

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082121\
 Data File : PL069310.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 02:33
 Operator : AR\AJ
 Sample : PB138599BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB138599BS

Manual Integrations
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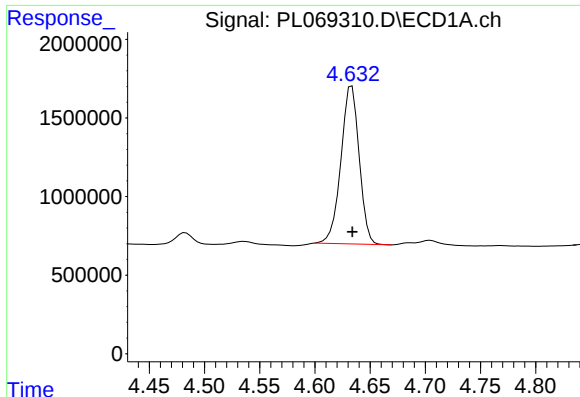
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 05:00:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 21 02:23:37 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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	5.567	11576480	33363140	25.091	23.290
28)	SA Decachlor...	10.402	11.490	14668056	25972255	21.732	21.192
Target Compounds							
2)	A alpha-BHC	5.339	6.148	36617468	109.4E6	57.204m	55.944
3)	MA gamma-BHC...	5.763	6.544	34935466	100.1E6	54.682	54.529
4)	MA Heptachlor	6.174	7.193	37591958	94168277	54.277	51.673
5)	MB Aldrin	6.499	7.564	35066452	85803814	56.833	51.624
6)	B beta-BHC	6.142	6.796	17780748	47705313	56.693	50.762
7)	B delta-BHC	6.403	7.064	34882093	95447948	56.109m	51.680
8)	B Heptachlo...	7.075	8.031	34063690	75902850	54.875	50.459
9)	A Endosulfan I	7.478	8.436	32207868	71984275	54.402	52.045
10)	B gamma-Chl...	7.352	8.300	35029302	81693672	54.729	53.106
11)	B alpha-Chl...	7.422	8.381	34876162	77454720	53.523	51.838
12)	B 4,4'-DDE	7.636	8.568	31364618	73933376	55.457	52.853
13)	MA Dieldrin	7.763	8.726	33850429	75337154	55.745m	53.651
14)	MA Endrin	8.055	8.964	33606269	63651344	58.189	54.230m
15)	B Endosulfa...	8.365	9.198	31576788	66127783	56.832	55.884
16)	A 4,4'-DDD	8.220	9.108	27244187	64883126	53.569	52.897
17)	MA 4,4'-DDT	8.482	9.425	30733379	61651319	53.394	50.321
18)	B Endrin al...	8.553	9.333	27064162	55696968	59.671	58.553
19)	B Endosulfa...	8.784	9.571	33045450	63719589	55.660	56.086
20)	A Methoxychlor	9.076	9.910	19055221	33758642	50.876	52.584
21)	B Endrin ke...	9.304	10.069	37681036	67679594	54.305	52.310
22)	Mirex	9.491	10.536	30846206	48677262	51.862	51.939

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



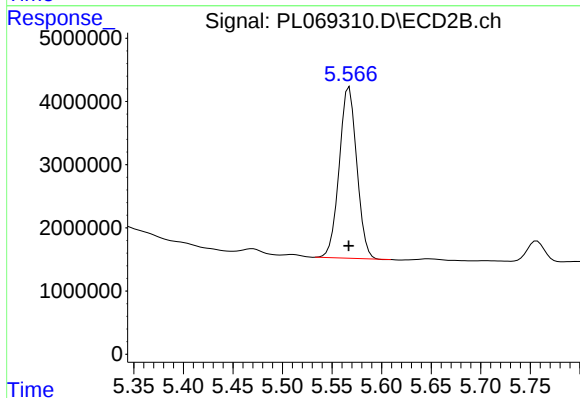
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 11576480
Conc: 25.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

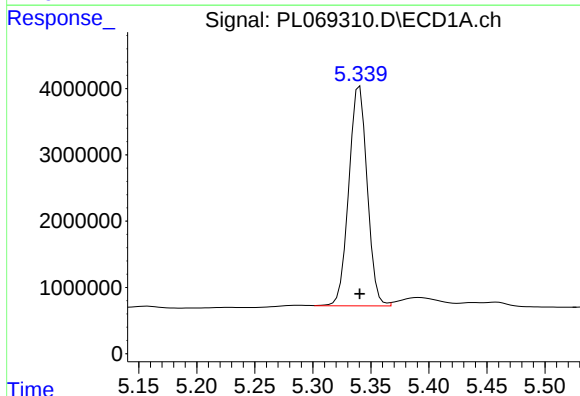
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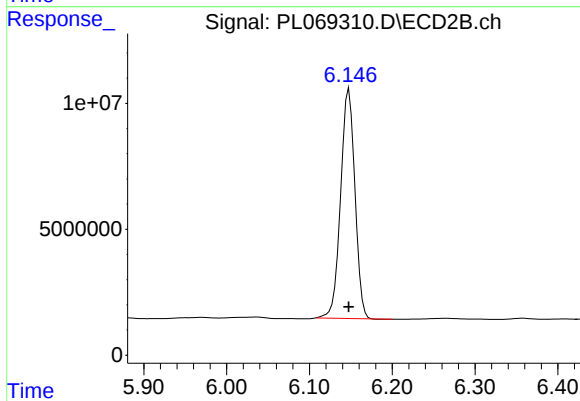
#1 Tetrachloro-m-xylene

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 33363140
Conc: 23.29 ng/ml



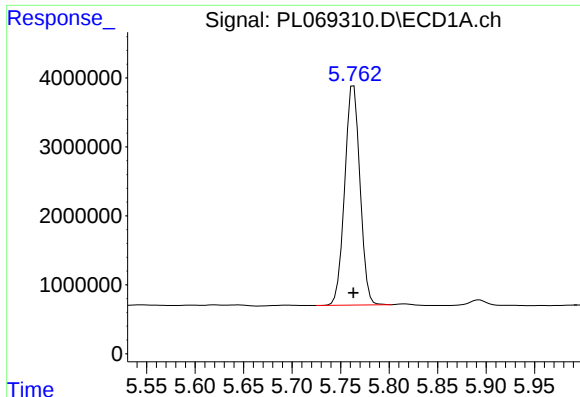
#2 alpha-BHC

R.T.: 5.339 min
Delta R.T.: -0.001 min
Response: 36617468
Conc: 57.20 ng/ml m



#2 alpha-BHC

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 109429587
Conc: 55.94 ng/ml



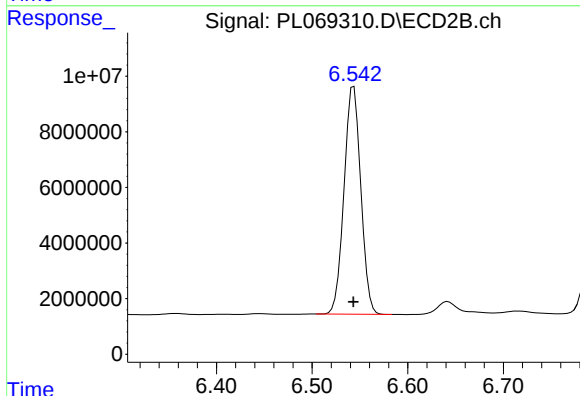
#3 gamma-BHC (Lindane)

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 34935466
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

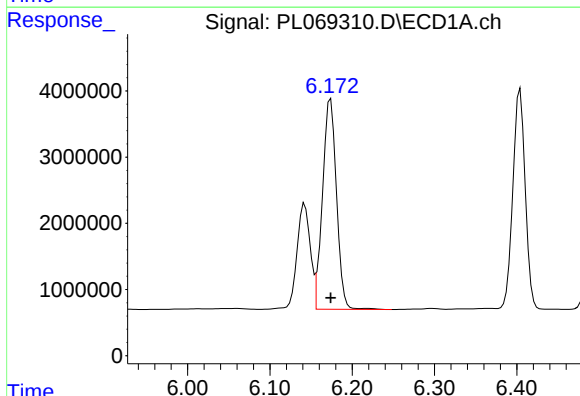
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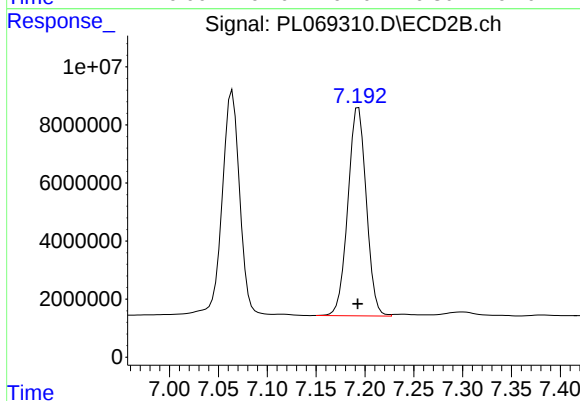
#3 gamma-BHC (Lindane)

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 100064940
Conc: 54.53 ng/ml



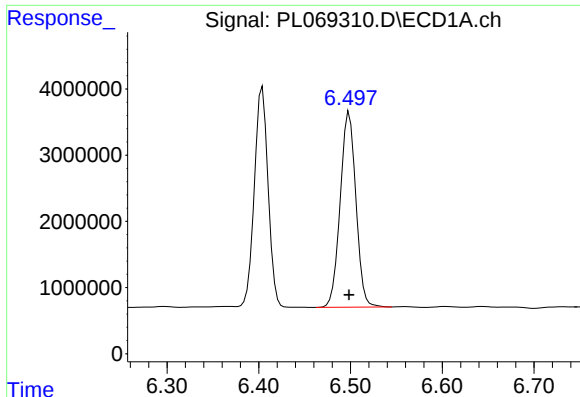
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 37591958
Conc: 54.28 ng/ml



#4 Heptachlor

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 94168277
Conc: 51.67 ng/ml



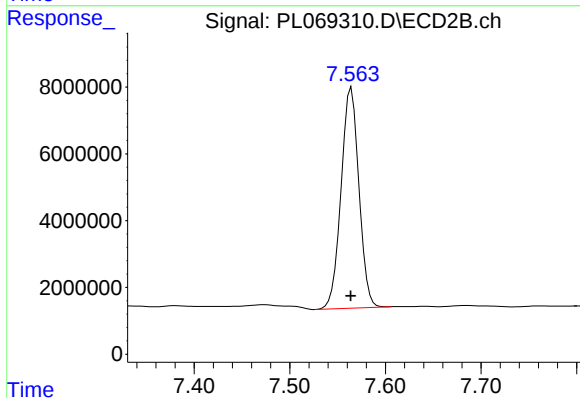
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 35066452
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

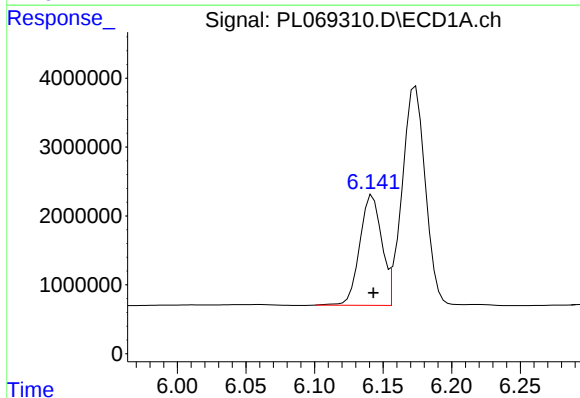
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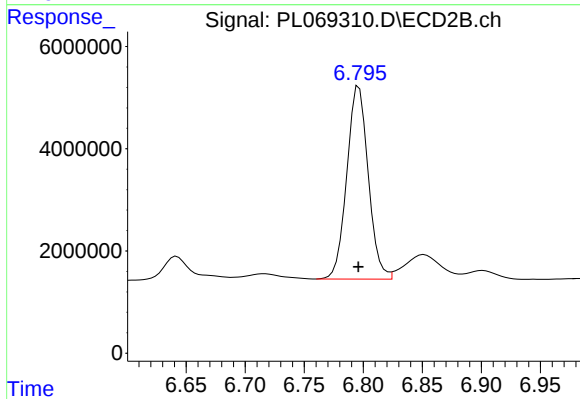
#5 Aldrin

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 85803814
Conc: 51.62 ng/ml



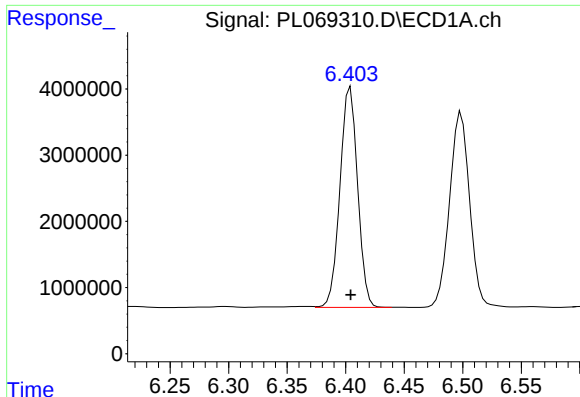
#6 beta-BHC

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 17780748
Conc: 56.69 ng/ml



#6 beta-BHC

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 47705313
Conc: 50.76 ng/ml



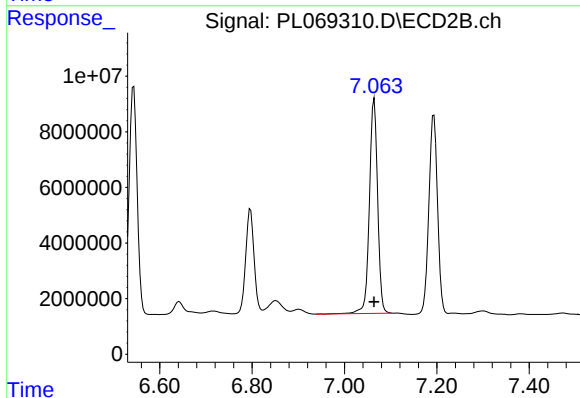
#7 delta-BHC

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 34882093
Conc: 56.11 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB138599BS

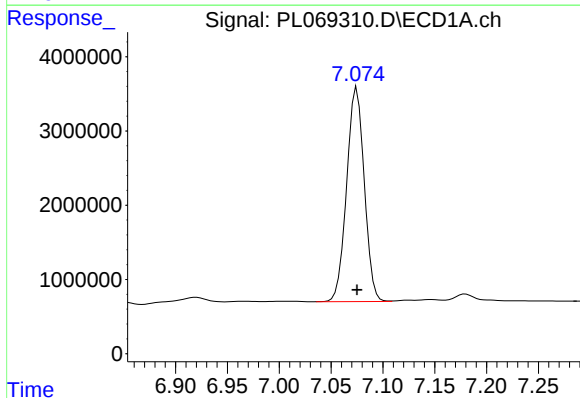
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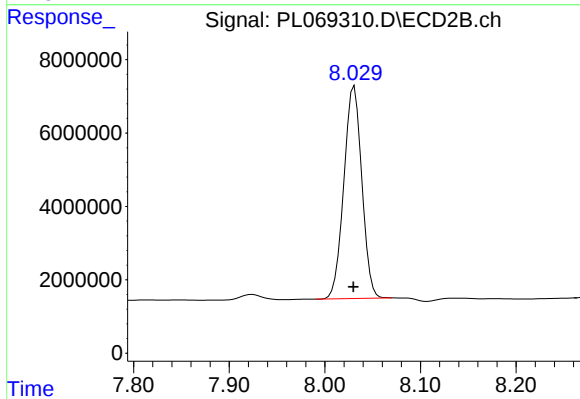
#7 delta-BHC

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 95447948
Conc: 51.68 ng/ml



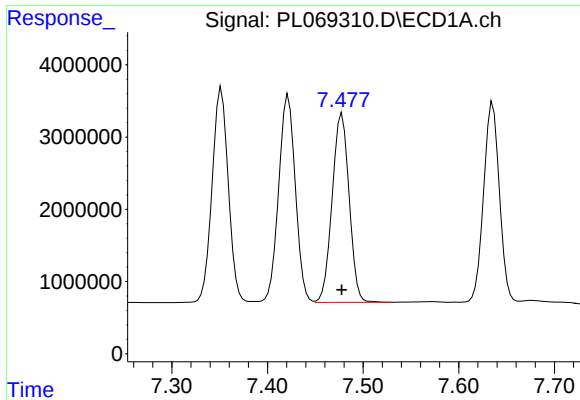
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 34063690
Conc: 54.88 ng/ml



#8 Heptachlor epoxide

R.T.: 8.031 min
Delta R.T.: 0.000 min
Response: 75902850
Conc: 50.46 ng/ml



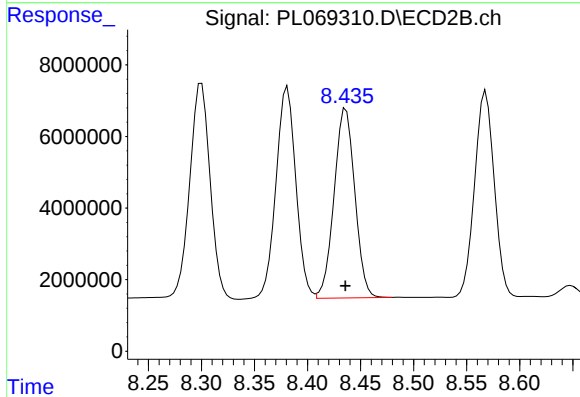
#9 Endosulfan I

R.T.: 7.478 min
Delta R.T.: 0.000 min
Response: 32207868
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

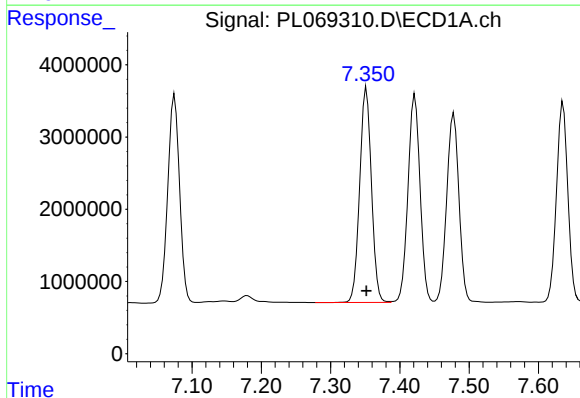
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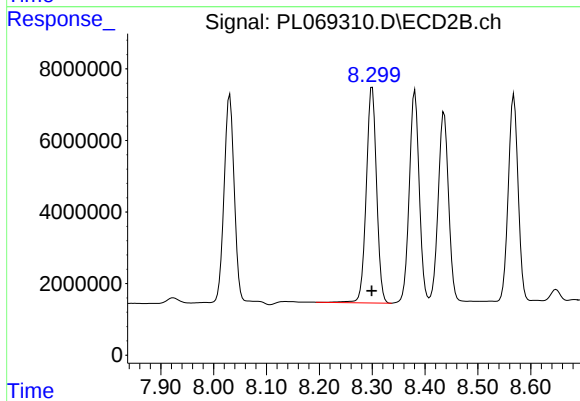
#9 Endosulfan I

R.T.: 8.436 min
Delta R.T.: 0.000 min
Response: 71984275
Conc: 52.04 ng/ml



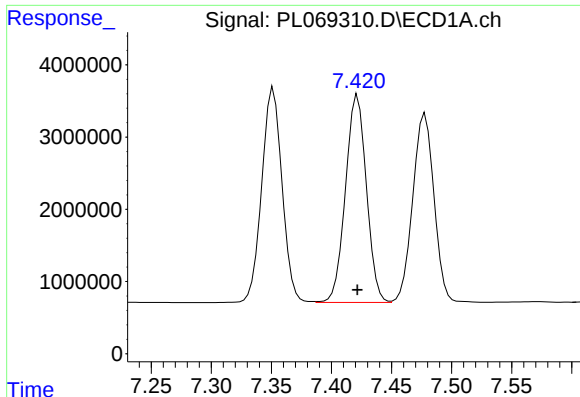
#10 gamma-Chlordane

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 35029302
Conc: 54.73 ng/ml



#10 gamma-Chlordane

R.T.: 8.300 min
Delta R.T.: 0.001 min
Response: 81693672
Conc: 53.11 ng/ml



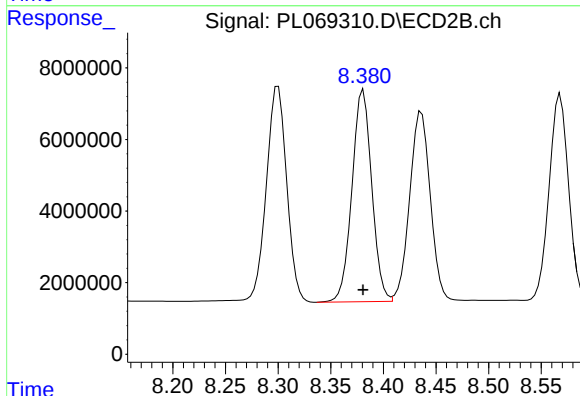
#11 alpha-Chlordane

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 34876162
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

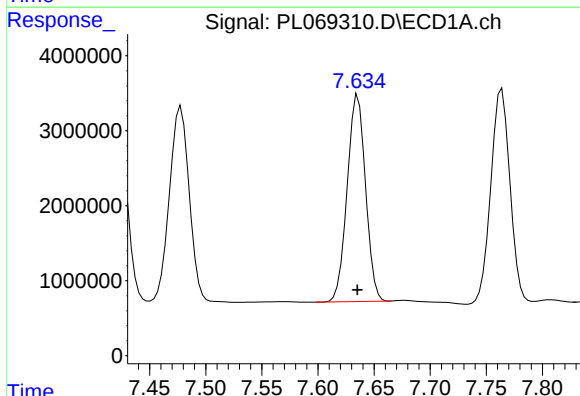
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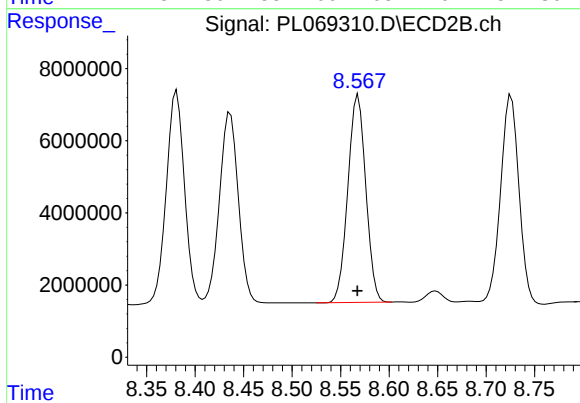
#11 alpha-Chlordane

R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 77454720
Conc: 51.84 ng/ml



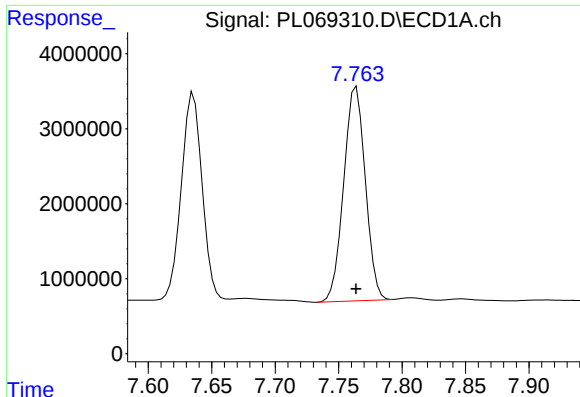
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 31364618
Conc: 55.46 ng/ml



#12 4,4'-DDE

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 73933376
Conc: 52.85 ng/ml



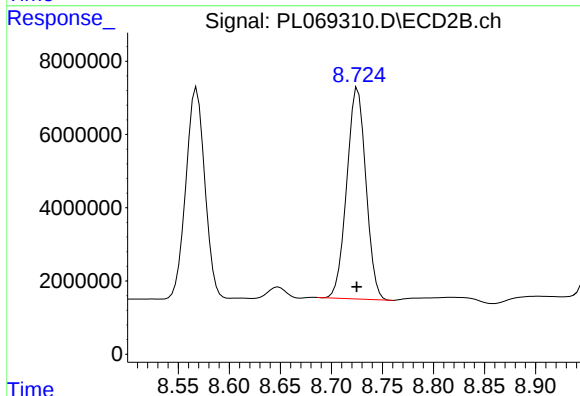
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.001 min
Response: 33850429
Conc: 55.75 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PB138599BS

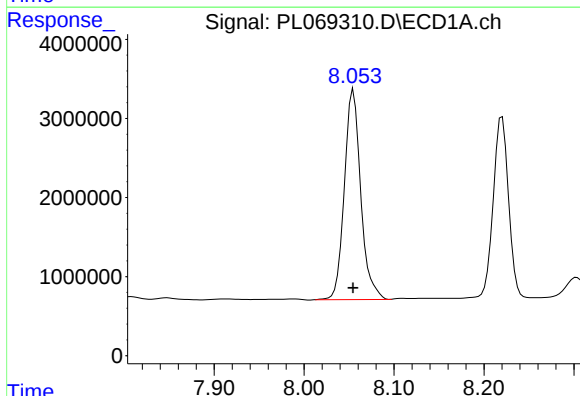
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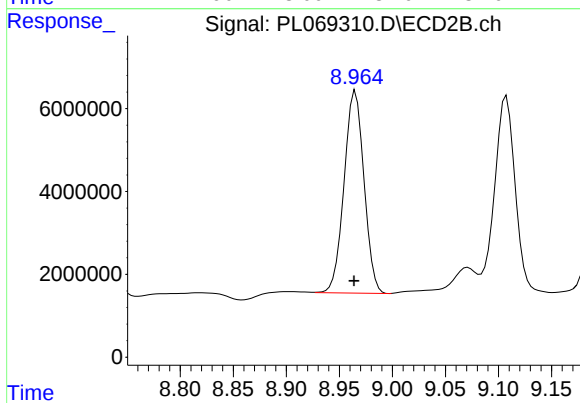
#13 Dieldrin

R.T.: 8.726 min
Delta R.T.: 0.001 min
Response: 75337154
Conc: 53.65 ng/ml



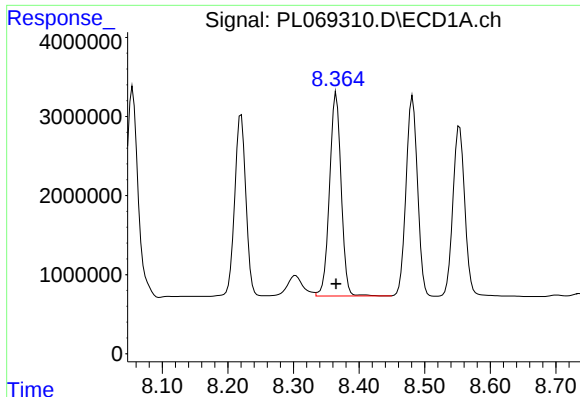
#14 Endrin

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 33606269
Conc: 58.19 ng/ml



#14 Endrin

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 63651344
Conc: 54.23 ng/ml m



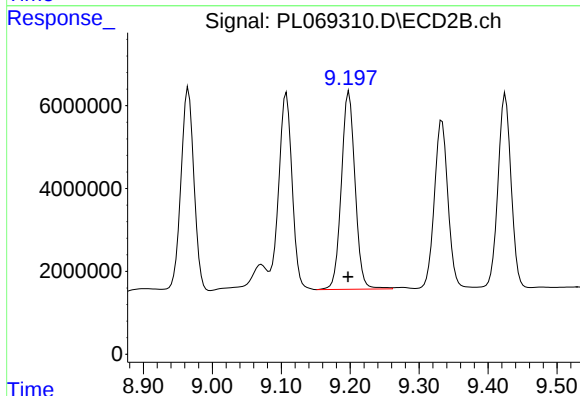
#15 Endosulfan II

R.T.: 8.365 min
Delta R.T.: 0.000 min
Response: 31576788
Conc: 56.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

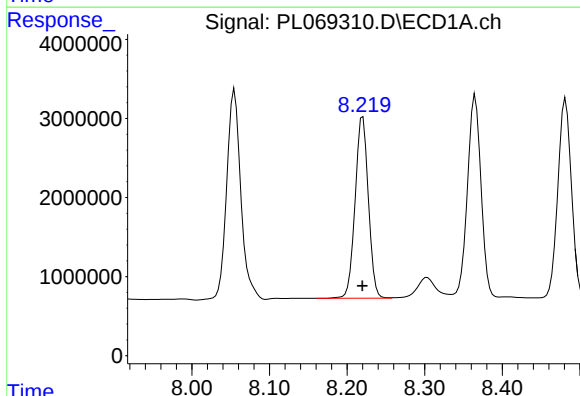
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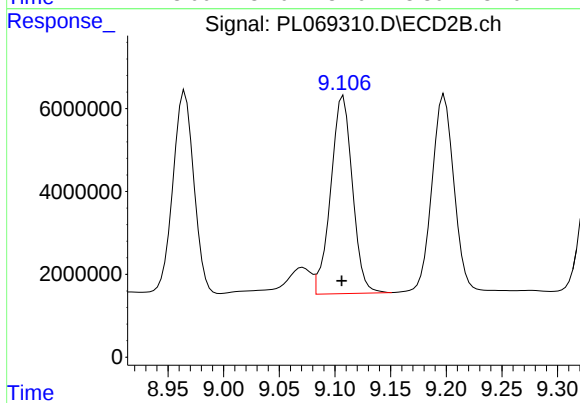
#15 Endosulfan II

R.T.: 9.198 min
Delta R.T.: 0.001 min
Response: 66127783
Conc: 55.88 ng/ml



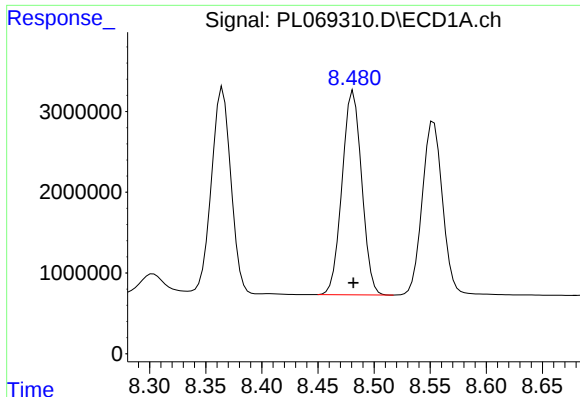
#16 4,4'-DDD

R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 27244187
Conc: 53.57 ng/ml



#16 4,4'-DDD

R.T.: 9.108 min
Delta R.T.: 0.001 min
Response: 64883126
Conc: 52.90 ng/ml



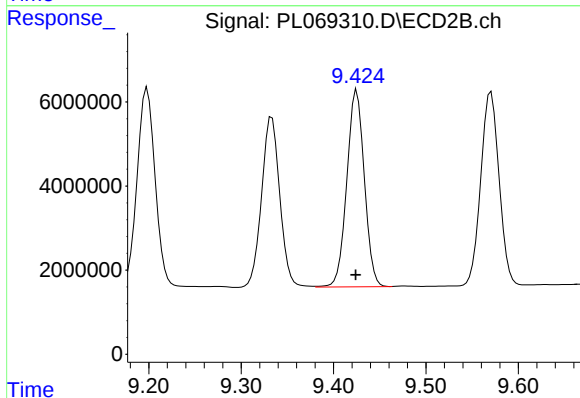
#17 4,4'-DDT

R.T.: 8.482 min
Delta R.T.: 0.000 min
Response: 30733379
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

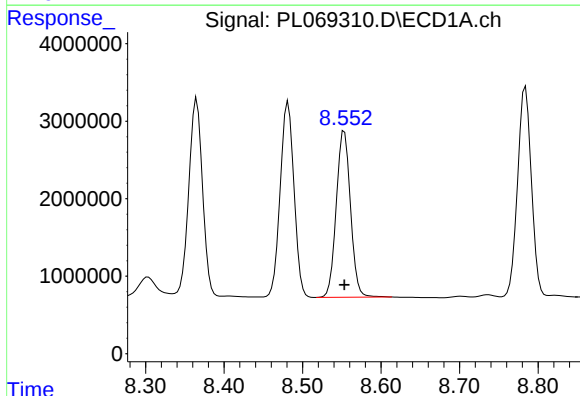
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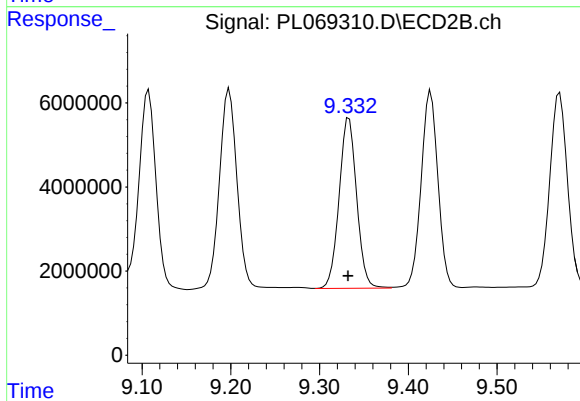
#17 4,4'-DDT

R.T.: 9.425 min
Delta R.T.: 0.001 min
Response: 61651319
Conc: 50.32 ng/ml



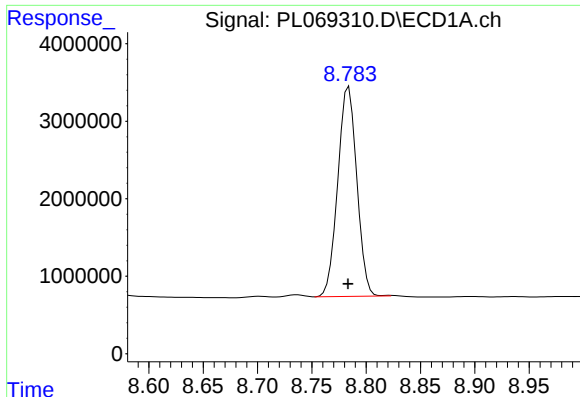
#18 Endrin aldehyde

R.T.: 8.553 min
Delta R.T.: 0.000 min
Response: 27064162
Conc: 59.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.333 min
Delta R.T.: 0.000 min
Response: 55696968
Conc: 58.55 ng/ml



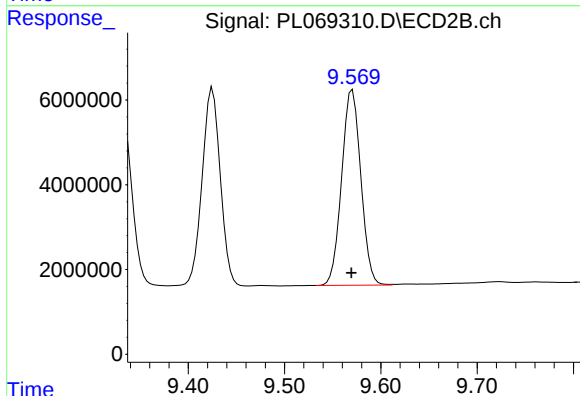
#19 Endosulfan Sulfate

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 33045450
Conc: 55.66 ng/ml

Instrument :
ECD_L
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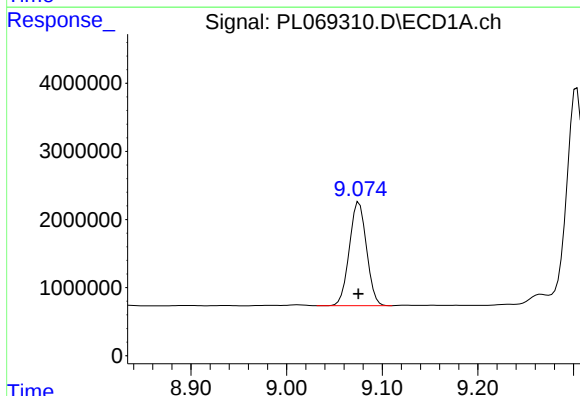
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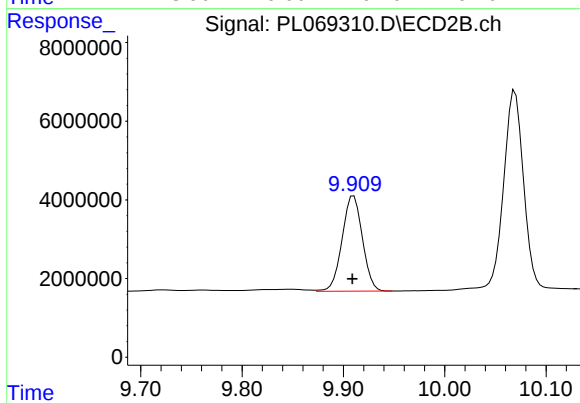
#19 Endosulfan Sulfate

R.T.: 9.571 min
Delta R.T.: 0.001 min
Response: 63719589
Conc: 56.09 ng/ml



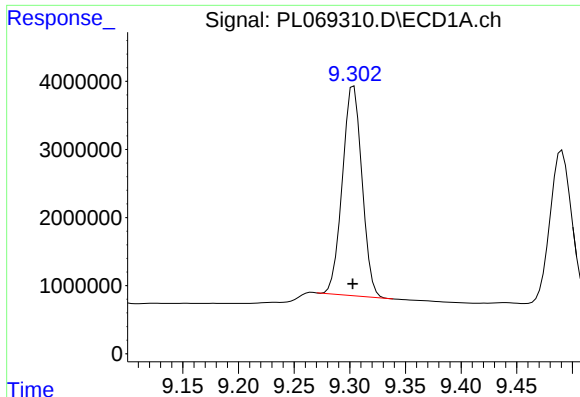
#20 Methoxychlor

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 19055221
Conc: 50.88 ng/ml



#20 Methoxychlor

R.T.: 9.910 min
Delta R.T.: 0.001 min
Response: 33758642
Conc: 52.58 ng/ml



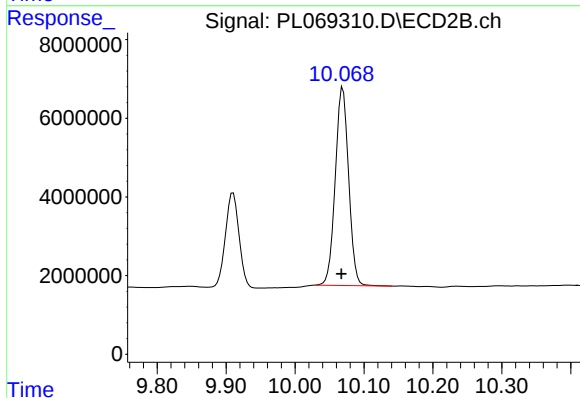
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: 0.001 min
Response: 37681036
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

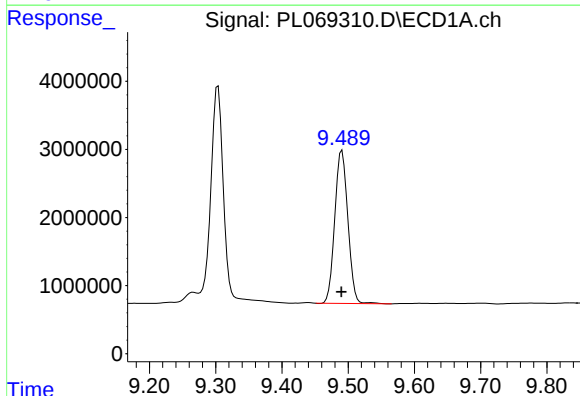
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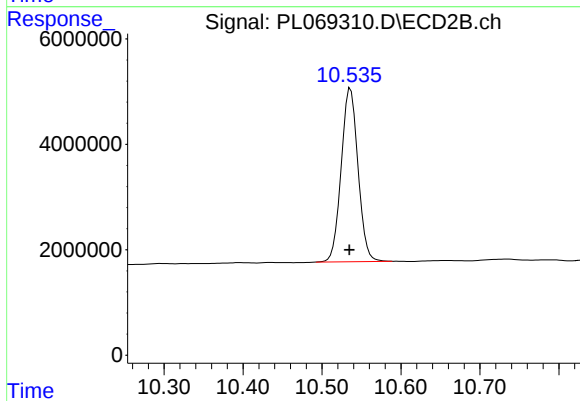
#21 Endrin ketone

R.T.: 10.069 min
Delta R.T.: 0.002 min
Response: 67679594
Conc: 52.31 ng/ml



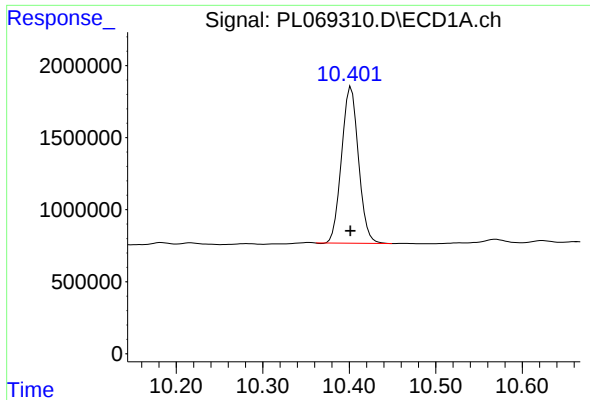
#22 Mirex

R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 30846206
Conc: 51.86 ng/ml



#22 Mirex

R.T.: 10.536 min
Delta R.T.: 0.001 min
Response: 48677262
Conc: 51.94 ng/ml



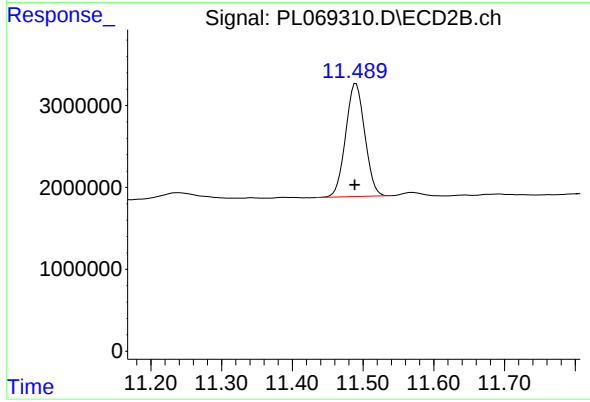
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: 0.000 min
Response: 14668056
Conc: 21.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB138599BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.490 min
Delta R.T.: 0.002 min
Response: 25972255
Conc: 21.19 ng/ml