

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102621\
 Data File : PL070614.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2021 01:35
 Operator : AR\AJ
 Sample : M4373-01MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-01-102621MSD

Manual Integrations
 APPROVED

mohammad
 10/28/2021 1:34:03 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 04:16:10 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 07:49:52 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...	4.622	5.560	10199529	27654156	20.253	18.069
28)	SA Decachlor...	10.387	11.481	11076668	25840723	14.651	17.912m
Target Compounds							
2)	A alpha-BHC	5.327	6.141	36103903	117.1E6	51.998m	50.109
3)	MA gamma-BHC...	5.751	6.538	35034277	102.0E6	49.924	46.667
4)	MA Heptachlor	6.160	7.187	35606130	98589505	46.356	42.886
5)	MB Aldrin	6.483	7.558	34314252	91922481	49.072m	43.828
6)	B beta-BHC	6.132	6.792	16314546	43619481	46.552	41.382m
7)	B delta-BHC	6.393	7.061	34556665	105.3E6	48.644	41.838
8)	B Heptachlo...	7.062	8.025	32650952	72625076	46.652	36.578
9)	A Endosulfan I	7.465	8.431	29440312	71268377	43.719	38.659
10)	B gamma-Chl...	7.339	8.295	33498211	81174648	46.746	40.659
11)	B alpha-Chl...	7.409	8.376	33082572	76424877	45.477	39.032
12)	B 4,4'-DDE	7.622	8.563	30116317	64707709	46.458	32.908 #
13)	MA Dieldrin	7.750	8.720	34057944	71083482	48.461m	37.192
14)	MA Endrin	8.042	8.961	28968512	64039483	44.777	39.433
15)	B Endosulfa...	8.352	9.194	28360434	55188055	44.509	35.861
16)	A 4,4'-DDD	8.207	9.103	26052887	57401268	45.786	37.524
17)	MA 4,4'-DDT	8.468	9.421	25557447	58177142	40.019	33.670
18)	B Endrin al...	8.541	9.329	21737786	45215861	42.601	36.167
19)	B Endosulfa...	8.772	9.567	28992228	53435316	42.484	34.473
20)	A Methoxychlor	9.063	9.907	14995585	32220034	36.996	32.652
21)	B Endrin ke...	9.289	10.063	30504431	62597466	36.944m	36.126m
22)	Mirex	9.475	10.531	24927751	46931292	36.524m	39.195

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102621\
Data File : PL070614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2021 01:35
Operator : AR\AJ
Sample : M4373-01MSD
Misc :
ALS Vial : 61 Sample Multiplier: 1

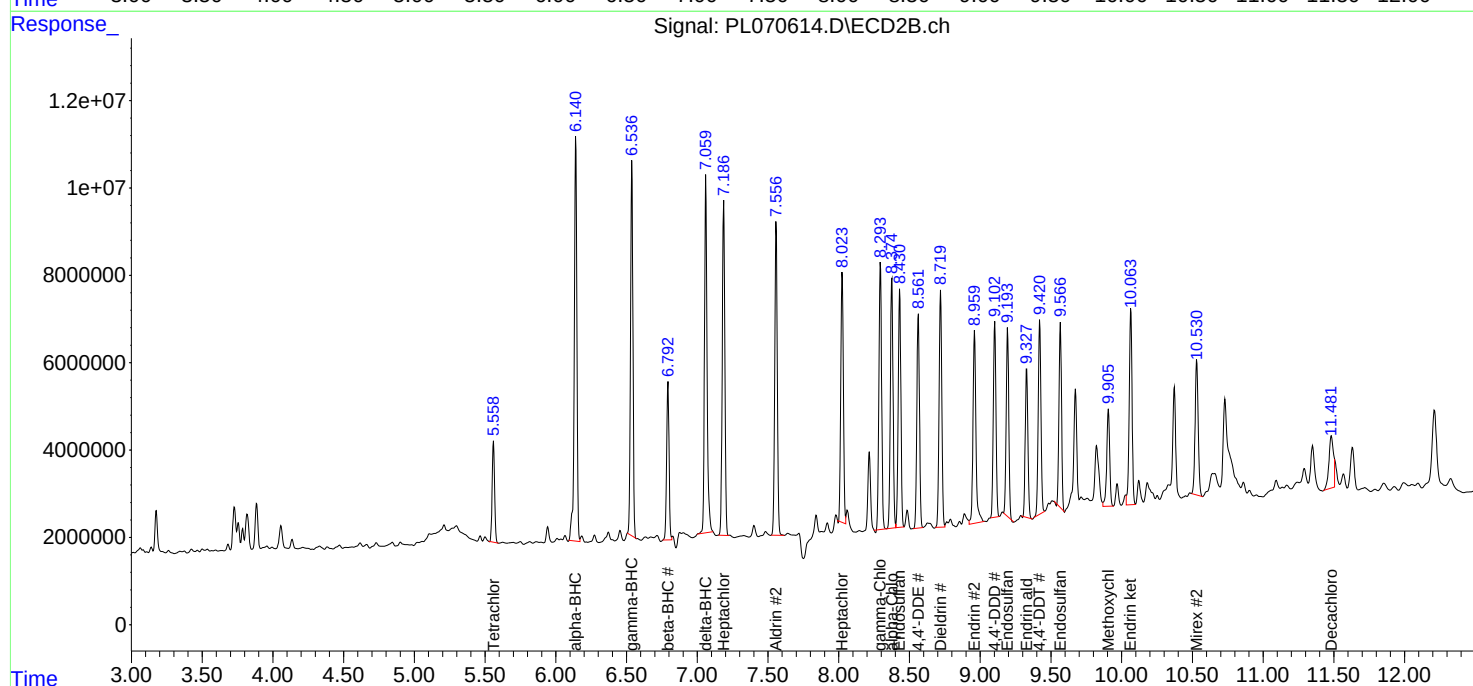
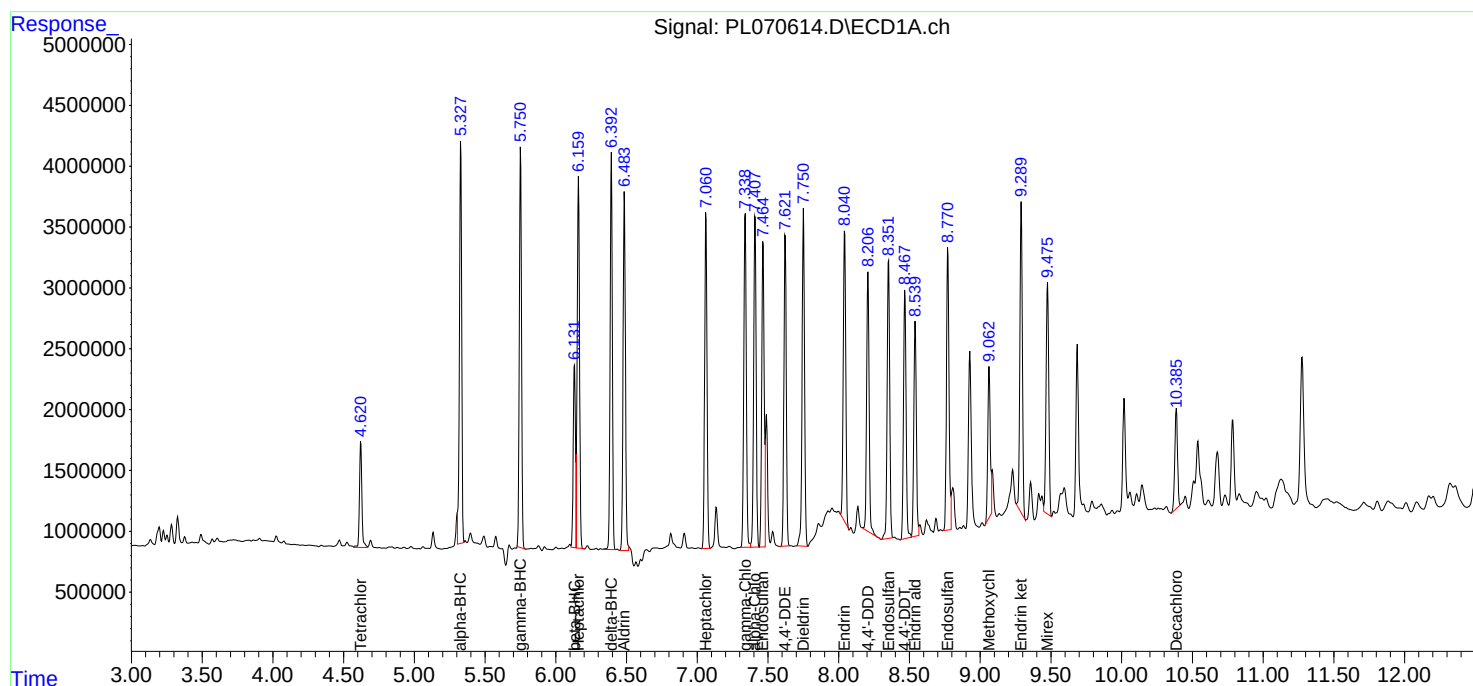
Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

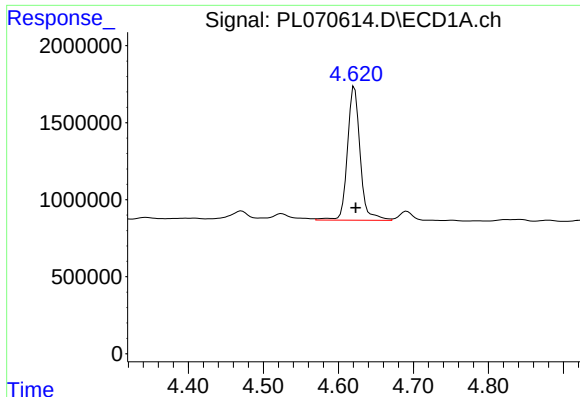
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 04:16:10 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102621.M
Quant Title : GC Extractables
QLast Update : Wed Oct 27 07:49:52 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





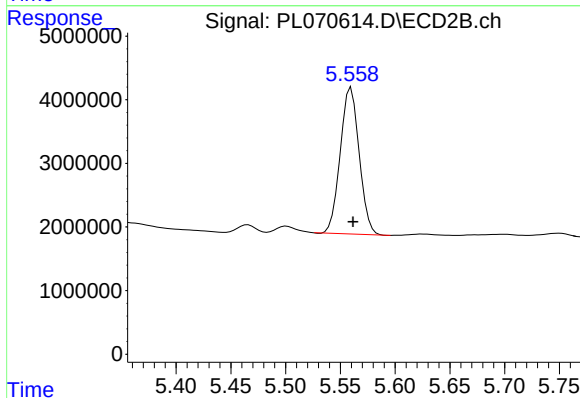
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: -0.001 min
Response: 10199529
Conc: 20.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

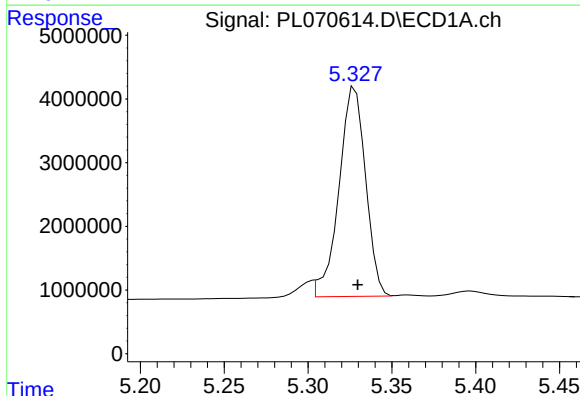
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



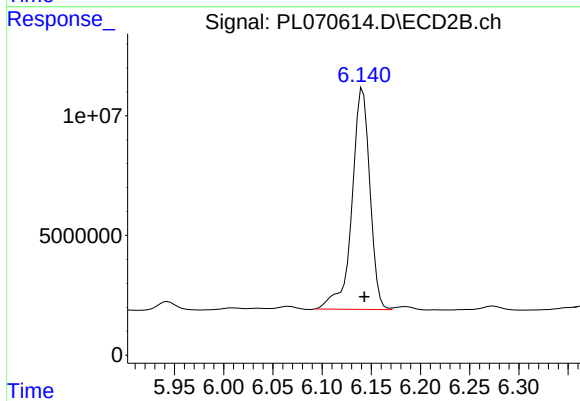
#1 Tetrachloro-m-xylene

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 27654156
Conc: 18.07 ng/ml



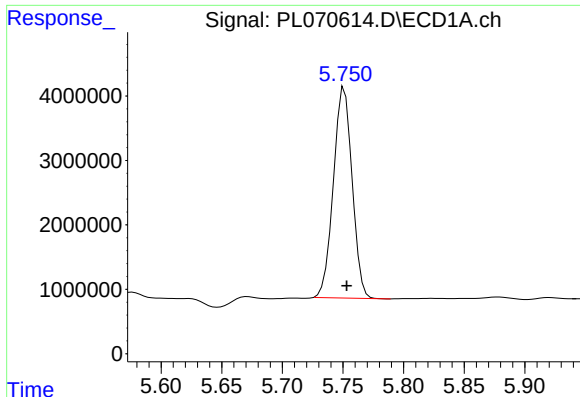
#2 alpha-BHC

R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 36103903
Conc: 52.00 ng/ml m



#2 alpha-BHC

R.T.: 6.141 min
Delta R.T.: -0.002 min
Response: 117092972
Conc: 50.11 ng/ml



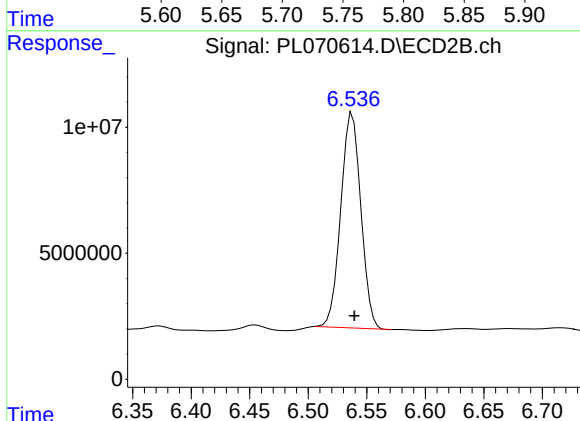
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 35034277
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

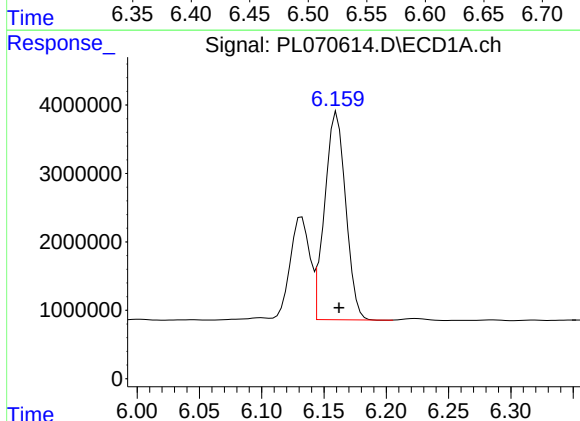
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



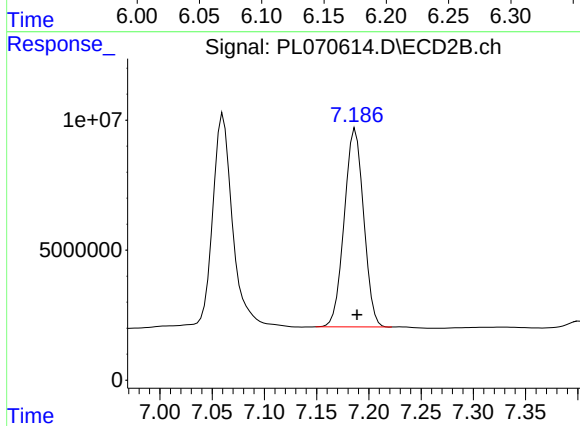
#3 gamma-BHC (Lindane)

R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 101963041
Conc: 46.67 ng/ml



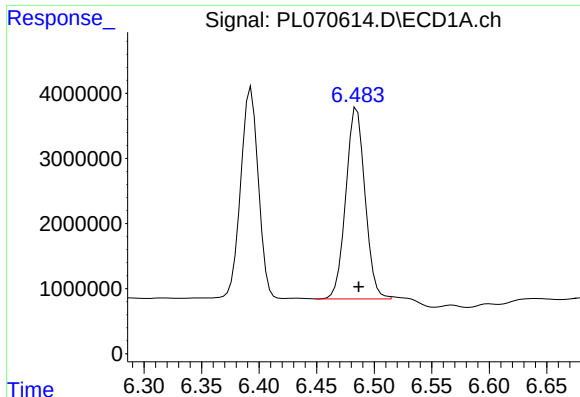
#4 Heptachlor

R.T.: 6.160 min
Delta R.T.: -0.002 min
Response: 35606130
Conc: 46.36 ng/ml



#4 Heptachlor

R.T.: 7.187 min
Delta R.T.: -0.002 min
Response: 98589505
Conc: 42.89 ng/ml



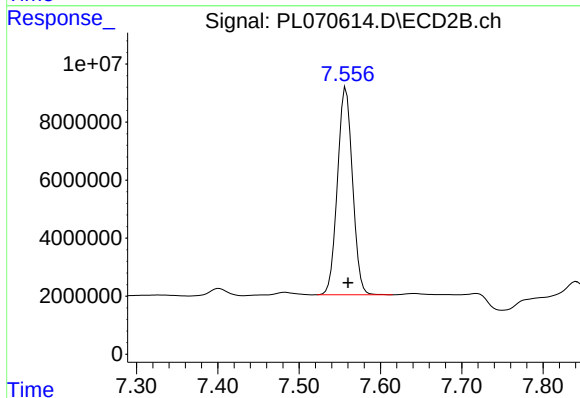
#5 Aldrin

R.T.: 6.483 min
Delta R.T.: -0.003 min
Response: 34314252
Conc: 49.07 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

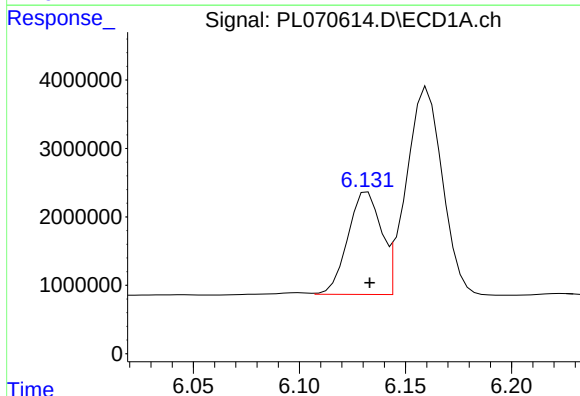
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



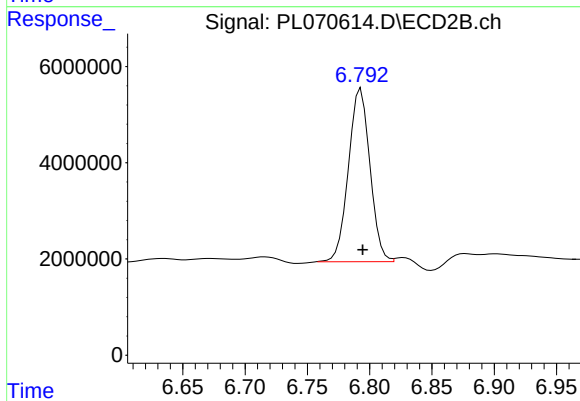
#5 Aldrin

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 91922481
Conc: 43.83 ng/ml



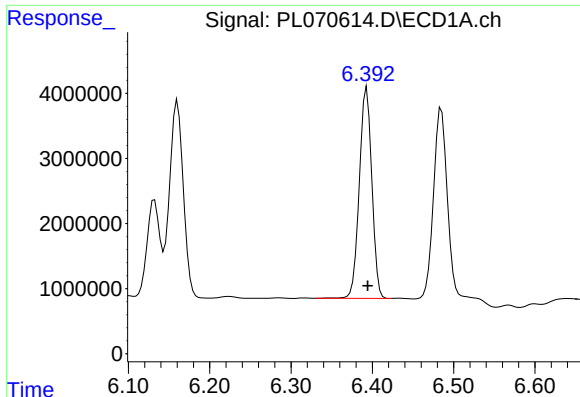
#6 beta-BHC

R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 16314546
Conc: 46.55 ng/ml



#6 beta-BHC

R.T.: 6.792 min
Delta R.T.: -0.003 min
Response: 43619481
Conc: 41.38 ng/ml m



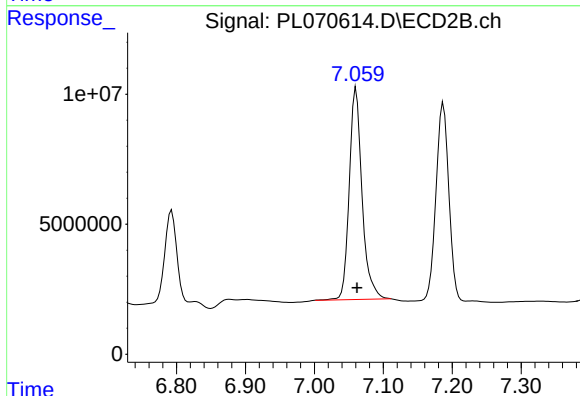
#7 delta-BHC

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 34556665
Conc: 48.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

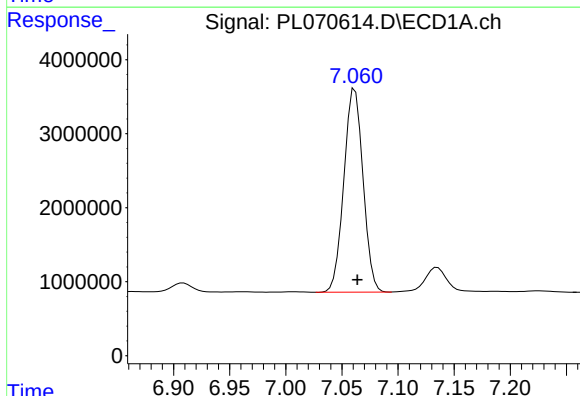
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



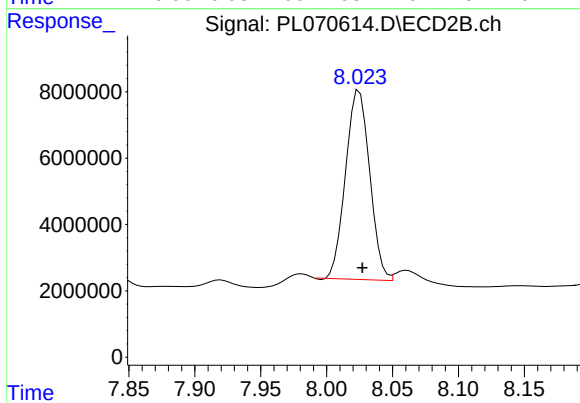
#7 delta-BHC

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 105275894
Conc: 41.84 ng/ml



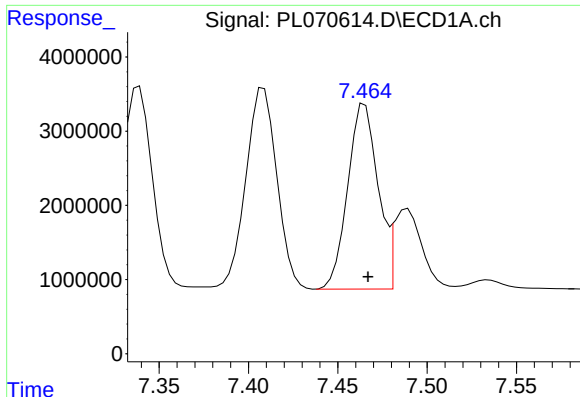
#8 Heptachlor epoxide

R.T.: 7.062 min
Delta R.T.: -0.002 min
Response: 32650952
Conc: 46.65 ng/ml



#8 Heptachlor epoxide

R.T.: 8.025 min
Delta R.T.: -0.002 min
Response: 72625076
Conc: 36.58 ng/ml



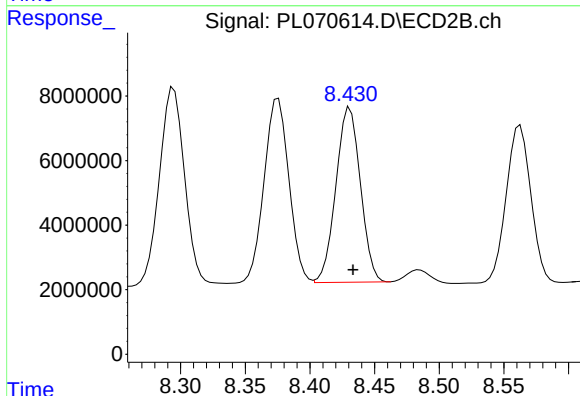
#9 Endosulfan I

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 29440312
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

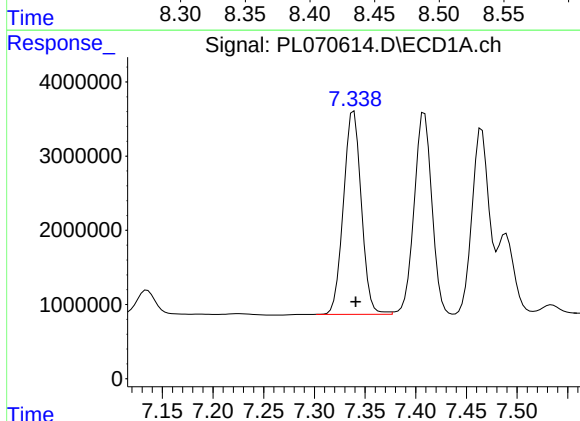
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



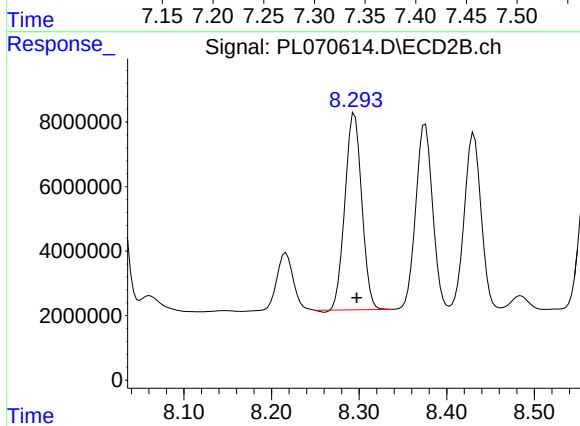
#9 Endosulfan I

R.T.: 8.431 min
Delta R.T.: -0.002 min
Response: 71268377
Conc: 38.66 ng/ml



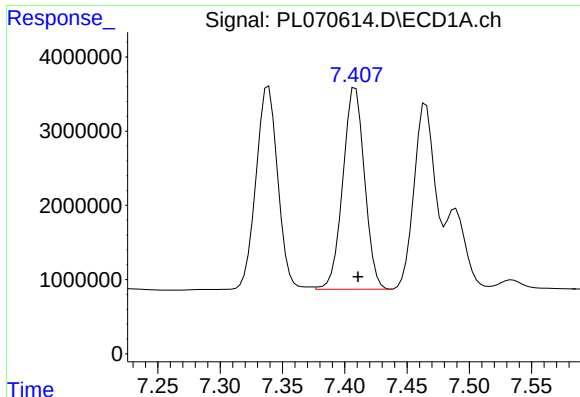
#10 gamma-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.002 min
Response: 33498211
Conc: 46.75 ng/ml



#10 gamma-Chlordane

R.T.: 8.295 min
Delta R.T.: -0.002 min
Response: 81174648
Conc: 40.66 ng/ml



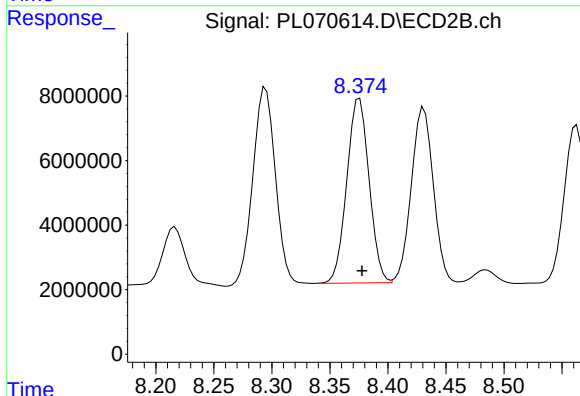
#11 alpha-Chlordane

R.T.: 7.409 min
Delta R.T.: -0.002 min
Response: 33082572
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

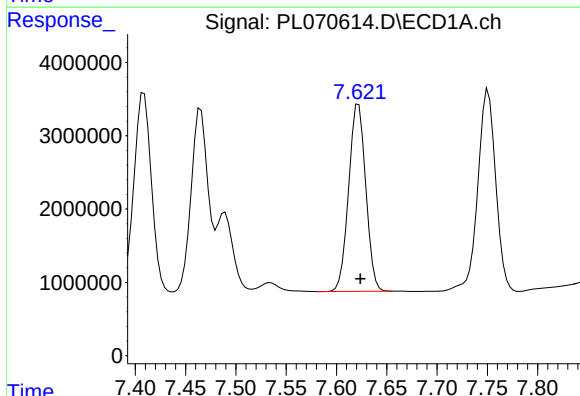
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



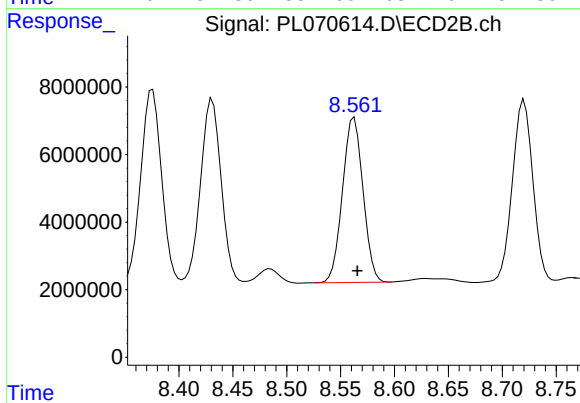
#11 alpha-Chlordane

R.T.: 8.376 min
Delta R.T.: -0.002 min
Response: 76424877
Conc: 39.03 ng/ml



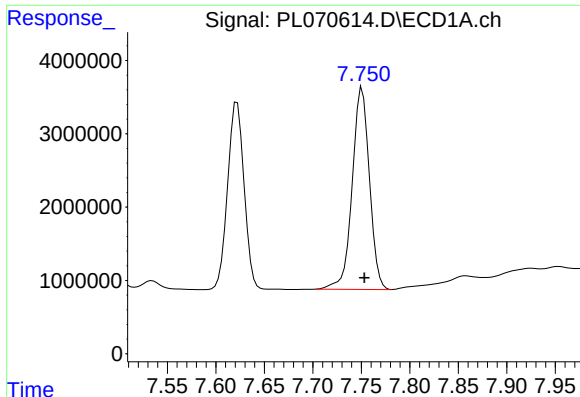
#12 4,4'-DDE

R.T.: 7.622 min
Delta R.T.: -0.002 min
Response: 30116317
Conc: 46.46 ng/ml



#12 4,4'-DDE

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 64707709
Conc: 32.91 ng/ml



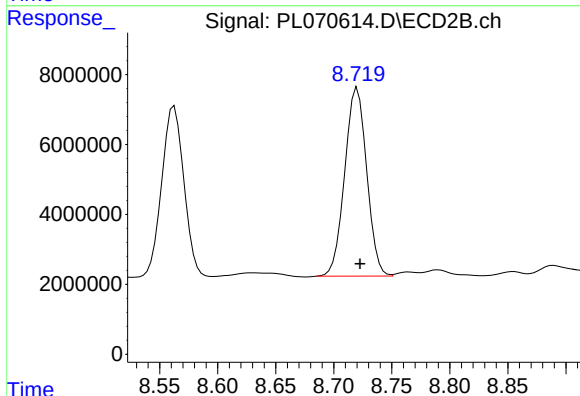
#13 Dieldrin

R.T.: 7.750 min
Delta R.T.: -0.004 min
Response: 34057944
Conc: 48.46 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

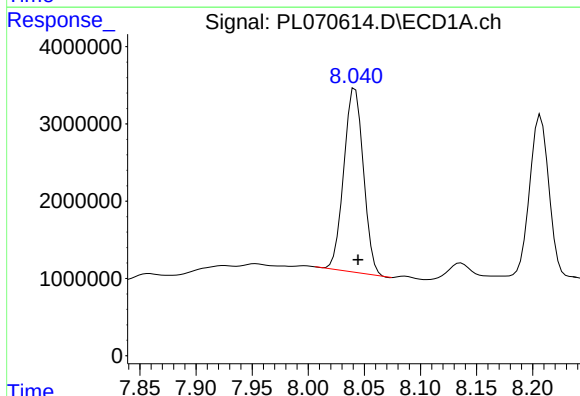
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



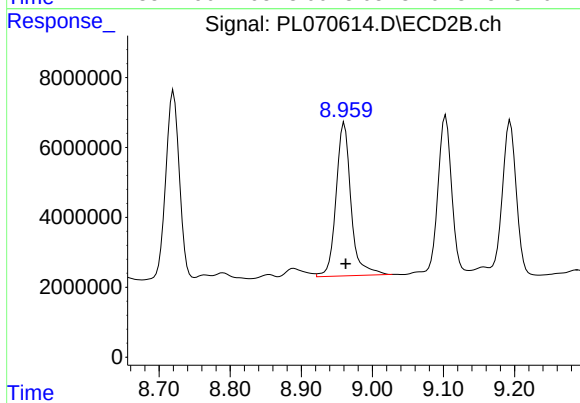
#13 Dieldrin

R.T.: 8.720 min
Delta R.T.: -0.002 min
Response: 71083482
Conc: 37.19 ng/ml



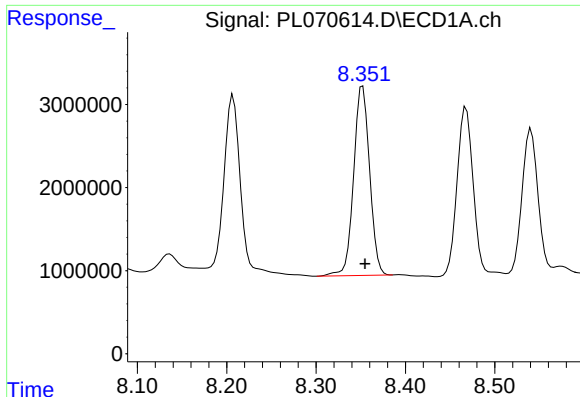
#14 Endrin

R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 28968512
Conc: 44.78 ng/ml



#14 Endrin

R.T.: 8.961 min
Delta R.T.: -0.002 min
Response: 64039483
Conc: 39.43 ng/ml



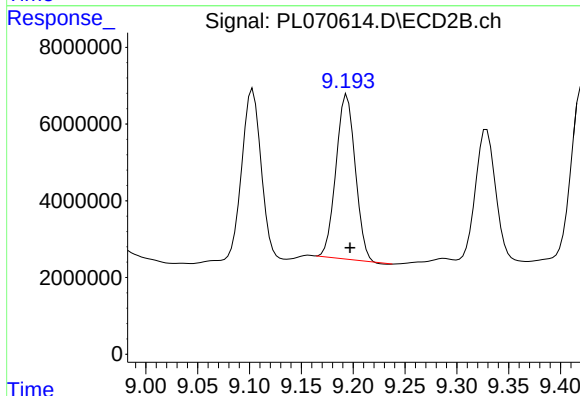
#15 Endosulfan II

R.T.: 8.352 min
Delta R.T.: -0.003 min
Response: 28360434
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

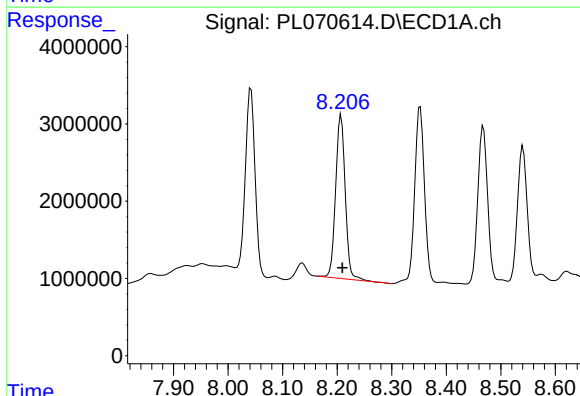
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



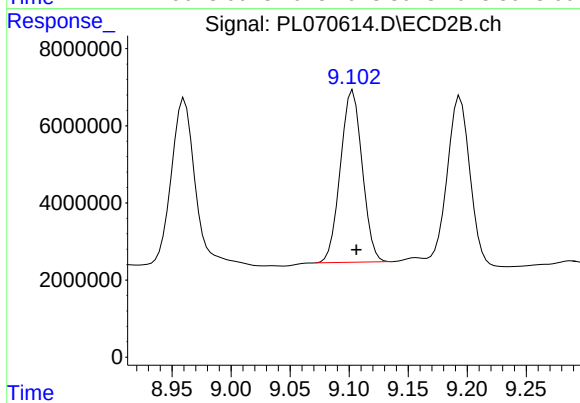
#15 Endosulfan II

R.T.: 9.194 min
Delta R.T.: -0.003 min
Response: 55188055
Conc: 35.86 ng/ml



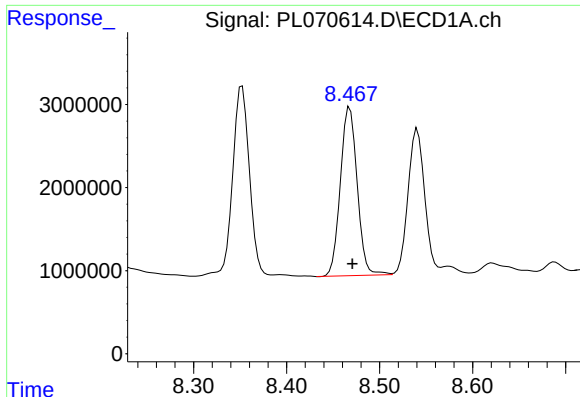
#16 4,4'-DDD

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 26052887
Conc: 45.79 ng/ml



#16 4,4'-DDD

R.T.: 9.103 min
Delta R.T.: -0.003 min
Response: 57401268
Conc: 37.52 ng/ml



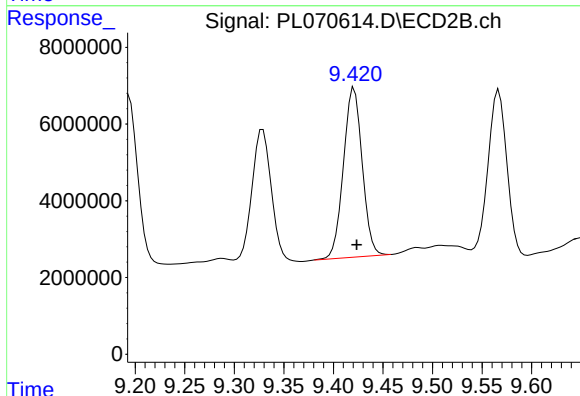
#17 4,4'-DDT

R.T.: 8.468 min
Delta R.T.: -0.003 min
Response: 25557447
Conc: 40.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

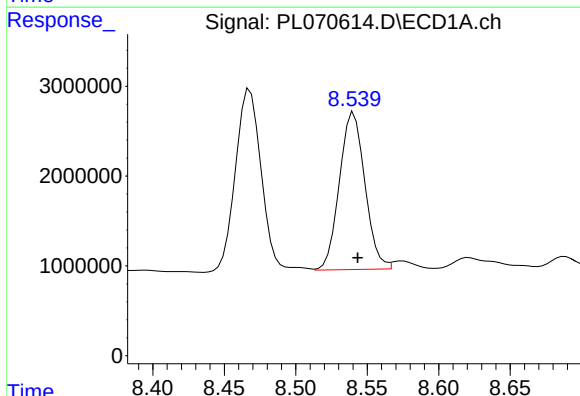
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



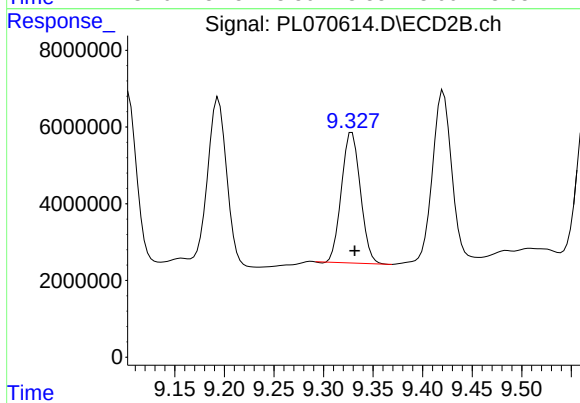
#17 4,4'-DDT

R.T.: 9.421 min
Delta R.T.: -0.003 min
Response: 58177142
Conc: 33.67 ng/ml



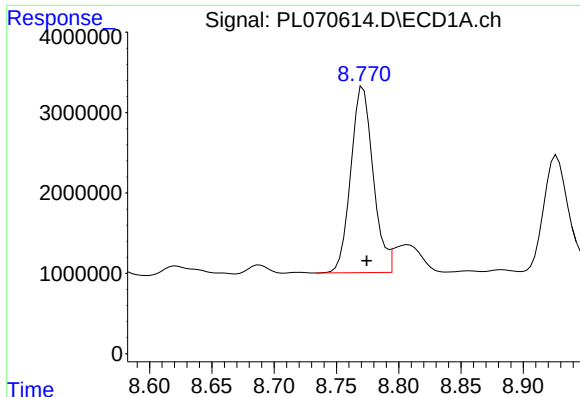
#18 Endrin aldehyde

R.T.: 8.541 min
Delta R.T.: -0.003 min
Response: 21737786
Conc: 42.60 ng/ml



#18 Endrin aldehyde

R.T.: 9.329 min
Delta R.T.: -0.003 min
Response: 45215861
Conc: 36.17 ng/ml



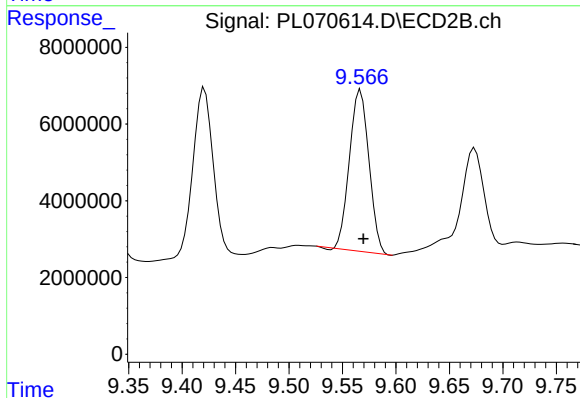
#19 Endosulfan Sulfate

R.T.: 8.772 min
Delta R.T.: -0.003 min
Response: 28992228
Conc: 42.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

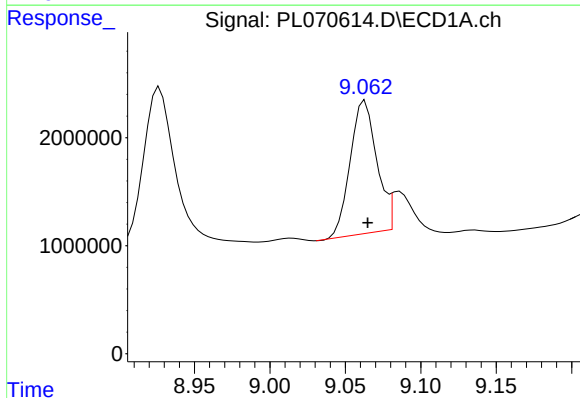
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



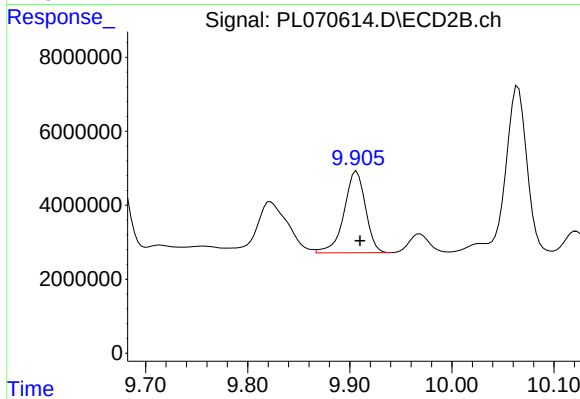
#19 Endosulfan Sulfate

R.T.: 9.567 min
Delta R.T.: -0.003 min
Response: 53435316
Conc: 34.47 ng/ml



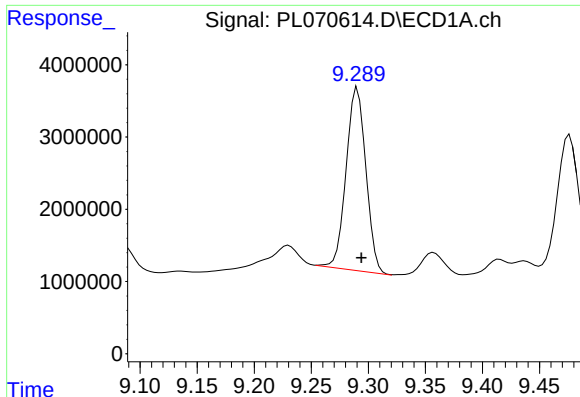
#20 Methoxychlor

R.T.: 9.063 min
Delta R.T.: -0.002 min
Response: 14995585
Conc: 37.00 ng/ml



#20 Methoxychlor

R.T.: 9.907 min
Delta R.T.: -0.003 min
Response: 32220034
Conc: 32.65 ng/ml



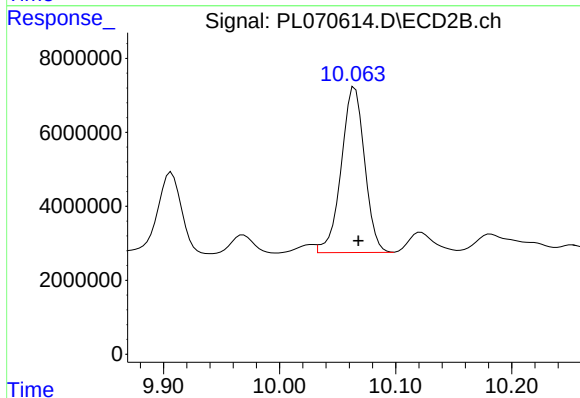
#21 Endrin ketone

R.T.: 9.289 min
Delta R.T.: -0.005 min
Response: 30504431
Conc: 36.94 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

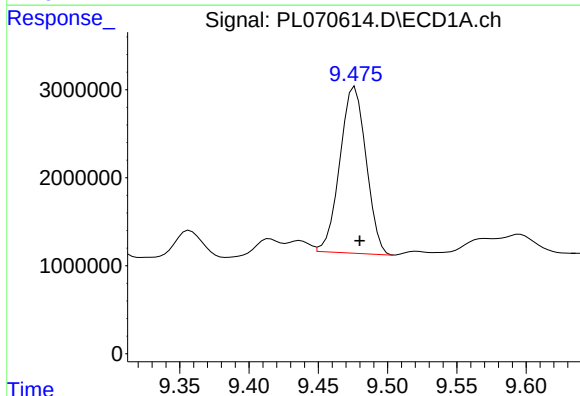
Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



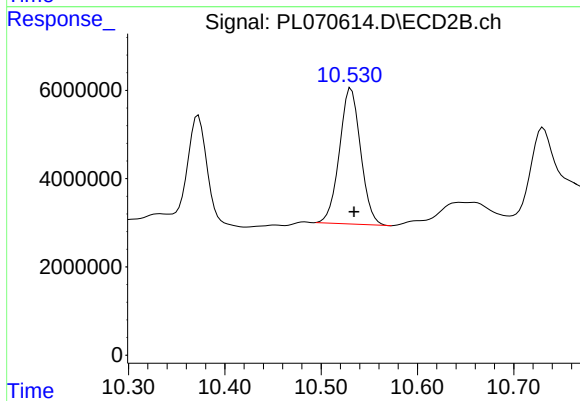
#21 Endrin ketone

R.T.: 10.063 min
Delta R.T.: -0.005 min
Response: 62597466
Conc: 36.13 ng/ml m



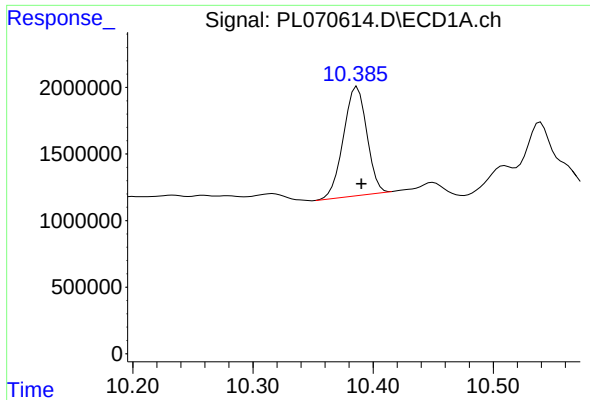
#22 Mirex

R.T.: 9.475 min
Delta R.T.: -0.005 min
Response: 24927751
Conc: 36.52 ng/ml m



#22 Mirex

R.T.: 10.531 min
Delta R.T.: -0.003 min
Response: 46931292
Conc: 39.20 ng/ml



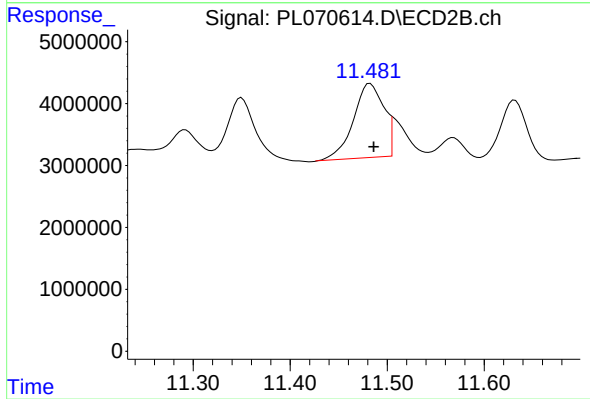
#28 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: -0.004 min
Response: 11076668
Conc: 14.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-01-102621MSD

Manual Integrations
APPROVED

mohammad
10/28/2021 1:34:03 PM



#28 Decachlorobiphenyl

R.T.: 11.481 min
Delta R.T.: -0.005 min
Response: 25840723
Conc: 17.91 ng/ml m