

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092823\
 Data File : PL085566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2023 05:37
 Operator : AR\AJ
 Sample : 04627-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 280-300FB-BACKFILL-01MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/29/2023
 Supervised By : Ankita Jodhani 10/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 29 06:50:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 26 01:26:21 2023
 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...	3.415	2.651	44522802	18733549	17.311	16.510
28)	SA Decachlor...	8.942	7.824	38454205	20256730	18.738	17.062
Target Compounds							
2)	A alpha-BHC	3.870	3.153	158.8E6	69305954	43.481	41.910
3)	MA gamma-BHC...	4.203	3.483	148.8E6	65809671	41.951	41.043
4)	MA Heptachlor	4.792	3.822	150.2E6	67562137	44.493	44.203
5)	MB Aldrin	5.133	4.100	138.2E6	63762436	41.200	41.784
6)	B beta-BHC	4.404	3.785	65686693	29268253	42.063	43.395
7)	B delta-BHC	4.649	4.013	144.1E6	65339536	41.908	42.199
8)	B Heptachlo...	5.562	4.606	122.3E6	58231099	42.597	43.201
9)	A Endosulfan I	5.947	4.975	119.8E6	54700411	43.867	42.817
10)	B gamma-Chl...	5.820	4.859	125.8E6	58948803	43.356	43.946
11)	B alpha-Chl...	5.900	4.923	124.4E6	58984448	43.106	42.902
12)	B 4,4'-DDE	6.081	5.122	109.6E6	54218330	44.121	45.037
13)	MA Dieldrin	6.225	5.242	118.6E6	57777988	41.801	42.281
14)	MA Endrin	6.454	5.517	105.2E6	54608899	44.139	45.220
15)	B Endosulfa...	6.676	5.816	100.1E6	49345691	38.316	40.957
16)	A 4,4'-DDD	6.601	5.680	90630258	44202326	45.189	44.073
17)	MA 4,4'-DDT	6.916	5.931	98996915	49548830	47.154	46.145
18)	B Endrin al...	6.807	5.997	76768433	39668185	42.575	40.353
19)	B Endosulfa...	7.043	6.221	100.9E6	51853133	43.556	45.764m
20)	A Methoxychlor	7.401	6.517	56721547	27631425	42.583	43.580
21)	B Endrin ke...	7.526	6.726	105.6E6	61783481	42.363	39.471
22)	Mirex	8.001	6.904	88697503	48161972	44.877	42.629

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

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Data File : PL085566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2023 05:37
Operator : AR\AJ
Sample : 04627-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

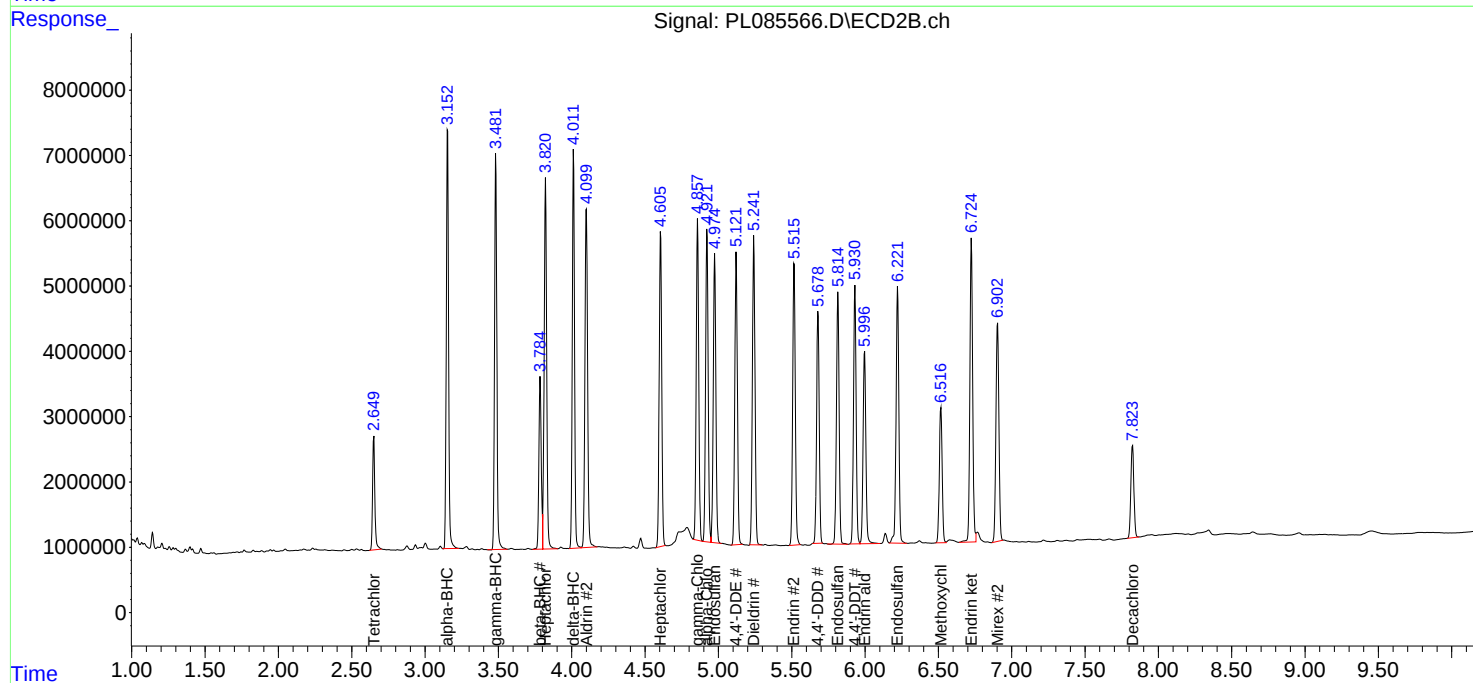
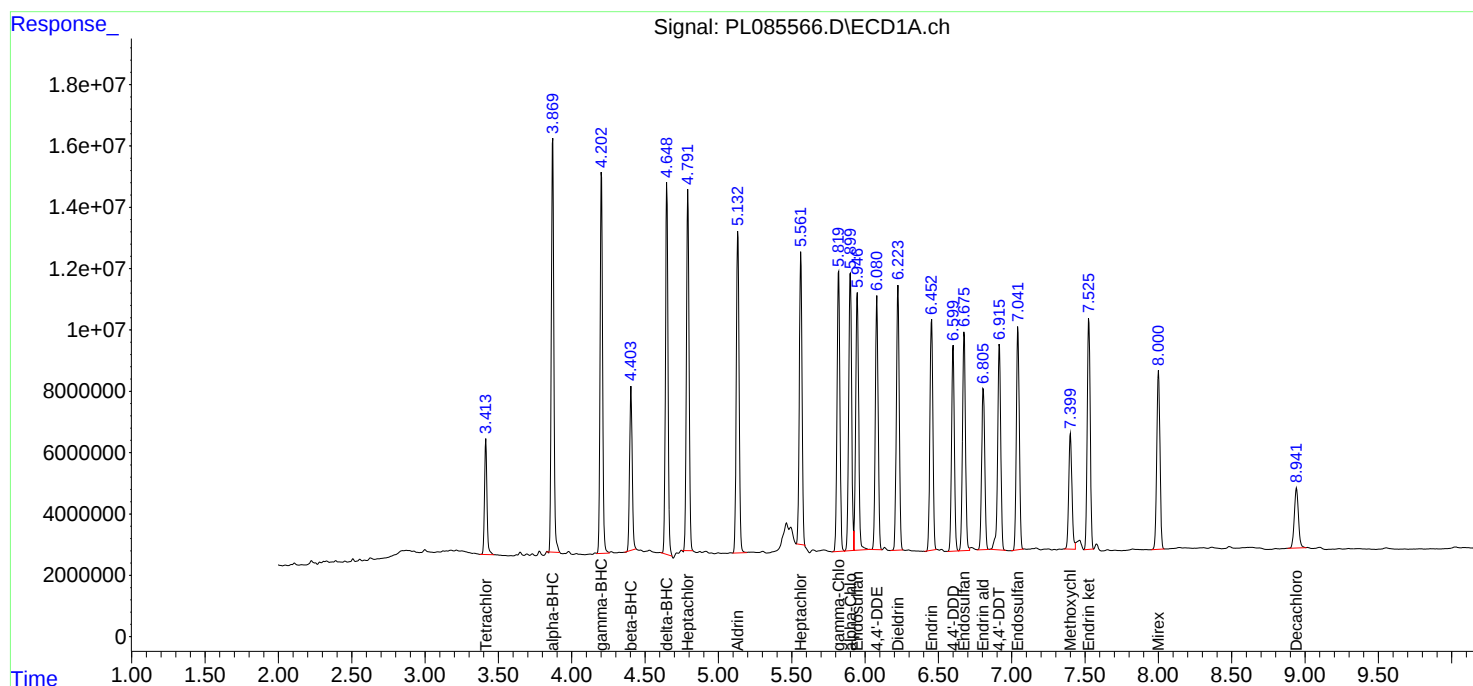
Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

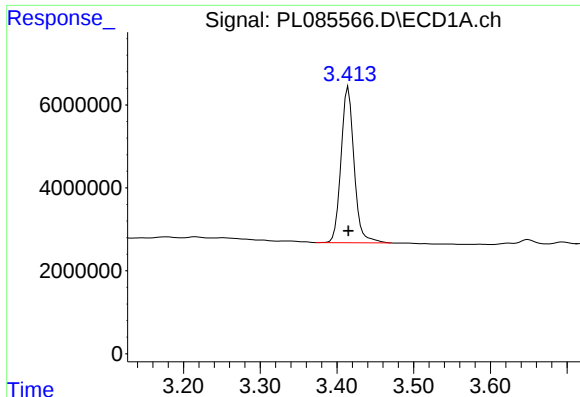
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2023
Supervised By :Ankita Jodhani 10/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 06:50:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092523.M
Quant Title : GC Extractables
QLast Update : Tue Sep 26 01:26:21 2023
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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





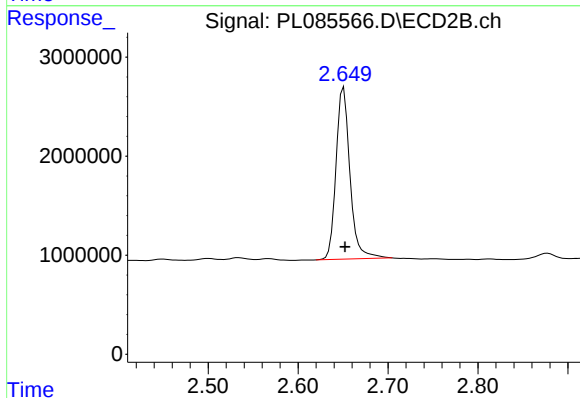
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 44522802
Conc: 17.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

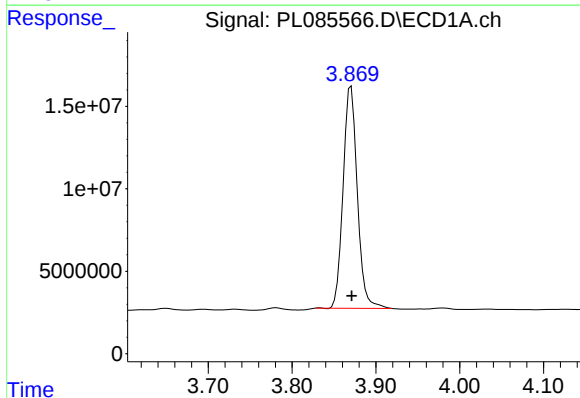
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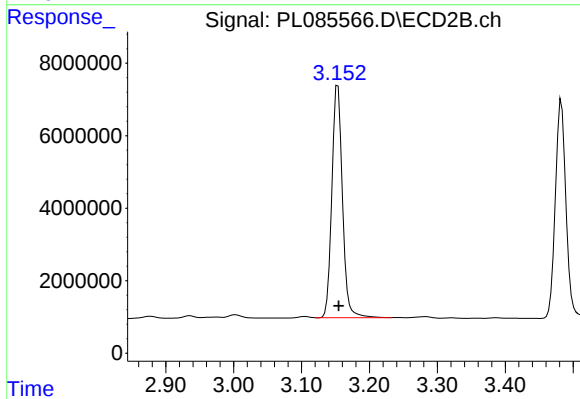
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.001 min
Response: 18733549
Conc: 16.51 ng/ml



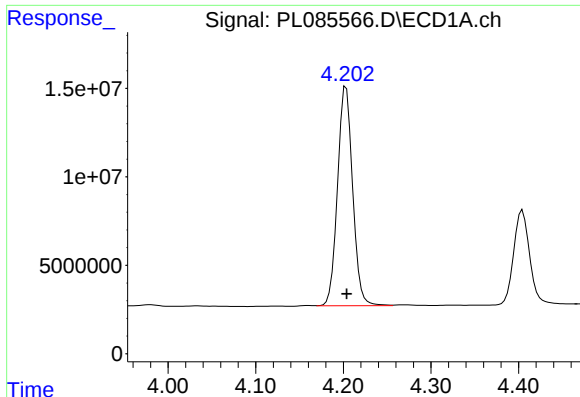
#2 alpha-BHC

R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 158831694
Conc: 43.48 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 69305954
Conc: 41.91 ng/ml



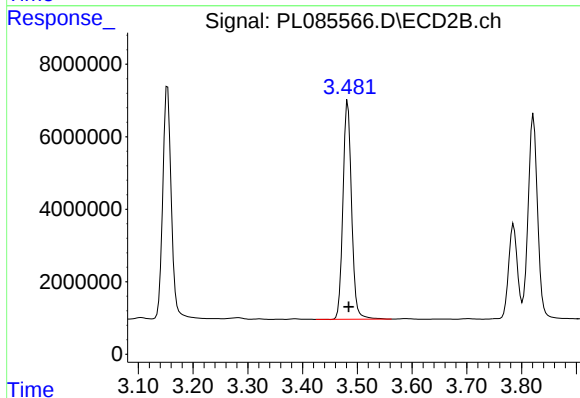
#3 gamma-BHC (Lindane)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 148775671
Conc: 41.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

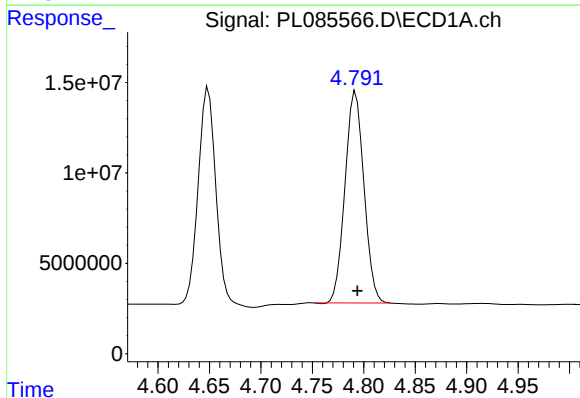
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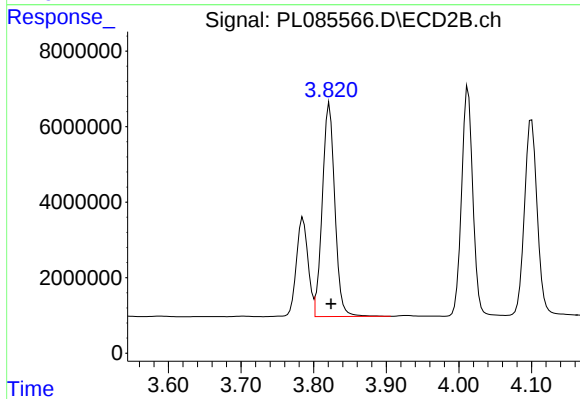
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: -0.001 min
Response: 65809671
Conc: 41.04 ng/ml



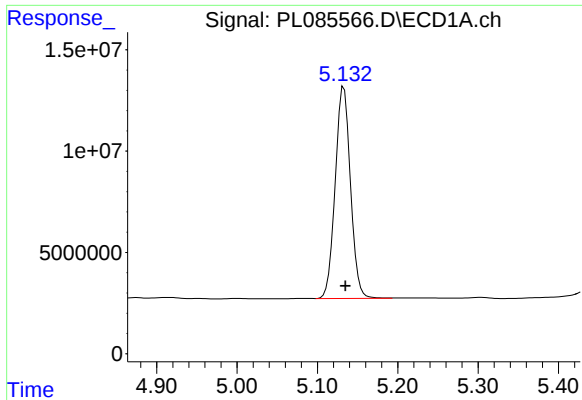
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 150178998
Conc: 44.49 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.002 min
Response: 67562137
Conc: 44.20 ng/ml



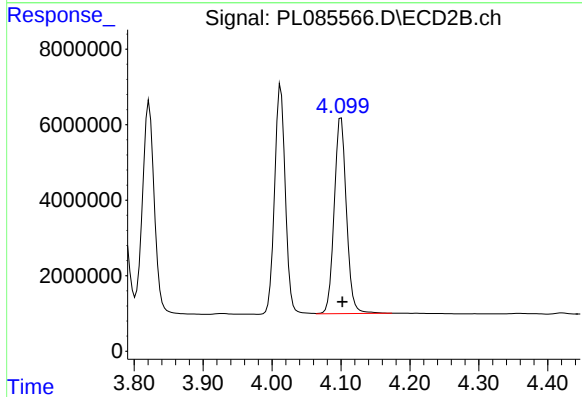
#5 Aldrin

R.T.: 5.133 min
Delta R.T.: -0.002 min
Response: 138197307
Conc: 41.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

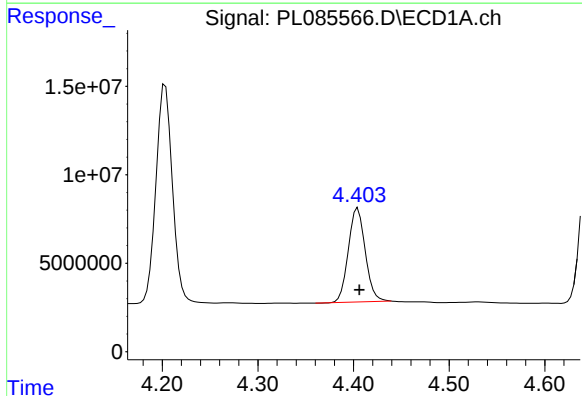
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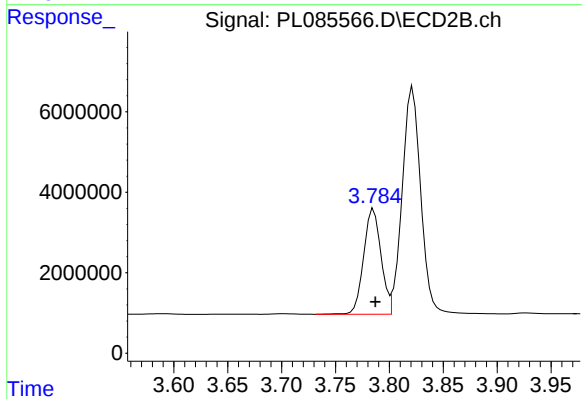
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.002 min
Response: 63762436
Conc: 41.78 ng/ml



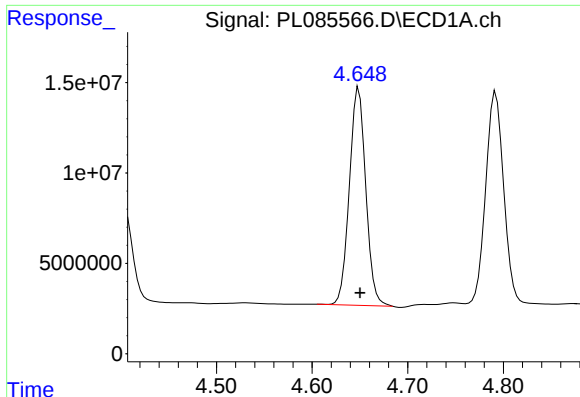
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: -0.002 min
Response: 65686693
Conc: 42.06 ng/ml



#6 beta-BHC

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 29268253
Conc: 43.39 ng/ml



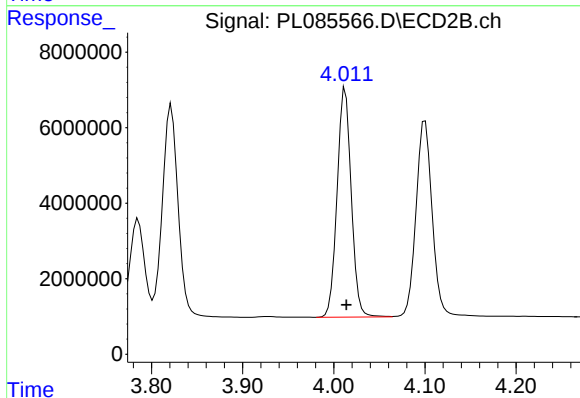
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: -0.001 min
Response: 144080273
Conc: 41.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

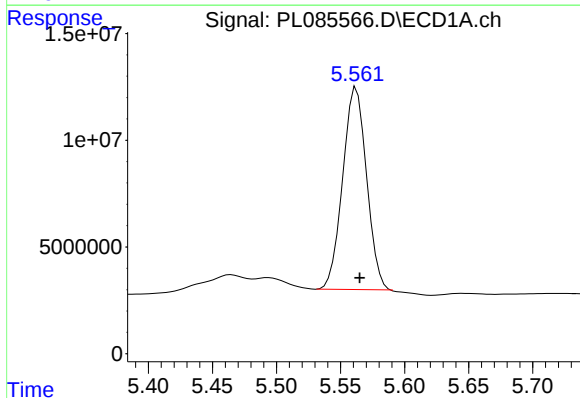
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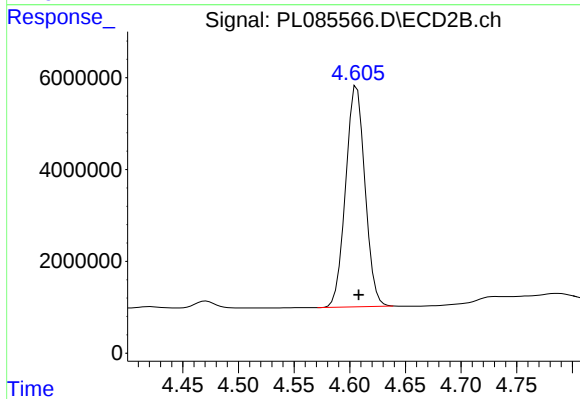
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 65339536
Conc: 42.20 ng/ml



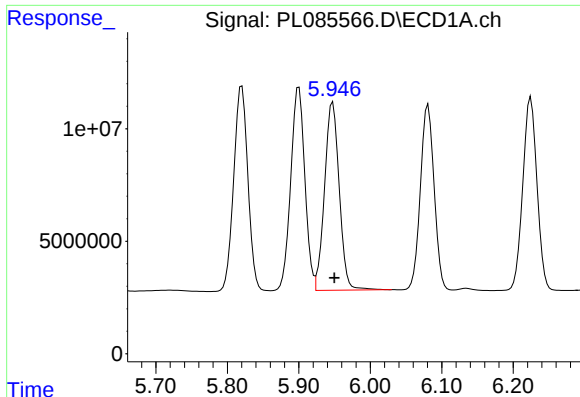
#8 Heptachlor epoxide

R.T.: 5.562 min
Delta R.T.: -0.003 min
Response: 122288721
Conc: 42.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.606 min
Delta R.T.: -0.002 min
Response: 58231099
Conc: 43.20 ng/ml



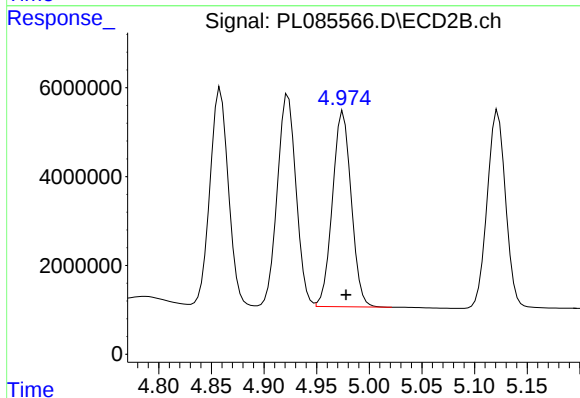
#9 Endosulfan I

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 119828800
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

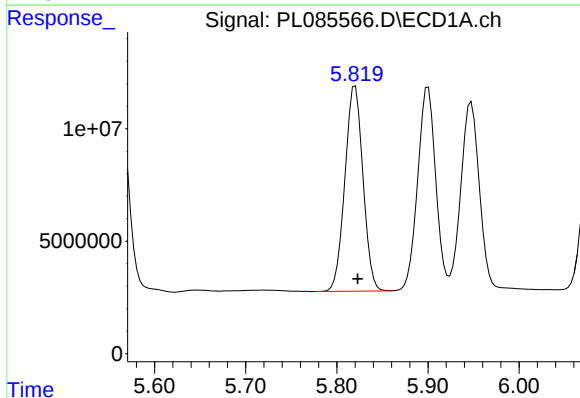
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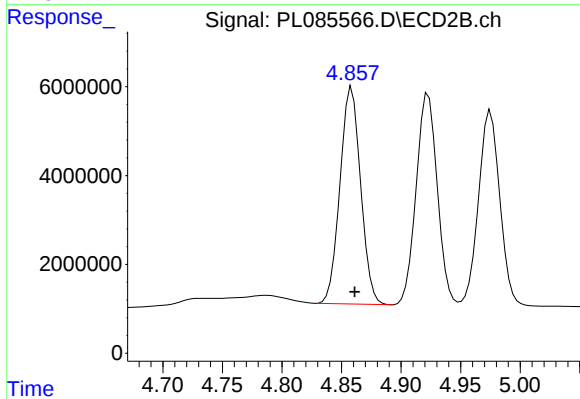
#9 Endosulfan I

R.T.: 4.975 min
Delta R.T.: -0.003 min
Response: 54700411
Conc: 42.82 ng/ml



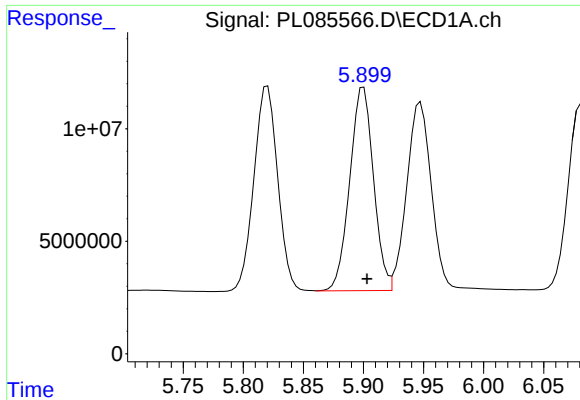
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 125822376
Conc: 43.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 58948803
Conc: 43.95 ng/ml



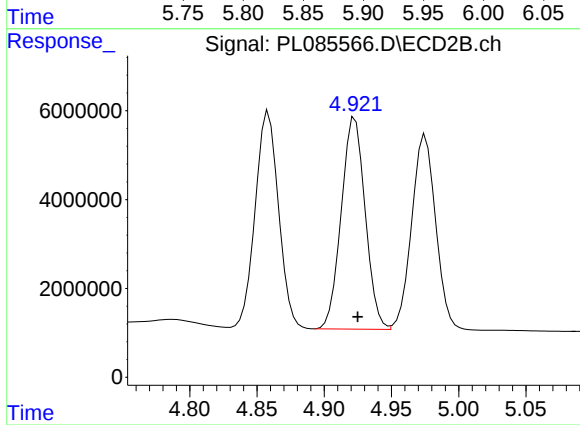
#11 alpha-Chlordane

R.T.: 5.900 min
Delta R.T.: -0.003 min
Response: 124433413
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

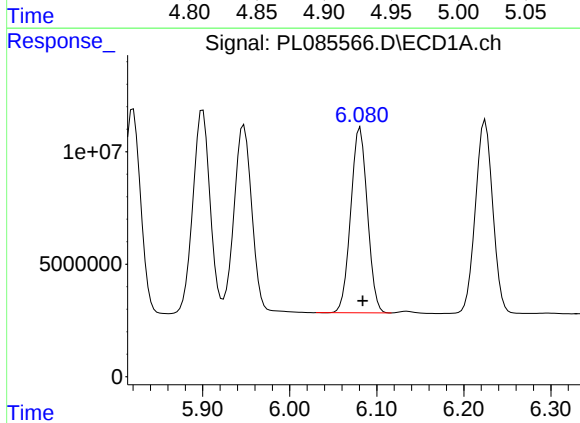
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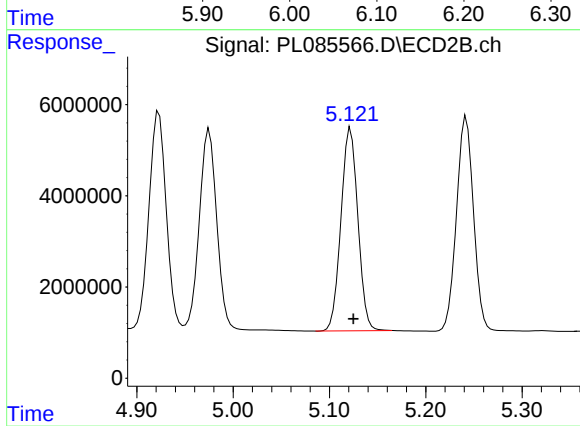
#11 alpha-Chlordane

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 58984448
Conc: 42.90 ng/ml



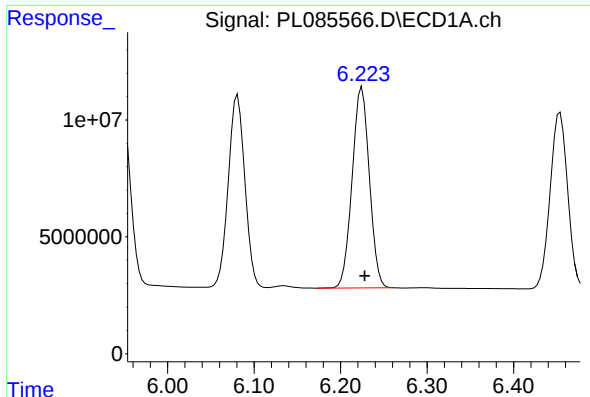
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 109590093
Conc: 44.12 ng/ml



#12 4,4'-DDE

R.T.: 5.122 min
Delta R.T.: -0.003 min
Response: 54218330
Conc: 45.04 ng/ml



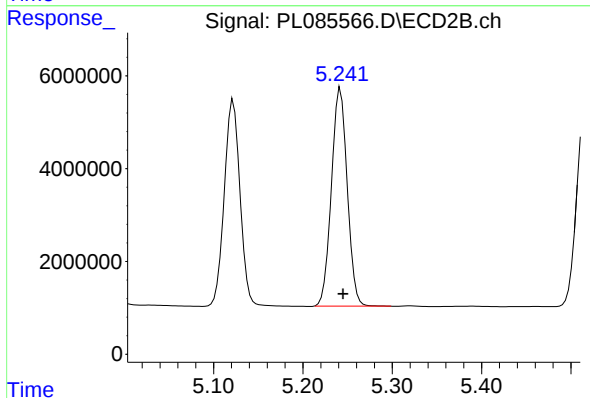
#13 Dieldrin

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 118562251
Conc: 41.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

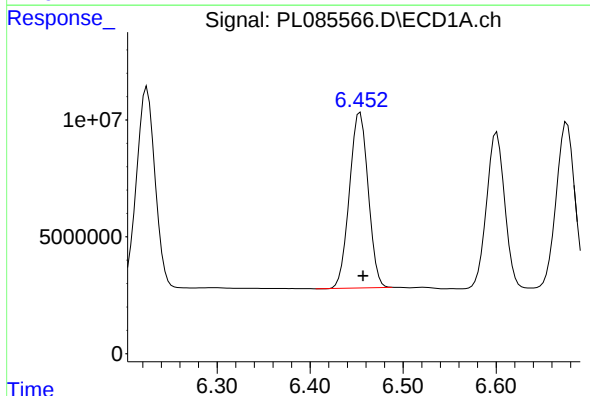
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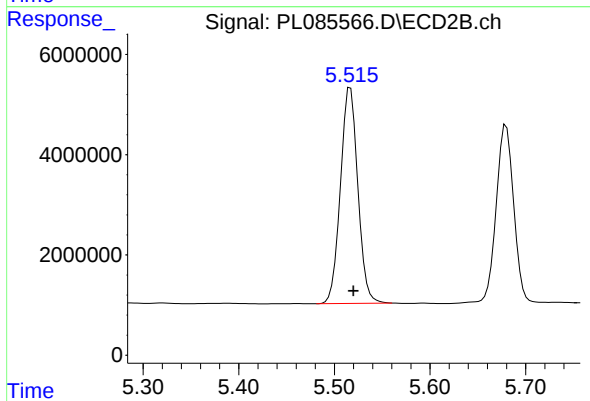
#13 Dieldrin

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 57777988
Conc: 42.28 ng/ml



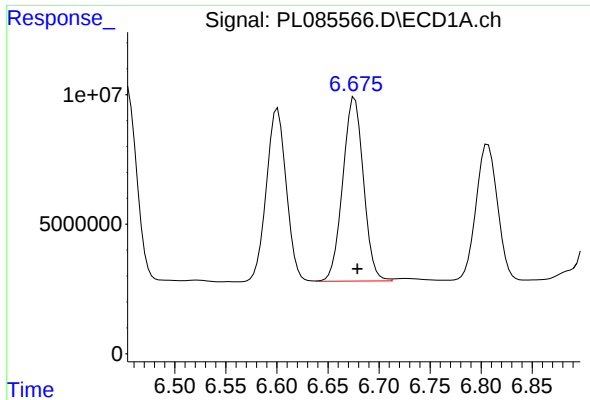
#14 Endrin

R.T.: 6.454 min
Delta R.T.: -0.003 min
Response: 105173853
Conc: 44.14 ng/ml



#14 Endrin

R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 54608899
Conc: 45.22 ng/ml



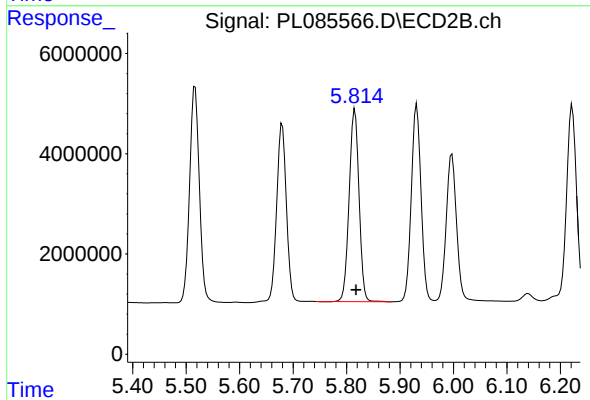
#15 Endosulfan II

R.T.: 6.676 min
Delta R.T.: -0.003 min
Response: 100098934
Conc: 38.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
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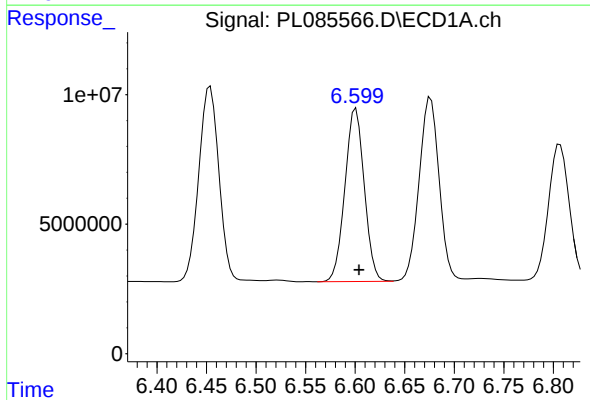
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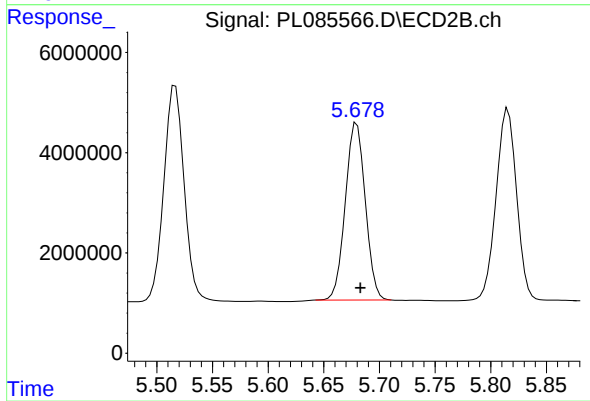
#15 Endosulfan II

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 49345691
Conc: 40.96 ng/ml



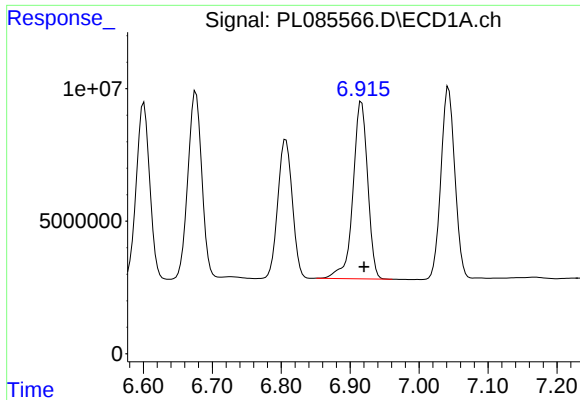
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 90630258
Conc: 45.19 ng/ml



#16 4,4'-DDD

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 44202326
Conc: 44.07 ng/ml



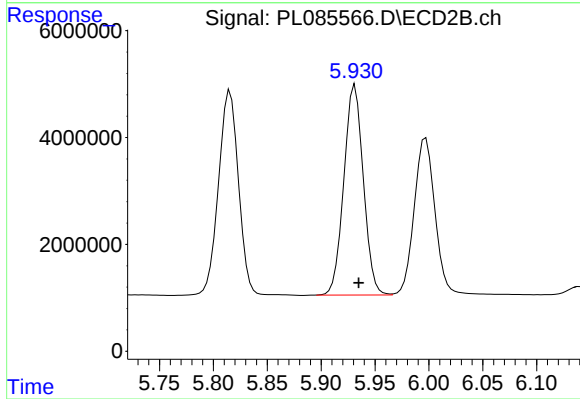
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: -0.004 min
Response: 98996915
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

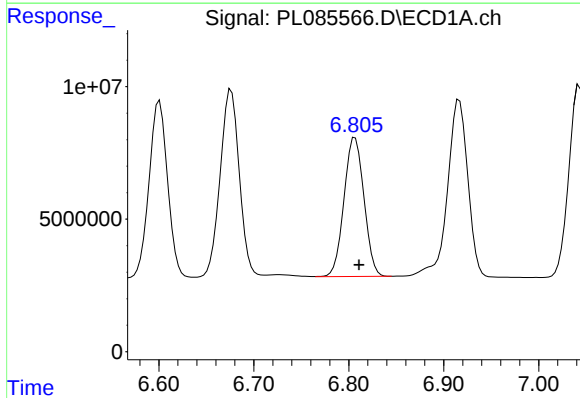
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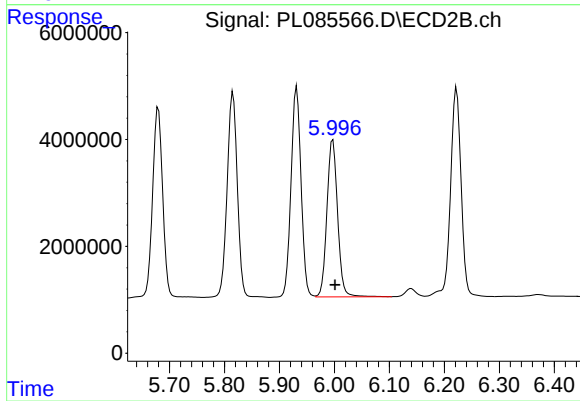
#17 4,4'-DDT

R.T.: 5.931 min
Delta R.T.: -0.004 min
Response: 49548830
Conc: 46.14 ng/ml



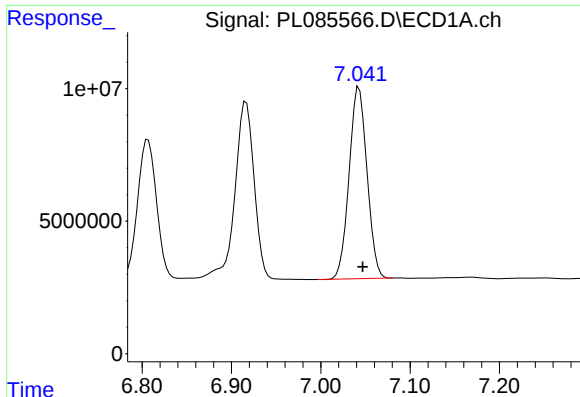
#18 Endrin aldehyde

R.T.: 6.807 min
Delta R.T.: -0.004 min
Response: 76768433
Conc: 42.58 ng/ml



#18 Endrin aldehyde

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 39668185
Conc: 40.35 ng/ml



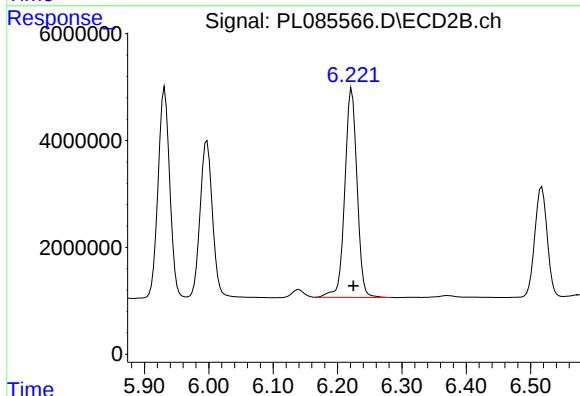
#19 Endosulfan Sulfate

R.T.: 7.043 min
Delta R.T.: -0.004 min
Response: 100860063
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

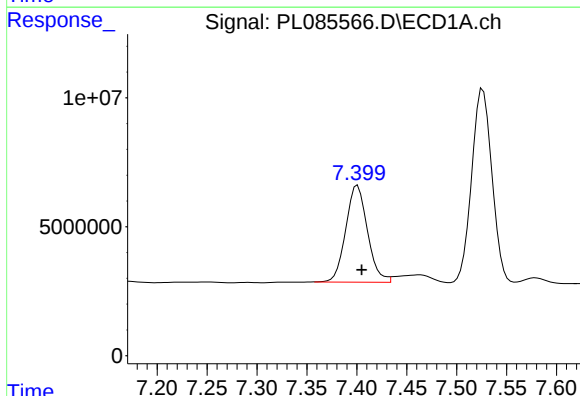
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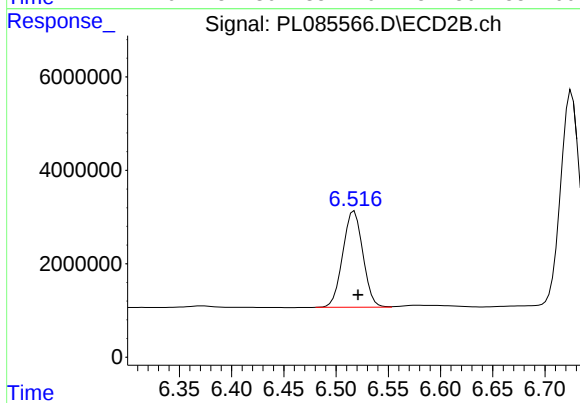
#19 Endosulfan Sulfate

R.T.: 6.221 min
Delta R.T.: -0.004 min
Response: 51853133
Conc: 45.76 ng/ml m



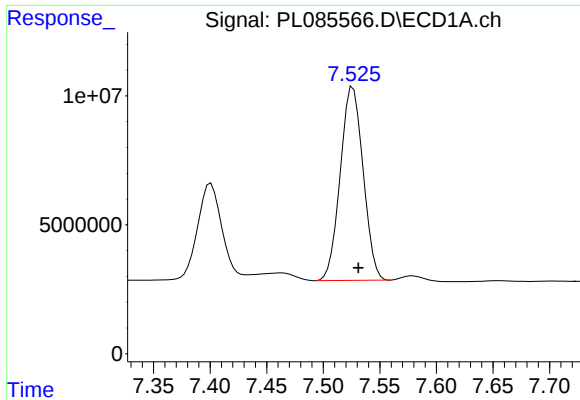
#20 Methoxychlor

R.T.: 7.401 min
Delta R.T.: -0.004 min
Response: 56721547
Conc: 42.58 ng/ml



#20 Methoxychlor

R.T.: 6.517 min
Delta R.T.: -0.004 min
Response: 27631425
Conc: 43.58 ng/ml



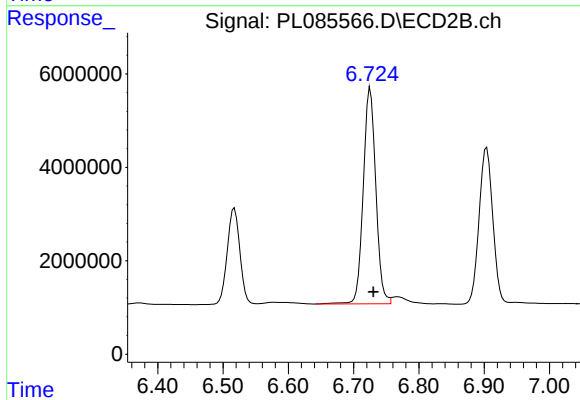
#21 Endrin ketone

R.T.: 7.526 min
Delta R.T.: -0.005 min
Response: 105557448
Conc: 42.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

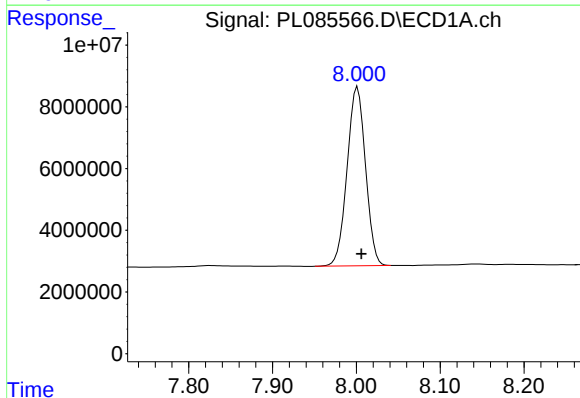
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/29/2023
Supervised By :Ankita Jodhani 10/02/2023



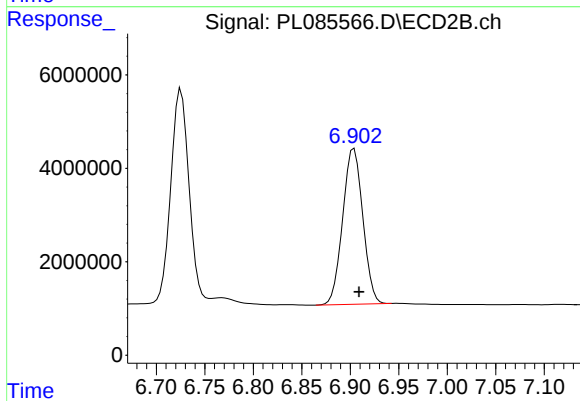
#21 Endrin ketone

R.T.: 6.726 min
Delta R.T.: -0.005 min
Response: 61783481
Conc: 39.47 ng/ml



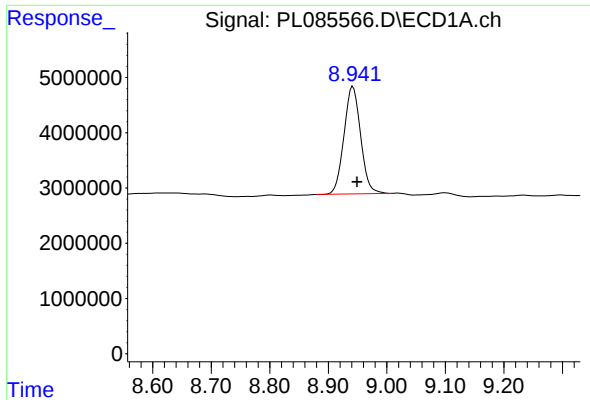
#22 Mirex

R.T.: 8.001 min
Delta R.T.: -0.005 min
Response: 88697503
Conc: 44.88 ng/ml



#22 Mirex

R.T.: 6.904 min
Delta R.T.: -0.005 min
Response: 48161972
Conc: 42.63 ng/ml



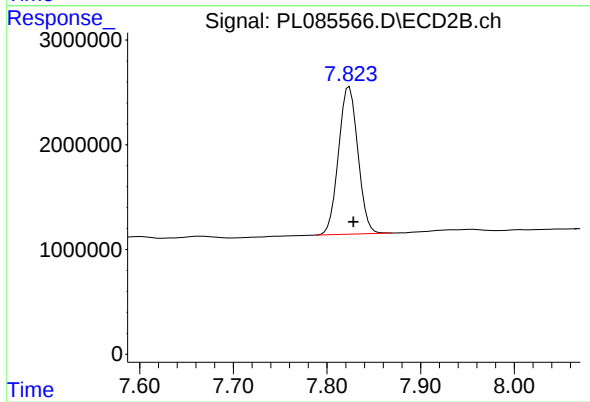
#28 Decachlorobiphenyl

R.T.: 8.942 min
Delta R.T.: -0.007 min
Response: 38454205
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
280-300FB-BACKFILL-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: -0.004 min
Response: 20256730
Conc: 17.06 ng/ml