

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120321\
 Data File : PL071279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Dec 2021 19:28
 Operator : AR\AJ
 Sample : M4927-13MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PH1-BOT-14MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 00:36:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 30 16:26:31 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...	4.563	5.500	11383857	32419959	24.237	25.834
28)	SA Decachlor...	10.326	11.389	16505288	30822089	22.794	22.174
Target Compounds							
2)	A alpha-BHC	5.270	6.080	33147621	92727715	50.705	50.086
3)	MA gamma-BHC...	5.693	6.475	33391425	88295974	52.288	50.162
4)	MA Heptachlor	6.100	7.122	36054496	93480741	52.006	50.967
5)	MB Aldrin	6.423	7.492	34919756	89462901	56.277	53.043
6)	B beta-BHC	6.075	6.733	14137801	40911333	46.700	46.485
7)	B delta-BHC	6.335	6.997	17966881	49429058	28.149	29.071m
8)	B Heptachlo...	7.001	7.959	33382658	81435323	53.560	51.260
9)	A Endosulfan I	7.403	8.363	31016011	74742499	52.154	49.464
10)	B gamma-Chl...	7.277	8.229	34095197	83492318	53.697	52.219
11)	B alpha-Chl...	7.347	8.309	34286523	81642714	53.572	51.373
12)	B 4,4'-DDE	7.562	8.499	31094603	80539994	54.952	52.314
13)	MA Dieldrin	7.688	8.652	33778122	81558258	55.857	52.498
14)	MA Endrin	7.980	8.891	31461715	70127375	55.630	52.262
15)	B Endosulfa...	8.291	9.127	31275104	73015288	53.564	54.192
16)	A 4,4'-DDD	8.148	9.038	26071265	62428131	52.030	53.811
17)	MA 4,4'-DDT	8.408	9.354	28483076	66925132	52.070	48.115
18)	B Endrin al...	8.480	9.261	25628746	57529424	55.954	55.684
19)	B Endosulfa...	8.711	9.498	28733975	59432207	47.272	45.475
20)	A Methoxychlor	9.004	9.842	18517948	34855912	51.254	48.073
21)	B Endrin ke...	9.228	9.995	36790544	72369098	51.624	49.420
22)	Mirex	9.412	10.459	33655556	56274431	54.499	51.594

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120321\
Data File : PL071279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Dec 2021 19:28
Operator : AR\AJ
Sample : M4927-13MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

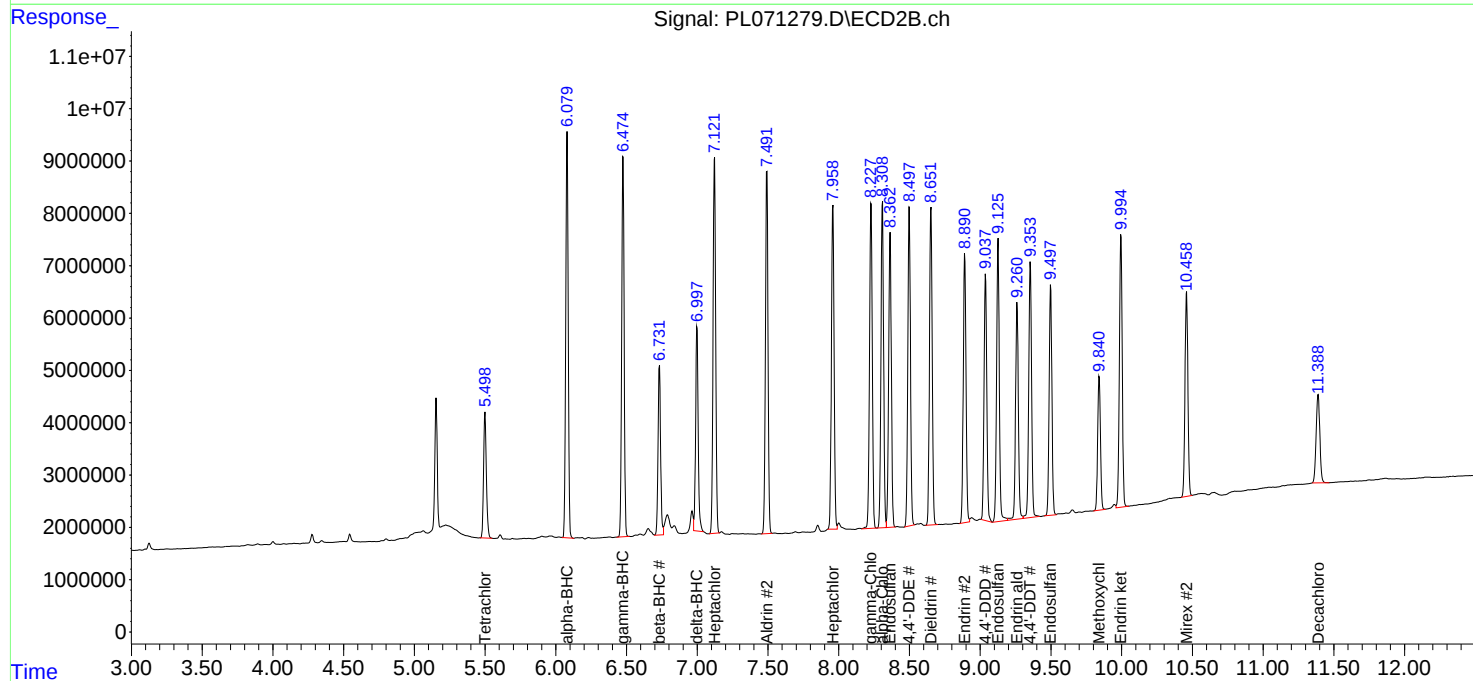
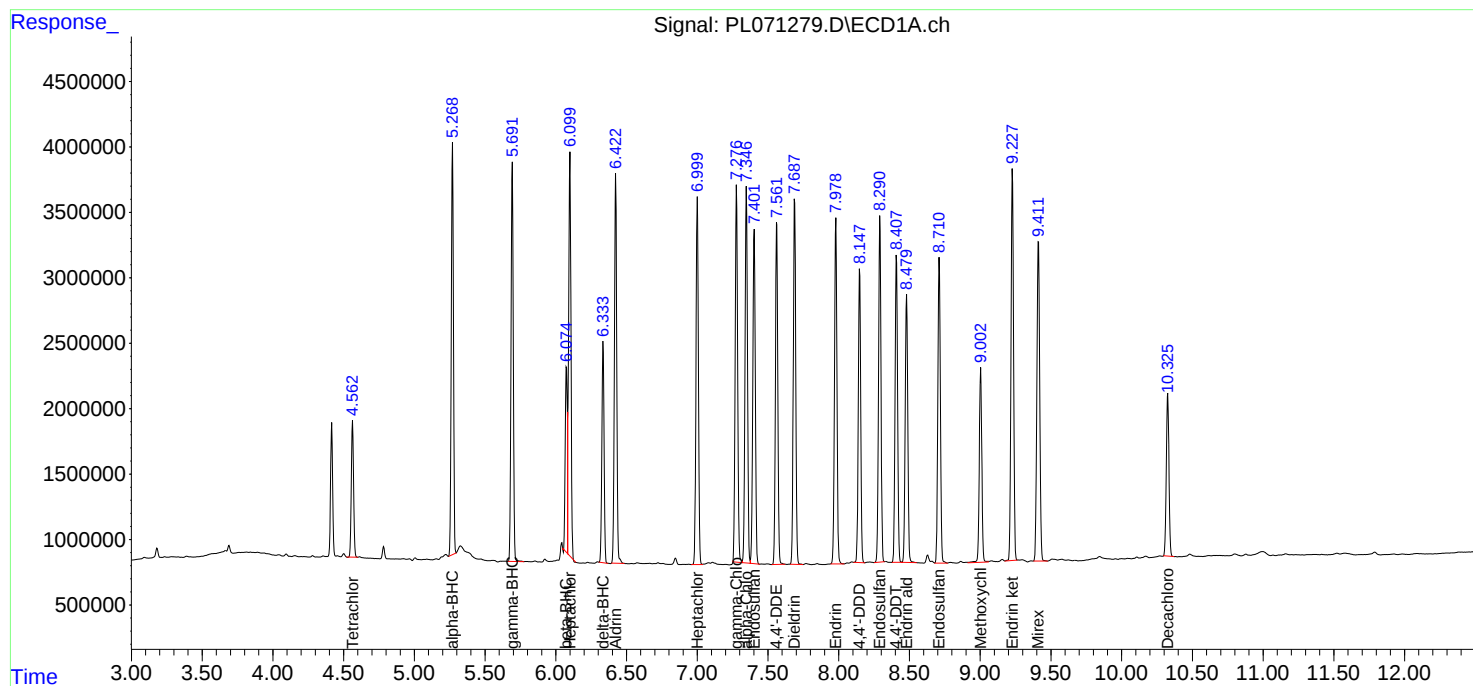
Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

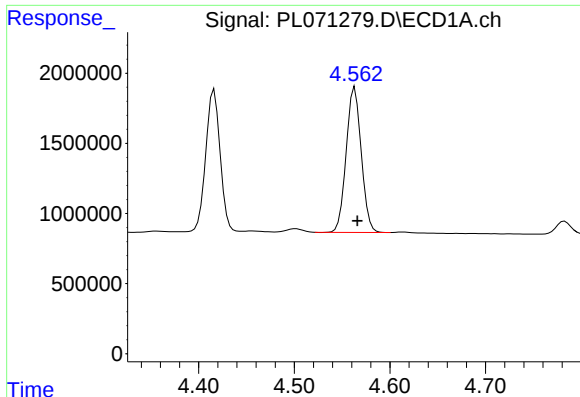
Manual Integrations
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Supervised By :mohammad ahmed 12/06/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 00:36:05 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL113021.M
Quant Title : GC Extractables
QLast Update : Tue Nov 30 16:26:31 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





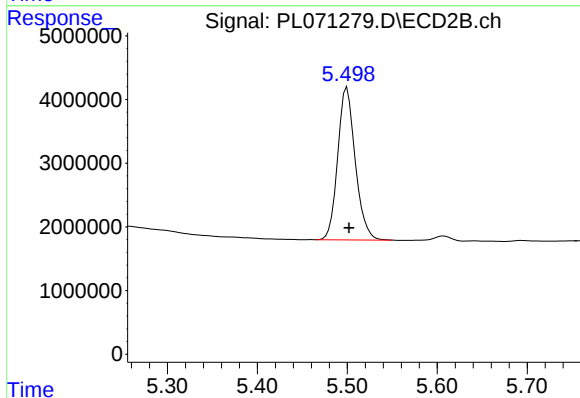
#1 Tetrachloro-m-xylene

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 11383857
Conc: 24.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

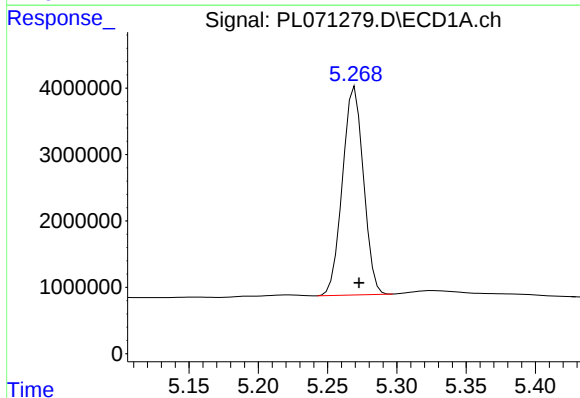
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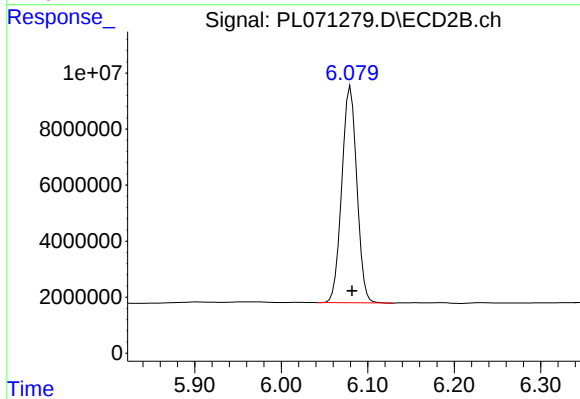
#1 Tetrachloro-m-xylene

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 32419959
Conc: 25.83 ng/ml



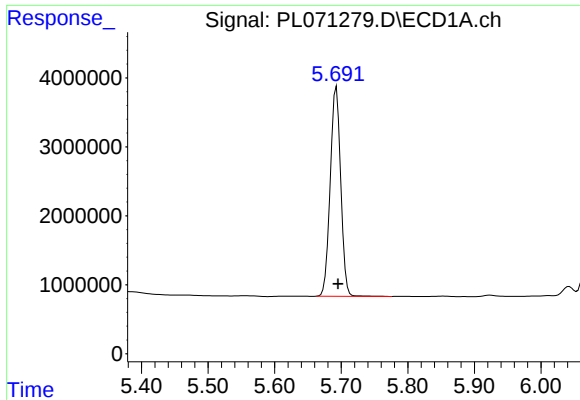
#2 alpha-BHC

R.T.: 5.270 min
Delta R.T.: -0.003 min
Response: 33147621
Conc: 50.71 ng/ml



#2 alpha-BHC

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 92727715
Conc: 50.09 ng/ml



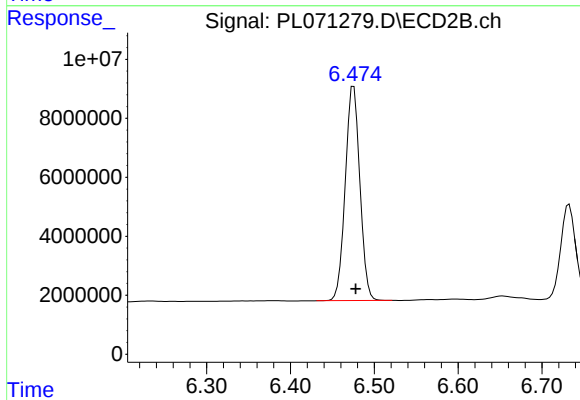
#3 gamma-BHC (Lindane)

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 33391425
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

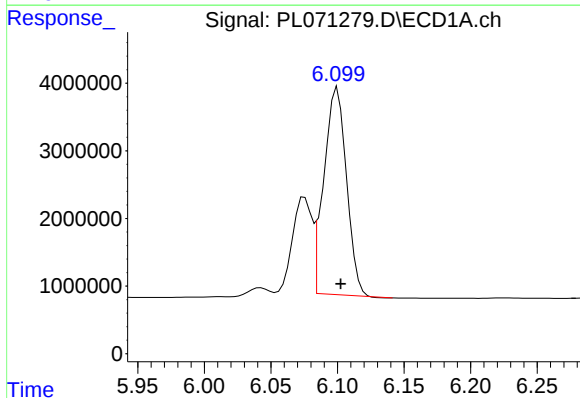
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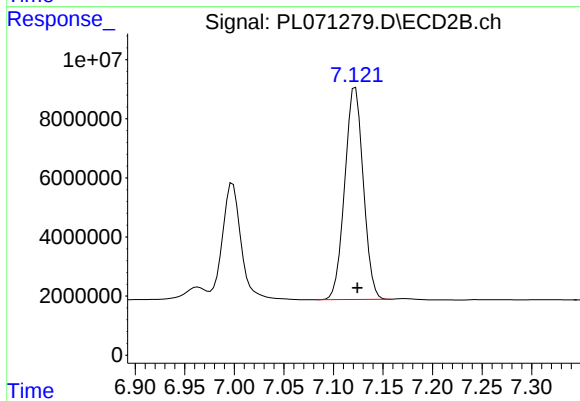
#3 gamma-BHC (Lindane)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 88295974
Conc: 50.16 ng/ml



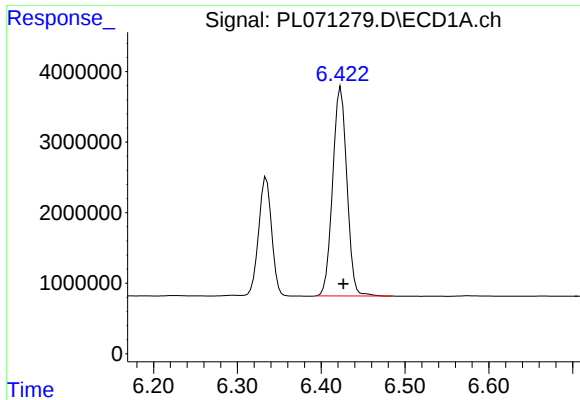
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: -0.003 min
Response: 36054496
Conc: 52.01 ng/ml



#4 Heptachlor

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 93480741
Conc: 50.97 ng/ml



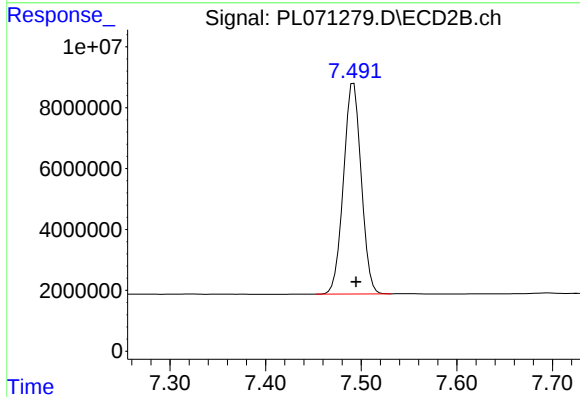
#5 Aldrin

R.T.: 6.423 min
Delta R.T.: -0.003 min
Response: 34919756
Conc: 56.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

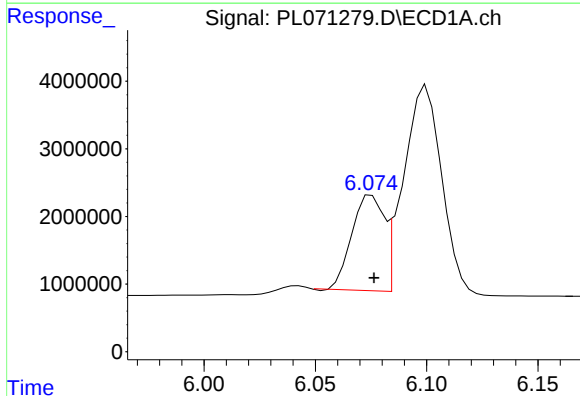
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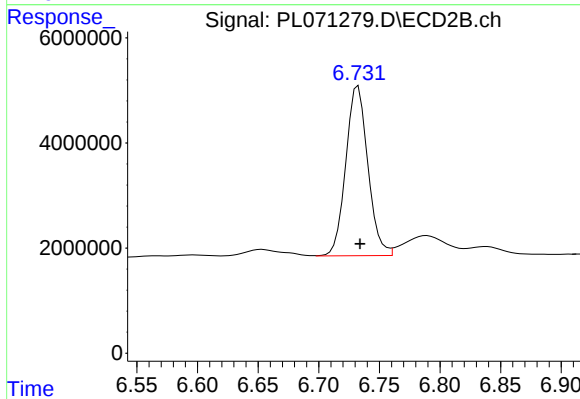
#5 Aldrin

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 89462901
Conc: 53.04 ng/ml



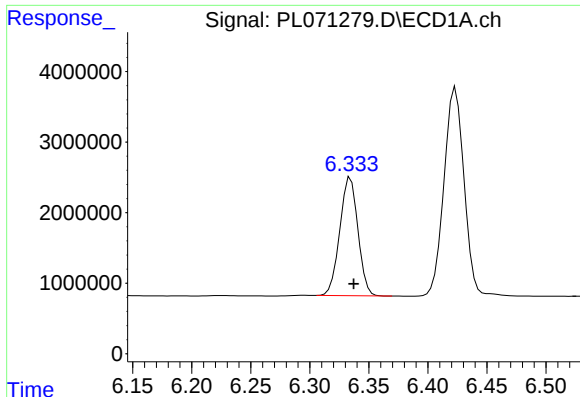
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 14137801
Conc: 46.70 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: -0.002 min
Response: 40911333
Conc: 46.48 ng/ml



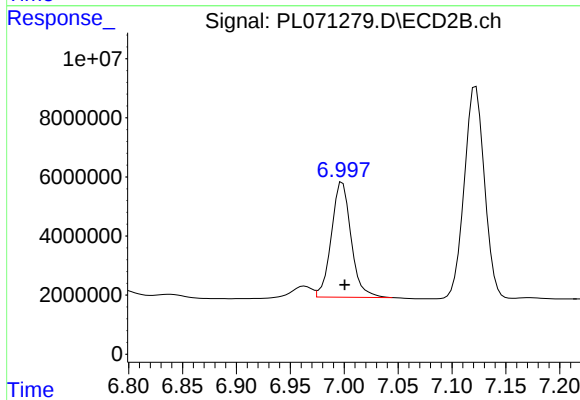
#7 delta-BHC

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 17966881
Conc: 28.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

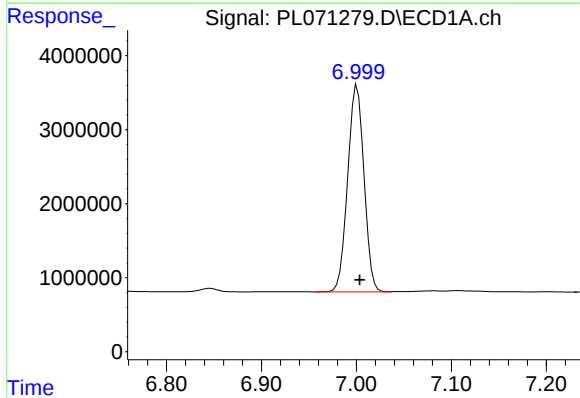
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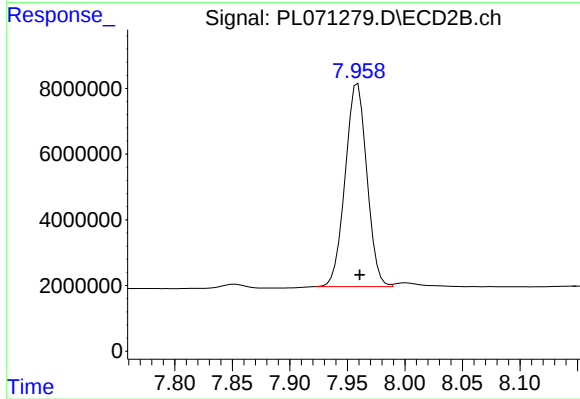
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: -0.003 min
Response: 49429058
Conc: 29.07 ng/ml m



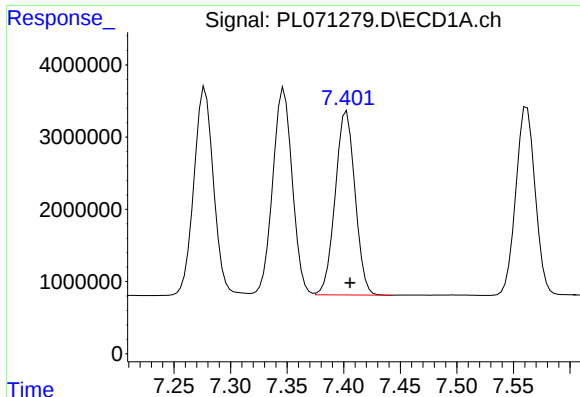
#8 Heptachlor epoxide

R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 33382658
Conc: 53.56 ng/ml



#8 Heptachlor epoxide

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 81435323
Conc: 51.26 ng/ml



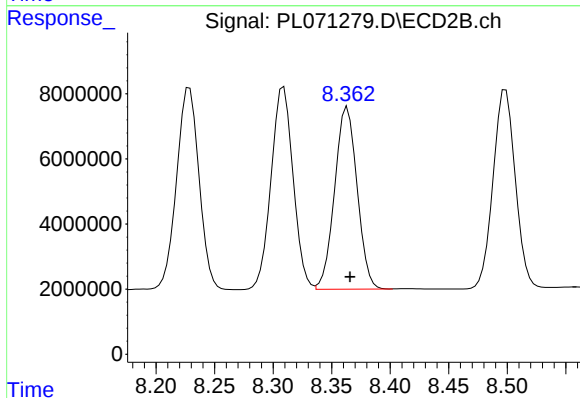
#9 Endosulfan I

R.T.: 7.403 min
Delta R.T.: -0.003 min
Response: 31016011
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

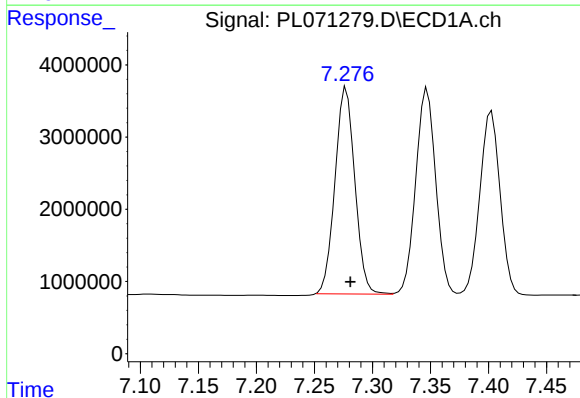
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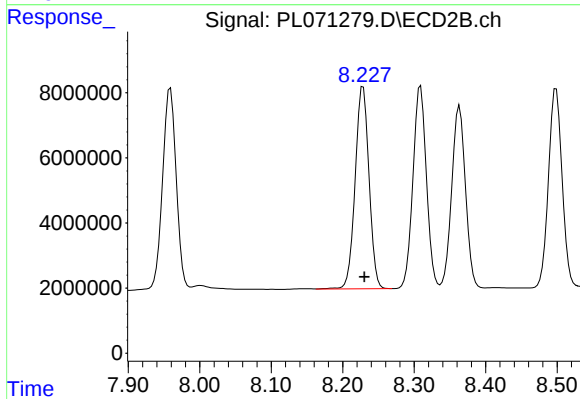
#9 Endosulfan I

R.T.: 8.363 min
Delta R.T.: -0.002 min
Response: 74742499
Conc: 49.46 ng/ml



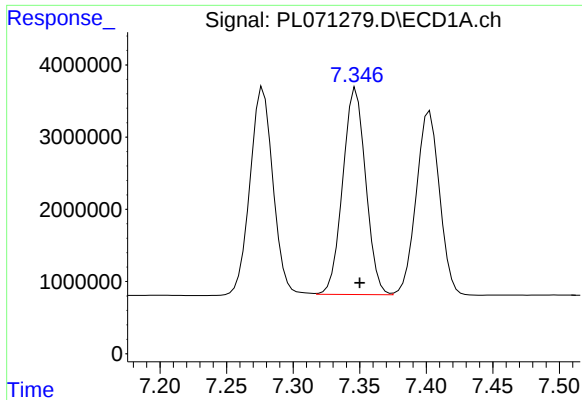
#10 gamma-Chlordane

R.T.: 7.277 min
Delta R.T.: -0.003 min
Response: 34095197
Conc: 53.70 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 83492318
Conc: 52.22 ng/ml



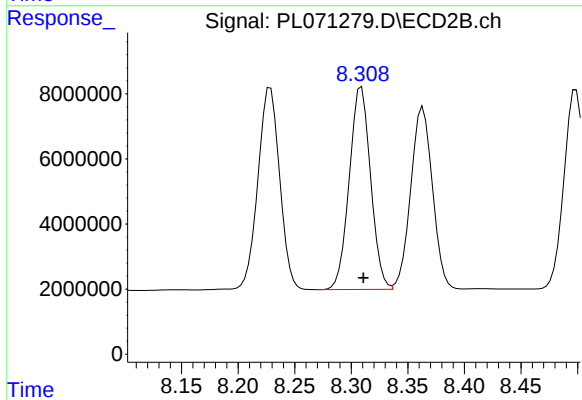
#11 alpha-Chlordane

R.T.: 7.347 min
Delta R.T.: -0.003 min
Response: 34286523
Conc: 53.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

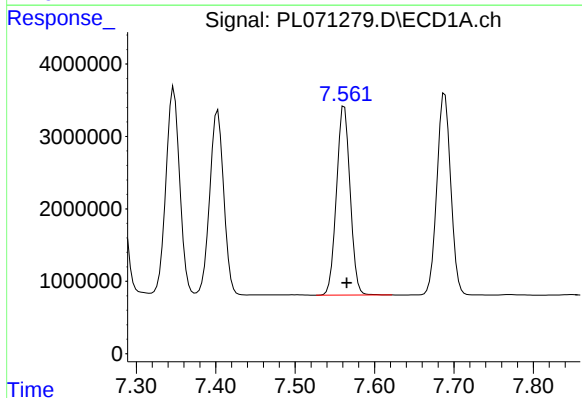
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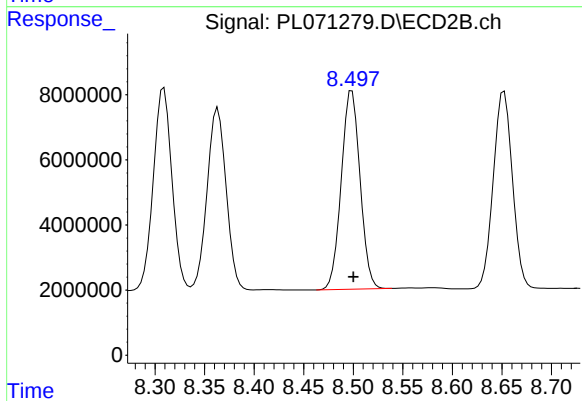
#11 alpha-Chlordane

R.T.: 8.309 min
Delta R.T.: -0.002 min
Response: 81642714
Conc: 51.37 ng/ml



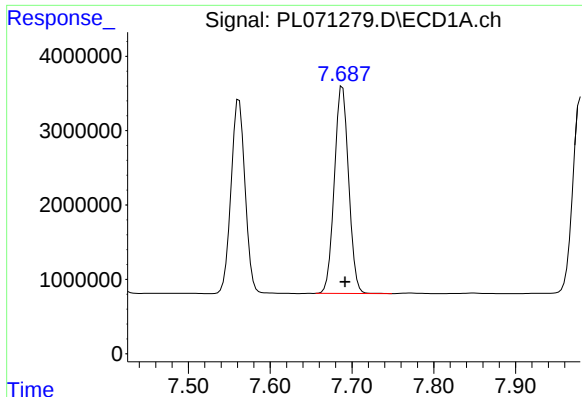
#12 4,4'-DDE

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 31094603
Conc: 54.95 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.002 min
Response: 80539994
Conc: 52.31 ng/ml



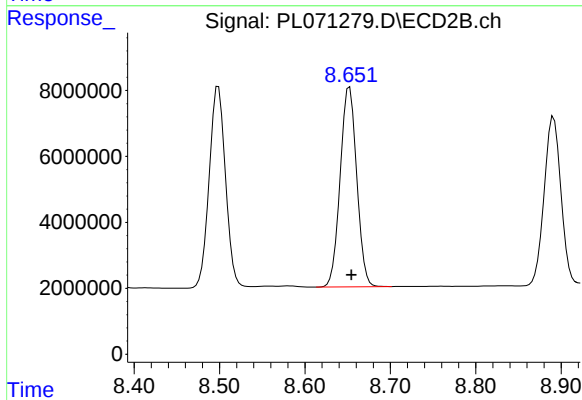
#13 Dieldrin

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 33778122
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

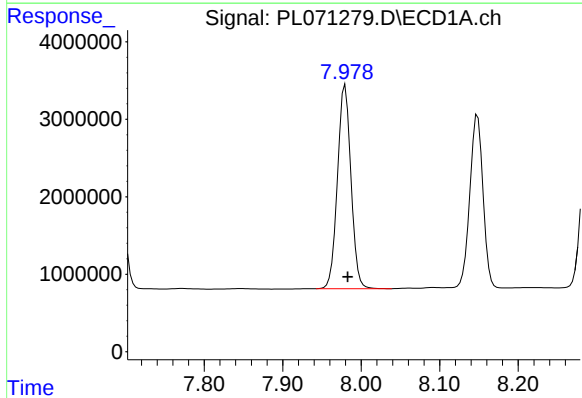
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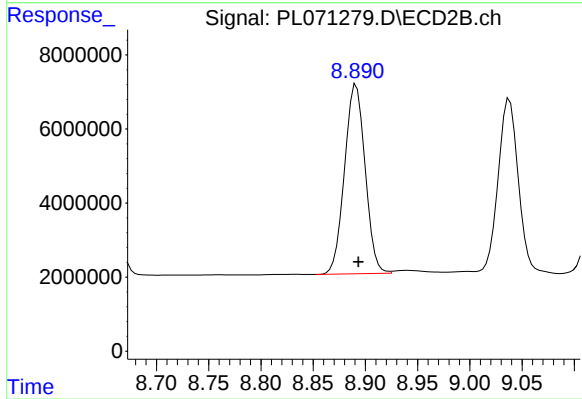
#13 Dieldrin

R.T.: 8.652 min
Delta R.T.: -0.002 min
Response: 81558258
Conc: 52.50 ng/ml



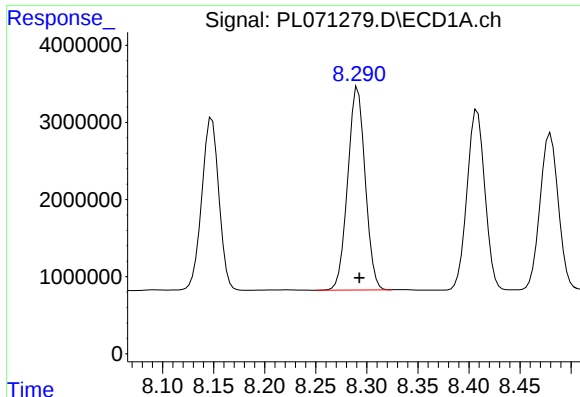
#14 Endrin

R.T.: 7.980 min
Delta R.T.: -0.003 min
Response: 31461715
Conc: 55.63 ng/ml



#14 Endrin

R.T.: 8.891 min
Delta R.T.: -0.002 min
Response: 70127375
Conc: 52.26 ng/ml



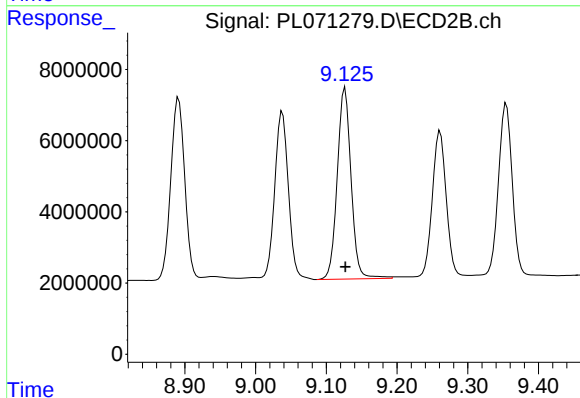
#15 Endosulfan II

R.T.: 8.291 min
Delta R.T.: -0.002 min
Response: 31275104
Conc: 53.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

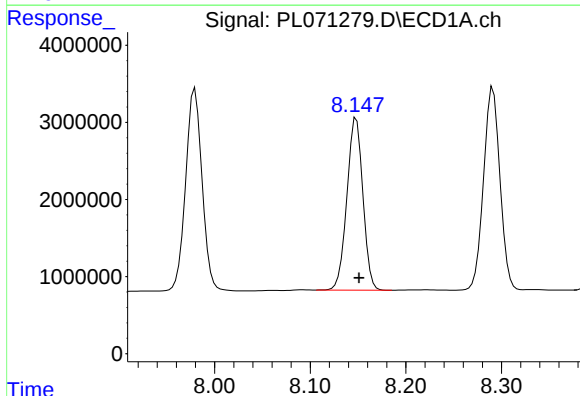
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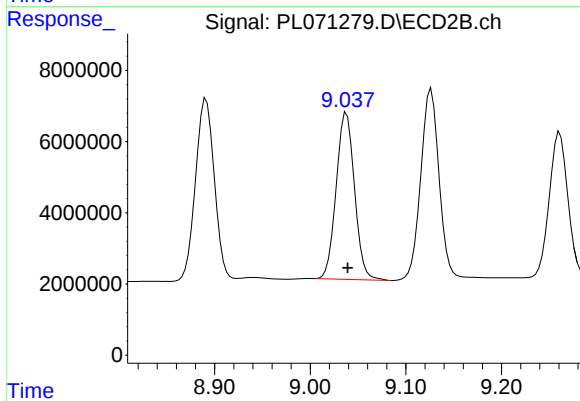
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 73015288
Conc: 54.19 ng/ml



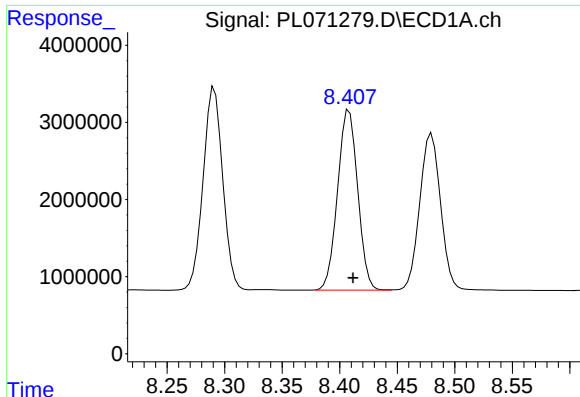
#16 4,4'-DDD

R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 26071265
Conc: 52.03 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: -0.001 min
Response: 62428131
Conc: 53.81 ng/ml



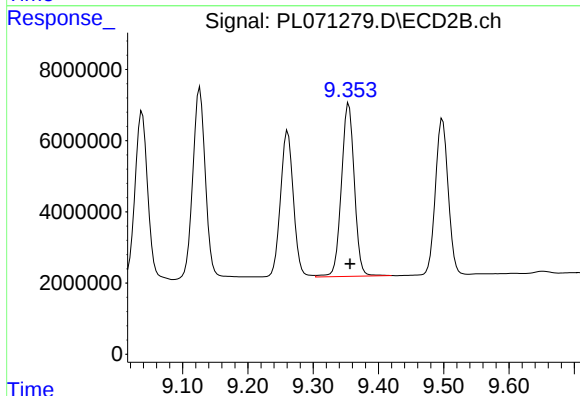
#17 4,4'-DDT

R.T.: 8.408 min
Delta R.T.: -0.003 min
Response: 28483076
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

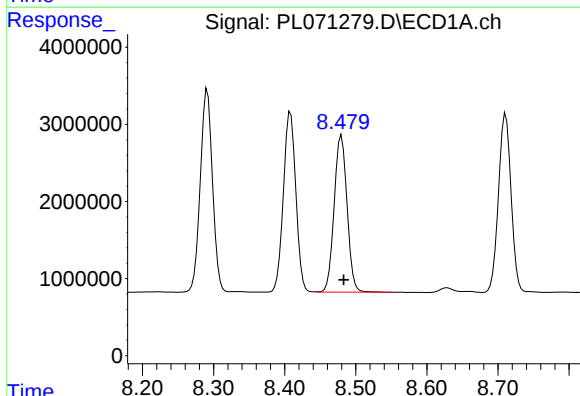
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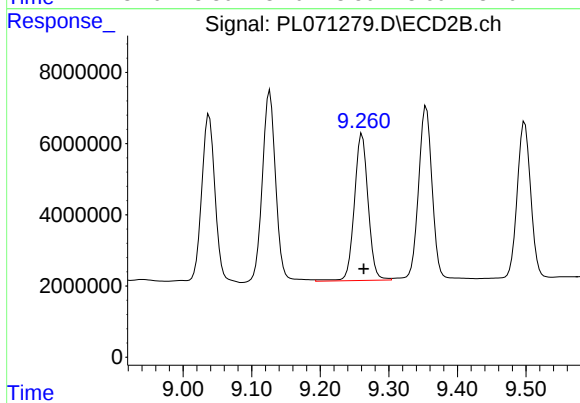
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.002 min
Response: 66925132
Conc: 48.12 ng/ml



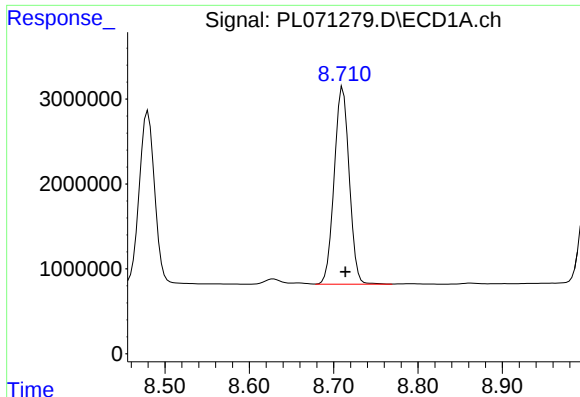
#18 Endrin aldehyde

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 25628746
Conc: 55.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.002 min
Response: 57529424
Conc: 55.68 ng/ml



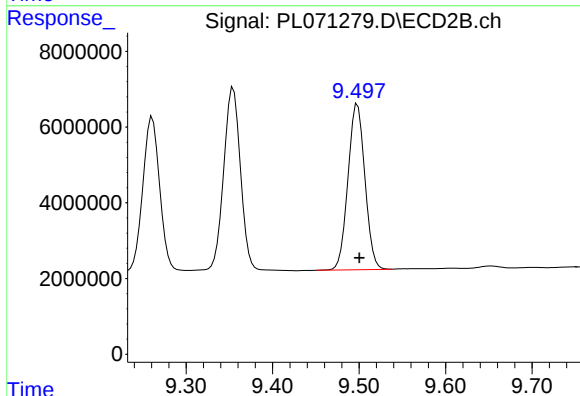
#19 Endosulfan Sulfate

R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 28733975
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

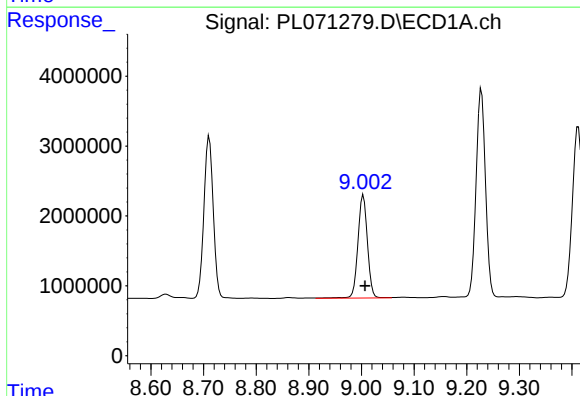
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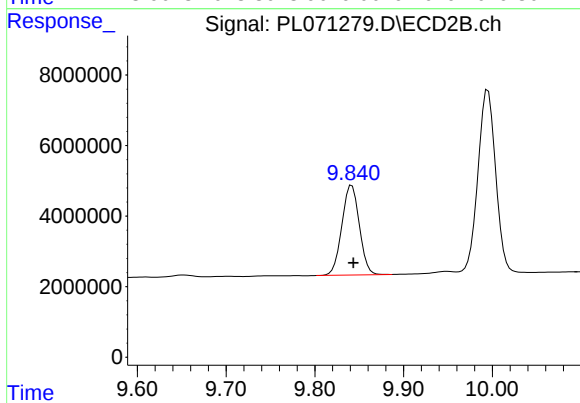
#19 Endosulfan Sulfate

R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 59432207
Conc: 45.47 ng/ml



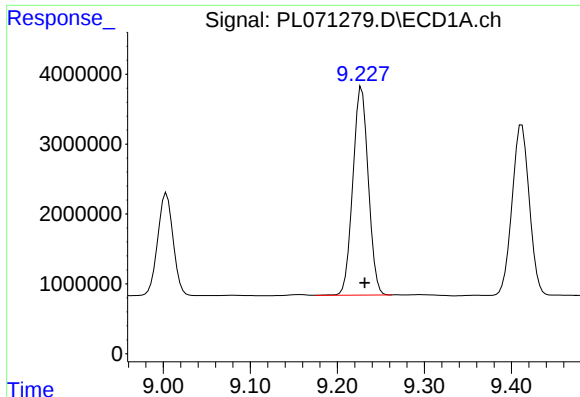
#20 Methoxychlor

R.T.: 9.004 min
Delta R.T.: -0.003 min
Response: 18517948
Conc: 51.25 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: -0.002 min
Response: 34855912
Conc: 48.07 ng/ml



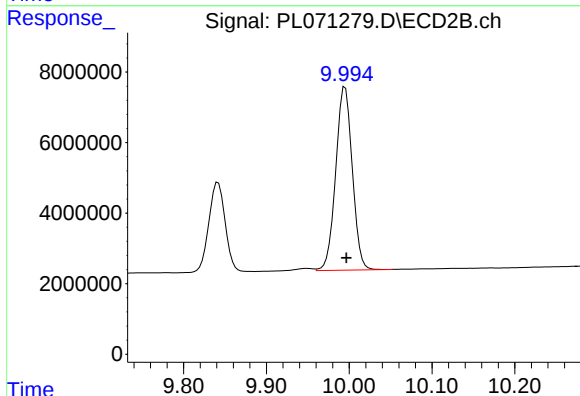
#21 Endrin ketone

R.T.: 9.228 min
Delta R.T.: -0.003 min
Response: 36790544
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

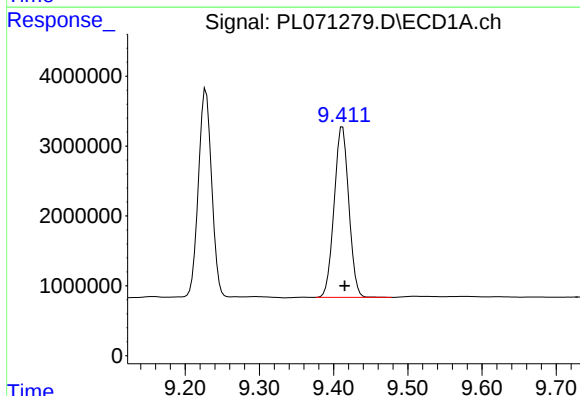
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/06/2021



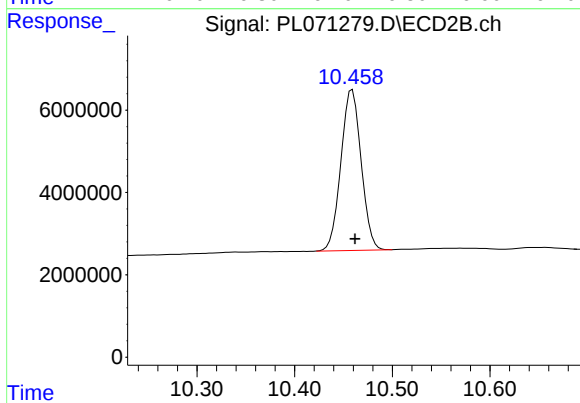
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 72369098
Conc: 49.42 ng/ml



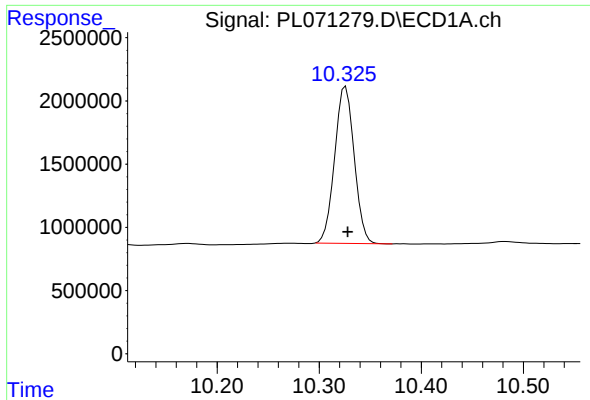
#22 Mirex

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 33655556
Conc: 54.50 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.003 min
Response: 56274431
Conc: 51.59 ng/ml



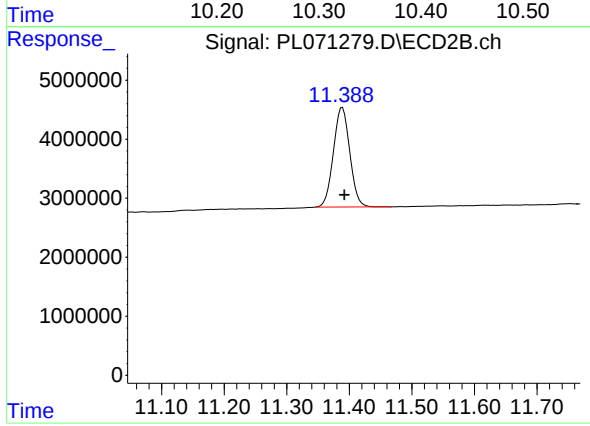
#28 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 16505288
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PH1-BOT-14MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/06/2021
Supervised By :mohammad ahmed 12/06/2021



#28 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.003 min
Response: 30822089
Conc: 22.17 ng/ml