

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
 Data File : PL072575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Feb 2022 13:59
 Operator : AR\AJ
 Sample : PB142568BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142568BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/10/2022
 Supervised By : Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 01:58:04 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...	4.557	5.492	9039782	32526894	18.774	18.830
28) SA Decachlor...	10.318	11.386	15900241	34918540	21.003	22.020
Target Compounds						
2) A alpha-BHC	5.263	6.074	28466674	106.9E6	43.174	44.641
3) MA gamma-BHC...	5.687	6.470	27605157	104.5E6	43.924	45.389
4) MA Heptachlor	6.091	7.116	30491604	102.8E6	41.773m	45.139
5) MB Aldrin	6.416	7.486	28698345	100.1E6	44.448	46.840
6) B beta-BHC	6.072	6.730	10217098	44786314	41.233m	43.933
7) B delta-BHC	6.330	6.996	28214590	102.2E6	42.612	44.621
8) B Heptachlo...	6.994	7.954	28366767	92468041	44.995	47.929
9) A Endosulfan I	7.396	8.359	26725780	83577612	45.681	47.773
10) B gamma-Chl...	7.271	8.224	28625075	92383458	45.188	47.762
11) B alpha-Chl...	7.340	8.304	28874802	90343158	45.345	47.550
12) B 4,4'-DDE	7.555	8.494	27984848	87658047	46.050	46.899
13) MA Dieldrin	7.682	8.648	28618748	89678928	45.319	48.120
14) MA Endrin	7.974	8.888	24821482	69965672	42.371	44.405
15) B Endosulfa...	8.285	9.124	27328891	78242940	44.919	46.536
16) A 4,4'-DDD	8.140	9.035	24138000	71617517	50.173m	51.755
17) MA 4,4'-DDT	8.401	9.352	22272253	66533371	41.392	43.462
18) B Endrin al...	8.475	9.259	23354203	63992400	53.579	56.858
19) B Endosulfa...	8.705	9.497	27409583	74434245	46.059	49.756
20) A Methoxychlor	8.997	9.839	14439311	34815861	41.065	43.001m
21) B Endrin ke...	9.224	9.993	33413986	82934051	48.618	52.052
22) Mirex	9.405	10.456	30652213	66191449	51.668	56.386

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020922\
Data File : PL072575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Feb 2022 13:59
Operator : AR\AJ
Sample : PB142568BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

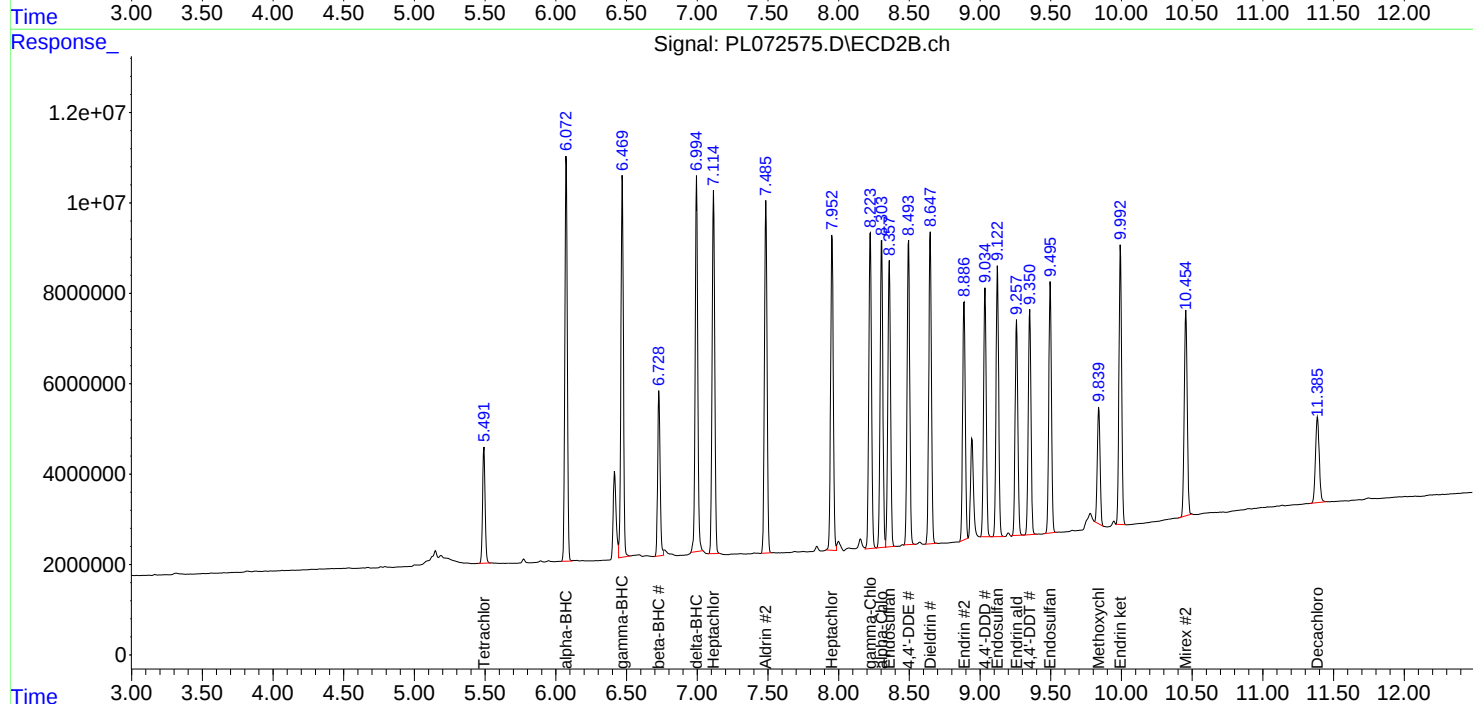
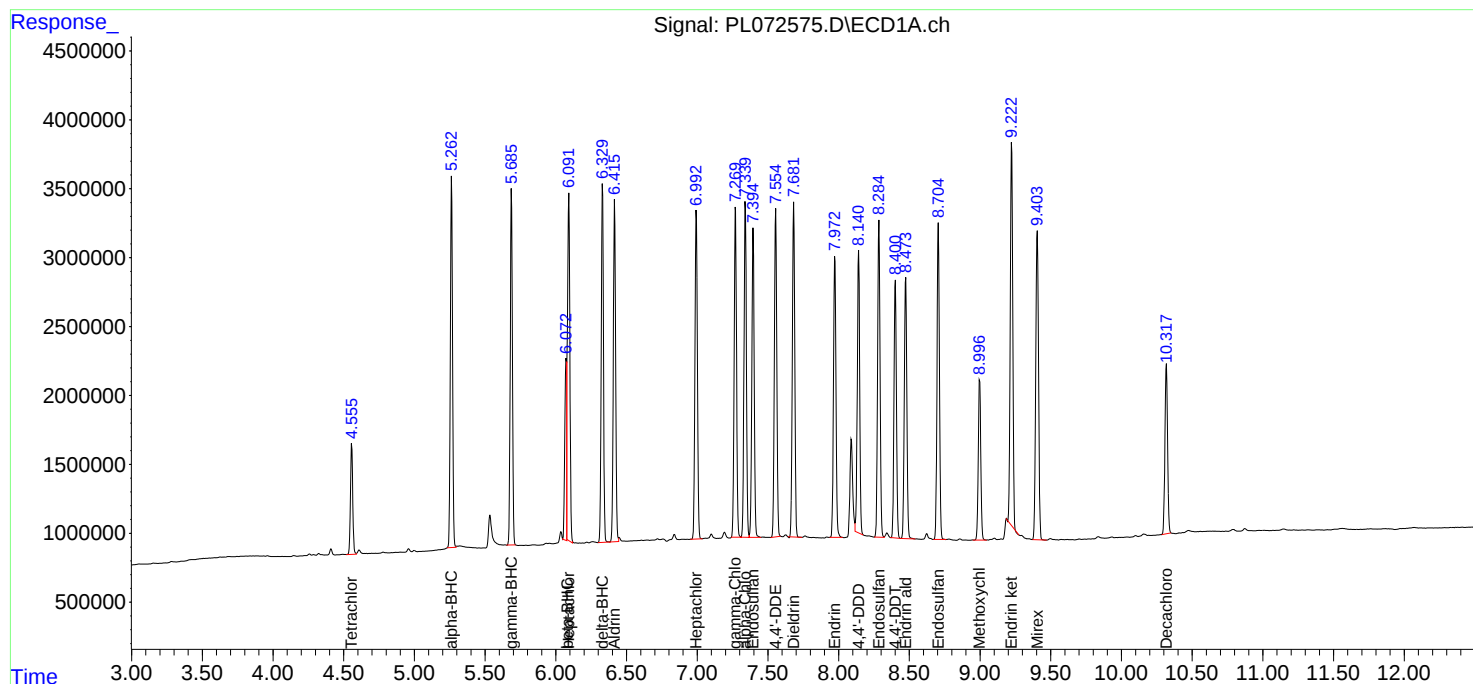
Instrument :
ECD_L
ClientSampleId :
PB142568BS

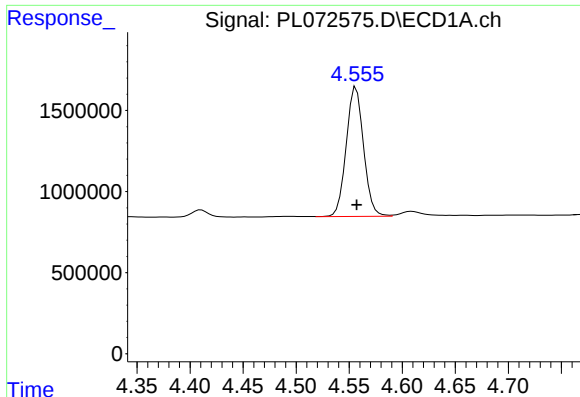
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 01:58:04 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





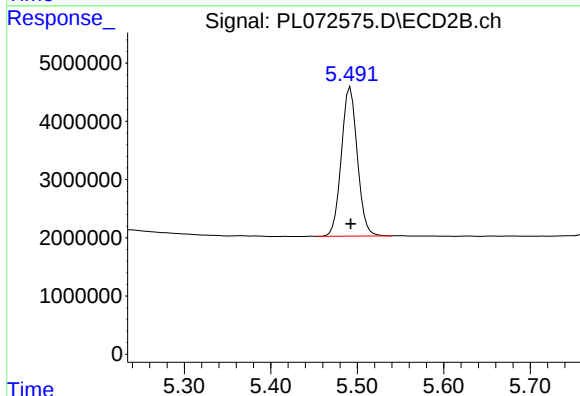
#1 Tetrachloro-m-xylene

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 9039782
Conc: 18.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

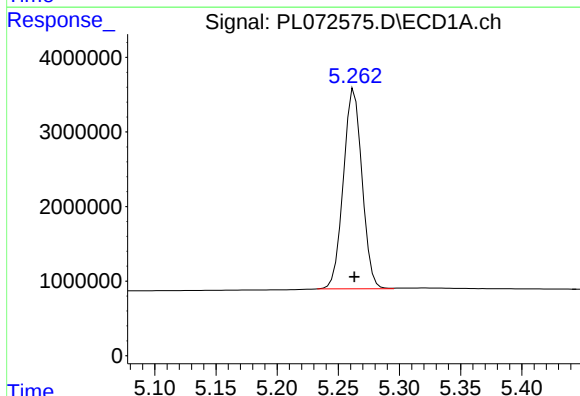
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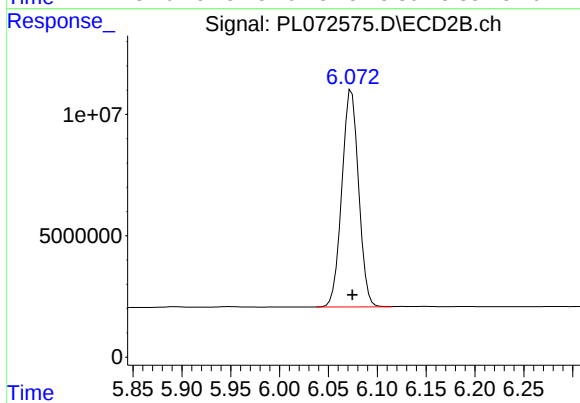
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 32526894
Conc: 18.83 ng/ml



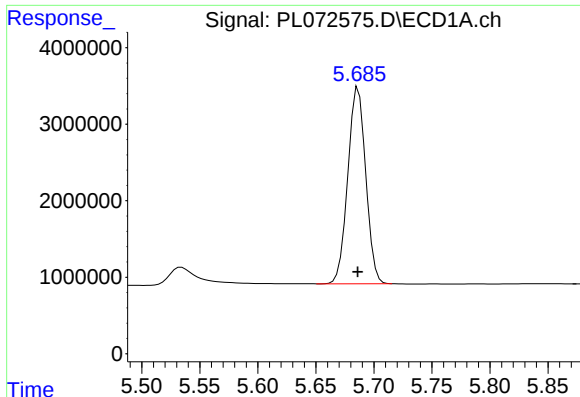
#2 alpha-BHC

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 28466674
Conc: 43.17 ng/ml



#2 alpha-BHC

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 106902941
Conc: 44.64 ng/ml



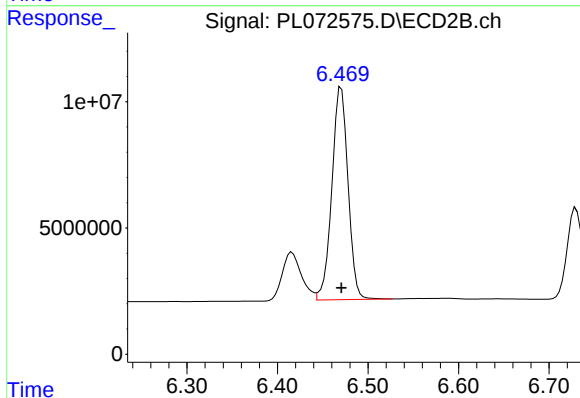
#3 gamma-BHC (Lindane)

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 27605157
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

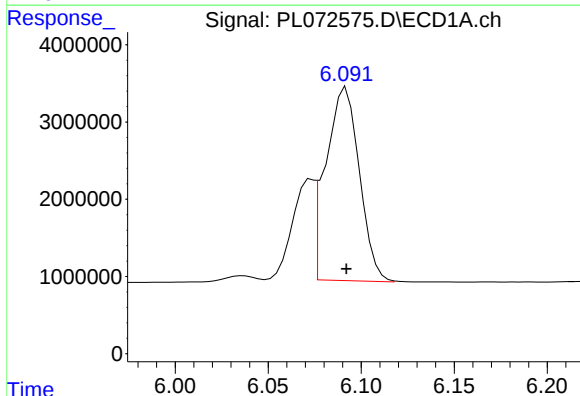
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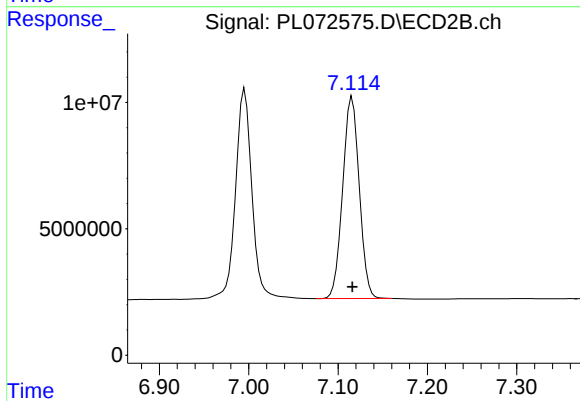
#3 gamma-BHC (Lindane)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 104506825
Conc: 45.39 ng/ml



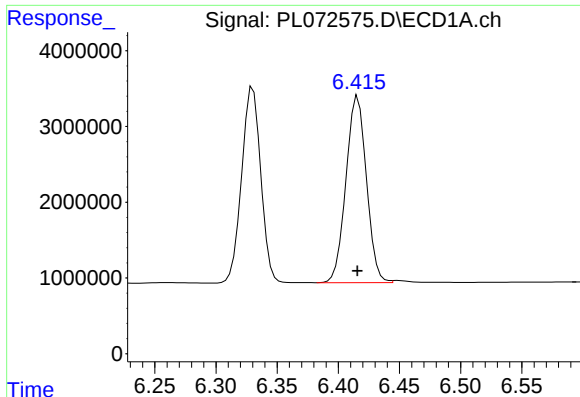
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 30491604
Conc: 41.77 ng/ml m



#4 Heptachlor

R.T.: 7.116 min
Delta R.T.: 0.000 min
Response: 102774341
Conc: 45.14 ng/ml



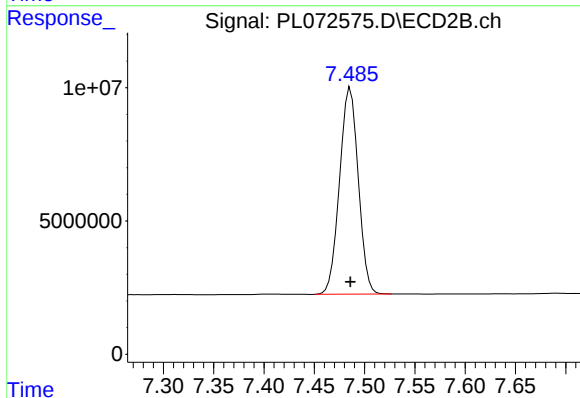
#5 Aldrin

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 28698345
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

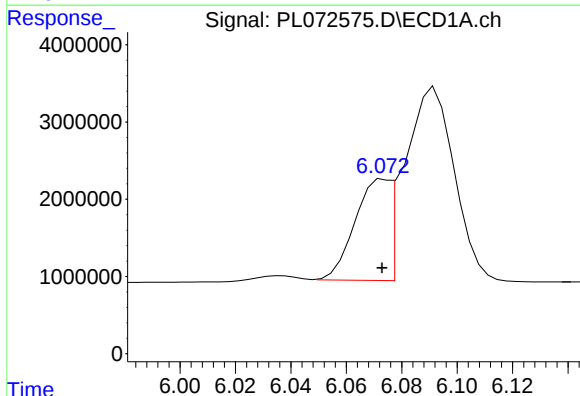
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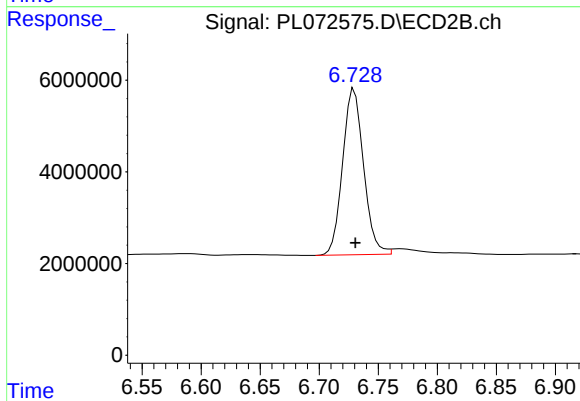
#5 Aldrin

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 100133822
Conc: 46.84 ng/ml



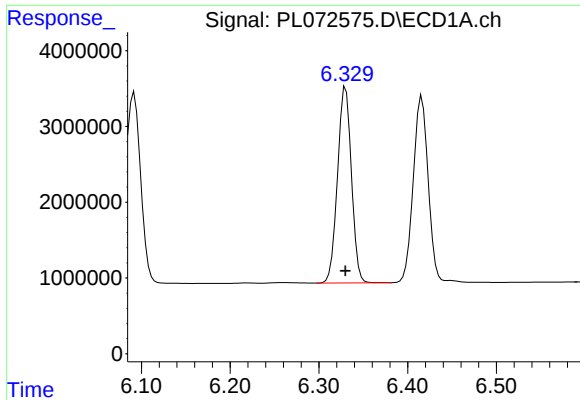
#6 beta-BHC

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 10217098
Conc: 41.23 ng/ml m



#6 beta-BHC

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 44786314
Conc: 43.93 ng/ml



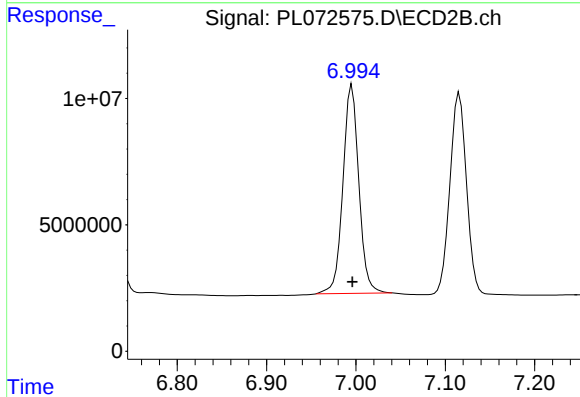
#7 delta-BHC

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 28214590
Conc: 42.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

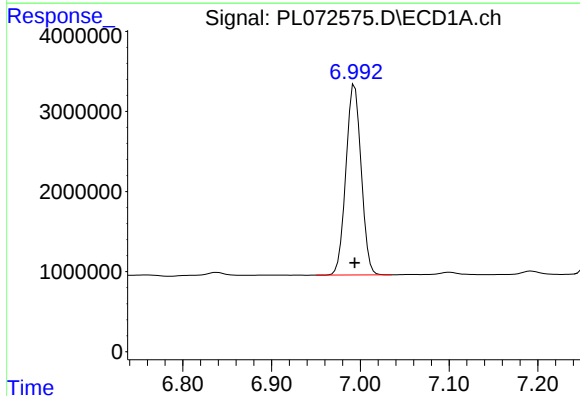
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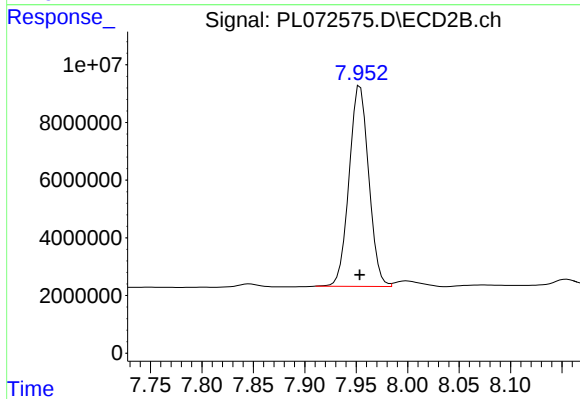
#7 delta-BHC

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 102228517
Conc: 44.62 ng/ml



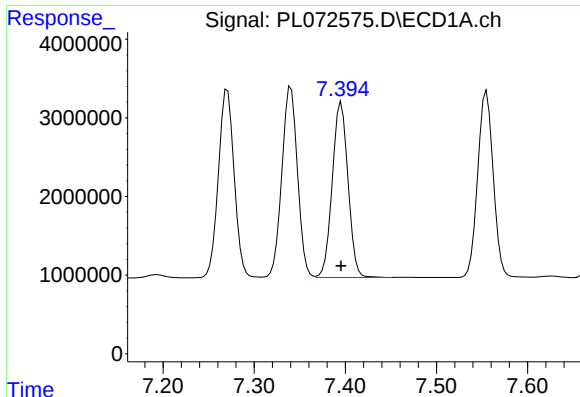
#8 Heptachlor epoxide

R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 28366767
Conc: 44.99 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min
Delta R.T.: 0.000 min
Response: 92468041
Conc: 47.93 ng/ml



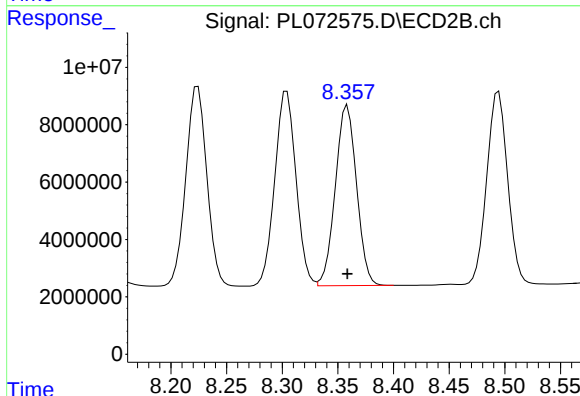
#9 Endosulfan I

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 26725780
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

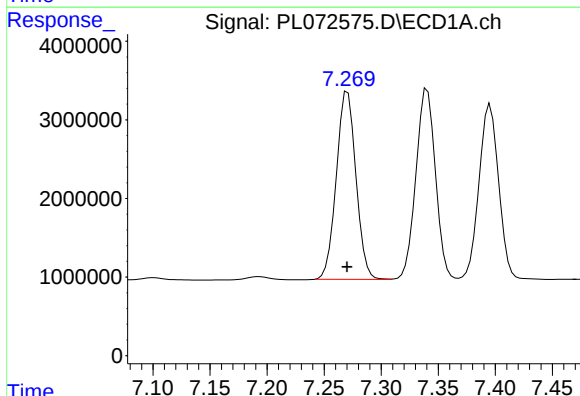
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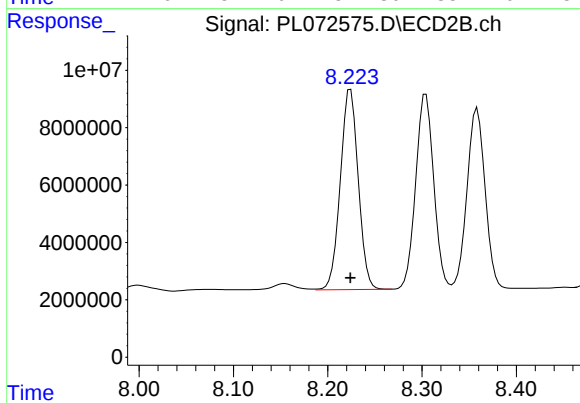
#9 Endosulfan I

R.T.: 8.359 min
Delta R.T.: 0.000 min
Response: 83577612
Conc: 47.77 ng/ml



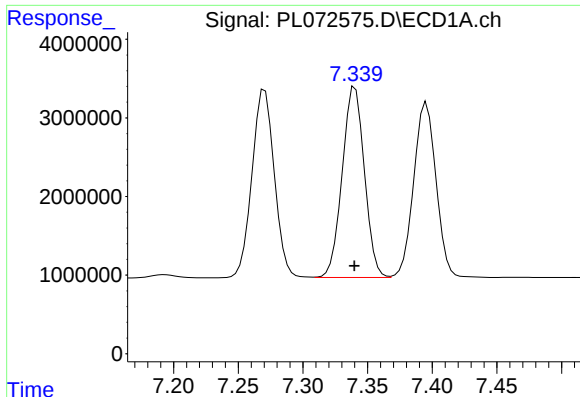
#10 gamma-Chlordane

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 28625075
Conc: 45.19 ng/ml



#10 gamma-Chlordane

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 92383458
Conc: 47.76 ng/ml



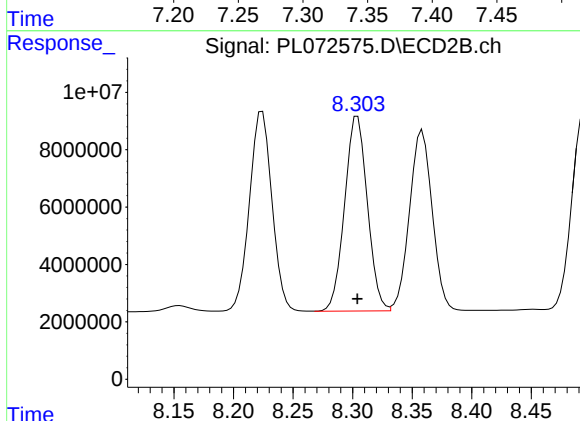
#11 alpha-Chlordane

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 28874802
Conc: 45.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

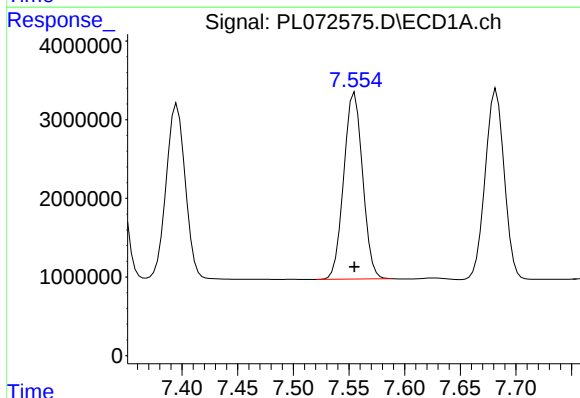
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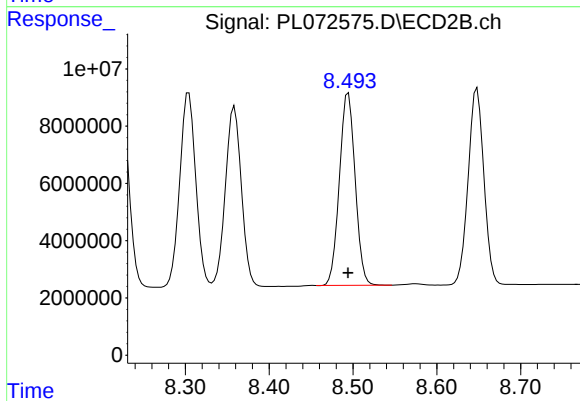
#11 alpha-Chlordane

R.T.: 8.304 min
Delta R.T.: 0.000 min
Response: 90343158
Conc: 47.55 ng/ml



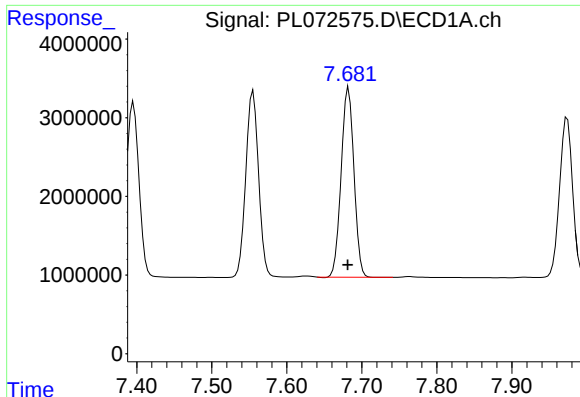
#12 4,4'-DDE

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 27984848
Conc: 46.05 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 87658047
Conc: 46.90 ng/ml



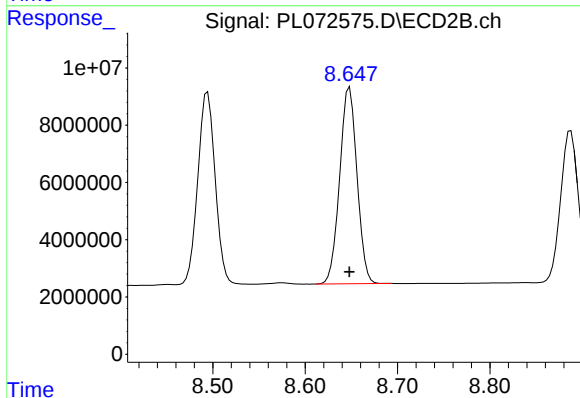
#13 Dieldrin

R.T.: 7.682 min
Delta R.T.: 0.001 min
Response: 28618748
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

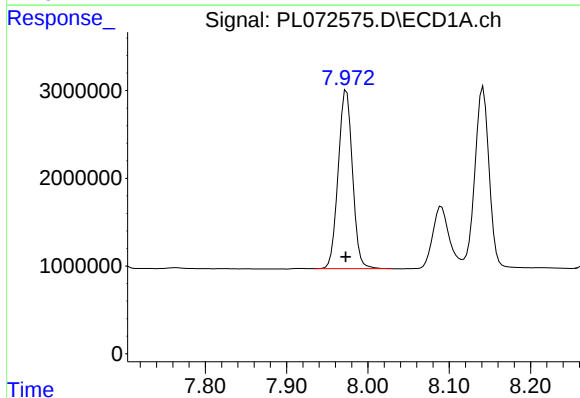
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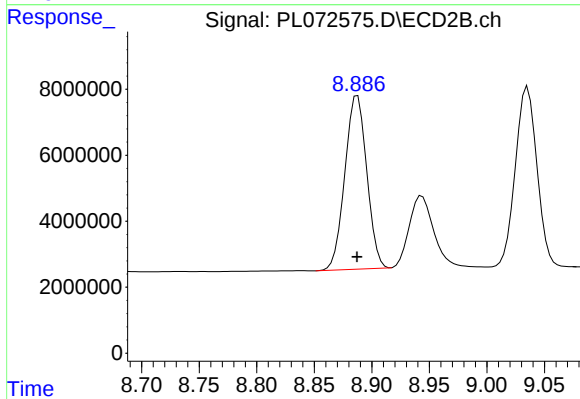
#13 Dieldrin

R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 89678928
Conc: 48.12 ng/ml



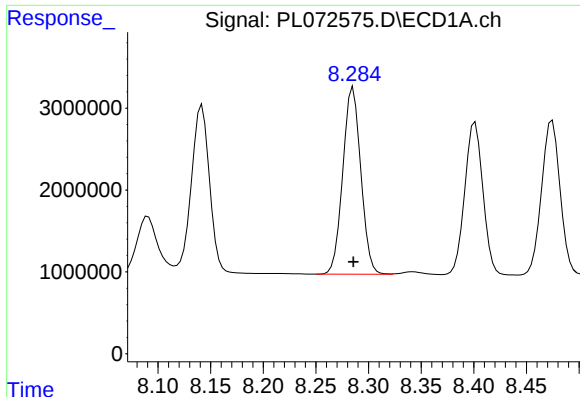
#14 Endrin

R.T.: 7.974 min
Delta R.T.: 0.001 min
Response: 24821482
Conc: 42.37 ng/ml



#14 Endrin

R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 69965672
Conc: 44.40 ng/ml



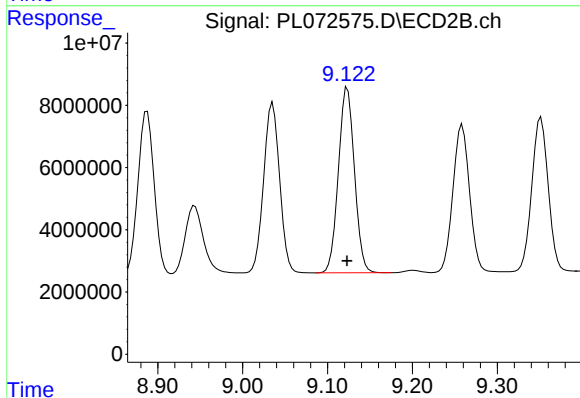
#15 Endosulfan II

R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 27328891
Conc: 44.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

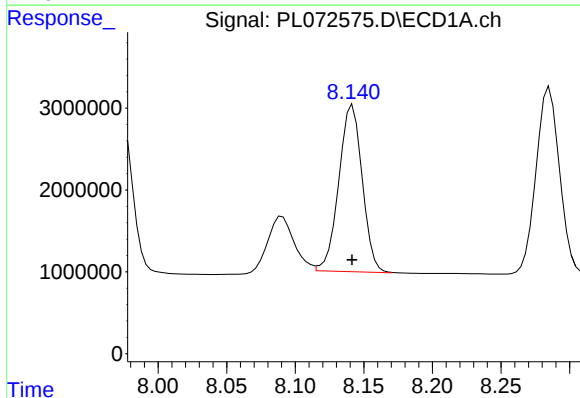
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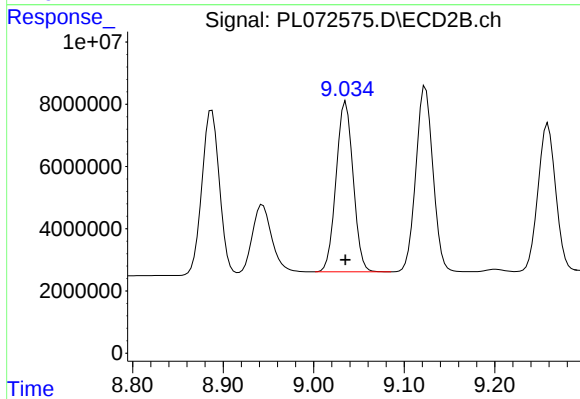
#15 Endosulfan II

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 78242940
Conc: 46.54 ng/ml



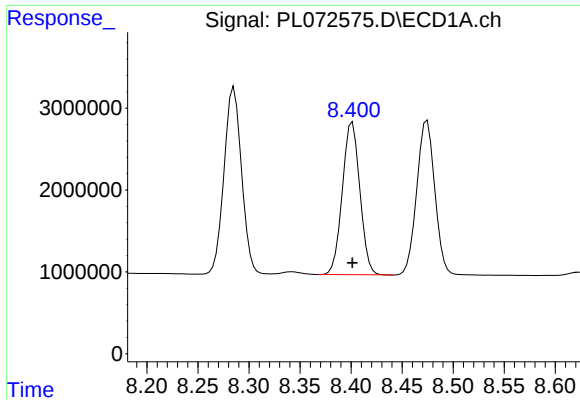
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.001 min
Response: 24138000
Conc: 50.17 ng/ml m



#16 4,4'-DDD

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 71617517
Conc: 51.75 ng/ml



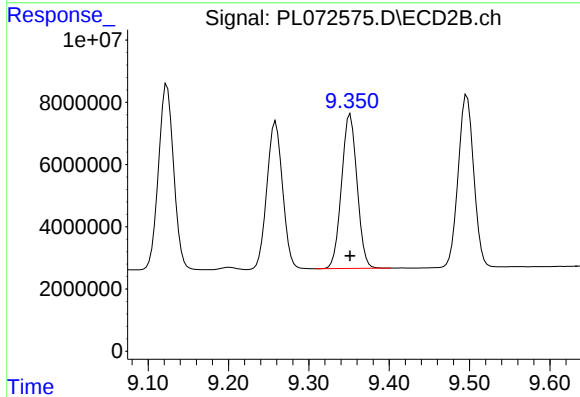
#17 4,4'-DDT

R.T.: 8.401 min
Delta R.T.: 0.000 min
Response: 22272253
Conc: 41.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

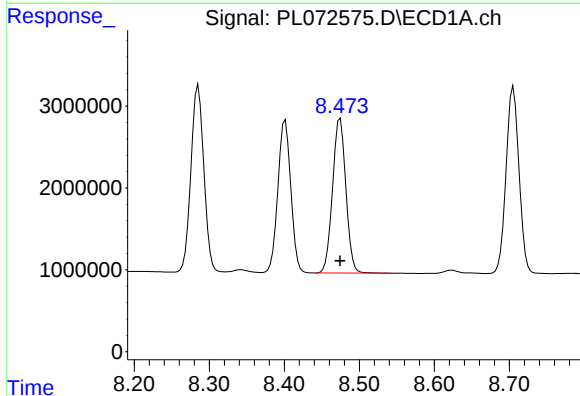
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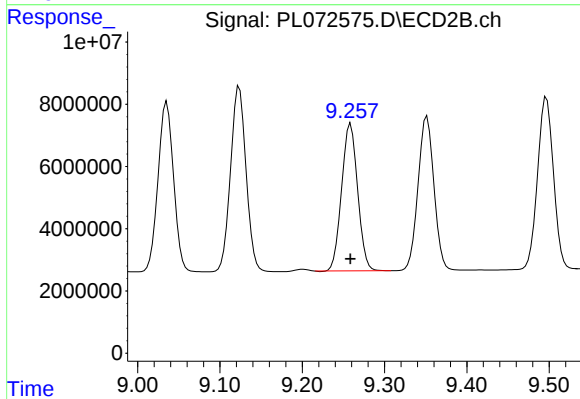
#17 4,4'-DDT

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 66533371
Conc: 43.46 ng/ml



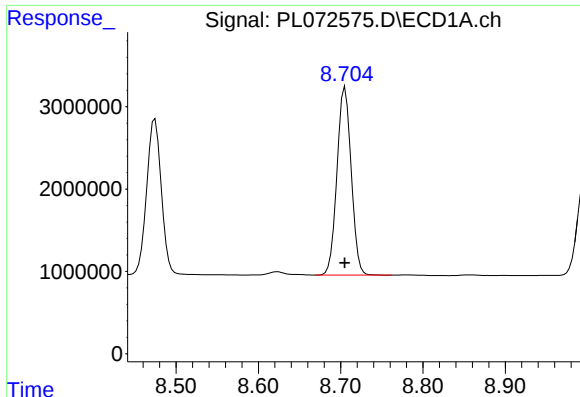
#18 Endrin aldehyde

R.T.: 8.475 min
Delta R.T.: 0.000 min
Response: 23354203
Conc: 53.58 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min
Delta R.T.: 0.000 min
Response: 63992400
Conc: 56.86 ng/ml



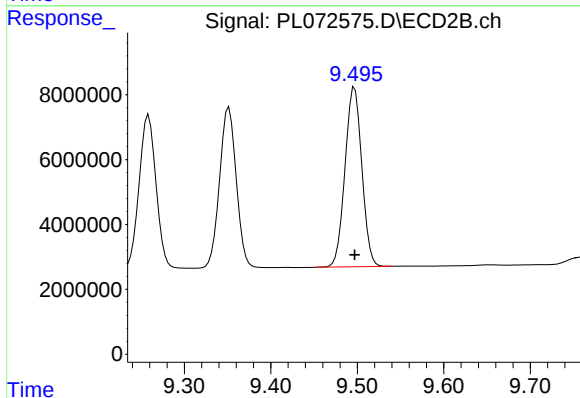
#19 Endosulfan Sulfate

R.T.: 8.705 min
Delta R.T.: 0.000 min
Response: 27409583
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

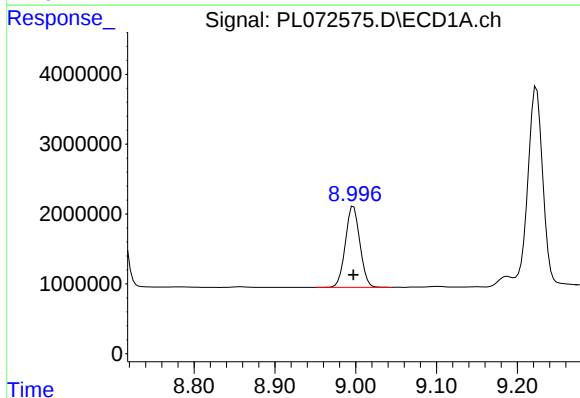
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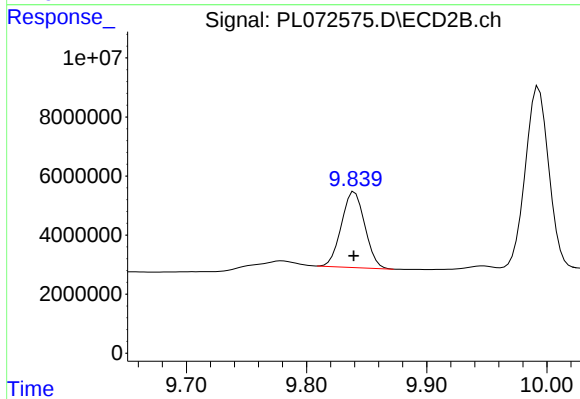
#19 Endosulfan Sulfate

R.T.: 9.497 min
Delta R.T.: 0.000 min
Response: 74434245
Conc: 49.76 ng/ml



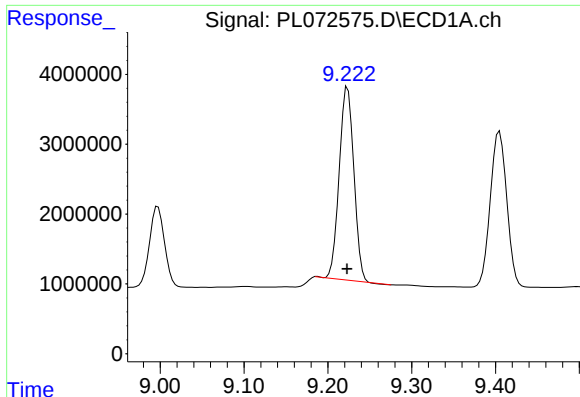
#20 Methoxychlor

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 14439311
Conc: 41.06 ng/ml



#20 Methoxychlor

R.T.: 9.839 min
Delta R.T.: 0.000 min
Response: 34815861
Conc: 43.00 ng/ml m



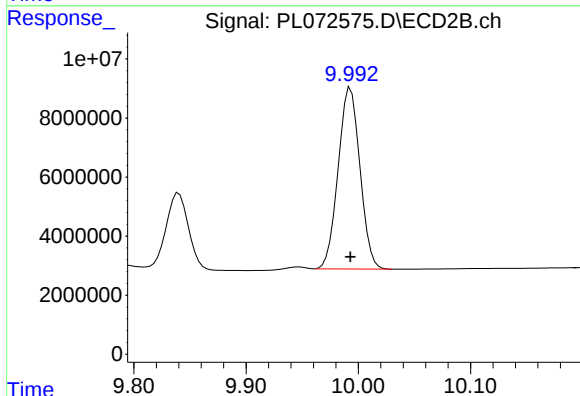
#21 Endrin ketone

R.T.: 9.224 min
Delta R.T.: 0.000 min
Response: 33413986
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

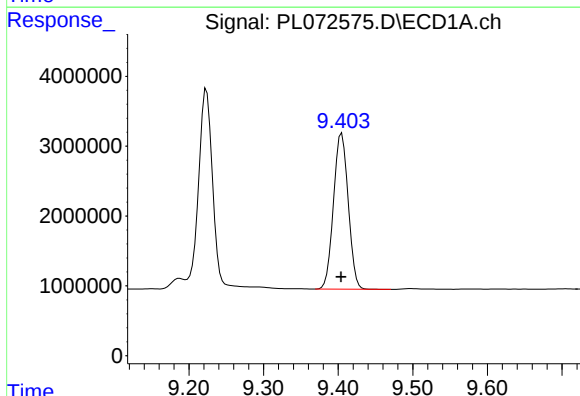
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Supervised By :Ankita Jodhani 02/10/2022



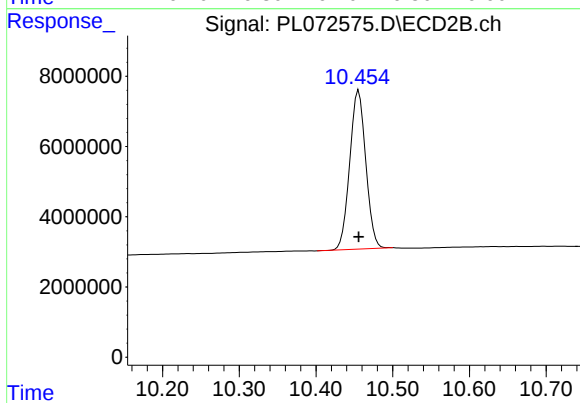
#21 Endrin ketone

R.T.: 9.993 min
Delta R.T.: 0.000 min
Response: 82934051
Conc: 52.05 ng/ml



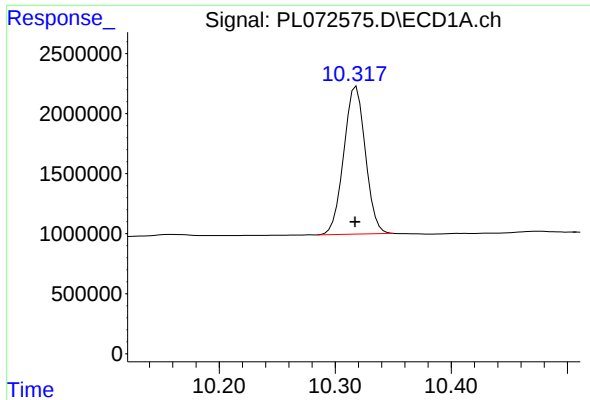
#22 Mirex

R.T.: 9.405 min
Delta R.T.: 0.000 min
Response: 30652213
Conc: 51.67 ng/ml



#22 Mirex

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 66191449
Conc: 56.39 ng/ml



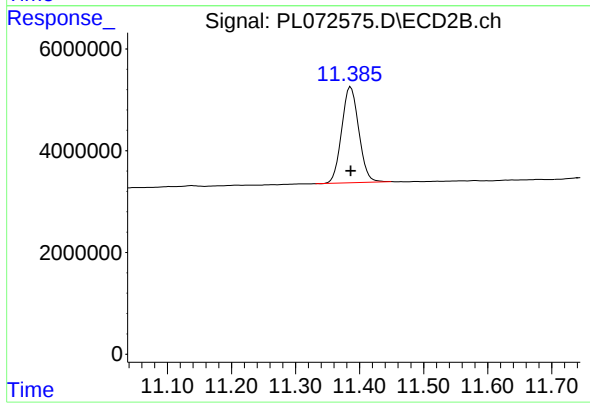
#28 Decachlorobiphenyl

R.T.: 10.318 min
Delta R.T.: 0.001 min
Response: 15900241
Conc: 21.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142568BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2022
Supervised By :Ankita Jodhani 02/10/2022



#28 Decachlorobiphenyl

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 34918540
Conc: 22.02 ng/ml