

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110421\
 Data File : PL070774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2021 14:31
 Operator : AR\AJ
 Sample : M4448-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-224MS

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 14:27:38 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...	4.567	5.501	8741106	22648362	17.846	17.963
28)	SA Decachlor...	10.329	11.391	10447773	22763613	15.290	17.021
Target Compounds							
2)	A alpha-BHC	5.273	6.081	30483743	87327021	45.538	47.440
3)	MA gamma-BHC...	5.696	6.477	30329173	80572253	45.215	46.465
4)	MA Heptachlor	6.104	7.124	29834379	76654802	41.580	47.193
5)	MB Aldrin	6.428	7.493	28553024	73940479	44.651	45.535
6)	B beta-BHC	6.078	6.733	13639308	38253659	41.989	44.646
7)	B delta-BHC	6.338	6.999	29930143	75161933	45.224	44.946
8)	B Heptachlo...	7.005	7.960	29093733	68242261	44.749	44.774
9)	A Endosulfan I	7.407	8.365	29143963	63762721	47.577	44.322
10)	B gamma-Chl...	7.282	8.229	33914528	75299511	51.090	48.632
11)	B alpha-Chl...	7.352	8.311	32669822	79145822	49.027	52.036
12)	B 4,4'-DDE	7.566	8.499	28441435	66102231	48.816	44.799
13)	MA Dieldrin	7.693	8.653	28341923	64868980	45.404	44.518
14)	MA Endrin	7.983	8.893	26309837	53011940	46.404	45.767
15)	B Endosulfa...	8.295	9.127	25174004	53096528	41.586	43.474
16)	A 4,4'-DDD	8.152	9.039	22620181	55075949	44.520	45.766
17)	MA 4,4'-DDT	8.412	9.356	26751384	60379750	48.641	47.861
18)	B Endrin al...	8.484	9.262	19949046	41327469	43.910	42.735
19)	B Endosulfa...	8.714	9.499	26046979	51942449	42.223	41.909
20)	A Methoxychlor	9.008	9.842	16847594	26697944	46.052	39.447
21)	B Endrin ke...	9.232	9.996	29771679	66937671	41.635	46.631
22)	Mirex	9.415	10.460	24644394	44529728	40.129m	42.751

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

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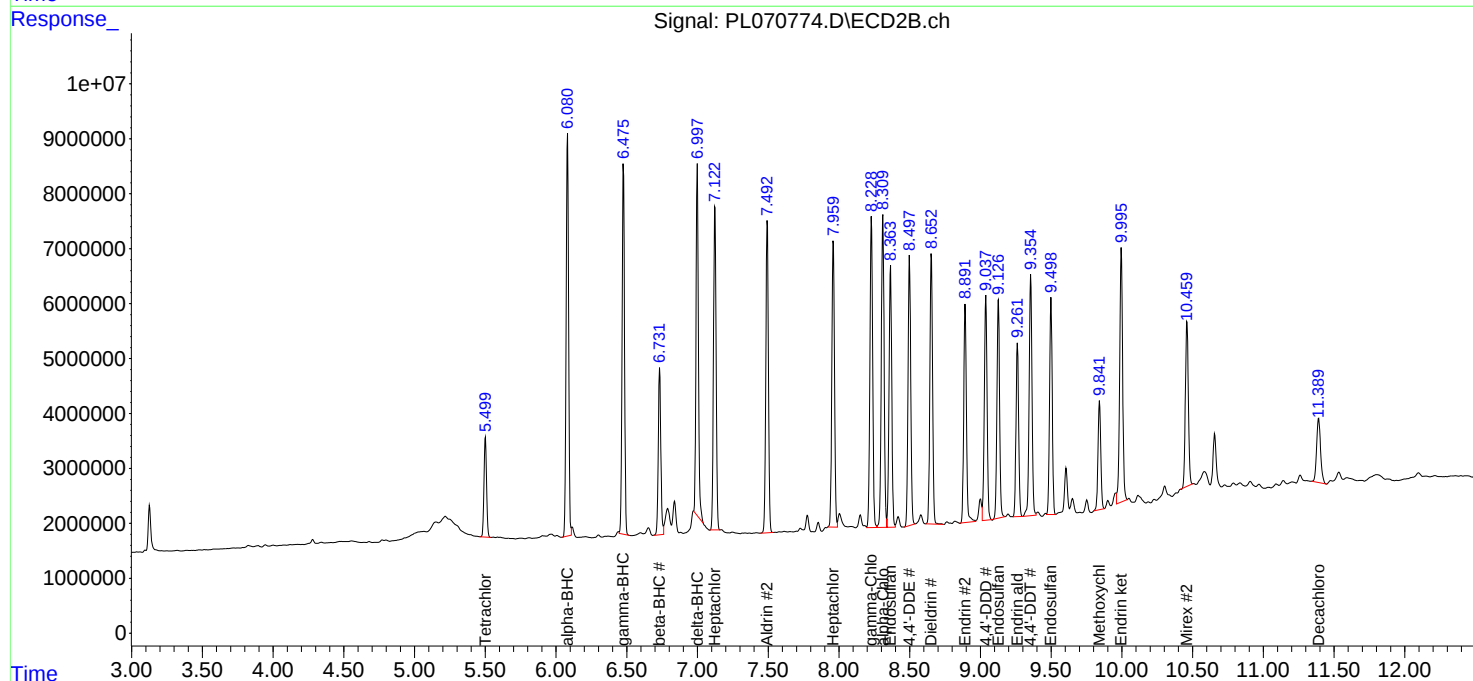
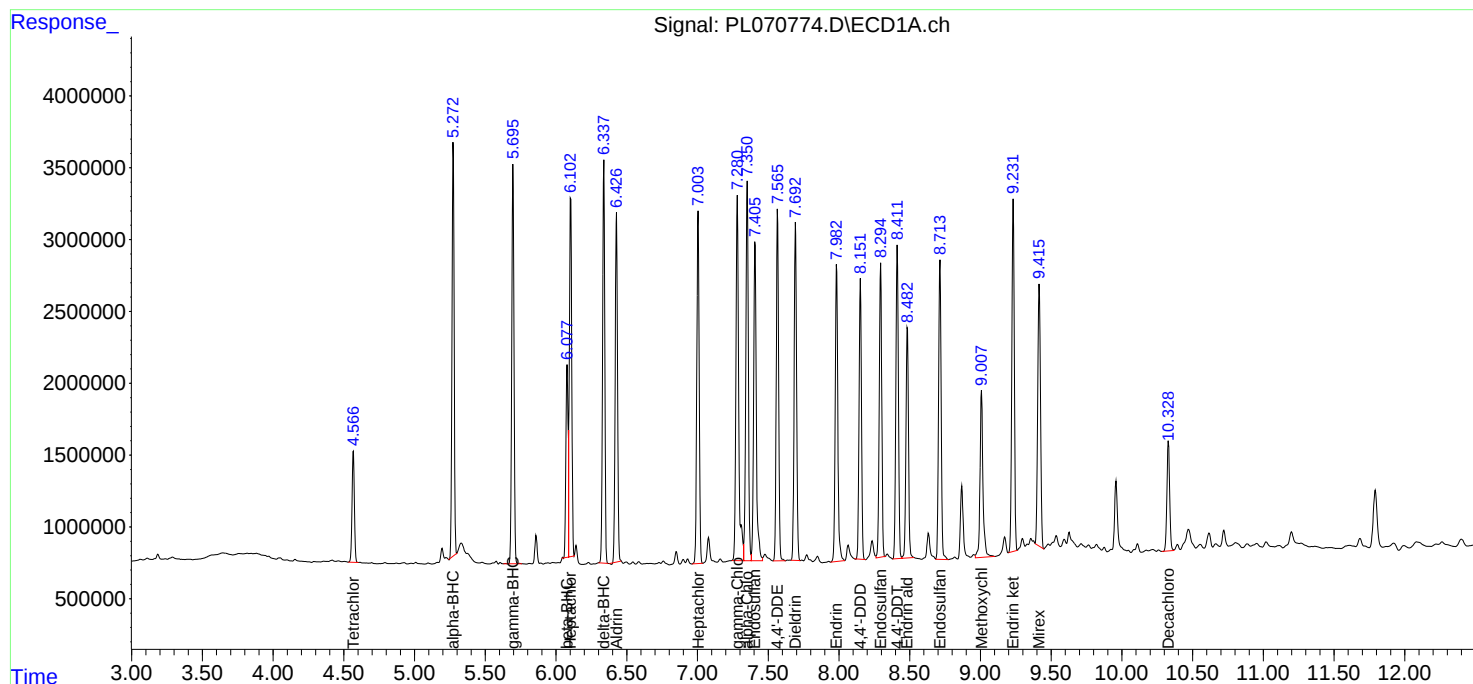
Instrument :
 ECD_L
 ClientSampleId :
 VNJ-224MS

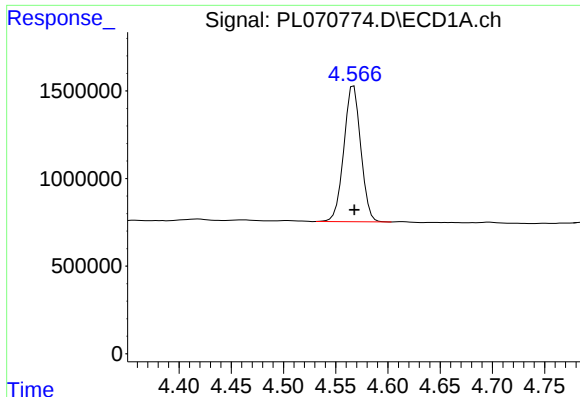
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/08/2021

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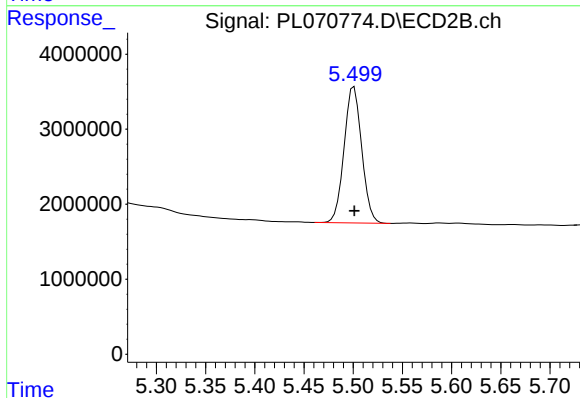
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 8741106
Conc: 17.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

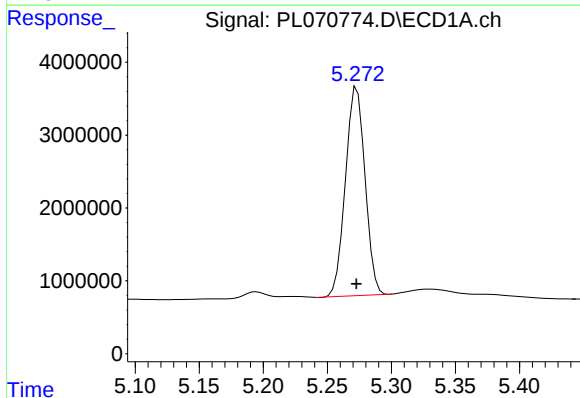
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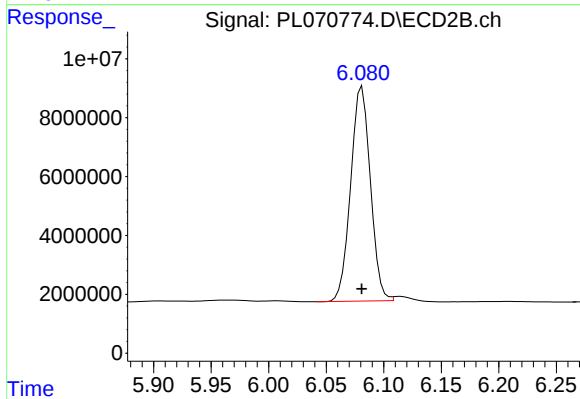
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 22648362
Conc: 17.96 ng/ml



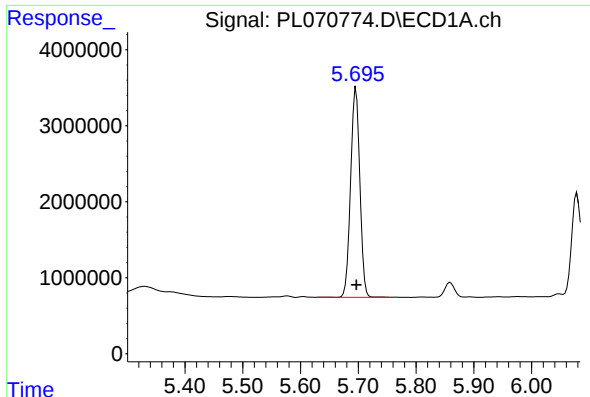
#2 alpha-BHC

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 30483743
Conc: 45.54 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 87327021
Conc: 47.44 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 30329173
Conc: 45.21 ng/ml

Instrument :

ECD_L

ClientSampleId :

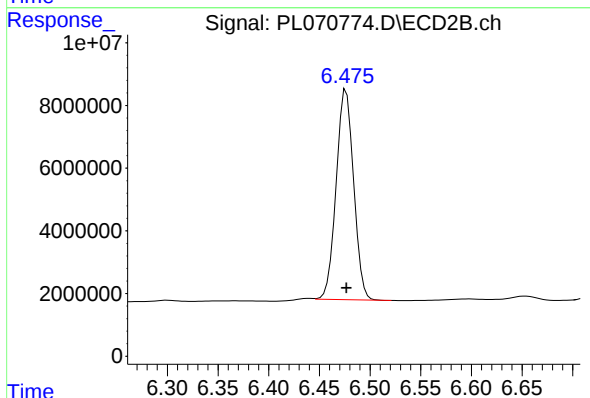
VNJ-224MS

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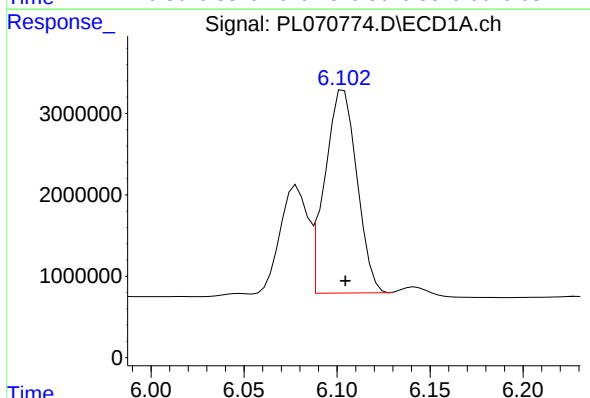
Reviewed By :Abdul Mirza 11/08/2021

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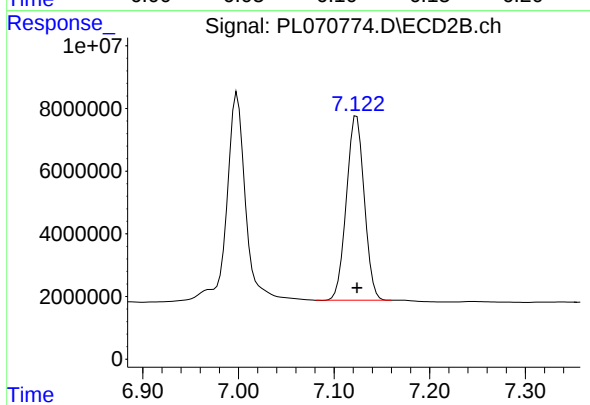
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 80572253
Conc: 46.46 ng/ml



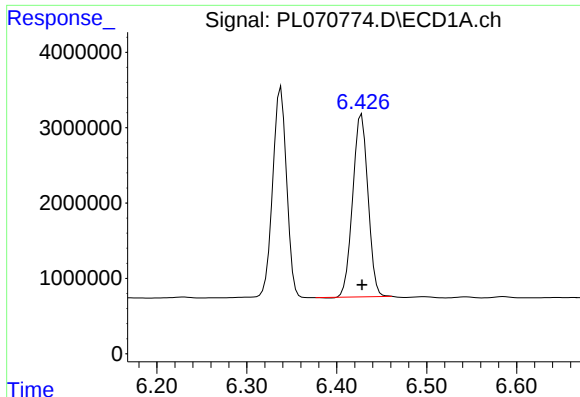
#4 Heptachlor

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 29834379
Conc: 41.58 ng/ml



#4 Heptachlor

R.T.: 7.124 min
Delta R.T.: 0.000 min
Response: 76654802
Conc: 47.19 ng/ml



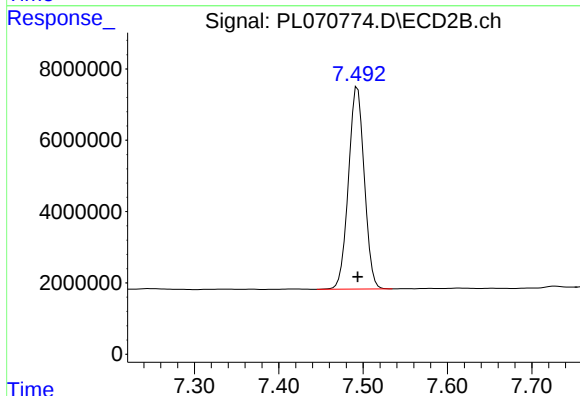
#5 Aldrin

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 28553024
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

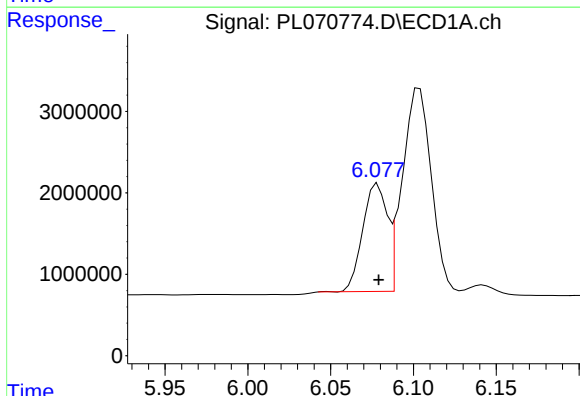
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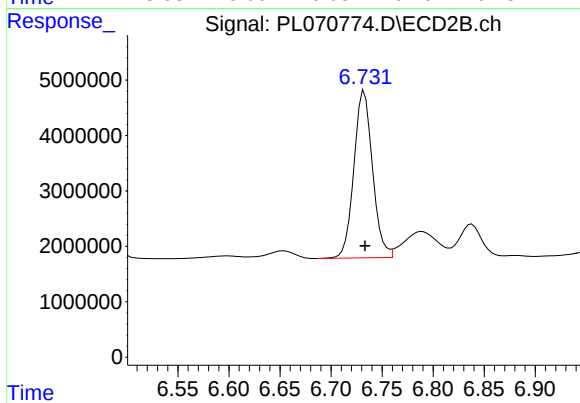
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 73940479
Conc: 45.53 ng/ml



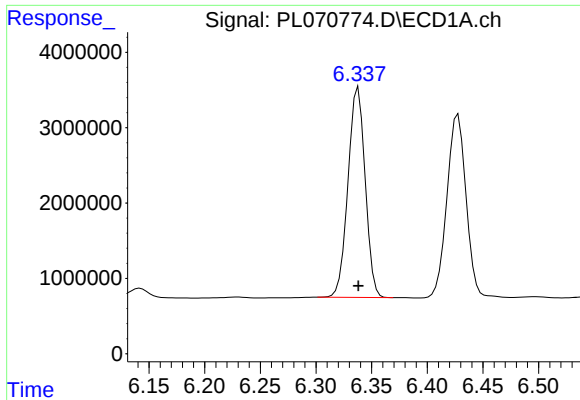
#6 beta-BHC

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 13639308
Conc: 41.99 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 38253659
Conc: 44.65 ng/ml



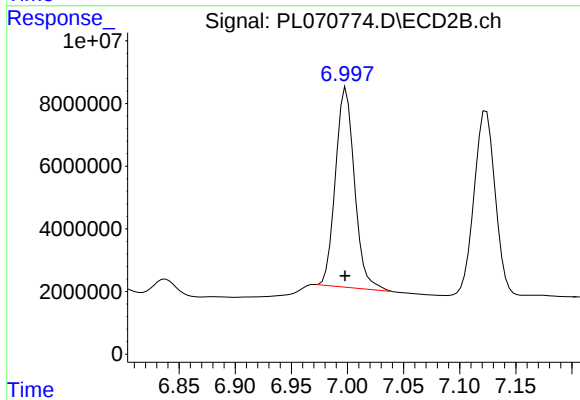
#7 delta-BHC

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 29930143
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

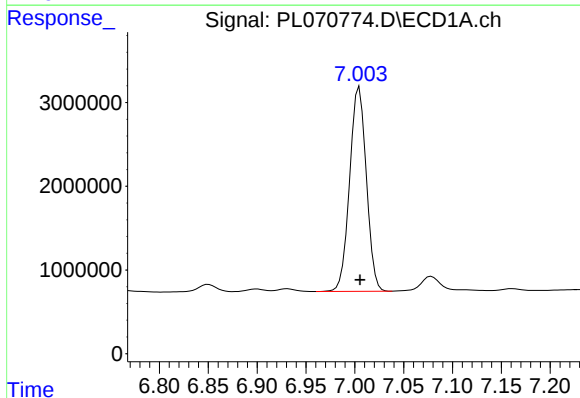
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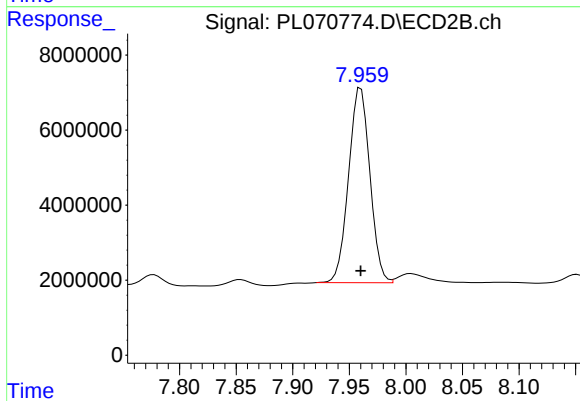
#7 delta-BHC

R.T.: 6.999 min
Delta R.T.: 0.001 min
Response: 75161933
Conc: 44.95 ng/ml



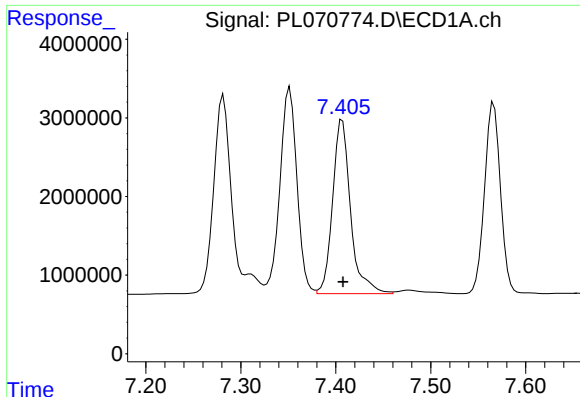
#8 Heptachlor epoxide

R.T.: 7.005 min
Delta R.T.: 0.000 min
Response: 29093733
Conc: 44.75 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 68242261
Conc: 44.77 ng/ml



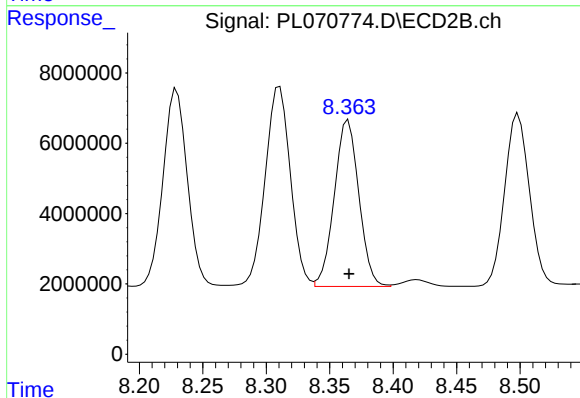
#9 Endosulfan I

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 29143963
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

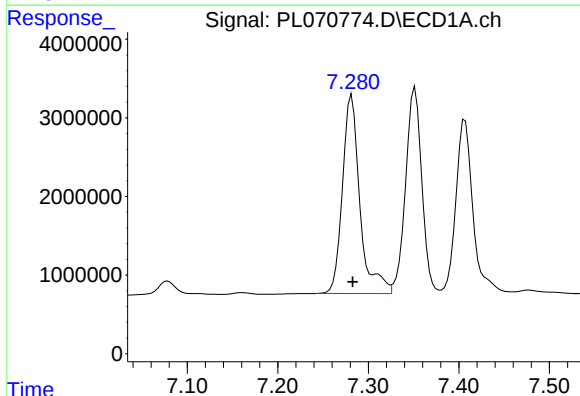
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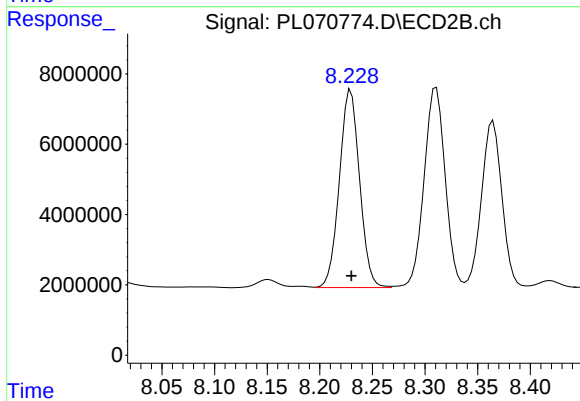
#9 Endosulfan I

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 63762721
Conc: 44.32 ng/ml



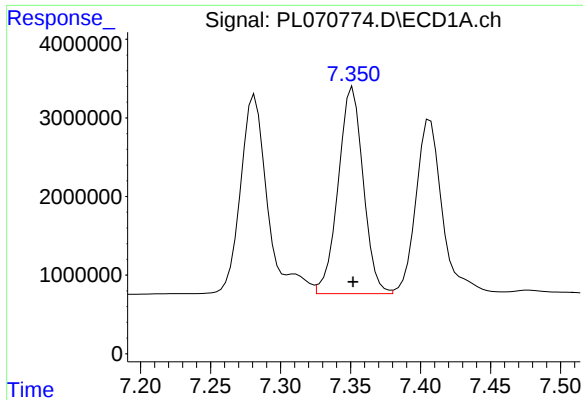
#10 gamma-Chlordane

R.T.: 7.282 min
Delta R.T.: -0.001 min
Response: 33914528
Conc: 51.09 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 75299511
Conc: 48.63 ng/ml



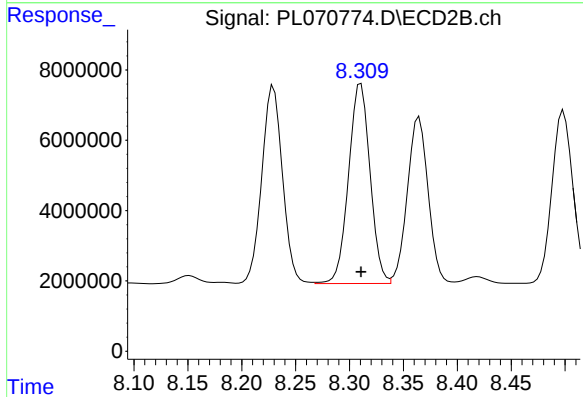
#11 alpha-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 32669822
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

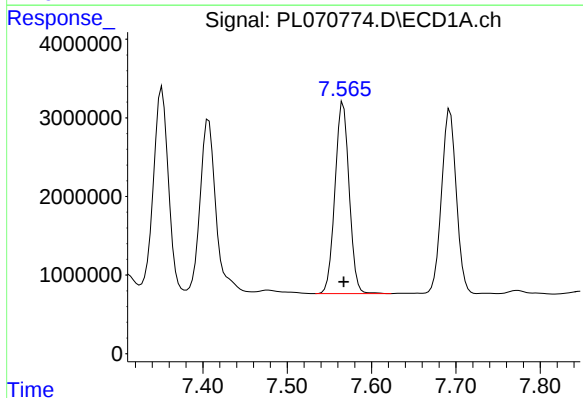
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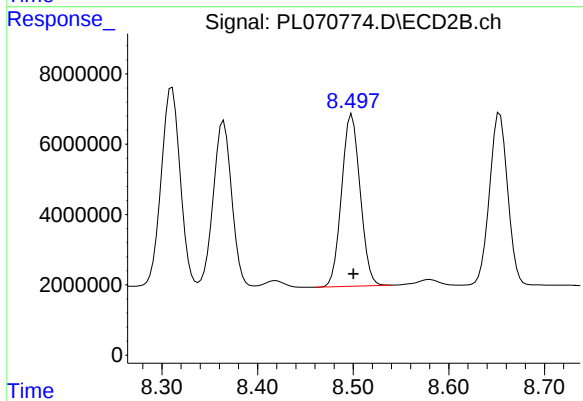
#11 alpha-Chlordane

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 79145822
Conc: 52.04 ng/ml



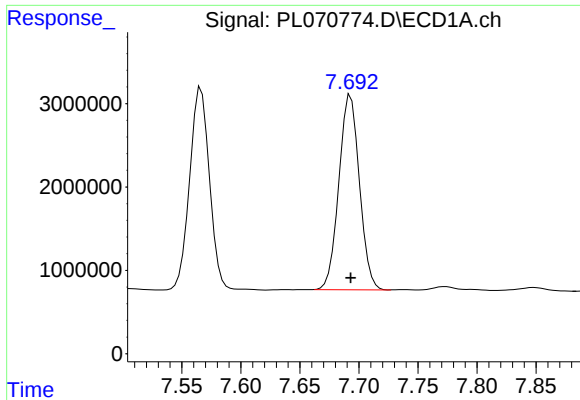
#12 4,4'-DDE

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 28441435
Conc: 48.82 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 66102231
Conc: 44.80 ng/ml



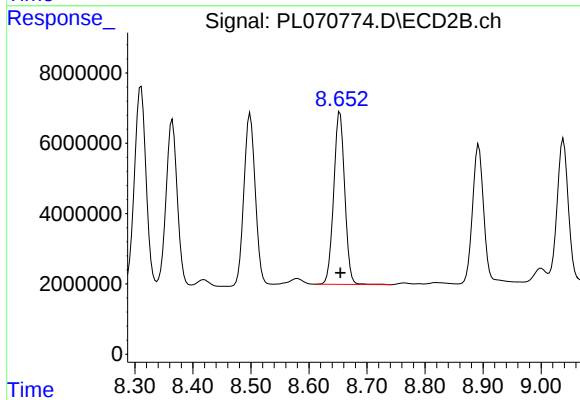
#13 Dieldrin

R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 28341923
Conc: 45.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

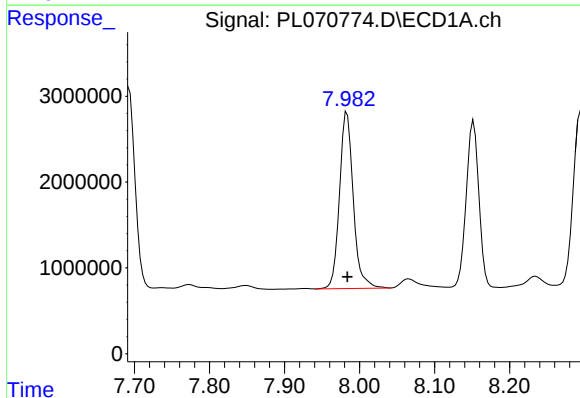
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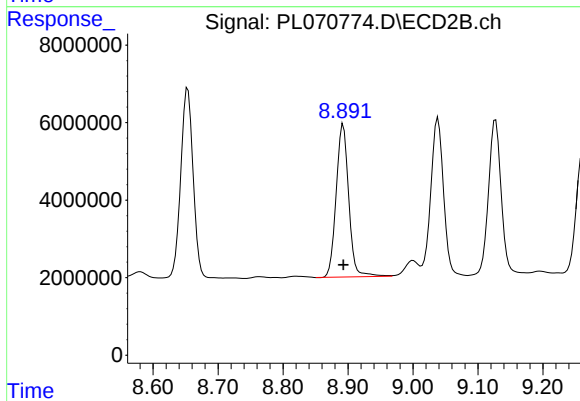
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: 0.000 min
Response: 64868980
Conc: 44.52 ng/ml



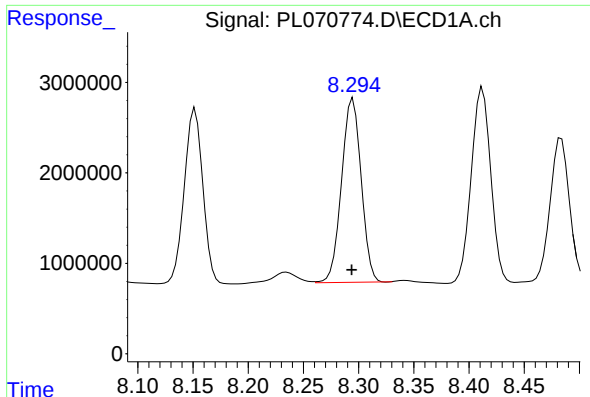
#14 Endrin

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 26309837
Conc: 46.40 ng/ml



#14 Endrin

R.T.: 8.893 min
Delta R.T.: 0.000 min
Response: 53011940
Conc: 45.77 ng/ml



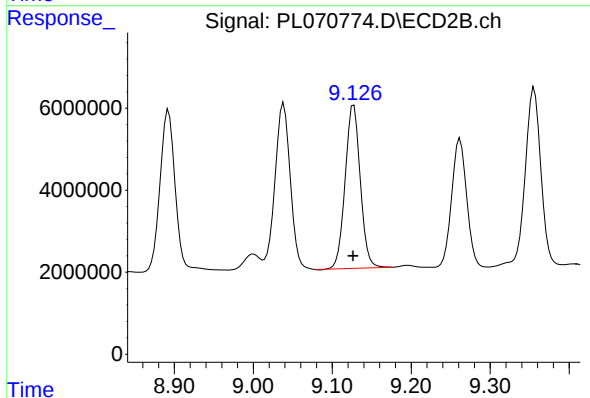
#15 Endosulfan II

R.T.: 8.295 min
Delta R.T.: 0.001 min
Response: 25174004
Conc: 41.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

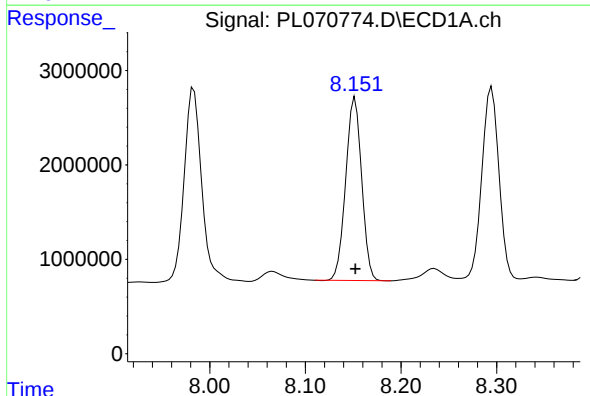
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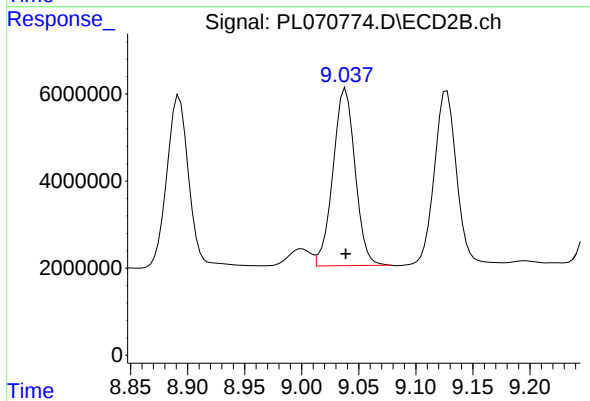
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 53096528
Conc: 43.47 ng/ml



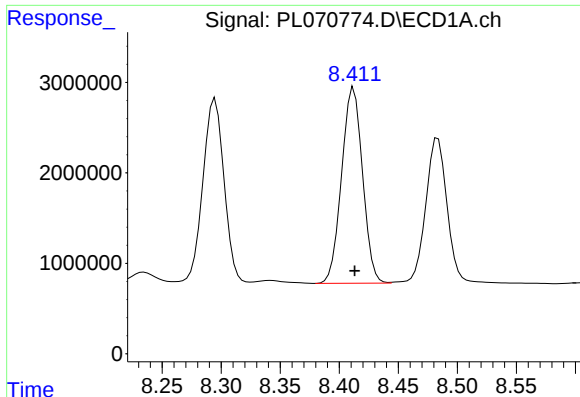
#16 4,4'-DDD

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 22620181
Conc: 44.52 ng/ml



#16 4,4'-DDD

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 55075949
Conc: 45.77 ng/ml



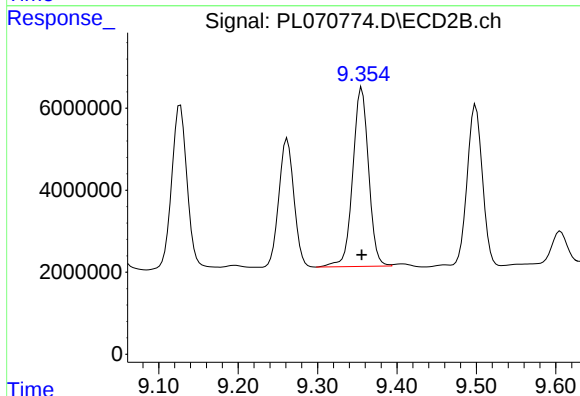
#17 4,4'-DDT

R.T.: 8.412 min
Delta R.T.: 0.000 min
Response: 26751384
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

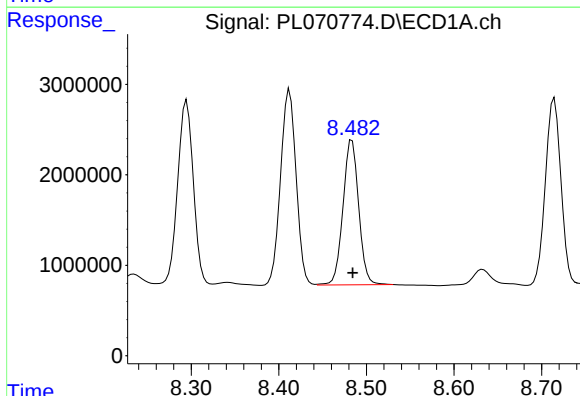
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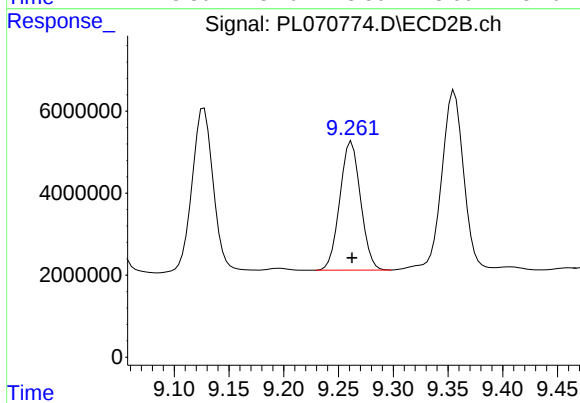
#17 4,4'-DDT

R.T.: 9.356 min
Delta R.T.: 0.000 min
Response: 60379750
Conc: 47.86 ng/ml



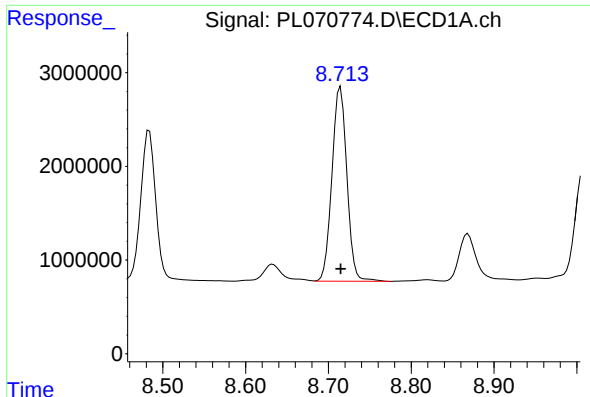
#18 Endrin aldehyde

R.T.: 8.484 min
Delta R.T.: 0.000 min
Response: 19949046
Conc: 43.91 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 41327469
Conc: 42.74 ng/ml



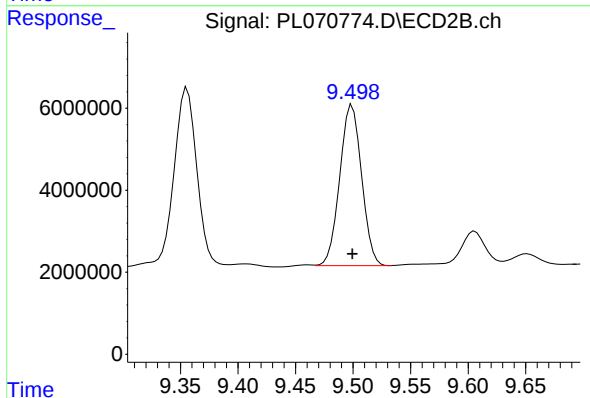
#19 Endosulfan Sulfate

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 26046979
Conc: 42.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

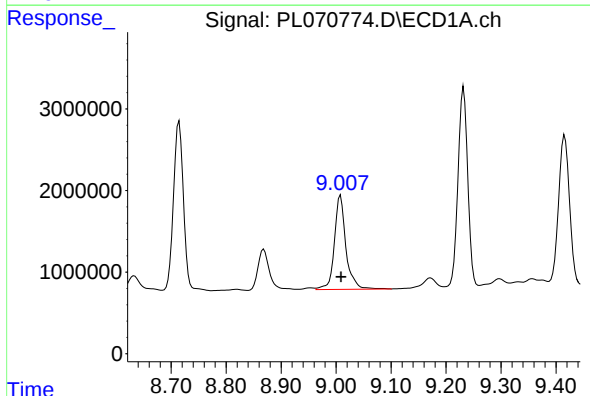
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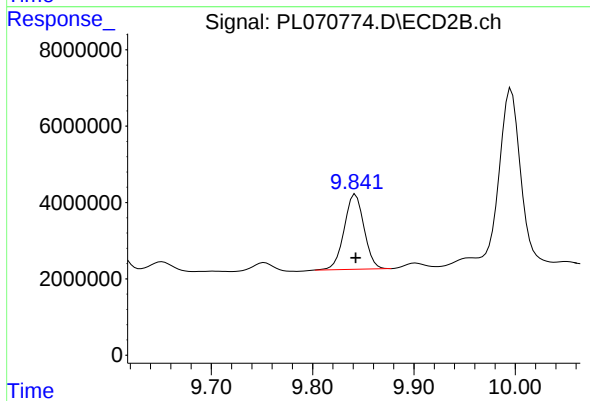
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 51942449
Conc: 41.91 ng/ml



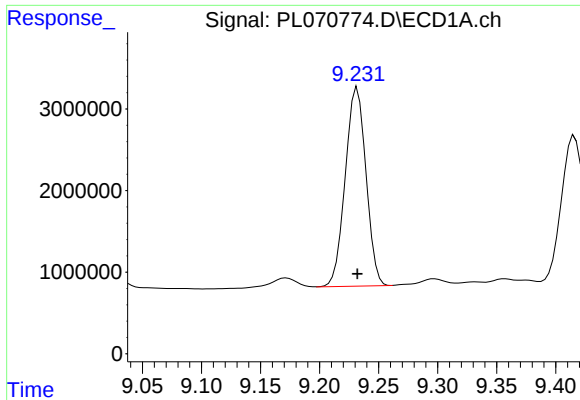
#20 Methoxychlor

R.T.: 9.008 min
Delta R.T.: 0.000 min
Response: 16847594
Conc: 46.05 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: 0.000 min
Response: 26697944
Conc: 39.45 ng/ml



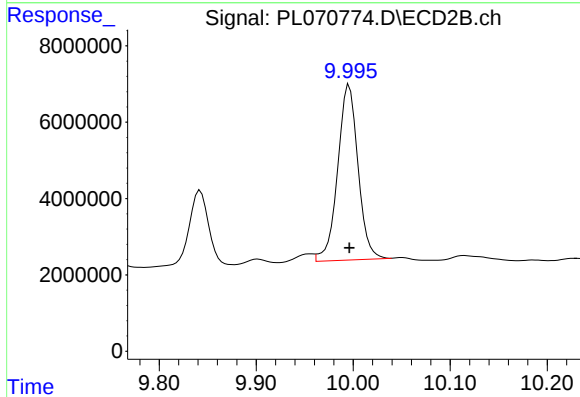
#21 Endrin ketone

R.T.: 9.232 min
Delta R.T.: 0.000 min
Response: 29771679
Conc: 41.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

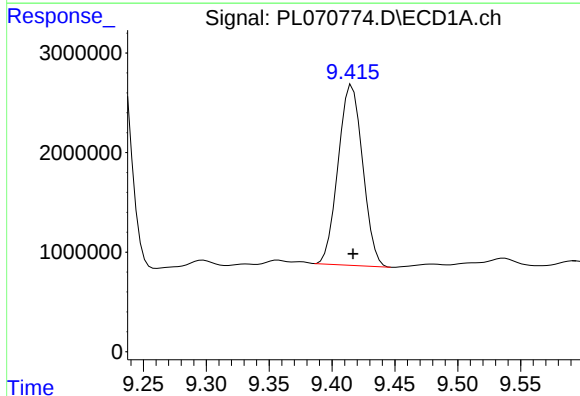
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APPROVED

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



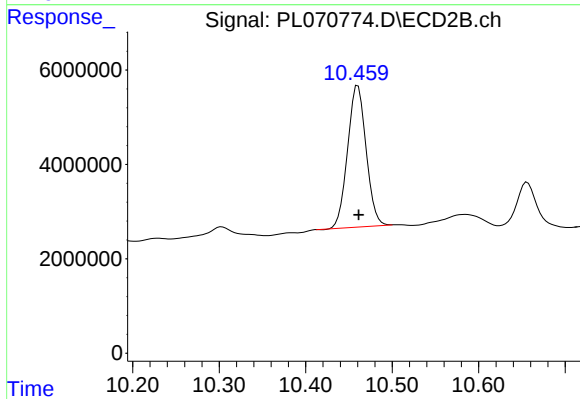
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: 0.000 min
Response: 66937671
Conc: 46.63 ng/ml



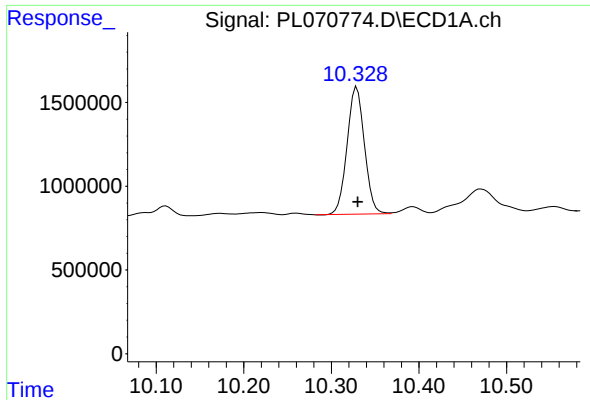
#22 Mirex

R.T.: 9.415 min
Delta R.T.: -0.002 min
Response: 24644394
Conc: 40.13 ng/ml m



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.001 min
Response: 44529728
Conc: 42.75 ng/ml



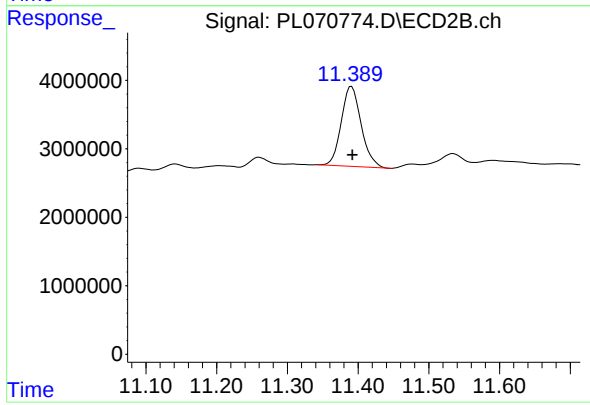
#28 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: -0.001 min
Response: 10447773
Conc: 15.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-224MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.391 min
Delta R.T.: -0.001 min
Response: 22763613
Conc: 17.02 ng/ml