

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090121\
 Data File : PL069672.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2021 16:24
 Operator : AR\AJ
 Sample : M3616-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-01-083121MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 04:11:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:49:30 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...	4.634	5.570	6333809	24840426	20.345	19.745
28)	SA Decachlor...	10.404	11.495	10309636	21807631	17.482	19.326
Target Compounds							
2)	A alpha-BHC	5.341	6.150	22091513	83297751	53.098	47.805
3)	MA gamma-BHC...	5.764	6.547	22963729	73493851	52.519	45.239
4)	MA Heptachlor	6.175	7.195	22411078	73369589	45.849	46.069m
5)	MB Aldrin	6.499	7.568	22055343	62849805	48.573	42.824
6)	B beta-BHC	6.144	6.800	12415867	34262806	51.736	39.432
7)	B delta-BHC	6.406	7.069	20330335	65066063	44.302	40.665
8)	B Heptachlo...	7.076	8.034	22139069	56586879	45.802	41.884
9)	A Endosulfan I	7.478	8.441	21685705	48981335	45.866m	38.101
10)	B gamma-Chl...	7.352	8.304	26913211	65179558	52.463m	46.928
11)	B alpha-Chl...	7.423	8.386	27269250	66005934	52.476	48.234
12)	B 4,4'-DDE	7.637	8.572	20500441	50979520	45.483	38.485
13)	MA Dieldrin	7.766	8.730	23641961	51180781	47.805	38.751
14)	MA Endrin	8.057	8.968	21493105	43660337	45.040	39.173m
15)	B Endosulfa...	8.368	9.203	20749989	42910424	42.197	37.703
16)	A 4,4'-DDD	8.221	9.112	17669225	43731252	43.770m	40.205
17)	MA 4,4'-DDT	8.484	9.430	16947814	37150071	36.465	34.087
18)	B Endrin al...	8.556	9.337	16524176	35436181	38.619	36.482m
19)	B Endosulfa...	8.787	9.575	20347401	41195543	38.458	37.320
20)	A Methoxychlor	9.078	9.915	11513696	17833230	37.360	30.828
21)	B Endrin ke...	9.304	10.074	36040777	78941867	60.031m	66.465m
22)	Mirex	9.492	10.542	18595172	38970053	34.209m	43.427 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090121\
Data File : PL069672.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Sep 2021 16:24
Operator : AR\AJ
Sample : M3616-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

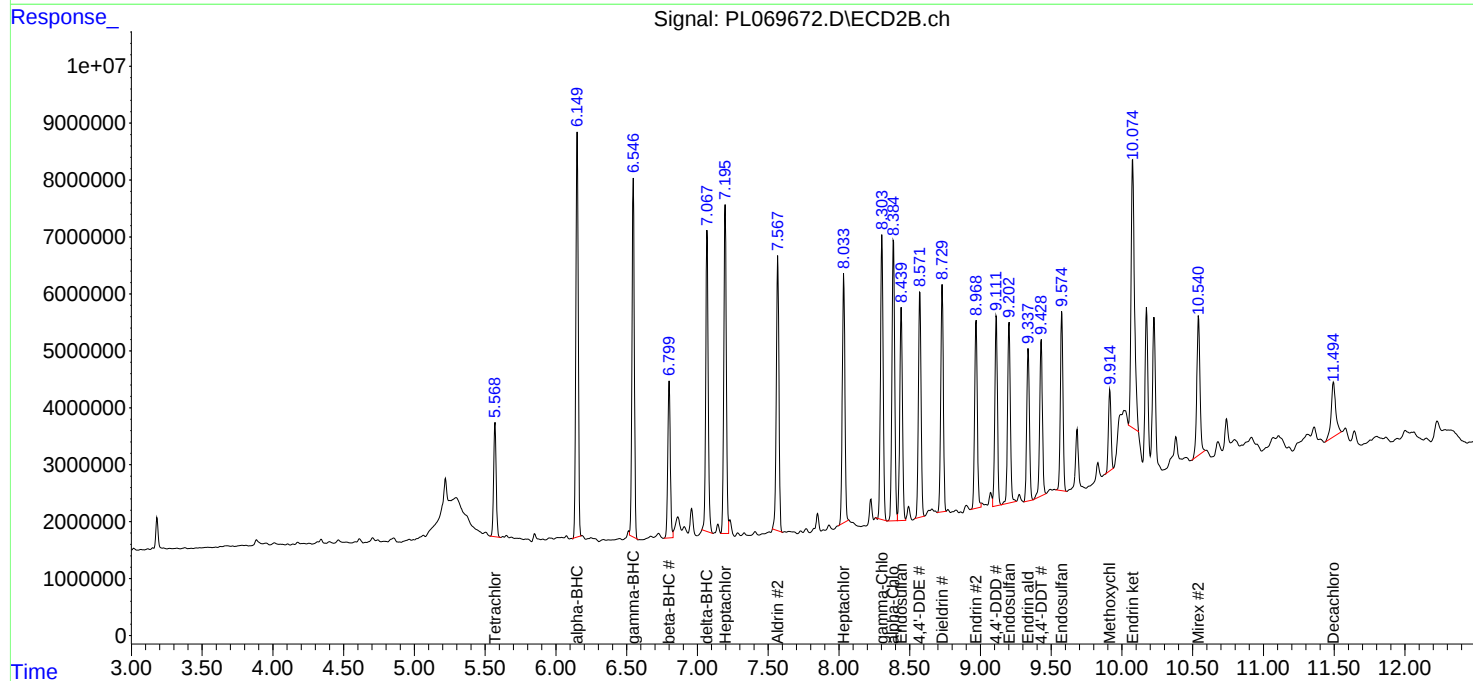
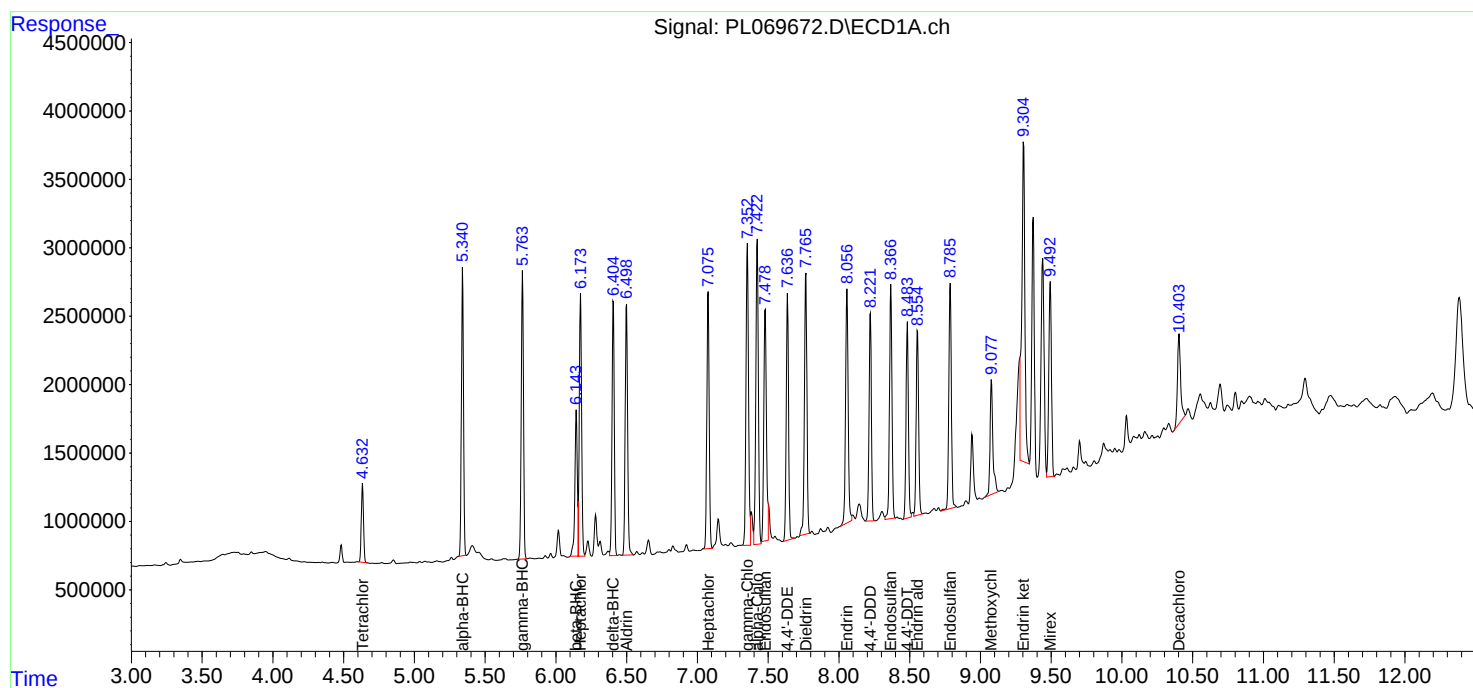
Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

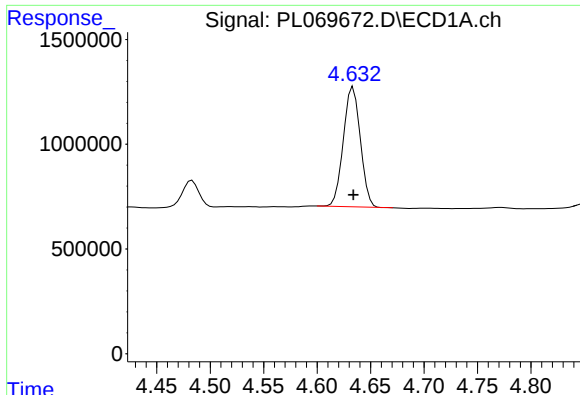
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 02 04:11:31 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:49:30 2021
Response 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





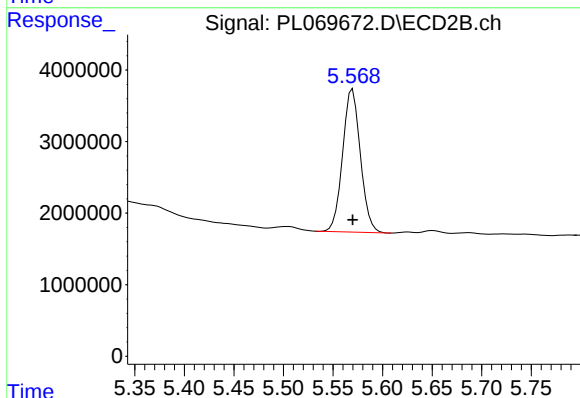
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 6333809
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

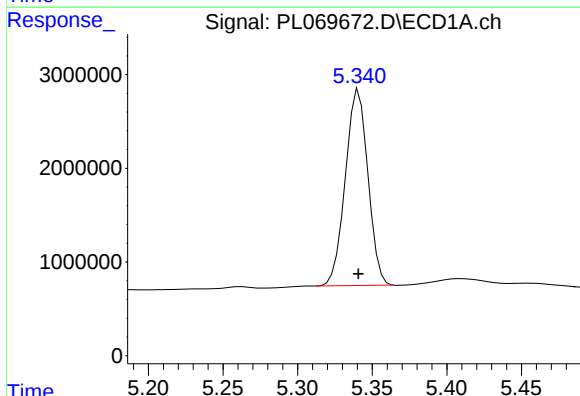
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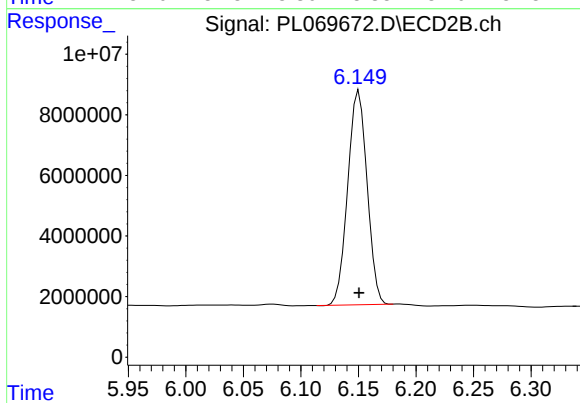
#1 Tetrachloro-m-xylene

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 24840426
Conc: 19.74 ng/ml



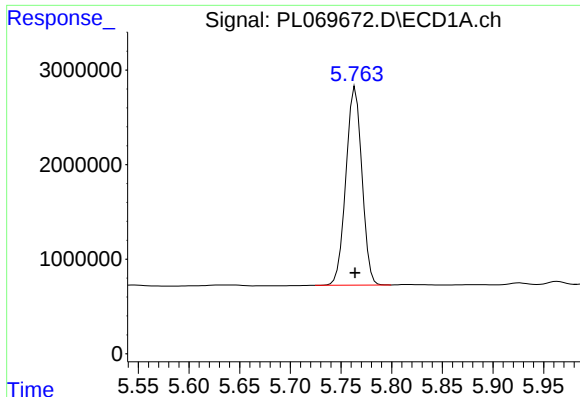
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 22091513
Conc: 53.10 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 83297751
Conc: 47.80 ng/ml



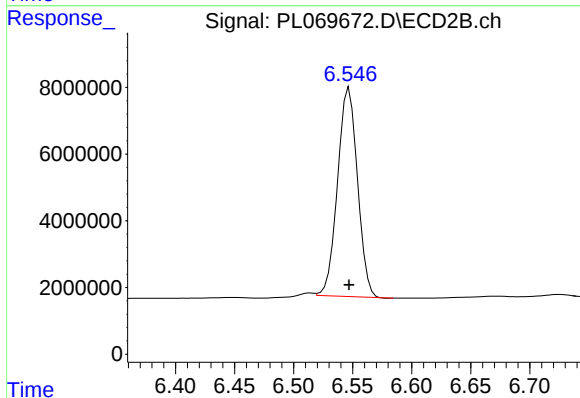
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 22963729
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

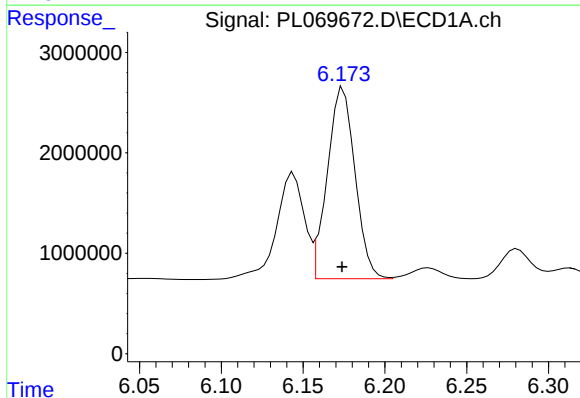
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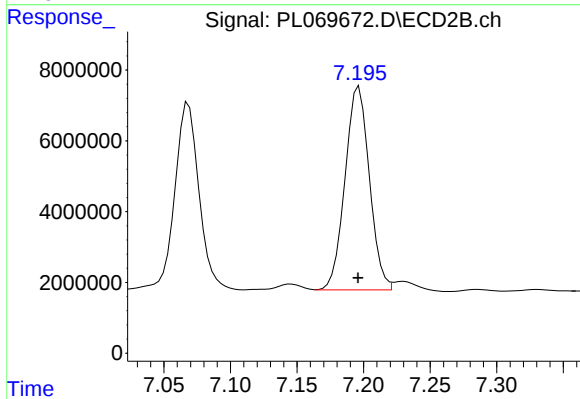
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 73493851
Conc: 45.24 ng/ml



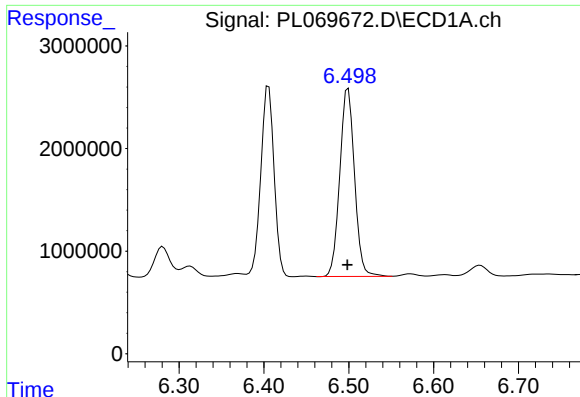
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 22411078
Conc: 45.85 ng/ml



#4 Heptachlor

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 73369589
Conc: 46.07 ng/ml m



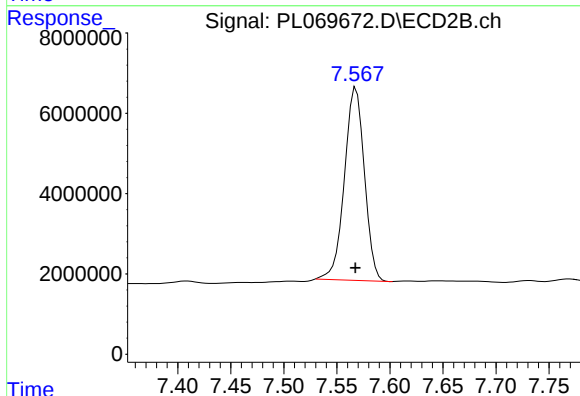
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 22055343
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

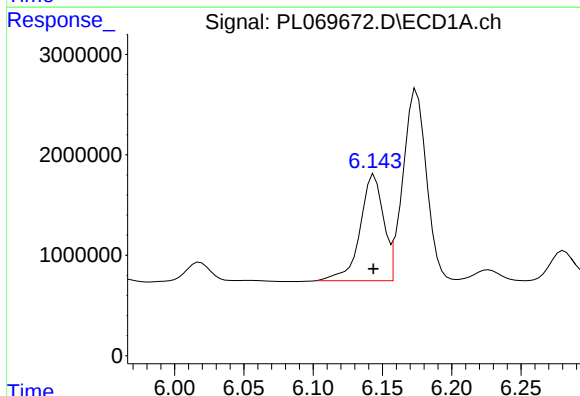
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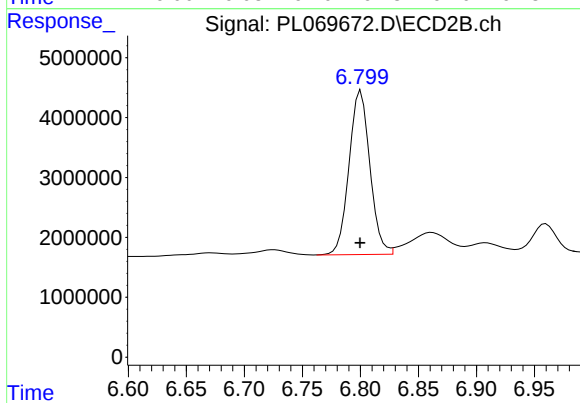
#5 Aldrin

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 62849805
Conc: 42.82 ng/ml



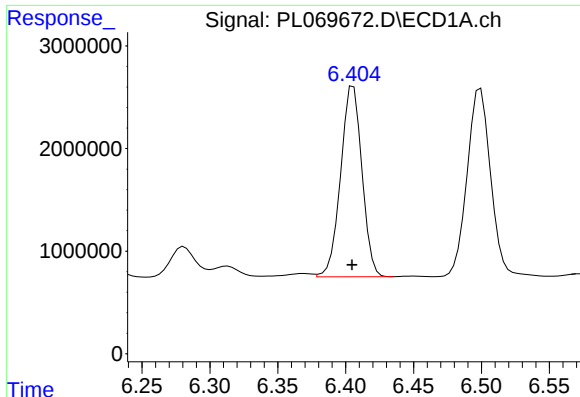
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 12415867
Conc: 51.74 ng/ml



#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 34262806
Conc: 39.43 ng/ml



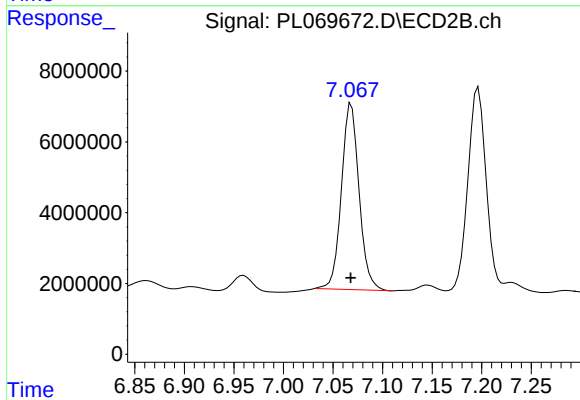
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: 0.000 min
Response: 20330335
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

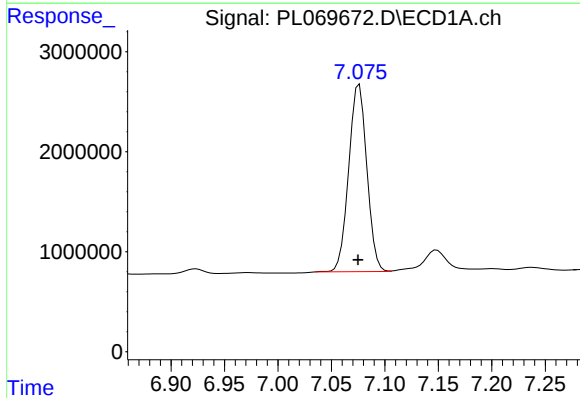
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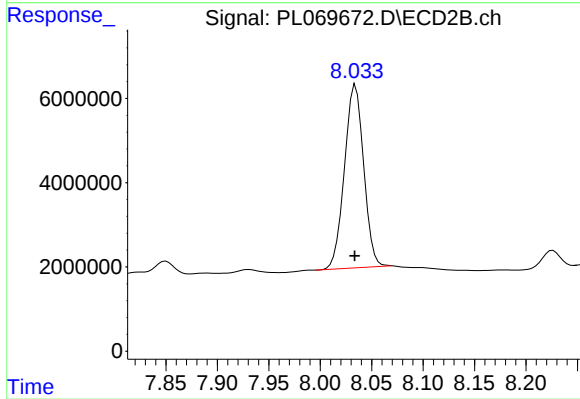
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 65066063
Conc: 40.67 ng/ml



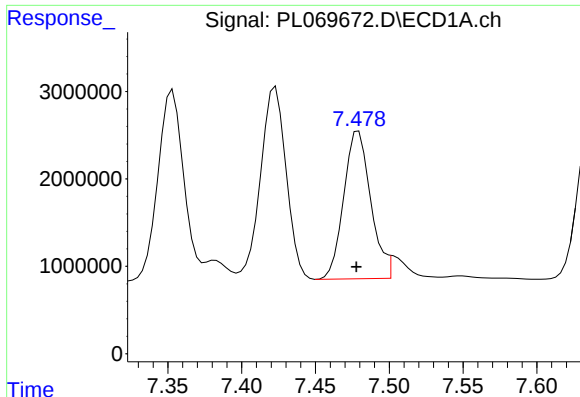
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: 0.001 min
Response: 22139069
Conc: 45.80 ng/ml



#8 Heptachlor epoxide

R.T.: 8.034 min
Delta R.T.: 0.000 min
Response: 56586879
Conc: 41.88 ng/ml



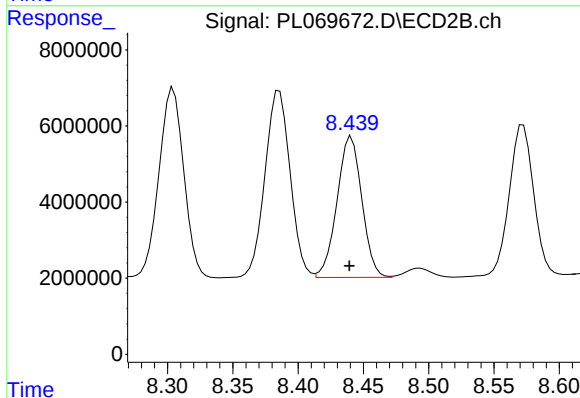
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 21685705
Conc: 45.87 ng/ml m

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

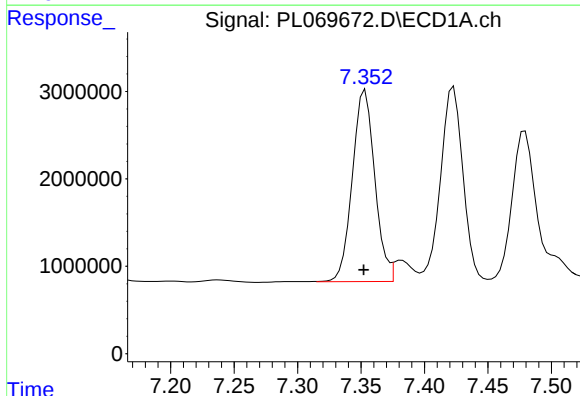
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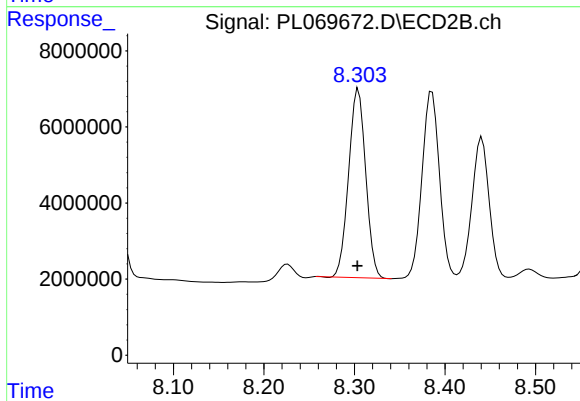
#9 Endosulfan I

R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 48981335
Conc: 38.10 ng/ml



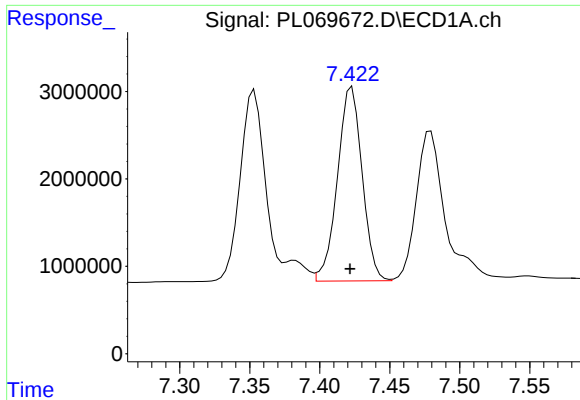
#10 gamma-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 26913211
Conc: 52.46 ng/ml m



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.001 min
Response: 65179558
Conc: 46.93 ng/ml



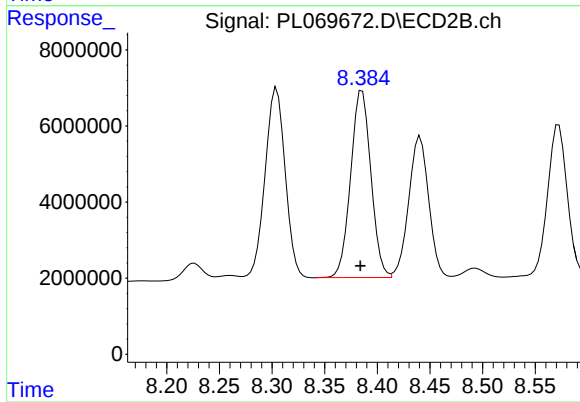
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: 0.001 min
Response: 27269250
Conc: 52.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

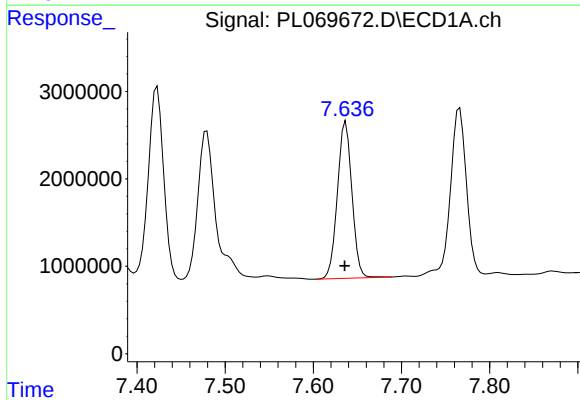
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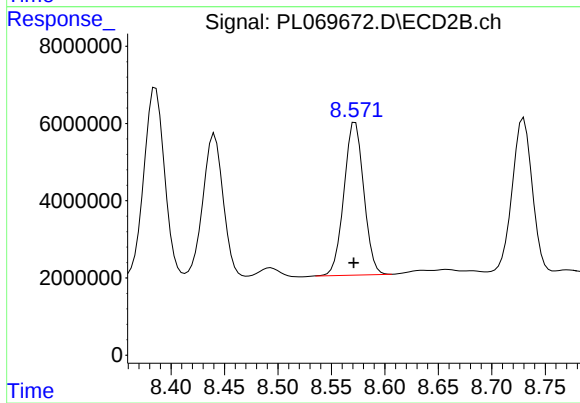
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 66005934
Conc: 48.23 ng/ml



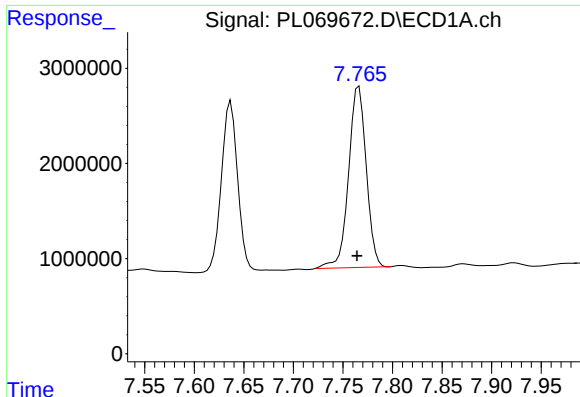
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 20500441
Conc: 45.48 ng/ml



#12 4,4'-DDE

R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 50979520
Conc: 38.49 ng/ml



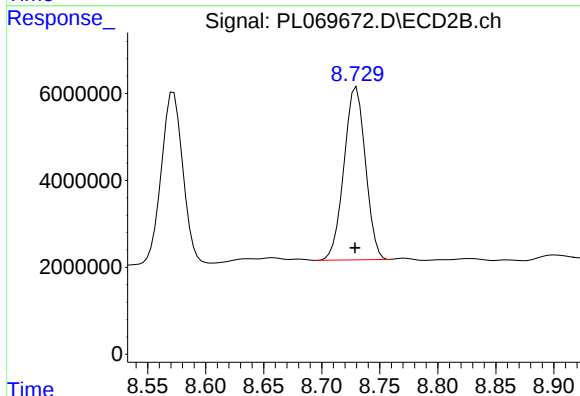
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: 0.002 min
Response: 23641961
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

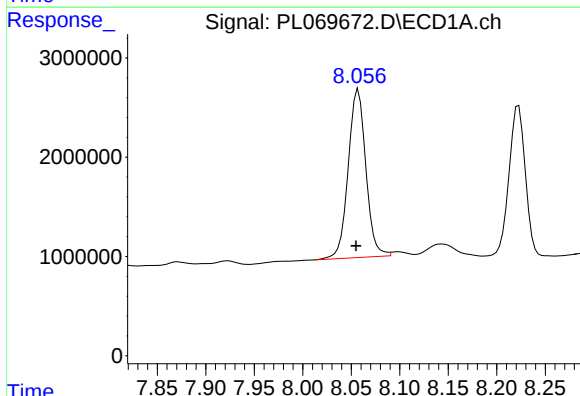
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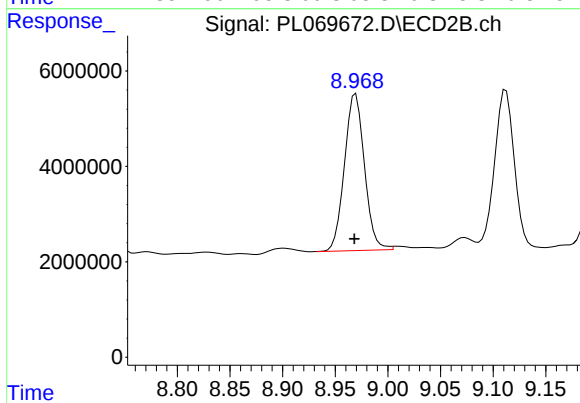
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.001 min
Response: 51180781
Conc: 38.75 ng/ml



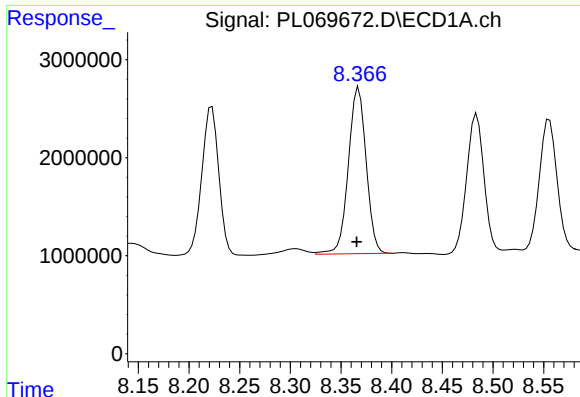
#14 Endrin

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 21493105
Conc: 45.04 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 43660337
Conc: 39.17 ng/ml m



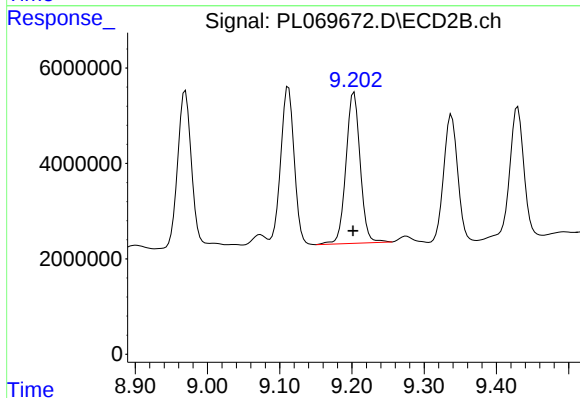
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: 0.002 min
Response: 20749989
Conc: 42.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

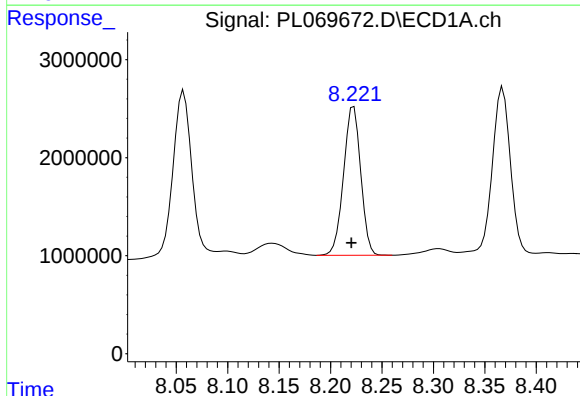
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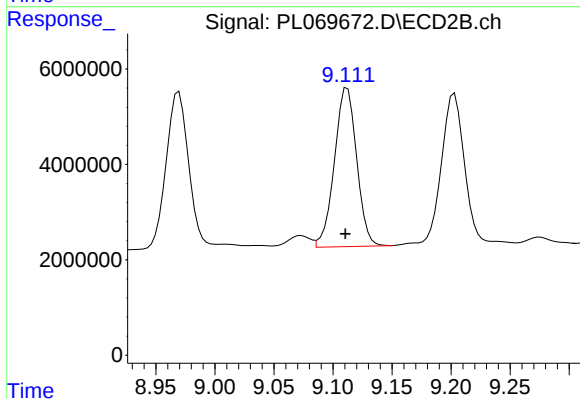
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 42910424
Conc: 37.70 ng/ml



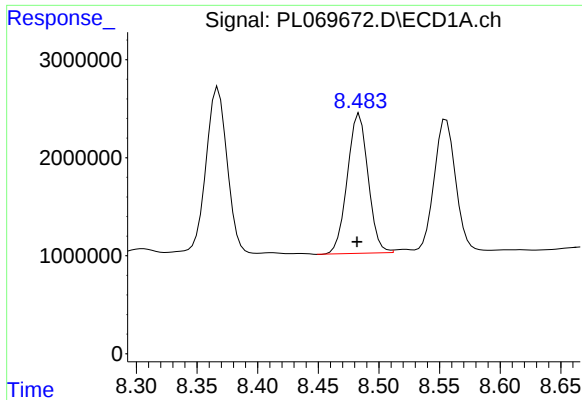
#16 4,4'-DDD

R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 17669225
Conc: 43.77 ng/ml m



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.002 min
Response: 43731252
Conc: 40.20 ng/ml



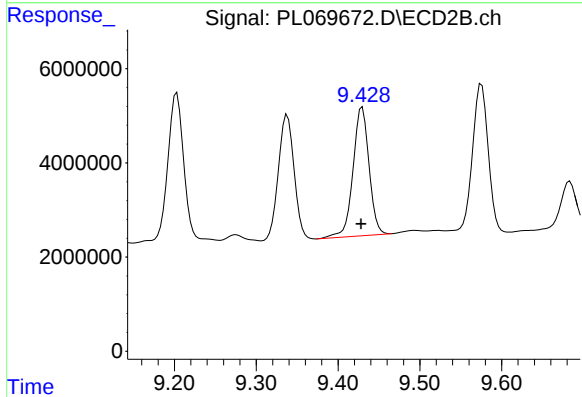
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: 0.002 min
Response: 16947814
Conc: 36.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

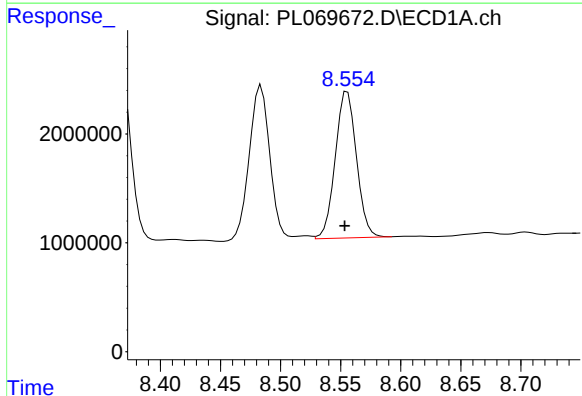
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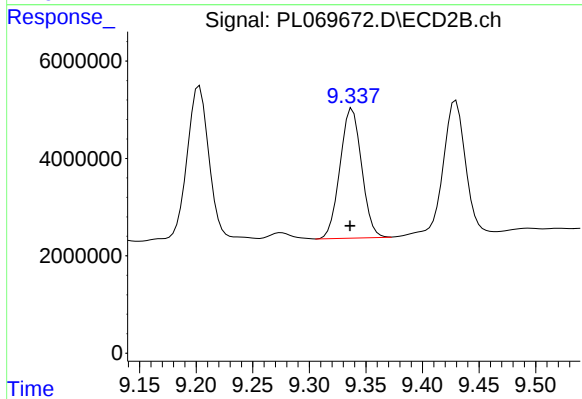
#17 4,4'-DDT

R.T.: 9.430 min
Delta R.T.: 0.001 min
Response: 37150071
Conc: 34.09 ng/ml



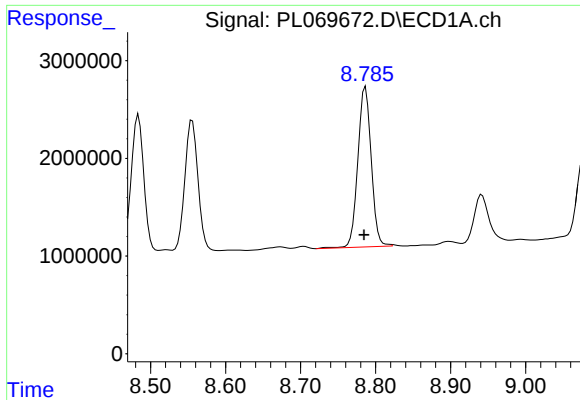
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: 0.002 min
Response: 16524176
Conc: 38.62 ng/ml



#18 Endrin aldehyde

R.T.: 9.337 min
Delta R.T.: 0.000 min
Response: 35436181
Conc: 36.48 ng/ml m



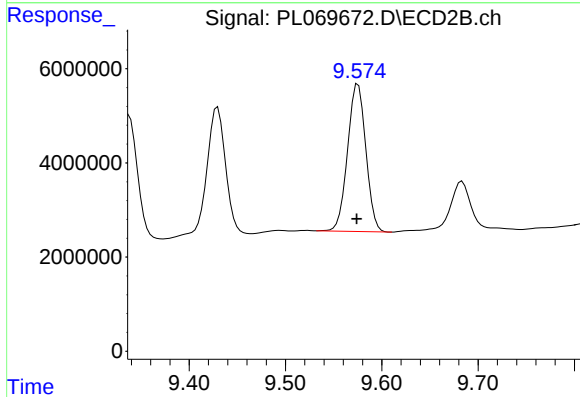
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: 0.002 min
Response: 20347401
Conc: 38.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

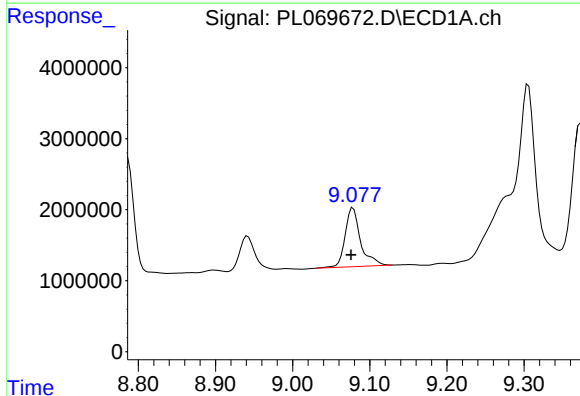
Manual Integrations
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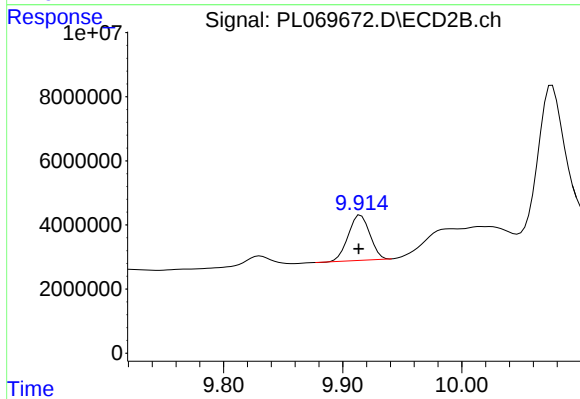
#19 Endosulfan Sulfate

R.T.: 9.575 min
Delta R.T.: 0.001 min
Response: 41195543
Conc: 37.32 ng/ml



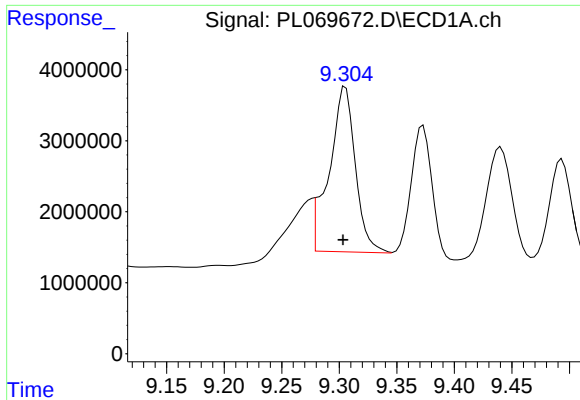
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 11513696
Conc: 37.36 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 17833230
Conc: 30.83 ng/ml



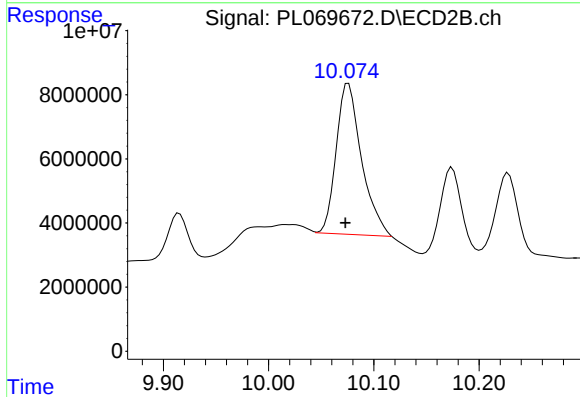
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 36040777
Conc: 60.03 ng/ml m

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

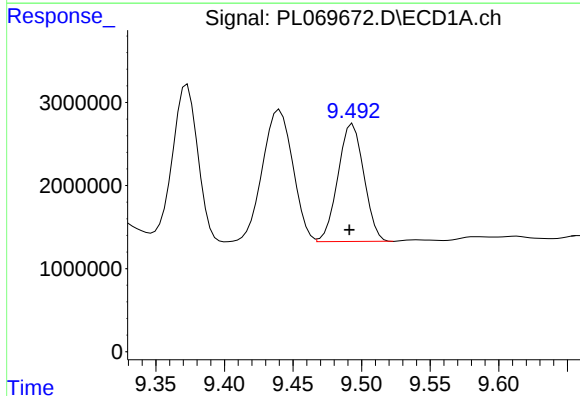
Manual Integrations
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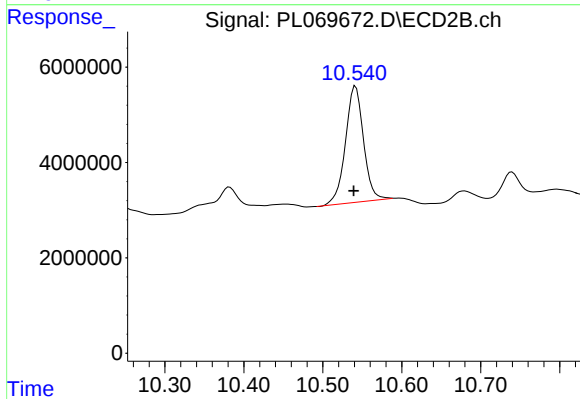
#21 Endrin ketone

R.T.: 10.074 min
Delta R.T.: 0.001 min
Response: 78941867
Conc: 66.46 ng/ml m



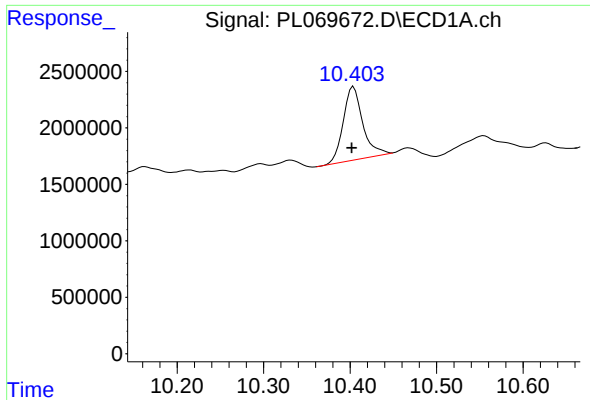
#22 Mirex

R.T.: 9.492 min
Delta R.T.: 0.001 min
Response: 18595172
Conc: 34.21 ng/ml m



#22 Mirex

R.T.: 10.542 min
Delta R.T.: 0.002 min
Response: 38970053
Conc: 43.43 ng/ml



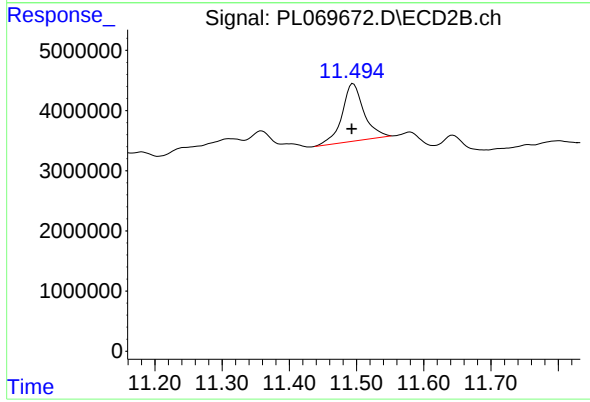
#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: 0.002 min
Response: 10309636
Conc: 17.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MSD

Manual Integrations
APPROVED

mohammad
9/2/2021 2:48:44 PM



#28 Decachlorobiphenyl

R.T.: 11.495 min
Delta R.T.: 0.002 min
Response: 21807631
Conc: 19.33 ng/ml