

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 20:54
 Operator : AR\AJ
 Sample : N2494-01MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-1SMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/22/2022
 Supervised By : mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:26:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 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...	4.635	5.489	5318278	25371342	16.460	14.230
28) SA Decachlor...	10.406	11.331	5971250	21520635	11.482	12.184
Target Compounds						
2) A alpha-BHC	5.343	6.052	21427238	103.7E6	51.058	41.200
3) MA gamma-BHC...	5.767	6.441	20539593	79984641	48.974	33.790 #
4) MA Heptachlor	6.177	7.100	18148109	77223361	40.288	29.605 #
5) MB Aldrin	6.502	7.468	20545745	80626816	49.502	34.330 #
6) B beta-BHC	6.147	6.678	9856235	37028313	48.237	32.855 #
7) B delta-BHC	6.409	6.946	20442844	86444094	49.418	35.395 #
8) B Heptachlo...	7.079	7.925	20275726	73070839	47.270	32.453 #
9) A Endosulfan I	7.482	8.325	18839857	62232970	45.937	31.612 #
10) B gamma-Chl...	7.357	8.193	20728500	69092133	47.262	30.978 #
11) B alpha-Chl...	7.426	8.275	20550260	67284468	46.518	31.258 #
12) B 4,4'-DDE	7.640	8.460	16415851	64209587	44.997	32.239 #
13) MA Dieldrin	7.769	8.610	18834633	64594927	43.845	32.212 #
14) MA Endrin	8.059	8.845	18061782	54411351	44.462	32.126 #
15) B Endosulfa...	8.370	9.068	18954398	56652925	45.988	32.611 #
16) A 4,4'-DDD	8.225	8.987	13623141	46203298	42.187	30.029 #
17) MA 4,4'-DDT	8.486	9.306	13650793	45959699	36.930	25.927 #
18) B Endrin al...	8.558	9.201	14813634	44671965	45.784	34.586
19) B Endosulfa...	8.789	9.439	17835794	52976991	41.768	31.831
20) A Methoxychlor	9.081	9.786	8673305	26635505	34.935	27.692
21) B Endrin ke...	9.306	9.927	19339869	57404369	39.586m	33.164
22) Mirex	9.495	10.403	18000939	48252574	38.595	35.031

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042122\
 Data File : PL074280.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 20:54
 Operator : AR\AJ
 Sample : N2494-01MS
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Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

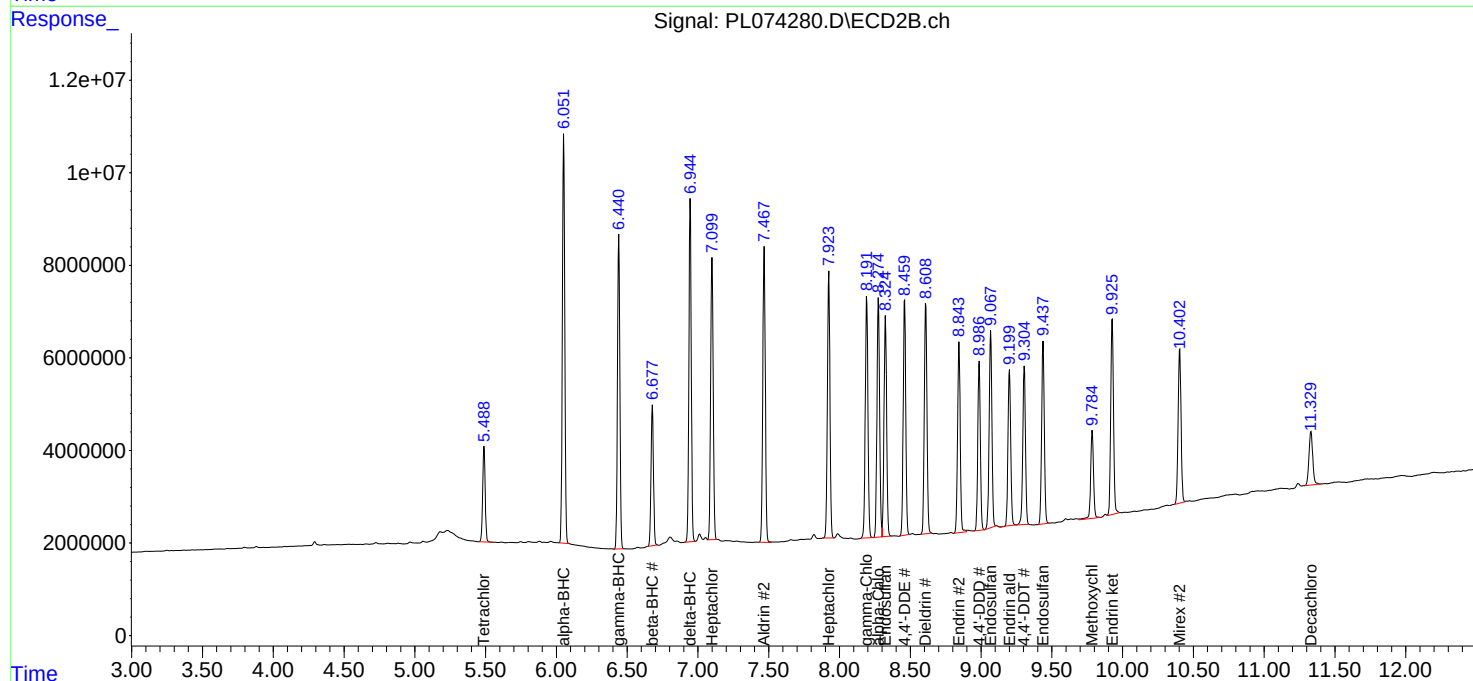
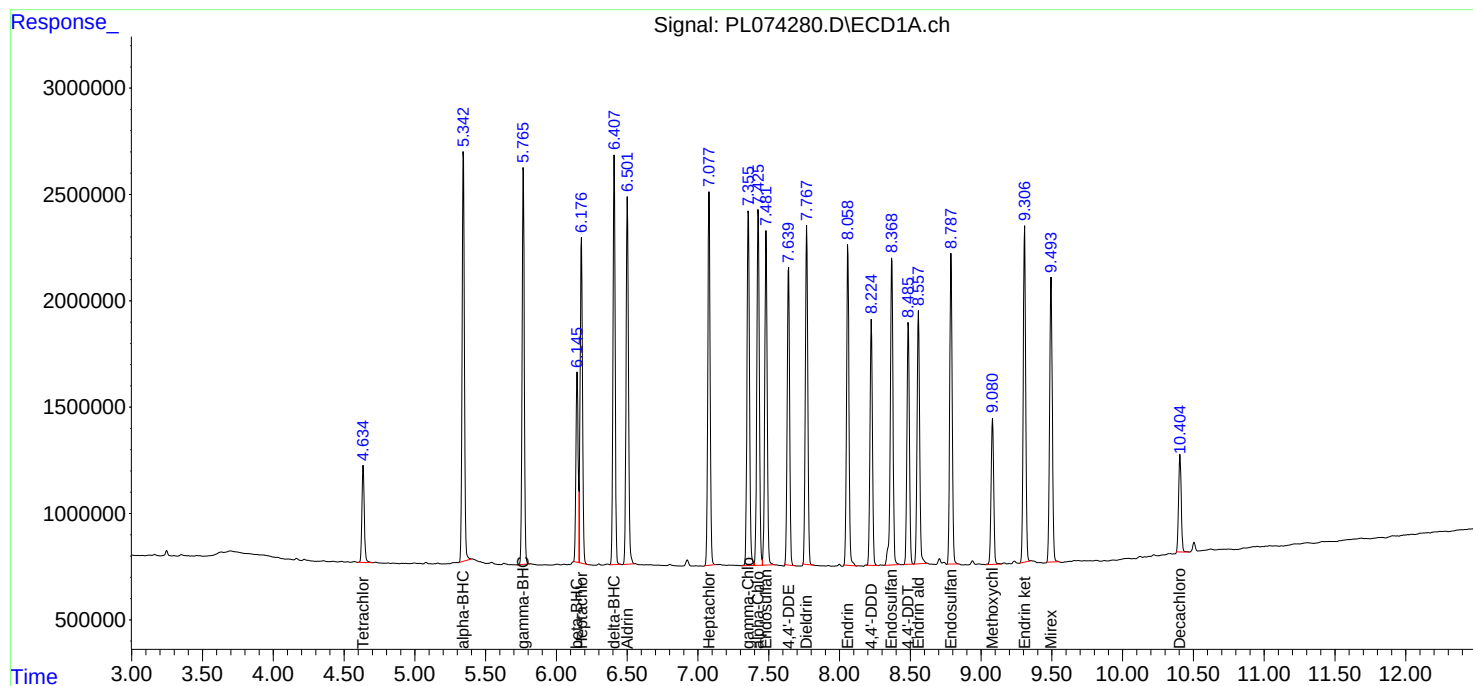
APPROVED

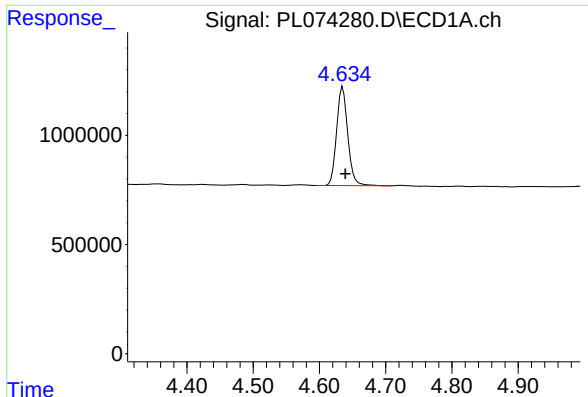
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 03:26:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





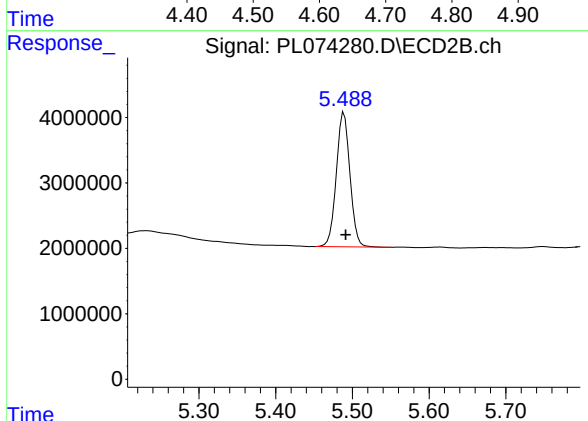
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 5318278
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

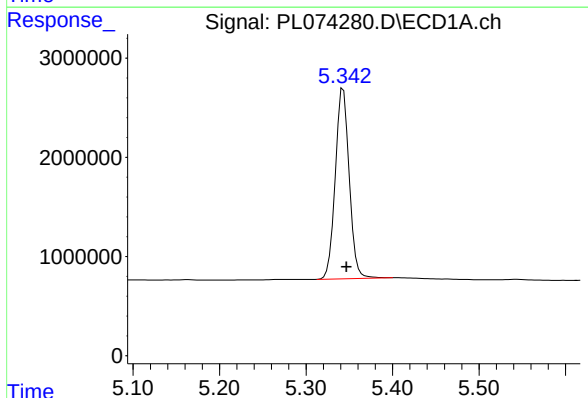
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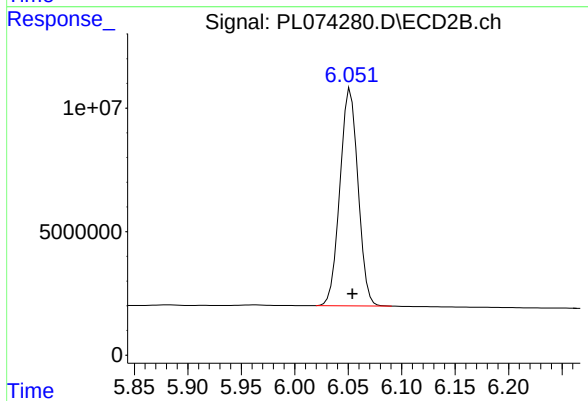
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 25371342
Conc: 14.23 ng/ml



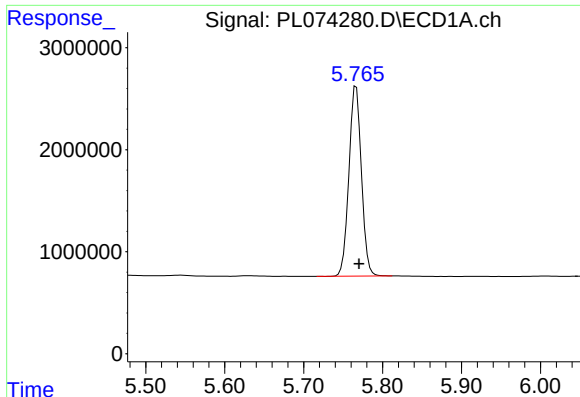
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 21427238
Conc: 51.06 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 103745726
Conc: 41.20 ng/ml



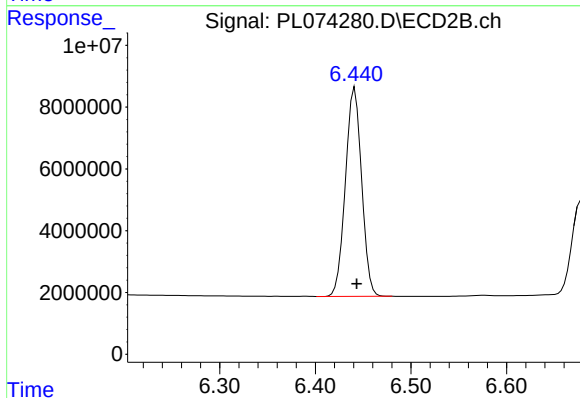
#3 gamma-BHC (Lindane)

R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 20539593
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

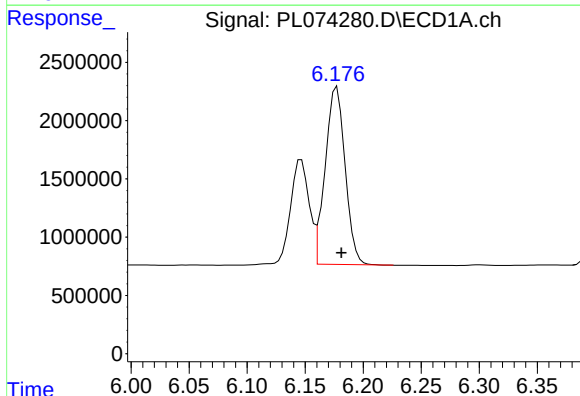
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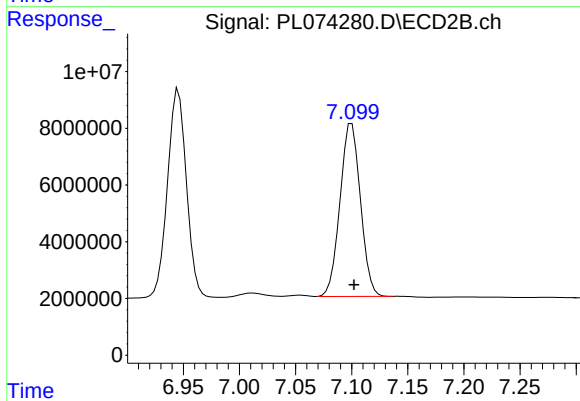
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 79984641
Conc: 33.79 ng/ml



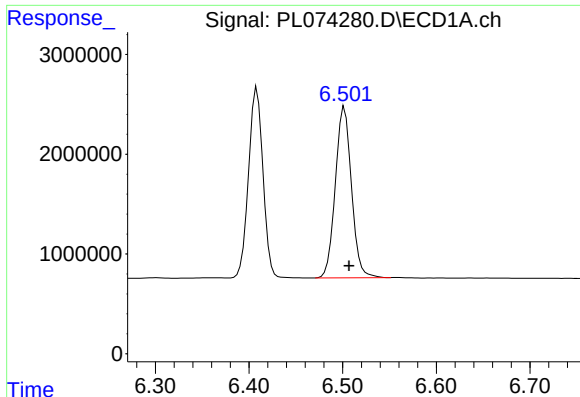
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.004 min
Response: 18148109
Conc: 40.29 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 77223361
Conc: 29.61 ng/ml



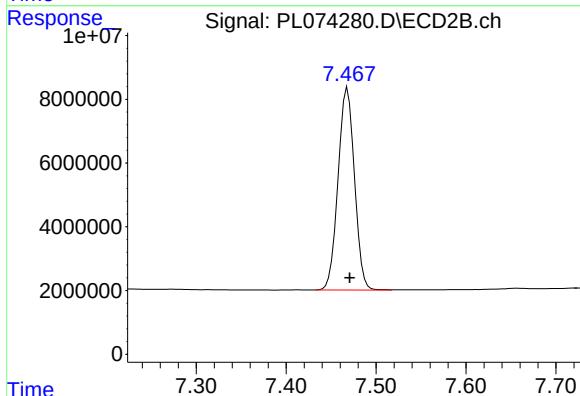
#5 Aldrin

R.T.: 6.502 min
Delta R.T.: -0.005 min
Response: 20545745
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

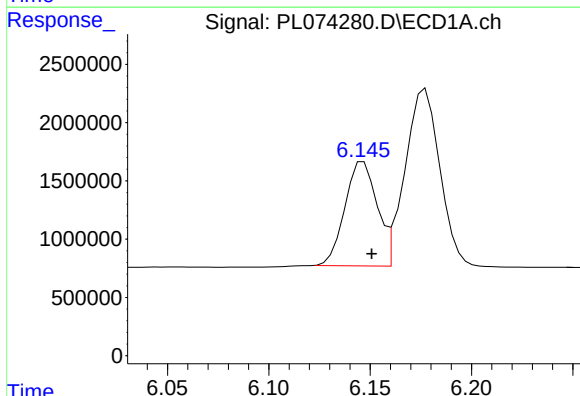
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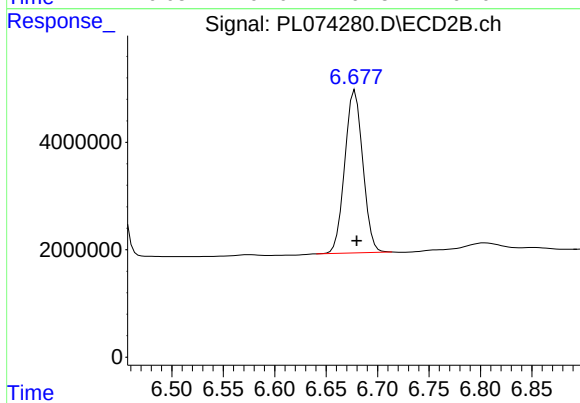
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 80626816
Conc: 34.33 ng/ml



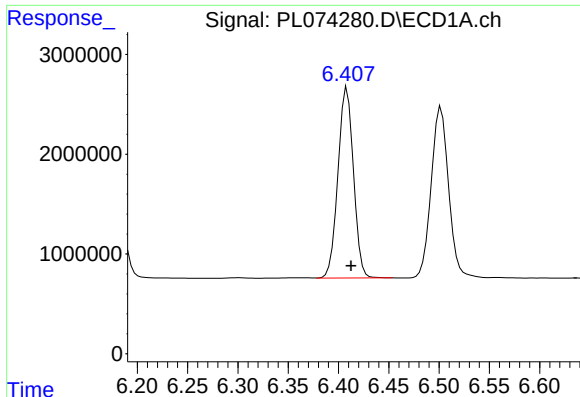
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 9856235
Conc: 48.24 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 37028313
Conc: 32.86 ng/ml



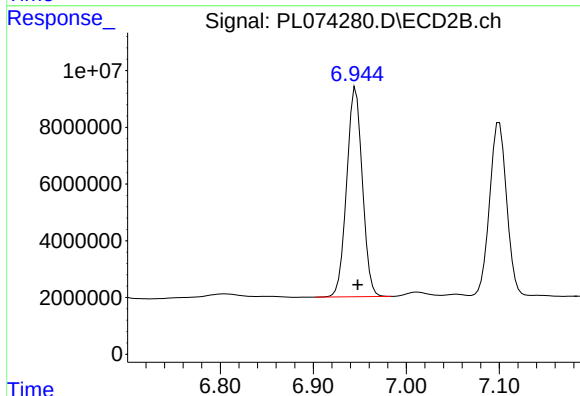
#7 delta-BHC

R.T.: 6.409 min
Delta R.T.: -0.004 min
Response: 20442844
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

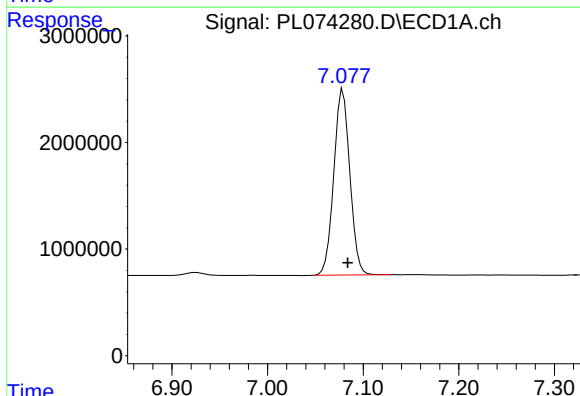
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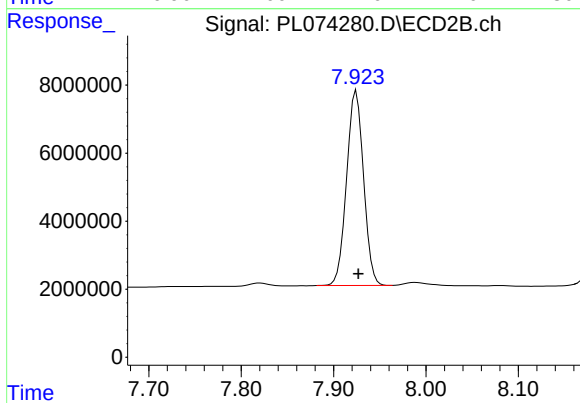
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 86444094
Conc: 35.39 ng/ml



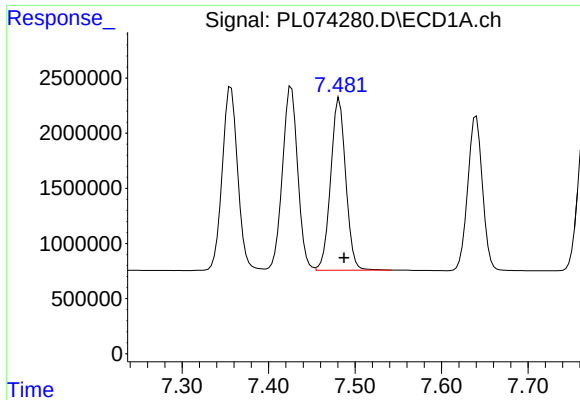
#8 Heptachlor epoxide

R.T.: 7.079 min
Delta R.T.: -0.005 min
Response: 20275726
Conc: 47.27 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 73070839
Conc: 32.45 ng/ml



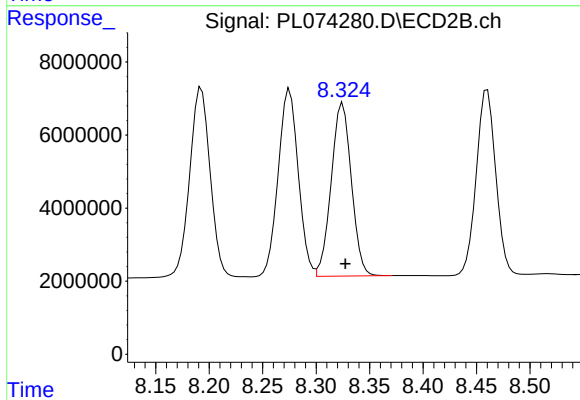
#9 Endosulfan I

R.T.: 7.482 min
Delta R.T.: -0.005 min
Response: 18839857
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

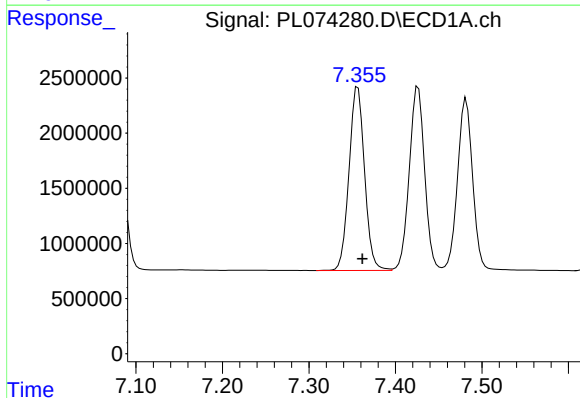
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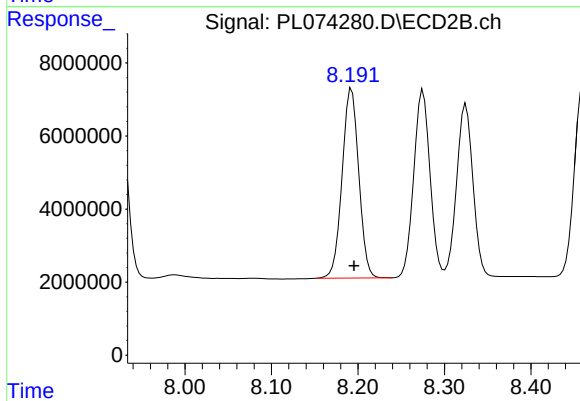
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 62232970
Conc: 31.61 ng/ml



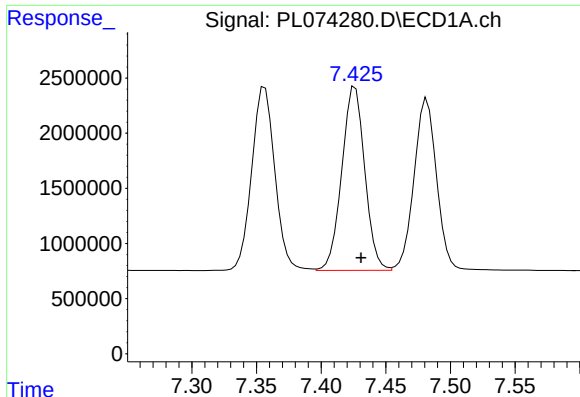
#10 gamma-Chlordane

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 20728500
Conc: 47.26 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 69092133
Conc: 30.98 ng/ml



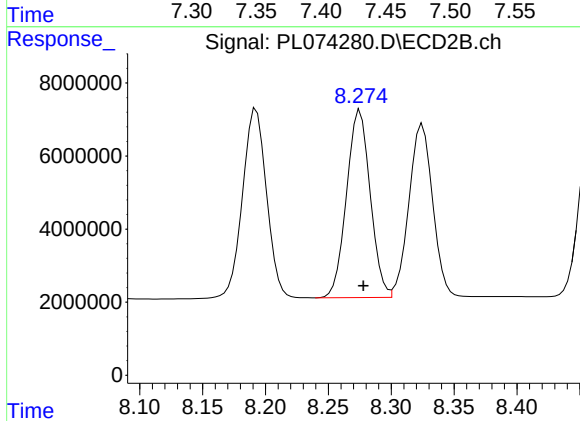
#11 alpha-Chlordane

R.T.: 7.426 min
Delta R.T.: -0.004 min
Response: 20550260
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

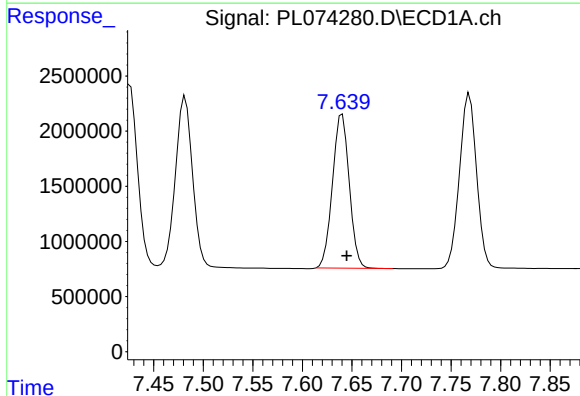
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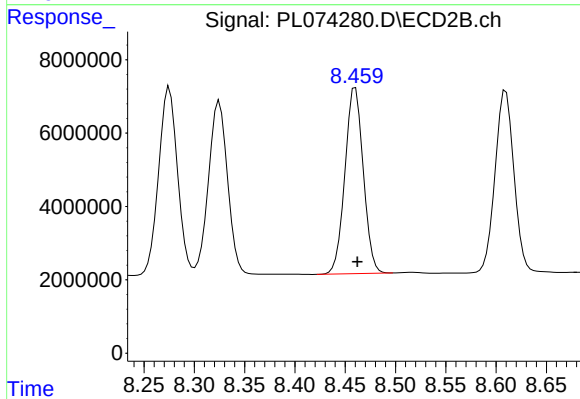
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 67284468
Conc: 31.26 ng/ml



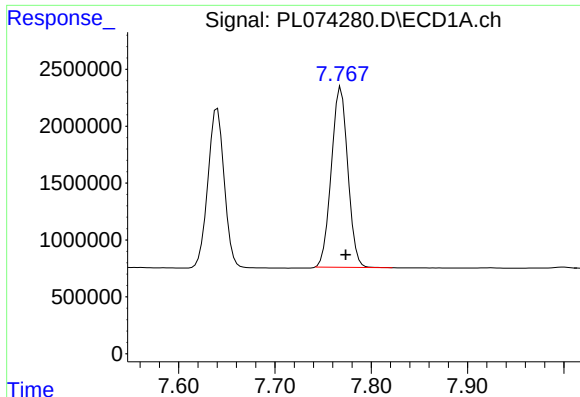
#12 4,4'-DDE

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 16415851
Conc: 45.00 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 64209587
Conc: 32.24 ng/ml



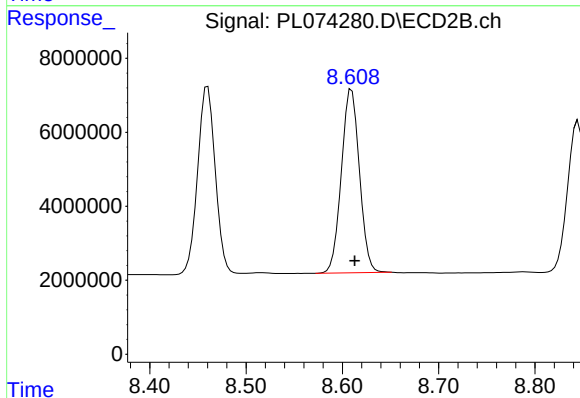
#13 Dieldrin

R.T.: 7.769 min
Delta R.T.: -0.005 min
Response: 18834633
Conc: 43.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

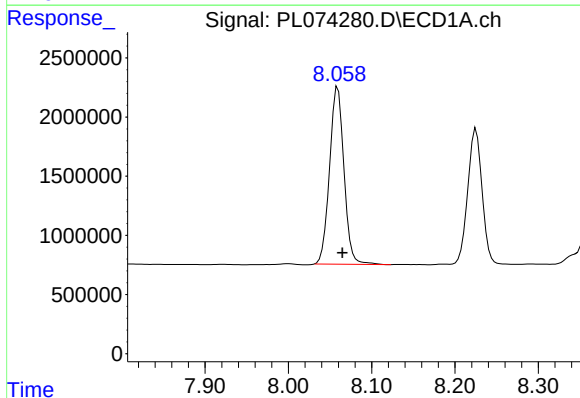
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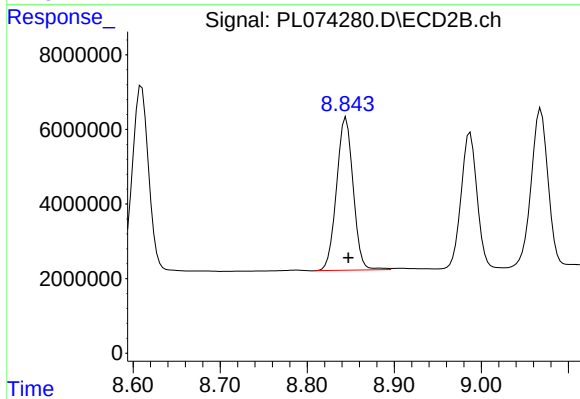
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 64594927
Conc: 32.21 ng/ml



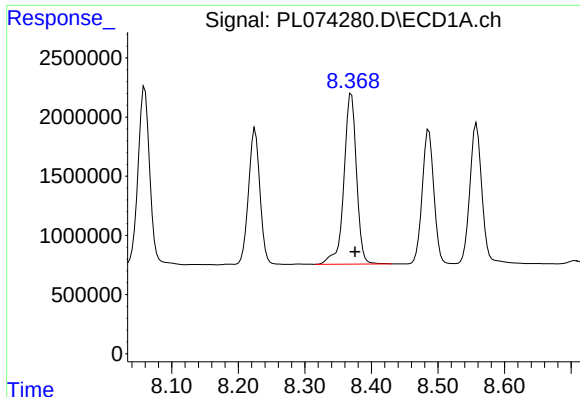
#14 Endrin

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 18061782
Conc: 44.46 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 54411351
Conc: 32.13 ng/ml



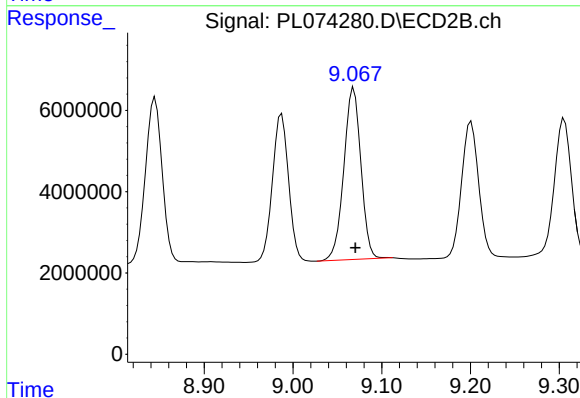
#15 Endosulfan II

R.T.: 8.370 min
Delta R.T.: -0.006 min
Response: 18954398
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

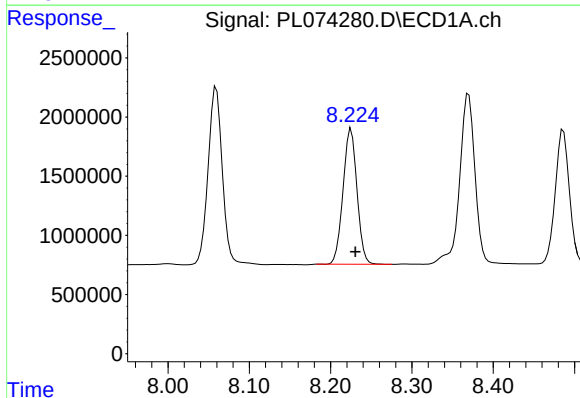
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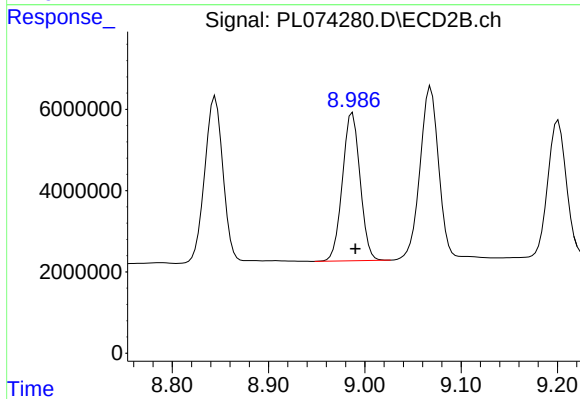
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 56652925
Conc: 32.61 ng/ml



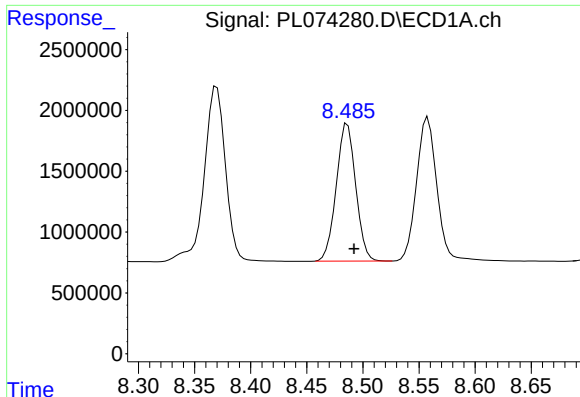
#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.005 min
Response: 13623141
Conc: 42.19 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 46203298
Conc: 30.03 ng/ml



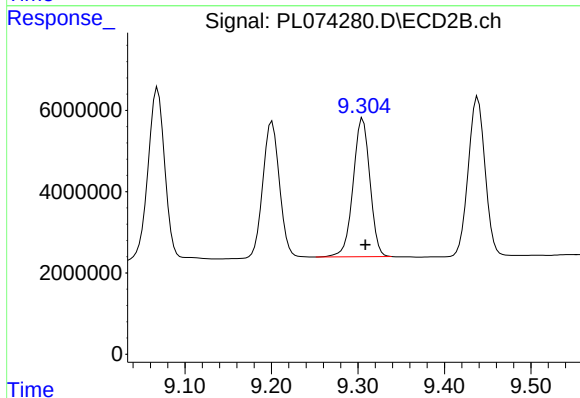
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.006 min
Response: 13650793
Conc: 36.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

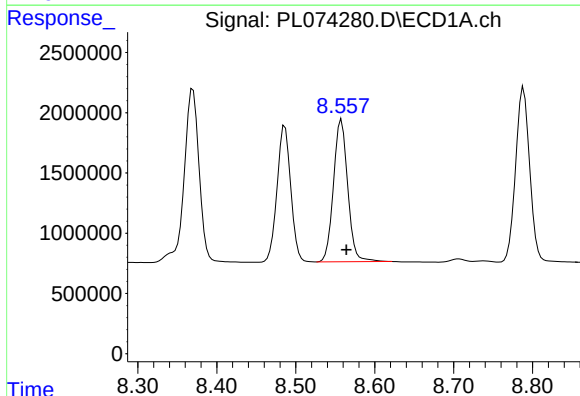
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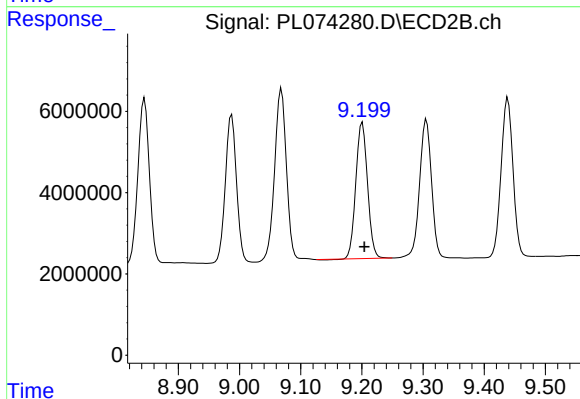
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 45959699
Conc: 25.93 ng/ml



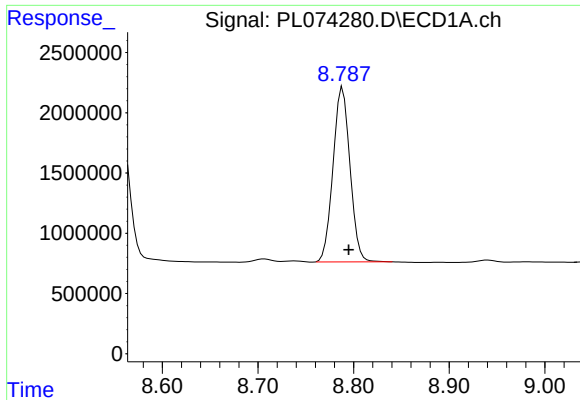
#18 Endrin aldehyde

R.T.: 8.558 min
Delta R.T.: -0.006 min
Response: 14813634
Conc: 45.78 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 44671965
Conc: 34.59 ng/ml



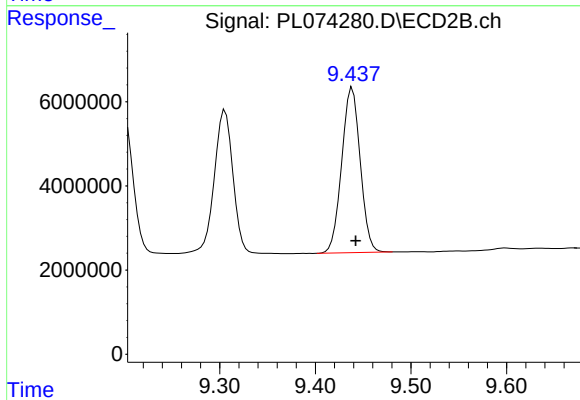
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.006 min
Response: 17835794
Conc: 41.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

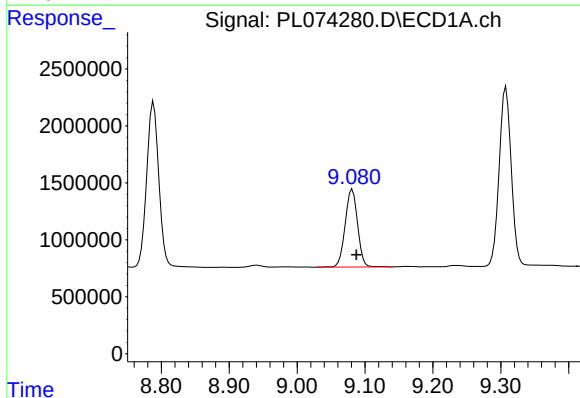
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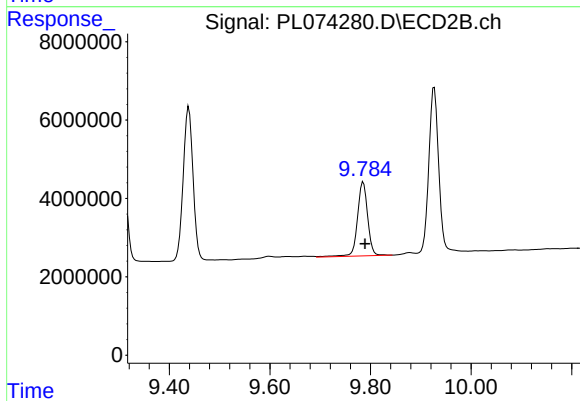
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 52976991
Conc: 31.83 ng/ml



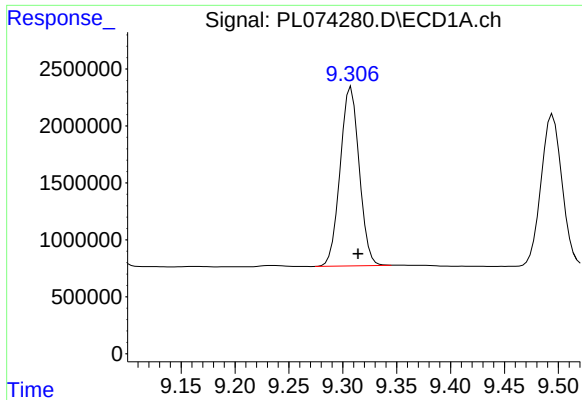
#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.006 min
Response: 8673305
Conc: 34.94 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 26635505
Conc: 27.69 ng/ml



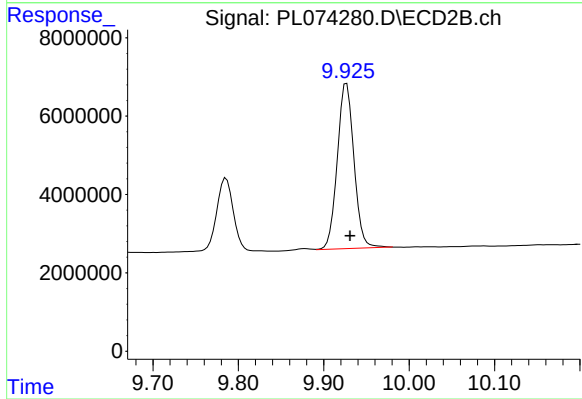
#21 Endrin ketone

R.T.: 9.306 min
Delta R.T.: -0.008 min
Response: 19339869
Conc: 39.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

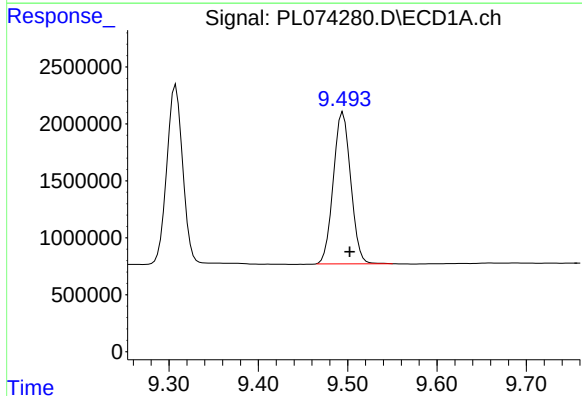
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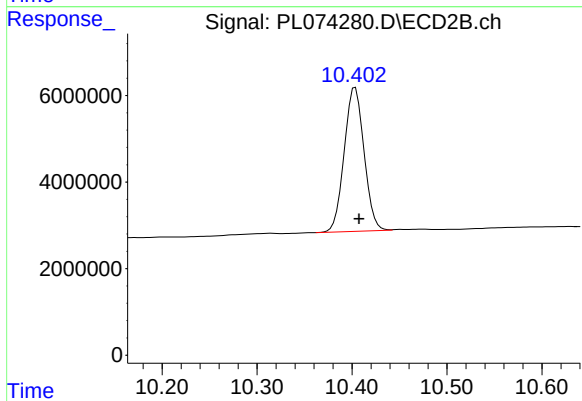
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 57404369
Conc: 33.16 ng/ml



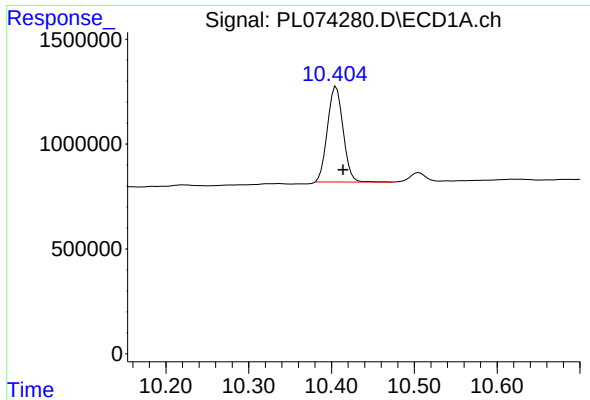
#22 Mirex

R.T.: 9.495 min
Delta R.T.: -0.008 min
Response: 18000939
Conc: 38.60 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 48252574
Conc: 35.03 ng/ml



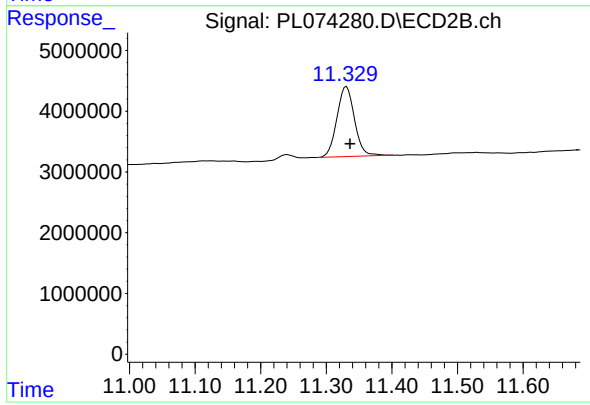
#28 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.008 min
Response: 5971250
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-1SMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 21520635
Conc: 12.18 ng/ml