

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090121\
 Data File : PL069671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2021 16:08
 Operator : AR\AJ
 Sample : M3616-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CL-01-083121MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 02 04:11:13 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...	4.633	5.570	6308879	24698698	20.265	19.632
28)	SA Decachlor...	10.402	11.495	9349654	20745221	15.854	18.384
Target Compounds							
2)	A alpha-BHC	5.340	6.150	21856457	82038541	52.533	47.082
3)	MA gamma-BHC...	5.764	6.546	22835638	73510947	52.226	45.250m
4)	MA Heptachlor	6.174	7.196	22859107	73022832	46.766	45.851m
5)	MB Aldrin	6.500	7.568	22115543	63392475	48.705	43.194
6)	B beta-BHC	6.144	6.801	12297807	34456727	51.244	39.656
7)	B delta-BHC	6.405	7.069	20301773	64865660	44.240	40.540
8)	B Heptachlo...	7.076	8.035	22140887	56903537	45.806	42.119
9)	A Endosulfan I	7.478	8.441	22187103	49782063	46.926m	38.724
10)	B gamma-Chl...	7.352	8.304	27049431	66154411	52.728m	47.630
11)	B alpha-Chl...	7.423	8.386	27188252	67015132	52.320	48.971
12)	B 4,4'-DDE	7.637	8.572	20236466	50995885	44.897	38.498
13)	MA Dieldrin	7.765	8.730	23836556	51326964	48.199	38.861
14)	MA Endrin	8.057	8.968	21553059	44220911	45.166	39.676m
15)	B Endosulfa...	8.367	9.203	20546655	42823707	41.784	37.627
16)	A 4,4'-DDD	8.220	9.112	17296078	43660351	42.845m	40.139
17)	MA 4,4'-DDT	8.483	9.430	17500062	38385082	37.653	35.220
18)	B Endrin al...	8.555	9.337	16929666	35934184	39.567	36.995m
19)	B Endosulfa...	8.786	9.576	20242953	41011191	38.261	37.153
20)	A Methoxychlor	9.078	9.915	11477734	16504350	37.243	28.530
21)	B Endrin ke...	9.303	10.075	32495921	72961720	54.127m	61.430m
22)	Mirex	9.491	10.541	18769284	36773138	34.529m	40.979

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090121\
Data File : PL069671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Sep 2021 16:08
Operator : AR\AJ
Sample : M3616-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

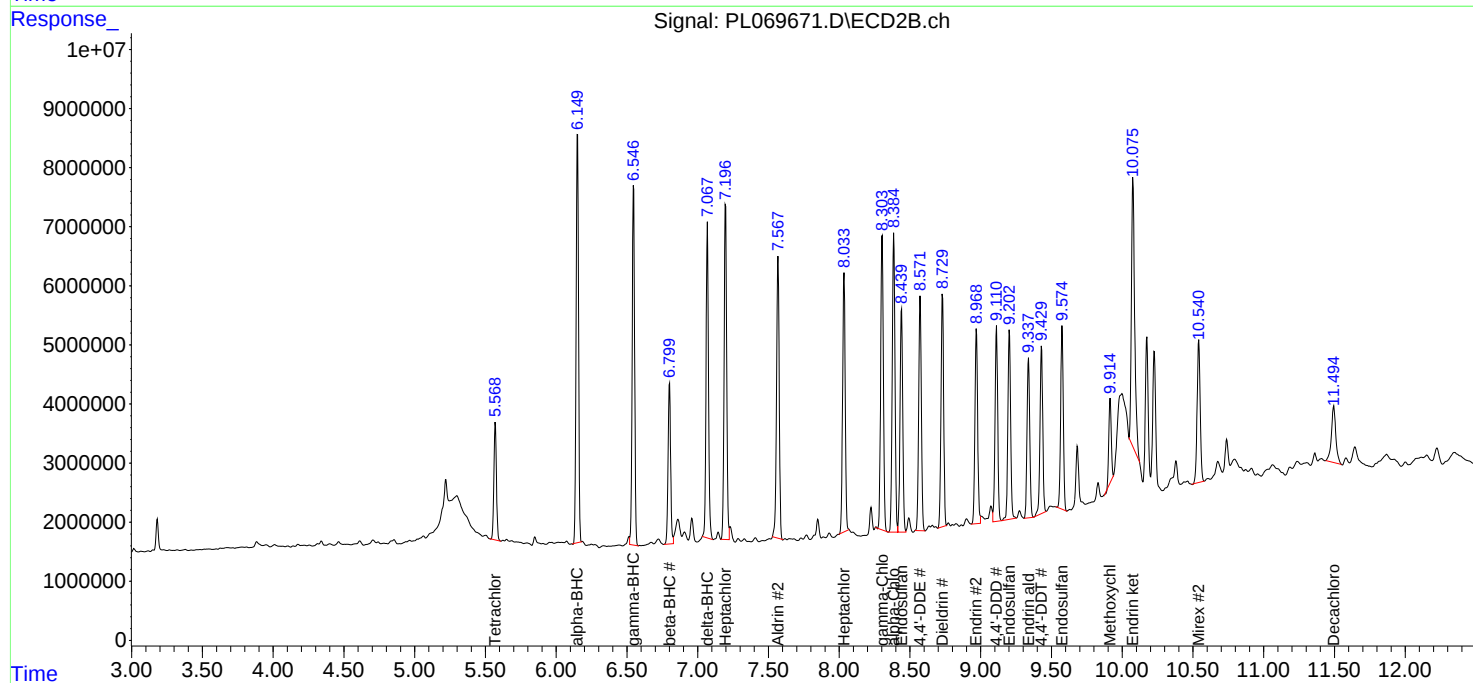
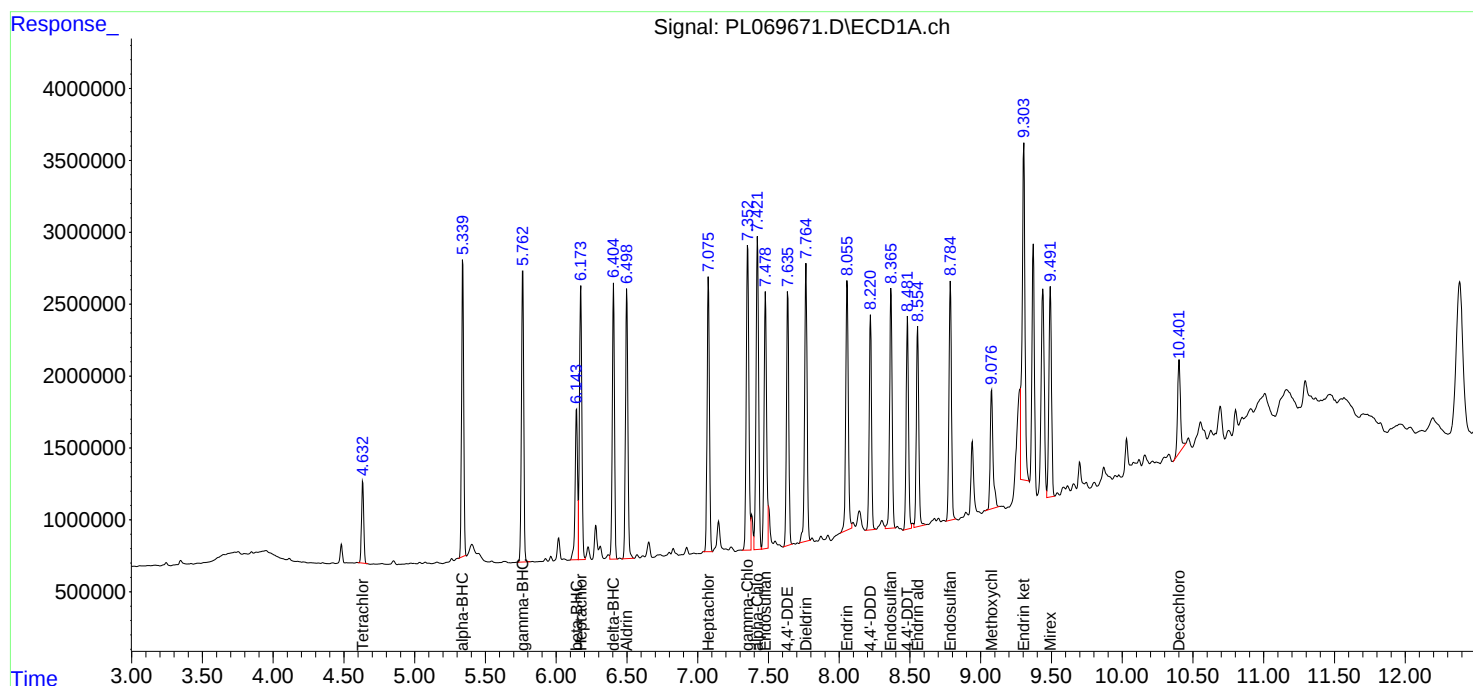
Instrument :
ECD_L
ClientSampled :
CL-01-083121MS

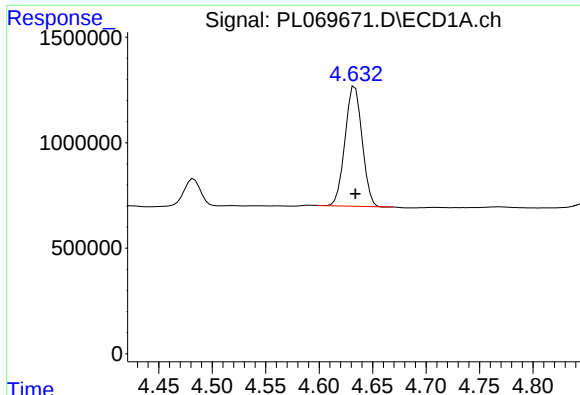
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 02 04:11:13 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 01:49:30 2021
Response 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





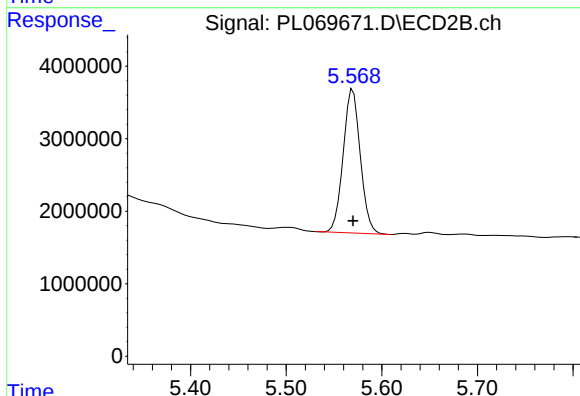
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 6308879
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

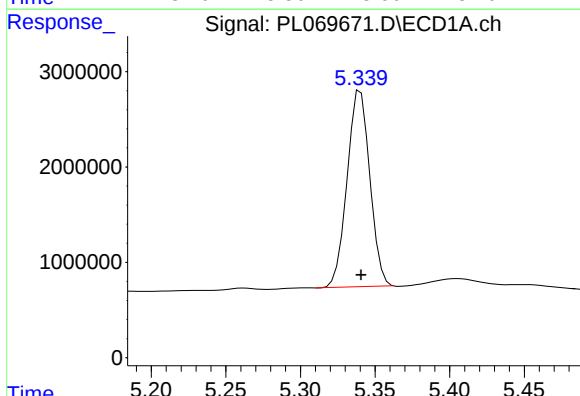
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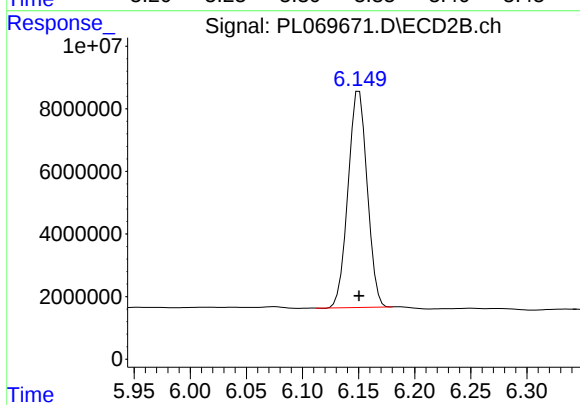
#1 Tetrachloro-m-xylene

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 24698698
Conc: 19.63 ng/ml



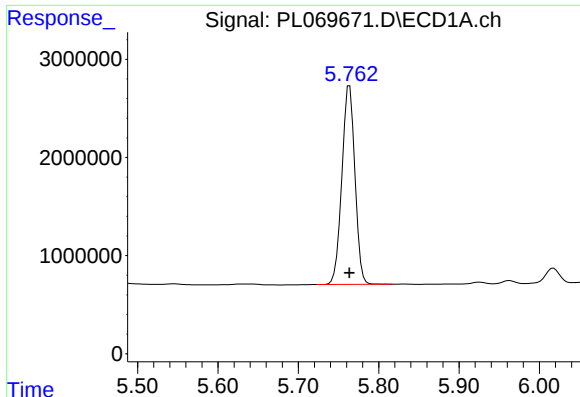
#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 21856457
Conc: 52.53 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.000 min
Response: 82038541
Conc: 47.08 ng/ml



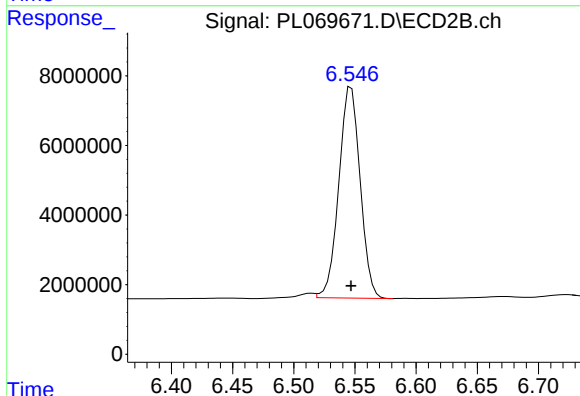
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 22835638
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

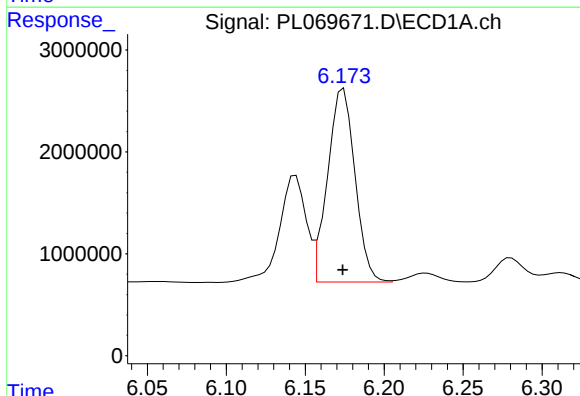
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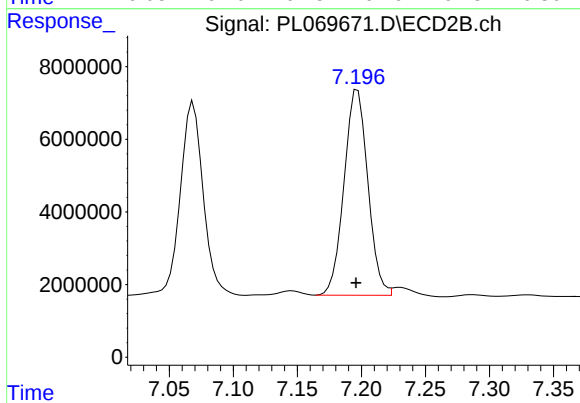
#3 gamma-BHC (Lindane)

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 73510947
Conc: 45.25 ng/ml m



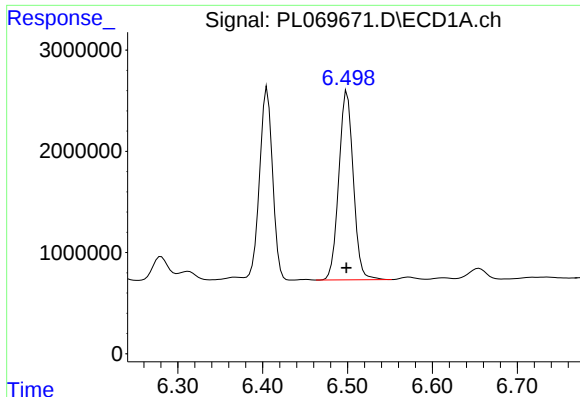
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 22859107
Conc: 46.77 ng/ml



#4 Heptachlor

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 73022832
Conc: 45.85 ng/ml m



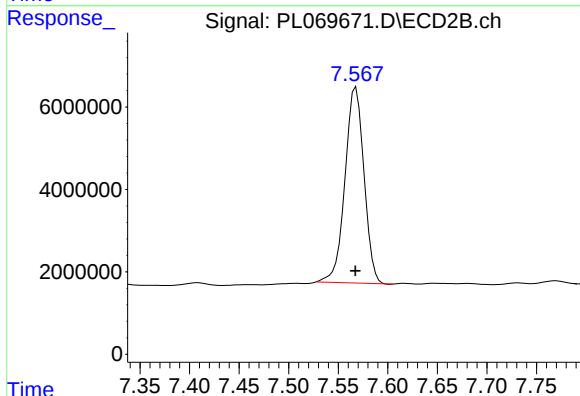
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 22115543
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

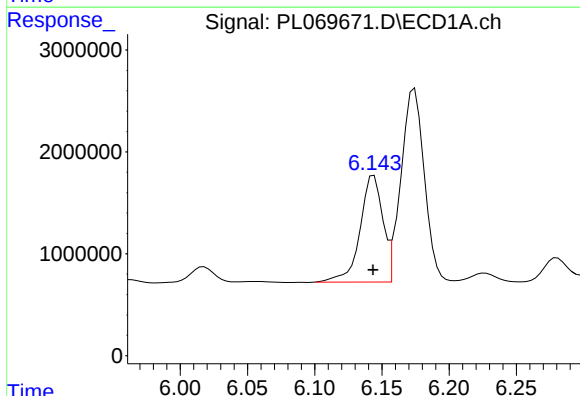
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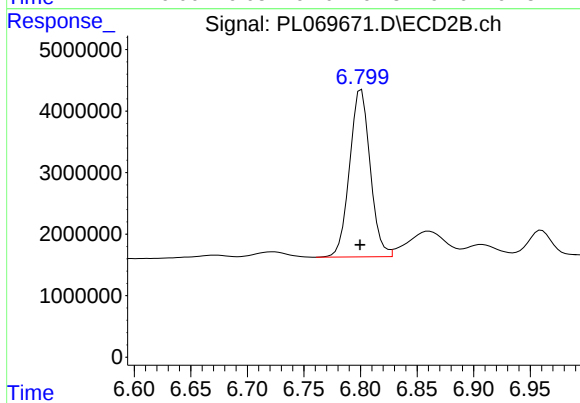
#5 Aldrin

R.T.: 7.568 min
Delta R.T.: 0.000 min
Response: 63392475
Conc: 43.19 ng/ml



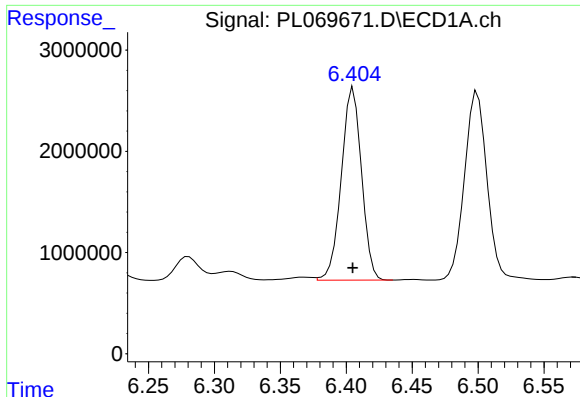
#6 beta-BHC

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 12297807
Conc: 51.24 ng/ml



#6 beta-BHC

R.T.: 6.801 min
Delta R.T.: 0.001 min
Response: 34456727
Conc: 39.66 ng/ml



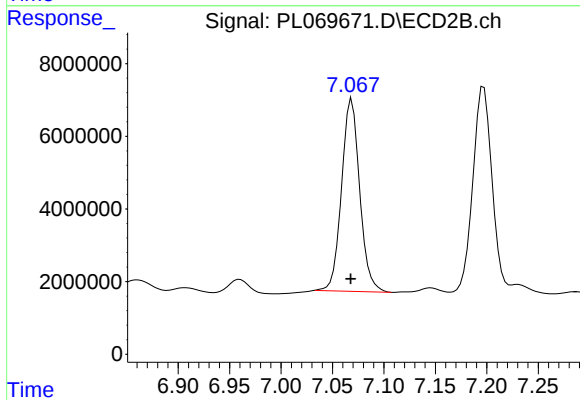
#7 delta-BHC

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 20301773
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

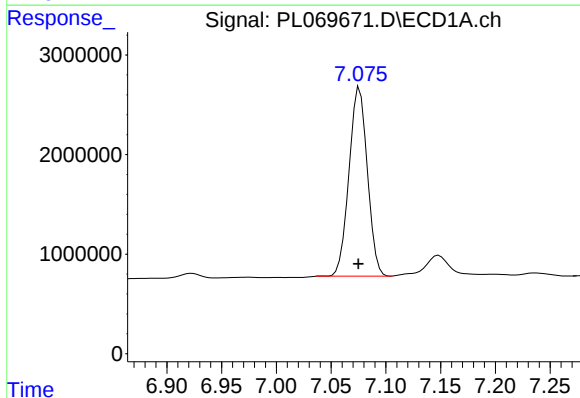
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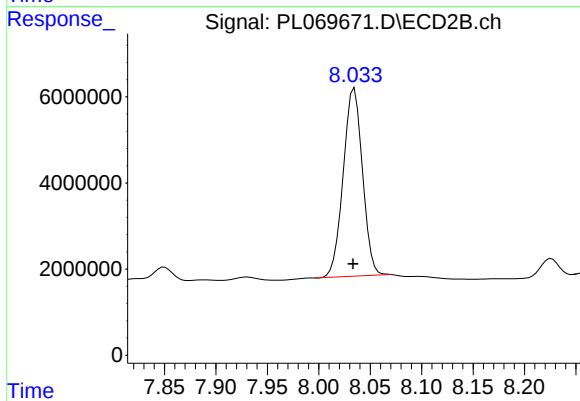
#7 delta-BHC

R.T.: 7.069 min
Delta R.T.: 0.000 min
Response: 64865660
Conc: 40.54 ng/ml



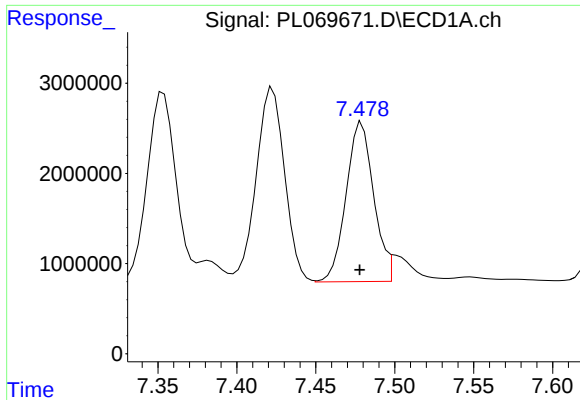
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: 0.001 min
Response: 22140887
Conc: 45.81 ng/ml



#8 Heptachlor epoxide

R.T.: 8.035 min
Delta R.T.: 0.001 min
Response: 56903537
Conc: 42.12 ng/ml



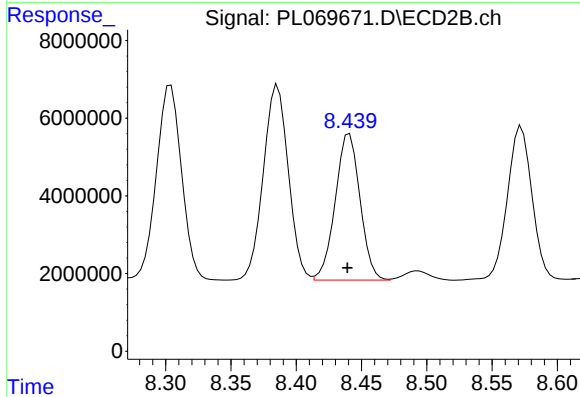
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 22187103
Conc: 46.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

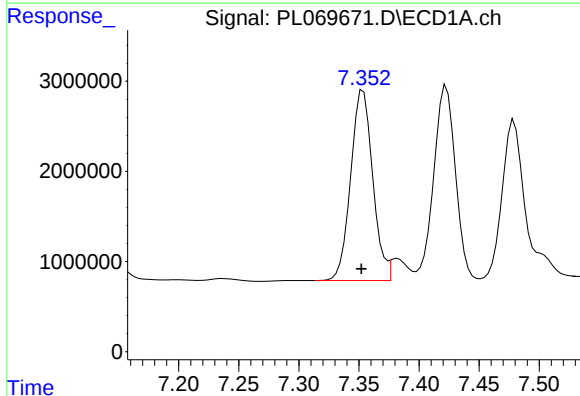
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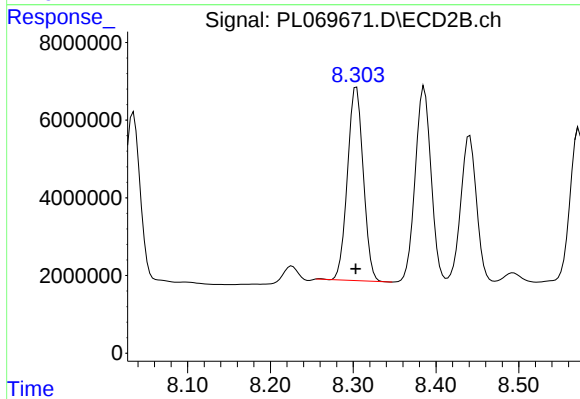
#9 Endosulfan I

R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 49782063
Conc: 38.72 ng/ml



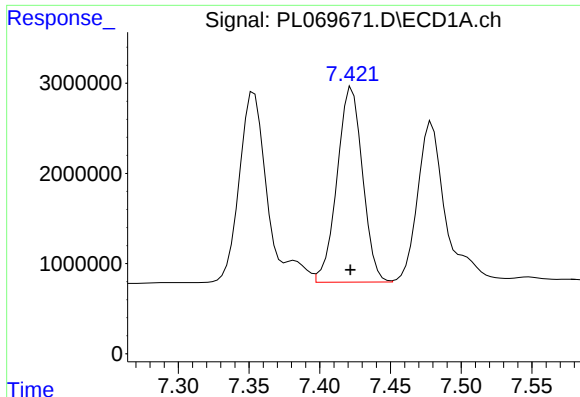
#10 gamma-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 27049431
Conc: 52.73 ng/ml m



#10 gamma-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 66154411
Conc: 47.63 ng/ml



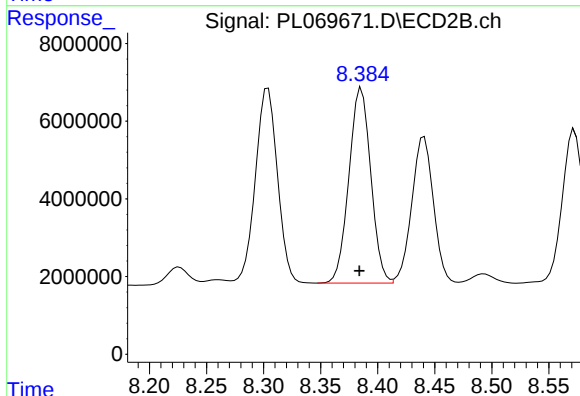
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: 0.001 min
Response: 27188252
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

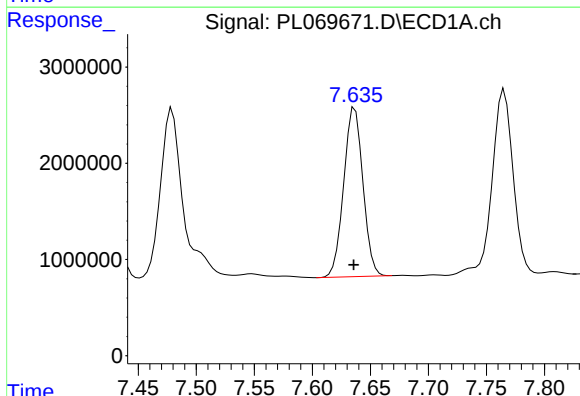
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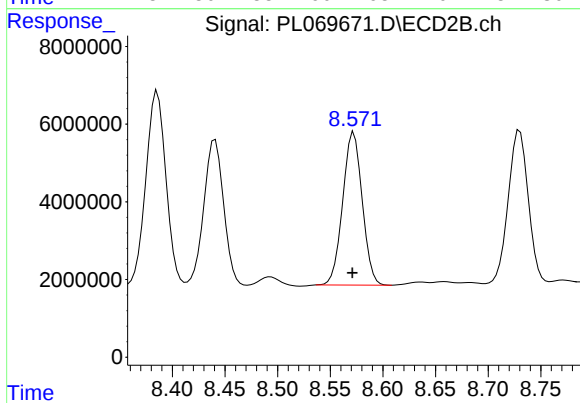
#11 alpha-Chlordane

R.T.: 8.386 min
Delta R.T.: 0.002 min
Response: 67015132
Conc: 48.97 ng/ml



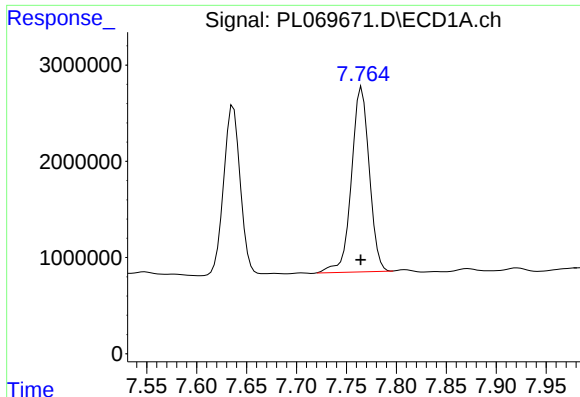
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: 0.001 min
Response: 20236466
Conc: 44.90 ng/ml



#12 4,4'-DDE

R.T.: 8.572 min
Delta R.T.: 0.001 min
Response: 50995885
Conc: 38.50 ng/ml



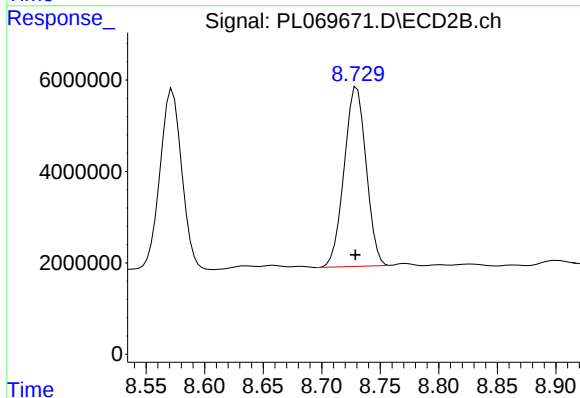
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: 0.001 min
Response: 23836556
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

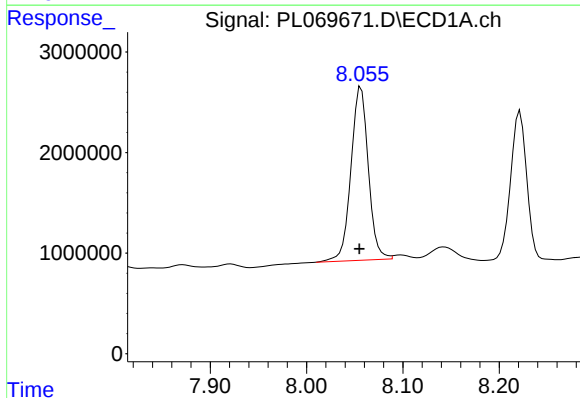
Manual Integrations
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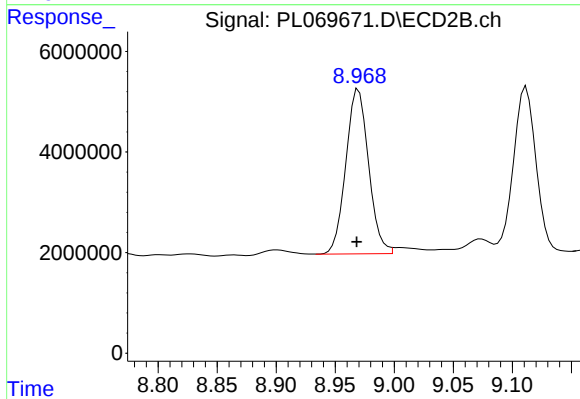
#13 Dieldrin

R.T.: 8.730 min
Delta R.T.: 0.001 min
Response: 51326964
Conc: 38.86 ng/ml



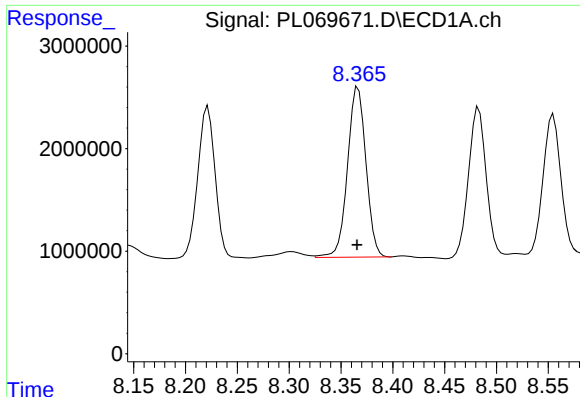
#14 Endrin

R.T.: 8.057 min
Delta R.T.: 0.002 min
Response: 21553059
Conc: 45.17 ng/ml



#14 Endrin

R.T.: 8.968 min
Delta R.T.: 0.000 min
Response: 44220911
Conc: 39.68 ng/ml m



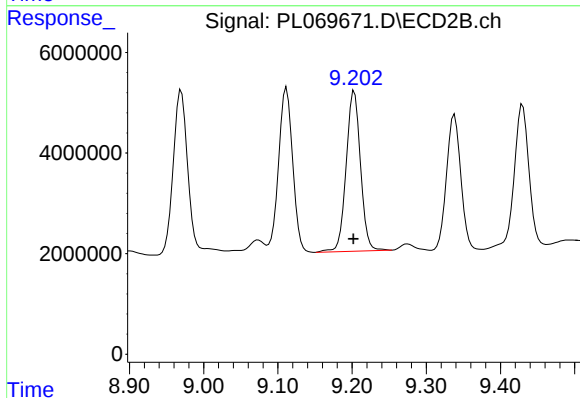
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: 0.001 min
Response: 20546655
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

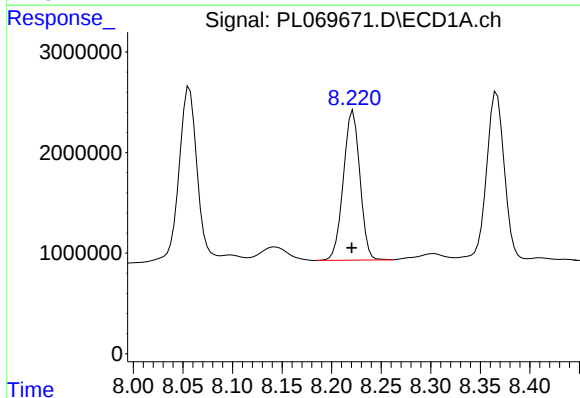
Manual Integrations
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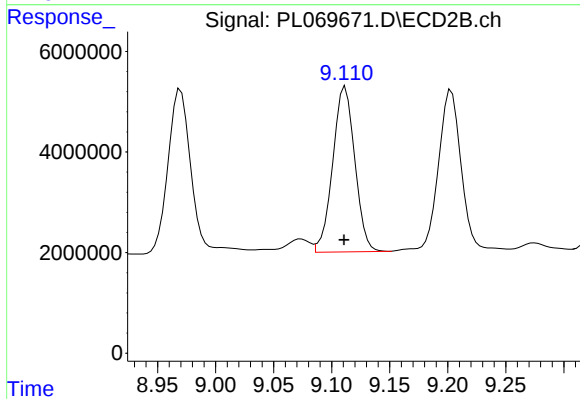
#15 Endosulfan II

R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 42823707
Conc: 37.63 ng/ml



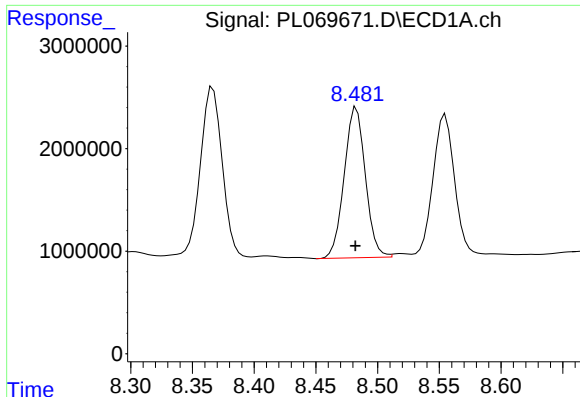
#16 4,4'-DDD

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 17296078
Conc: 42.85 ng/ml m



#16 4,4'-DDD

R.T.: 9.112 min
Delta R.T.: 0.001 min
Response: 43660351
Conc: 40.14 ng/ml



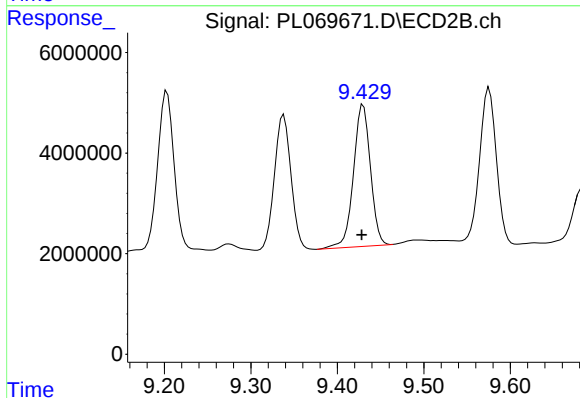
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 17500062
Conc: 37.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

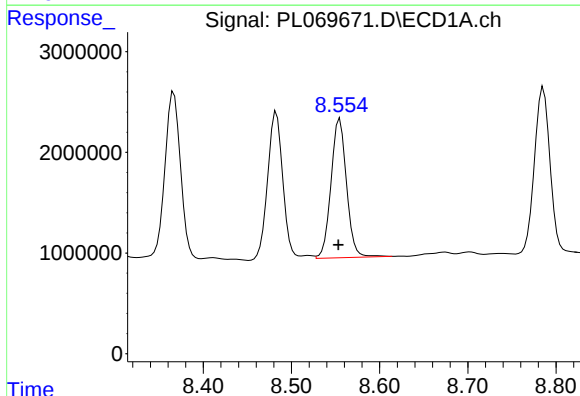
Manual Integrations
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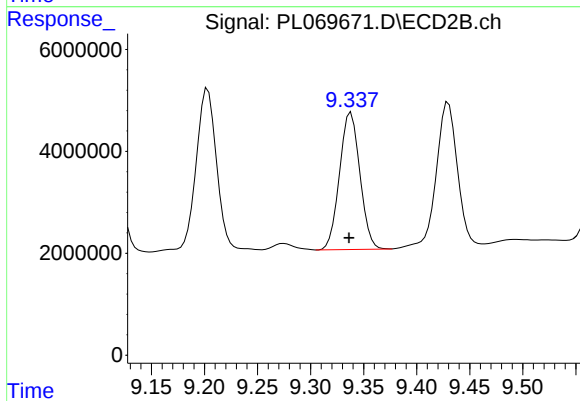
#17 4,4'-DDT

R.T.: 9.430 min
Delta R.T.: 0.002 min
Response: 38385082
Conc: 35.22 ng/ml



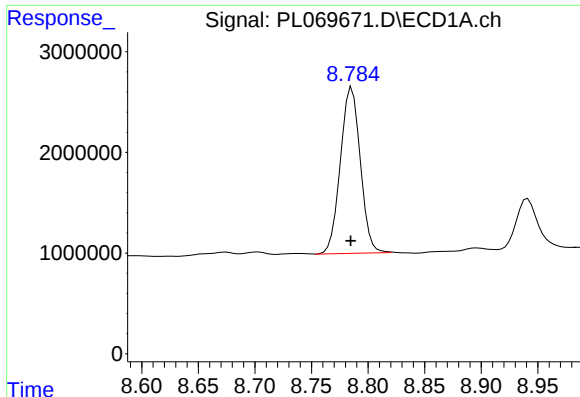
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: 0.002 min
Response: 16929666
Conc: 39.57 ng/ml



#18 Endrin aldehyde

R.T.: 9.337 min
Delta R.T.: 0.000 min
Response: 35934184
Conc: 37.00 ng/ml m



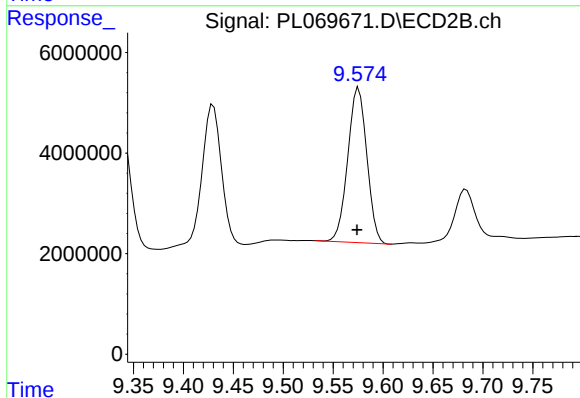
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: 0.001 min
Response: 20242953
Conc: 38.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

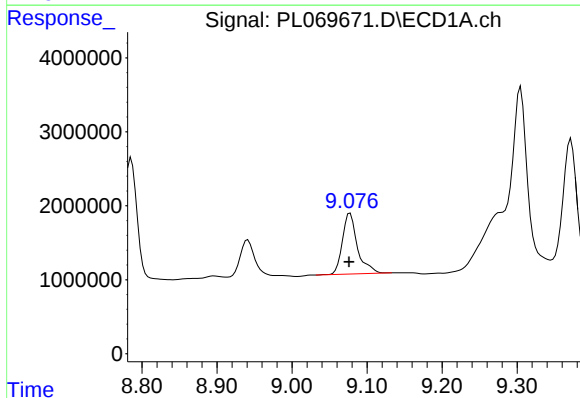
Manual Integrations
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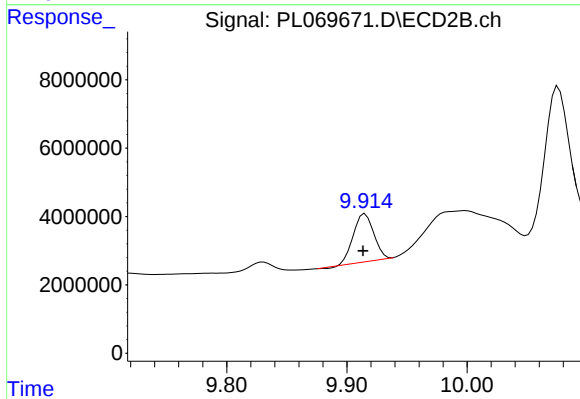
#19 Endosulfan Sulfate

R.T.: 9.576 min
Delta R.T.: 0.002 min
Response: 41011191
Conc: 37.15 ng/ml



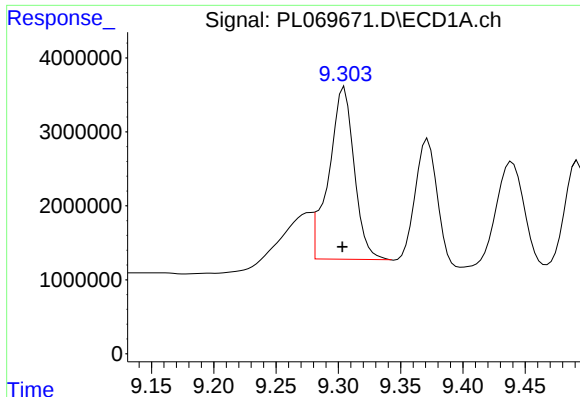
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 11477734
Conc: 37.24 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.002 min
Response: 16504350
Conc: 28.53 ng/ml



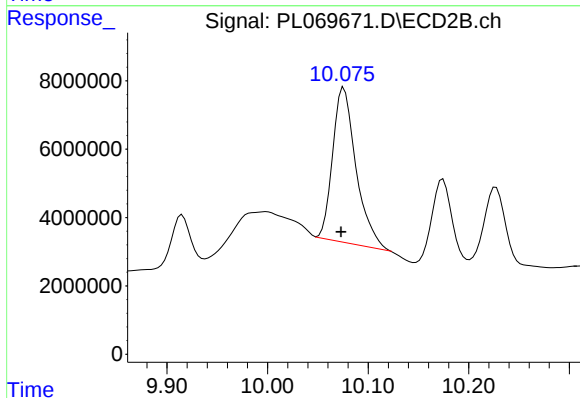
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 32495921
Conc: 54.13 ng/ml m

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

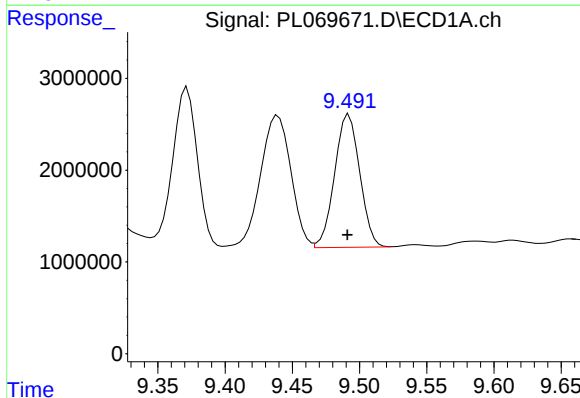
Manual Integrations
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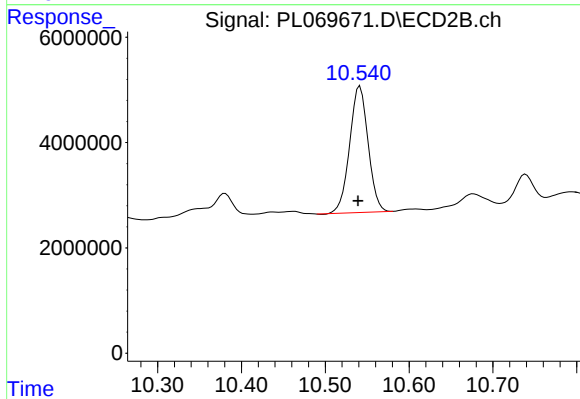
#21 Endrin ketone

R.T.: 10.075 min
Delta R.T.: 0.001 min
Response: 72961720
Conc: 61.43 ng/ml m



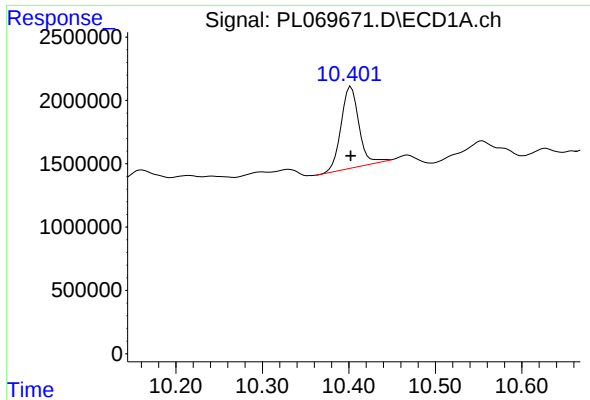
#22 Mirex

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 18769284
Conc: 34.53 ng/ml m



#22 Mirex

R.T.: 10.541 min
Delta R.T.: 0.002 min
Response: 36773138
Conc: 40.98 ng/ml



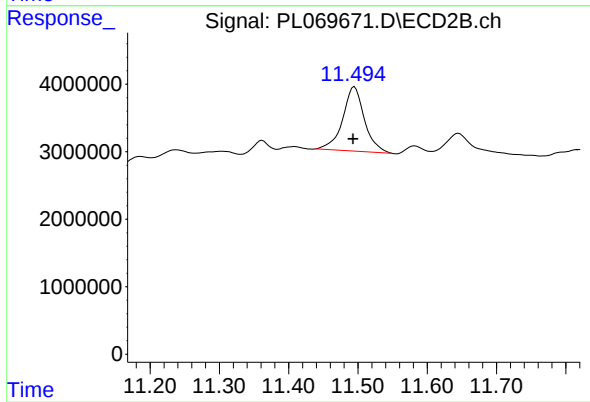
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 9349654
Conc: 15.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
CL-01-083121MS

Manual Integrations
APPROVED

mohammad
9/2/2021 2:48:41 PM



#28 Decachlorobiphenyl

R.T.: 11.495 min
Delta R.T.: 0.002 min
Response: 20745221
Conc: 18.38 ng/ml