

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101121\
 Data File : PL070235.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2021 13:30
 Operator : AR\AJ
 Sample : M4159-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 T9-COMP-(1-4)MSD

Manual Integrations
 APPROVED

mohammad
 10/13/2021 1:19:49 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 03:09:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 29 09:19:28 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...	4.628	5.566	9290271	26221499	18.566	19.825
28)	SA Decachlor...	10.395	11.490	12649242	22167450	18.280	18.318
Target Compounds							
2)	A alpha-BHC	5.335	6.147	35055499	103.8E6	47.358	53.072
3)	MA gamma-BHC...	5.758	6.543	32722861	92815286	46.864	50.659
4)	MA Heptachlor	6.168	7.193	34762210	94973227	45.633	50.925
5)	MB Aldrin	6.492	7.564	32394589	86457898	44.880	50.177
6)	B beta-BHC	6.139	6.798	14843178	40826439	44.211	47.480
7)	B delta-BHC	6.400	7.066	30128726	88322641	43.581	45.631
8)	B Heptachlo...	7.070	8.031	31483992	77027573	44.898	49.700
9)	A Endosulfan I	7.472	8.437	30276582	71892496	45.304	48.865
10)	B gamma-Chl...	7.346	8.301	33043270	80364506	45.626	50.245
11)	B alpha-Chl...	7.416	8.382	32782255	78055906	45.011	49.492
12)	B 4,4'-DDE	7.630	8.569	30706039	74382421	48.245	48.024
13)	MA Dieldrin	7.758	8.726	31328343	75217151	45.597	49.274
14)	MA Endrin	8.050	8.966	30318518	63842341	47.978	50.824
15)	B Endosulfa...	8.359	9.200	27026326	63679925	42.603m	53.291m#
16)	A 4,4'-DDD	8.215	9.109	24408367	58722098	43.520	49.712
17)	MA 4,4'-DDT	8.476	9.426	29477700	67510053	48.189	51.659
18)	B Endrin al...	8.549	9.335	21598653	45930730	43.593	47.620
19)	B Endosulfa...	8.779	9.572	28825399	57174482	43.691	46.720
20)	A Methoxychlor	9.071	9.912	17830750	30191838	47.752	46.654
21)	B Endrin ke...	9.299	10.071	32780198	64273076	42.899	48.049
22)	Mirex	9.485	10.537	26501664	45106319	40.179	45.788

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101121\
Data File : PL070235.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2021 13:30
Operator : AR\AJ
Sample : M4159-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

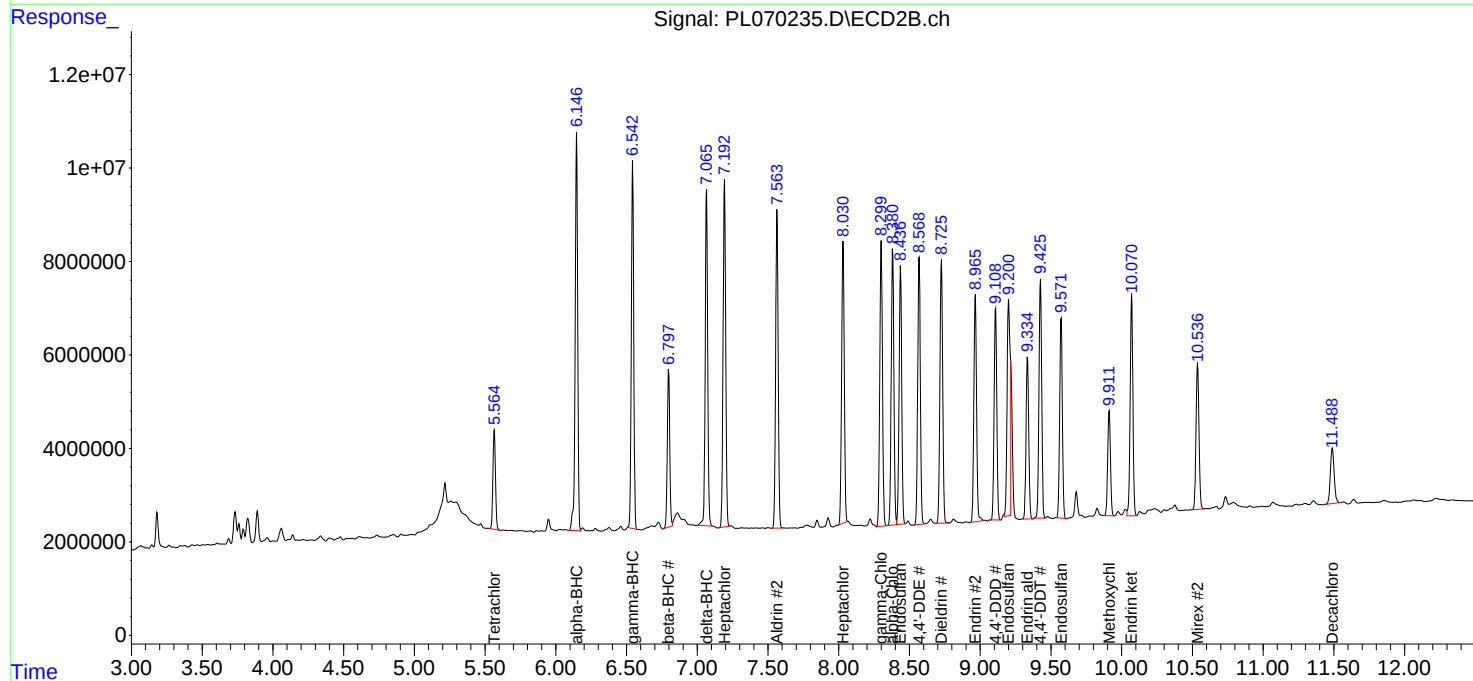
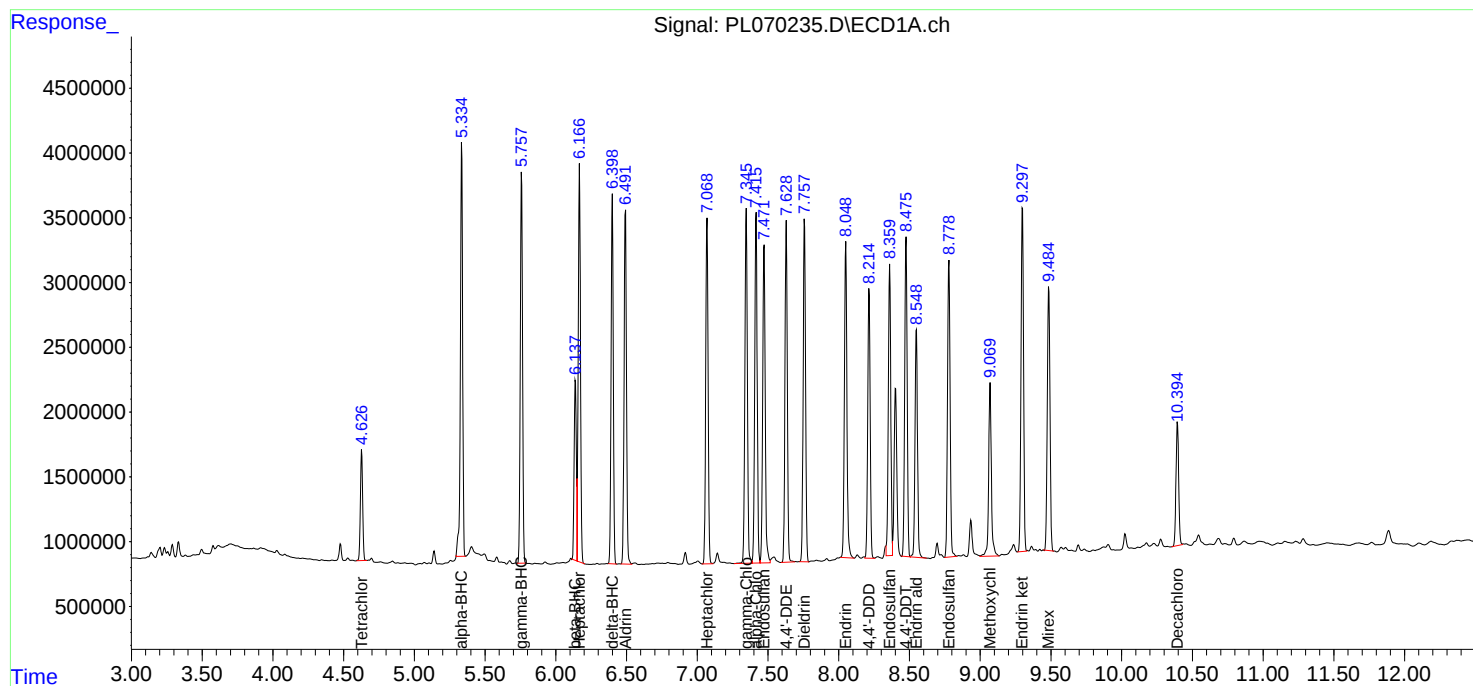
Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

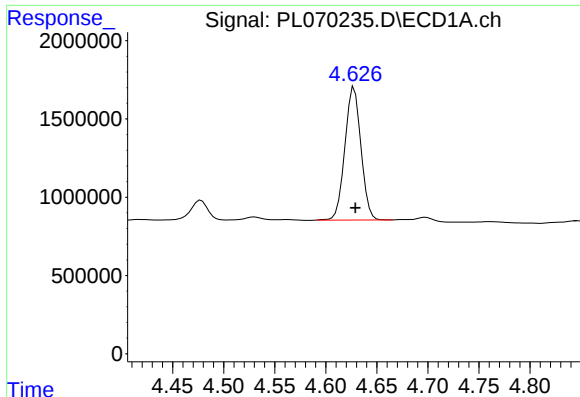
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 12 03:09:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092821.M
Quant Title : GC Extractables
QLast Update : Wed Sep 29 09:19:28 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





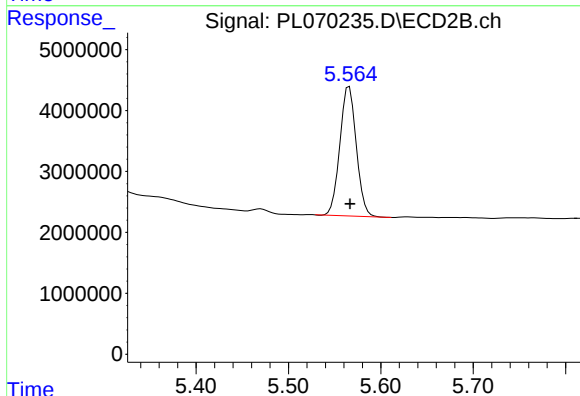
#1 Tetrachloro-m-xylene

R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 9290271
Conc: 18.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

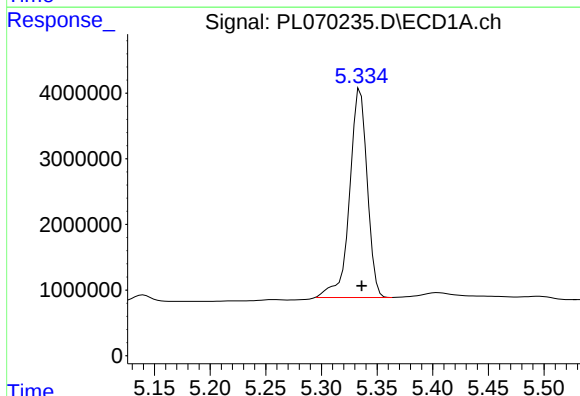
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



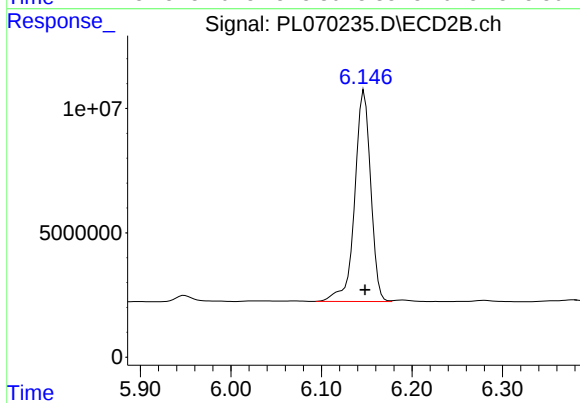
#1 Tetrachloro-m-xylene

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 26221499
Conc: 19.83 ng/ml



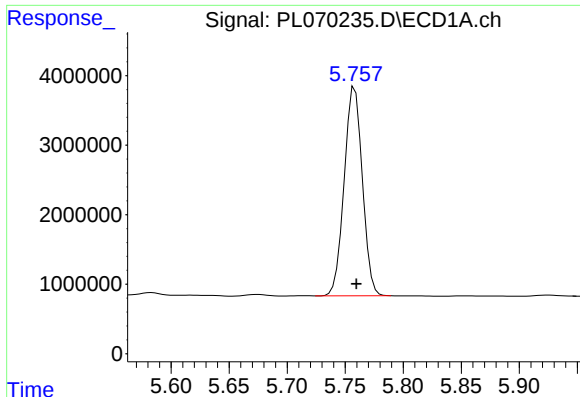
#2 alpha-BHC

R.T.: 5.335 min
Delta R.T.: -0.001 min
Response: 35055499
Conc: 47.36 ng/ml



#2 alpha-BHC

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 103805485
Conc: 53.07 ng/ml



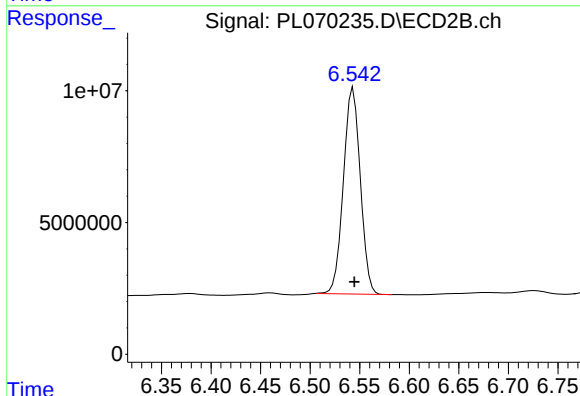
#3 gamma-BHC (Lindane)

R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 32722861
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

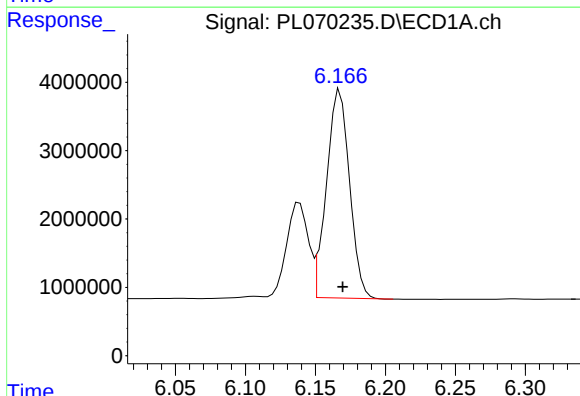
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



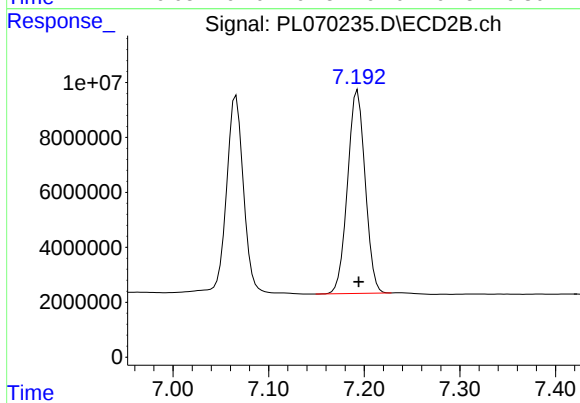
#3 gamma-BHC (Lindane)

R.T.: 6.543 min
Delta R.T.: -0.001 min
Response: 92815286
Conc: 50.66 ng/ml



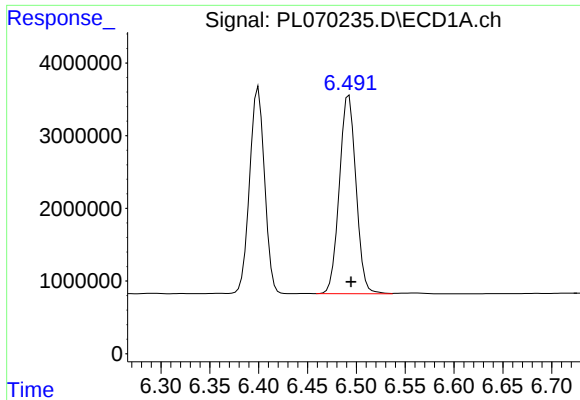
#4 Heptachlor

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 34762210
Conc: 45.63 ng/ml



#4 Heptachlor

R.T.: 7.193 min
Delta R.T.: -0.001 min
Response: 94973227
Conc: 50.93 ng/ml



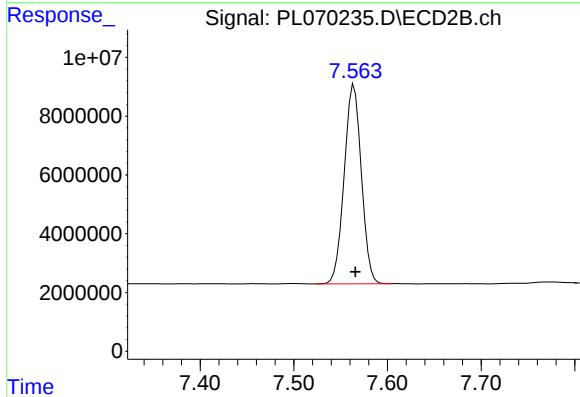
#5 Aldrin

R.T.: 6.492 min
Delta R.T.: -0.002 min
Response: 32394589
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

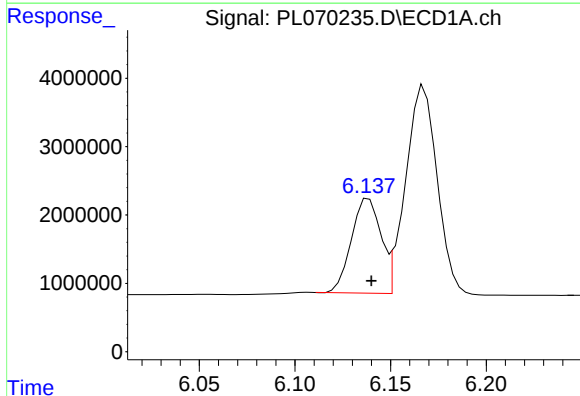
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



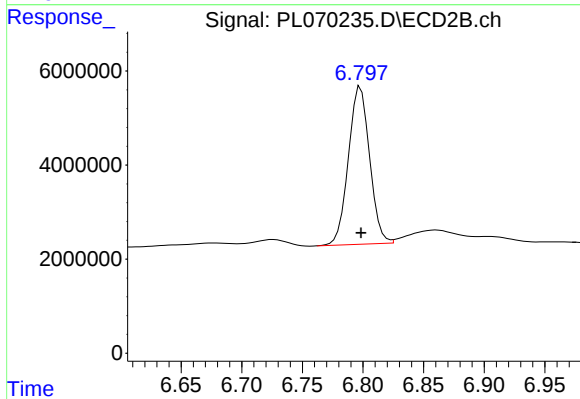
#5 Aldrin

R.T.: 7.564 min
Delta R.T.: -0.001 min
Response: 86457898
Conc: 50.18 ng/ml



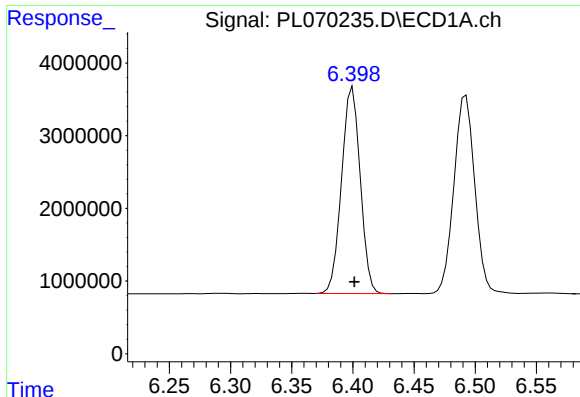
#6 beta-BHC

R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 14843178
Conc: 44.21 ng/ml



#6 beta-BHC

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 40826439
Conc: 47.48 ng/ml



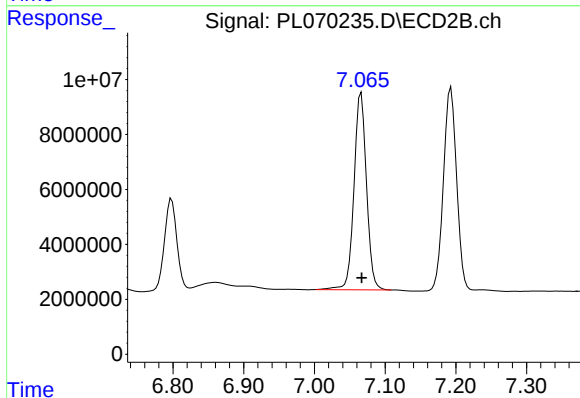
#7 delta-BHC

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 30128726
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

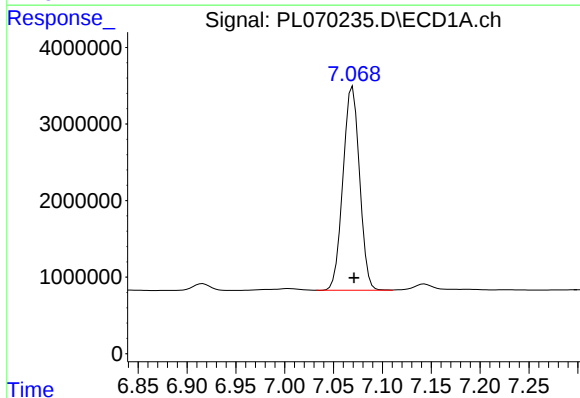
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



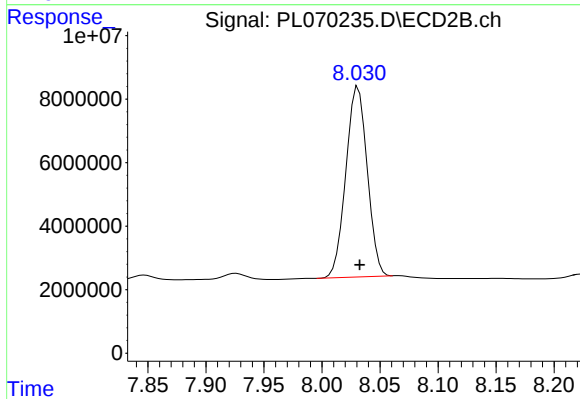
#7 delta-BHC

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 88322641
Conc: 45.63 ng/ml



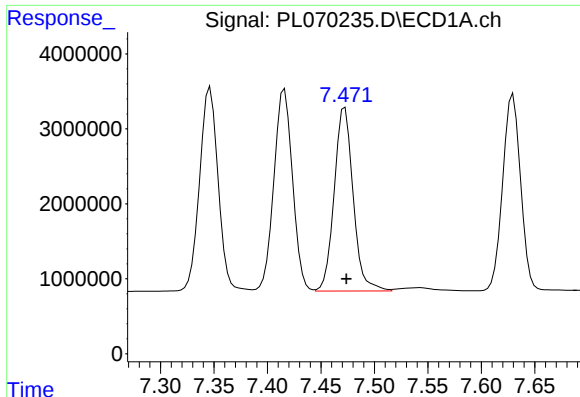
#8 Heptachlor epoxide

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 31483992
Conc: 44.90 ng/ml



#8 Heptachlor epoxide

R.T.: 8.031 min
Delta R.T.: -0.001 min
Response: 77027573
Conc: 49.70 ng/ml



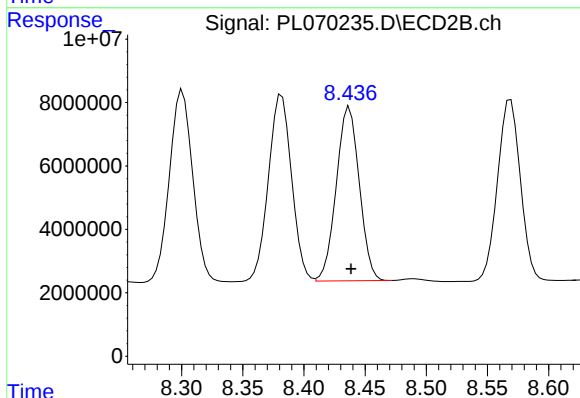
#9 Endosulfan I

R.T.: 7.472 min
Delta R.T.: -0.001 min
Response: 30276582
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

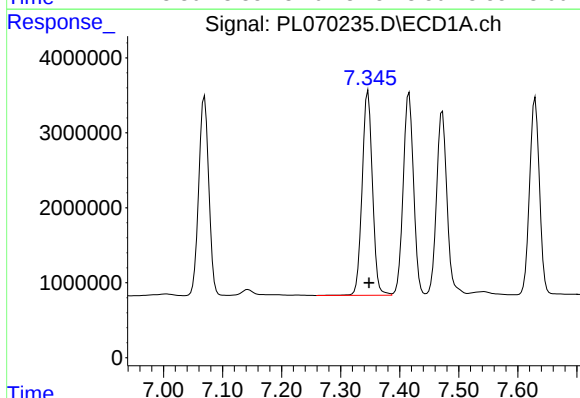
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



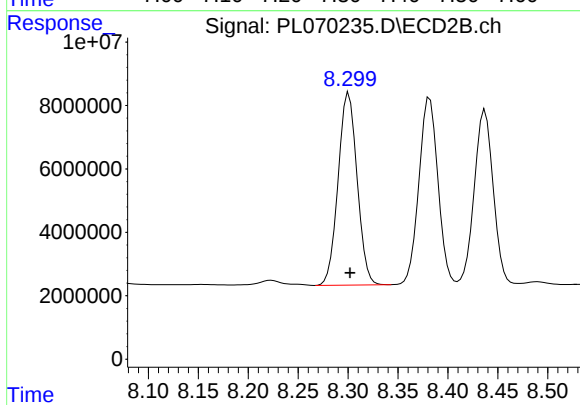
#9 Endosulfan I

R.T.: 8.437 min
Delta R.T.: -0.001 min
Response: 71892496
Conc: 48.86 ng/ml



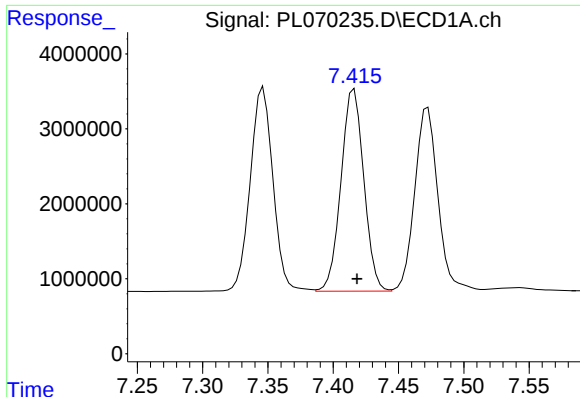
#10 gamma-Chlordane

R.T.: 7.346 min
Delta R.T.: -0.002 min
Response: 33043270
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.301 min
Delta R.T.: -0.001 min
Response: 80364506
Conc: 50.24 ng/ml



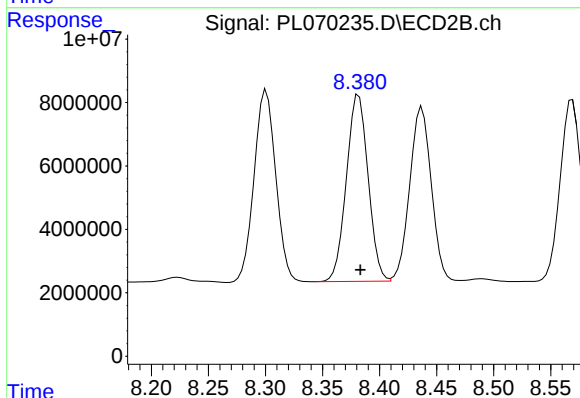
#11 alpha-Chlordane

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 32782255
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

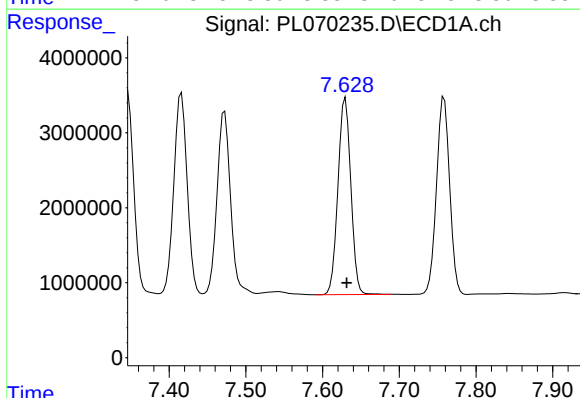
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



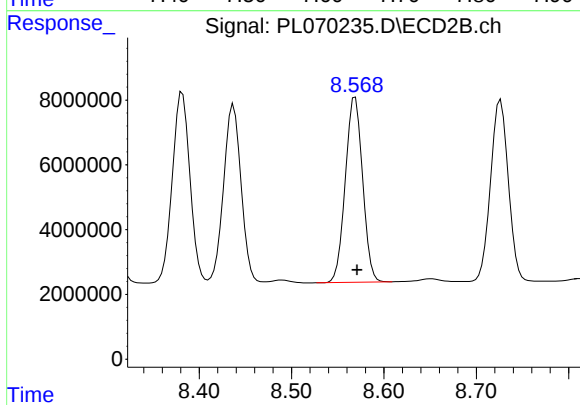
#11 alpha-Chlordane

R.T.: 8.382 min
Delta R.T.: -0.001 min
Response: 78055906
Conc: 49.49 ng/ml



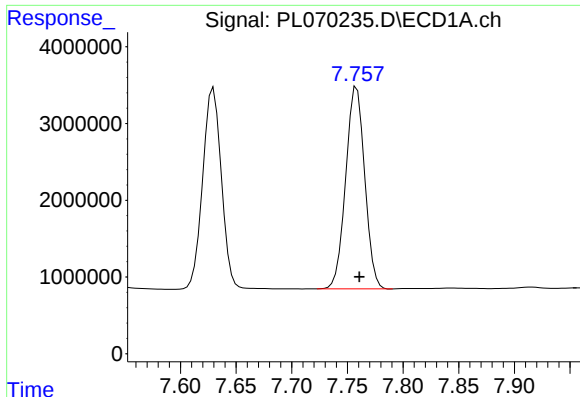
#12 4,4'-DDE

R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 30706039
Conc: 48.24 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min
Delta R.T.: -0.002 min
Response: 74382421
Conc: 48.02 ng/ml



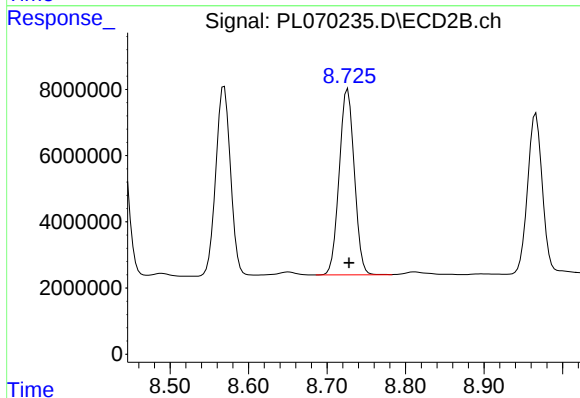
#13 Dieldrin

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 31328343
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

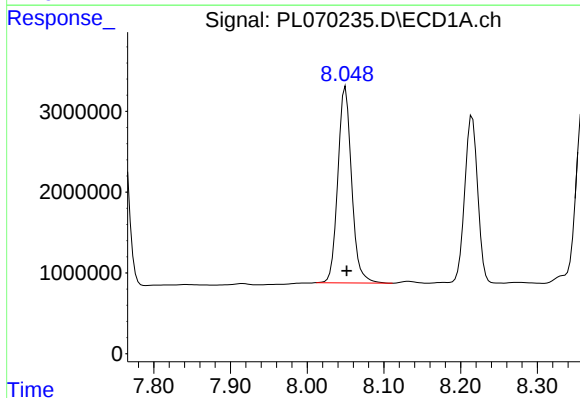
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



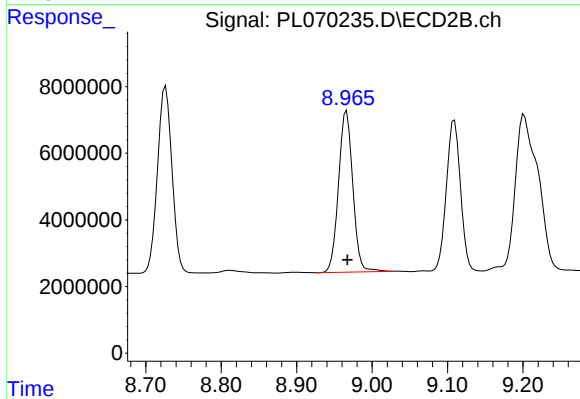
#13 Dieldrin

R.T.: 8.726 min
Delta R.T.: -0.001 min
Response: 75217151
Conc: 49.27 ng/ml



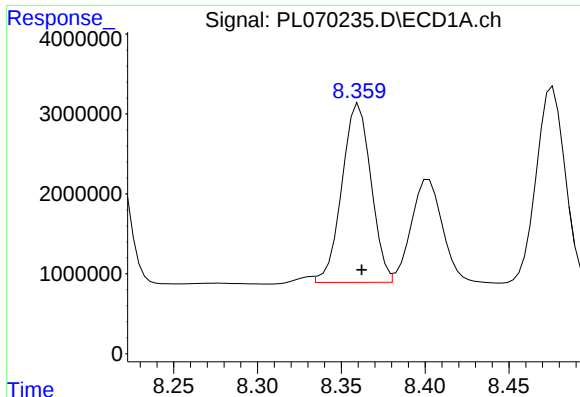
#14 Endrin

R.T.: 8.050 min
Delta R.T.: -0.002 min
Response: 30318518
Conc: 47.98 ng/ml



#14 Endrin

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 63842341
Conc: 50.82 ng/ml



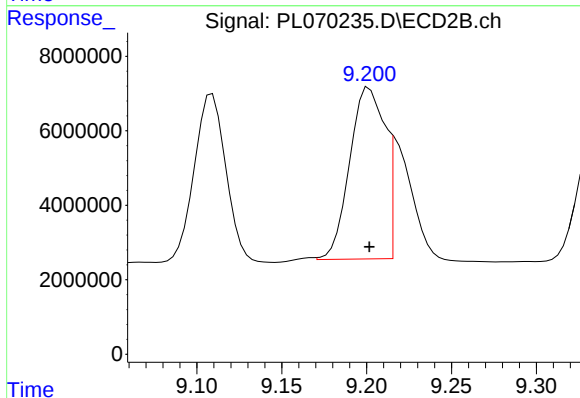
#15 Endosulfan II

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 27026326
Conc: 42.60 ng/ml m

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

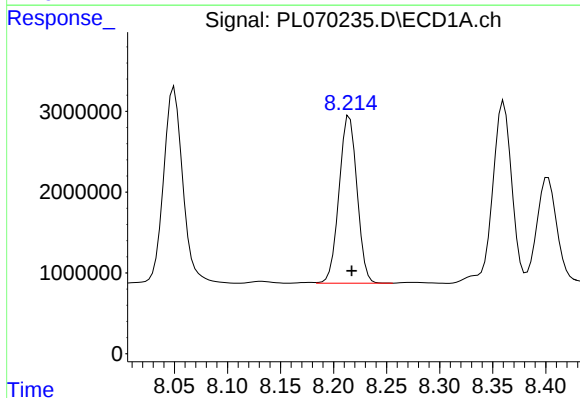
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



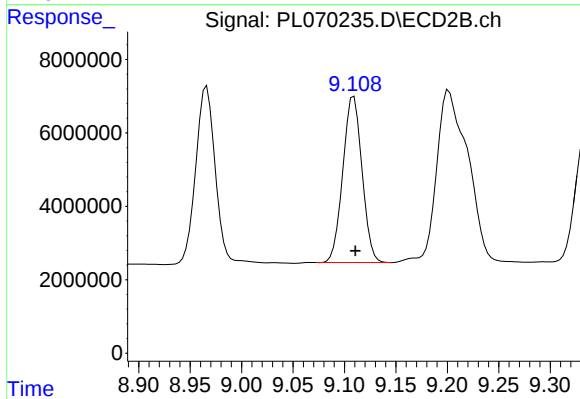
#15 Endosulfan II

R.T.: 9.200 min
Delta R.T.: -0.002 min
Response: 63679925
Conc: 53.29 ng/ml m



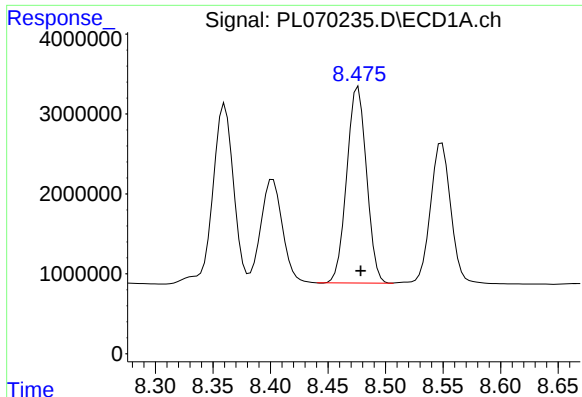
#16 4,4'-DDD

R.T.: 8.215 min
Delta R.T.: -0.002 min
Response: 24408367
Conc: 43.52 ng/ml



#16 4,4'-DDD

R.T.: 9.109 min
Delta R.T.: -0.001 min
Response: 58722098
Conc: 49.71 ng/ml



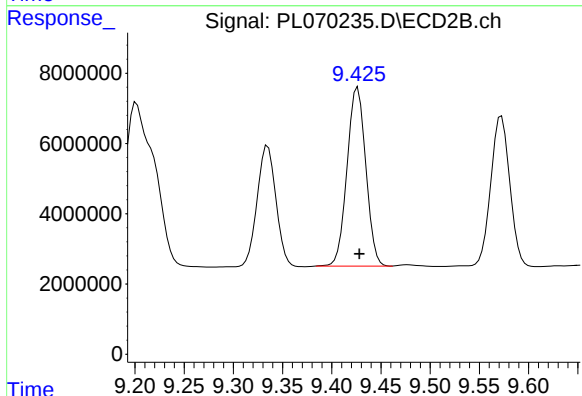
#17 4,4'-DDT

R.T.: 8.476 min
Delta R.T.: -0.002 min
Response: 29477700
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

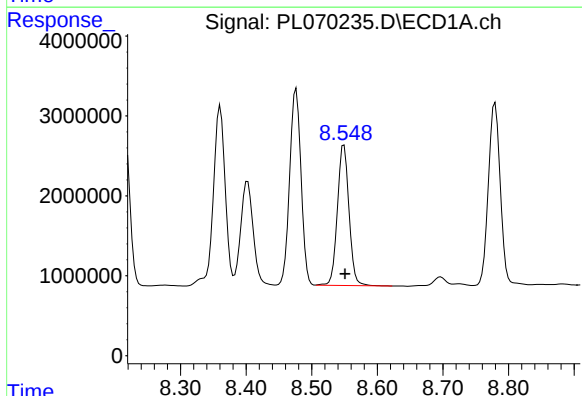
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



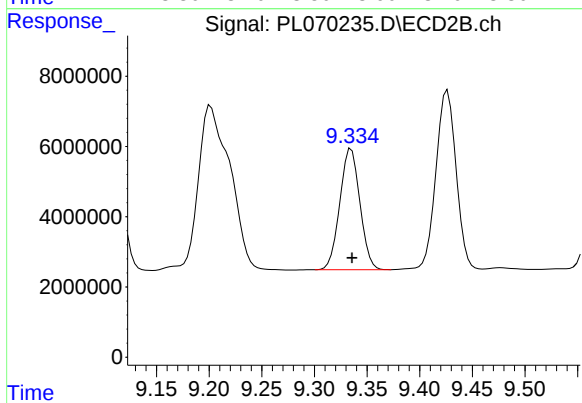
#17 4,4'-DDT

R.T.: 9.426 min
Delta R.T.: -0.002 min
Response: 67510053
Conc: 51.66 ng/ml



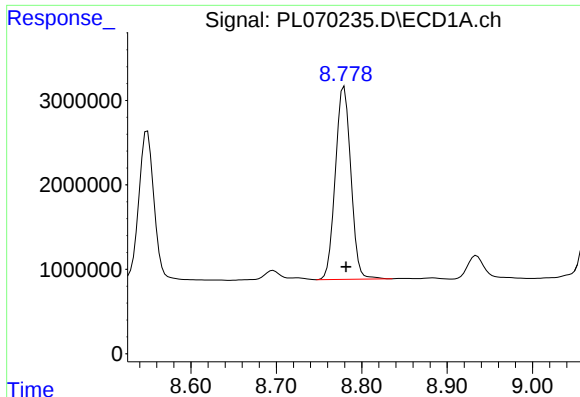
#18 Endrin aldehyde

R.T.: 8.549 min
Delta R.T.: -0.002 min
Response: 21598653
Conc: 43.59 ng/ml



#18 Endrin aldehyde

R.T.: 9.335 min
Delta R.T.: 0.000 min
Response: 45930730
Conc: 47.62 ng/ml



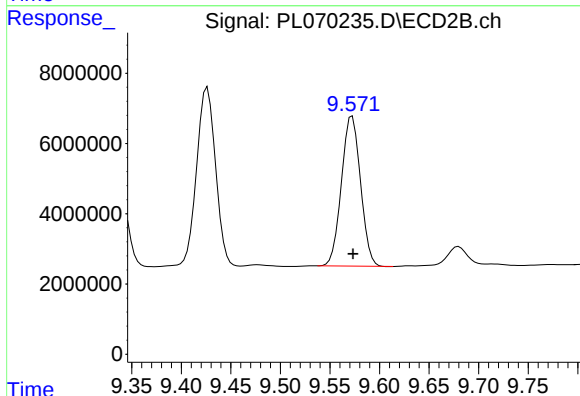
#19 Endosulfan Sulfate

R.T.: 8.779 min
Delta R.T.: -0.002 min
Response: 28825399
Conc: 43.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

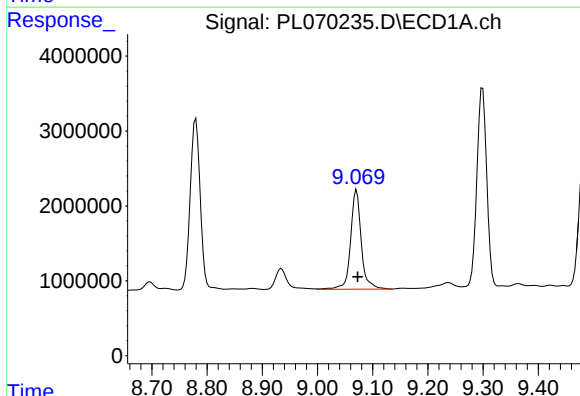
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



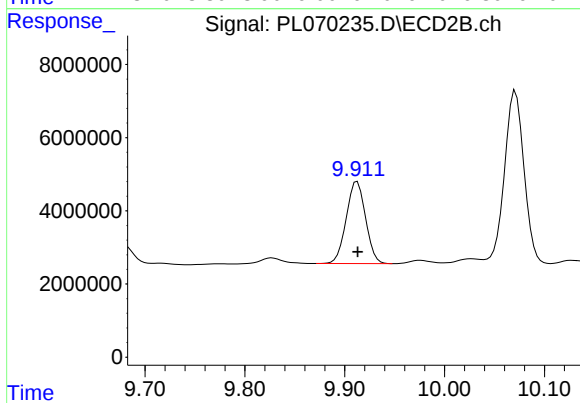
#19 Endosulfan Sulfate

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 57174482
Conc: 46.72 ng/ml



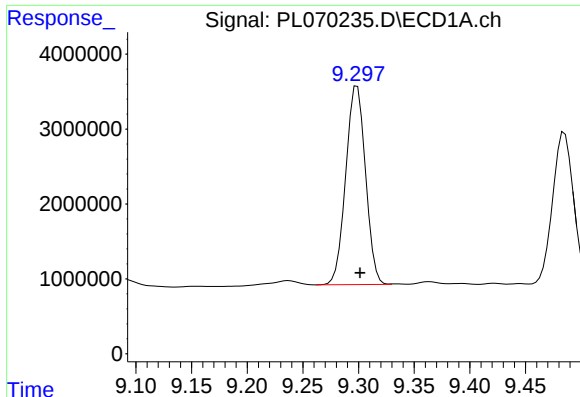
#20 Methoxychlor

R.T.: 9.071 min
Delta R.T.: -0.002 min
Response: 17830750
Conc: 47.75 ng/ml



#20 Methoxychlor

R.T.: 9.912 min
Delta R.T.: 0.000 min
Response: 30191838
Conc: 46.65 ng/ml



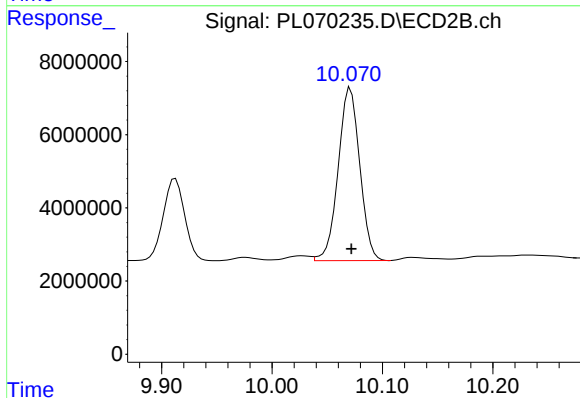
#21 Endrin ketone

R.T.: 9.299 min
Delta R.T.: -0.003 min
Response: 32780198
Conc: 42.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

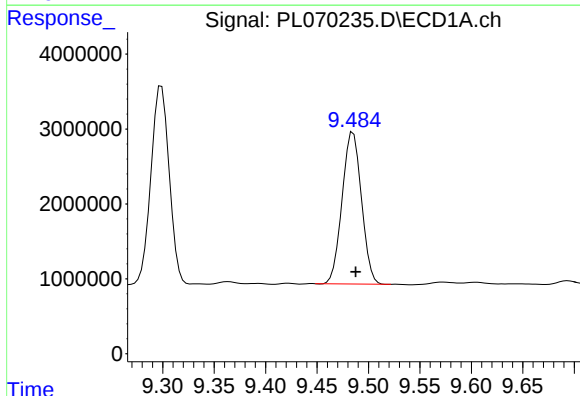
Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



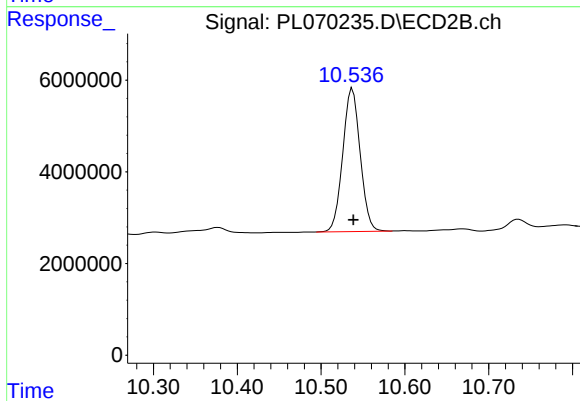
#21 Endrin ketone

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 64273076
Conc: 48.05 ng/ml



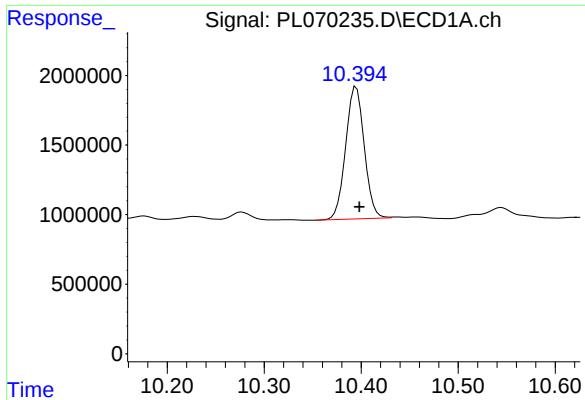
#22 Mirex

R.T.: 9.485 min
Delta R.T.: -0.003 min
Response: 26501664
Conc: 40.18 ng/ml



#22 Mirex

R.T.: 10.537 min
Delta R.T.: -0.001 min
Response: 45106319
Conc: 45.79 ng/ml



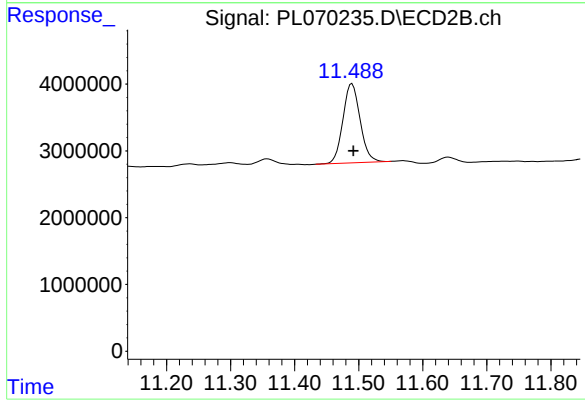
#28 Decachlorobiphenyl

R.T.: 10.395 min
Delta R.T.: -0.003 min
Response: 12649242
Conc: 18.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
T9-COMP-(1-4)MSD

Manual Integrations
APPROVED

mohammad
10/13/2021 1:19:49 PM



#28 Decachlorobiphenyl

R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 22167450
Conc: 18.32 ng/ml