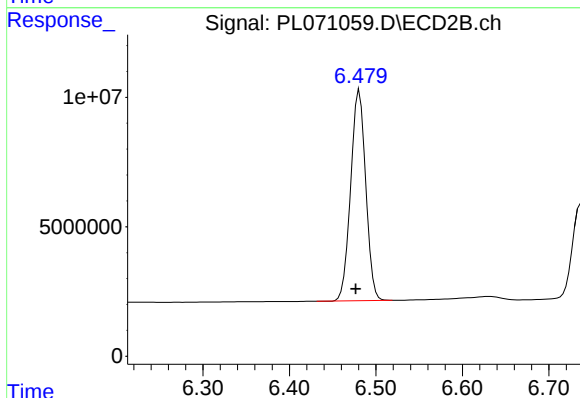
#3 gamma-BHC (Lindane)

R.T.: 5.702 min
Delta R.T.: 0.005 min
Response: 36148380
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

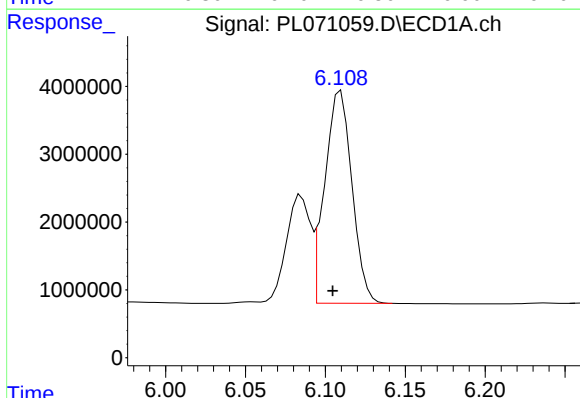
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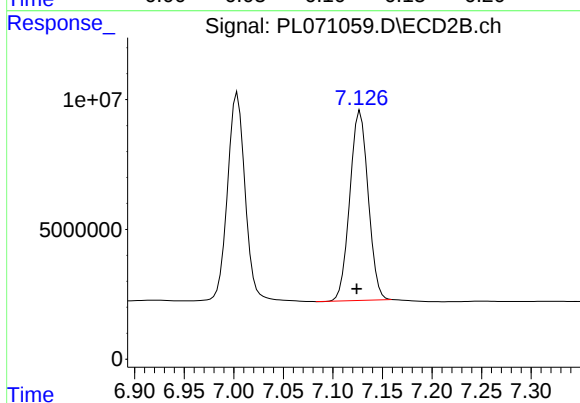
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.004 min
Response: 98116837
Conc: 56.58 ng/ml



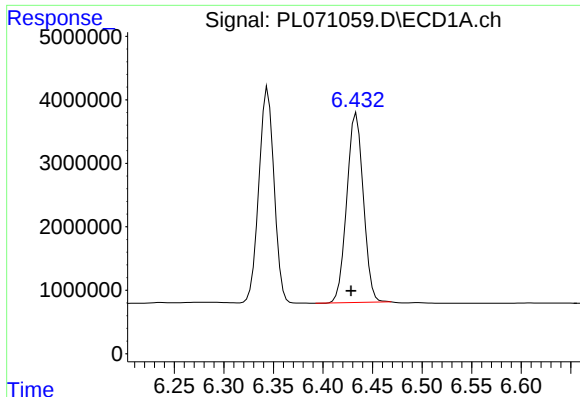
#4 Heptachlor

R.T.: 6.110 min
Delta R.T.: 0.005 min
Response: 37134074
Conc: 51.75 ng/ml



#4 Heptachlor

R.T.: 7.128 min
Delta R.T.: 0.004 min
Response: 94243455
Conc: 58.02 ng/ml



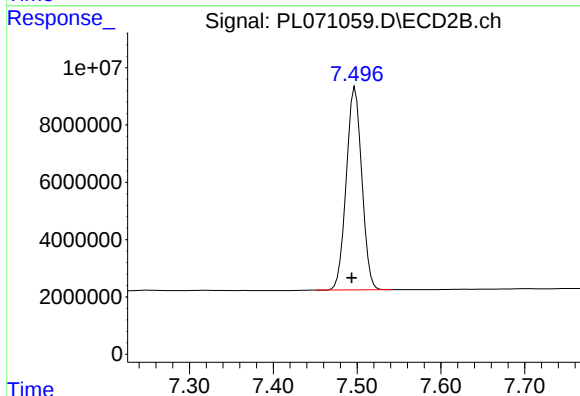
#5 Aldrin

R.T.: 6.434 min
Delta R.T.: 0.005 min
Response: 34662332
Conc: 54.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

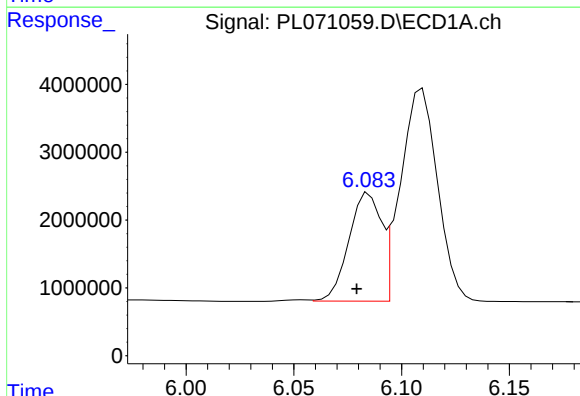
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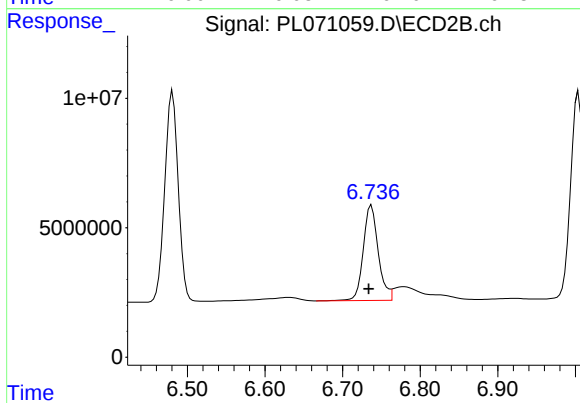
#5 Aldrin

R.T.: 7.498 min
Delta R.T.: 0.004 min
Response: 91316731
Conc: 56.24 ng/ml



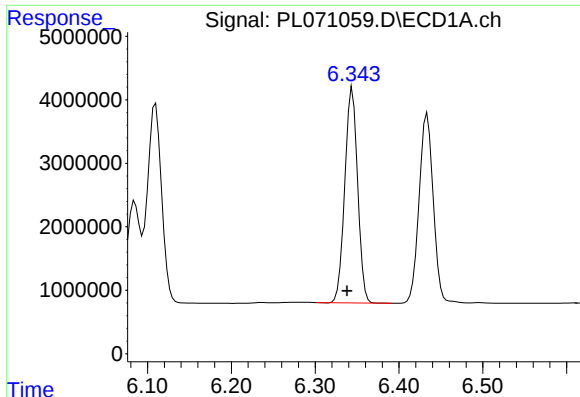
#6 beta-BHC

R.T.: 6.085 min
Delta R.T.: 0.006 min
Response: 16667319
Conc: 51.31 ng/ml



#6 beta-BHC

R.T.: 6.737 min
Delta R.T.: 0.004 min
Response: 49171261
Conc: 57.39 ng/ml



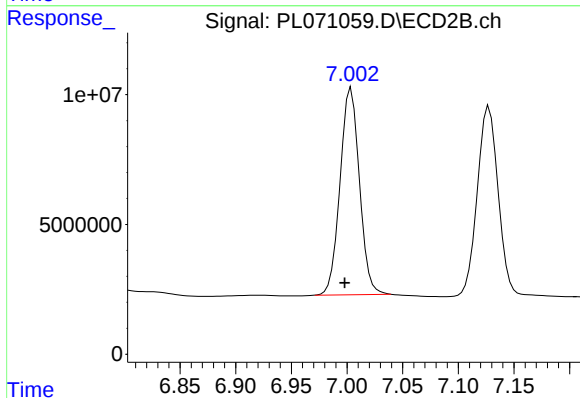
#7 delta-BHC

R.T.: 6.344 min
Delta R.T.: 0.006 min
Response: 36013652
Conc: 54.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

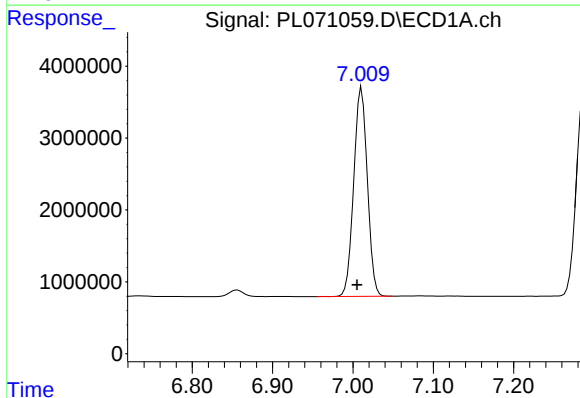
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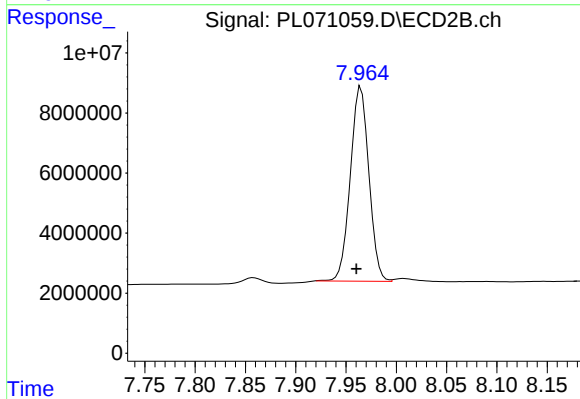
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.006 min
Response: 96596964
Conc: 57.76 ng/ml



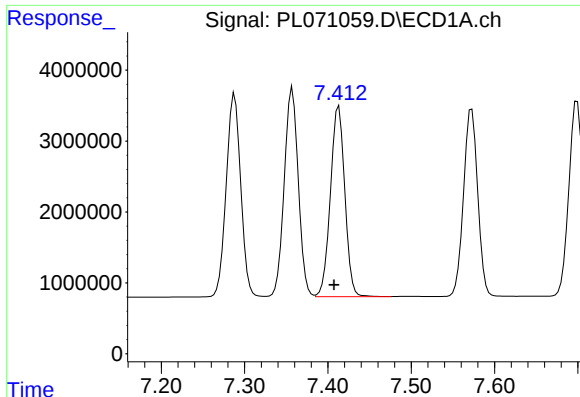
#8 Heptachlor epoxide

R.T.: 7.011 min
Delta R.T.: 0.005 min
Response: 34187873
Conc: 52.58 ng/ml



#8 Heptachlor epoxide

R.T.: 7.965 min
Delta R.T.: 0.005 min
Response: 82968813
Conc: 54.44 ng/ml



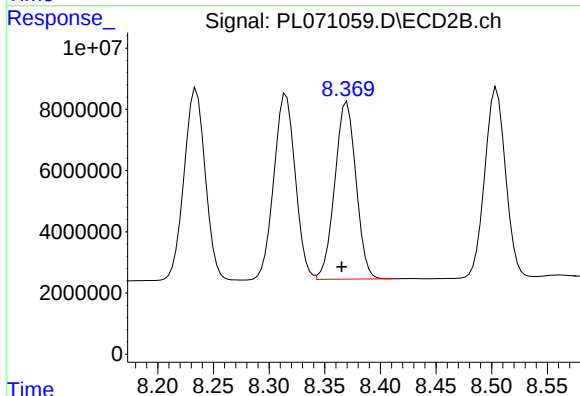
#9 Endosulfan I

R.T.: 7.413 min
Delta R.T.: 0.006 min
Response: 32353481
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

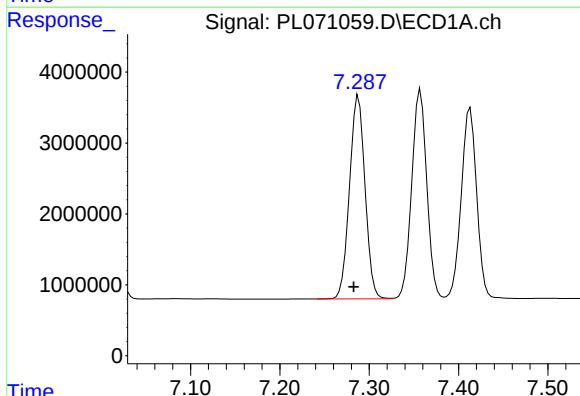
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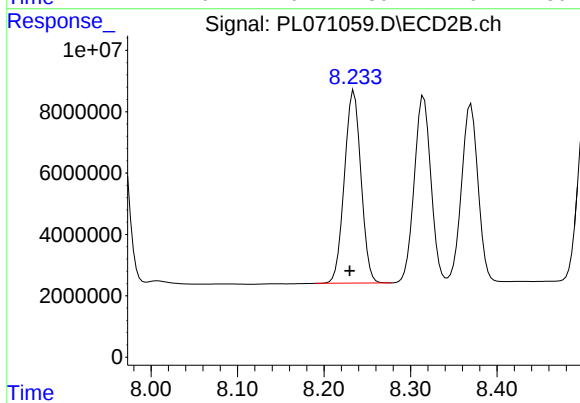
#9 Endosulfan I

R.T.: 8.370 min
Delta R.T.: 0.005 min
Response: 76793653
Conc: 53.38 ng/ml



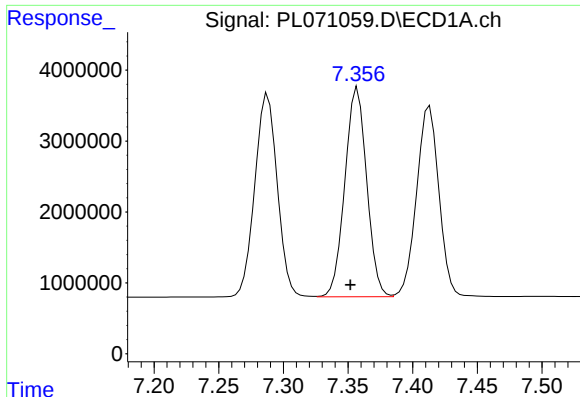
#10 gamma-Chlordane

R.T.: 7.288 min
Delta R.T.: 0.005 min
Response: 34622509
Conc: 52.16 ng/ml



#10 gamma-Chlordane

R.T.: 8.235 min
Delta R.T.: 0.005 min
Response: 83053707
Conc: 53.64 ng/ml



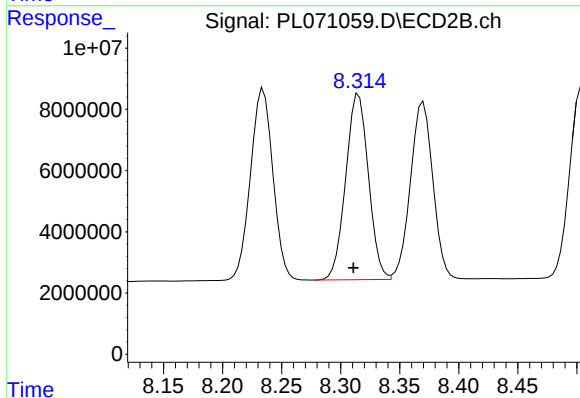
#11 alpha-Chlordane

R.T.: 7.357 min
Delta R.T.: 0.006 min
Response: 34627416
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

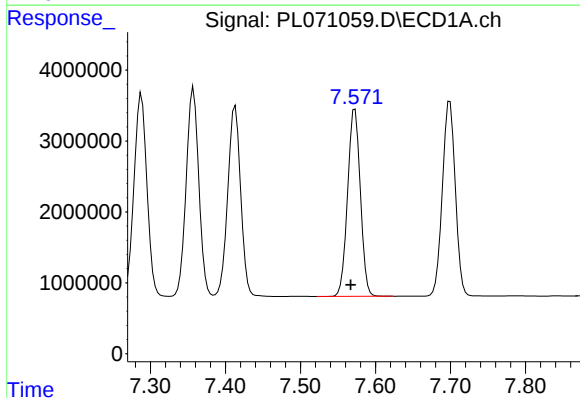
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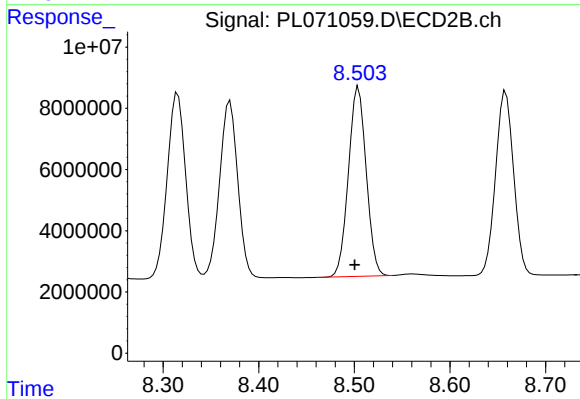
#11 alpha-Chlordane

R.T.: 8.315 min
Delta R.T.: 0.005 min
Response: 81387103
Conc: 53.51 ng/ml



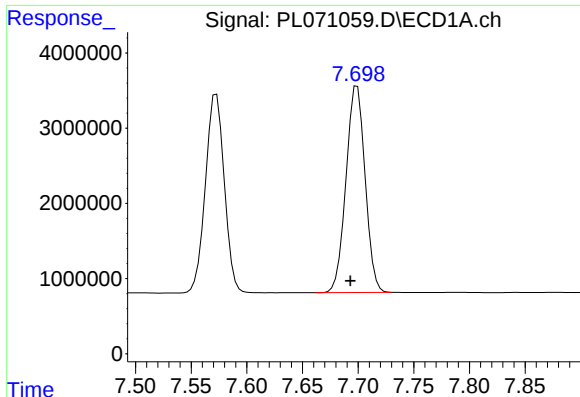
#12 4,4'-DDE

R.T.: 7.573 min
Delta R.T.: 0.006 min
Response: 31232193
Conc: 53.61 ng/ml



#12 4,4'-DDE

R.T.: 8.504 min
Delta R.T.: 0.004 min
Response: 80305609
Conc: 54.43 ng/ml



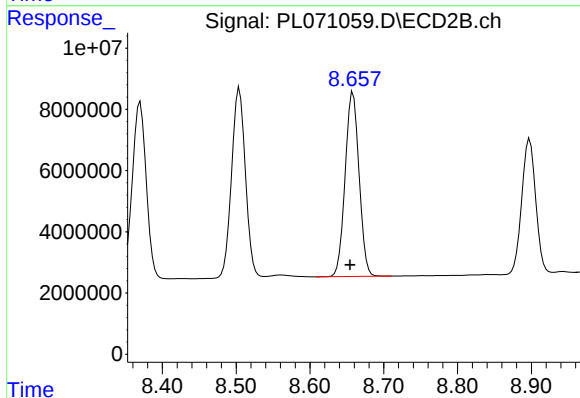
#13 Dieldrin

R.T.: 7.699 min
Delta R.T.: 0.006 min
Response: 32815006
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

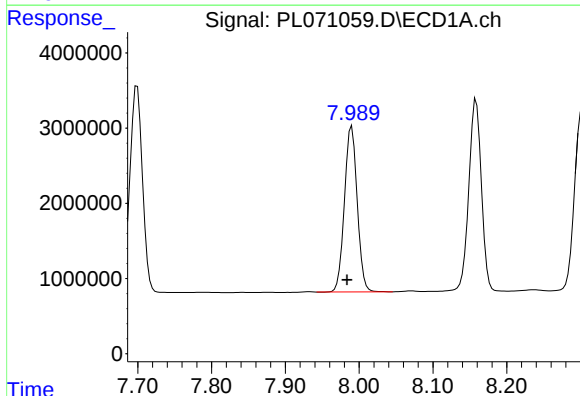
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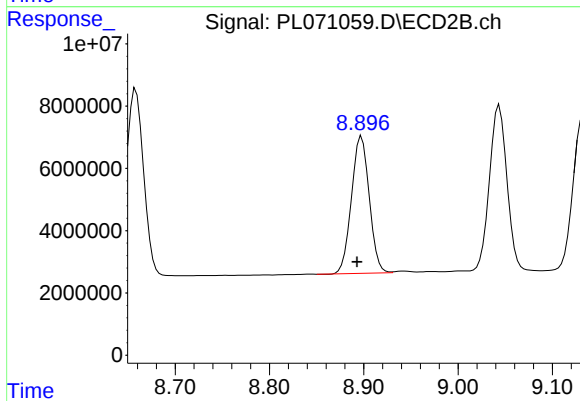
#13 Dieldrin

R.T.: 8.658 min
Delta R.T.: 0.004 min
Response: 78992418
Conc: 54.21 ng/ml



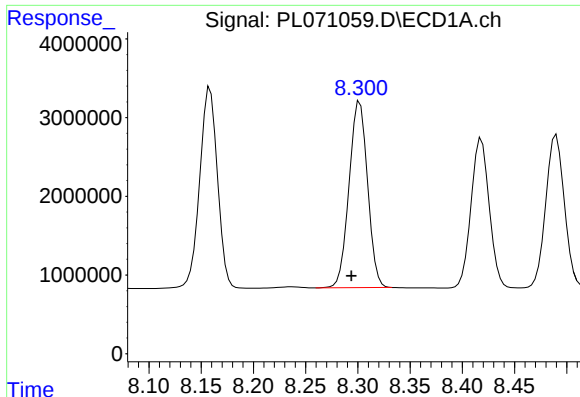
#14 Endrin

R.T.: 7.990 min
Delta R.T.: 0.006 min
Response: 26500610
Conc: 46.74 ng/ml



#14 Endrin

R.T.: 8.898 min
Delta R.T.: 0.005 min
Response: 57765601
Conc: 49.87 ng/ml



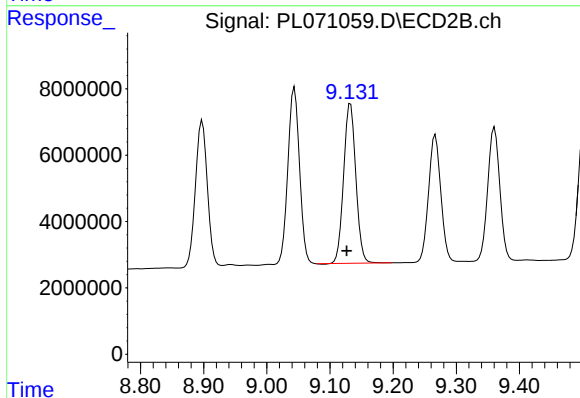
#15 Endosulfan II

R.T.: 8.302 min
Delta R.T.: 0.008 min
Response: 29175513
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

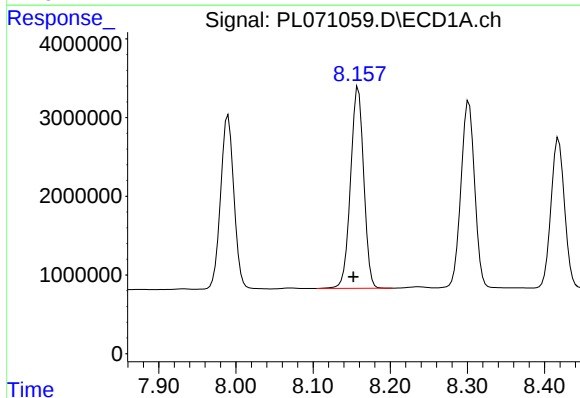
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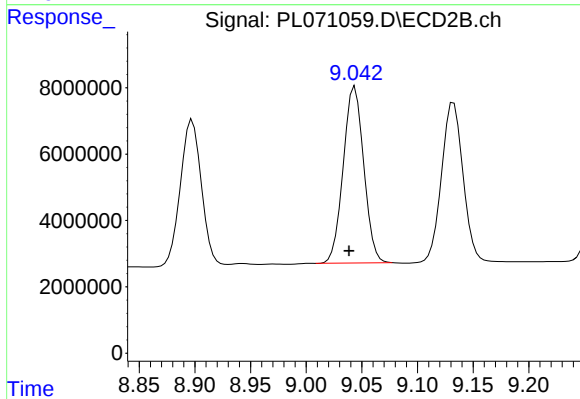
#15 Endosulfan II

R.T.: 9.132 min
Delta R.T.: 0.006 min
Response: 64598047
Conc: 52.89 ng/ml



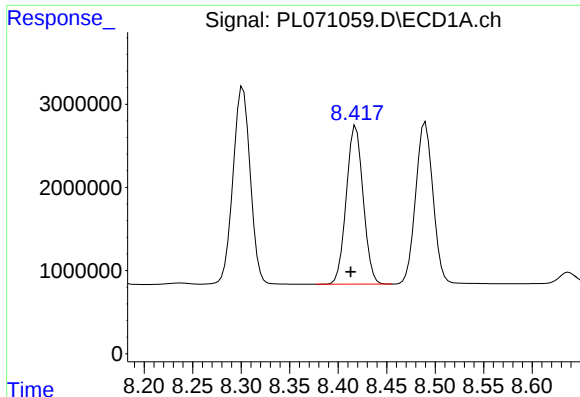
#16 4,4'-DDD

R.T.: 8.158 min
Delta R.T.: 0.006 min
Response: 30301161
Conc: 59.64 ng/ml



#16 4,4'-DDD

R.T.: 9.044 min
Delta R.T.: 0.005 min
Response: 68201352
Conc: 56.67 ng/ml



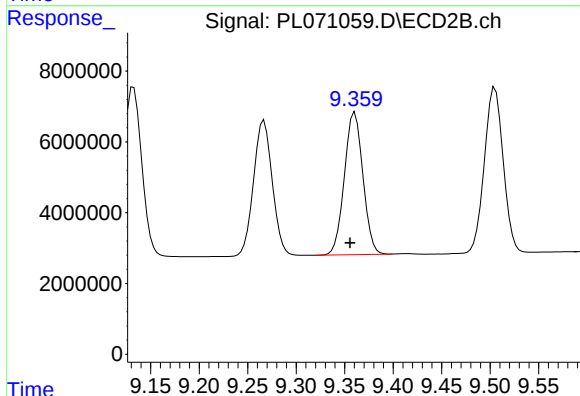
#17 4,4'-DDT

R.T.: 8.418 min
Delta R.T.: 0.005 min
Response: 23013213
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

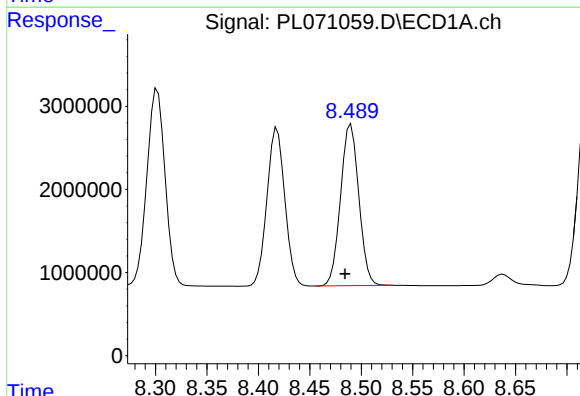
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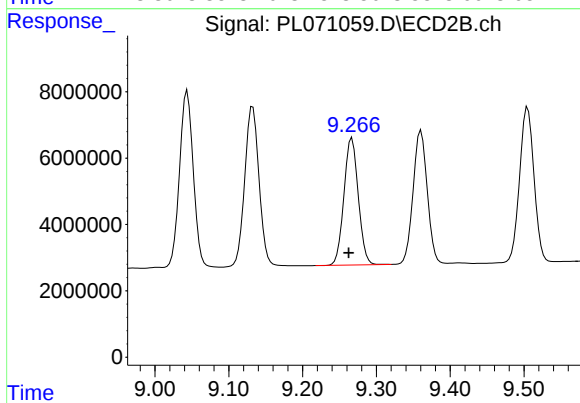
#17 4,4'-DDT

R.T.: 9.361 min
Delta R.T.: 0.005 min
Response: 53507483
Conc: 42.41 ng/ml



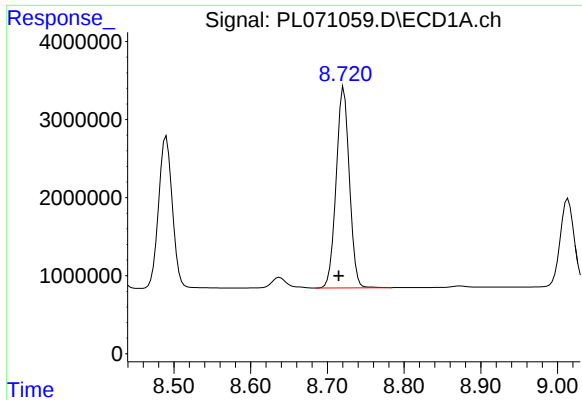
#18 Endrin aldehyde

R.T.: 8.490 min
Delta R.T.: 0.006 min
Response: 23993661
Conc: 52.81 ng/ml



#18 Endrin aldehyde

R.T.: 9.267 min
Delta R.T.: 0.005 min
Response: 51631043
Conc: 53.39 ng/ml



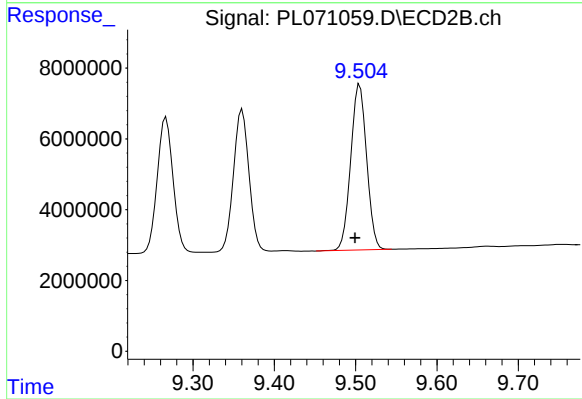
#19 Endosulfan Sulfate

R.T.: 8.721 min
Delta R.T.: 0.007 min
Response: 30748674
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

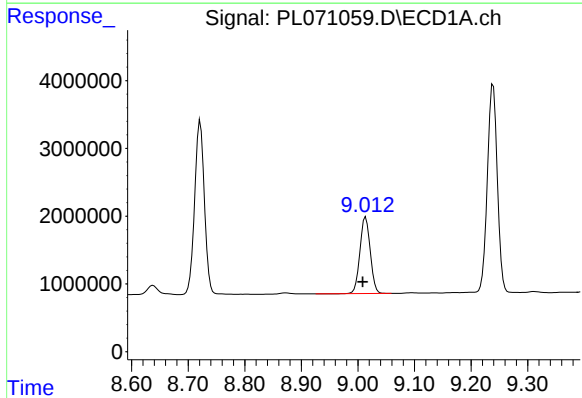
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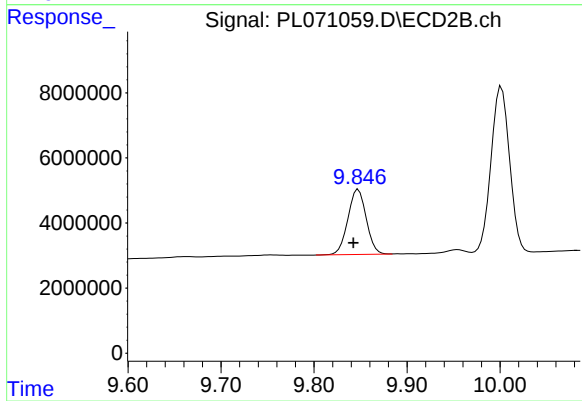
#19 Endosulfan Sulfate

R.T.: 9.505 min
Delta R.T.: 0.005 min
Response: 63412914
Conc: 51.16 ng/ml



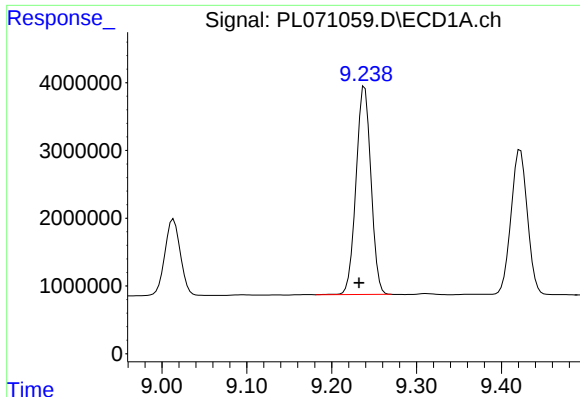
#20 Methoxychlor

R.T.: 9.014 min
Delta R.T.: 0.005 min
Response: 14288713
Conc: 39.06 ng/ml



#20 Methoxychlor

R.T.: 9.848 min
Delta R.T.: 0.005 min
Response: 27400745
Conc: 40.49 ng/ml



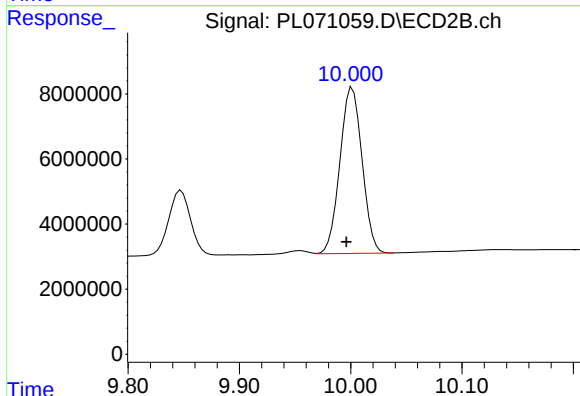
#21 Endrin ketone

R.T.: 9.239 min
Delta R.T.: 0.007 min
Response: 37495422
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

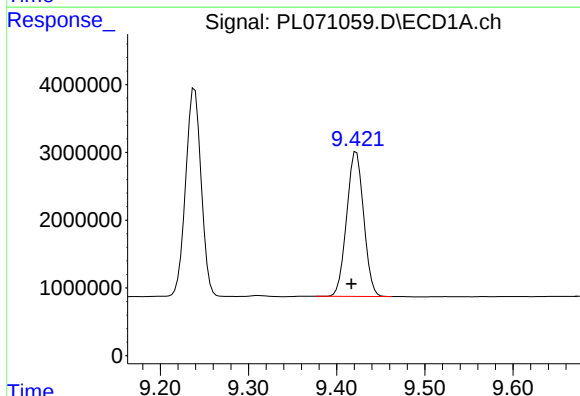
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Supervised By :mohammad ahmed 11/19/2021



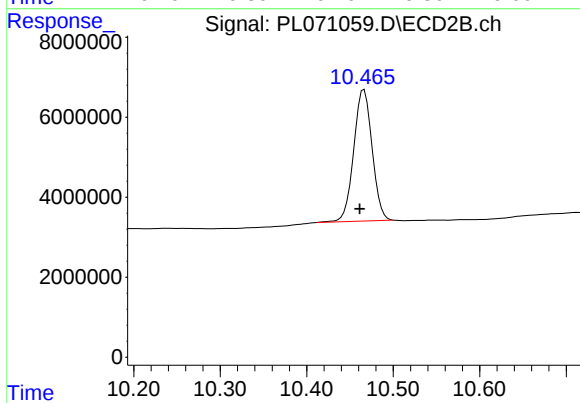
#21 Endrin ketone

R.T.: 10.002 min
Delta R.T.: 0.005 min
Response: 70612382
Conc: 49.19 ng/ml



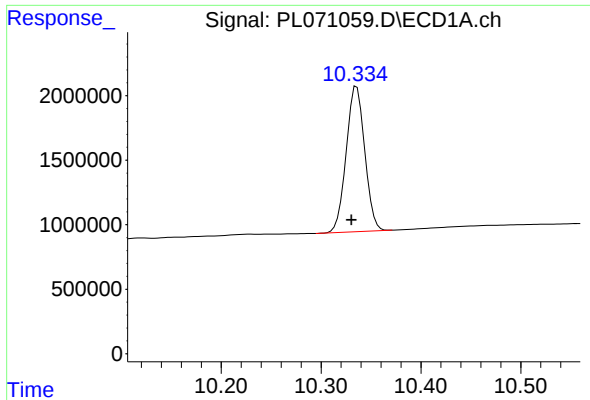
#22 Mirex

R.T.: 9.422 min
Delta R.T.: 0.006 min
Response: 28594804
Conc: 46.56 ng/ml



#22 Mirex

R.T.: 10.466 min
Delta R.T.: 0.005 min
Response: 48553264
Conc: 46.61 ng/ml



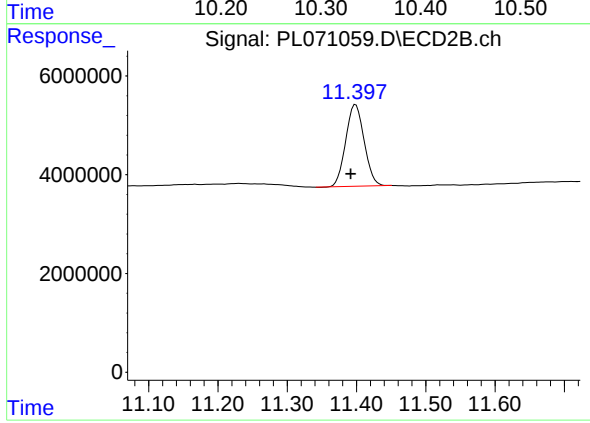
#28 Decachlorobiphenyl

R.T.: 10.336 min
Delta R.T.: 0.005 min
Response: 14569000
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB140837BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/19/2021
Supervised By :mohammad ahmed 11/19/2021



#28 Decachlorobiphenyl

R.T.: 11.399 min
Delta R.T.: 0.007 min
Response: 30566360
Conc: 22.86 ng/ml