

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022322\
 Data File : PL072927.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2022 10:01
 Operator : AR\AJ
 Sample : N1612-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WASTE-CHARACTERMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/04/2022
 Supervised By :Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:13:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.561	5.490	8814236	31967073	18.305	18.506
2)	SA Decachlor...	10.319	11.384	11950304	25457628	15.785	16.054
Target Compounds							
2)	A alpha-BHC	5.267	6.072	38196793	144.2E6	57.931	60.211
3)	MA gamma-BHC...	5.690	6.468	37332981	135.0E6	59.402	58.616
4)	MA Heptachlor	6.094	7.114	43731249	133.1E6	59.912m	58.460
5)	MB Aldrin	6.419	7.484	41207250	134.8E6	63.822	63.043
6)	B beta-BHC	6.075	6.728	15149710	59807903	61.139m	58.668
7)	B delta-BHC	6.333	6.994	40375942	134.3E6	60.979	58.642
8)	B Heptachlo...	6.996	7.952	39305517	119.1E6	62.345	61.730
9)	A Endosulfan I	7.398	8.357	37506076	110.0E6	64.108	62.879
10)	B gamma-Chl...	7.273	8.222	40528296	121.0E6	63.979	62.543
11)	B alpha-Chl...	7.343	8.302	40578951	118.9E6	63.725	62.599
12)	B 4,4'-DDE	7.558	8.493	39808250	117.9E6	65.506	63.080
13)	MA Dieldrin	7.685	8.646	40551103	119.0E6	64.214	63.852
14)	MA Endrin	7.976	8.886	37666149	100.1E6	64.298	63.502
15)	B Endosulfa...	8.288	9.122	36962457	102.1E6	60.754	60.728
16)	A 4,4'-DDD	8.144	9.034	32463030	94192384	67.478	68.068
17)	MA 4,4'-DDT	8.404	9.350	32073363	86926972	59.607	56.783
18)	B Endrin al...	8.477	9.257	29573493	78127374	67.847	69.417
19)	B Endosulfa...	8.708	9.495	36948453	94139394	62.088	62.928
20)	A Methoxychlor	9.000	9.839	20427717	47520434	58.095	58.692
21)	B Endrin ke...	9.225	9.991	42643354	101.7E6	62.047	63.849
22)	Mirex	9.406	10.453	40224827	81577551	67.804	69.493

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

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 Acq On : 23 Feb 2022 10:01
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 ALS Vial : 5 Sample Multiplier: 1

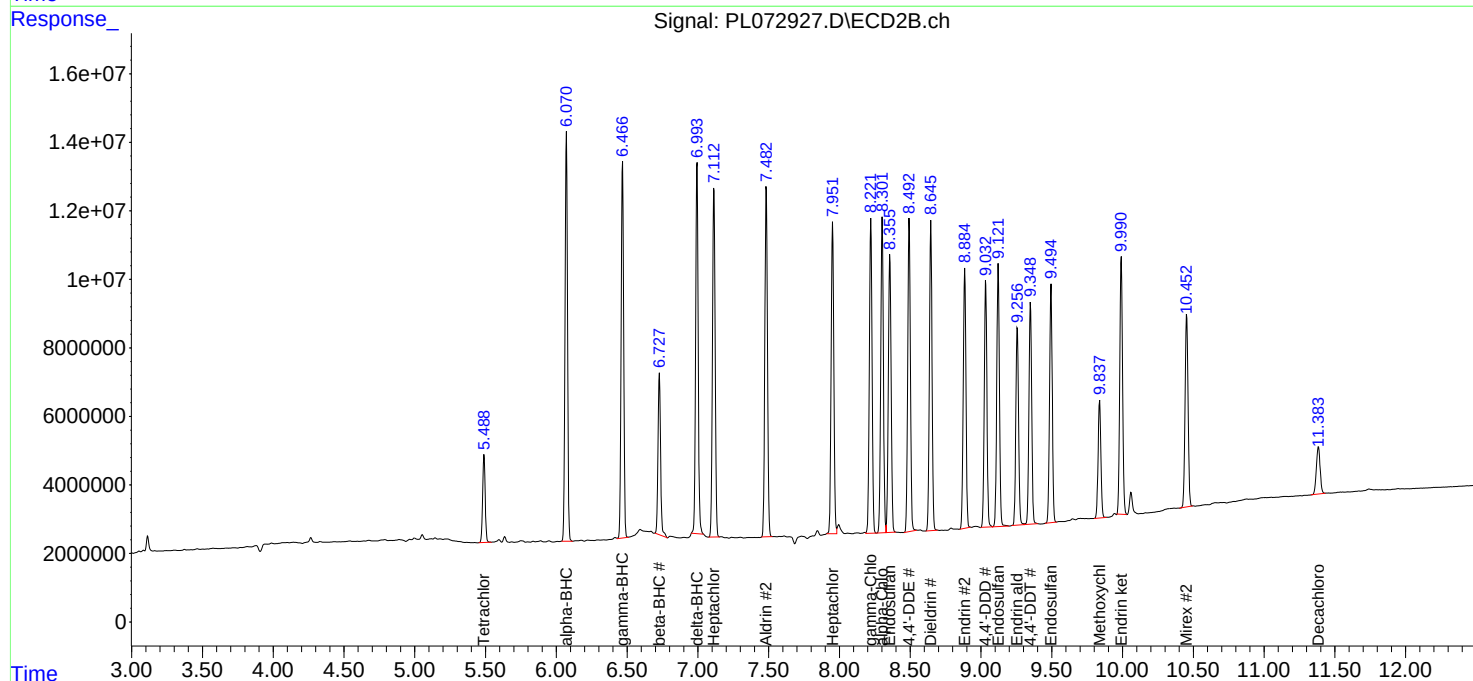
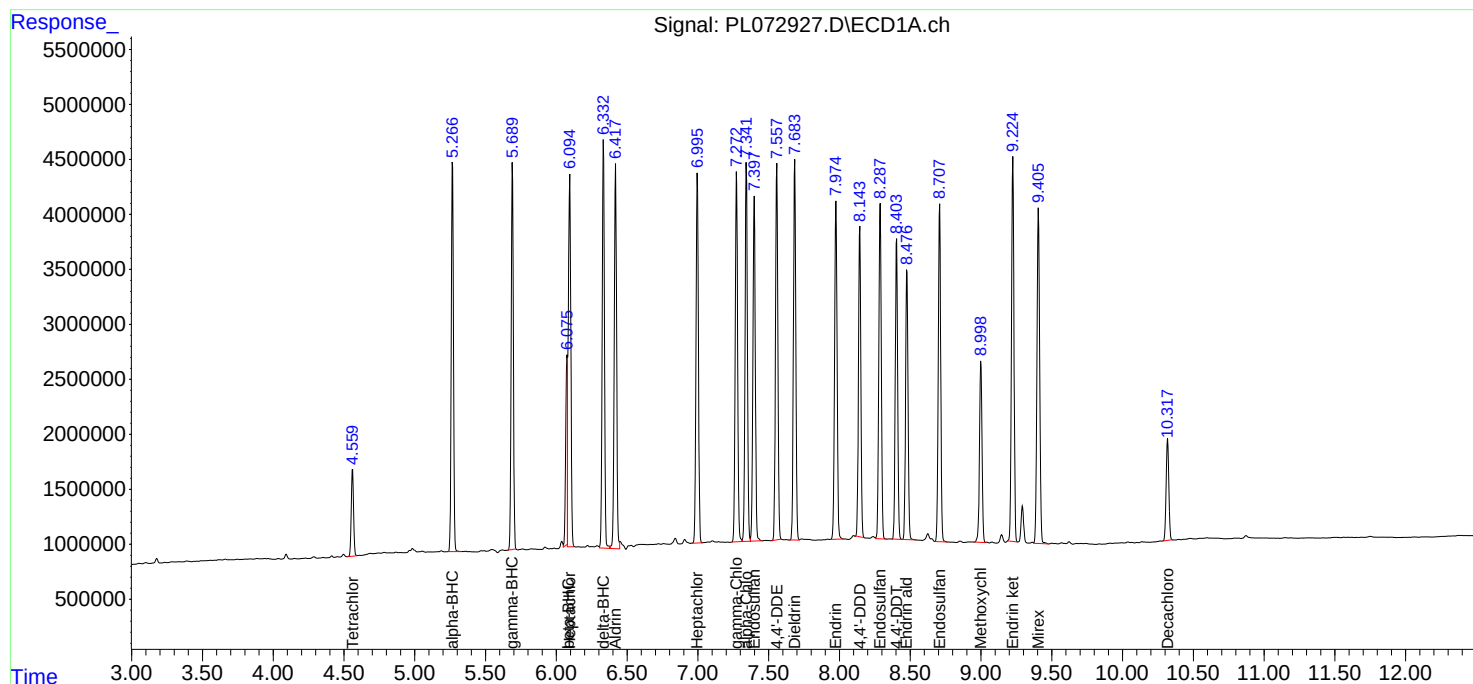
Instrument :
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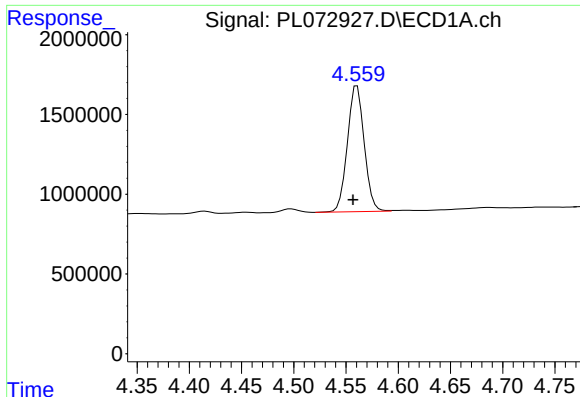
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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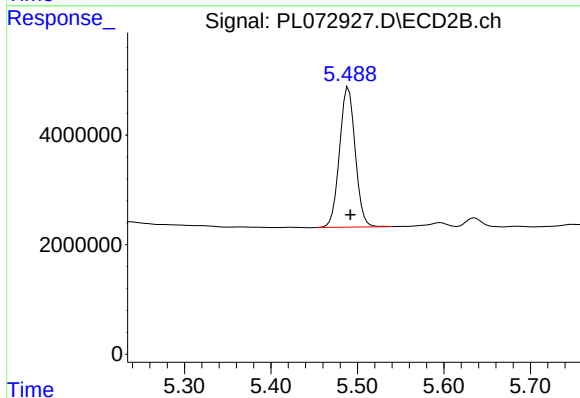
#1 Tetrachloro-m-xylene

R.T.: 4.561 min
Delta R.T.: 0.004 min
Response: 8814236
Conc: 18.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

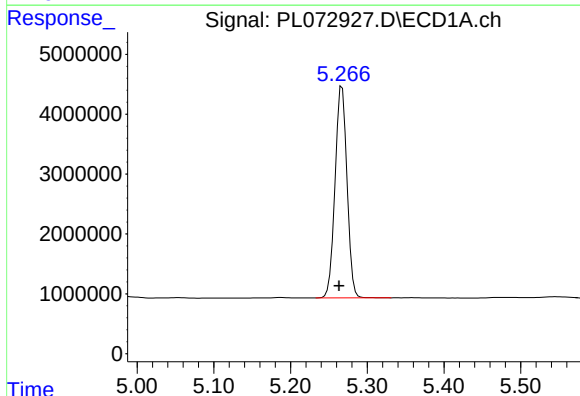
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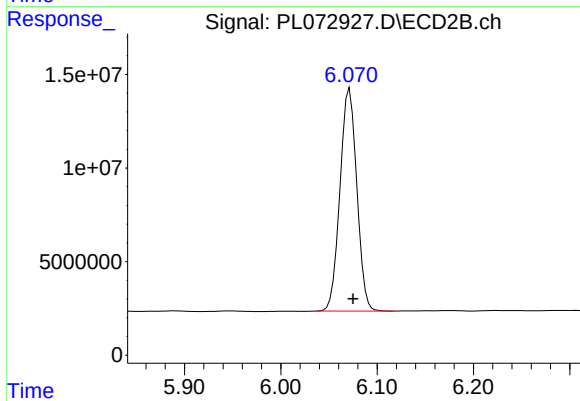
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 31967073
Conc: 18.51 ng/ml



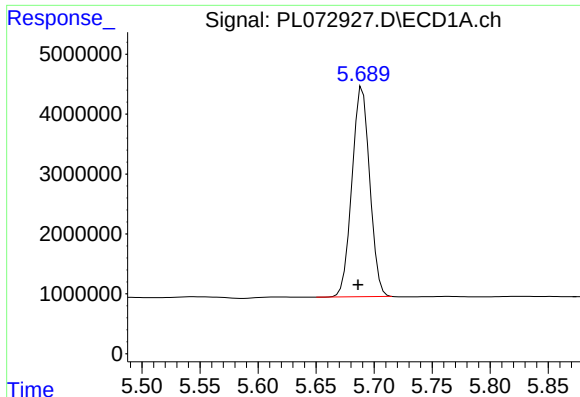
#2 alpha-BHC

R.T.: 5.267 min
Delta R.T.: 0.004 min
Response: 38196793
Conc: 57.93 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 144188303
Conc: 60.21 ng/ml



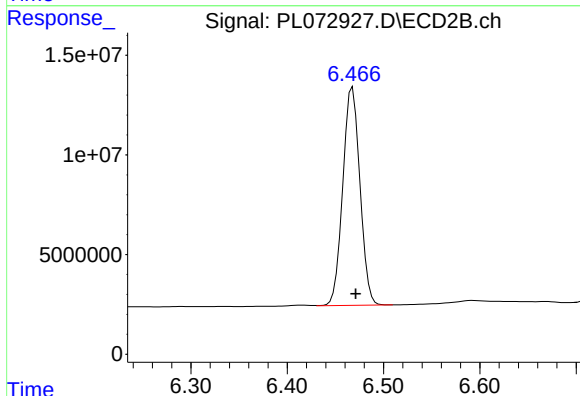
#3 gamma-BHC (Lindane)

R.T.: 5.690 min
Delta R.T.: 0.004 min
Response: 37332981
Conc: 59.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

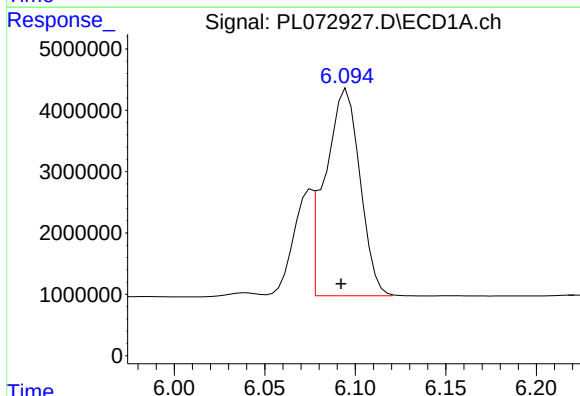
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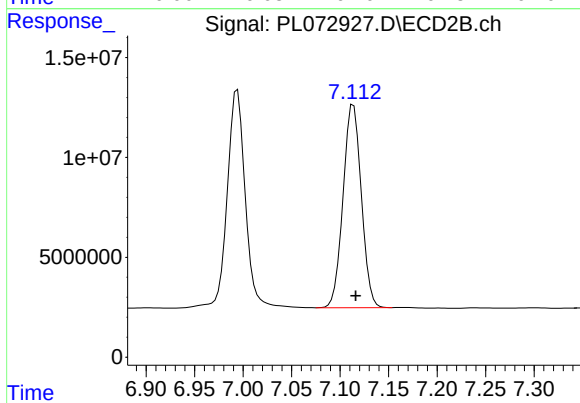
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 134960355
Conc: 58.62 ng/ml



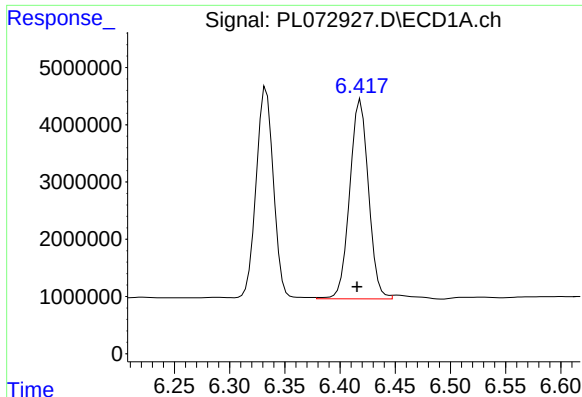
#4 Heptachlor

R.T.: 6.094 min
Delta R.T.: 0.002 min
Response: 43731249
Conc: 59.91 ng/ml m



#4 Heptachlor

R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 133104632
Conc: 58.46 ng/ml



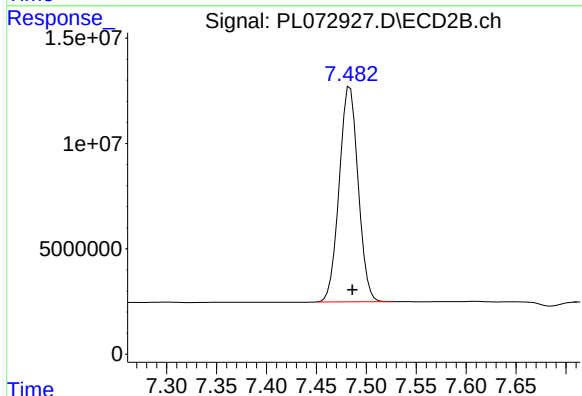
#5 Aldrin

R.T.: 6.419 min
Delta R.T.: 0.003 min
Response: 41207250
Conc: 63.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

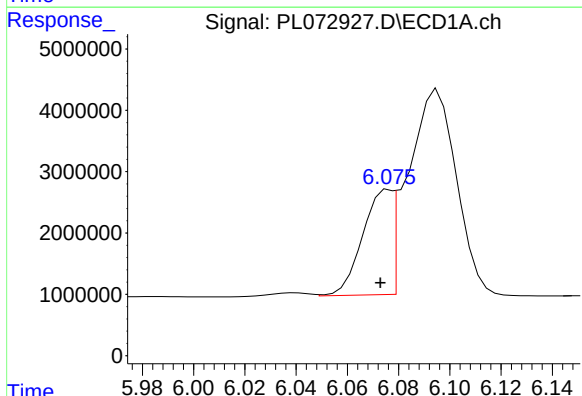
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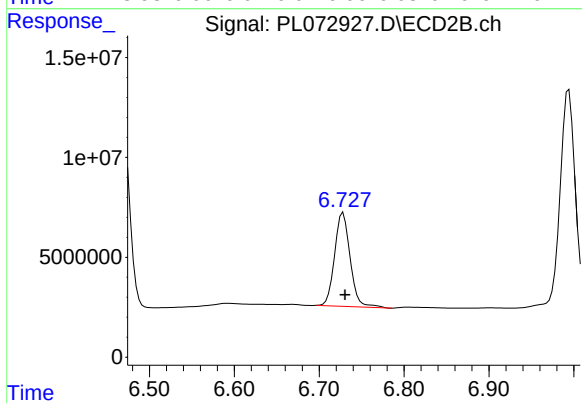
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 134771934
Conc: 63.04 ng/ml



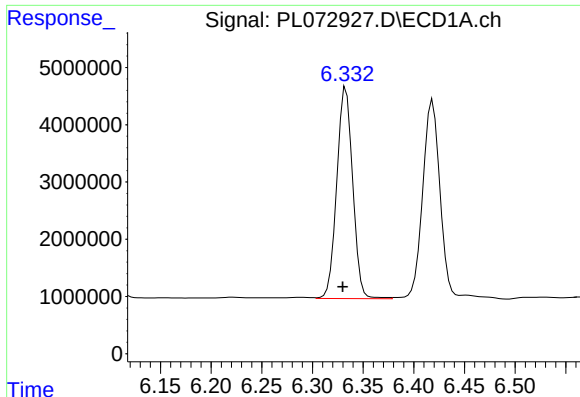
#6 beta-BHC

R.T.: 6.075 min
Delta R.T.: 0.002 min
Response: 15149710
Conc: 61.14 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 59807903
Conc: 58.67 ng/ml



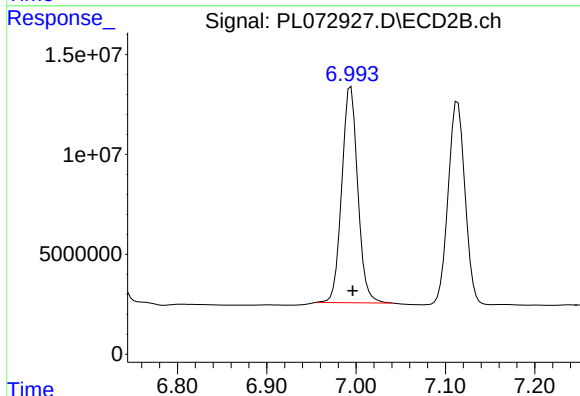
#7 delta-BHC

R.T.: 6.333 min
Delta R.T.: 0.003 min
Response: 40375942
Conc: 60.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

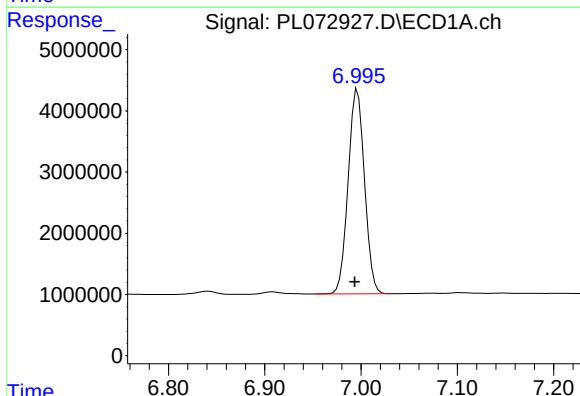
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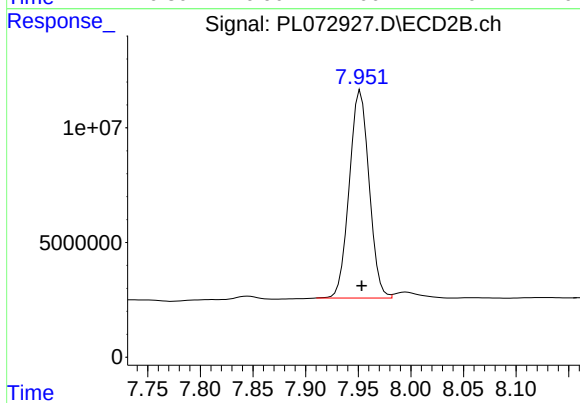
#7 delta-BHC

R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 134349825
Conc: 58.64 ng/ml



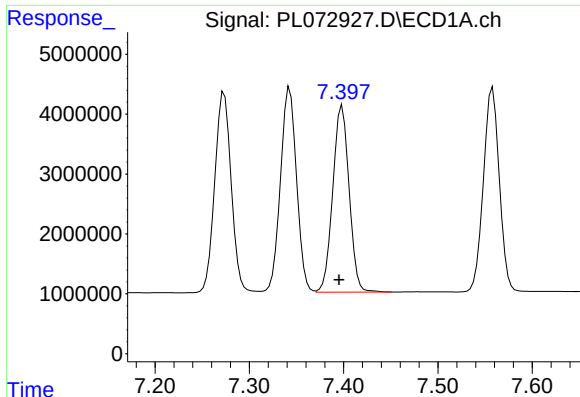
#8 Heptachlor epoxide

R.T.: 6.996 min
Delta R.T.: 0.003 min
Response: 39305517
Conc: 62.35 ng/ml



#8 Heptachlor epoxide

R.T.: 7.952 min
Delta R.T.: -0.001 min
Response: 119094453
Conc: 61.73 ng/ml



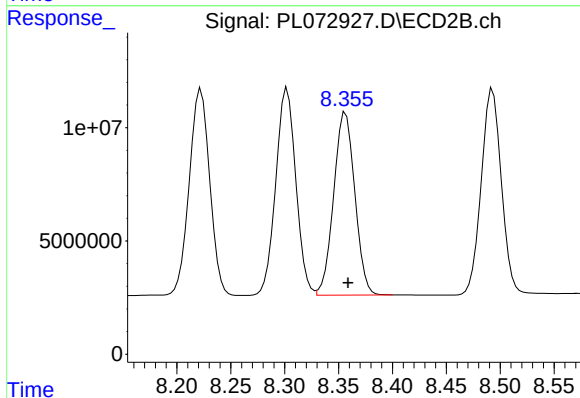
#9 Endosulfan I

R.T.: 7.398 min
Delta R.T.: 0.003 min
Response: 37506076
Conc: 64.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

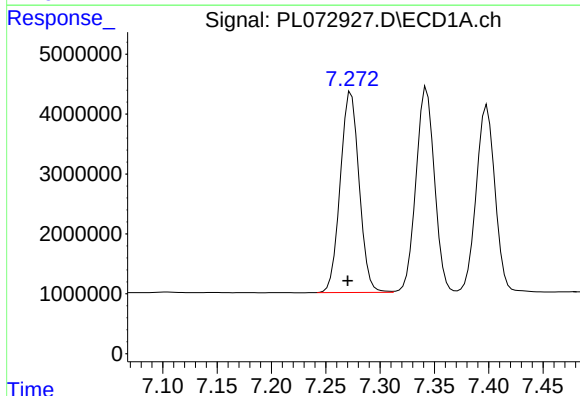
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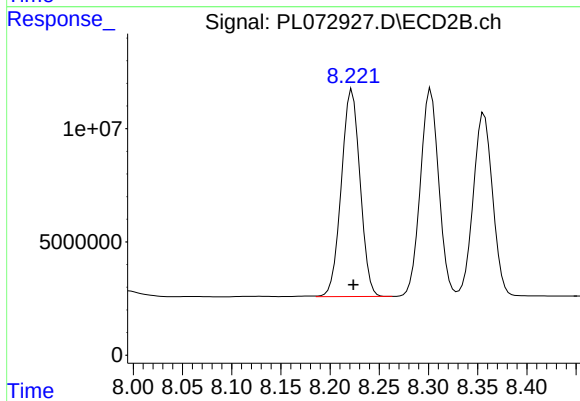
#9 Endosulfan I

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 110006545
Conc: 62.88 ng/ml



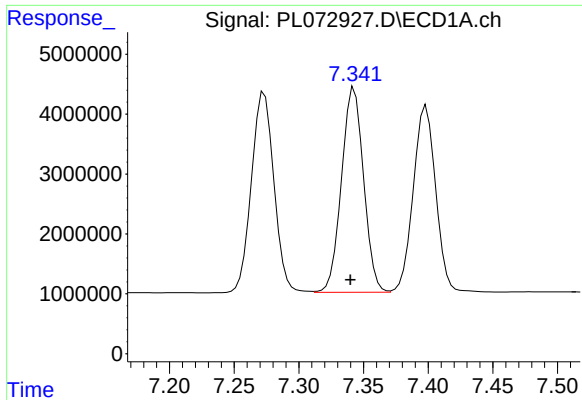
#10 gamma-Chlordane

R.T.: 7.273 min
Delta R.T.: 0.003 min
Response: 40528296
Conc: 63.98 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min
Delta R.T.: -0.002 min
Response: 120974270
Conc: 62.54 ng/ml



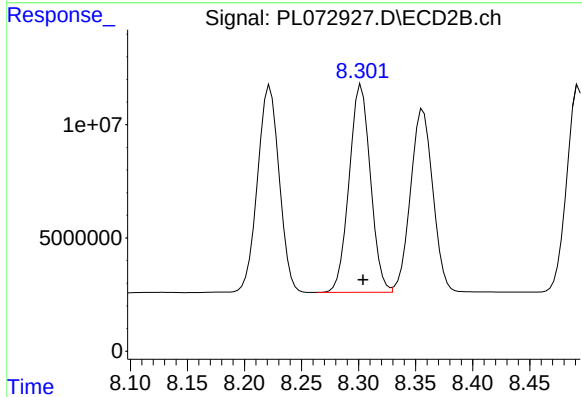
#11 alpha-Chlordane

R.T.: 7.343 min
Delta R.T.: 0.003 min
Response: 40578951
Conc: 63.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

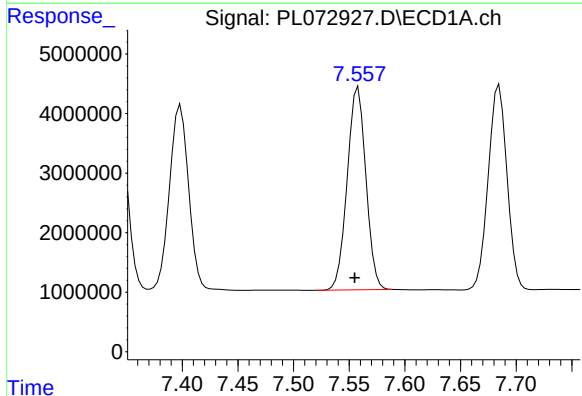
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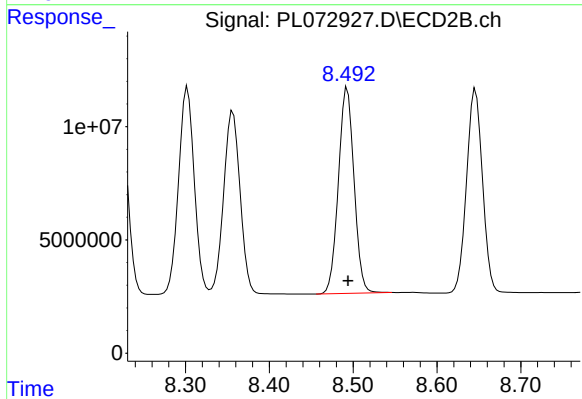
#11 alpha-Chlordane

R.T.: 8.302 min
Delta R.T.: -0.002 min
Response: 118936075
Conc: 62.60 ng/ml



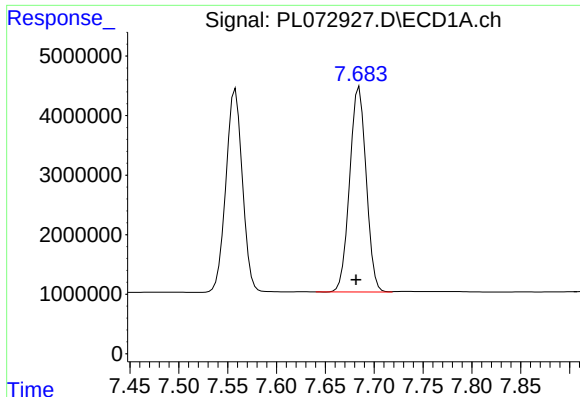
#12 4,4'-DDE

R.T.: 7.558 min
Delta R.T.: 0.003 min
Response: 39808250
Conc: 65.51 ng/ml



#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 117900506
Conc: 63.08 ng/ml



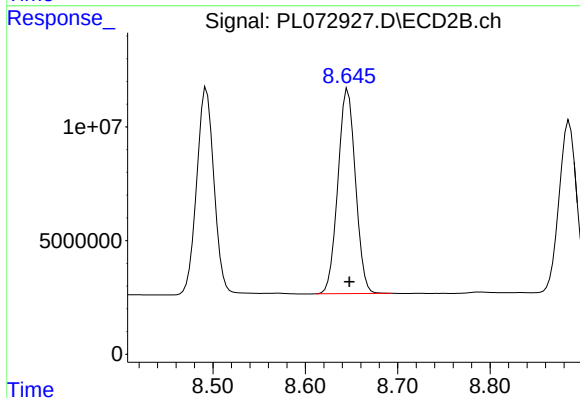
#13 Dieldrin

R.T.: 7.685 min
Delta R.T.: 0.003 min
Response: 40551103
Conc: 64.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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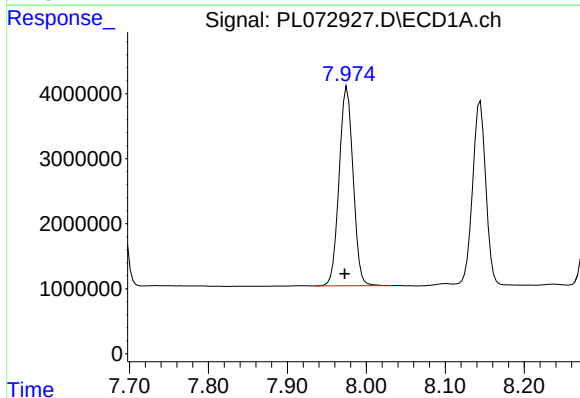
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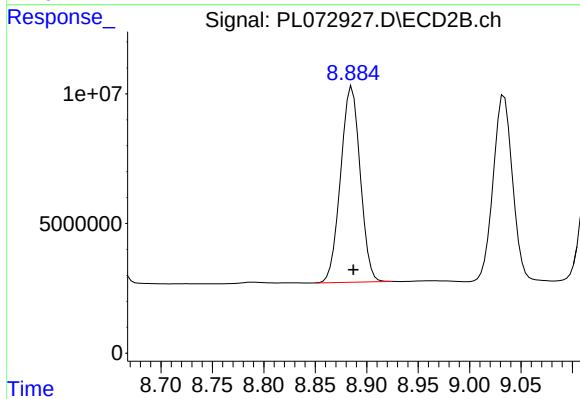
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 118997536
Conc: 63.85 ng/ml



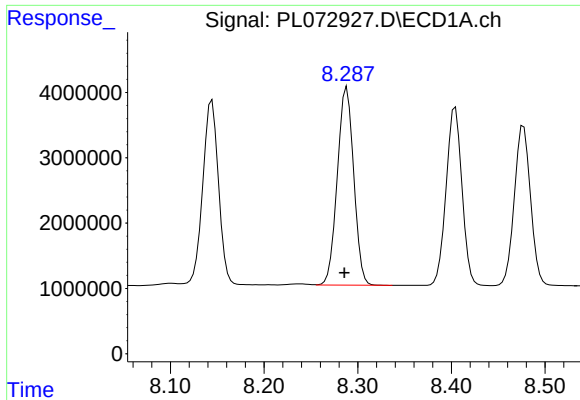
#14 Endrin

R.T.: 7.976 min
Delta R.T.: 0.003 min
Response: 37666149
Conc: 64.30 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.001 min
Response: 100056805
Conc: 63.50 ng/ml



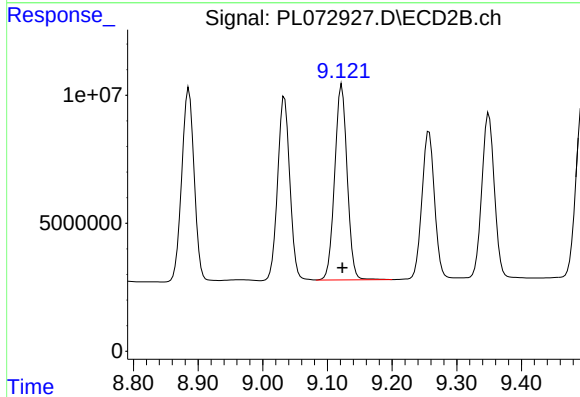
#15 Endosulfan II

R.T.: 8.288 min
Delta R.T.: 0.003 min
Response: 36962457
Conc: 60.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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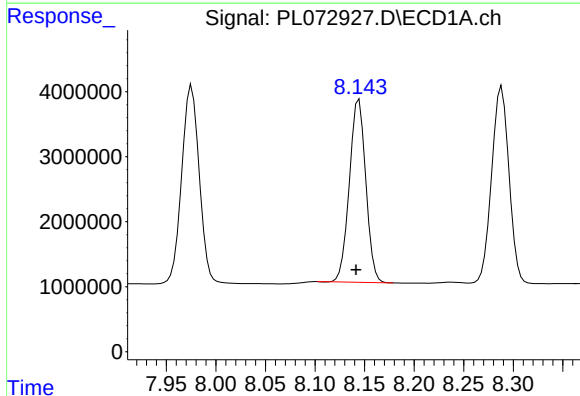
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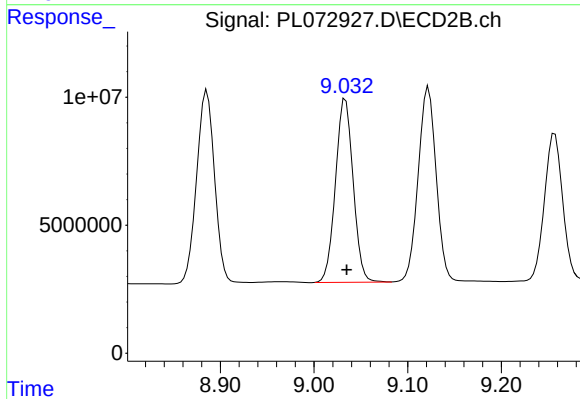
#15 Endosulfan II

R.T.: 9.122 min
Delta R.T.: 0.000 min
Response: 102104289
Conc: 60.73 ng/ml



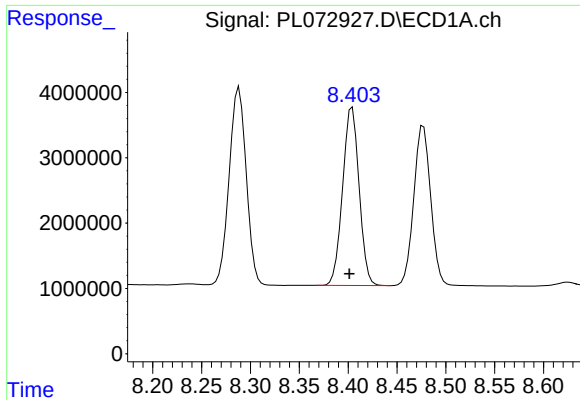
#16 4,4'-DDD

R.T.: 8.144 min
Delta R.T.: 0.003 min
Response: 32463030
Conc: 67.48 ng/ml



#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.001 min
Response: 94192384
Conc: 68.07 ng/ml



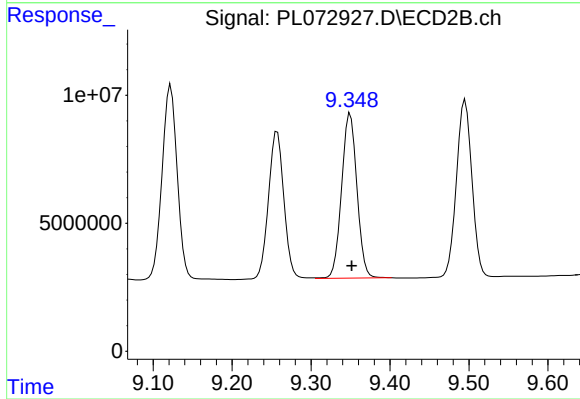
#17 4,4'-DDT

R.T.: 8.404 min
Delta R.T.: 0.003 min
Response: 32073363
Conc: 59.61 ng/ml

Instrument :
ECD_L
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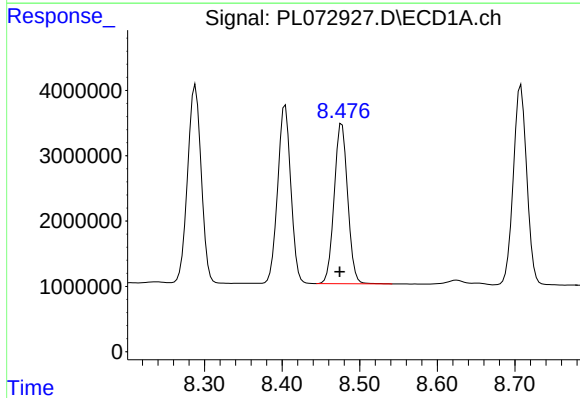
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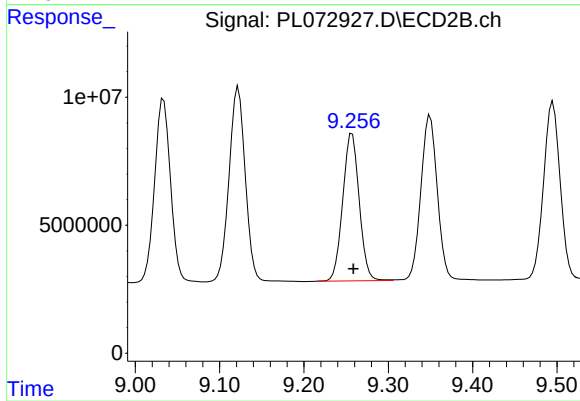
#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 86926972
Conc: 56.78 ng/ml



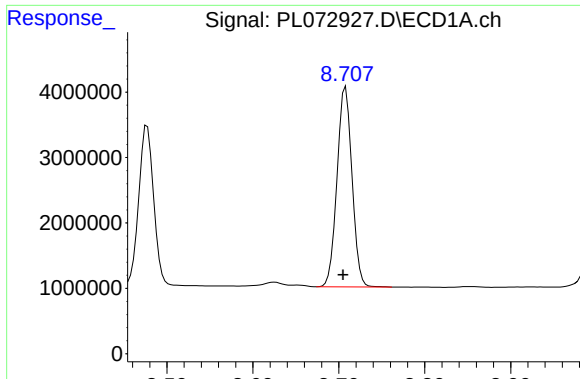
#18 Endrin aldehyde

R.T.: 8.477 min
Delta R.T.: 0.003 min
Response: 29573493
Conc: 67.85 ng/ml



#18 Endrin aldehyde

R.T.: 9.257 min
Delta R.T.: -0.001 min
Response: 78127374
Conc: 69.42 ng/ml



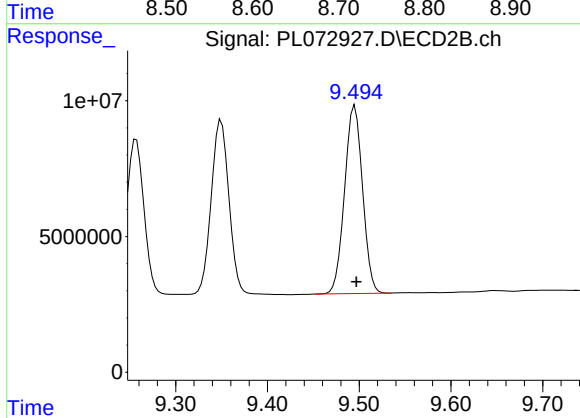
#19 Endosulfan Sulfate

R.T.: 8.708 min
Delta R.T.: 0.003 min
Response: 36948453
Conc: 62.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

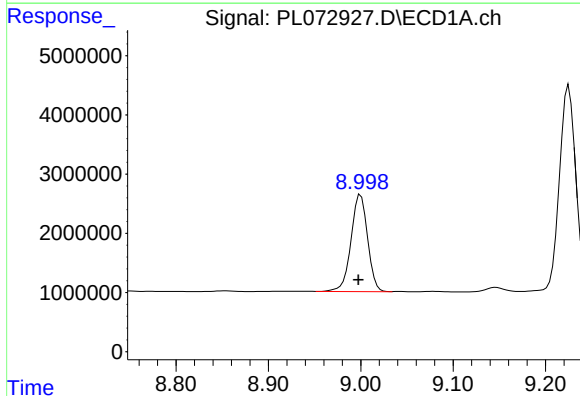
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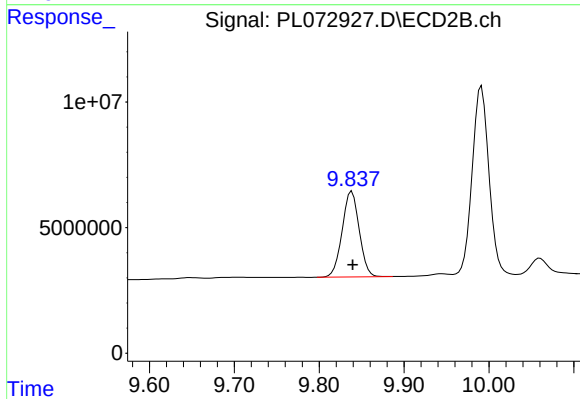
#19 Endosulfan Sulfate

R.T.: 9.495 min
Delta R.T.: -0.002 min
Response: 94139394
Conc: 62.93 ng/ml



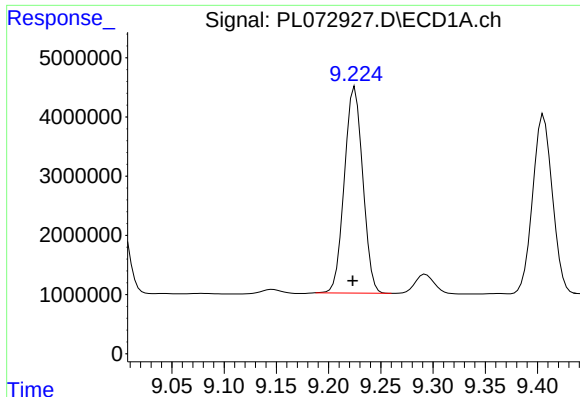
#20 Methoxychlor

R.T.: 9.000 min
Delta R.T.: 0.003 min
Response: 20427717
Conc: 58.10 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 47520434
Conc: 58.69 ng/ml



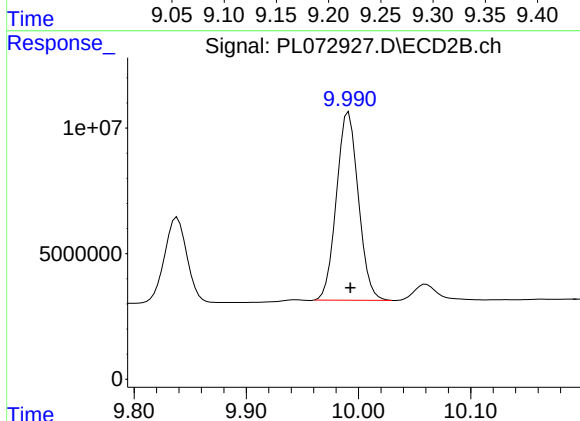
#21 Endrin ketone

R.T.: 9.225 min
Delta R.T.: 0.002 min
Response: 42643354
Conc: 62.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

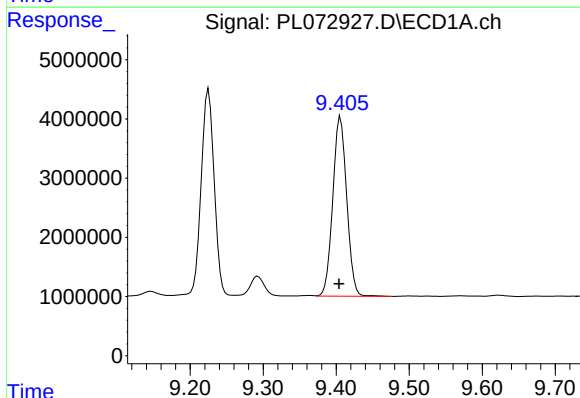
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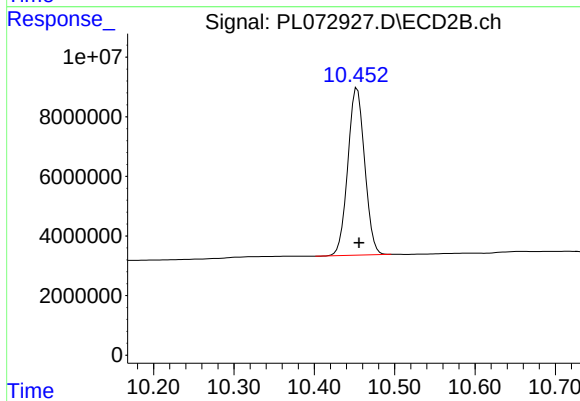
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 101730360
Conc: 63.85 ng/ml



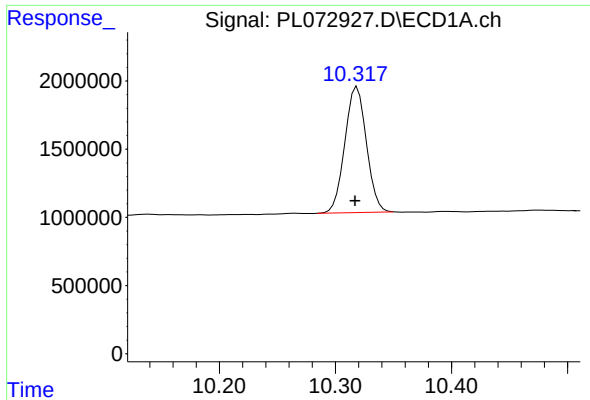
#22 Mirex

R.T.: 9.406 min
Delta R.T.: 0.002 min
Response: 40224827
Conc: 67.80 ng/ml



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.002 min
Response: 81577551
Conc: 69.49 ng/ml



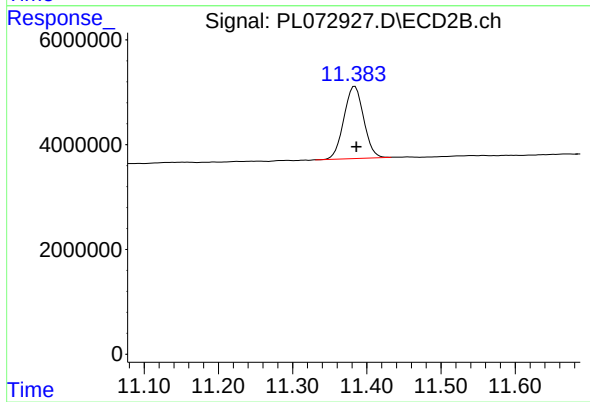
#28 Decachlorobiphenyl

R.T.: 10.319 min
Delta R.T.: 0.002 min
Response: 11950304
Conc: 15.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
WASTE-CHARACTERMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 25457628
Conc: 16.05 ng/ml