

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
 Data File : PL071549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2021 11:20
 Operator : AR\AJ
 Sample : M5142-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 A2MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/22/2021
 Supervised By : mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:32:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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...	4.561	5.498	9949661	25289182	20.991	21.228
28)	SA Decachlor...	10.322	11.389	14433180	22907691	21.724	21.084
Target Compounds							
2)	A alpha-BHC	5.267	6.080	34052533	89827362	53.544	52.235
3)	MA gamma-BHC...	5.690	6.475	33528321	83383752	51.310	52.242
4)	MA Heptachlor	6.097	7.122	36440550	84647310	52.749	53.029
5)	MB Aldrin	6.421	7.491	33837533	80131994	54.951	54.864
6)	B beta-BHC	6.075	6.733	14385725	36388772	50.378	45.460
7)	B delta-BHC	6.333	6.997	33227764	83457157	53.128	54.621m
8)	B Heptachlo...	6.998	7.958	32789399	72428070	53.573	53.994
9)	A Endosulfan I	7.400	8.363	30969040	63669426	53.344	53.047
10)	B gamma-Chl...	7.275	8.228	33700026	71028686	54.292	54.932
11)	B alpha-Chl...	7.345	8.308	33749195	67938148	54.110	53.471
12)	B 4,4'-DDE	7.560	8.498	30246534	67055347	55.423	56.294
13)	MA Dieldrin	7.686	8.653	33086470	70190409	56.499	57.732
14)	MA Endrin	7.977	8.891	30872351	60311747	56.365	59.532
15)	B Endosulfa...	8.289	9.127	30876787	60684907	56.652	60.136
16)	A 4,4'-DDD	8.146	9.038	25595903	53074411	54.382	60.127
17)	MA 4,4'-DDT	8.406	9.354	27705276	56657402	54.288	57.296
18)	B Endrin al...	8.478	9.262	25081252	47997033	58.980	63.719
19)	B Endosulfa...	8.709	9.499	30712968	57397181	53.496	58.563
20)	A Methoxychlor	9.001	9.842	17158268	29322054	52.974	58.414
21)	B Endrin ke...	9.227	9.996	36151512	60627883	54.812	57.654
22)	Mirex	9.409	10.459	32785210	49572181	56.509	61.591

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122121\
 Data File : PL071549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2021 11:20
 Operator : AR\AJ
 Sample : M5142-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

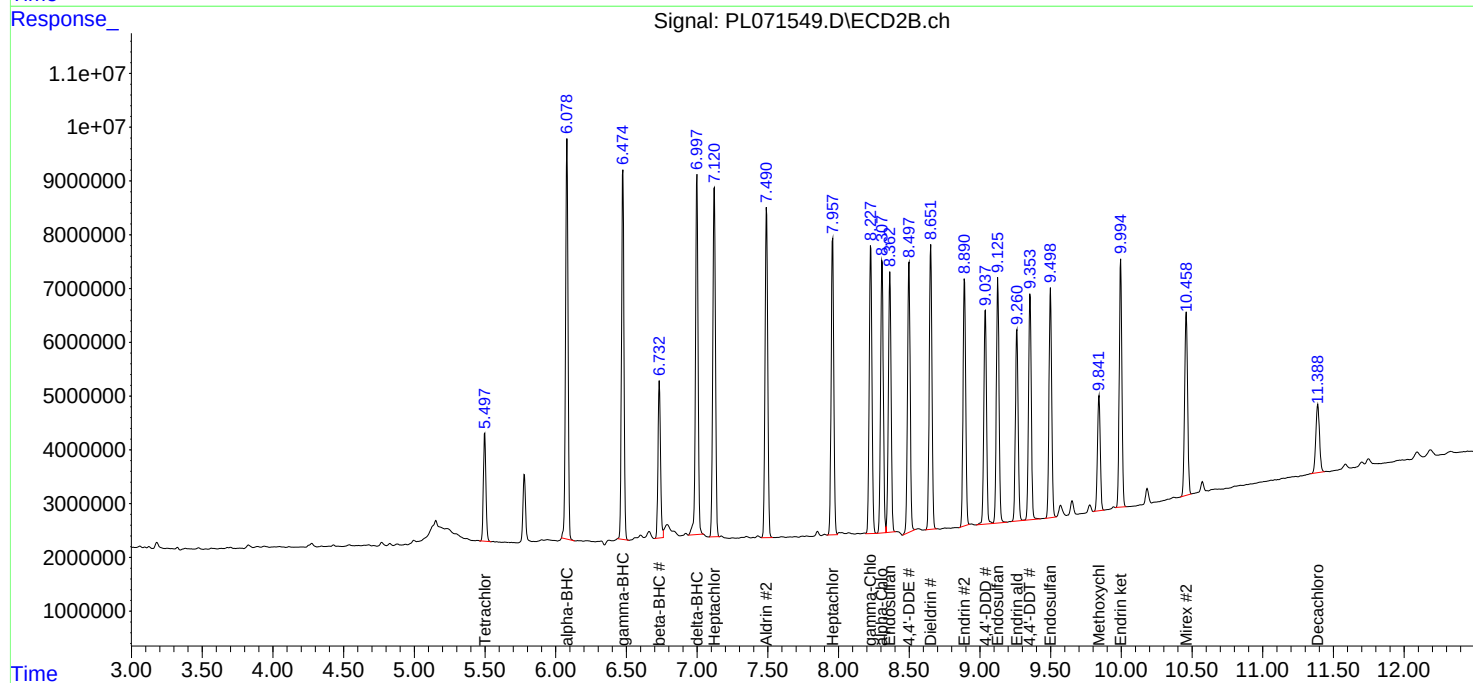
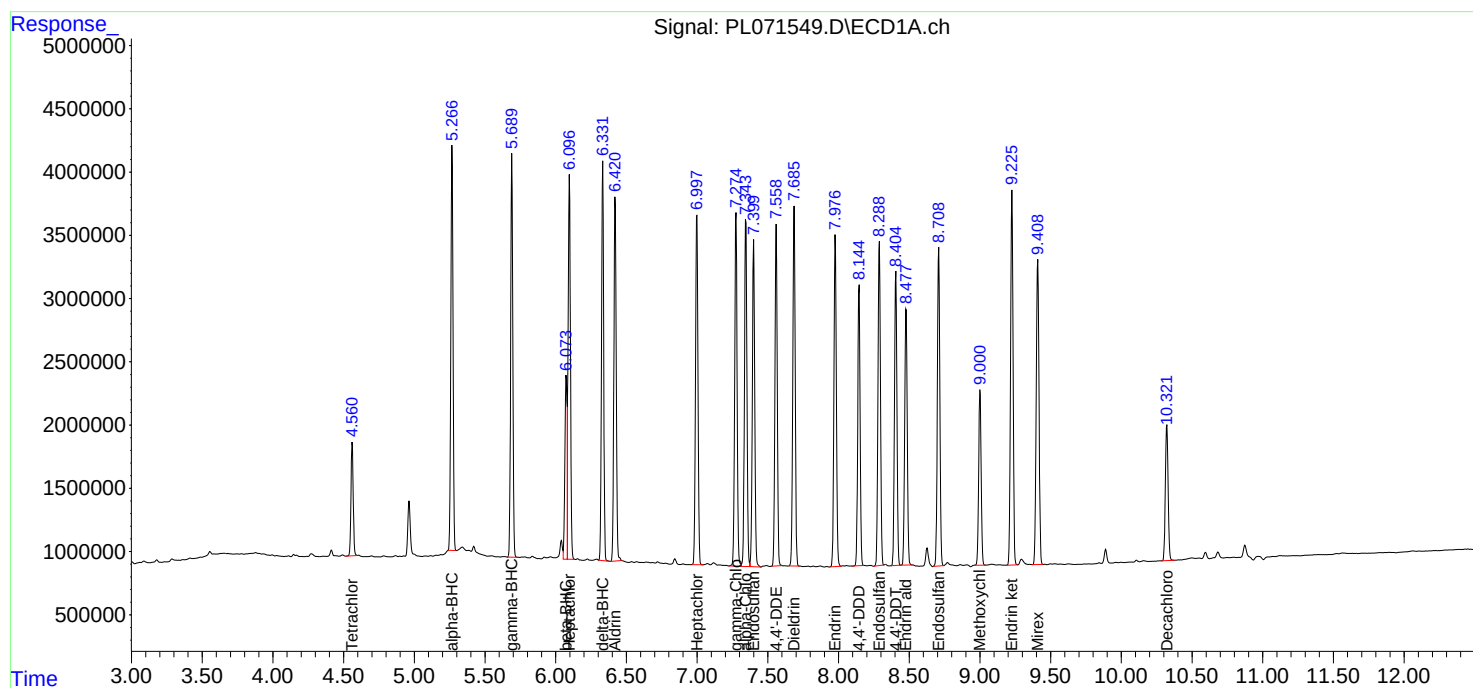
Instrument :
 ECD_L
 ClientSampleId :
 A2MSD

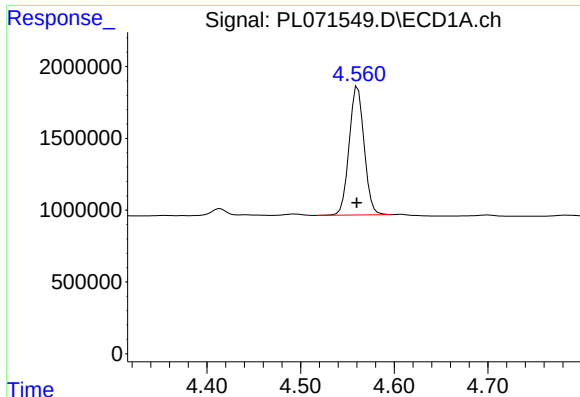
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 12/22/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:32:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 14:29:34 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





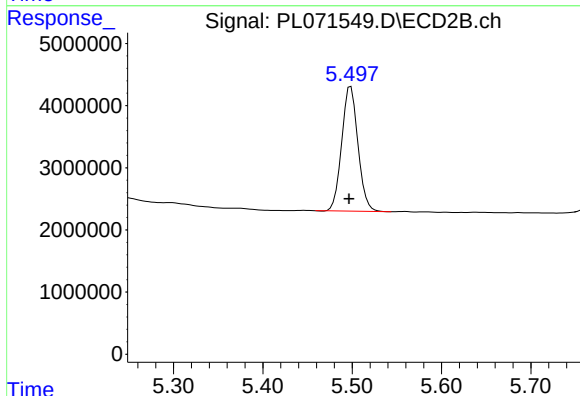
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.000 min
Response: 9949661
Conc: 20.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

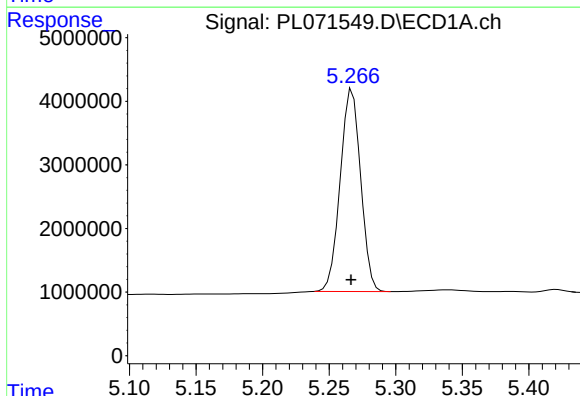
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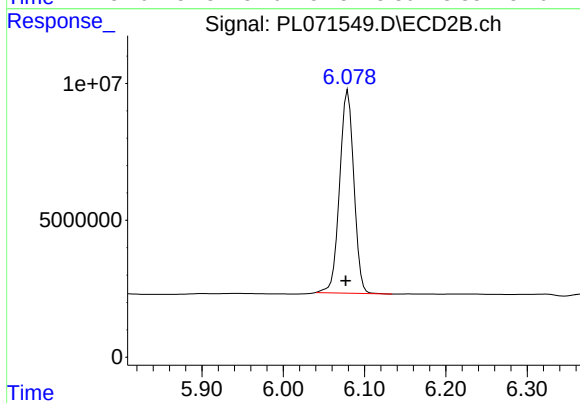
#1 Tetrachloro-m-xylene

R.T.: 5.498 min
Delta R.T.: 0.002 min
Response: 25289182
Conc: 21.23 ng/ml



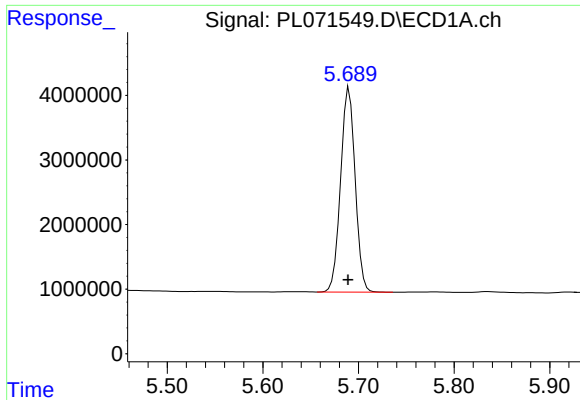
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: 0.001 min
Response: 34052533
Conc: 53.54 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 89827362
Conc: 52.23 ng/ml



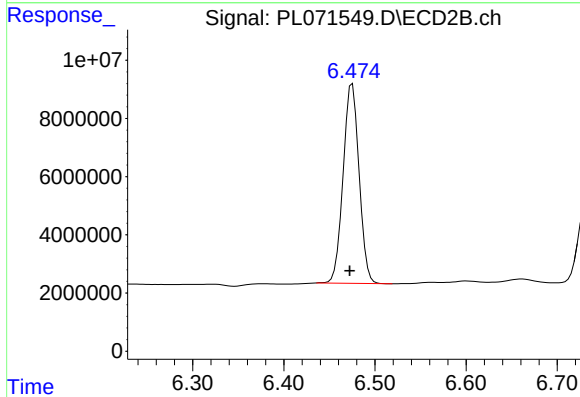
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.001 min
Response: 33528321
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

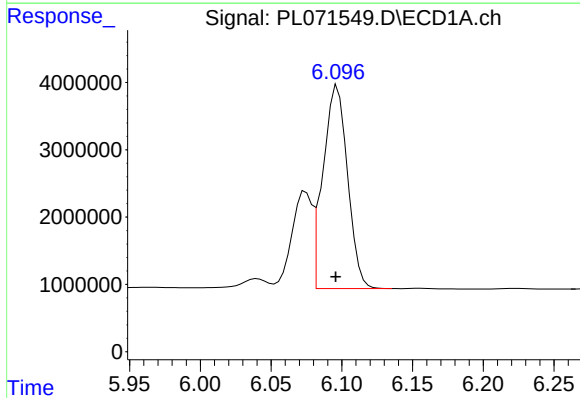
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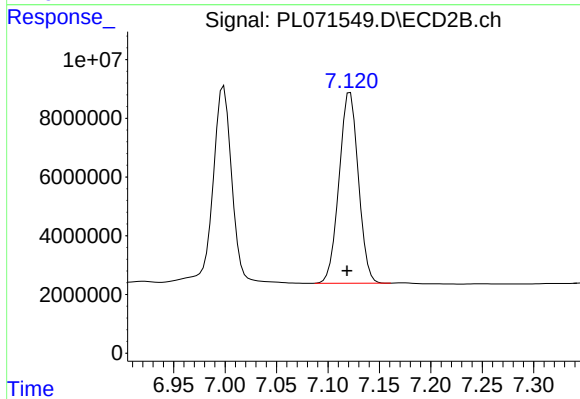
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: 0.003 min
Response: 83383752
Conc: 52.24 ng/ml



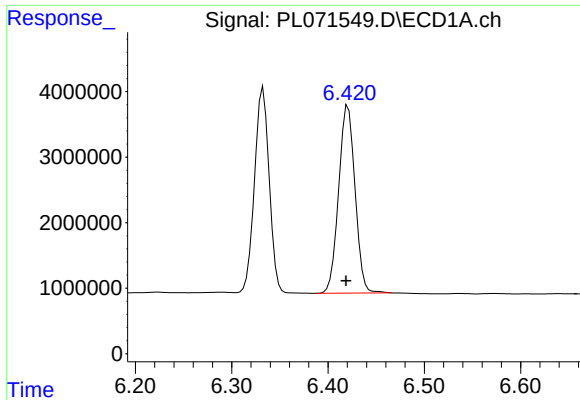
#4 Heptachlor

R.T.: 6.097 min
Delta R.T.: 0.001 min
Response: 36440550
Conc: 52.75 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: 0.003 min
Response: 84647310
Conc: 53.03 ng/ml



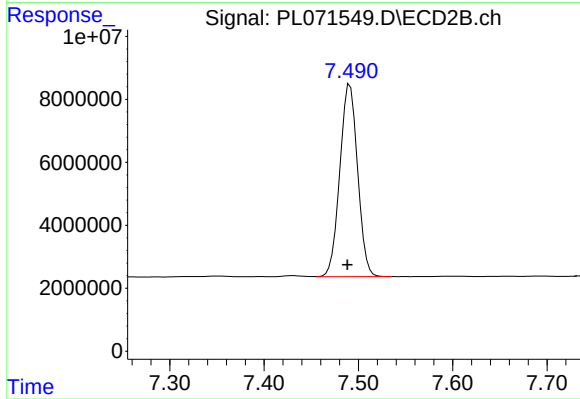
#5 Aldrin

R.T.: 6.421 min
Delta R.T.: 0.002 min
Response: 33837533
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

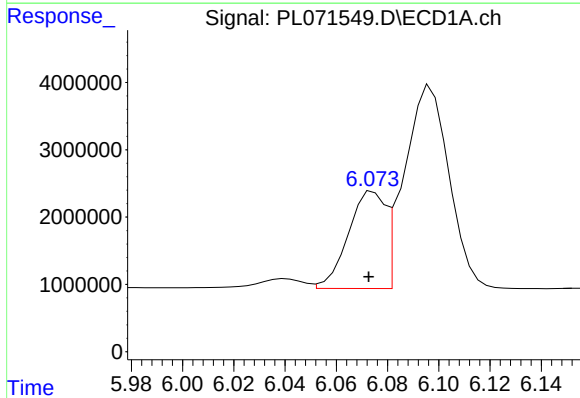
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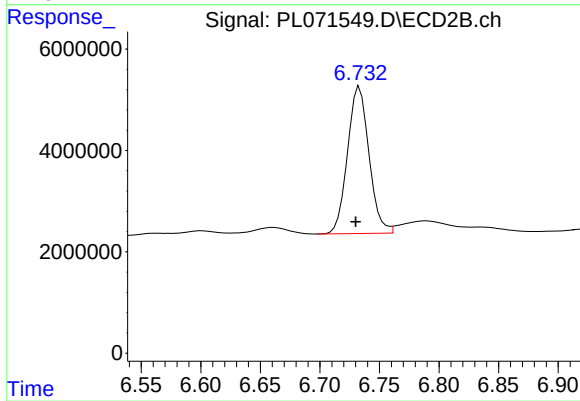
#5 Aldrin

R.T.: 7.491 min
Delta R.T.: 0.003 min
Response: 80131994
Conc: 54.86 ng/ml



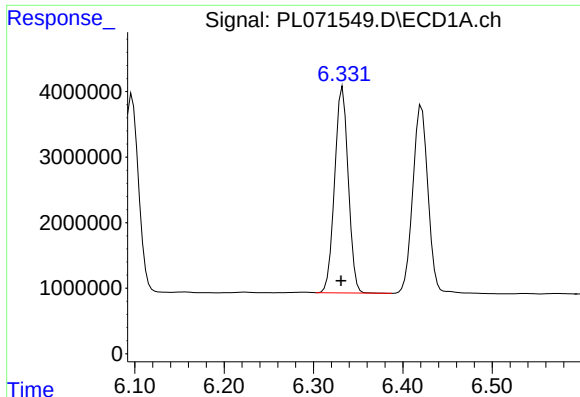
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 14385725
Conc: 50.38 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 36388772
Conc: 45.46 ng/ml



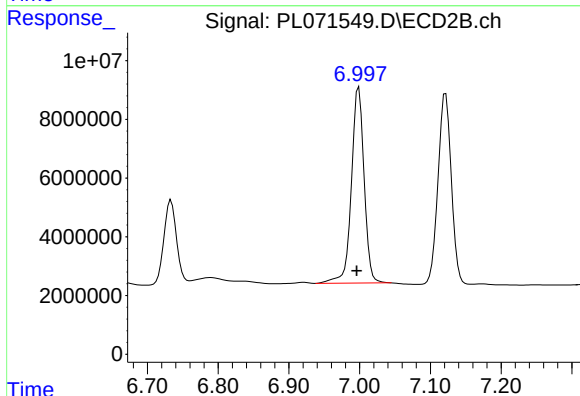
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 33227764
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

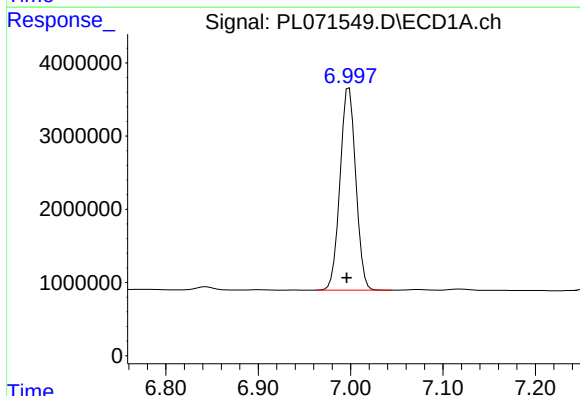
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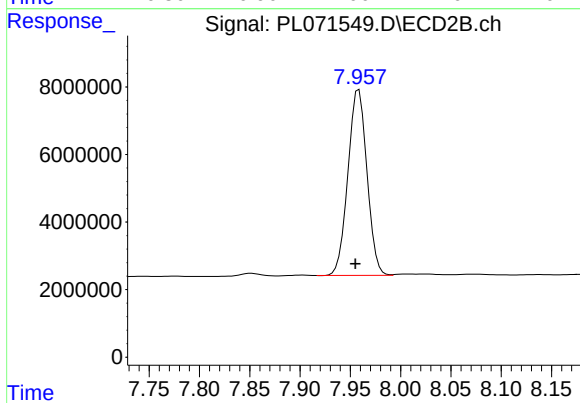
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.002 min
Response: 83457157
Conc: 54.62 ng/ml m



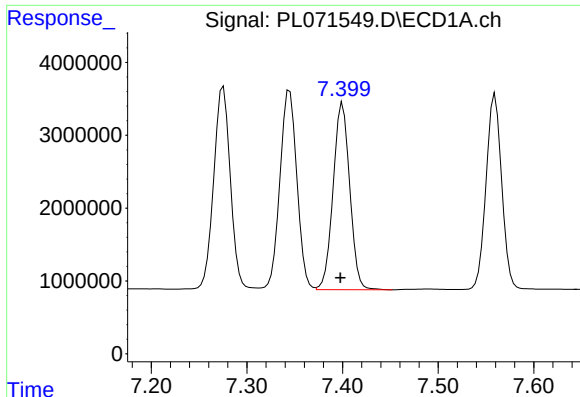
#8 Heptachlor epoxide

R.T.: 6.998 min
Delta R.T.: 0.002 min
Response: 32789399
Conc: 53.57 ng/ml



#8 Heptachlor epoxide

R.T.: 7.958 min
Delta R.T.: 0.003 min
Response: 72428070
Conc: 53.99 ng/ml



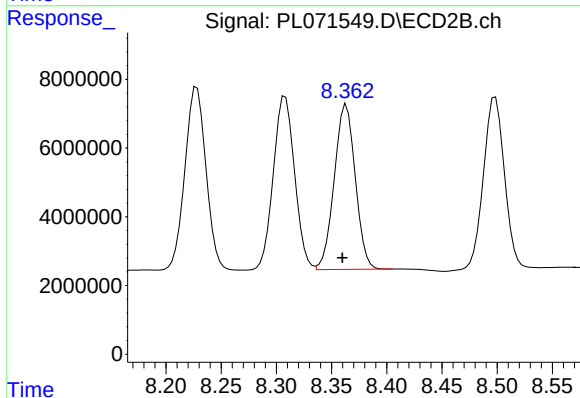
#9 Endosulfan I

R.T.: 7.400 min
Delta R.T.: 0.002 min
Response: 30969040
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

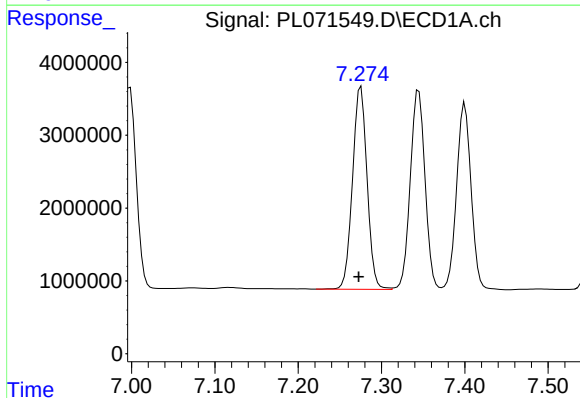
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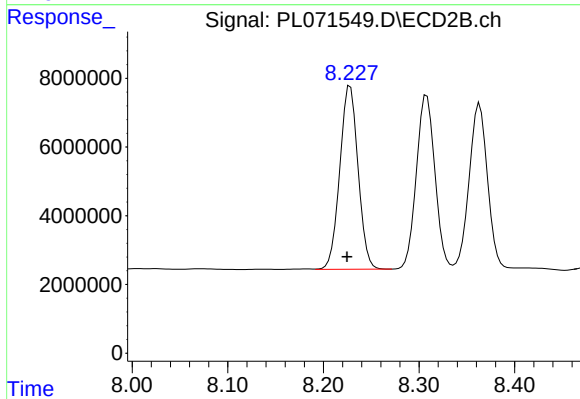
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: 0.003 min
Response: 63669426
Conc: 53.05 ng/ml



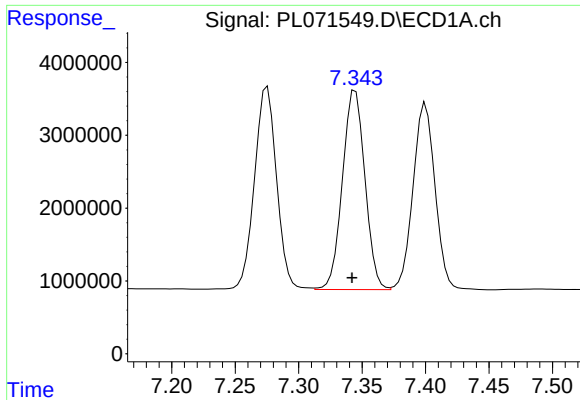
#10 gamma-Chlordane

R.T.: 7.275 min
Delta R.T.: 0.003 min
Response: 33700026
Conc: 54.29 ng/ml



#10 gamma-Chlordane

R.T.: 8.228 min
Delta R.T.: 0.003 min
Response: 71028686
Conc: 54.93 ng/ml



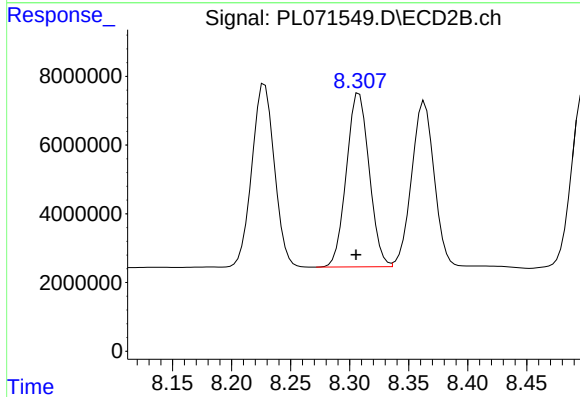
#11 alpha-Chlordane

R.T.: 7.345 min
Delta R.T.: 0.003 min
Response: 33749195
Conc: 54.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

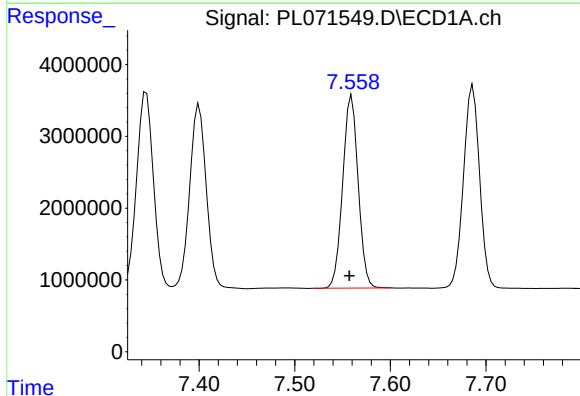
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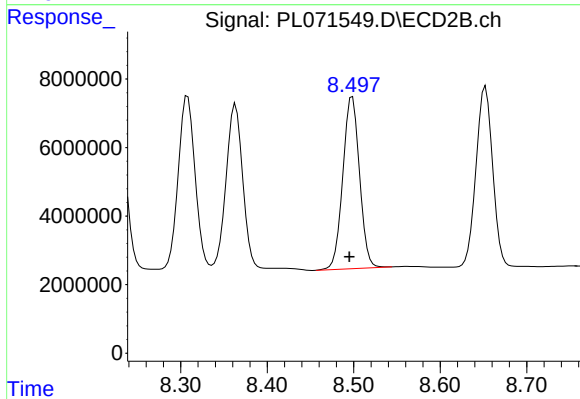
#11 alpha-Chlordane

R.T.: 8.308 min
Delta R.T.: 0.003 min
Response: 67938148
Conc: 53.47 ng/ml



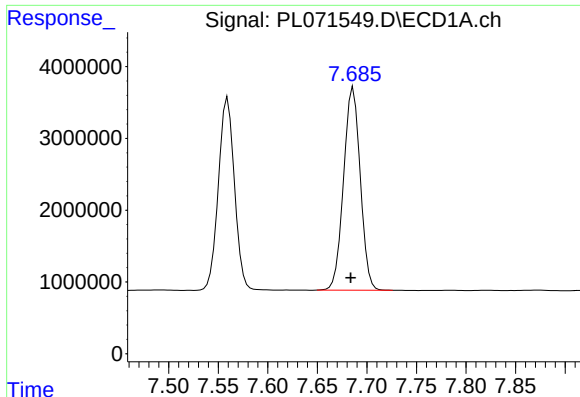
#12 4,4'-DDE

R.T.: 7.560 min
Delta R.T.: 0.002 min
Response: 30246534
Conc: 55.42 ng/ml



#12 4,4'-DDE

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 67055347
Conc: 56.29 ng/ml



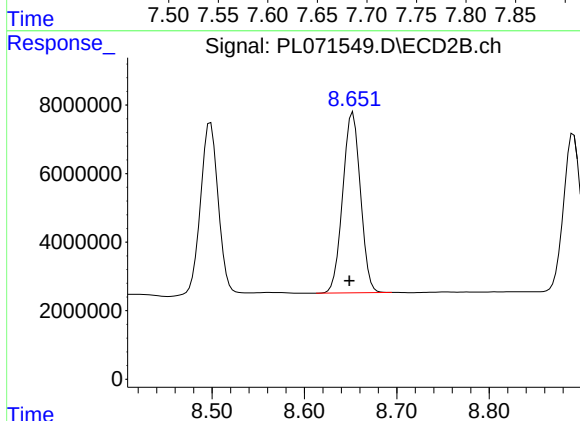
#13 Dieldrin

R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 33086470
Conc: 56.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

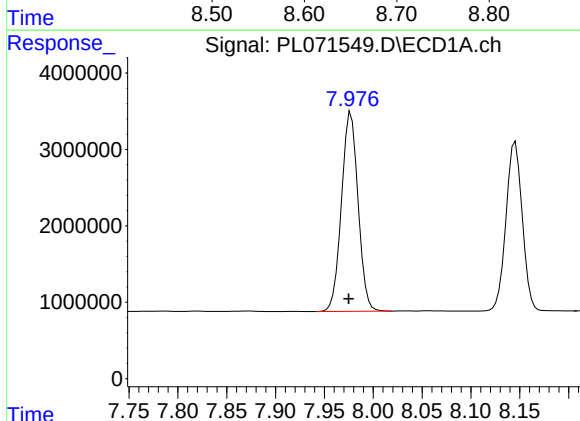
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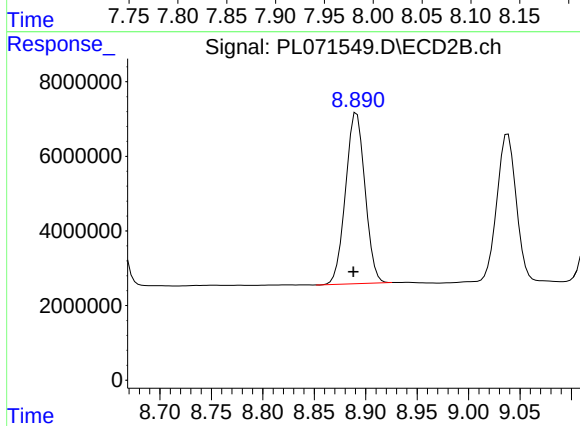
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: 0.004 min
Response: 70190409
Conc: 57.73 ng/ml



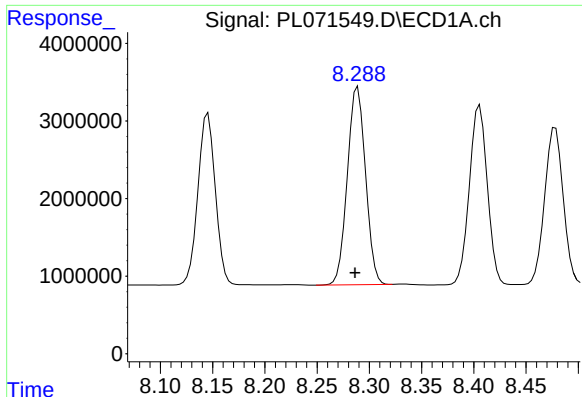
#14 Endrin

R.T.: 7.977 min
Delta R.T.: 0.002 min
Response: 30872351
Conc: 56.37 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: 0.003 min
Response: 60311747
Conc: 59.53 ng/ml



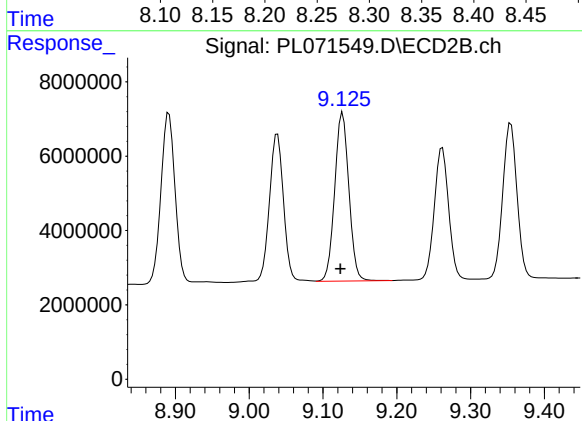
#15 Endosulfan II

R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 30876787
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

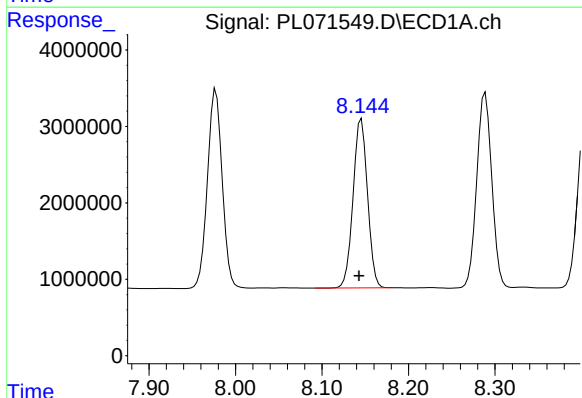
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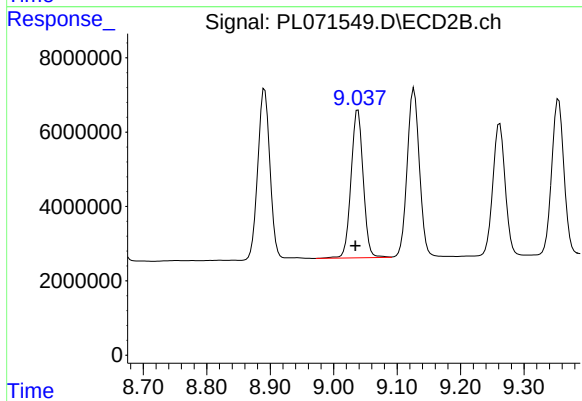
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.003 min
Response: 60684907
Conc: 60.14 ng/ml



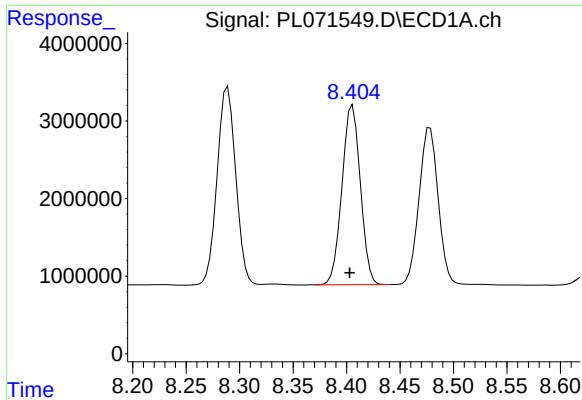
#16 4,4'-DDD

R.T.: 8.146 min
Delta R.T.: 0.003 min
Response: 25595903
Conc: 54.38 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.004 min
Response: 53074411
Conc: 60.13 ng/ml



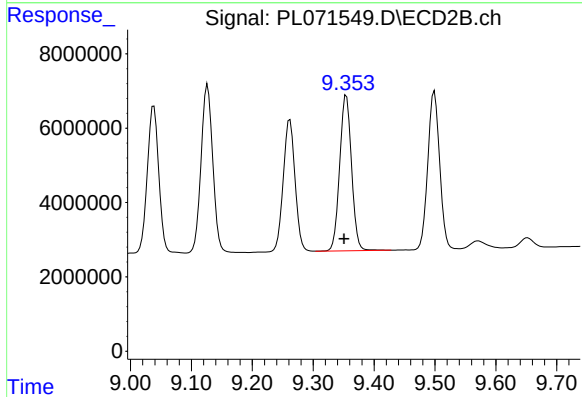
#17 4,4'-DDT

R.T.: 8.406 min
Delta R.T.: 0.003 min
Response: 27705276
Conc: 54.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

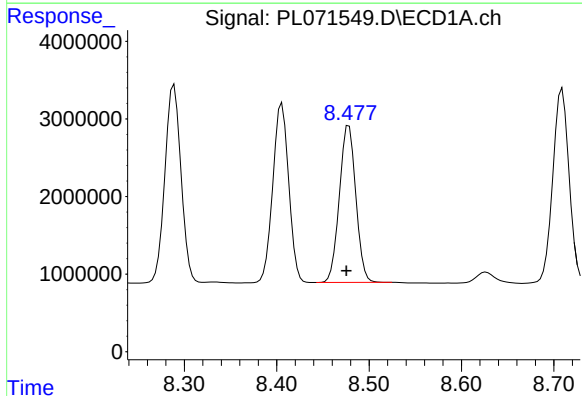
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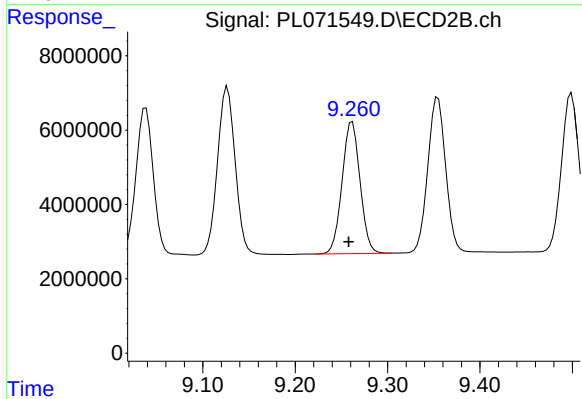
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: 0.004 min
Response: 56657402
Conc: 57.30 ng/ml



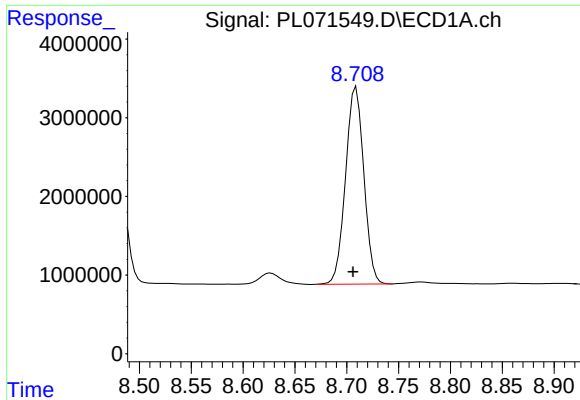
#18 Endrin aldehyde

R.T.: 8.478 min
Delta R.T.: 0.003 min
Response: 25081252
Conc: 58.98 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.004 min
Response: 47997033
Conc: 63.72 ng/ml



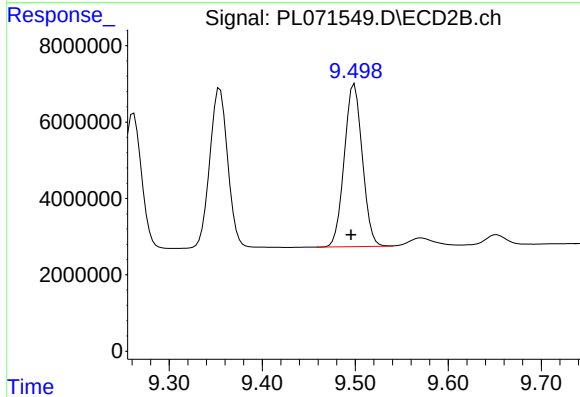
#19 Endosulfan Sulfate

R.T.: 8.709 min
Delta R.T.: 0.003 min
Response: 30712968
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

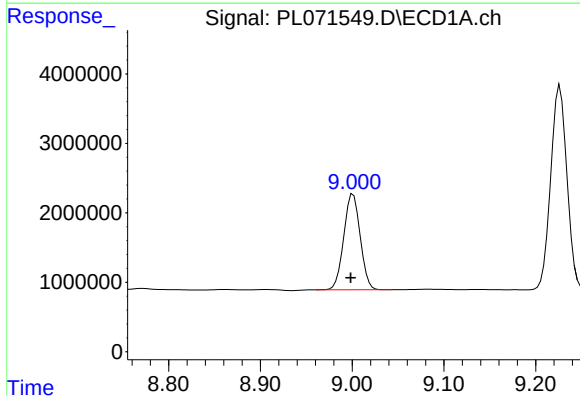
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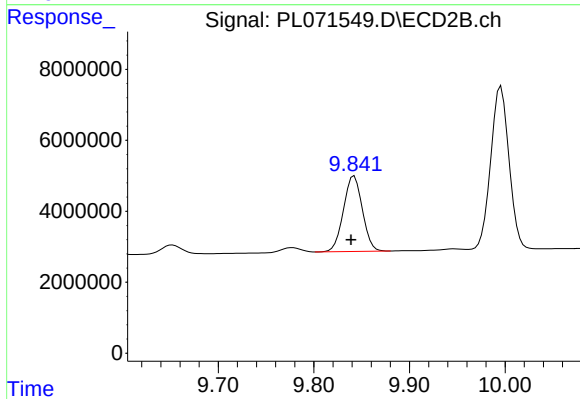
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.004 min
Response: 57397181
Conc: 58.56 ng/ml



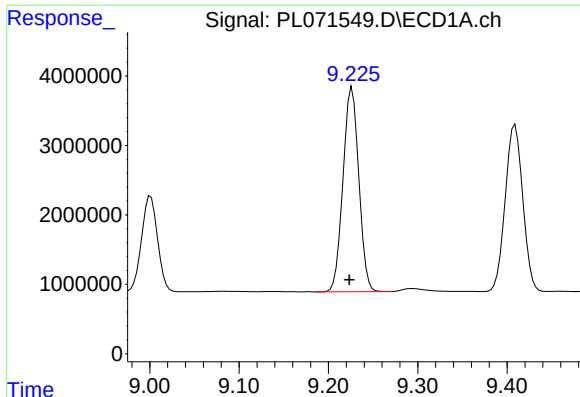
#20 Methoxychlor

R.T.: 9.001 min
Delta R.T.: 0.003 min
Response: 17158268
Conc: 52.97 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.003 min
Response: 29322054
Conc: 58.41 ng/ml



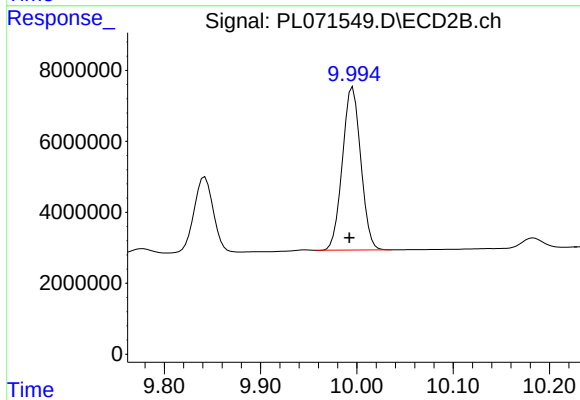
#21 Endrin ketone

R.T.: 9.227 min
Delta R.T.: 0.003 min
Response: 36151512
Conc: 54.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

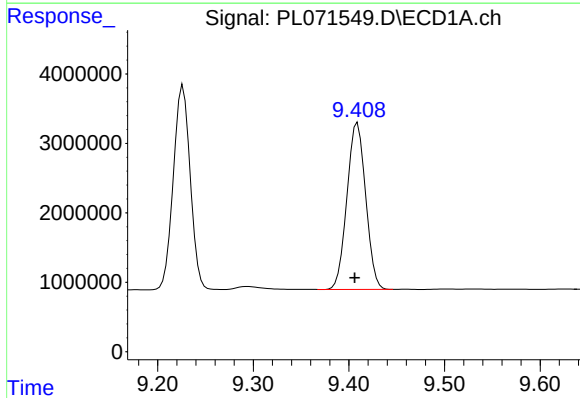
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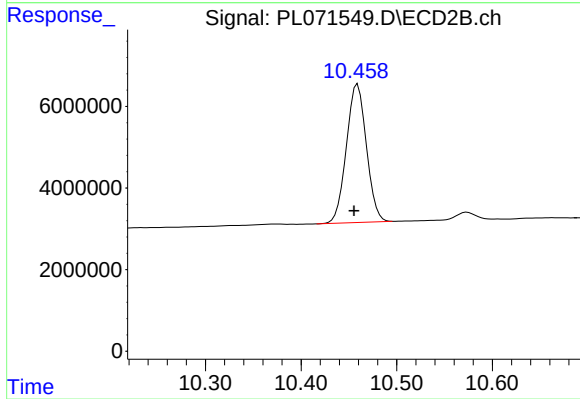
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.004 min
Response: 60627883
Conc: 57.65 ng/ml



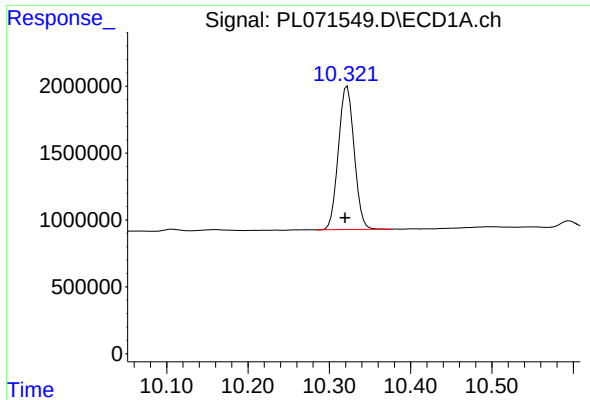
#22 Mirex

R.T.: 9.409 min
Delta R.T.: 0.003 min
Response: 32785210
Conc: 56.51 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: 0.004 min
Response: 49572181
Conc: 61.59 ng/ml



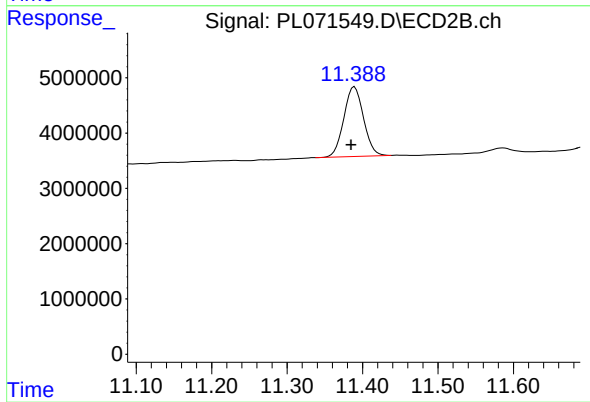
#28 Decachlorobiphenyl

R.T.: 10.322 min
Delta R.T.: 0.003 min
Response: 14433180
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
A2MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2021
Supervised By :mohammad ahmed 12/22/2021



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: 0.004 min
Response: 22907691
Conc: 21.08 ng/ml