

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031920\
 Data File : PL057493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2020 18:26
 Operator : AJ\MA
 Sample : L1964-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 2000448388MSD

Manual Integrations
 APPROVED

mohammad
 3/20/2020 1:21:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 01:25:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.458	3.956	177.3E6	42571071	19.126	19.622
28)	SA Decachlor...	8.204	8.977	160.9E6	36587556	15.204	16.500
Target Compounds							
2)	A alpha-BHC	3.894	4.343	788.8E6	169.7E6	49.520	52.834
3)	MA gamma-BHC...	4.178	4.626	750.6E6	156.3E6	52.222	49.818
4)	MA Heptachlor	4.477	5.127	694.4E6	150.7E6	46.753m	47.868
5)	MB Aldrin	4.725	5.429	649.7E6	145.1E6	47.096m	47.576
6)	B beta-BHC	4.428	4.799	299.5E6	75755528	50.936m	52.523
7)	B delta-BHC	4.633	5.012	685.1E6	129.1E6	48.812	49.776
8)	B Heptachlo...	5.168	5.813	627.2E6	140.7E6	48.940	51.580
9)	A Endosulfan I	5.507	6.167	573.0E6	140.0E6	48.189	49.209
10)	B gamma-Chl...	5.395	6.046	619.6E6	151.6E6	47.515	49.190
11)	B alpha-Chl...	5.453	6.119	599.1E6	150.3E6	46.357	48.301
12)	B 4,4'-DDE	5.617	6.278	591.9E6	136.1E6	47.518	47.898
13)	MA Dieldrin	5.749	6.423	614.4E6	146.8E6	48.716	49.641
14)	MA Endrin	6.007	6.639	507.9E6	111.3E6	44.433	46.147
15)	B Endosulfa...	6.279	6.850	497.4E6	119.7E6	45.801	45.584
16)	A 4,4'-DDD	6.132	6.766	481.5E6	115.3E6	49.124	50.467
17)	MA 4,4'-DDT	6.373	7.063	414.2E6	96183221	41.530	42.229
18)	B Endrin al...	6.448	6.974	421.6E6	105.6E6	45.652	47.503
19)	B Endosulfa...	6.660	7.196	499.5E6	117.6E6	49.743	48.221
20)	A Methoxychlor	6.917	7.522	216.6E6	54077463	40.359	41.579
21)	B Endrin ke...	7.151	7.664	546.6E6	129.6E6	48.364	50.066
22)	Mirex	7.338	8.114	366.0E6	86892285	45.189	45.505

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031920\
Data File : PL057493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2020 18:26
Operator : AJ\MA
Sample : L1964-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

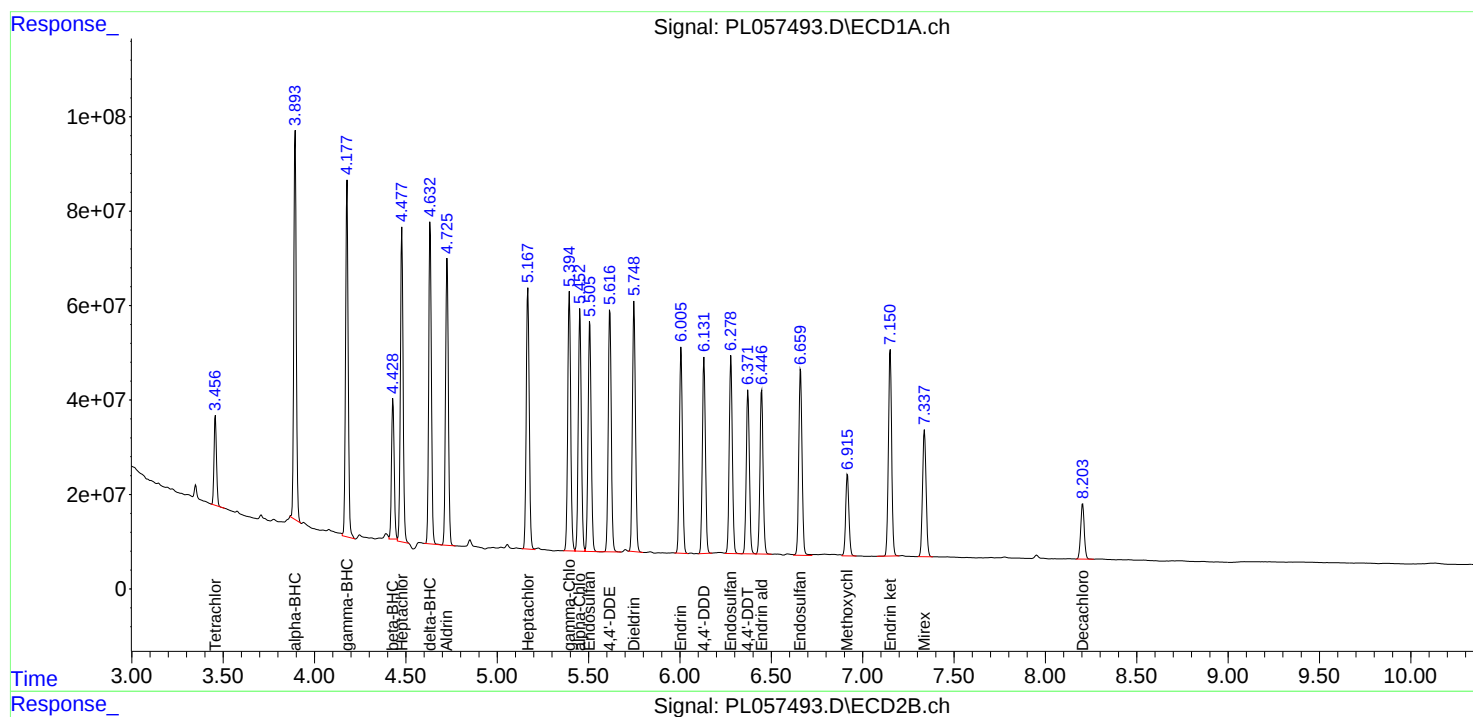
Instrument :
ECD_L
ClientSampleId :
2000448388MSD

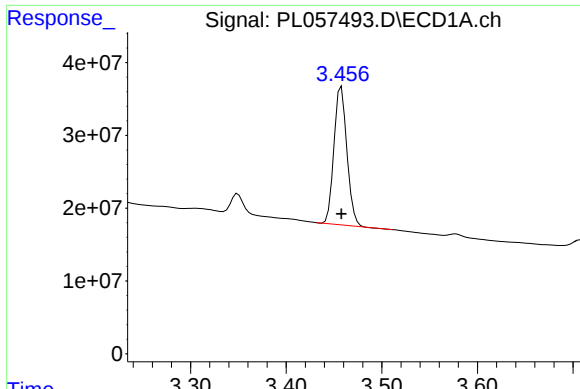
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:25:04 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
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





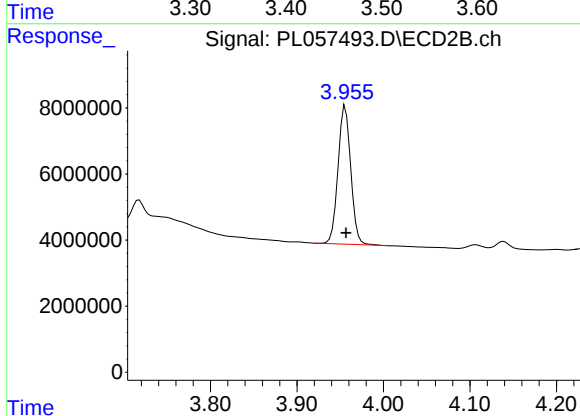
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 177283358
Conc: 19.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

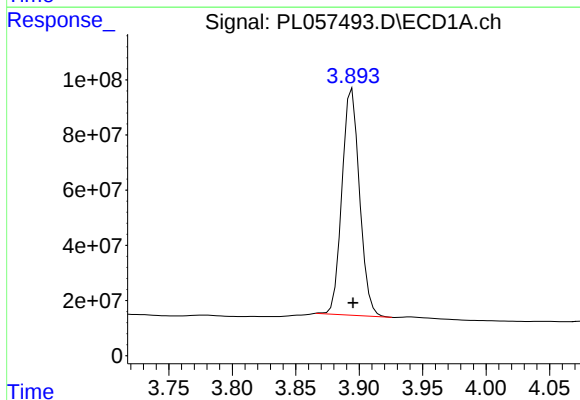
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



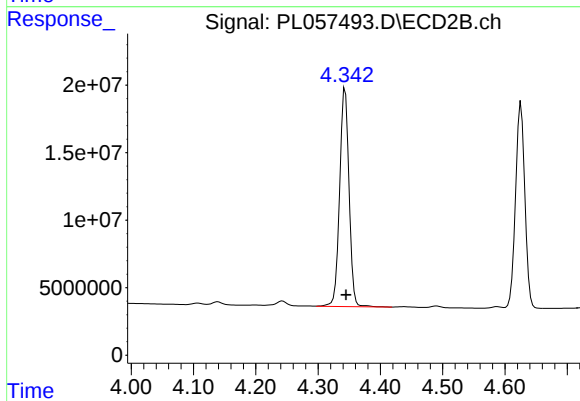
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 42571071
Conc: 19.62 ng/ml



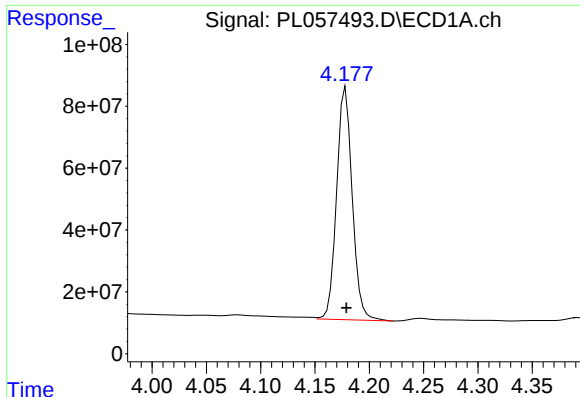
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.000 min
Response: 788831393
Conc: 49.52 ng/ml



#2 alpha-BHC

R.T.: 4.343 min
Delta R.T.: -0.002 min
Response: 169707336
Conc: 52.83 ng/ml



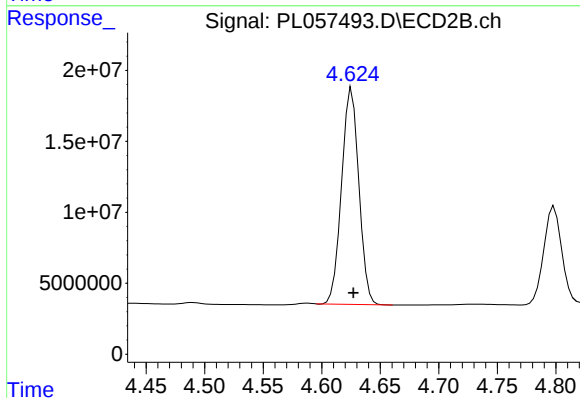
#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 750578716
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

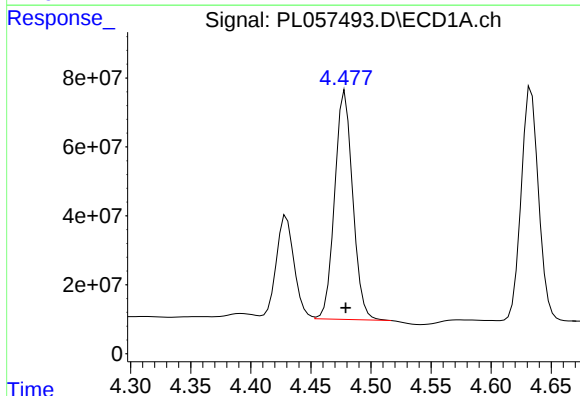
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



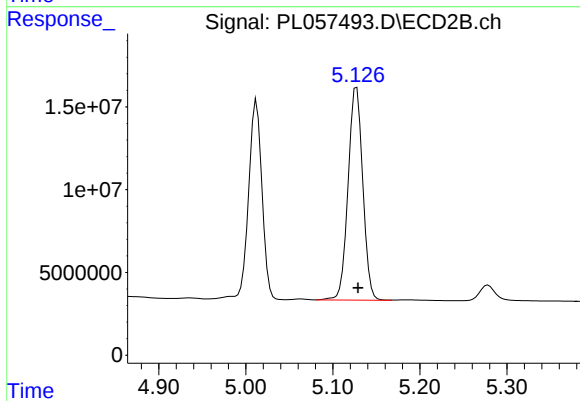
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: -0.001 min
Response: 156299560
Conc: 49.82 ng/ml



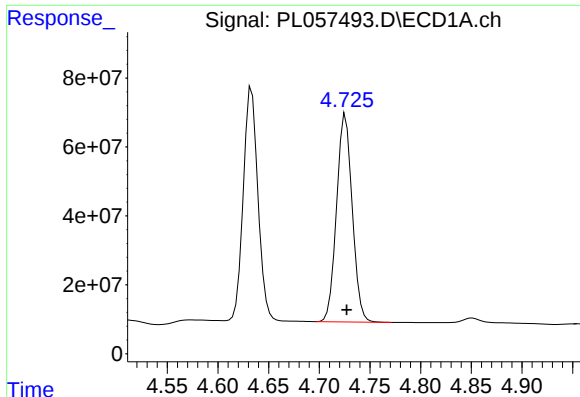
#4 Heptachlor

R.T.: 4.477 min
Delta R.T.: -0.002 min
Response: 694391252
Conc: 46.75 ng/ml m



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 150676330
Conc: 47.87 ng/ml



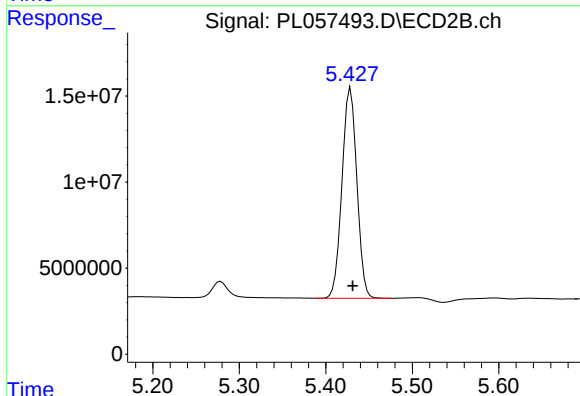
#5 Aldrin

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 649660509
Conc: 47.10 ng/ml m

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

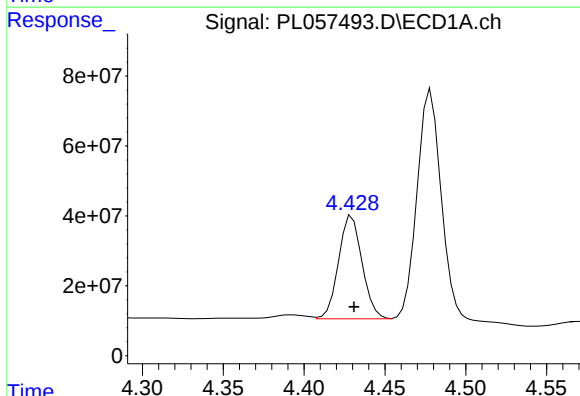
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



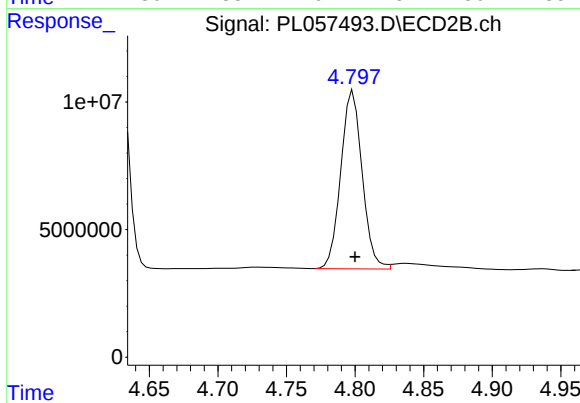
#5 Aldrin

R.T.: 5.429 min
Delta R.T.: -0.002 min
Response: 145142274
Conc: 47.58 ng/ml



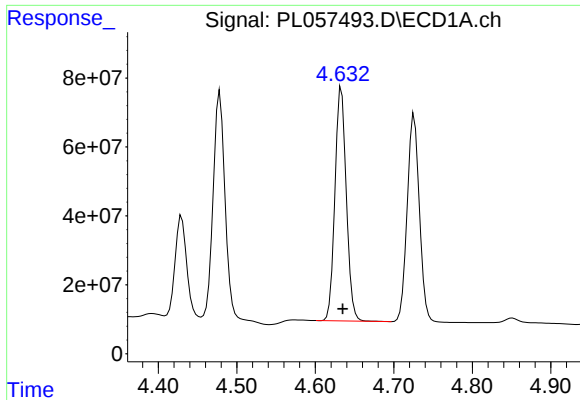
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 299456045
Conc: 50.94 ng/ml m



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 75755528
Conc: 52.52 ng/ml



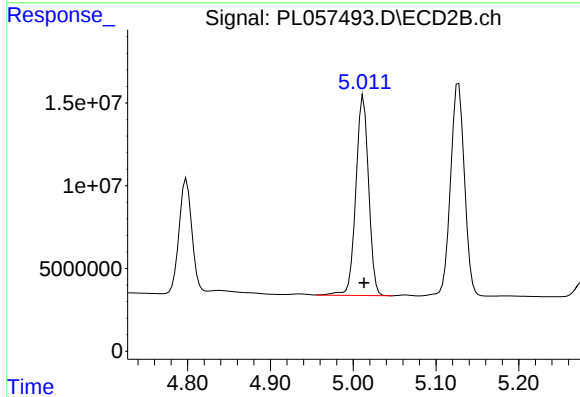
#7 delta-BHC

R.T.: 4.633 min
Delta R.T.: -0.002 min
Response: 685081179
Conc: 48.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

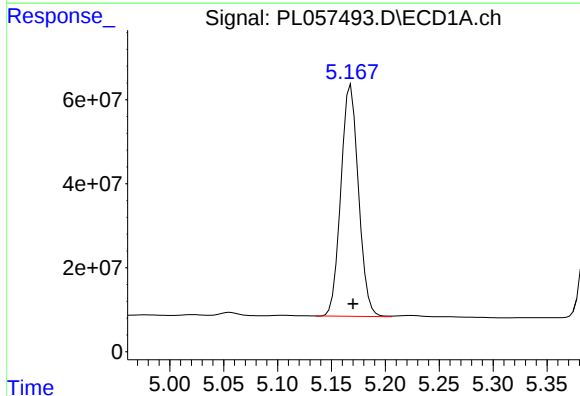
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



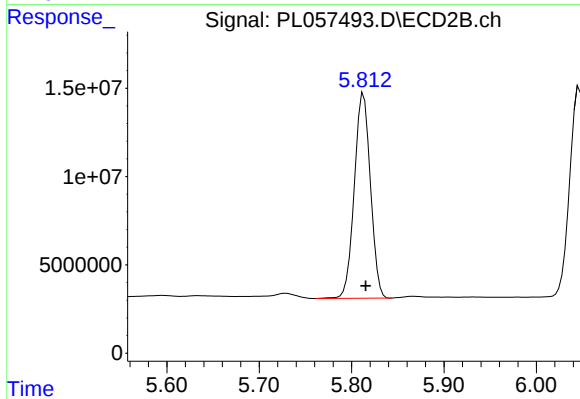
#7 delta-BHC

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 129098712
Conc: 49.78 ng/ml



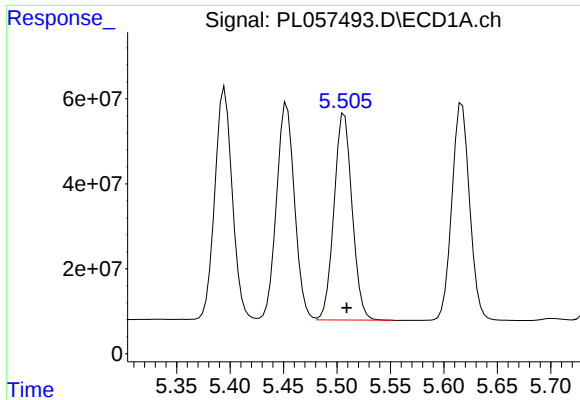
#8 Heptachlor epoxide

R.T.: 5.168 min
Delta R.T.: -0.002 min
Response: 627201176
Conc: 48.94 ng/ml



#8 Heptachlor epoxide

R.T.: 5.813 min
Delta R.T.: -0.002 min
Response: 140743979
Conc: 51.58 ng/ml



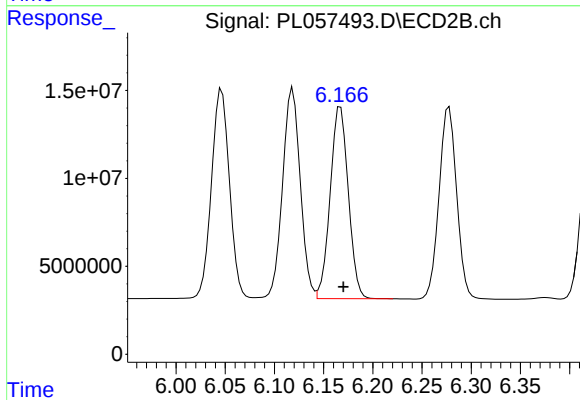
#9 Endosulfan I

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 572956196
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

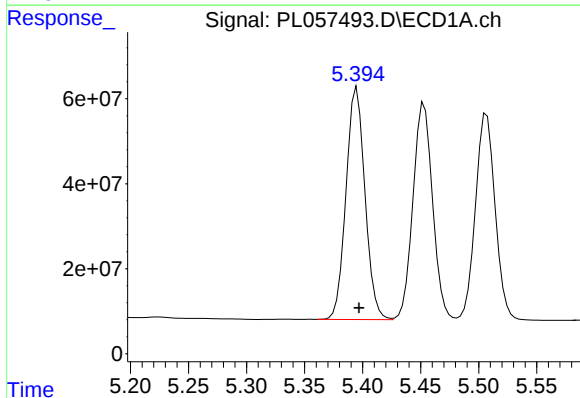
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



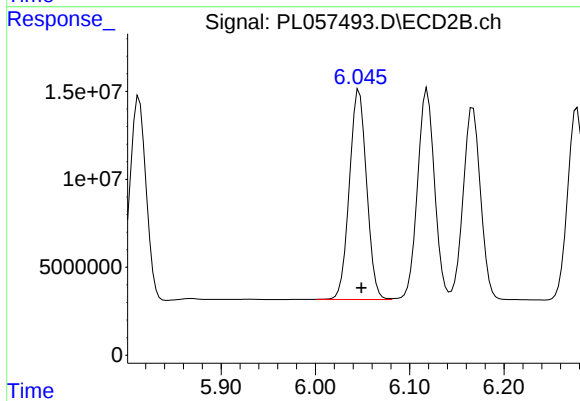
#9 Endosulfan I

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 140015708
Conc: 49.21 ng/ml



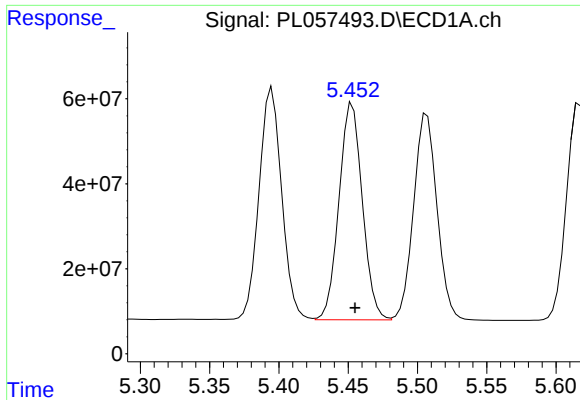
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 619603791
Conc: 47.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.046 min
Delta R.T.: -0.002 min
Response: 151610478
Conc: 49.19 ng/ml



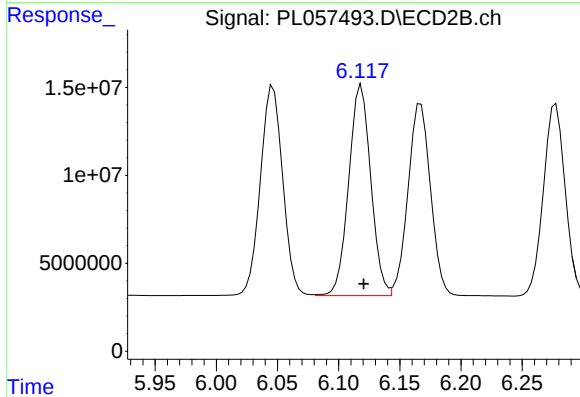
#11 alpha-Chlordane

R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 599059672
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

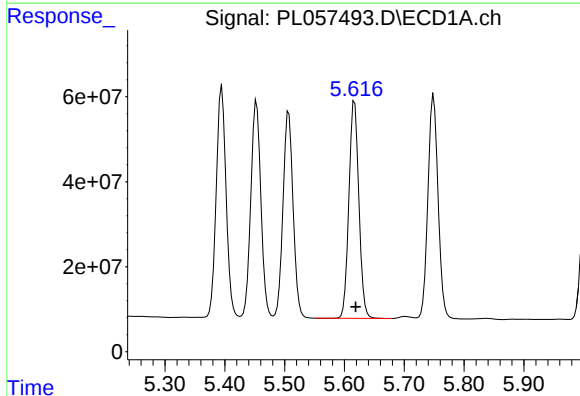
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



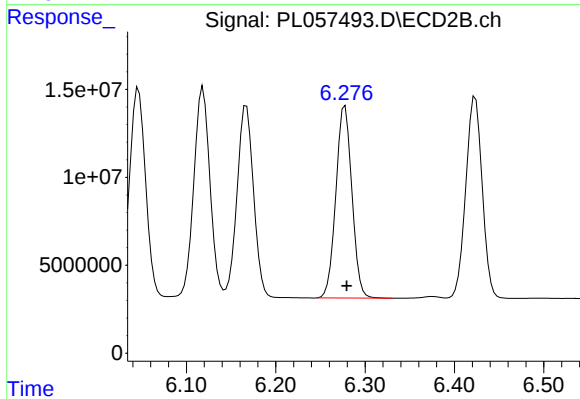
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 150345317
Conc: 48.30 ng/ml



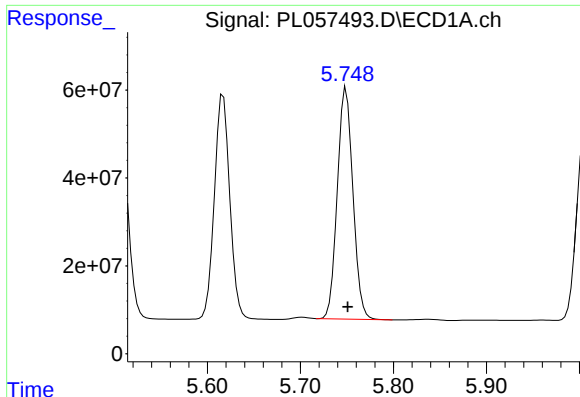
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 591871172
Conc: 47.52 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 136148412
Conc: 47.90 ng/ml



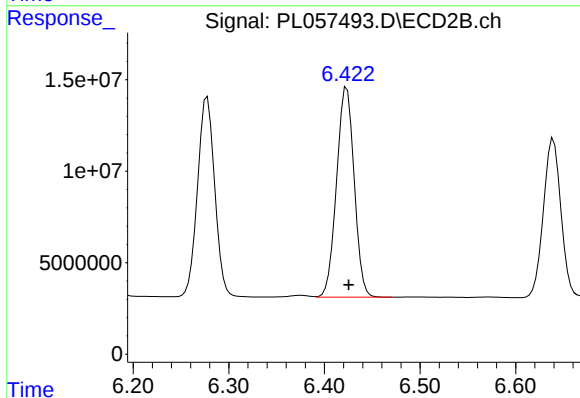
#13 Dieldrin

R.T.: 5.749 min
Delta R.T.: -0.002 min
Response: 614434457
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

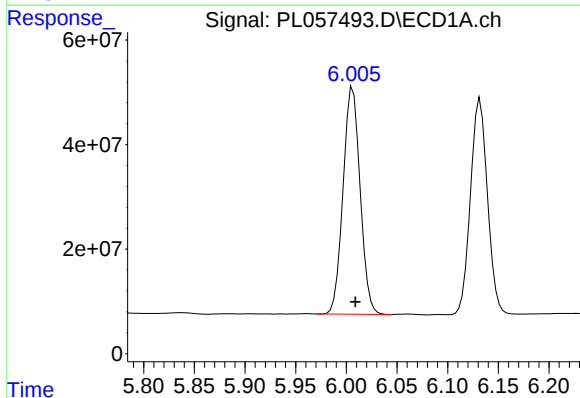
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



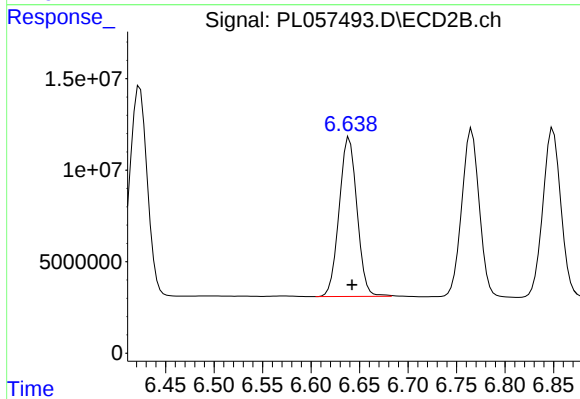
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: -0.002 min
Response: 146835931
Conc: 49.64 ng/ml



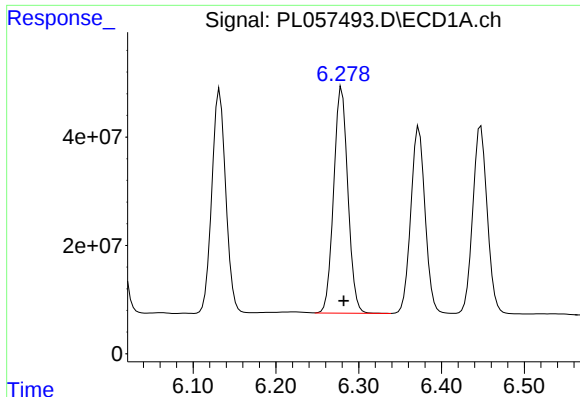
#14 Endrin

R.T.: 6.007 min
Delta R.T.: -0.003 min
Response: 507935309
Conc: 44.43 ng/ml



#14 Endrin

R.T.: 6.639 min
Delta R.T.: -0.003 min
Response: 111342776
Conc: 46.15 ng/ml



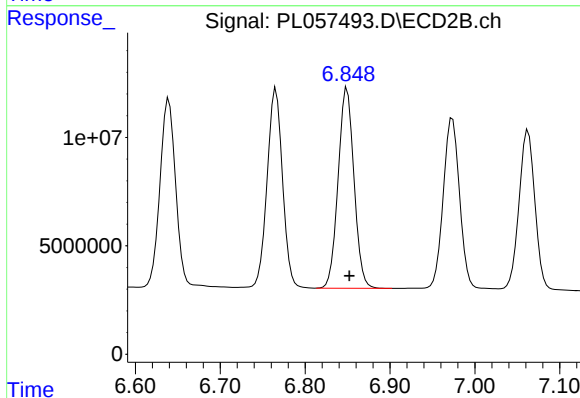
#15 Endosulfan II

R.T.: 6.279 min
Delta R.T.: -0.003 min
Response: 497447632
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

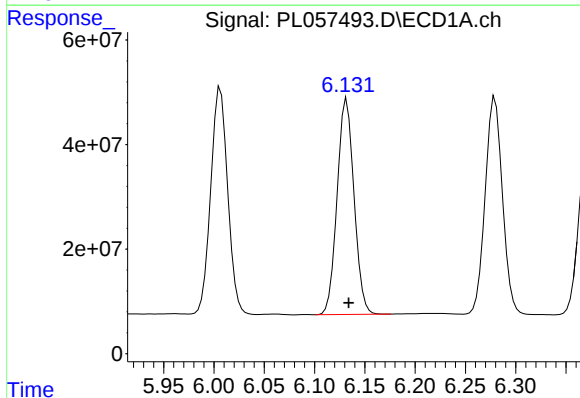
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



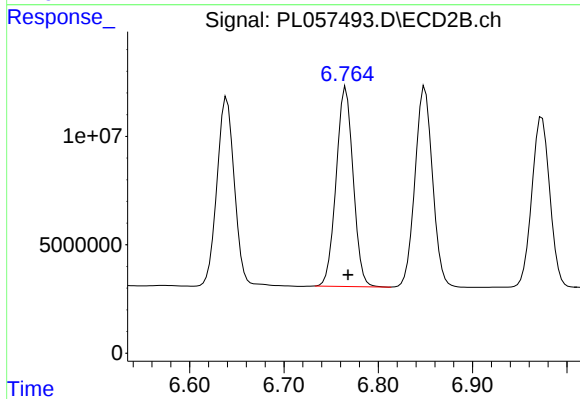
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 119741303
Conc: 45.58 ng/ml



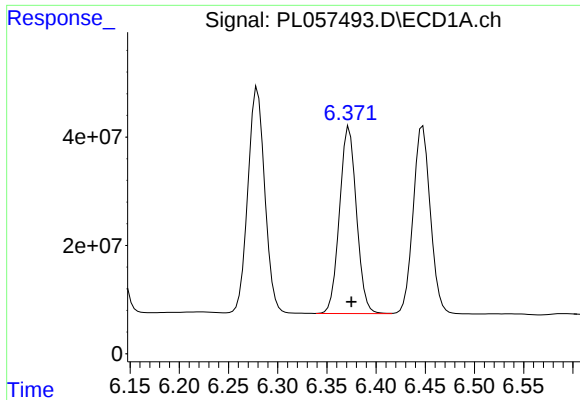
#16 4,4'-DDD

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 481479047
Conc: 49.12 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 115254229
Conc: 50.47 ng/ml



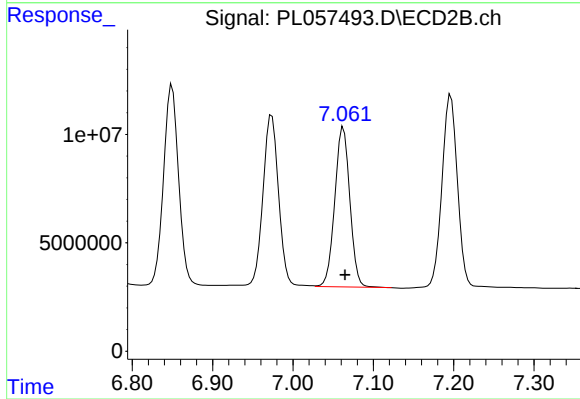
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 414166662
Conc: 41.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

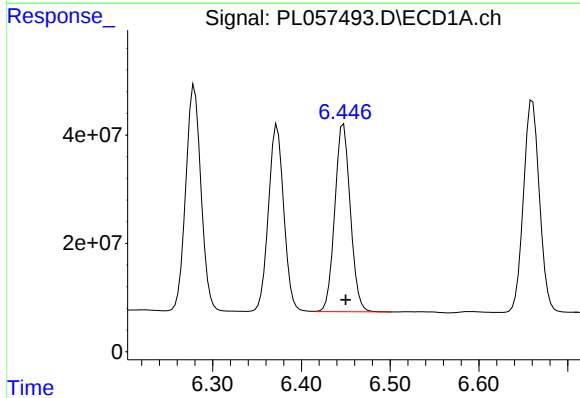
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



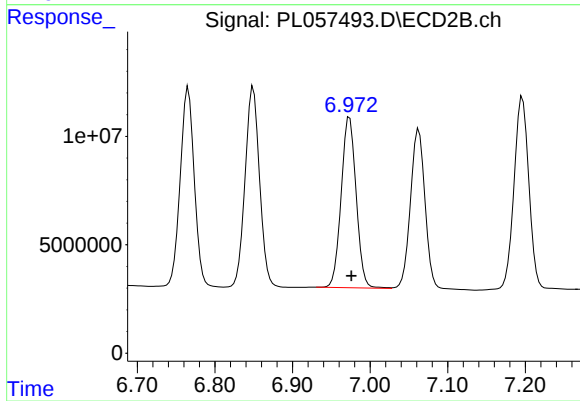
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 96183221
Conc: 42.23 ng/ml



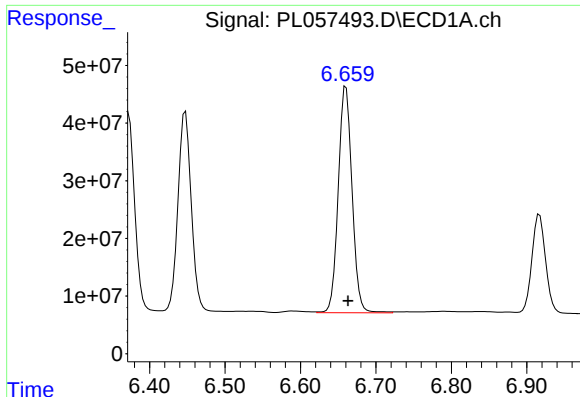
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 421608061
Conc: 45.65 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 105603120
Conc: 47.50 ng/ml



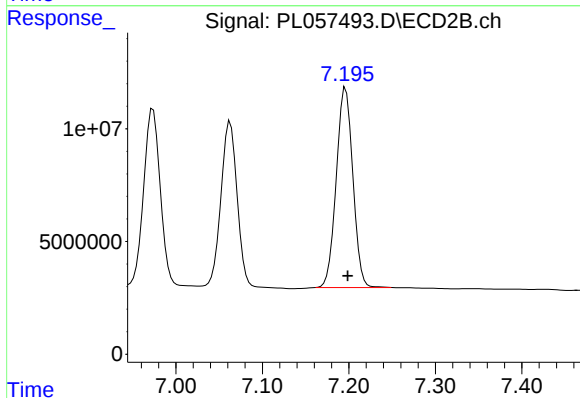
#19 Endosulfan Sulfate

R.T.: 6.660 min
Delta R.T.: -0.003 min
Response: 499547125
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

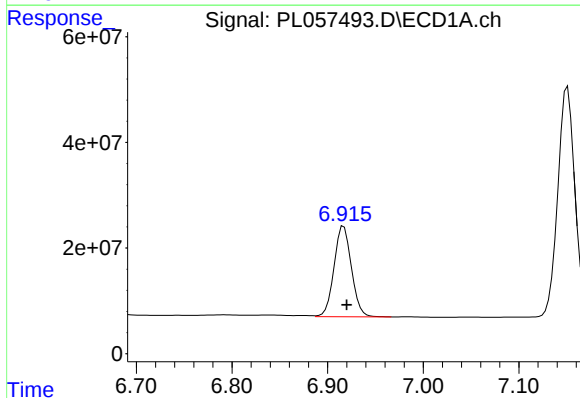
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



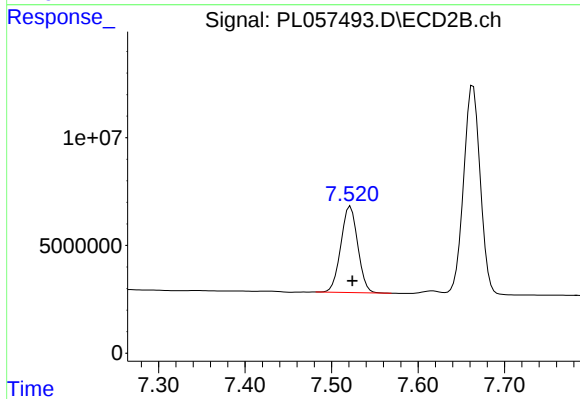
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 117614897
Conc: 48.22 ng/ml



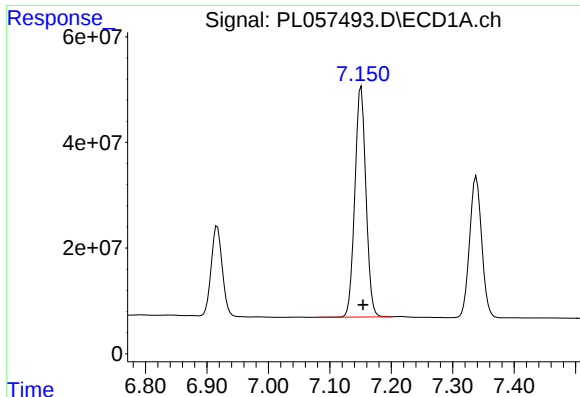
#20 Methoxychlor

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 216558993
Conc: 40.36 ng/ml



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 54077463
Conc: 41.58 ng/ml



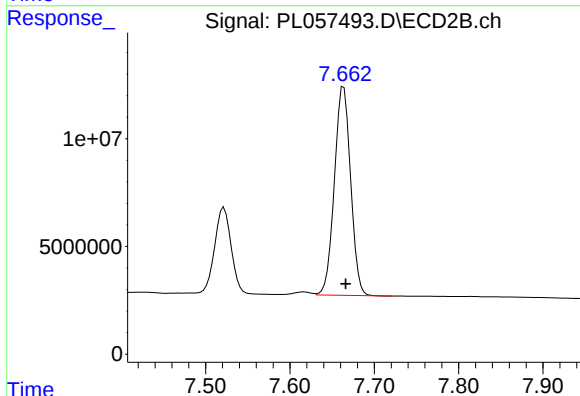
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.003 min
Response: 546635810
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

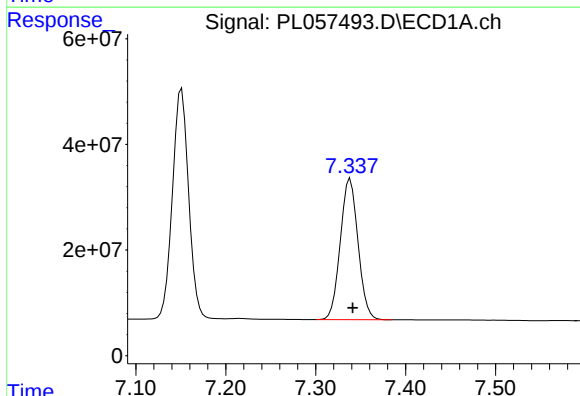
Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



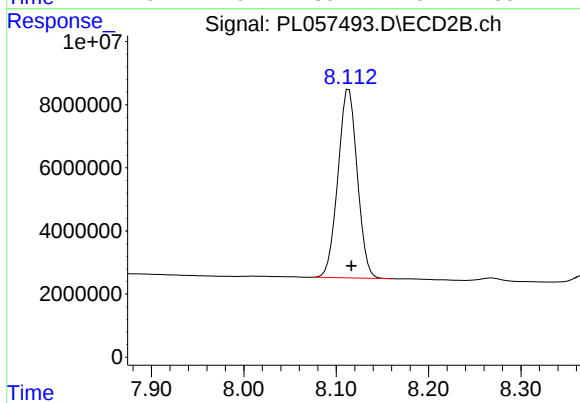
#21 Endrin ketone

R.T.: 7.664 min
Delta R.T.: -0.003 min
Response: 129600615
Conc: 50.07 ng/ml



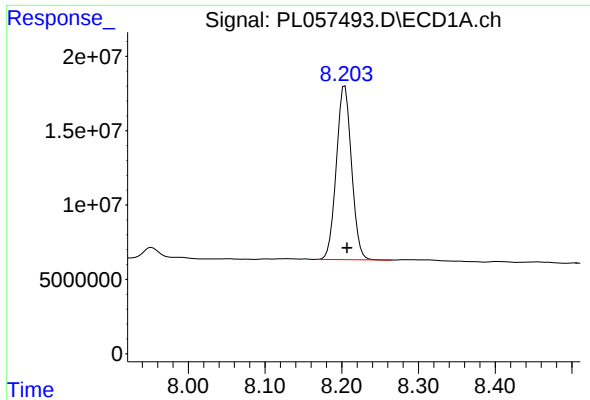
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 365999966
Conc: 45.19 ng/ml



#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 86892285
Conc: 45.50 ng/ml



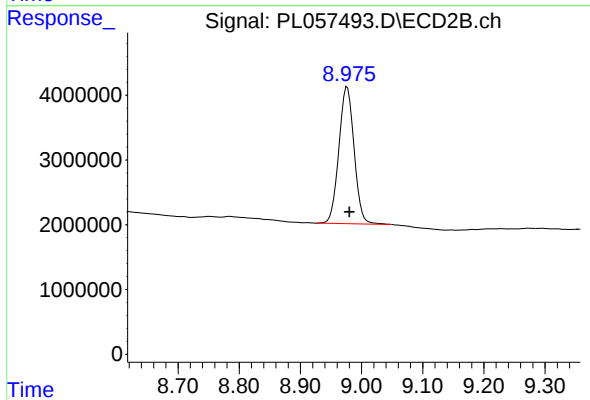
#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.003 min
Response: 160873135
Conc: 15.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
2000448388MSD

Manual Integrations
APPROVED

mohammad
3/20/2020 1:21:21 PM



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.004 min
Response: 36587556
Conc: 16.50 ng/ml