

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 21:45
 Operator : AR\AJ
 Sample : 05909-08MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SD-46MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/26/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:09:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.678	47586020	19049576	12.644	11.317
2)	SA Decachlor...	8.978	7.864	41078808	18536246	12.047	10.975m
Target Compounds							
2)	A alpha-BHC	3.878	3.181	189.1E6	76609098	34.931	31.172m
3)	MA gamma-BHC...	4.212	3.513	178.7E6	74584977	33.992	30.790
4)	MA Heptachlor	4.803	3.855	180.2E6	72472551	33.834m	30.320
5)	MB Aldrin	5.145	4.134	169.6E6	70389222	32.579m	29.356m
6)	B beta-BHC	4.411	3.814	80366332	32192391	34.991	30.925
7)	B delta-BHC	4.656	4.043	171.4E6	70539097	32.784m	28.836
8)	B Heptachlo...	5.577	4.643	156.3E6	65758387	33.157	29.550
9)	A Endosulfan I	5.963	5.014	149.6E6	95397297	33.486	44.141 #
10)	B gamma-Chl...	5.834	4.896	234.7E6	66307799	48.407	28.989 #
11)	B alpha-Chl...	5.915	4.960	158.1E6	67953281	32.897	29.442
12)	B 4,4'-DDE	6.095	5.158	129.0E6	58703178	31.131	29.566
13)	MA Dieldrin	6.241	5.281	145.1E6	61900762	31.258	27.786
14)	MA Endrin	6.471	5.556	117.3E6	54722497	30.488	27.421
15)	B Endosulfa...	6.693	5.854	122.3E6	53640891	30.489	27.550
16)	A 4,4'-DDD	6.616	5.717	115.8E6	56180854	35.027	33.931
17)	MA 4,4'-DDT	6.934	5.970	107.3E6	47865267	28.546	25.953
18)	B Endrin al...	6.824	6.036	98063661	42937576	33.834	29.257
19)	B Endosulfa...	7.061	6.259	131.2E6	55672812	33.404	29.553m
20)	A Methoxychlor	7.418	6.554	58142513	29091330	29.818	28.482m
21)	B Endrin ke...	7.545	6.765	133.0E6	65221439	32.681m	30.639m
22)	Mirex	8.023	6.948	109.1E6	50982500	32.388m	28.656

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122223\
 Data File : PL087389.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 21:45
 Operator : AR\AJ
 Sample : 05909-08MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

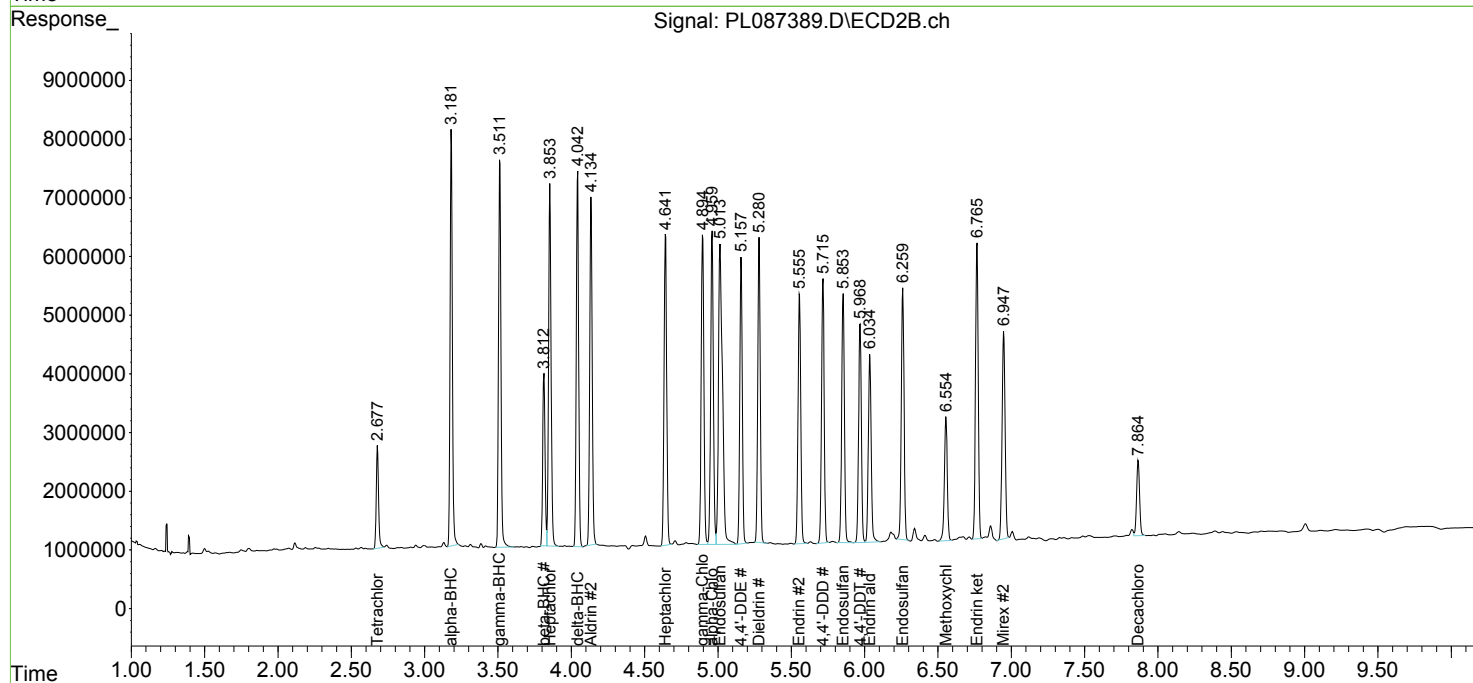
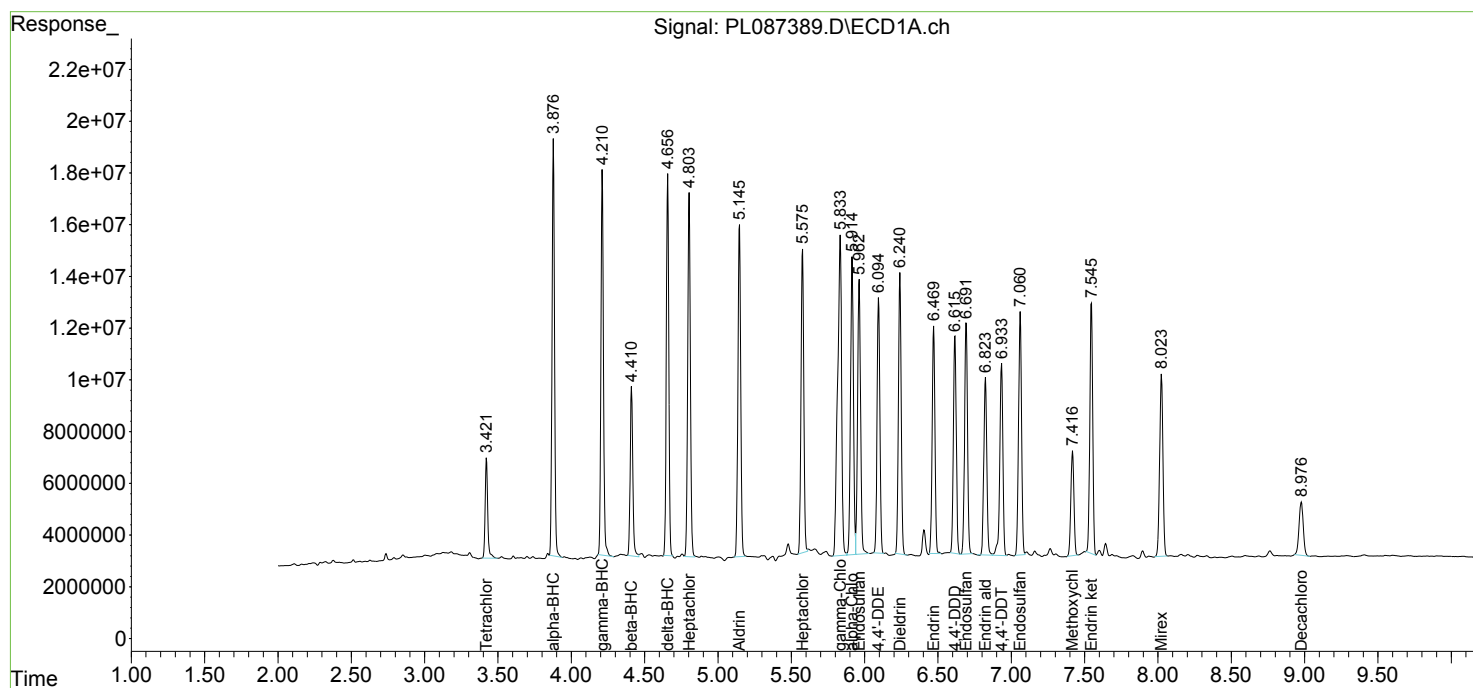
Instrument :
 ECD_L
 ClientSampleId :
 GHL-SD-46MS

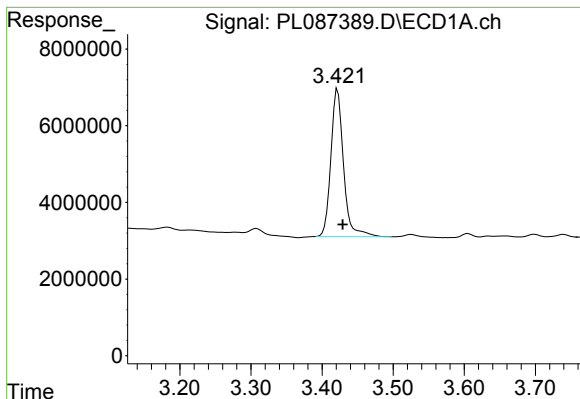
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 23 05:09:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
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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





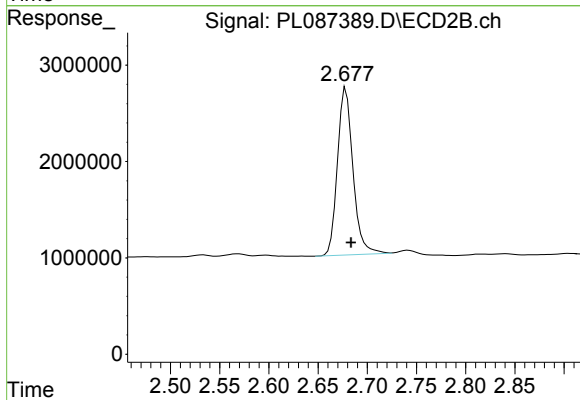
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 47586020
Conc: 12.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

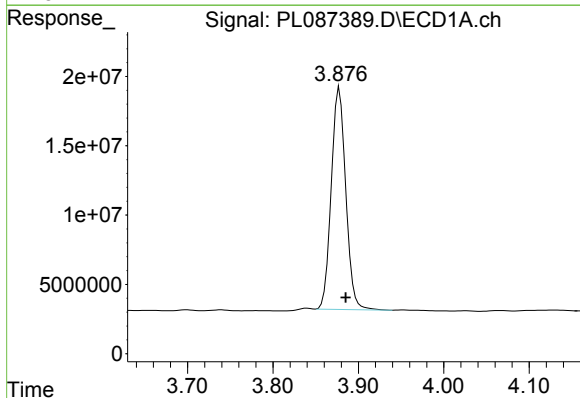
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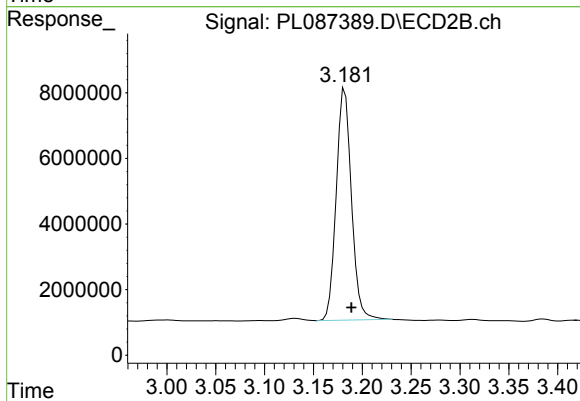
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 19049576
Conc: 11.32 ng/ml



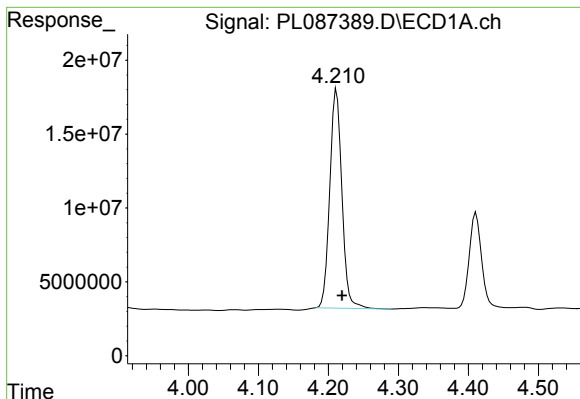
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 189119665
Conc: 34.93 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 76609098
Conc: 31.17 ng/ml m



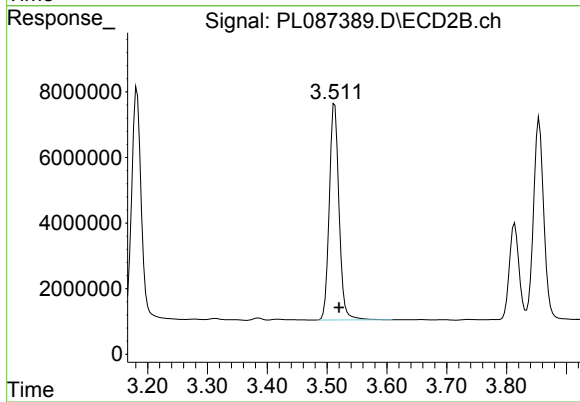
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 178652589
Conc: 33.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

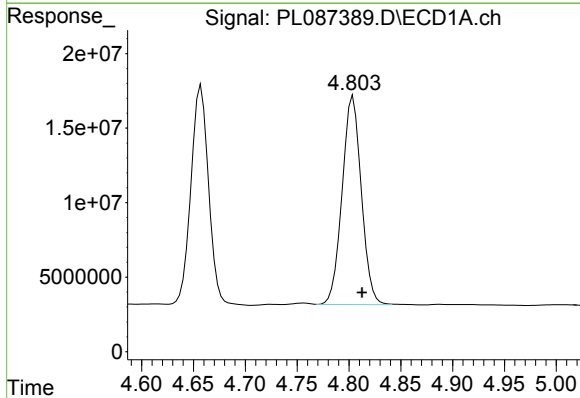
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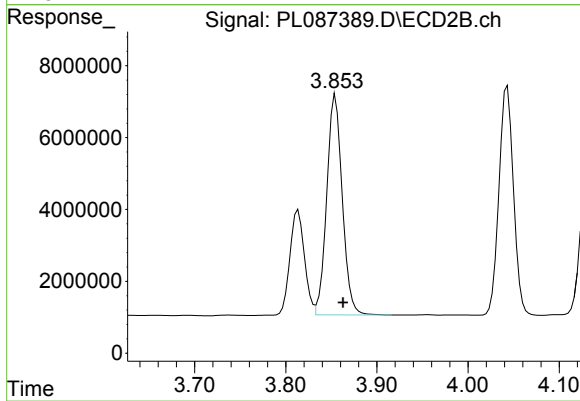
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 74584977
Conc: 30.79 ng/ml



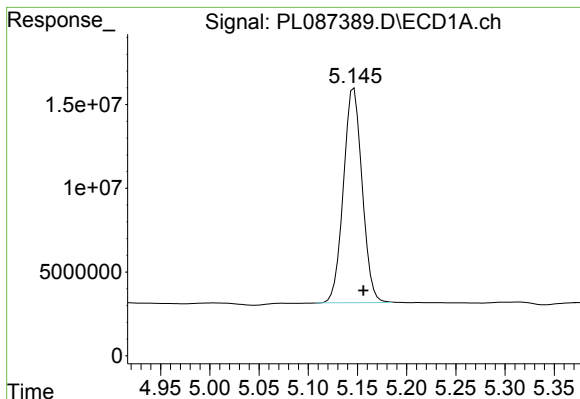
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 180217568
Conc: 33.83 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 72472551
Conc: 30.32 ng/ml



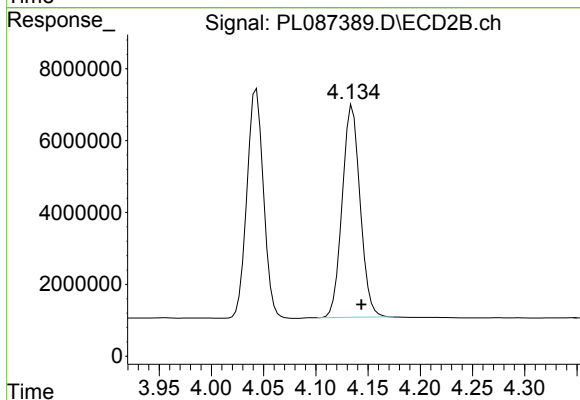
#5 Aldrin

R.T.: 5.145 min
Delta R.T.: -0.011 min
Response: 169618383
Conc: 32.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

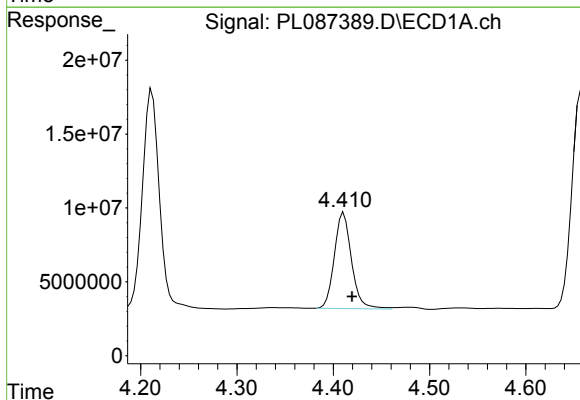
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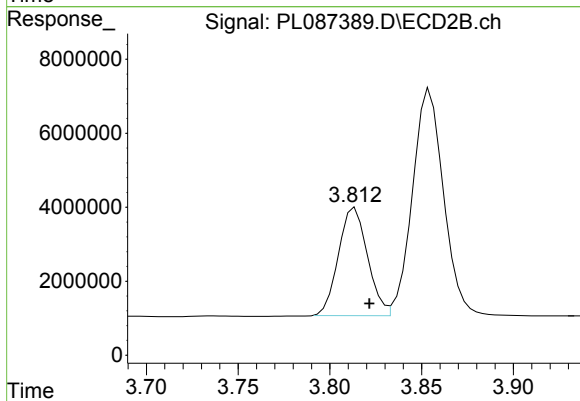
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 70389222
Conc: 29.36 ng/ml m



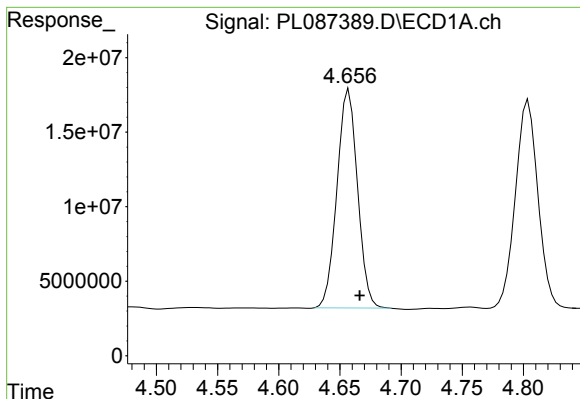
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 80366332
Conc: 34.99 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 32192391
Conc: 30.92 ng/ml



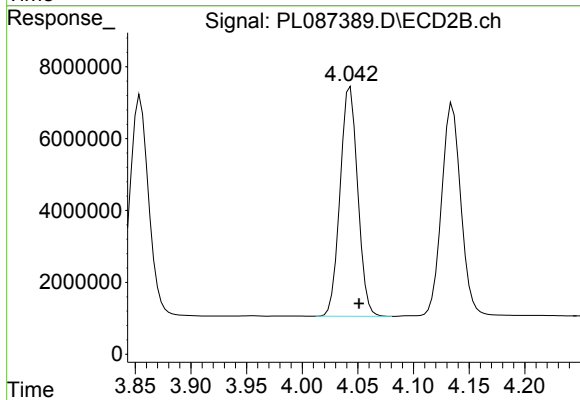
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 171438697
Conc: 32.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

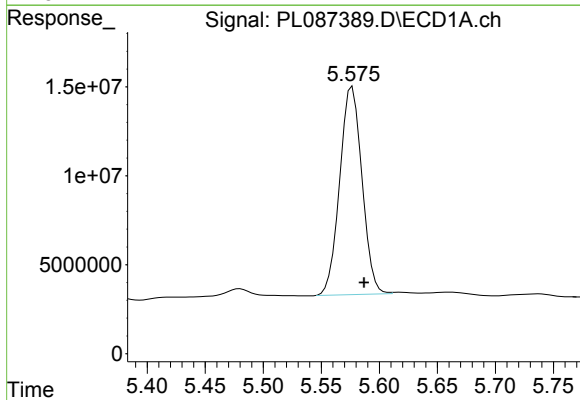
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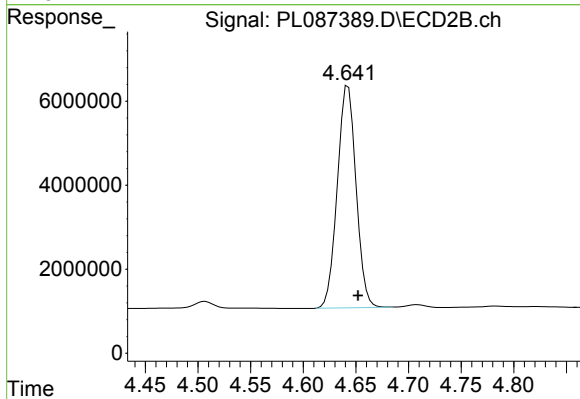
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 70539097
Conc: 28.84 ng/ml



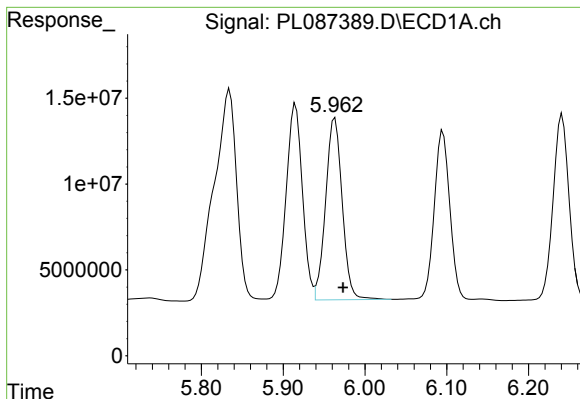
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 156260975
Conc: 33.16 ng/ml



#8 Heptachlor epoxide

R.T.: 4.643 min
Delta R.T.: -0.009 min
Response: 65758387
Conc: 29.55 ng/ml



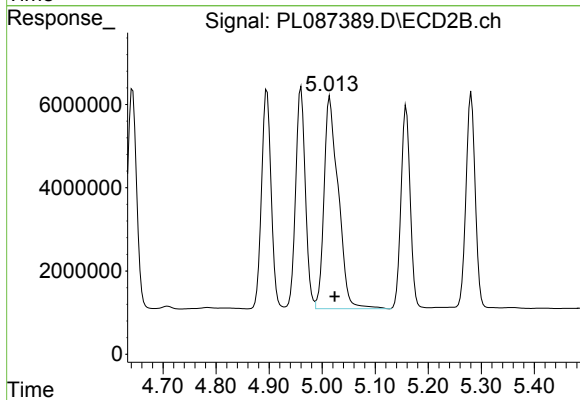
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 149557510
Conc: 33.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

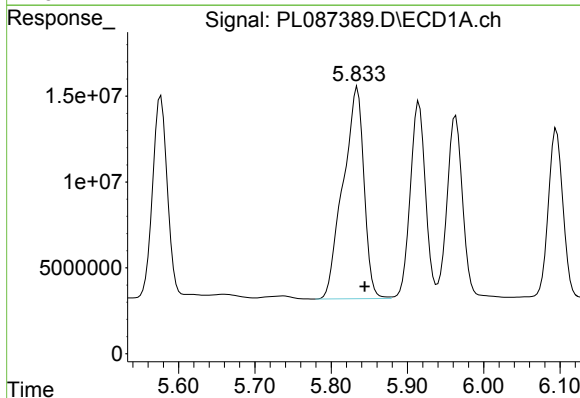
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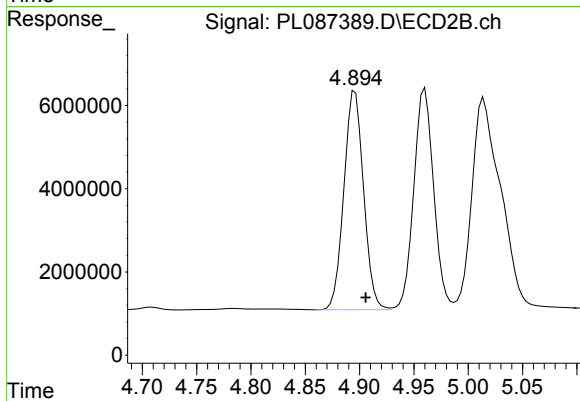
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 95397297
Conc: 44.14 ng/ml



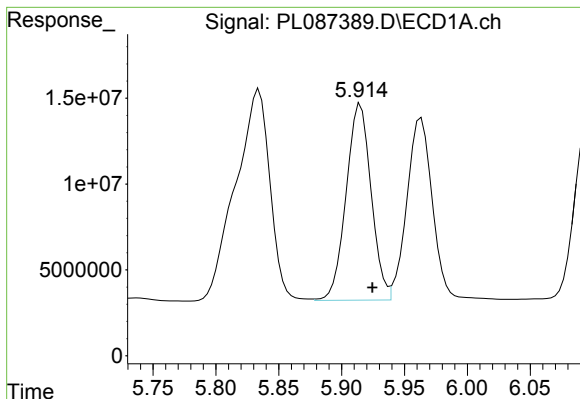
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.009 min
Response: 234680187
Conc: 48.41 ng/ml



#10 gamma-Chlordane

R.T.: 4.896 min
Delta R.T.: -0.010 min
Response: 66307799
Conc: 28.99 ng/ml



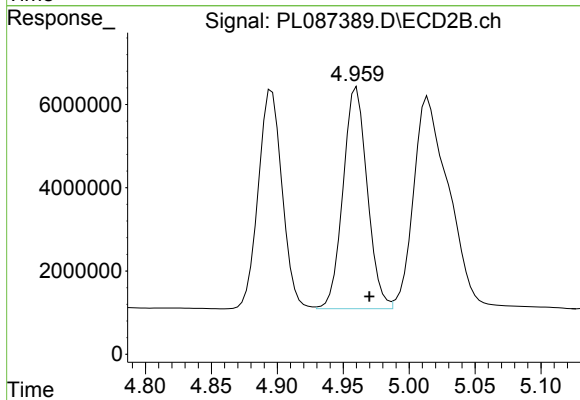
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.009 min
Response: 158105249
Conc: 32.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

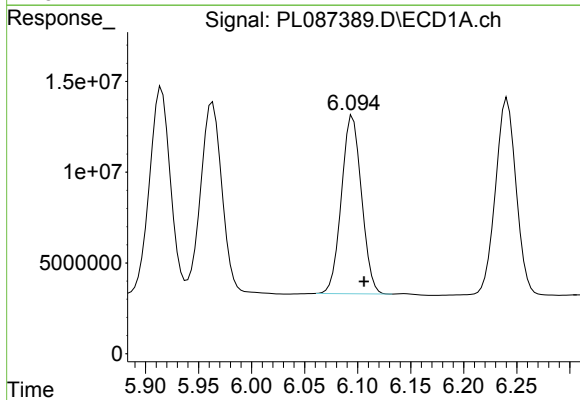
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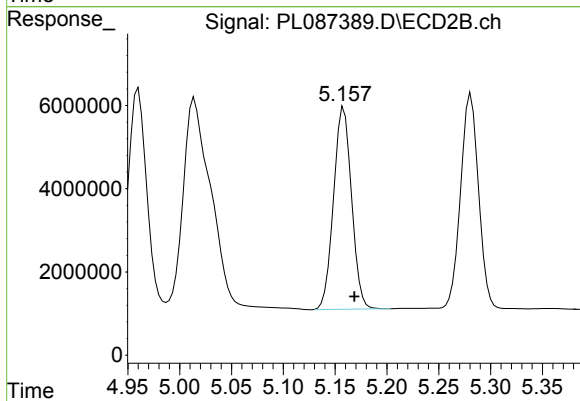
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 67953281
Conc: 29.44 ng/ml



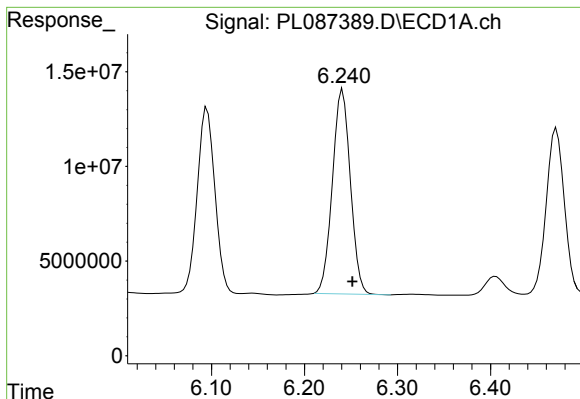
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.011 min
Response: 129007519
Conc: 31.13 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.010 min
Response: 58703178
Conc: 29.57 ng/ml



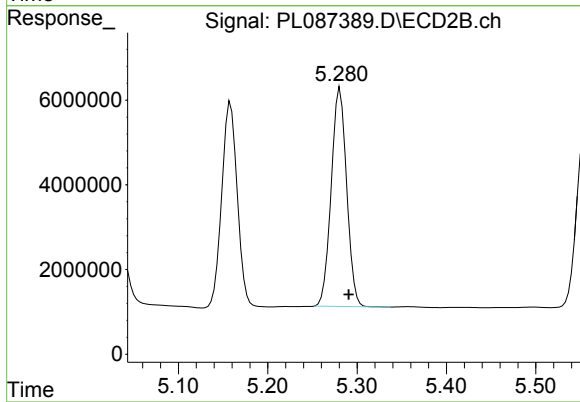
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 145064643
Conc: 31.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

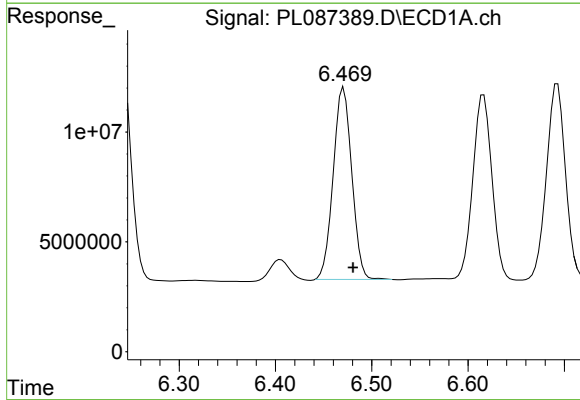
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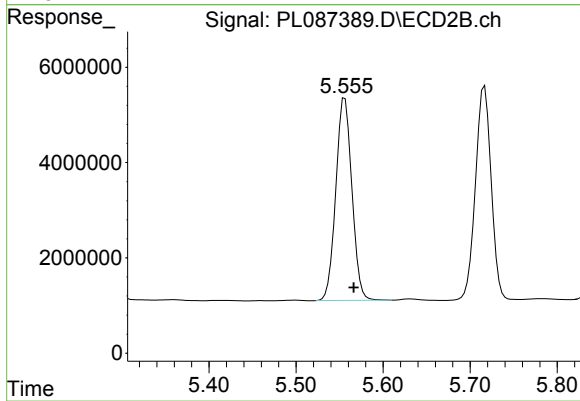
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 61900762
Conc: 27.79 ng/ml



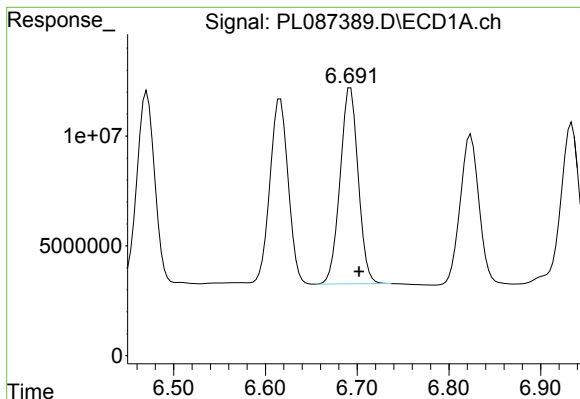
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 117298153
Conc: 30.49 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 54722497
Conc: 27.42 ng/ml



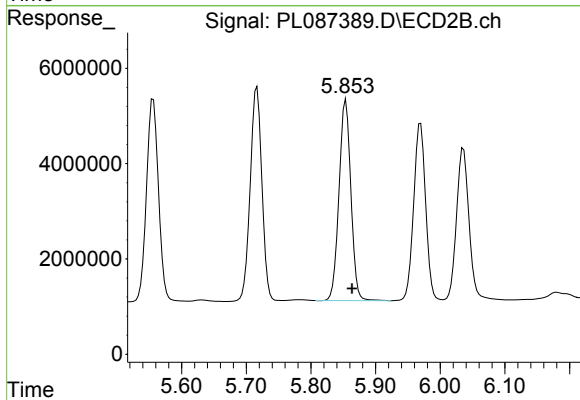
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 122274109
Conc: 30.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

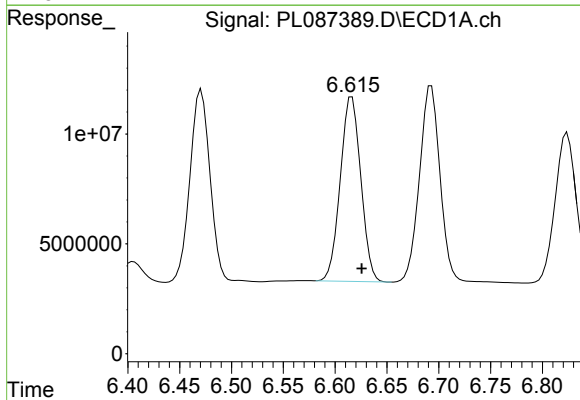
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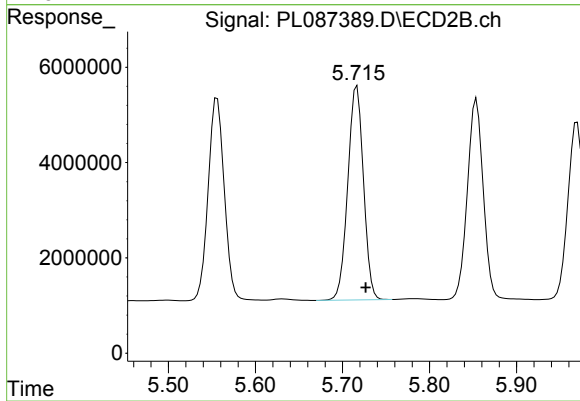
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 53640891
Conc: 27.55 ng/ml



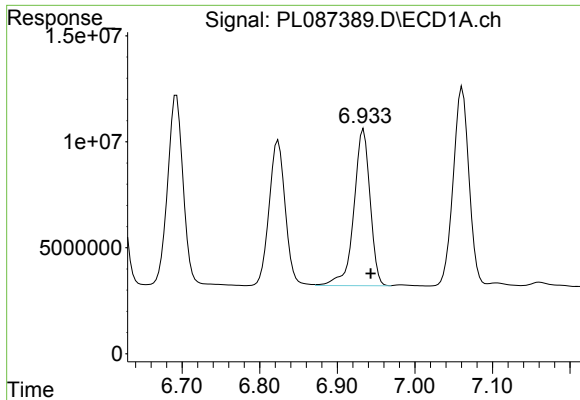
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 115769270
Conc: 35.03 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.010 min
Response: 56180854
Conc: 33.93 ng/ml



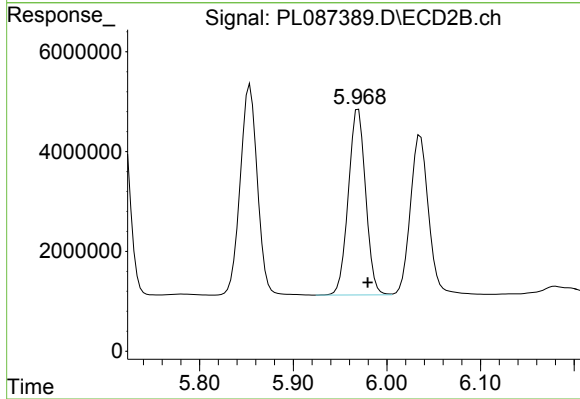
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 107337683
Conc: 28.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

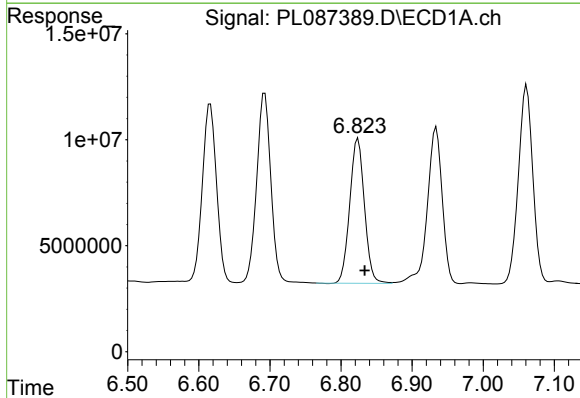
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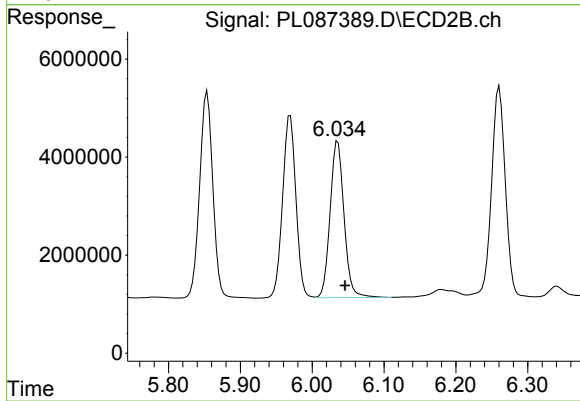
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.010 min
Response: 47865267
Conc: 25.95 ng/ml



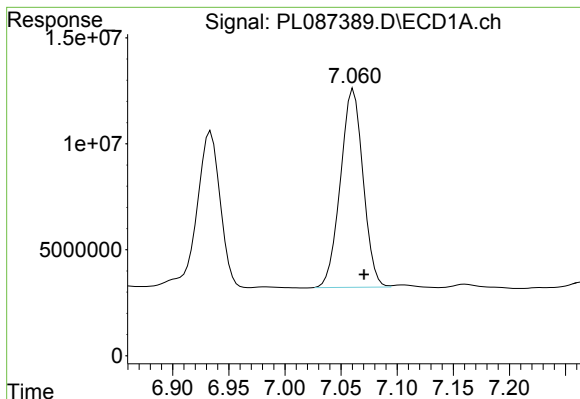
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.010 min
Response: 98063661
Conc: 33.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 42937576
Conc: 29.26 ng/ml



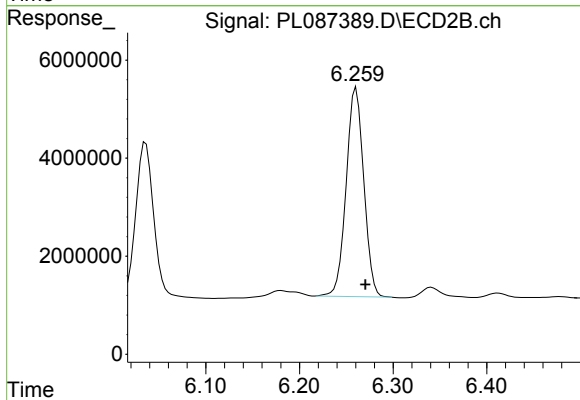
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 131171072
Conc: 33.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

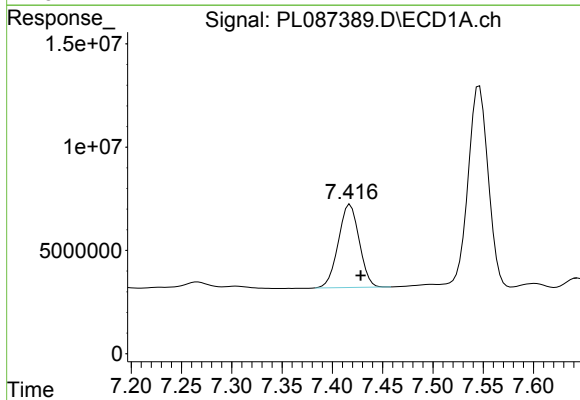
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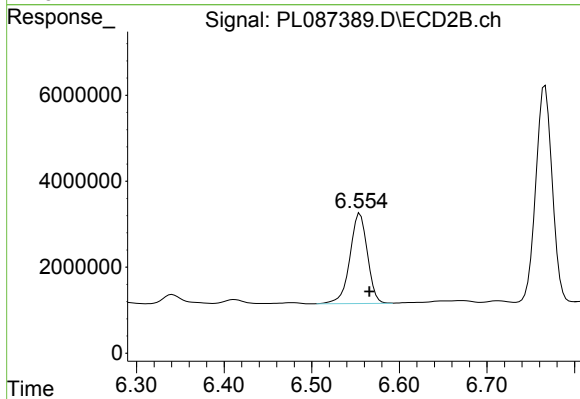
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: -0.011 min
Response: 55672812
Conc: 29.55 ng/ml m



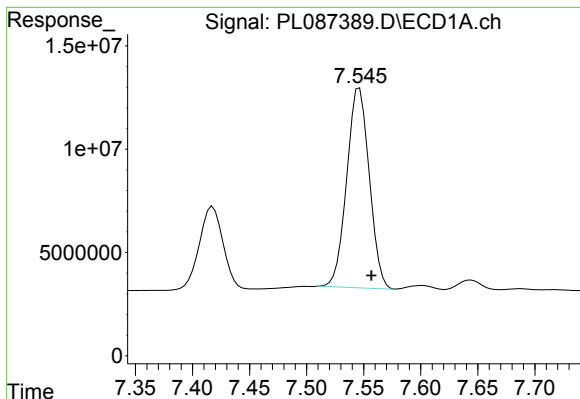
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 58142513
Conc: 29.82 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.012 min
Response: 29091330
Conc: 28.48 ng/ml m



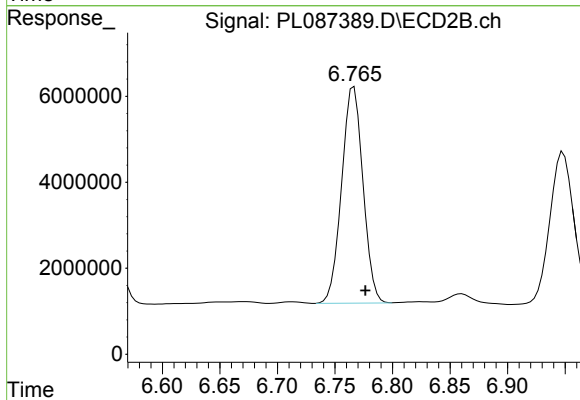
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.012 min
Response: 132955927
Conc: 32.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SD-46MS

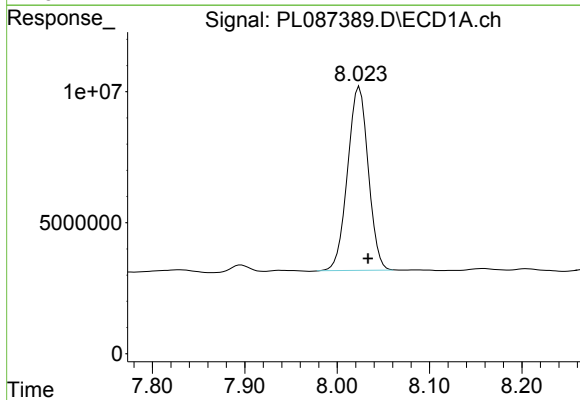
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



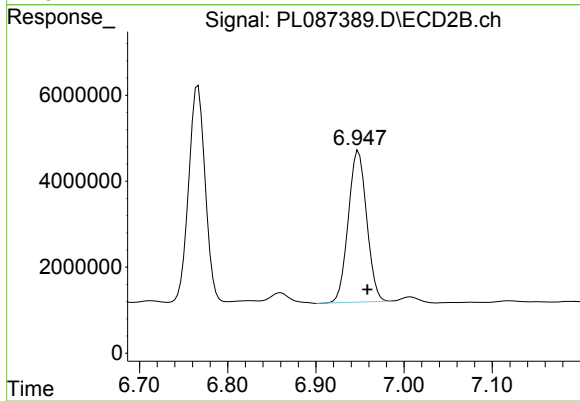
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 65221439
Conc: 30.64 ng/ml m



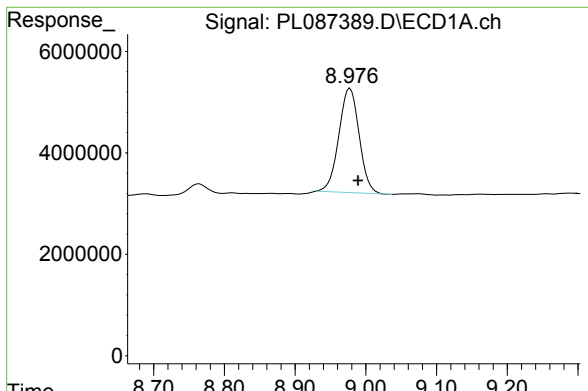
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 109083511
Conc: 32.39 ng/ml m



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.010 min
Response: 50982500
Conc: 28.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.012 min
Response: 41078808
Conc: 12.05 ng/ml

Instrument :

ECD_L

ClientSampleId :

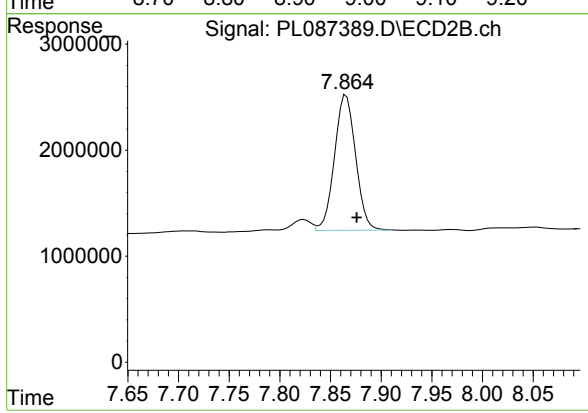
GHL-SD-46MS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 18536246
Conc: 10.97 ng/ml m