

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011224\
 Data File : PL087747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2024 13:19
 Operator : AR\AJ
 Sample : PB158403BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158403BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/15/2024
 Supervised By :Ankita Jodhani 01/15/2024

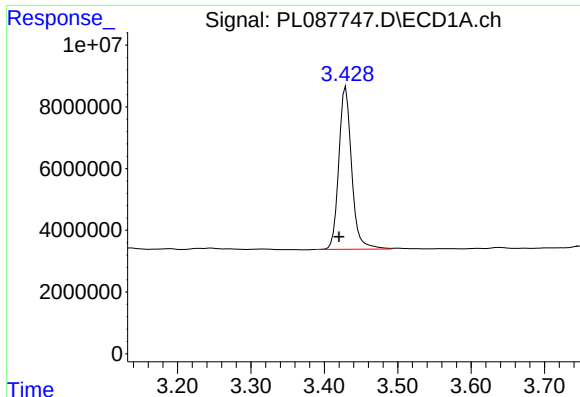
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 19:32:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.429	2.674	63964068	26494604	21.366	21.872
2)	SA Decachlor...	8.998f	7.867	63163098	28392178	22.178	22.412
Target Compounds							
2)	A alpha-BHC	3.887	3.179	220.4E6	92164249	49.126	50.006
3)	MA gamma-BHC...	4.221	3.510	206.1E6	86404528	47.245	47.546
4)	MA Heptachlor	4.814	3.852	216.1E6	89454084	49.172	50.227
5)	MB Aldrin	5.158	4.132	199.9E6	83942170	46.643	47.562
6)	B beta-BHC	4.421	3.812	86072211	35999799	46.263	47.068
7)	B delta-BHC	4.668	4.041	200.1E6	83356469	47.542	48.019
8)	B Heptachlo...	5.589	4.641	183.9E6	74836810	48.004	46.955
9)	A Endosulfan I	5.975	5.012	171.9E6	71553266	47.684	46.254
10)	B gamma-Chl...	5.845	4.894	190.4E6	78090751	49.263m	48.381
11)	B alpha-Chl...	5.926	4.959	182.4E6	77366568	47.466m	46.617
12)	B 4,4'-DDE	6.110	5.157	154.9E6	67565351	48.456	50.230
13)	MA Dieldrin	6.254	5.280	175.2E6	76327528	47.024	48.031
14)	MA Endrin	6.484	5.555	146.0E6	69543701	46.478	49.044
15)	B Endosulfa...	6.706	5.853	141.4E6	62161109	44.097	45.407
16)	A 4,4'-DDD	6.631	5.716	121.3E6	59080076	47.037	52.396
17)	MA 4,4'-DDT	6.948	5.969	140.9E6	61943081	49.282	49.770
18)	B Endrin al...	6.838	6.036	115.8E6	52828464	46.048	45.455
19)	B Endosulfa...	7.074	6.261	149.0E6	66022888	48.732	50.296
20)	A Methoxychlor	7.434	6.555	75211352	34159744	46.324	46.408
21)	B Endrin ke...	7.560	6.767	159.0E6	76173105	48.892	49.687
22)	Mirex	8.038	6.949	128.1E6	61388102	45.693	45.765

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



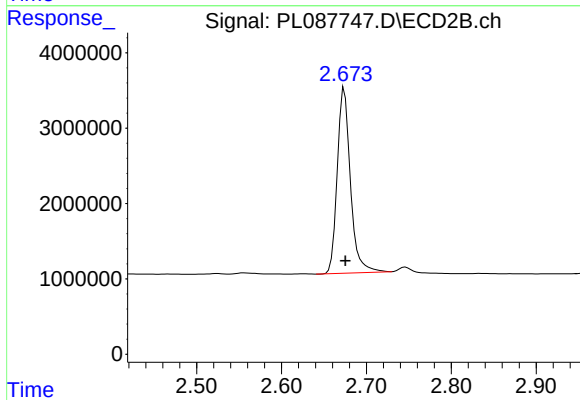
#1 Tetrachloro-m-xylene

R.T.: 3.429 min
Delta R.T.: 0.009 min
Response: 63964068
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

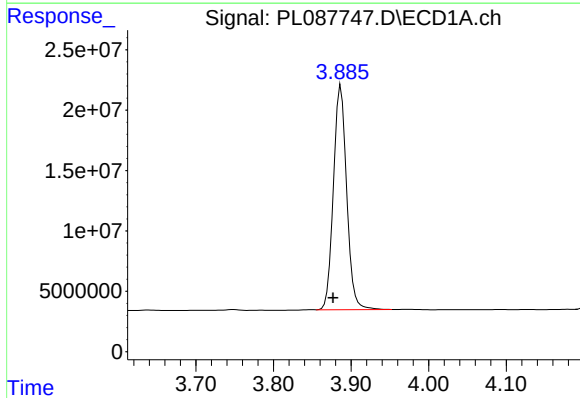
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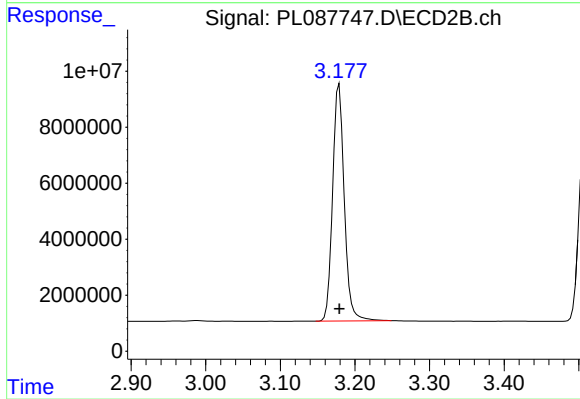
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 26494604
Conc: 21.87 ng/ml



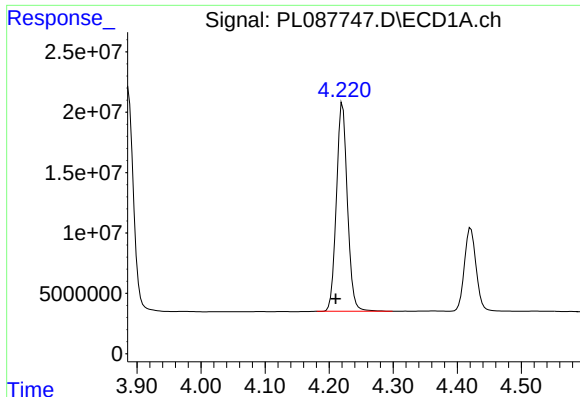
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.010 min
Response: 220424193
Conc: 49.13 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 92164249
Conc: 50.01 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.011 min
Response: 206068405
Conc: 47.25 ng/ml

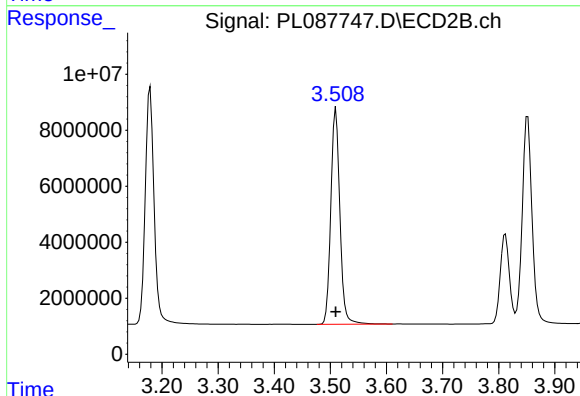
Instrument :

ECD_L

ClientSampleId :
PB158403BS

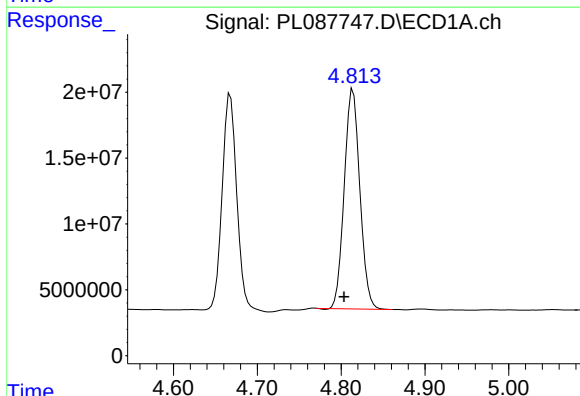
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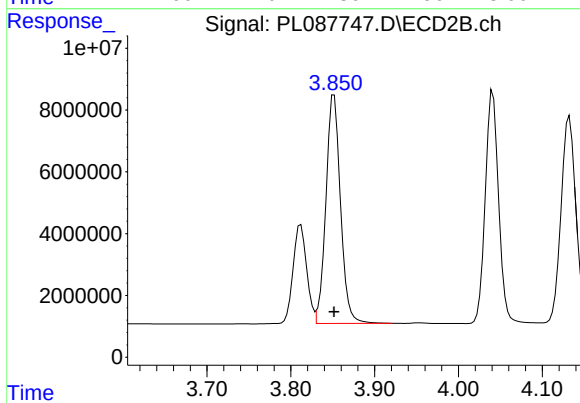
#3 gamma-BHC (Lindane)

R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 86404528
Conc: 47.55 ng/ml



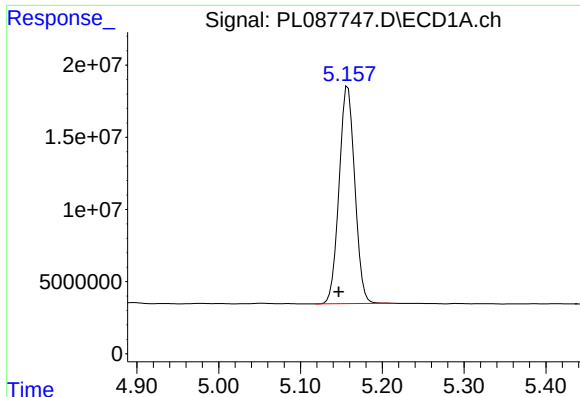
#4 Heptachlor

R.T.: 4.814 min
Delta R.T.: 0.011 min
Response: 216066511
Conc: 49.17 ng/ml



#4 Heptachlor

R.T.: 3.852 min
Delta R.T.: 0.000 min
Response: 89454084
Conc: 50.23 ng/ml



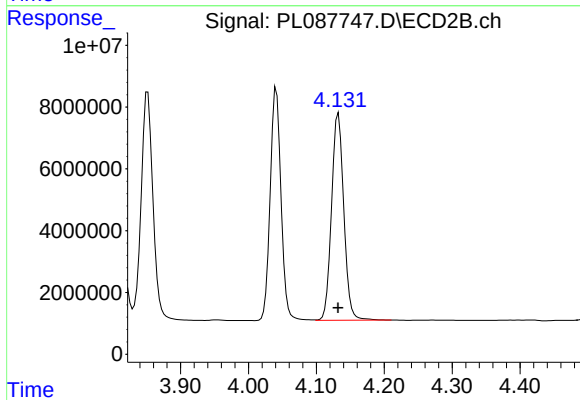
#5 Aldrin

R.T.: 5.158 min
Delta R.T.: 0.011 min
Response: 199907997
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

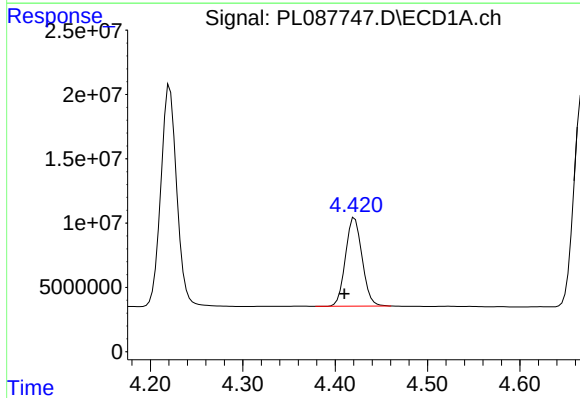
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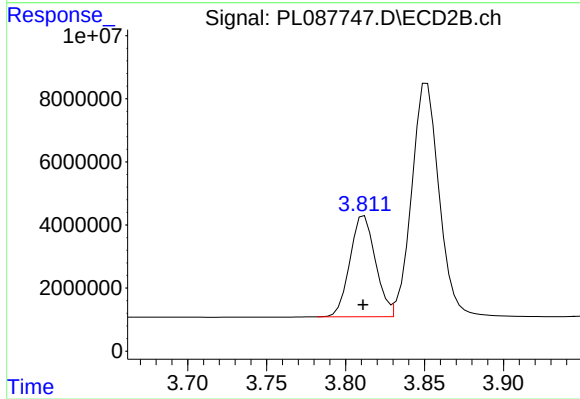
#5 Aldrin

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 83942170
Conc: 47.56 ng/ml



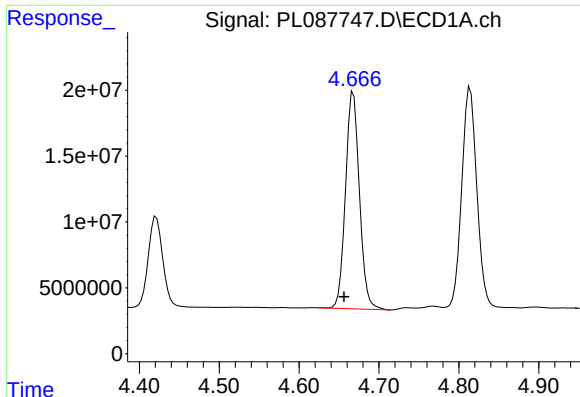
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.011 min
Response: 86072211
Conc: 46.26 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: 0.000 min
Response: 35999799
Conc: 47.07 ng/ml



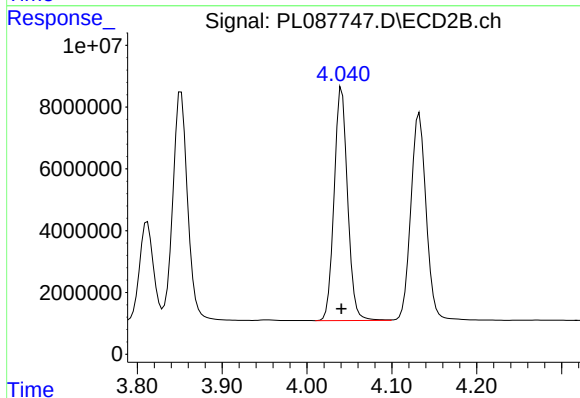
#7 delta-BHC

R.T.: 4.668 min
Delta R.T.: 0.012 min
Response: 200052937
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

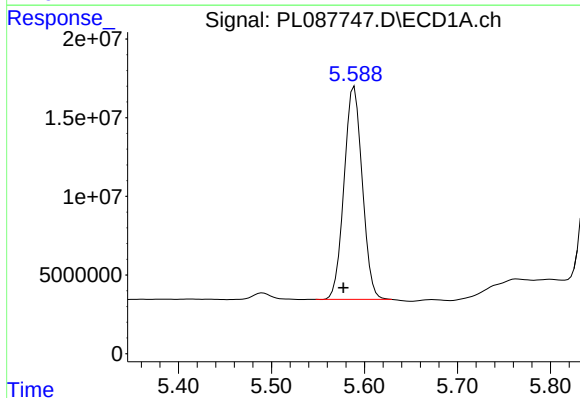
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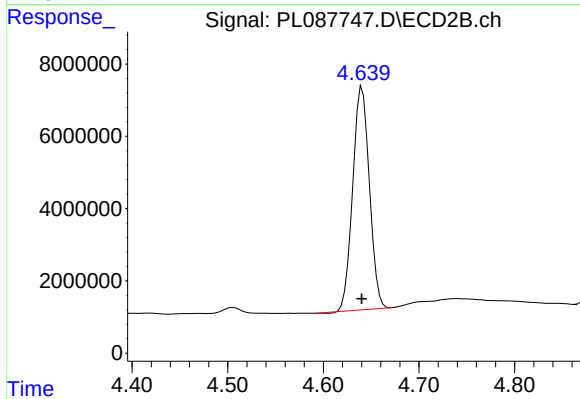
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 83356469
Conc: 48.02 ng/ml



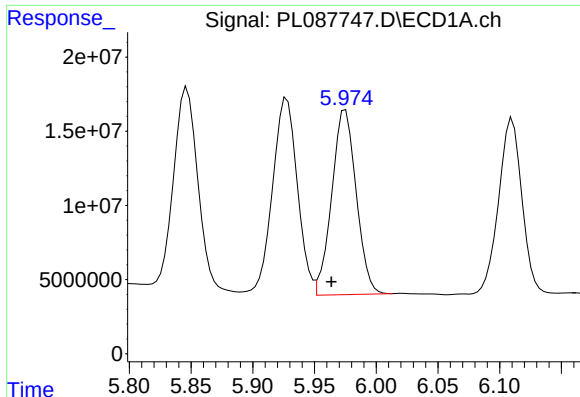
#8 Heptachlor epoxide

R.T.: 5.589 min
Delta R.T.: 0.012 min
Response: 183913851
Conc: 48.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 74836810
Conc: 46.96 ng/ml



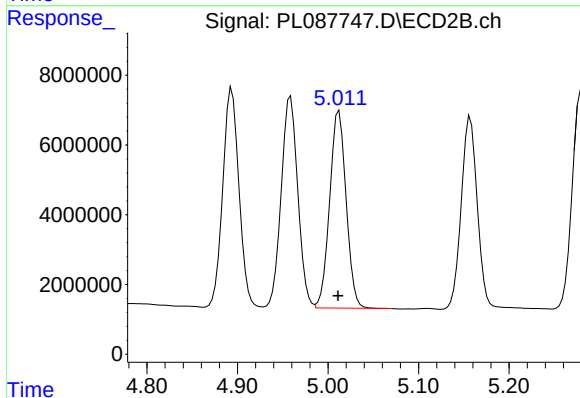
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: 0.011 min
Response: 171949290
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

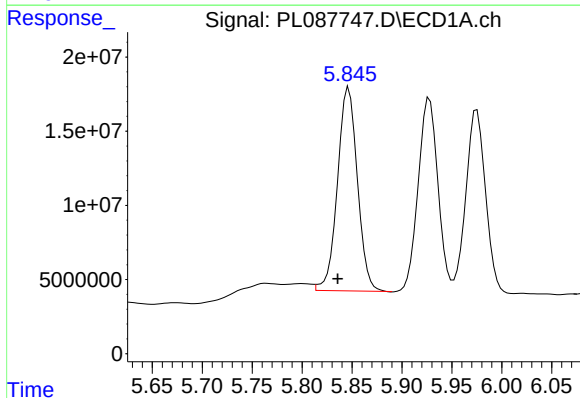
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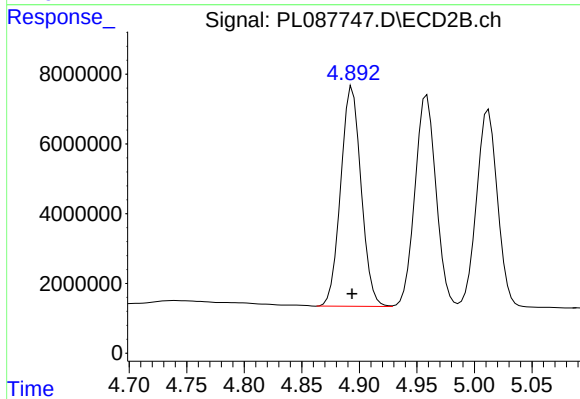
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 71553266
Conc: 46.25 ng/ml



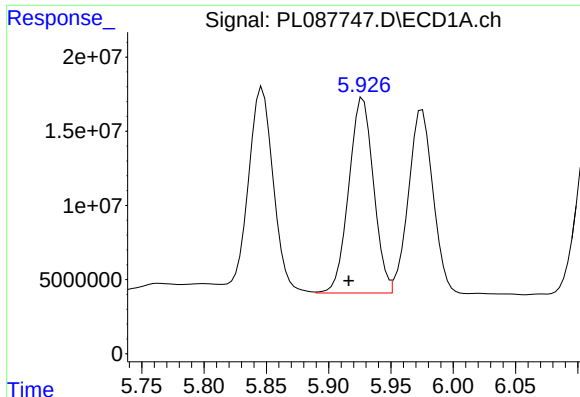
#10 gamma-Chlordane

R.T.: 5.845 min
Delta R.T.: 0.010 min
Response: 190435908
Conc: 49.26 ng/ml m



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 78090751
Conc: 48.38 ng/ml



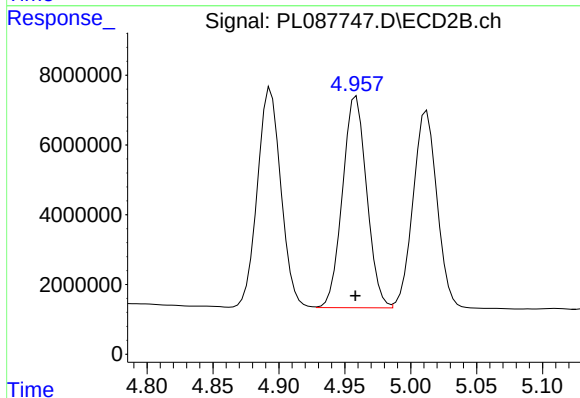
#11 alpha-Chlordane

R.T.: 5.926 min
Delta R.T.: 0.010 min
Response: 182397863
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

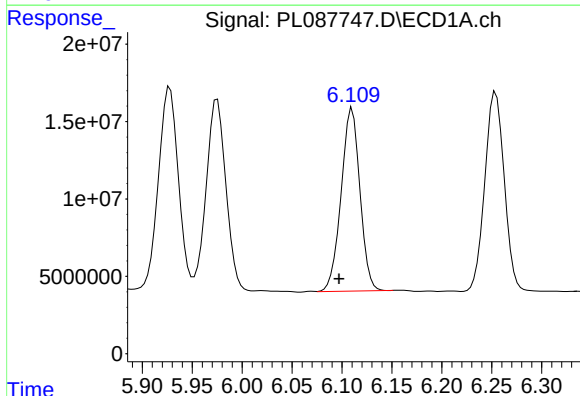
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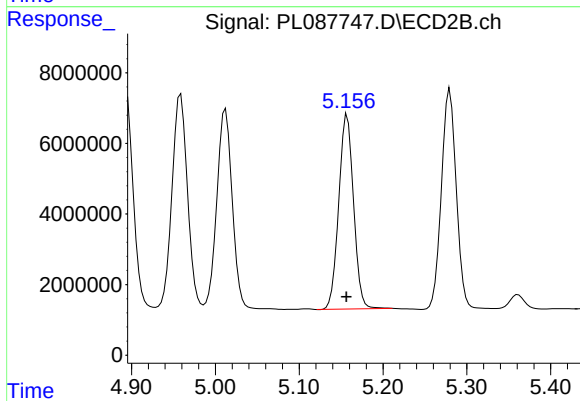
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 77366568
Conc: 46.62 ng/ml



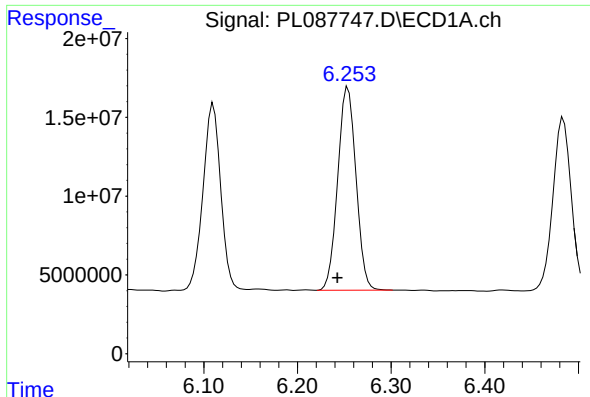
#12 4,4'-DDE

R.T.: 6.110 min
Delta R.T.: 0.013 min
Response: 154923218
Conc: 48.46 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 67565351
Conc: 50.23 ng/ml



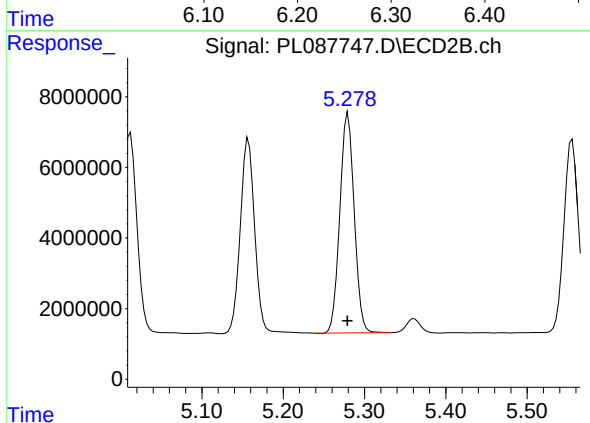
#13 Dieldrin

R.T.: 6.254 min
Delta R.T.: 0.012 min
Response: 175157843
Conc: 47.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

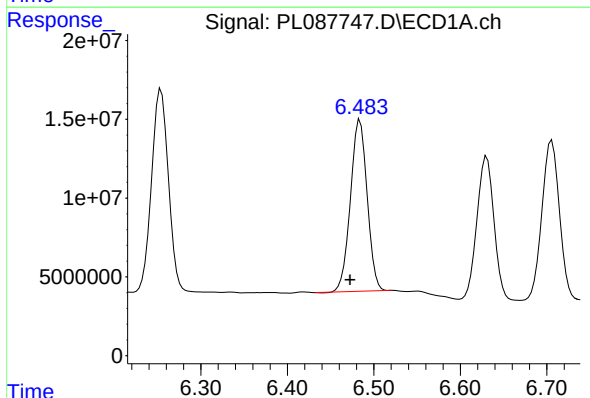
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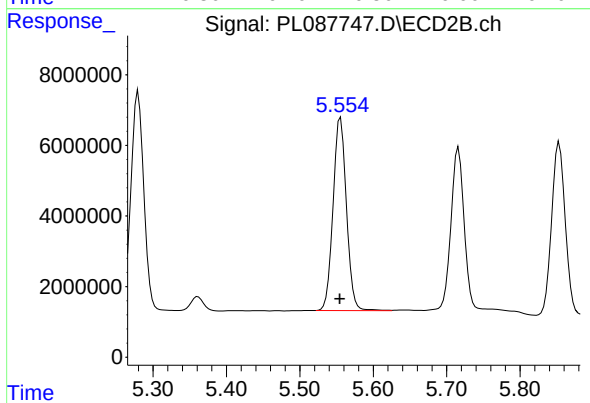
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 76327528
Conc: 48.03 ng/ml



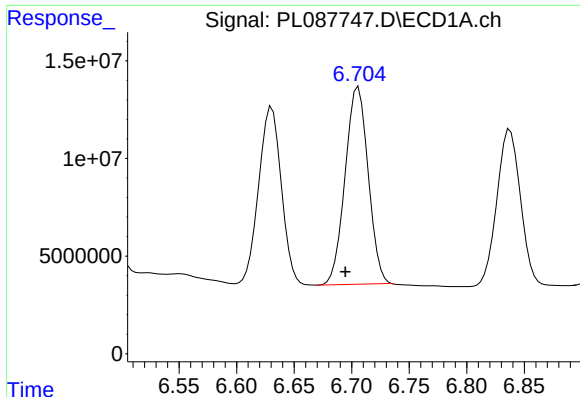
#14 Endrin

R.T.: 6.484 min
Delta R.T.: 0.011 min
Response: 145982643
Conc: 46.48 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: 0.001 min
Response: 69543701
Conc: 49.04 ng/ml



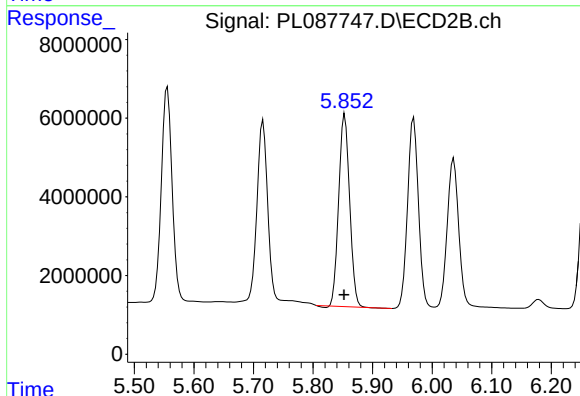
#15 Endosulfan II

R.T.: 6.706 min
Delta R.T.: 0.011 min
Response: 141420039
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

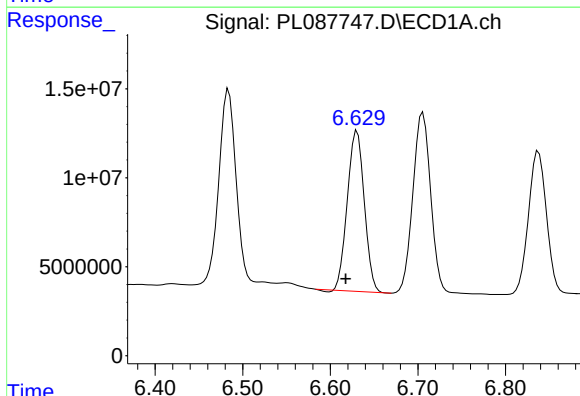
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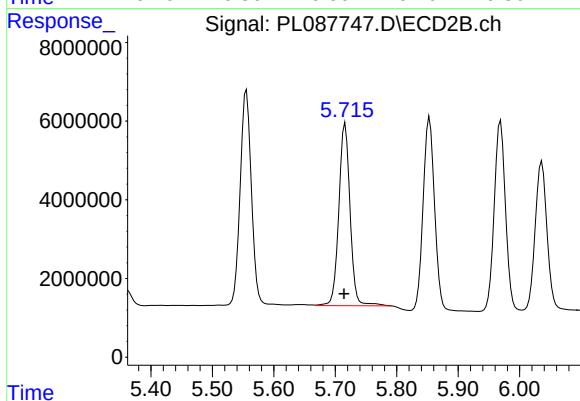
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: 0.001 min
Response: 62161109
Conc: 45.41 ng/ml



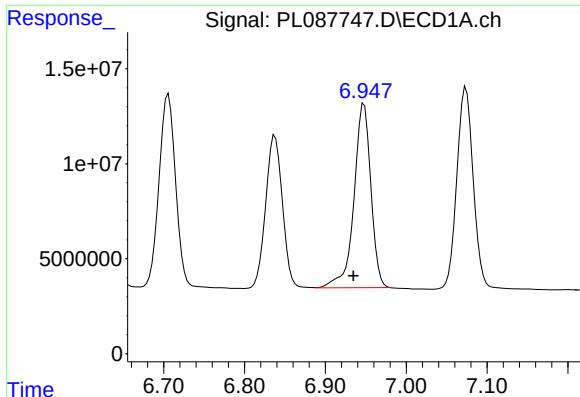
#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: 0.013 min
Response: 121288900
Conc: 47.04 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: 0.002 min
Response: 59080076
Conc: 52.40 ng/ml



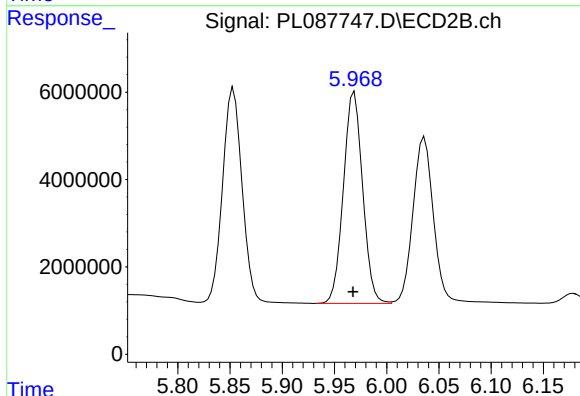
#17 4,4'-DDT

R.T.: 6.948 min
Delta R.T.: 0.013 min
Response: 140925944
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

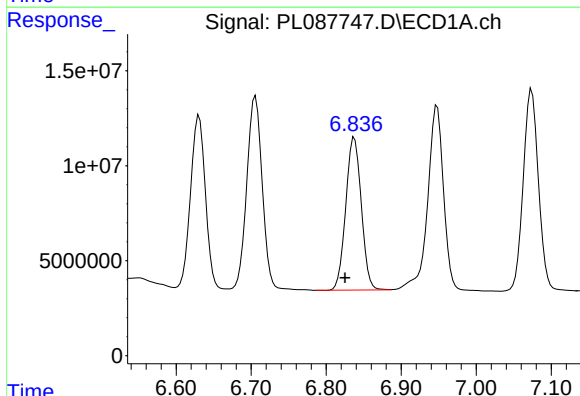
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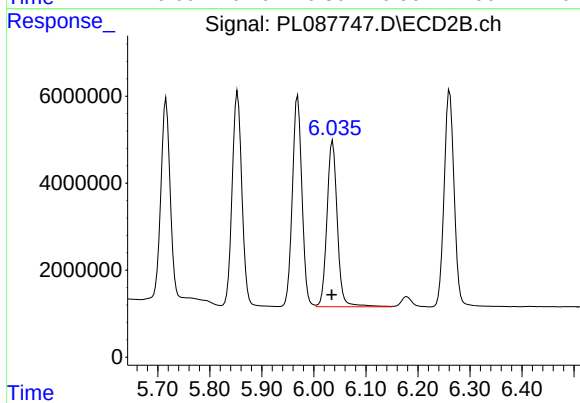
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 61943081
Conc: 49.77 ng/ml



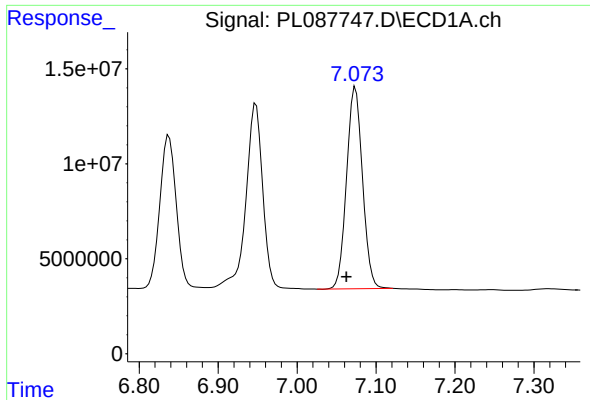
#18 Endrin aldehyde

R.T.: 6.838 min
Delta R.T.: 0.013 min
Response: 115824424
Conc: 46.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 52828464
Conc: 45.45 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: 0.011 min
Response: 149047810
Conc: 48.73 ng/ml

Instrument :

ECD_L

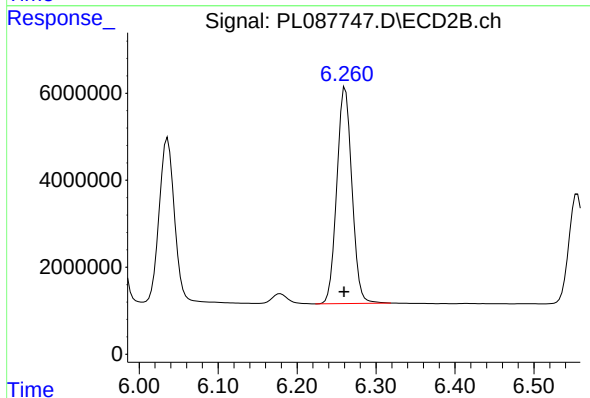
ClientSampleId :

PB158403BS

Manual Integrations

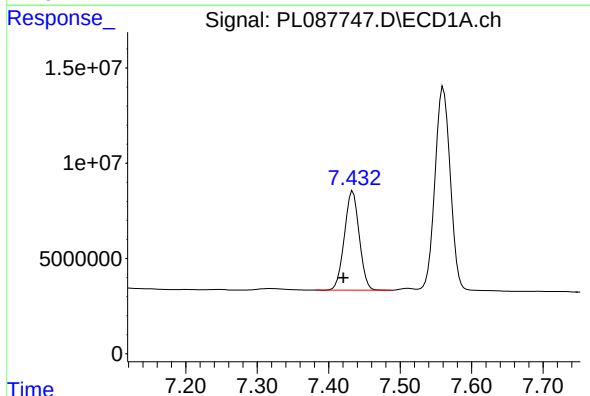
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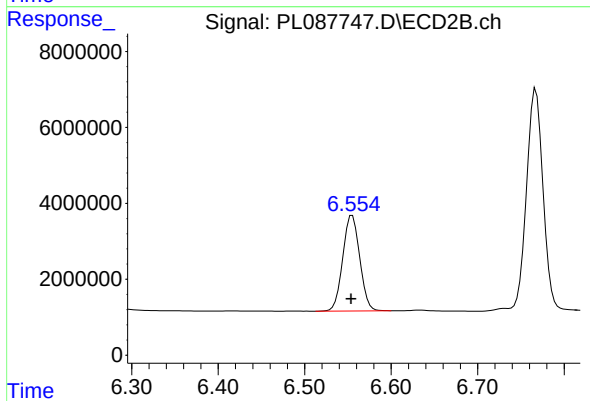
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: 0.001 min
Response: 66022888
Conc: 50.30 ng/ml



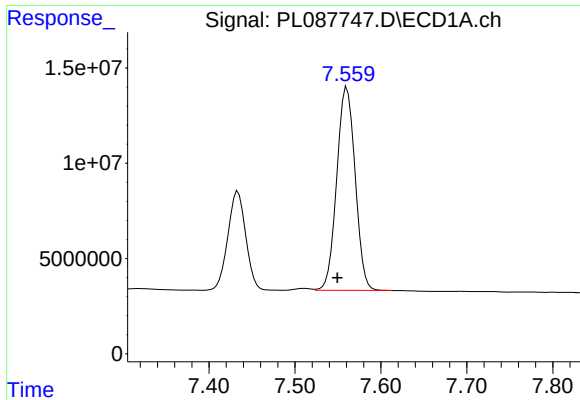
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.013 min
Response: 75211352
Conc: 46.32 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 34159744
Conc: 46.41 ng/ml



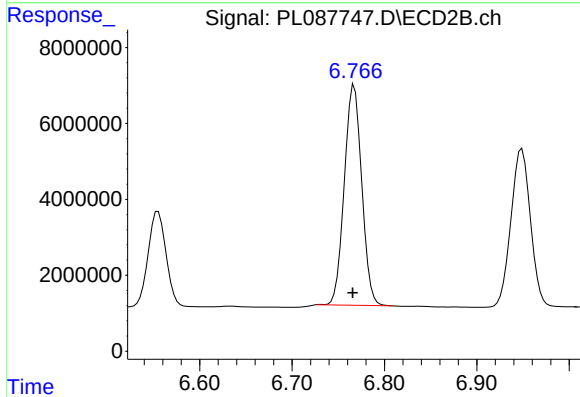
#21 Endrin ketone

R.T.: 7.560 min
Delta R.T.: 0.011 min
Response: 159025802
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

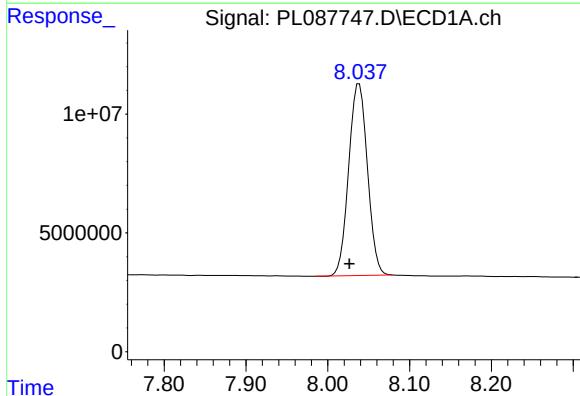
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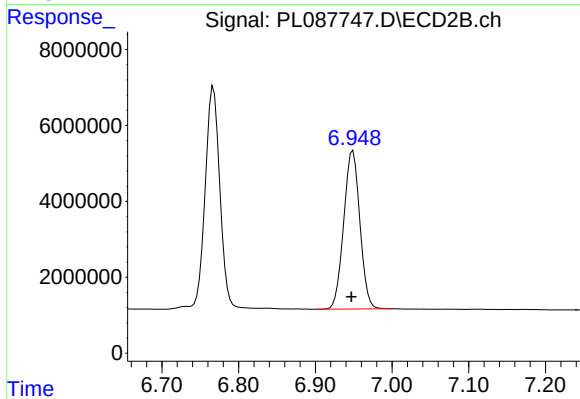
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 76173105
Conc: 49.69 ng/ml



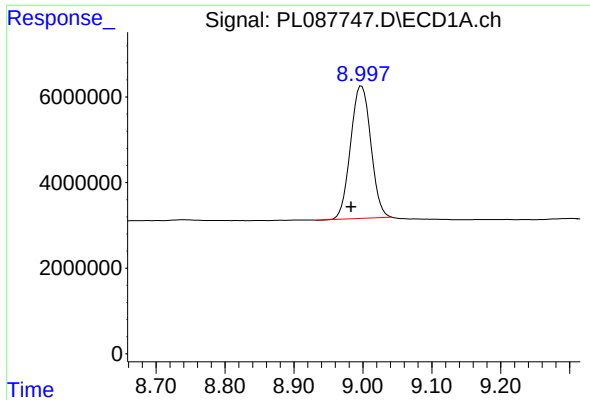
#22 Mirex

R.T.: 8.038 min
Delta R.T.: 0.012 min
Response: 128116994
Conc: 45.69 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: 0.002 min
Response: 61388102
Conc: 45.77 ng/ml



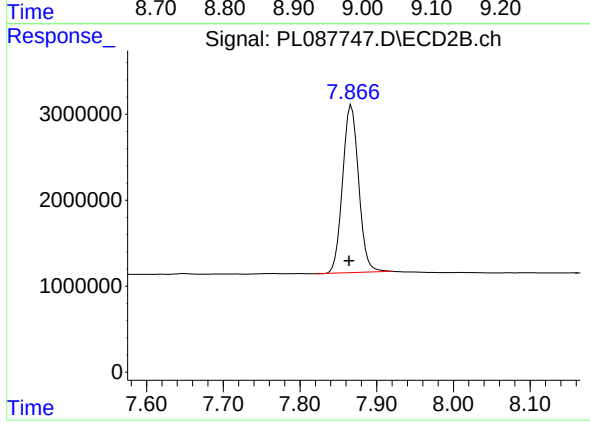
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.015 min
Response: 63163098
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158403BS

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.003 min
Response: 28392178
Conc: 22.41 ng/ml