

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110421\
 Data File : PL070775.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2021 14:48
 Operator : AR\AJ
 Sample : M4448-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-224MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2021
 Supervised By : mohammad ahmed 11/08/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 14:28:03 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...	4.568	5.502	8336611	21964860	17.020	17.421
28)	SA Decachlor...	10.329	11.392	10410158	22899656	15.235	17.123
Target Compounds							
2)	A alpha-BHC	5.274	6.081	29123862	84688957	43.507	46.006
3)	MA gamma-BHC...	5.696	6.477	29220688	79358378	43.562	45.765
4)	MA Heptachlor	6.104	7.124	29512230	78191413	41.131	48.139
5)	MB Aldrin	6.428	7.493	27294489	73258417	42.683	45.115
6)	B beta-BHC	6.079	6.733	13497015	37814436	41.551	44.133
7)	B delta-BHC	6.338	6.999	28875244	74084548	43.630	44.302
8)	B Heptachlo...	7.005	7.960	28175424	68484438	43.337	44.933
9)	A Endosulfan I	7.407	8.365	27891566	62850697	45.532	43.688
10)	B gamma-Chl...	7.282	8.230	32597398	73221183	49.105	47.290
11)	B alpha-Chl...	7.352	8.310	31345115	77560900	47.039	50.994
12)	B 4,4'-DDE	7.567	8.500	27417782	65327395	47.059	44.274
13)	MA Dieldrin	7.693	8.654	27302064	63260974	43.738	43.415
14)	MA Endrin	7.984	8.893	25686559	53050262	45.305	45.800
15)	B Endosulfa...	8.295	9.127	24509738	53004542	40.489	43.398
16)	A 4,4'-DDD	8.153	9.039	21734779	54721275	42.777	45.471
17)	MA 4,4'-DDT	8.413	9.355	26981043	61170561	49.059	48.488
18)	B Endrin al...	8.484	9.262	19249237	40417803	42.370	41.795
19)	B Endosulfa...	8.715	9.499	25425054	52066728	41.215	42.010
20)	A Methoxychlor	9.009	9.842	17024675	27655753	46.536	40.862
21)	B Endrin ke...	9.232	9.996	29280926	66038136	40.949	46.004
22)	Mirex	9.415	10.461	24013012	44139774	39.101m	42.377

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

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 ALS Vial : 17 Sample Multiplier: 1

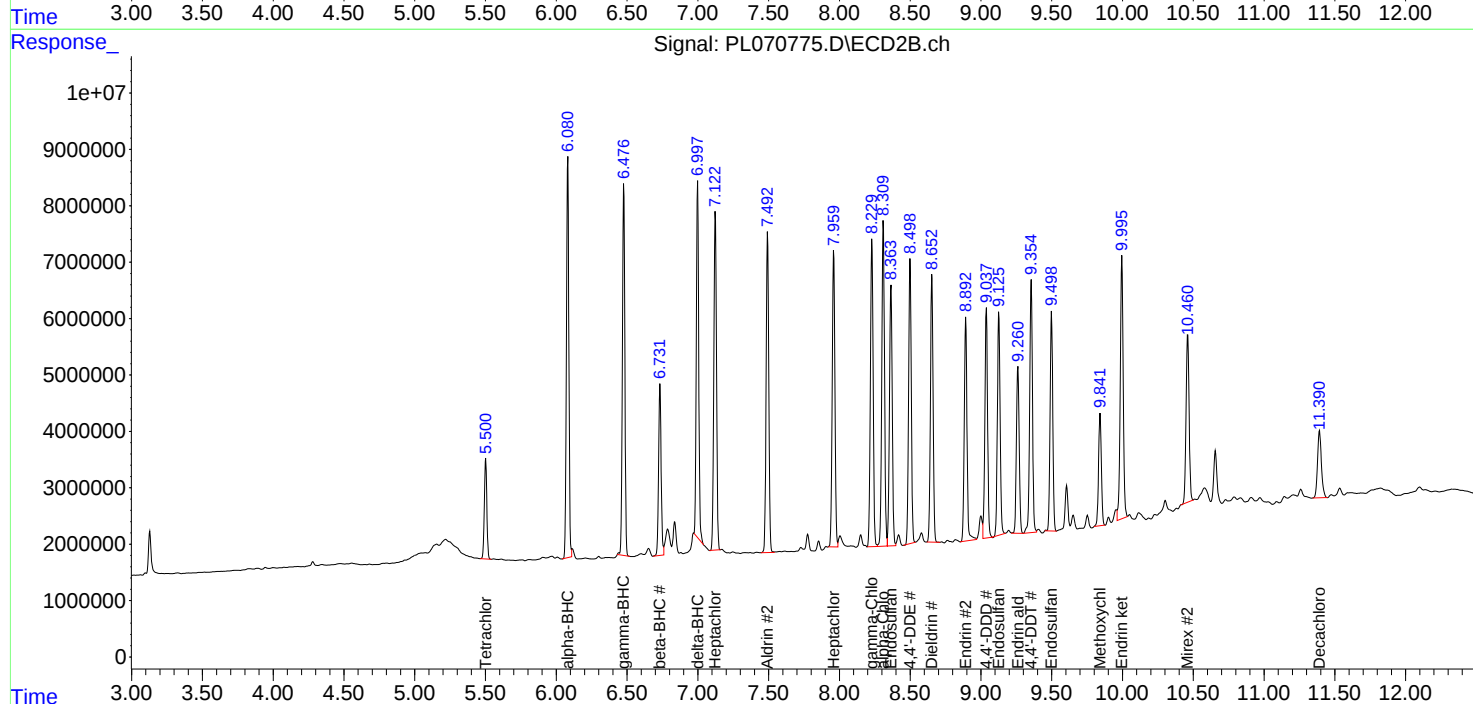
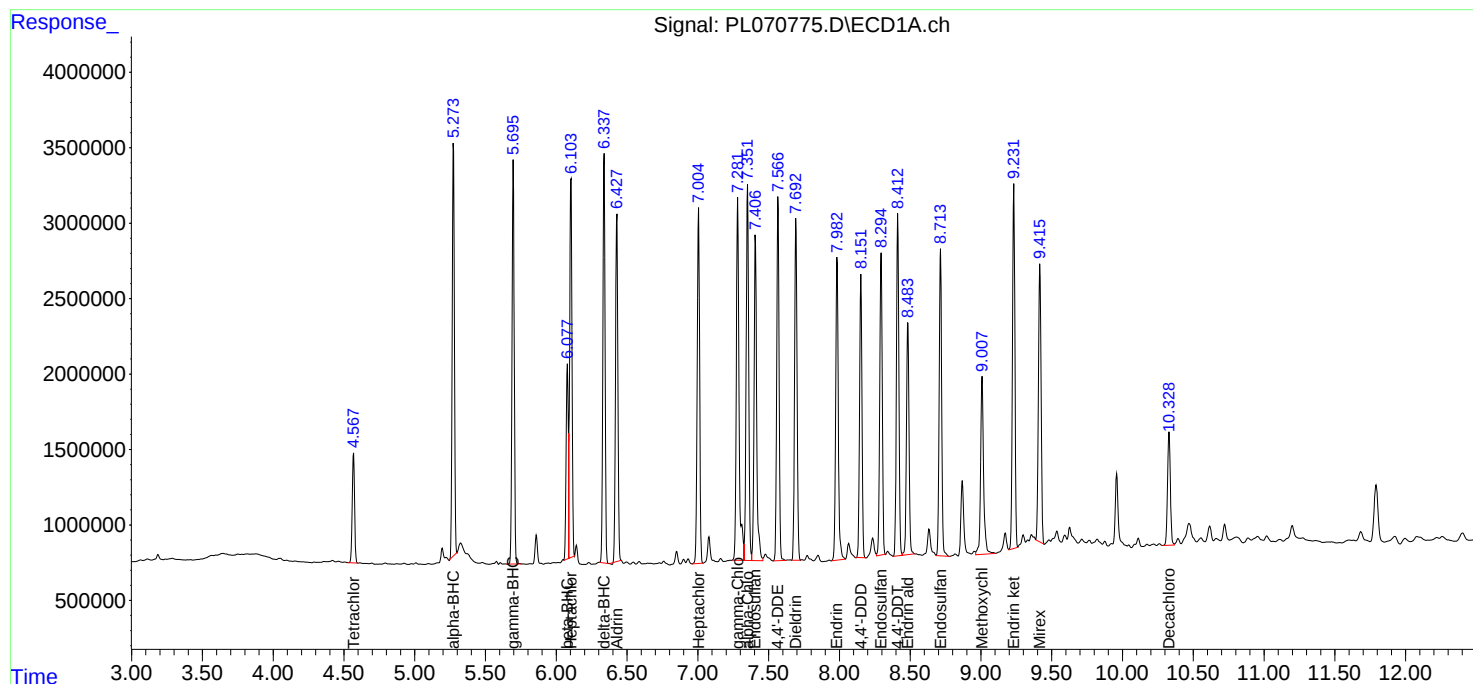
Instrument :
 ECD_L
 ClientSampleId :
 VNJ-224MSD

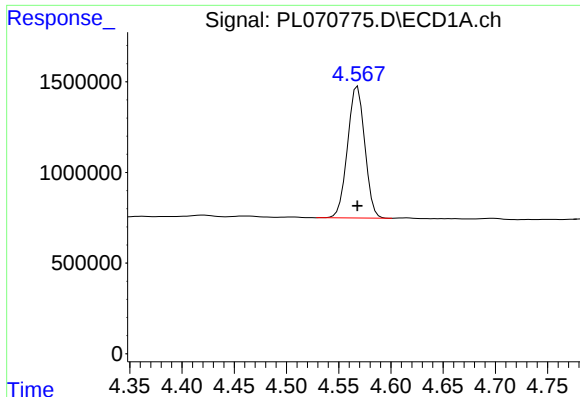
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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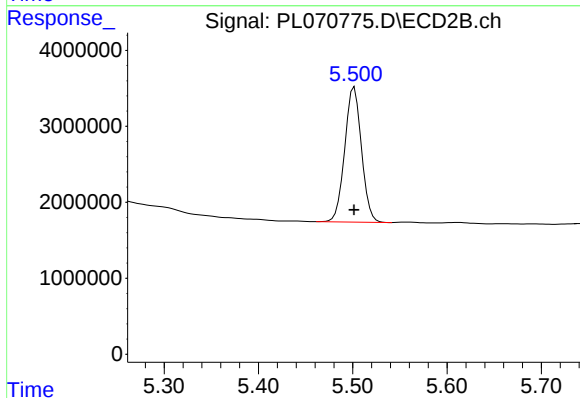
#1 Tetrachloro-m-xylene

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 8336611
Conc: 17.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

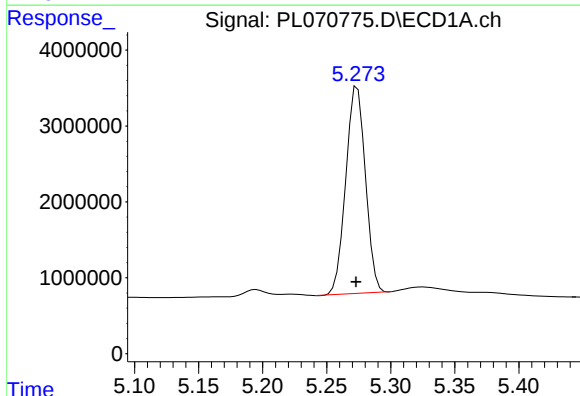
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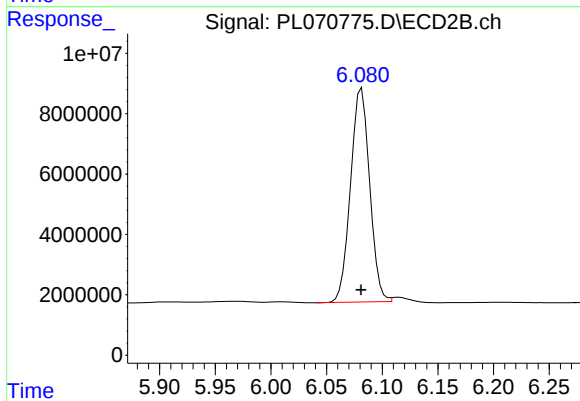
#1 Tetrachloro-m-xylene

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 21964860
Conc: 17.42 ng/ml



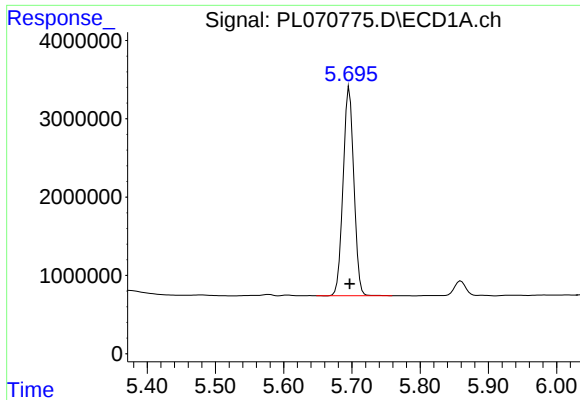
#2 alpha-BHC

R.T.: 5.274 min
Delta R.T.: 0.001 min
Response: 29123862
Conc: 43.51 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 84688957
Conc: 46.01 ng/ml



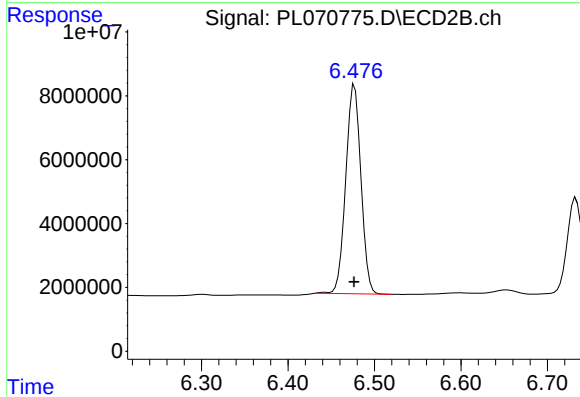
#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 29220688
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

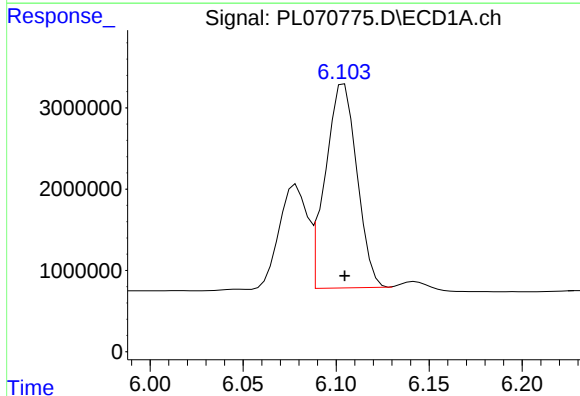
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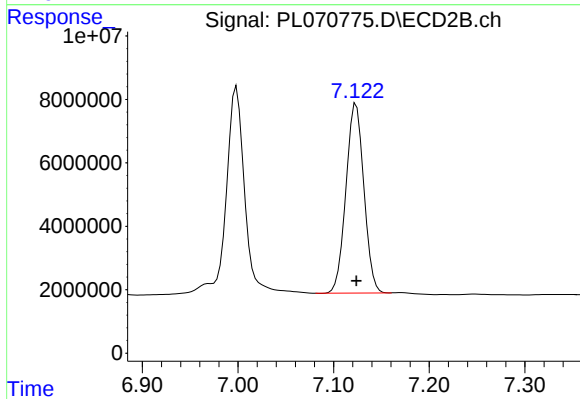
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 79358378
Conc: 45.76 ng/ml



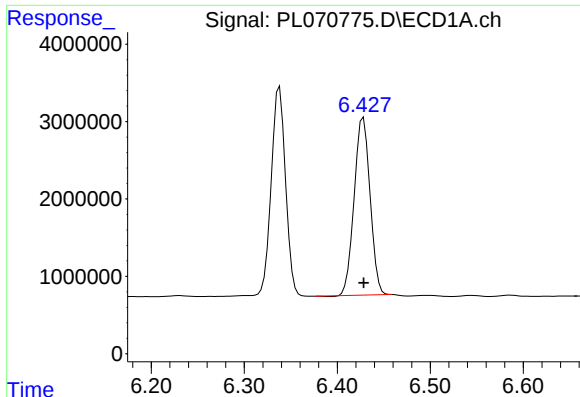
#4 Heptachlor

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 29512230
Conc: 41.13 ng/ml



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 78191413
Conc: 48.14 ng/ml



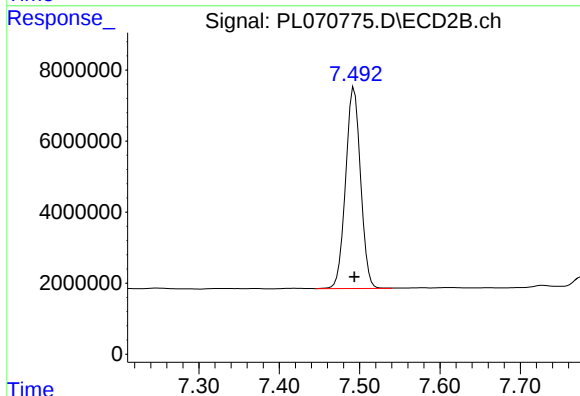
#5 Aldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 27294489
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

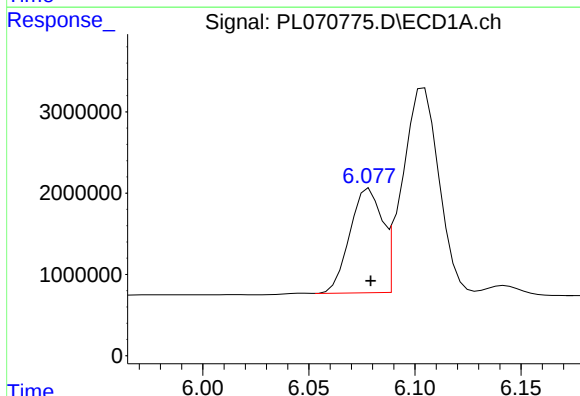
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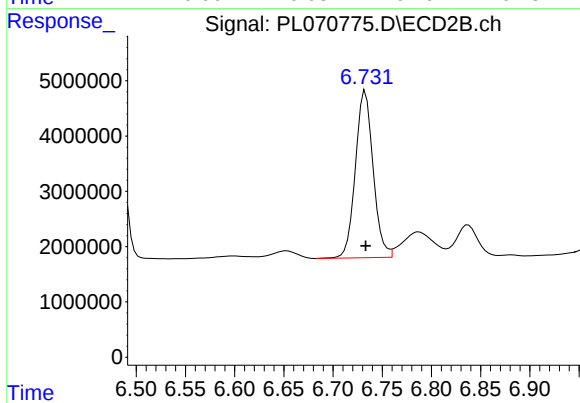
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 73258417
Conc: 45.11 ng/ml



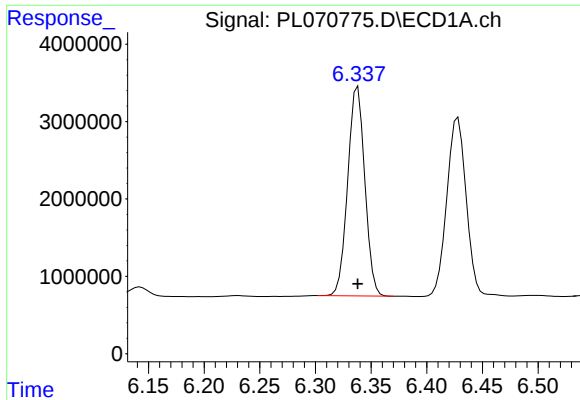
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 13497015
Conc: 41.55 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 37814436
Conc: 44.13 ng/ml



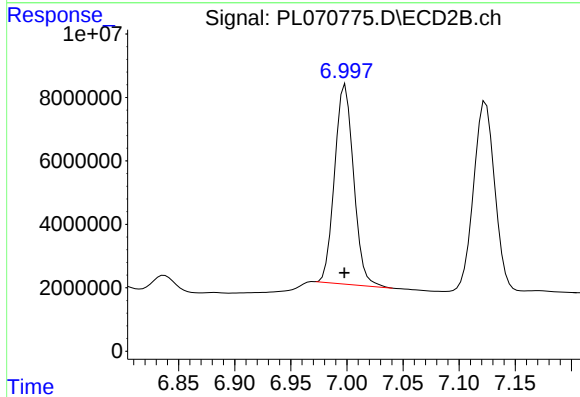
#7 delta-BHC

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 28875244
Conc: 43.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

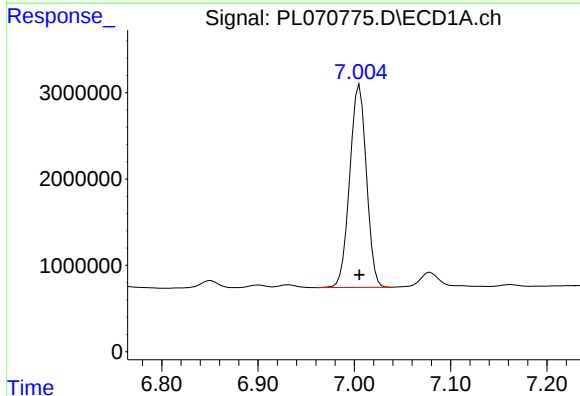
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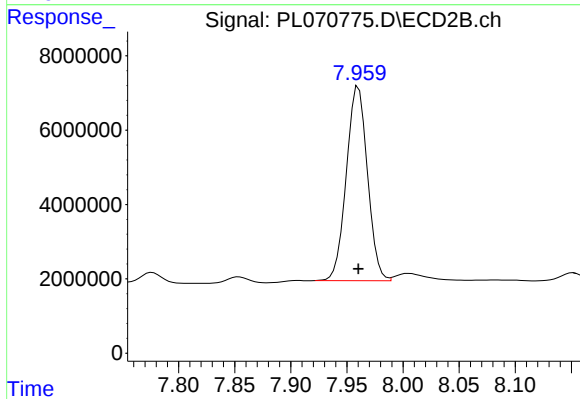
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.000 min
Response: 74084548
Conc: 44.30 ng/ml



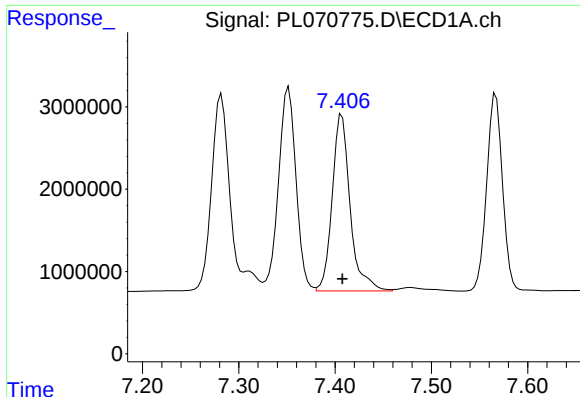
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 28175424
Conc: 43.34 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 68484438
Conc: 44.93 ng/ml



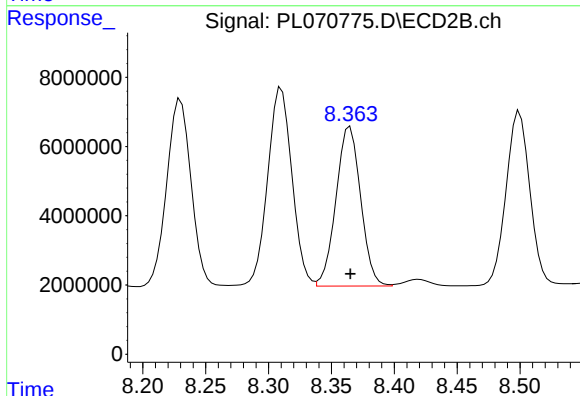
#9 Endosulfan I

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 27891566
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

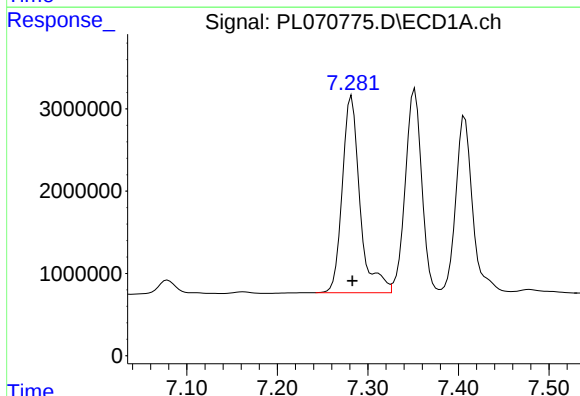
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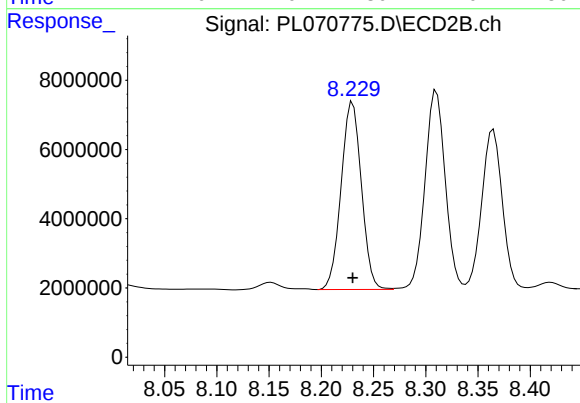
#9 Endosulfan I

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 62850697
Conc: 43.69 ng/ml



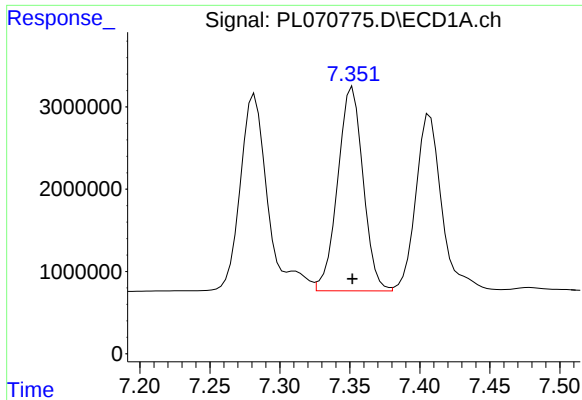
#10 gamma-Chlordane

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 32597398
Conc: 49.11 ng/ml



#10 gamma-Chlordane

R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 73221183
Conc: 47.29 ng/ml



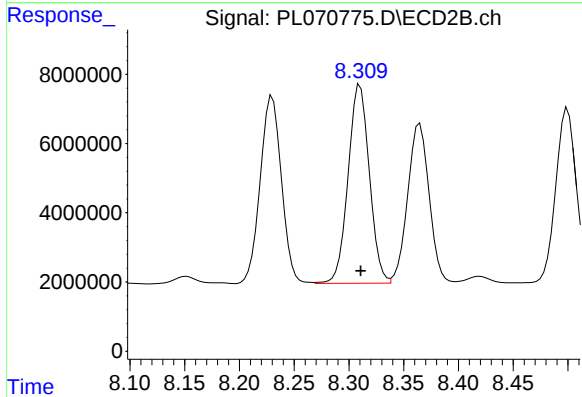
#11 alpha-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 31345115
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

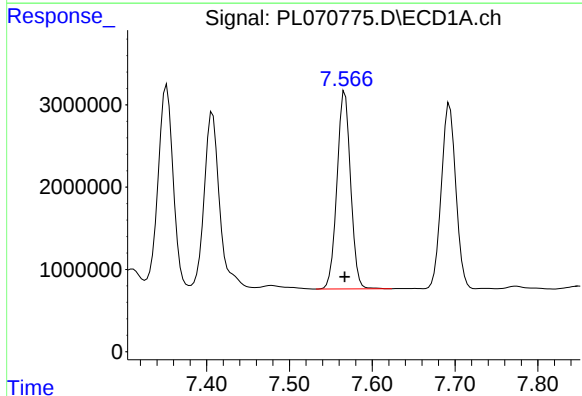
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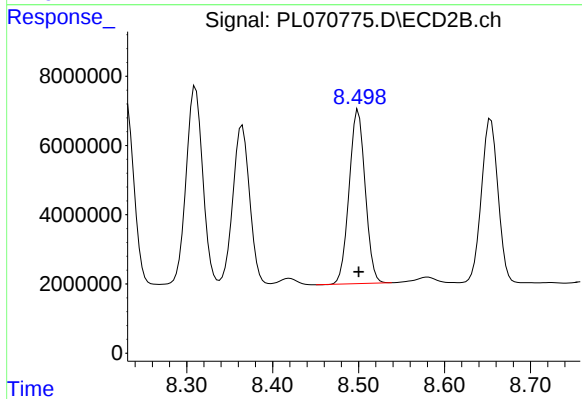
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: 0.000 min
Response: 77560900
Conc: 50.99 ng/ml



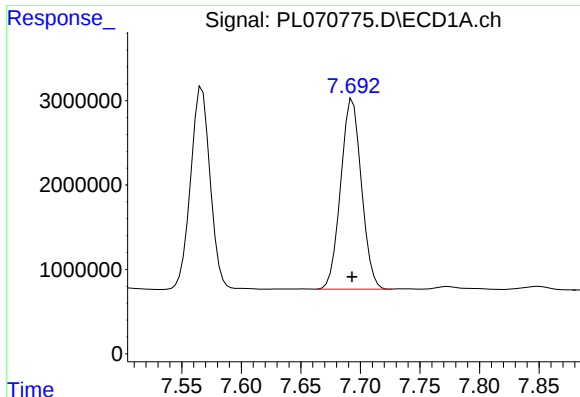
#12 4,4'-DDE

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 27417782
Conc: 47.06 ng/ml



#12 4,4'-DDE

R.T.: 8.500 min
Delta R.T.: 0.000 min
Response: 65327395
Conc: 44.27 ng/ml



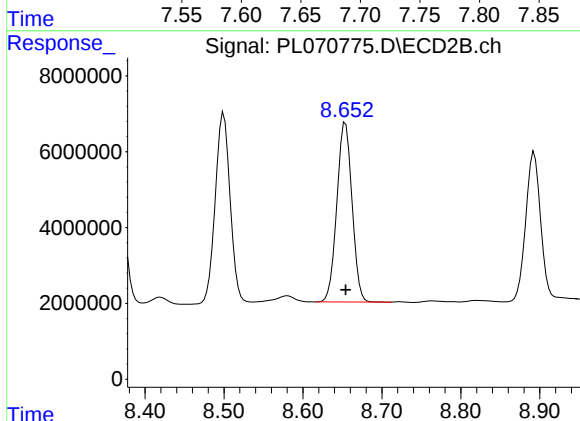
#13 Dieldrin

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 27302064
Conc: 43.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
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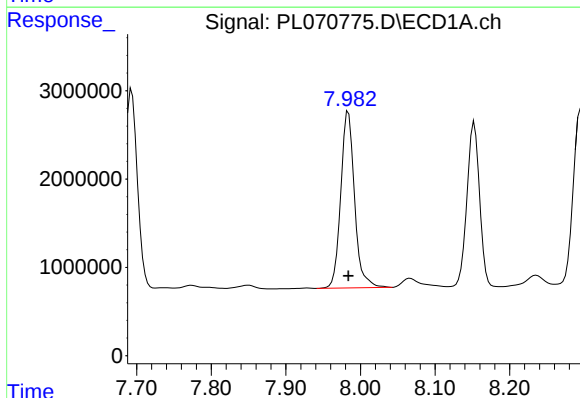
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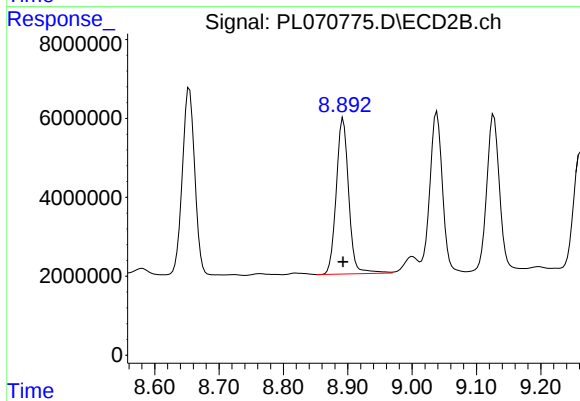
#13 Dieldrin

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 63260974
Conc: 43.41 ng/ml



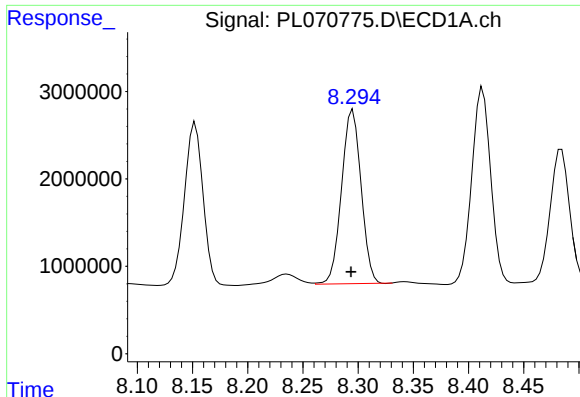
#14 Endrin

R.T.: 7.984 min
Delta R.T.: 0.000 min
Response: 25686559
Conc: 45.31 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 53050262
Conc: 45.80 ng/ml



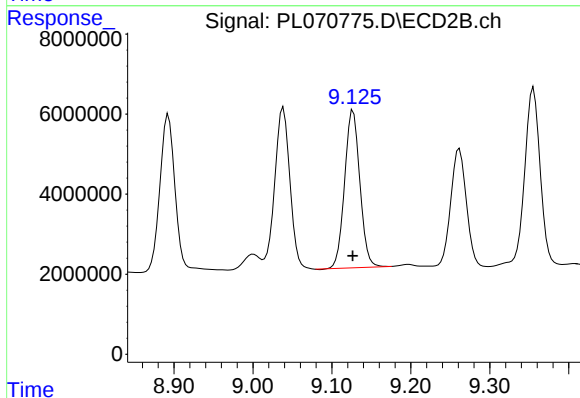
#15 Endosulfan II

R.T.: 8.295 min
Delta R.T.: 0.001 min
Response: 24509738
Conc: 40.49 ng/ml

Instrument :
ECD_L
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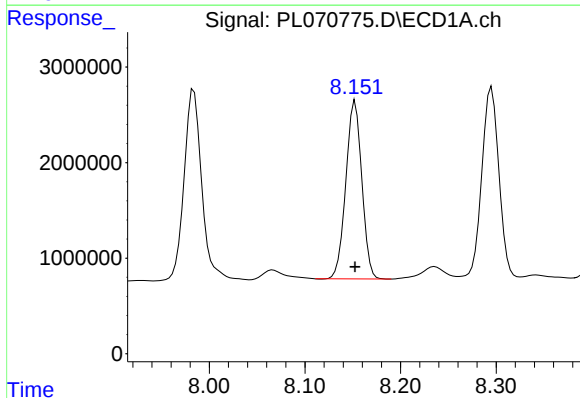
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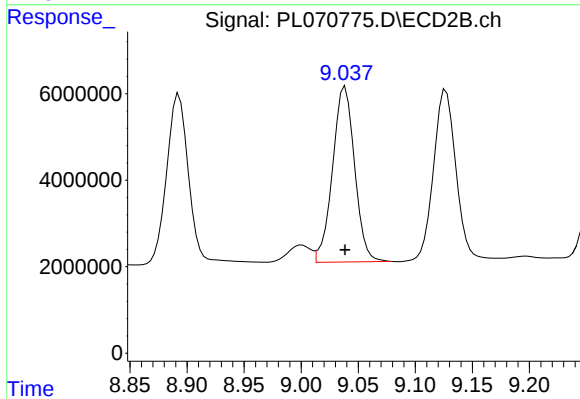
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 53004542
Conc: 43.40 ng/ml



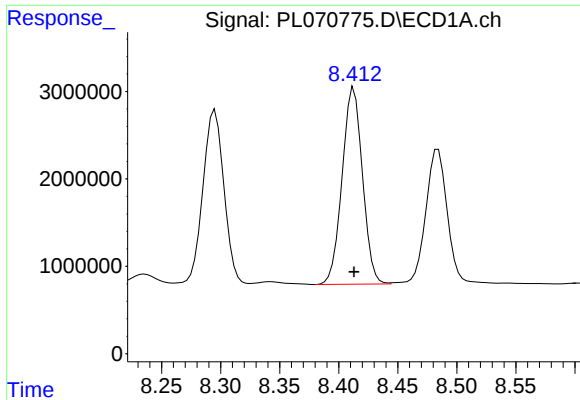
#16 4,4'-DDD

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 21734779
Conc: 42.78 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 54721275
Conc: 45.47 ng/ml



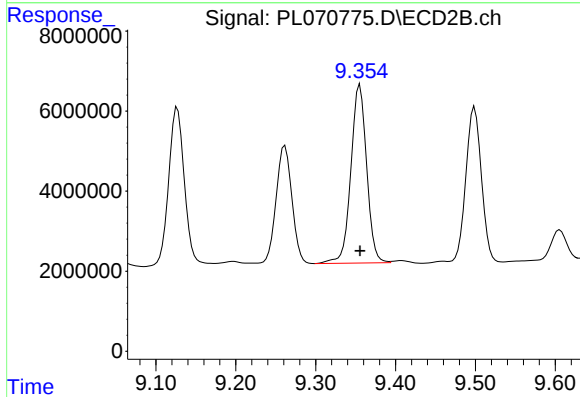
#17 4,4'-DDT

R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 26981043
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

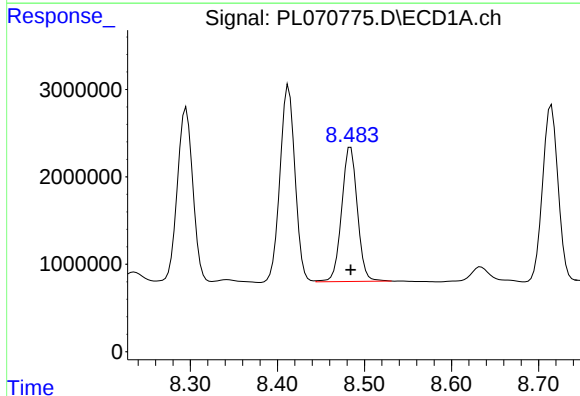
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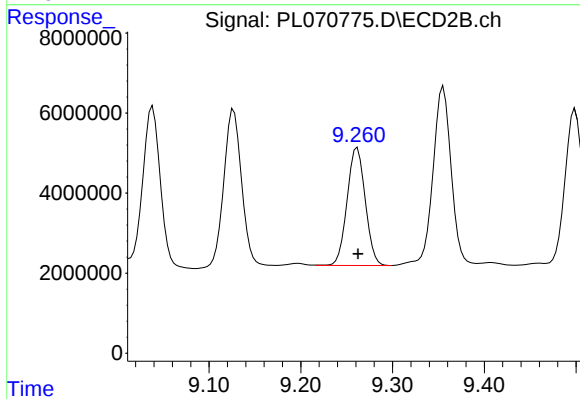
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 61170561
Conc: 48.49 ng/ml



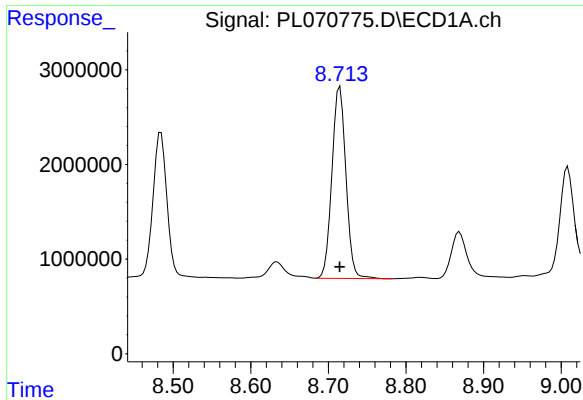
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 19249237
Conc: 42.37 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 40417803
Conc: 41.79 ng/ml



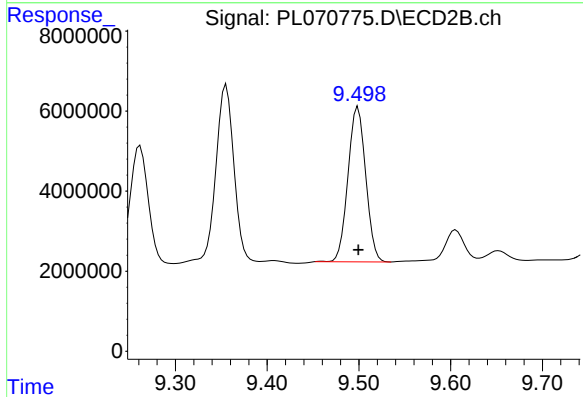
#19 Endosulfan Sulfate

R.T.: 8.715 min
Delta R.T.: 0.000 min
Response: 25425054
Conc: 41.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

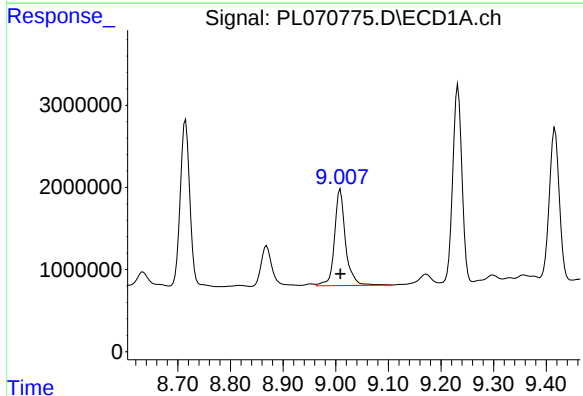
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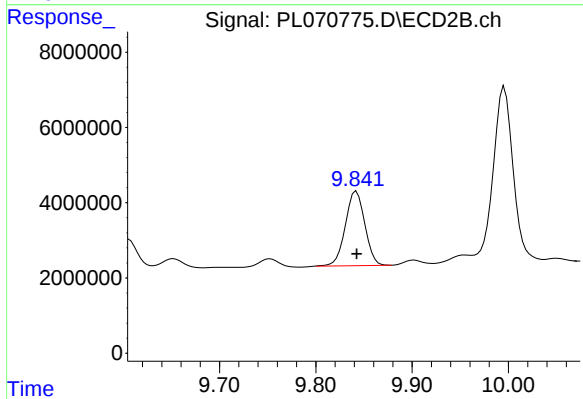
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 52066728
Conc: 42.01 ng/ml



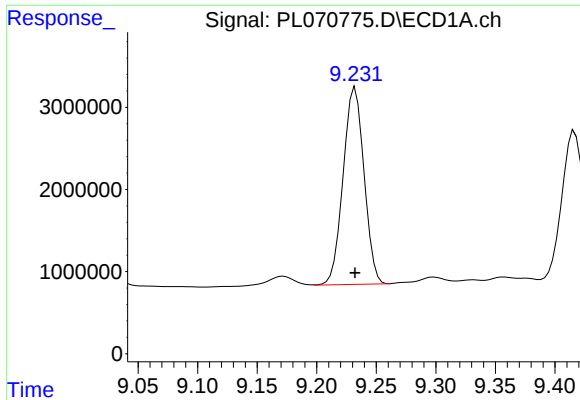
#20 Methoxychlor

R.T.: 9.009 min
Delta R.T.: 0.000 min
Response: 17024675
Conc: 46.54 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 27655753
Conc: 40.86 ng/ml



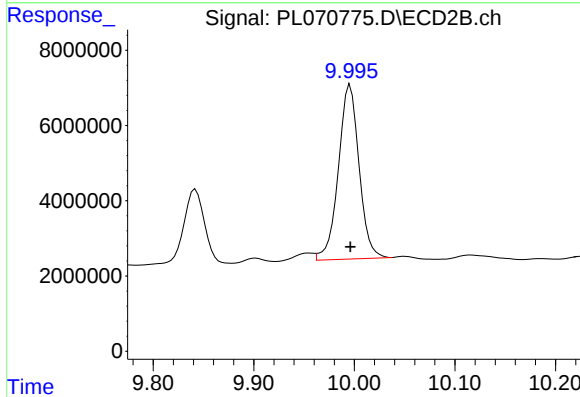
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 29280926
Conc: 40.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

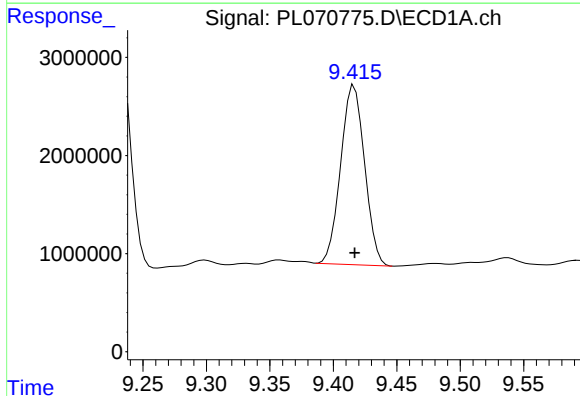
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2021
Supervised By :mohammad ahmed 11/08/2021



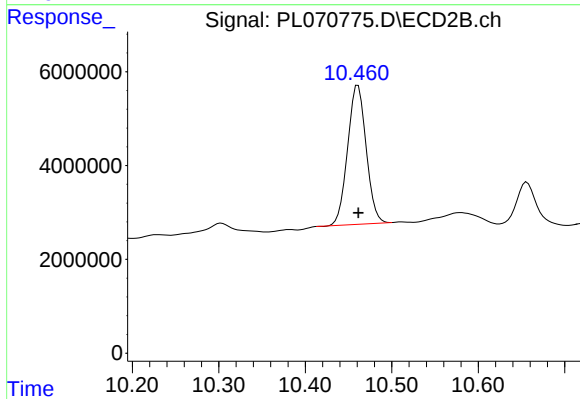
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 66038136
Conc: 46.00 ng/ml



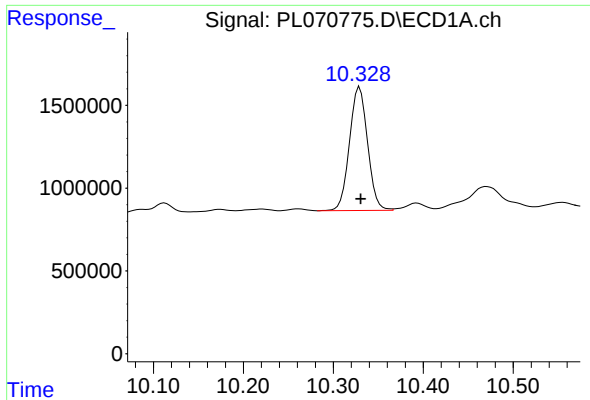
#22 Mirex

R.T.: 9.415 min
Delta R.T.: -0.002 min
Response: 24013012
Conc: 39.10 ng/ml m



#22 Mirex

R.T.: 10.461 min
Delta R.T.: 0.000 min
Response: 44139774
Conc: 42.38 ng/ml



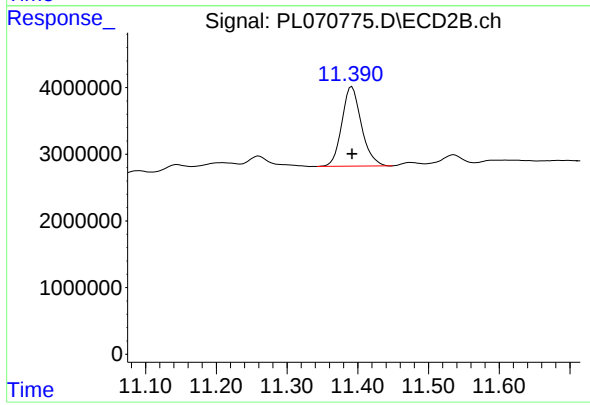
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: -0.001 min
Response: 10410158
Conc: 15.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.392 min
Delta R.T.: 0.000 min
Response: 22899656
Conc: 17.12 ng/ml