

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082121\
 Data File : PL069279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 14:18
 Operator : AR\AJ
 Sample : M3419-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SWCS-03-1015MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 02:37:29 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...	4.636	5.570	11782603	35715781	25.538	24.933
28)	SA Decachlor...	10.406	11.496	11642429	22863748	17.249	18.656
Target Compounds							
2)	A alpha-BHC	5.343	6.150	36109150	99698550	56.410	50.969
3)	MA gamma-BHC...	5.766	6.547	35042682	90981383	54.849	49.579
4)	MA Heptachlor	6.176	7.196	33542680	74740934	48.431	41.013
5)	MB Aldrin	6.501	7.568	34963350	75298384	56.666	45.303
6)	B beta-BHC	6.145	6.800	18366667	43831990	58.714	46.641
7)	B delta-BHC	6.406	7.068	21173321	54664398	34.058	29.598
8)	B Heptachlo...	7.078	8.034	33637203	66579365	54.188	44.261
9)	A Endosulfan I	7.481	8.440	30971758	58541078	52.314	42.325
10)	B gamma-Chl...	7.356	8.302	35312727	66821571	55.172	43.438m
11)	B alpha-Chl...	7.425	8.383	33828959	63115146	51.916	42.241m
12)	B 4,4'-DDE	7.639	8.571	32580244	63007625	57.607	45.043
13)	MA Dieldrin	7.766	8.728	33366816	61568411	54.949m	43.846m
14)	MA Endrin	8.058	8.969	35546747	51290986	61.549	43.699 #
15)	B Endosulfa...	8.368	9.202	27896557	49543527	50.209	41.869
16)	A 4,4'-DDD	8.224	9.111	34934557	66992033	68.690	54.616
17)	MA 4,4'-DDT	8.485	9.429	35372855	66222553	61.454	54.052
18)	B Endrin al...	8.557	9.337	9095664	16810431	20.054	17.673
19)	B Endosulfa...	8.788	9.575	27343178	46896955	46.055	41.279
20)	A Methoxychlor	9.079	9.915	16351236	27452649	43.656	42.762
21)	B Endrin ke...	9.307	10.073	30120997	50307431	43.410	38.883
22)	Mirex	9.495	10.541	26224274	43381136	44.092	46.288

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082121\
Data File : PL069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2021 14:18
Operator : AR\AJ
Sample : M3419-10MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

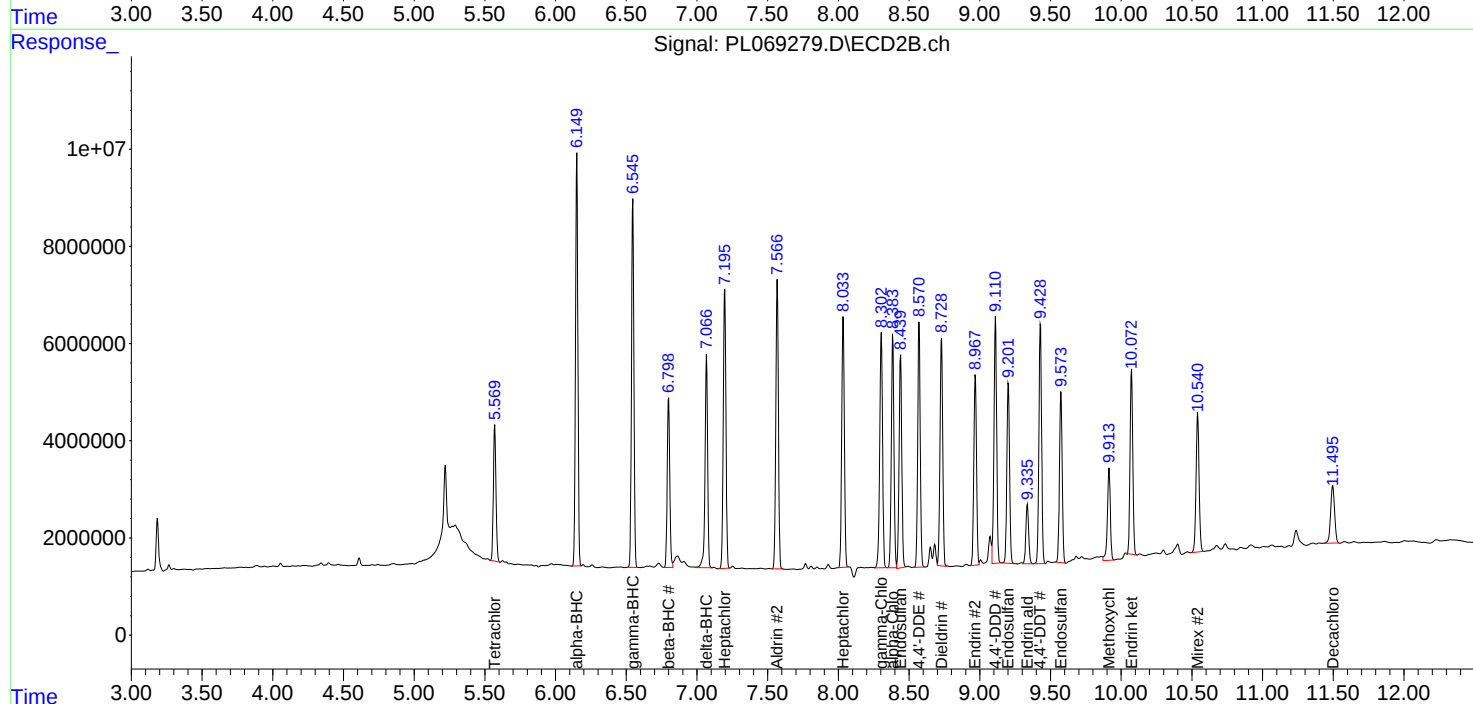
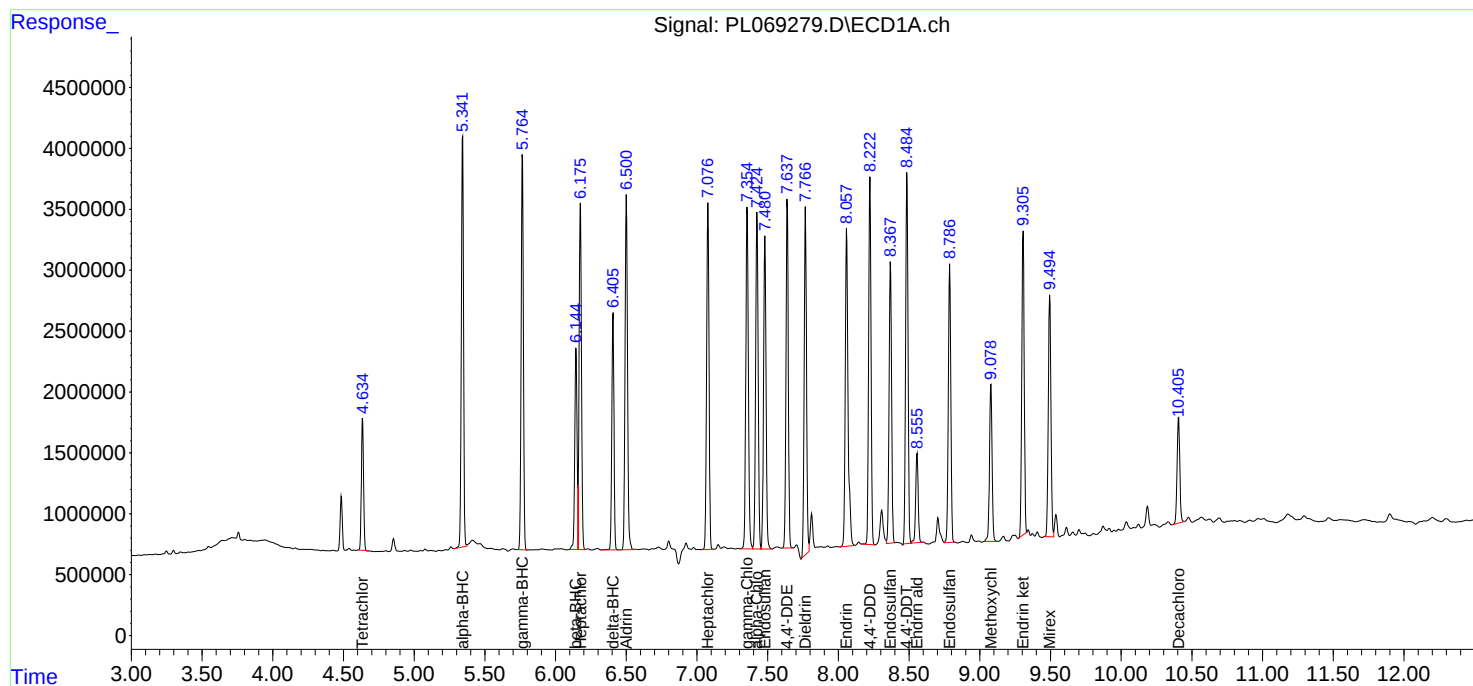
Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

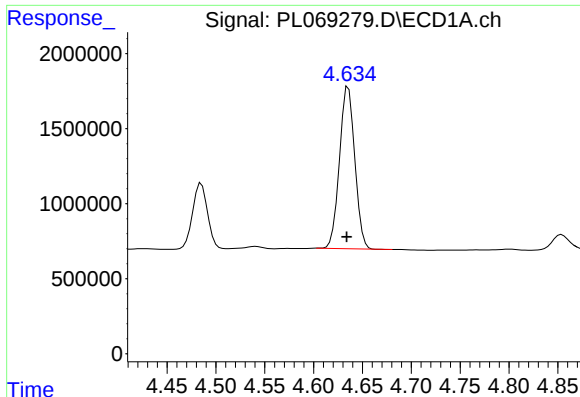
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 02:37:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082021.M
Quant Title : GC Extractables
QLast Update : Sat Aug 21 02:23:37 2021
Response via : Initial Calibration
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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





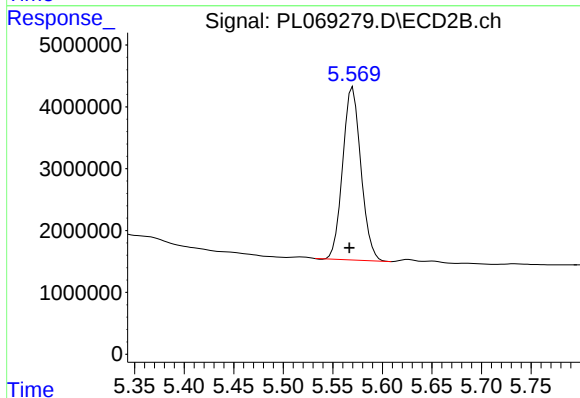
#1 Tetrachloro-m-xylene

R.T.: 4.636 min
Delta R.T.: 0.002 min
Response: 11782603
Conc: 25.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

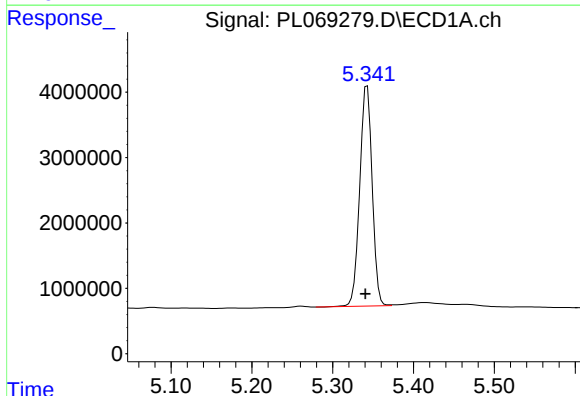
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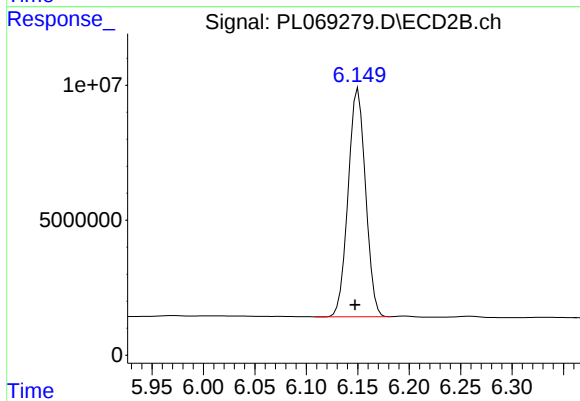
#1 Tetrachloro-m-xylene

R.T.: 5.570 min
Delta R.T.: 0.003 min
Response: 35715781
Conc: 24.93 ng/ml



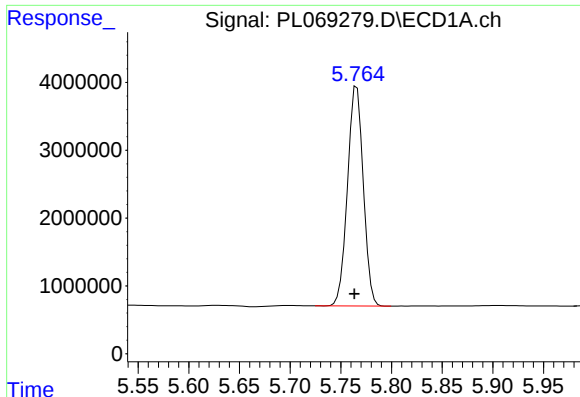
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: 0.002 min
Response: 36109150
Conc: 56.41 ng/ml



#2 alpha-BHC

R.T.: 6.150 min
Delta R.T.: 0.003 min
Response: 99698550
Conc: 50.97 ng/ml



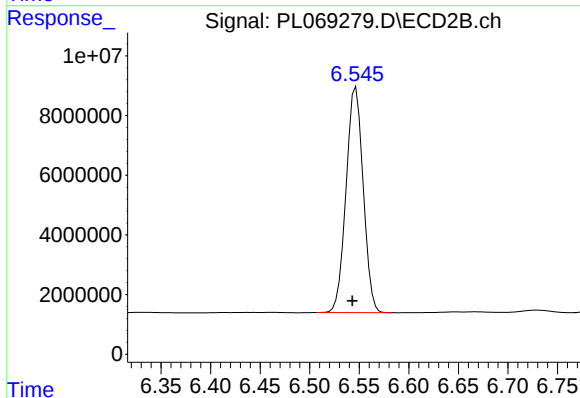
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 35042682
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

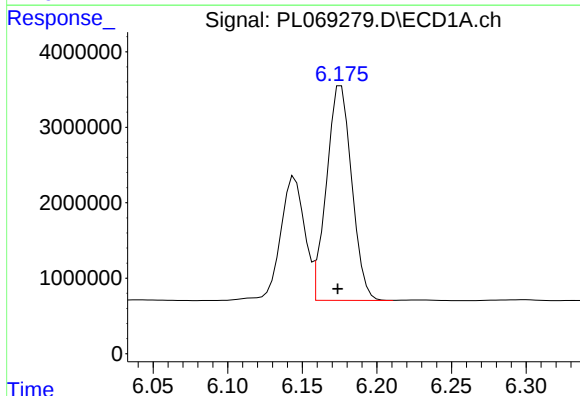
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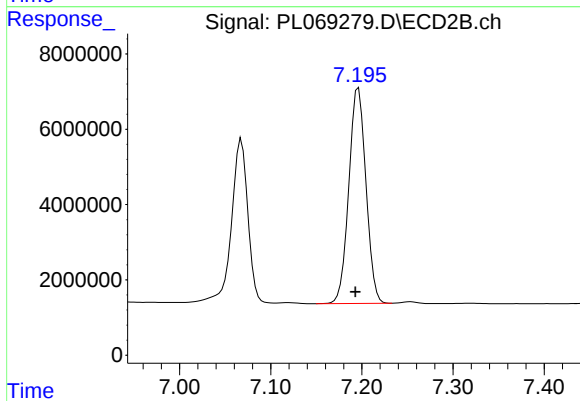
#3 gamma-BHC (Lindane)

R.T.: 6.547 min
Delta R.T.: 0.004 min
Response: 90981383
Conc: 49.58 ng/ml



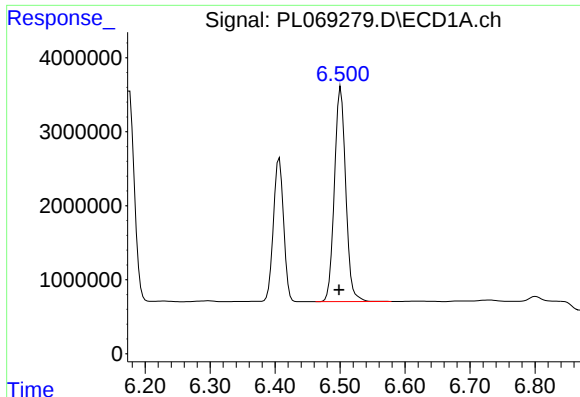
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: 0.002 min
Response: 33542680
Conc: 48.43 ng/ml



#4 Heptachlor

R.T.: 7.196 min
Delta R.T.: 0.003 min
Response: 74740934
Conc: 41.01 ng/ml



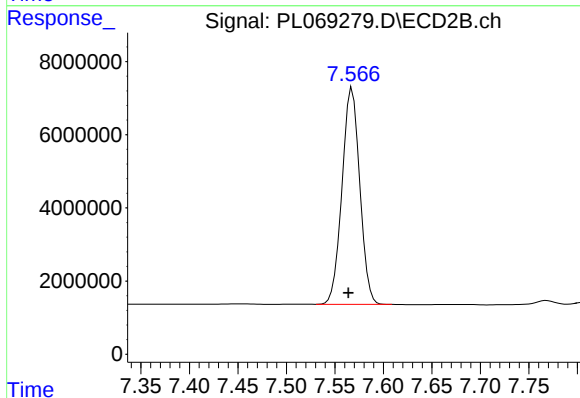
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: 0.003 min
Response: 34963350
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

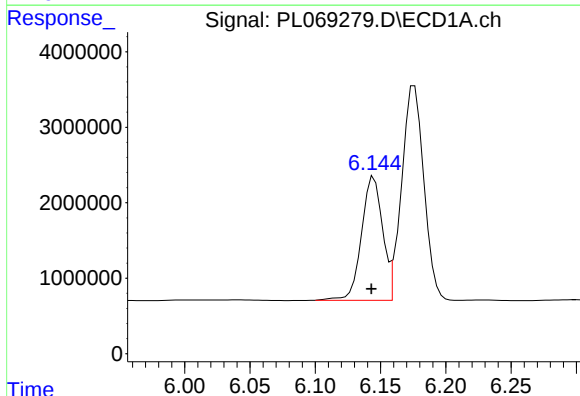
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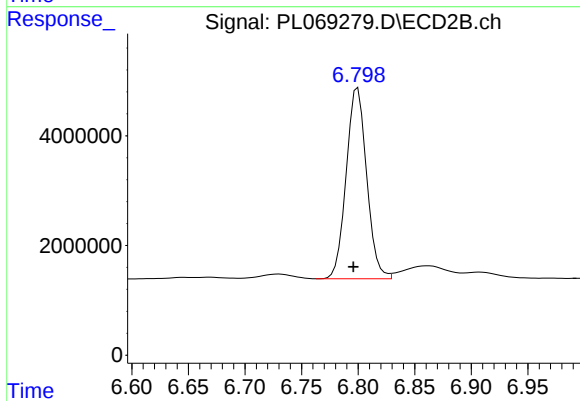
#5 Aldrin

R.T.: 7.568 min
Delta R.T.: 0.004 min
Response: 75298384
Conc: 45.30 ng/ml



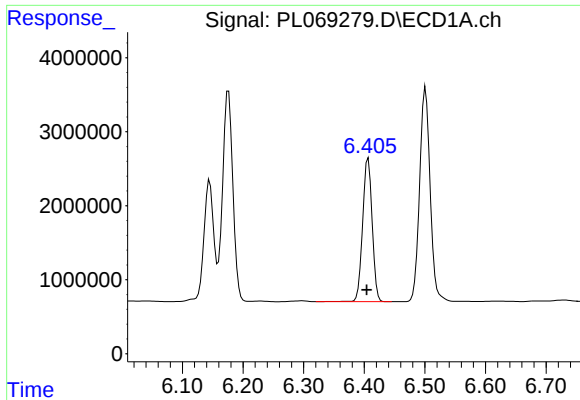
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 18366667
Conc: 58.71 ng/ml



#6 beta-BHC

R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 43831990
Conc: 46.64 ng/ml



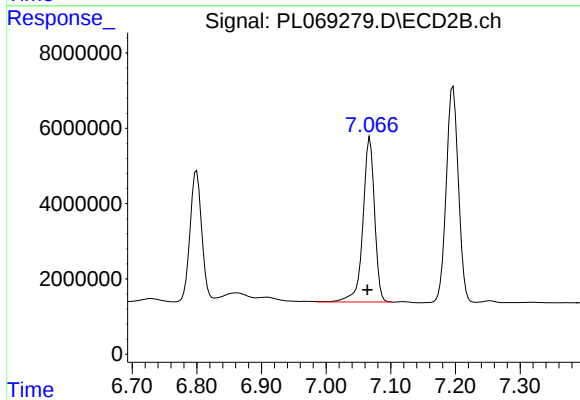
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: 0.002 min
Response: 21173321
Conc: 34.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

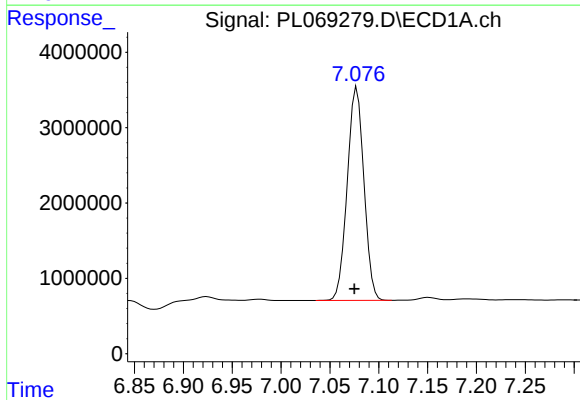
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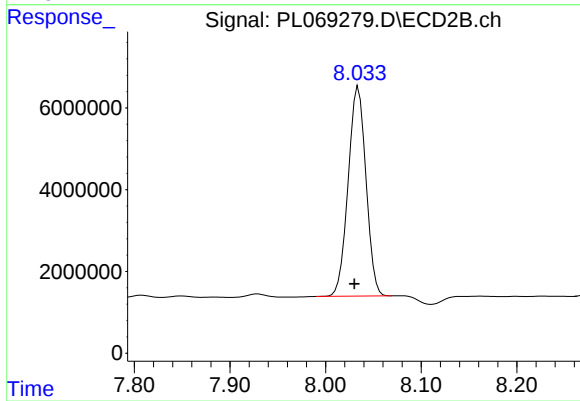
#7 delta-BHC

R.T.: 7.068 min
Delta R.T.: 0.004 min
Response: 54664398
Conc: 29.60 ng/ml



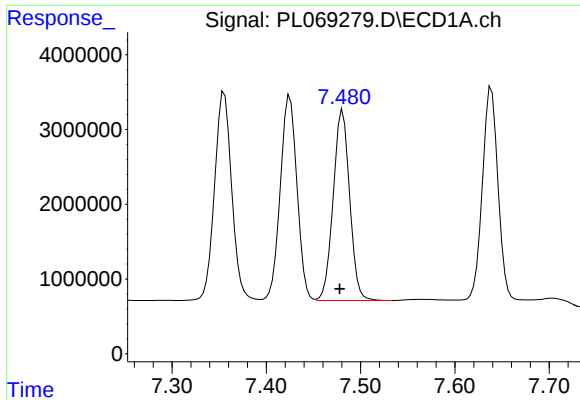
#8 Heptachlor epoxide

R.T.: 7.078 min
Delta R.T.: 0.003 min
Response: 33637203
Conc: 54.19 ng/ml



#8 Heptachlor epoxide

R.T.: 8.034 min
Delta R.T.: 0.004 min
Response: 66579365
Conc: 44.26 ng/ml



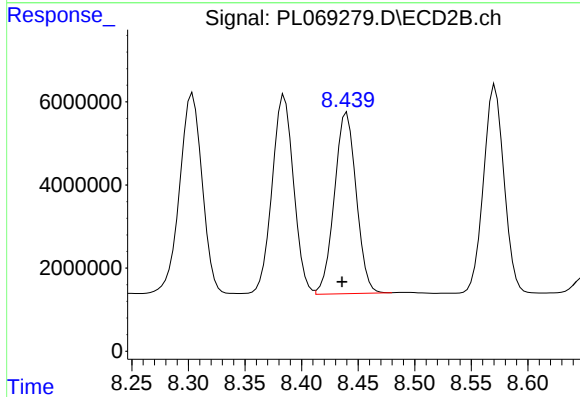
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 30971758
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

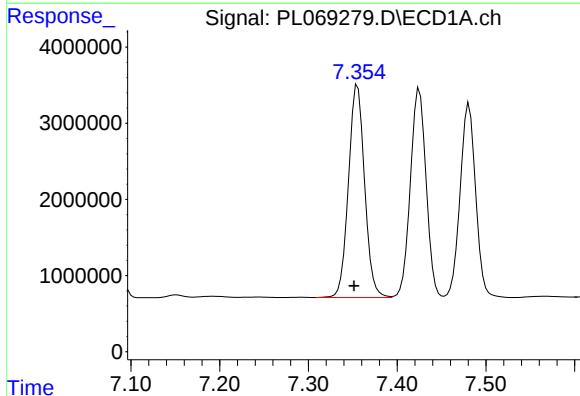
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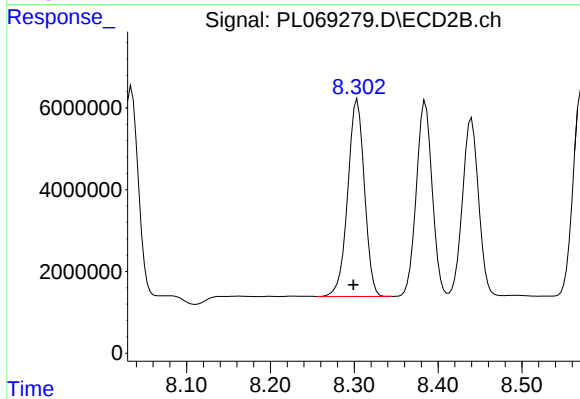
#9 Endosulfan I

R.T.: 8.440 min
Delta R.T.: 0.004 min
Response: 58541078
Conc: 42.33 ng/ml



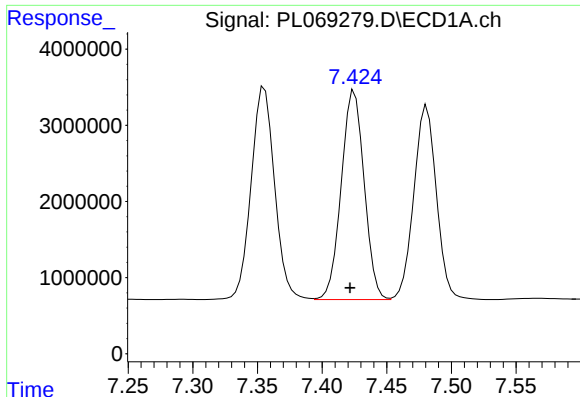
#10 gamma-Chlordane

R.T.: 7.356 min
Delta R.T.: 0.004 min
Response: 35312727
Conc: 55.17 ng/ml



#10 gamma-Chlordane

R.T.: 8.302 min
Delta R.T.: 0.003 min
Response: 66821571
Conc: 43.44 ng/ml m



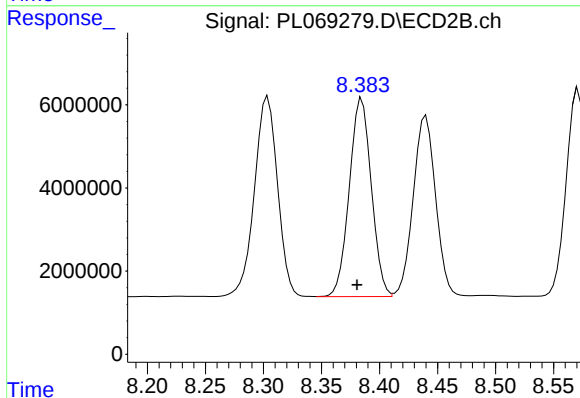
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: 0.003 min
Response: 33828959
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

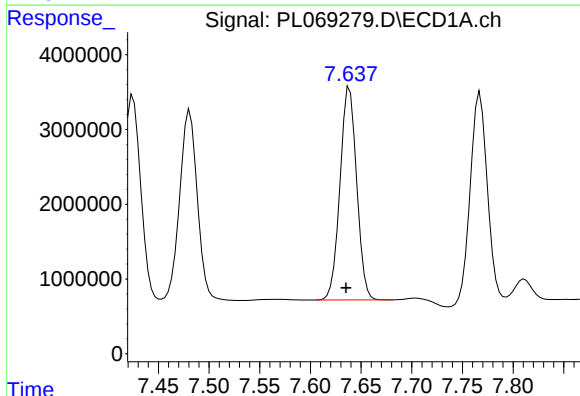
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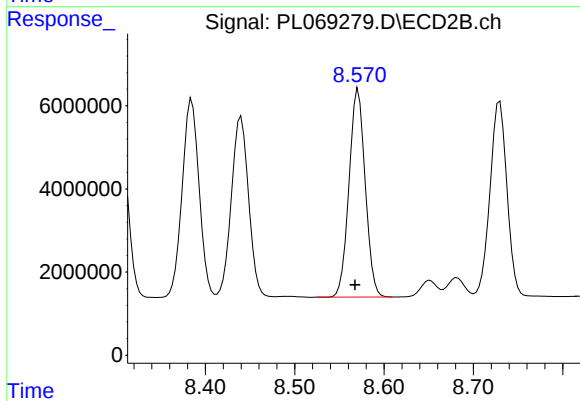
#11 alpha-Chlordane

R.T.: 8.383 min
Delta R.T.: 0.003 min
Response: 63115146
Conc: 42.24 ng/ml m



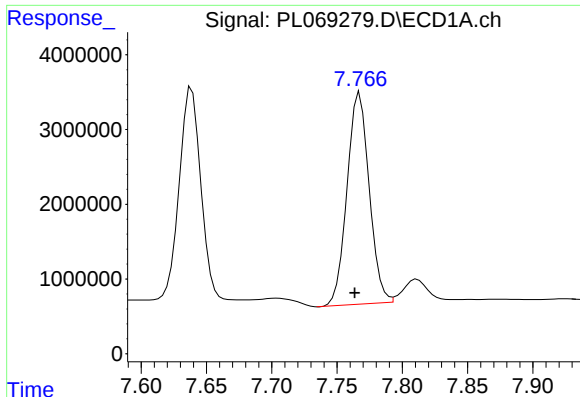
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: 0.003 min
Response: 32580244
Conc: 57.61 ng/ml



#12 4,4'-DDE

R.T.: 8.571 min
Delta R.T.: 0.004 min
Response: 63007625
Conc: 45.04 ng/ml



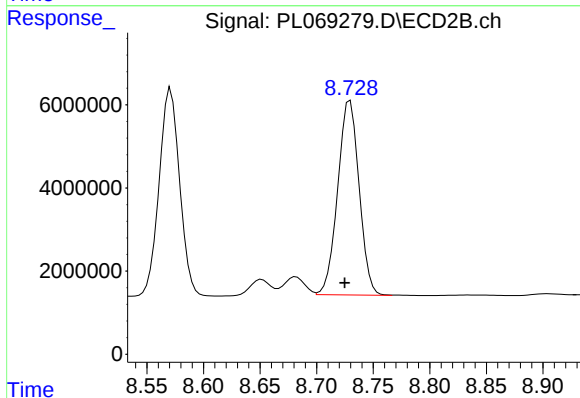
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: 0.002 min
Response: 33366816
Conc: 54.95 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

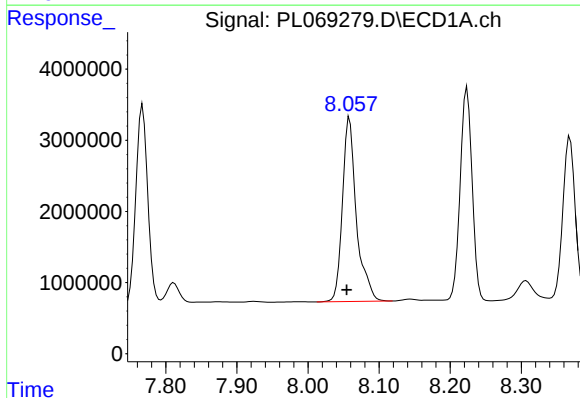
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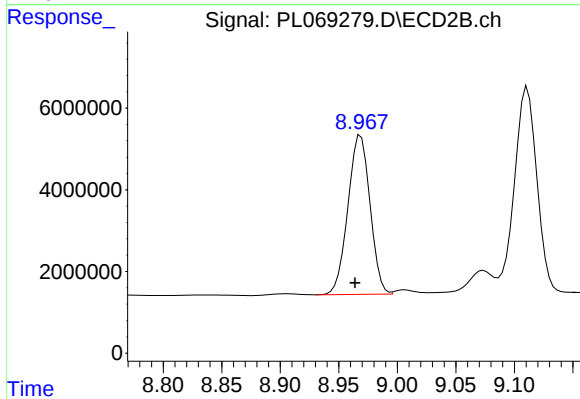
#13 Dieldrin

R.T.: 8.728 min
Delta R.T.: 0.004 min
Response: 61568411
Conc: 43.85 ng/ml m



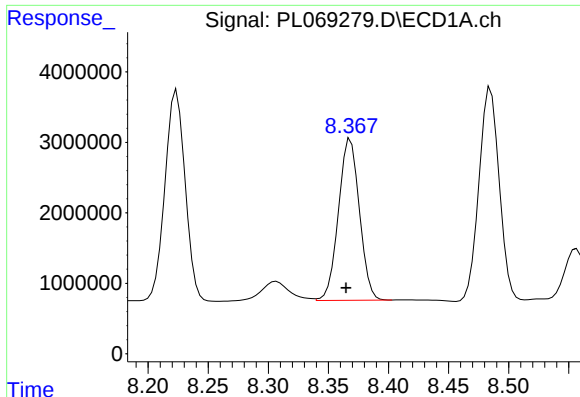
#14 Endrin

R.T.: 8.058 min
Delta R.T.: 0.004 min
Response: 35546747
Conc: 61.55 ng/ml



#14 Endrin

R.T.: 8.969 min
Delta R.T.: 0.005 min
Response: 51290986
Conc: 43.70 ng/ml



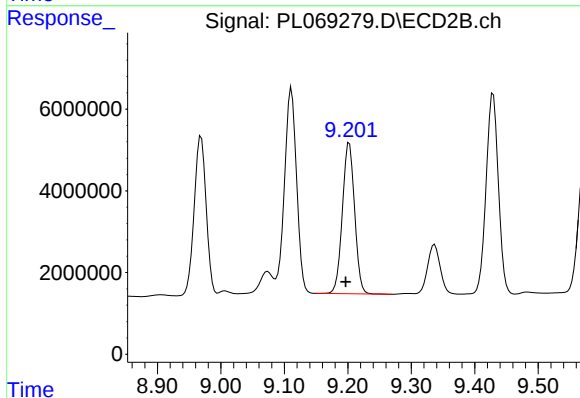
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: 0.004 min
Response: 27896557
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

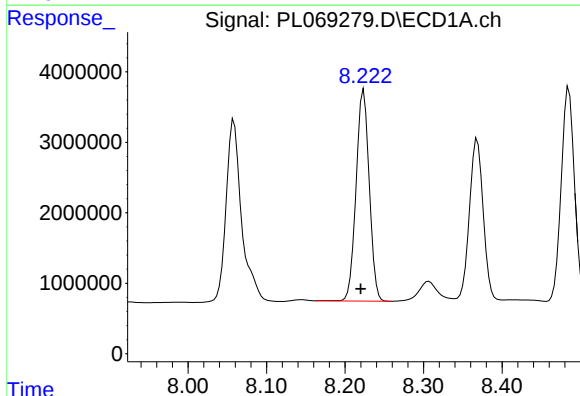
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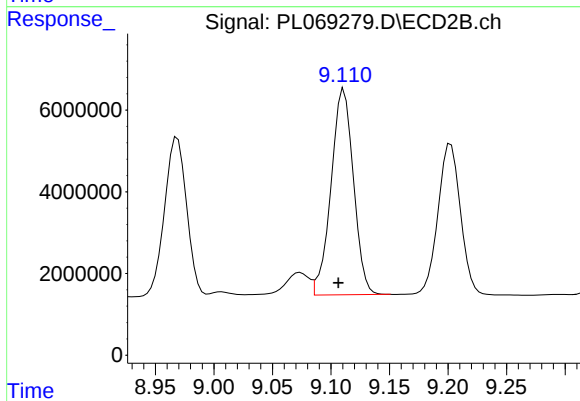
#15 Endosulfan II

R.T.: 9.202 min
Delta R.T.: 0.005 min
Response: 49543527
Conc: 41.87 ng/ml



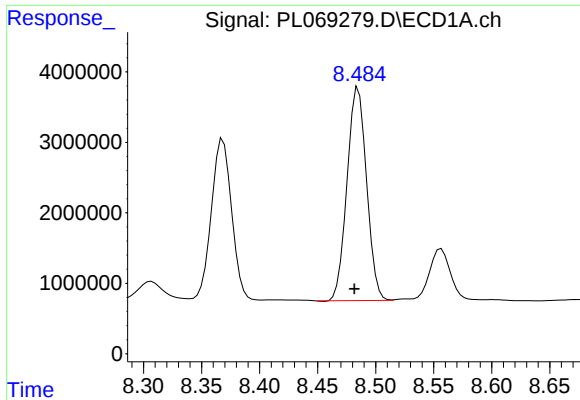
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: 0.004 min
Response: 34934557
Conc: 68.69 ng/ml



#16 4,4'-DDD

R.T.: 9.111 min
Delta R.T.: 0.005 min
Response: 66992033
Conc: 54.62 ng/ml



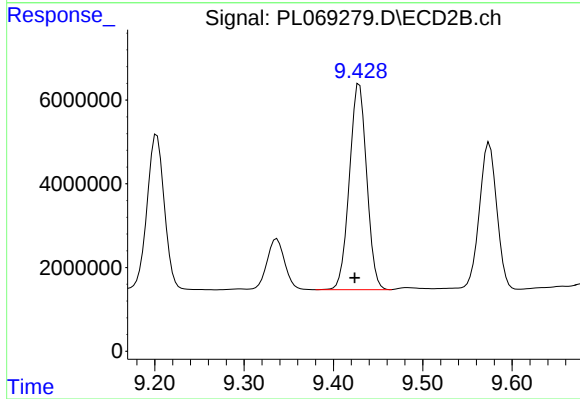
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: 0.003 min
Response: 35372855
Conc: 61.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

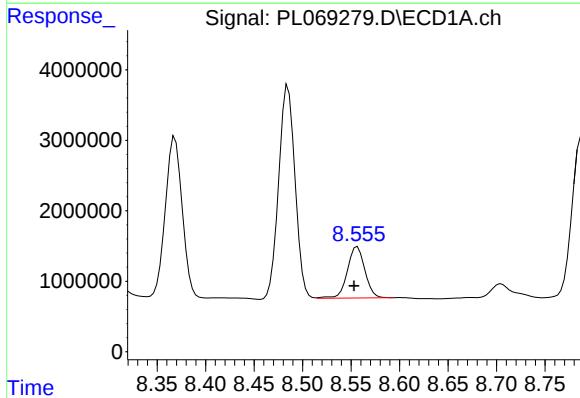
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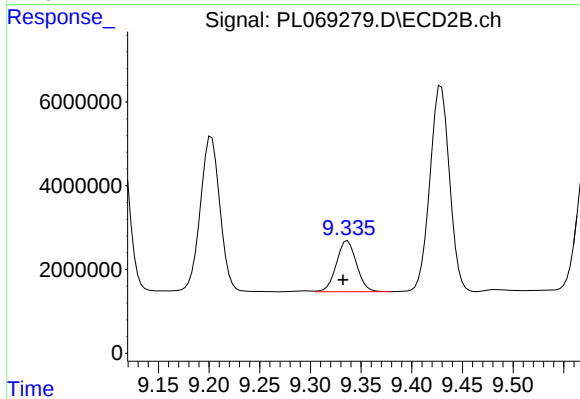
#17 4,4'-DDT

R.T.: 9.429 min
Delta R.T.: 0.005 min
Response: 66222553
Conc: 54.05 ng/ml



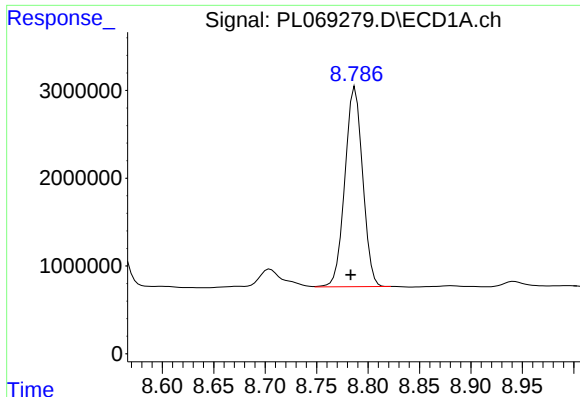
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: 0.003 min
Response: 9095664
Conc: 20.05 ng/ml



#18 Endrin aldehyde

R.T.: 9.337 min
Delta R.T.: 0.004 min
Response: 16810431
Conc: 17.67 ng/ml



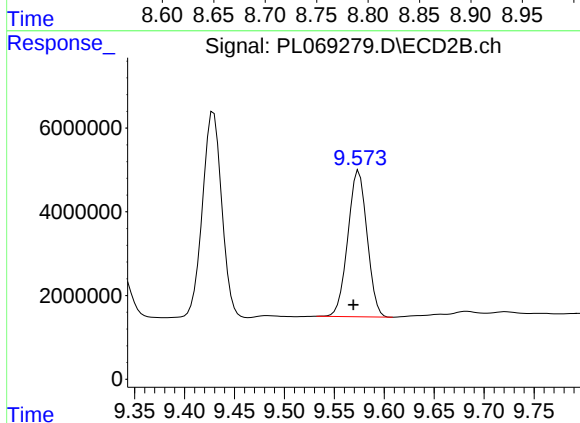
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: 0.004 min
Response: 27343178
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

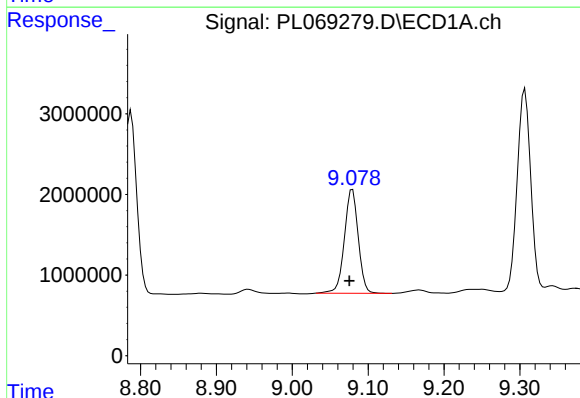
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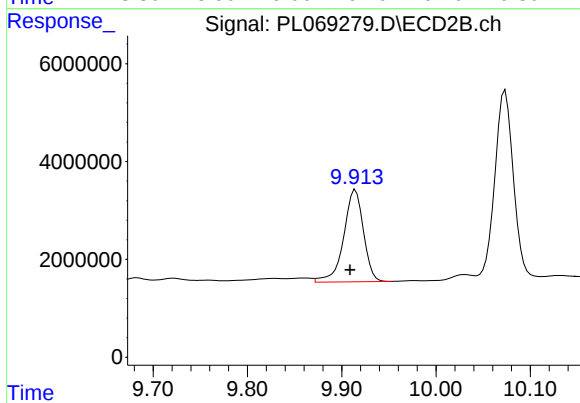
#19 Endosulfan Sulfate

R.T.: 9.575 min
Delta R.T.: 0.005 min
Response: 46896955
Conc: 41.28 ng/ml



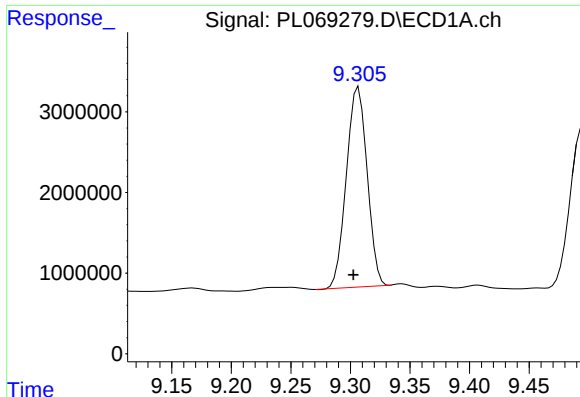
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: 0.004 min
Response: 16351236
Conc: 43.66 ng/ml



#20 Methoxychlor

R.T.: 9.915 min
Delta R.T.: 0.006 min
Response: 27452649
Conc: 42.76 ng/ml



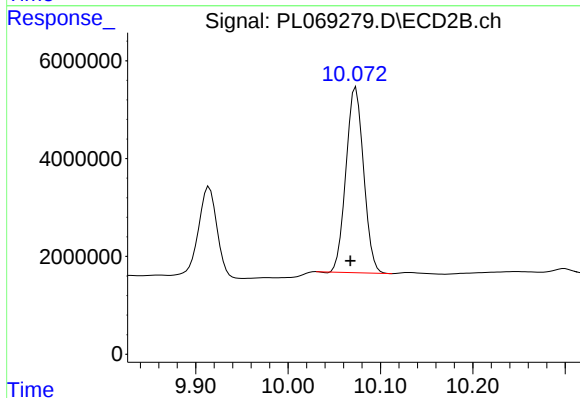
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: 0.004 min
Response: 30120997
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

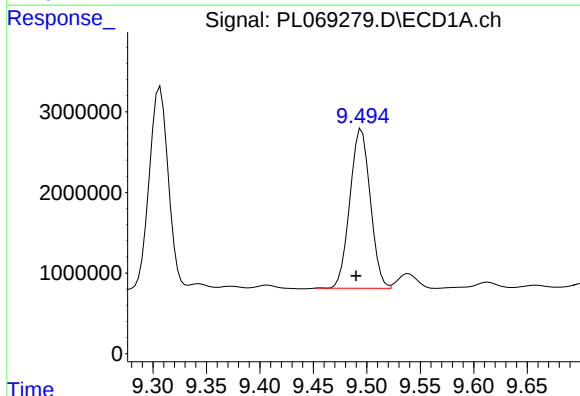
Manual Integrations
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mohammad
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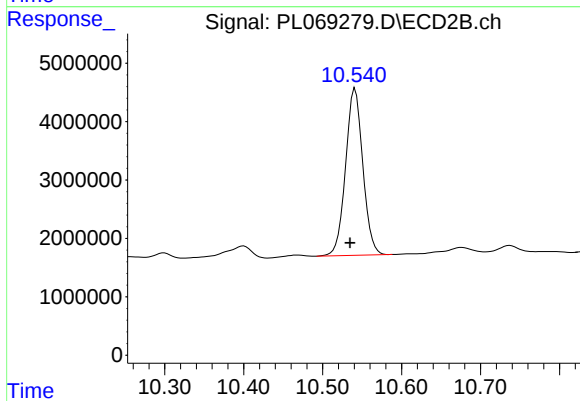
#21 Endrin ketone

R.T.: 10.073 min
Delta R.T.: 0.006 min
Response: 50307431
Conc: 38.88 ng/ml



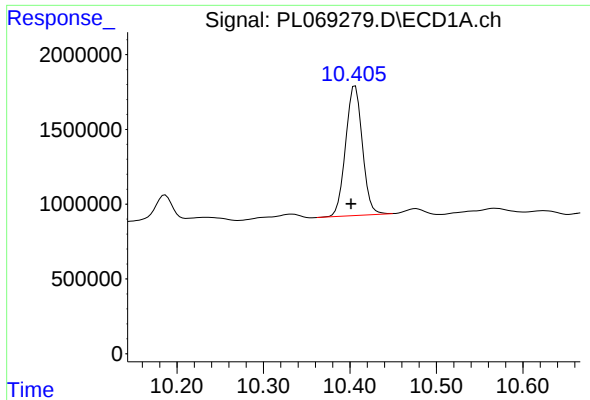
#22 Mirex

R.T.: 9.495 min
Delta R.T.: 0.005 min
Response: 26224274
Conc: 44.09 ng/ml



#22 Mirex

R.T.: 10.541 min
Delta R.T.: 0.006 min
Response: 43381136
Conc: 46.29 ng/ml



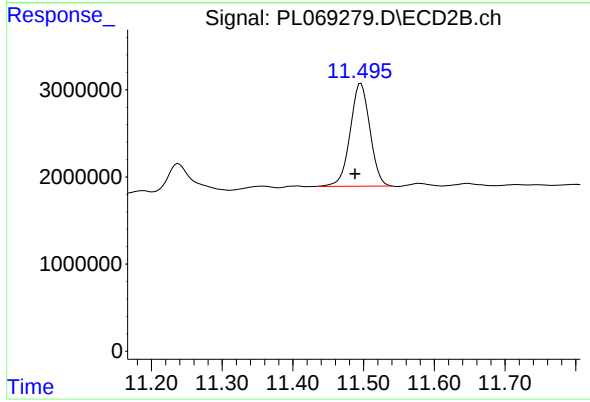
#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: 0.005 min
Response: 11642429
Conc: 17.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SWCS-03-1015MSD

Manual Integrations
APPROVED

mohammad
8/24/2021 10:24:36 AM



#28 Decachlorobiphenyl

R.T.: 11.496 min
Delta R.T.: 0.008 min
Response: 22863748
Conc: 18.66 ng/ml