

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111422\
 Data File : PL079087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2022 10:51
 Operator : AR\AJ
 Sample : PB148982BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148982BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/15/2022
 Supervised By : Ankita Jodhani 11/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:17:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.327	2.568	31551602	38479477	16.545	15.071
28)	SA Decachlor...	8.777	7.637	25853387	32580744	17.186	17.201
Target Compounds							
2)	A alpha-BHC	3.789	3.055	145.4E6	166.4E6	50.644	42.141
3)	MA gamma-BHC...	4.121	3.376	134.2E6	152.9E6	50.239	42.546
4)	MA Heptachlor	4.692	3.703	138.3E6	150.5E6	53.281	43.408
5)	MB Aldrin	5.029	3.974	132.3E6	152.8E6	53.412	43.644
6)	B beta-BHC	4.336	3.676	55139988	59218612	47.866	41.272
7)	B delta-BHC	4.576	3.896	114.2E6	154.0E6	50.164	42.295
8)	B Heptachlo...	5.463	4.471	121.5E6	132.3E6	57.249	43.892
9)	A Endosulfan I	5.846	4.834	111.6E6	125.5E6	52.303	43.855
10)	B gamma-Chl...	5.718	4.719	122.2E6	133.1E6	54.121	43.429
11)	B alpha-Chl...	5.795	4.781	121.1E6	130.1E6	52.342	43.656
12)	B 4,4'-DDE	5.977	4.976	106.4E6	123.0E6	53.142	45.168
13)	MA Dieldrin	6.124	5.095	115.4E6	132.2E6	53.519	44.624
14)	MA Endrin	6.355	5.366	92110313	111.8E6	48.535	42.902
15)	B Endosulfa...	6.583	5.663	97641351	112.3E6	52.043m	49.336
16)	A 4,4'-DDD	6.503	5.526	90398013	109.6E6	54.227	49.885m
17)	MA 4,4'-DDT	6.812	5.772	85677172	97991618	47.802	45.176m
18)	B Endrin al...	6.716	5.842	80046213	90577153	55.012	48.262
19)	B Endosulfa...	6.949	6.064	95407344	112.2E6	51.854	47.121
20)	A Methoxychlor	7.296	6.351	43507123	51743795	47.245	45.597
21)	B Endrin ke...	7.434	6.560	98563924	129.3E6	52.389	50.036
22)	Mirex	7.892	6.733	71832948	89887180	49.207	45.675

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111422\
 Data File : PL079087.D
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 Acq On : 14 Nov 2022 10:51
 Operator : AR\AJ
 Sample : PB148982BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

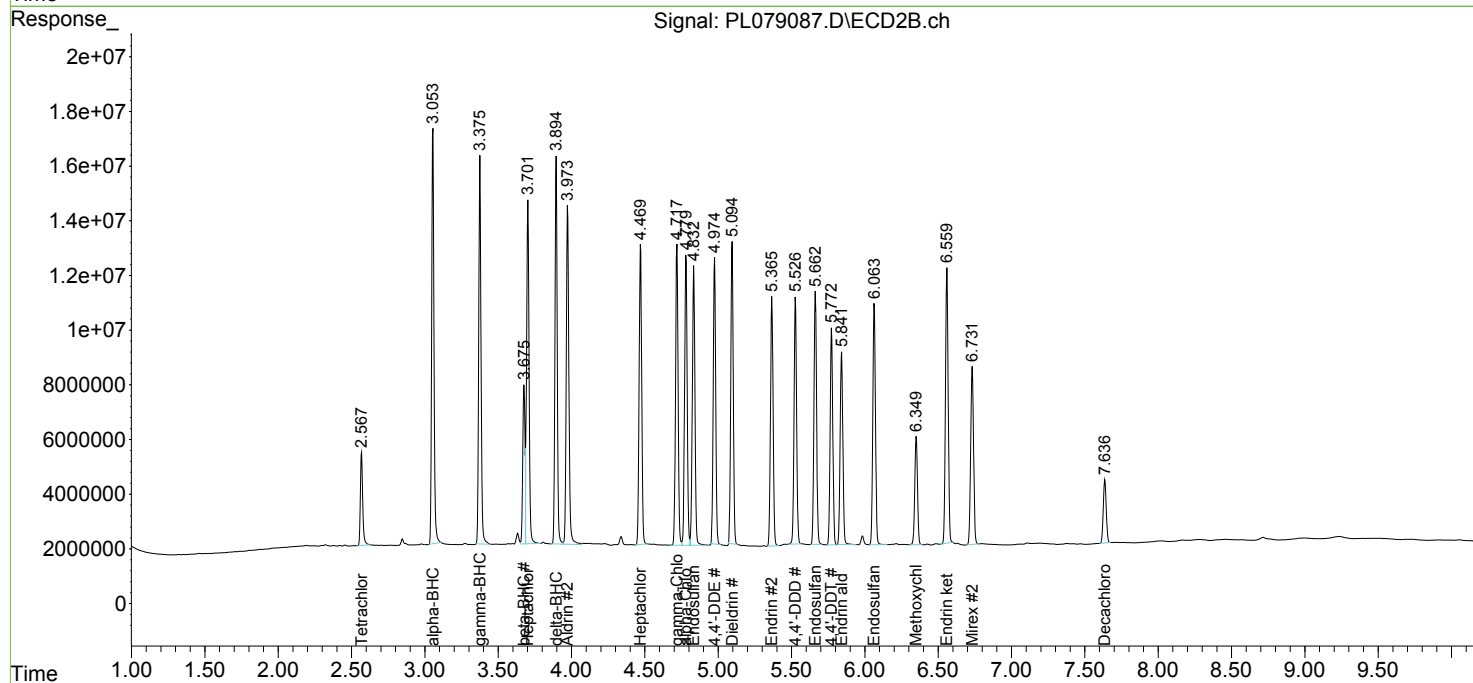
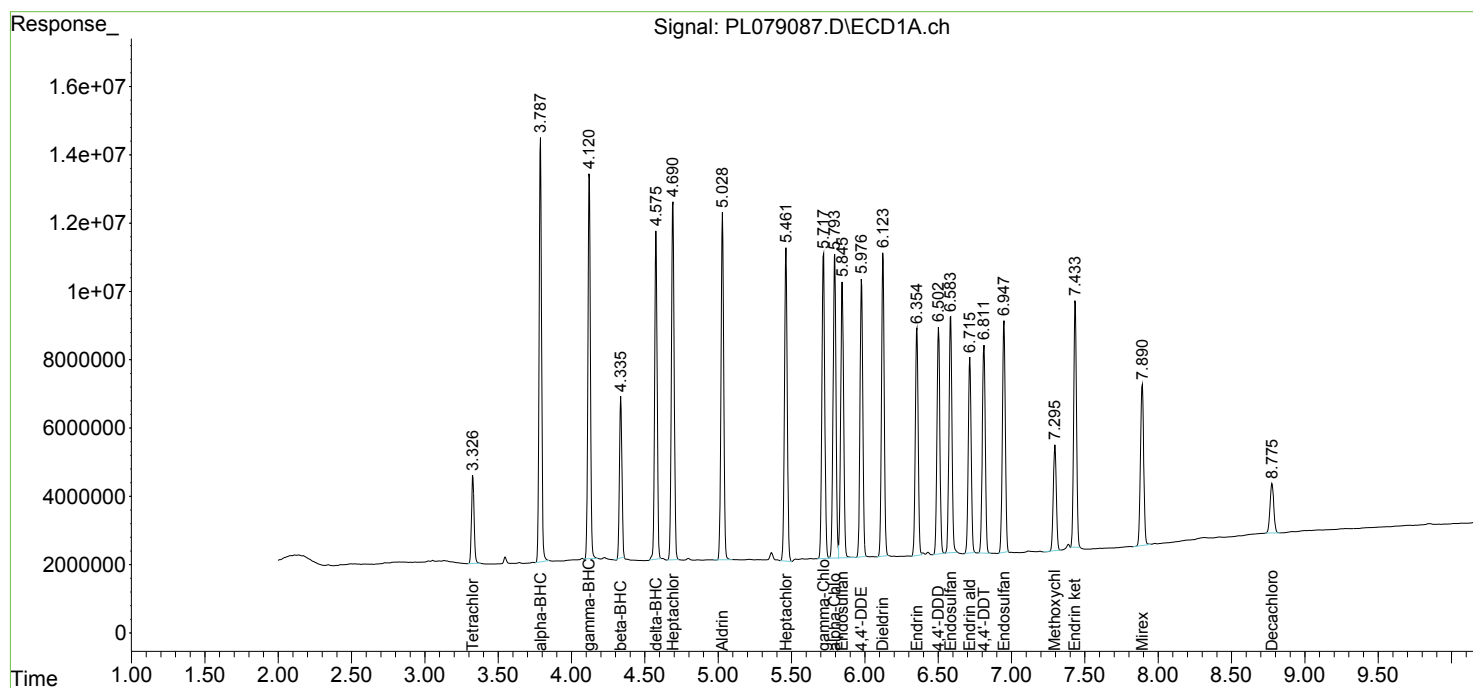
Instrument :
 ECD_L
 ClientSampleId :
 PB148982BS

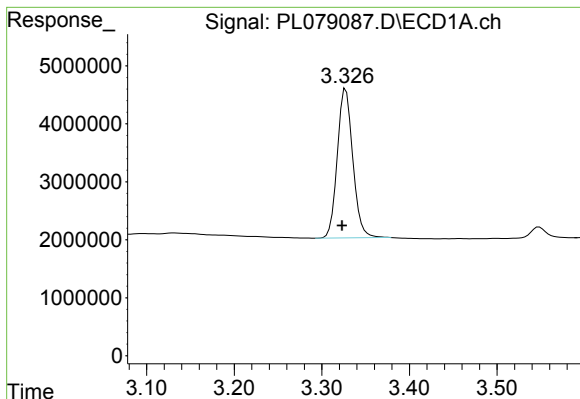
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:17:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
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Volume 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





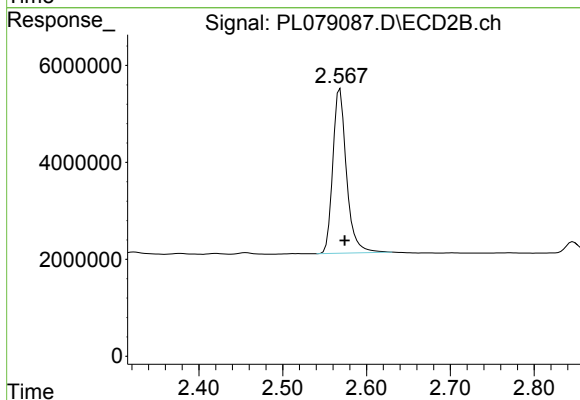
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 31551602
Conc: 16.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

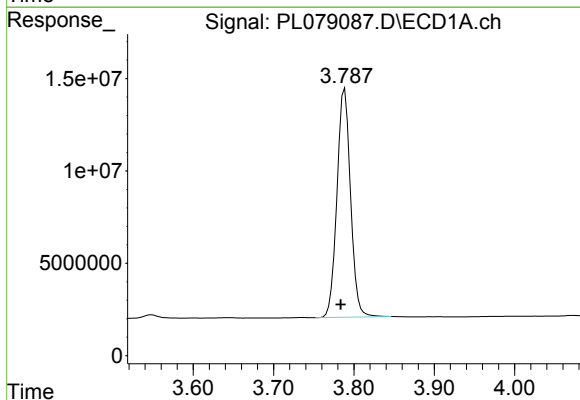
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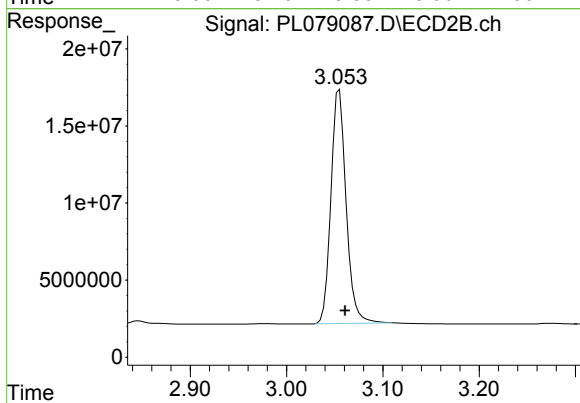
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.005 min
Response: 38479477
Conc: 15.07 ng/ml



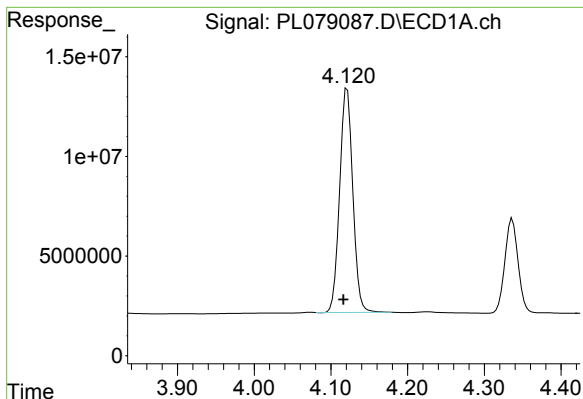
#2 alpha-BHC

R.T.: 3.789 min
Delta R.T.: 0.005 min
Response: 145416691
Conc: 50.64 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.006 min
Response: 166415558
Conc: 42.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.121 min
Delta R.T.: 0.005 min
Response: 134225976
Conc: 50.24 ng/ml

Instrument :

ECD_L

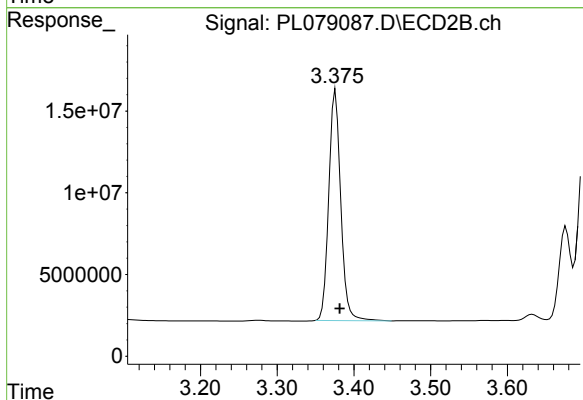
ClientSampleId :

PB148982BS

Manual Integrations

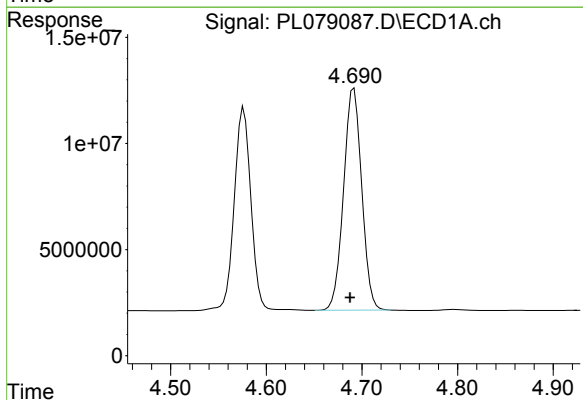
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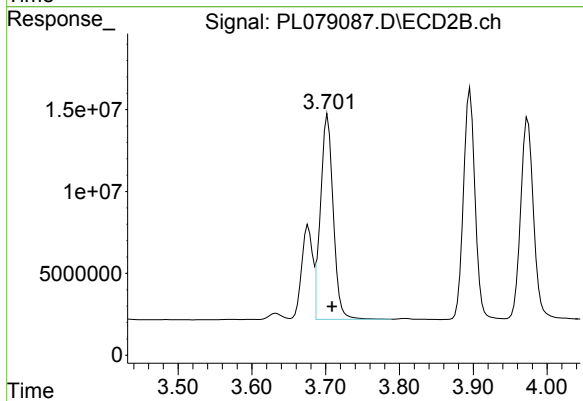
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.006 min
Response: 152917766
Conc: 42.55 ng/ml



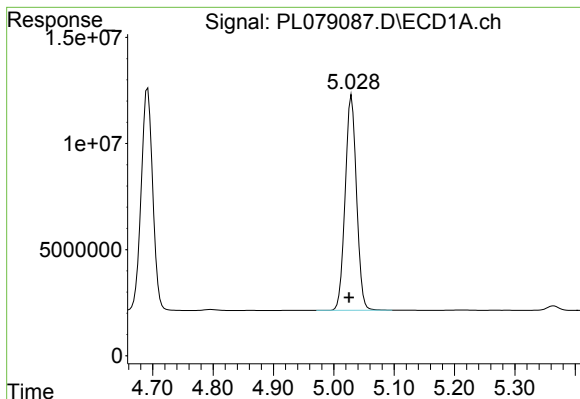
#4 Heptachlor

R.T.: 4.692 min
Delta R.T.: 0.004 min
Response: 138319079
Conc: 53.28 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 150530929
Conc: 43.41 ng/ml



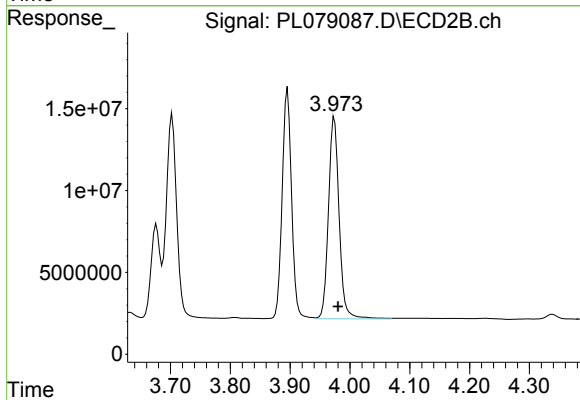
#5 Aldrin

R.T.: 5.029 min
Delta R.T.: 0.004 min
Response: 132285802
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

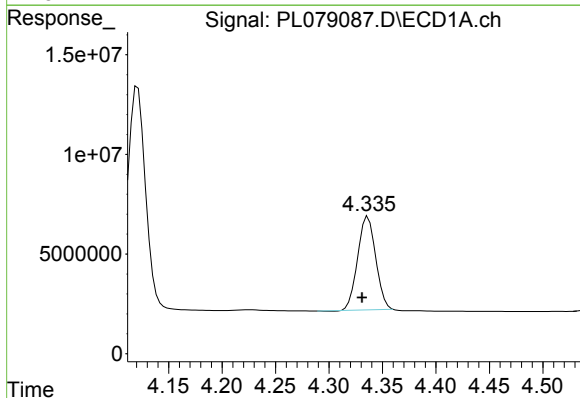
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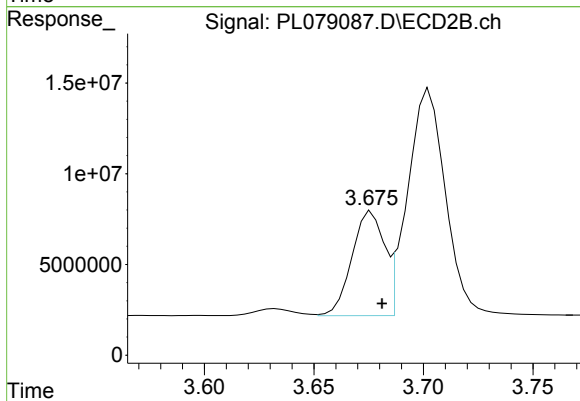
#5 Aldrin

R.T.: 3.974 min
Delta R.T.: -0.006 min
Response: 152829092
Conc: 43.64 ng/ml



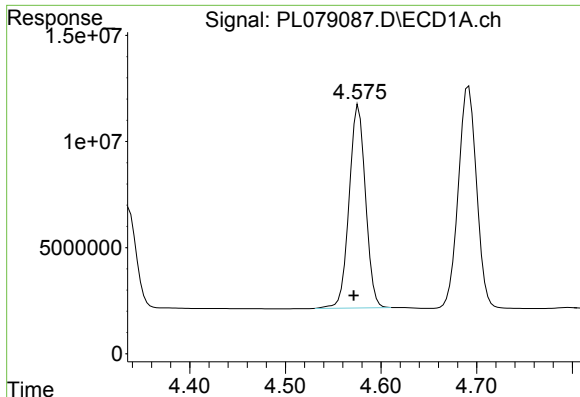
#6 beta-BHC

R.T.: 4.336 min
Delta R.T.: 0.005 min
Response: 55139988
Conc: 47.87 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 59218612
Conc: 41.27 ng/ml



#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.005 min
Response: 114216568
Conc: 50.16 ng/ml

Instrument :

ECD_L

ClientSampleId :

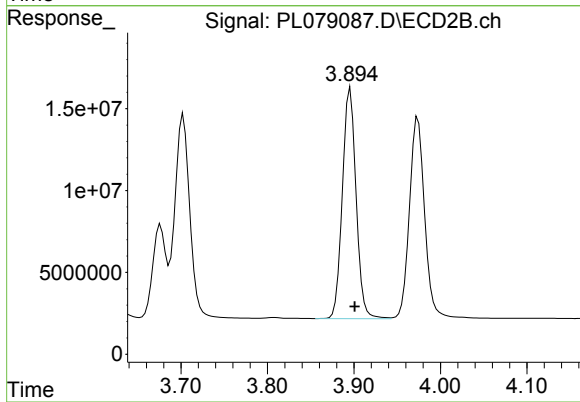
PB148982BS

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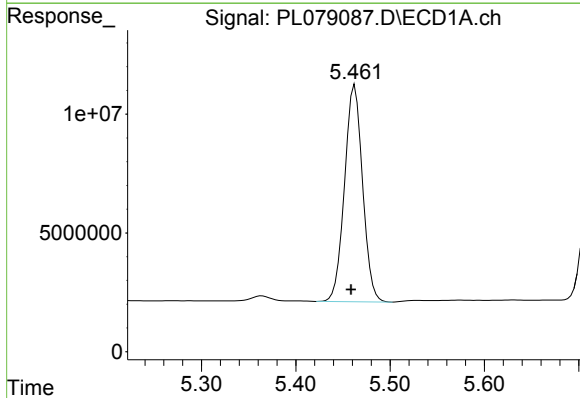
Reviewed By :Abdul Mirza 11/15/2022

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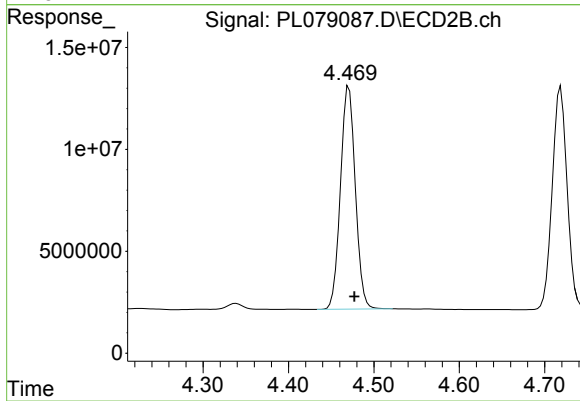
#7 delta-BHC

R.T.: 3.896 min
Delta R.T.: -0.005 min
Response: 154008018
Conc: 42.29 ng/ml



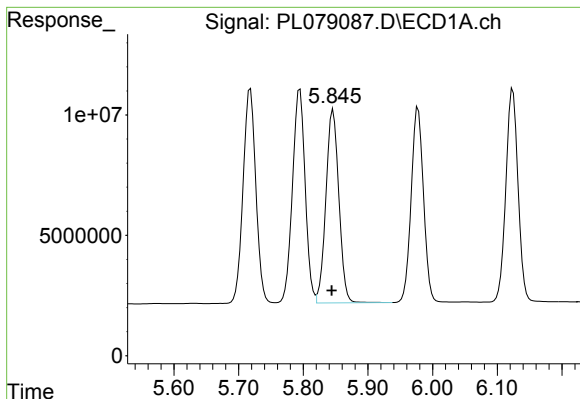
#8 Heptachlor epoxide

R.T.: 5.463 min
Delta R.T.: 0.004 min
Response: 121540055
Conc: 57.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.471 min
Delta R.T.: -0.006 min
Response: 132255589
Conc: 43.89 ng/ml



#9 Endosulfan I

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 111592304
Conc: 52.30 ng/ml

Instrument :

ECD_L

ClientSampleId :

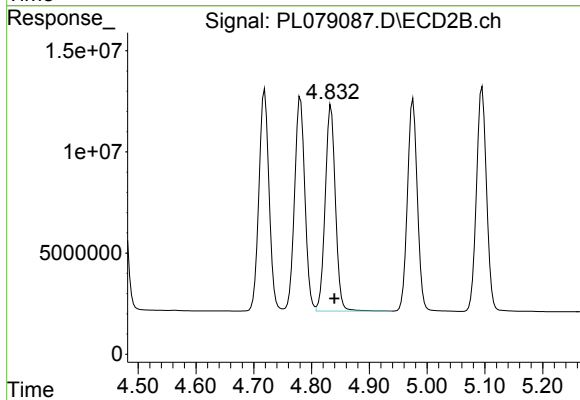
PB148982BS

Manual Integrations

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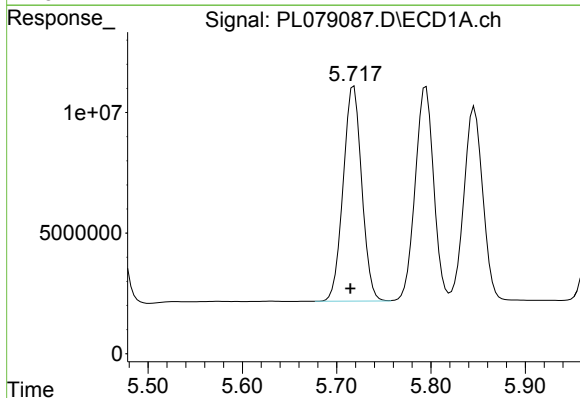
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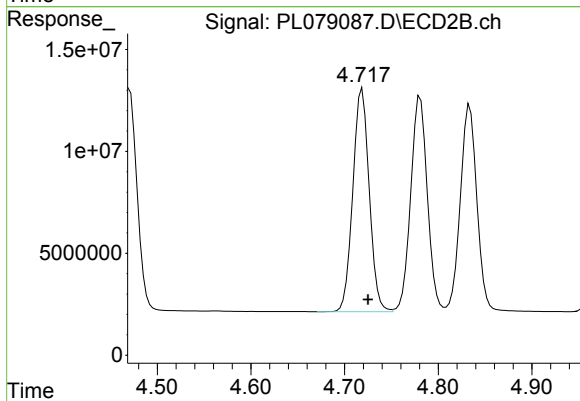
#9 Endosulfan I

R.T.: 4.834 min
Delta R.T.: -0.006 min
Response: 125542720
Conc: 43.86 ng/ml



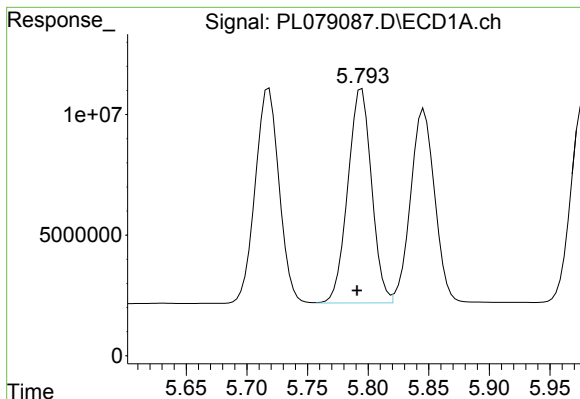
#10 gamma-Chlordane

R.T.: 5.718 min
Delta R.T.: 0.004 min
Response: 122159791
Conc: 54.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 133085942
Conc: 43.43 ng/ml



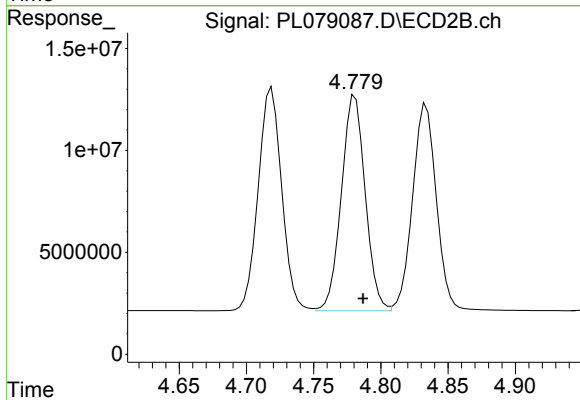
#11 alpha-Chlordane

R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 121107855
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

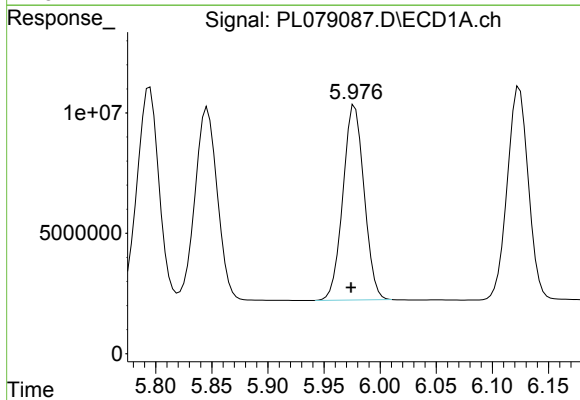
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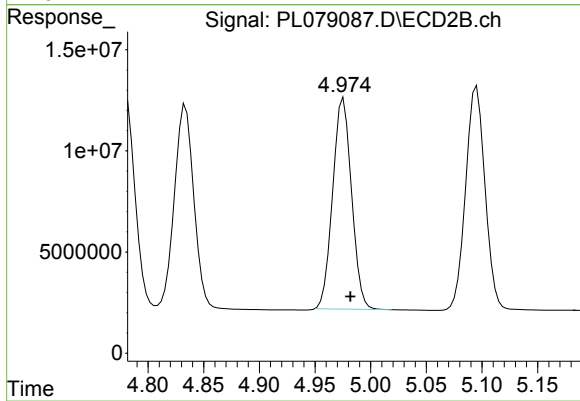
#11 alpha-Chlordane

R.T.: 4.781 min
Delta R.T.: -0.006 min
Response: 130111672
Conc: 43.66 ng/ml



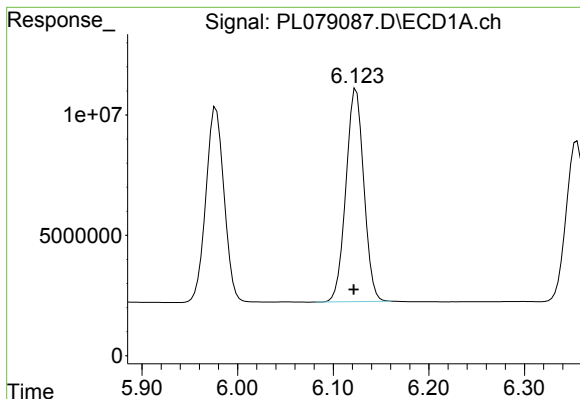
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 106355251
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 122971190
Conc: 45.17 ng/ml



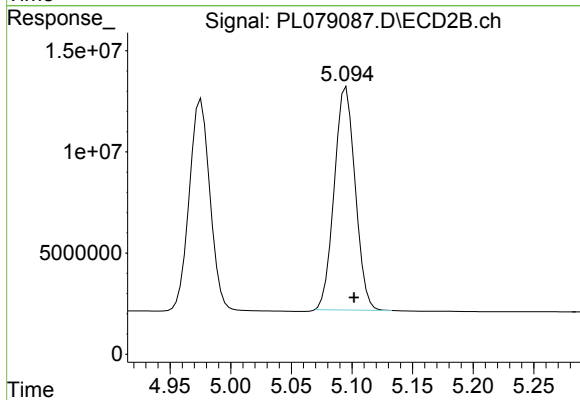
#13 Dieldrin

R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 115414746
Conc: 53.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
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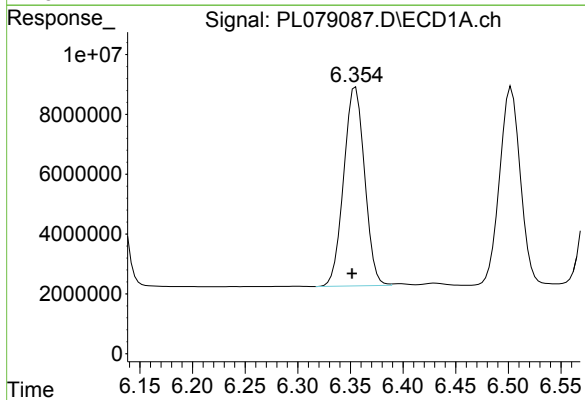
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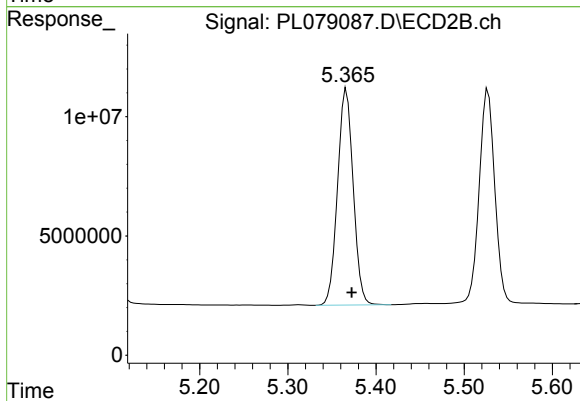
#13 Dieldrin

R.T.: 5.095 min
Delta R.T.: -0.006 min
Response: 132226108
Conc: 44.62 ng/ml



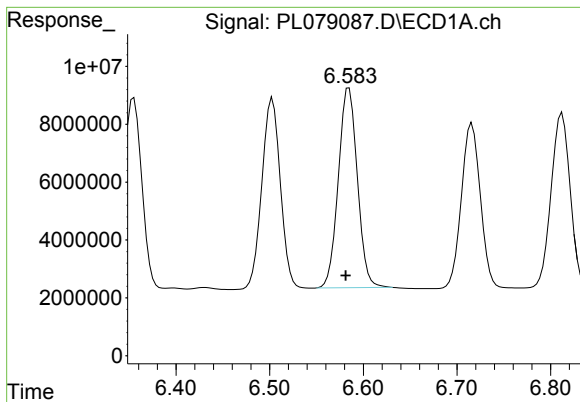
#14 Endrin

R.T.: 6.355 min
Delta R.T.: 0.004 min
Response: 92110313
Conc: 48.53 ng/ml



#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 111771269
Conc: 42.90 ng/ml



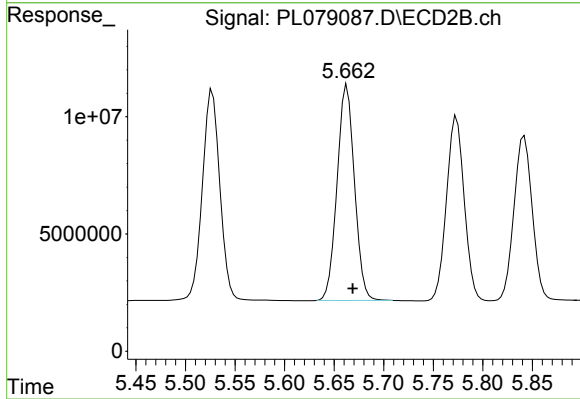
#15 Endosulfan II

R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 97641351
Conc: 52.04 ng/ml

Instrument :
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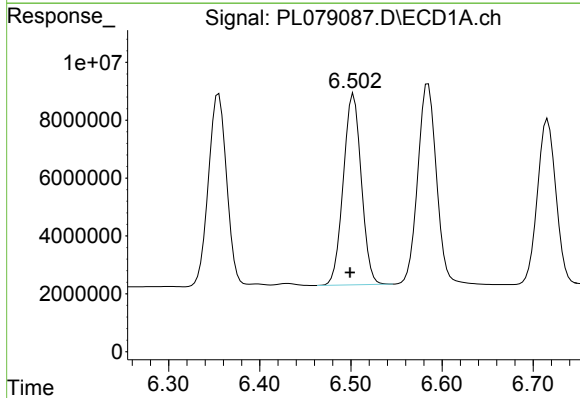
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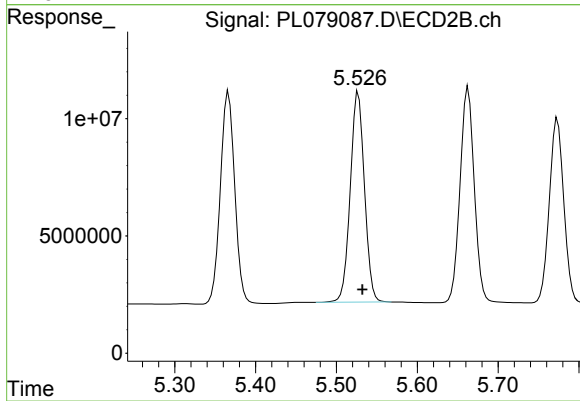
#15 Endosulfan II

R.T.: 5.663 min
Delta R.T.: -0.006 min
Response: 112301697
Conc: 49.34 ng/ml



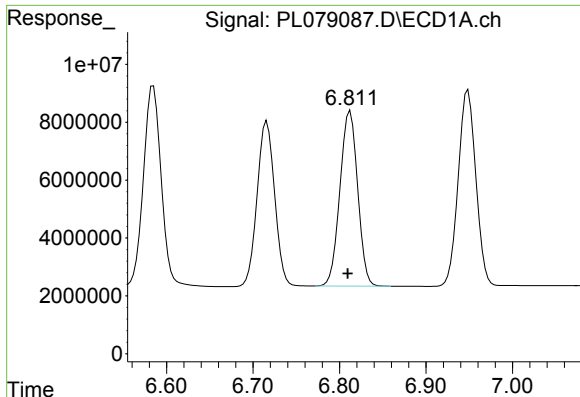
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: 0.004 min
Response: 90398013
Conc: 54.23 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 109565726
Conc: 49.88 ng/ml m



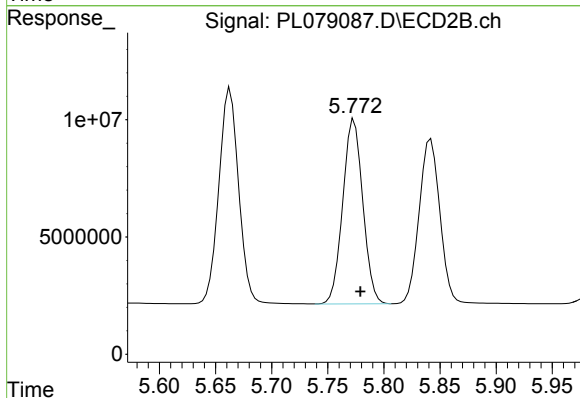
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: 0.003 min
Response: 85677172
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

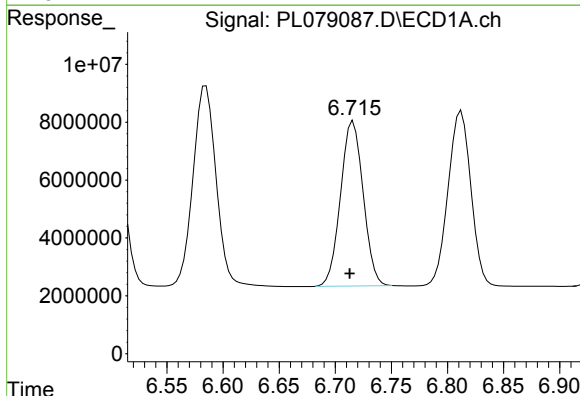
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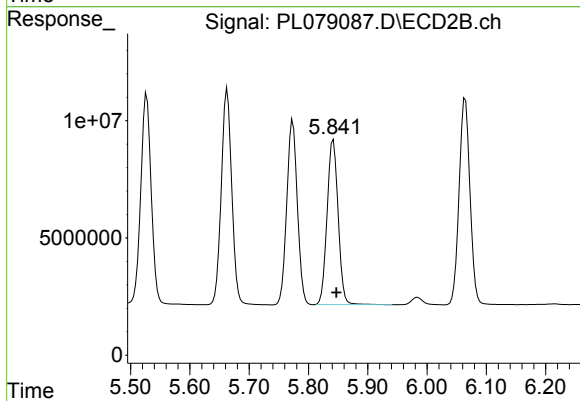
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 97991618
Conc: 45.18 ng/ml m



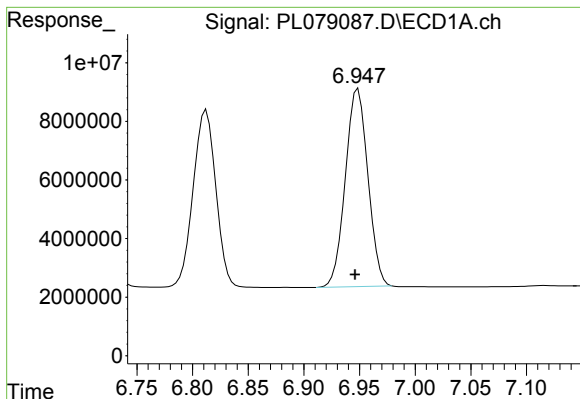
#18 Endrin aldehyde

R.T.: 6.716 min
Delta R.T.: 0.003 min
Response: 80046213
Conc: 55.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 90577153
Conc: 48.26 ng/ml



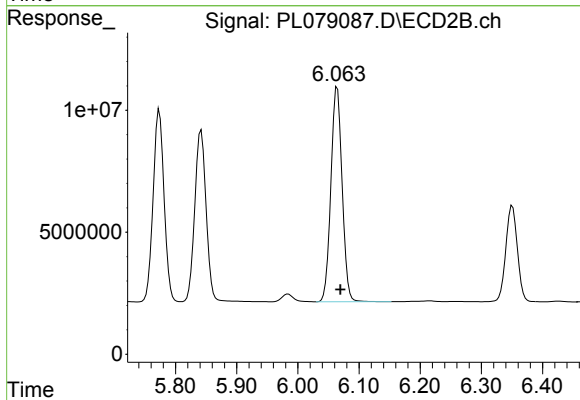
#19 Endosulfan Sulfate

R.T.: 6.949 min
Delta R.T.: 0.003 min
Response: 95407344
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

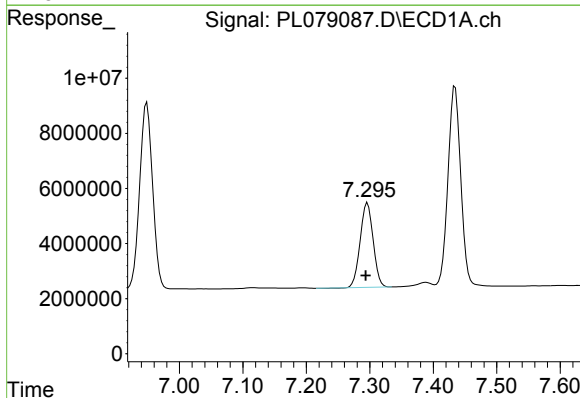
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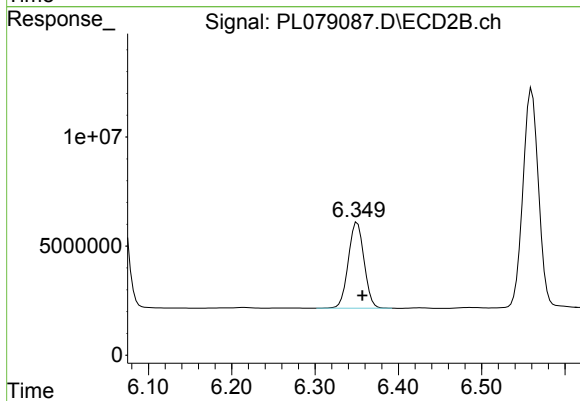
#19 Endosulfan Sulfate

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 112172307
Conc: 47.12 ng/ml



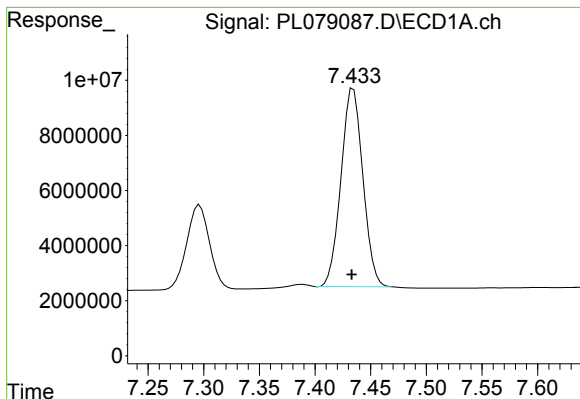
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 43507123
Conc: 47.24 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 51743795
Conc: 45.60 ng/ml



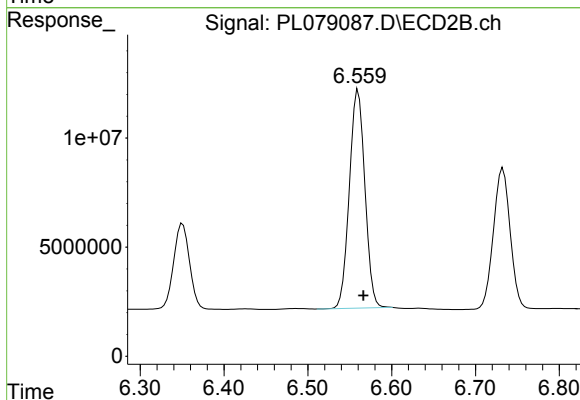
#21 Endrin ketone

R.T.: 7.434 min
Delta R.T.: 0.002 min
Response: 98563924
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148982BS

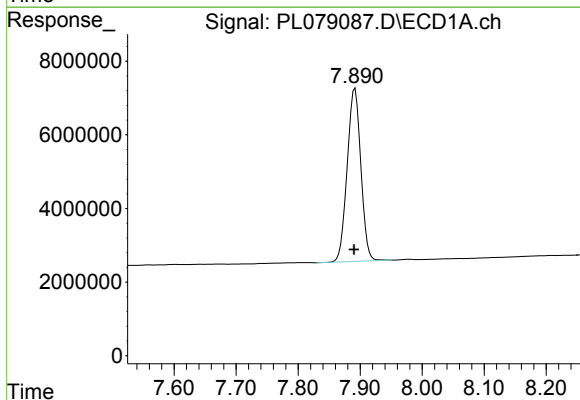
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/15/2022
Supervised By :Ankita Jodhani 11/15/2022



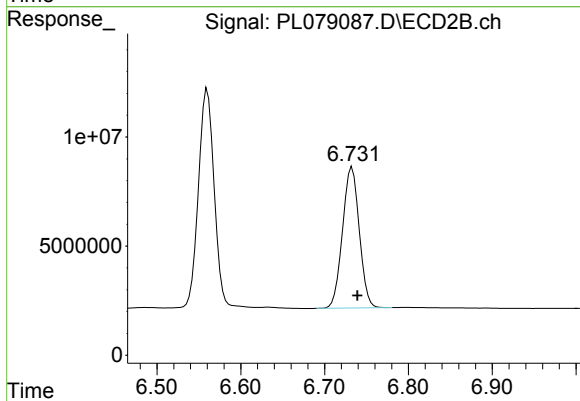
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 129328817
Conc: 50.04 ng/ml



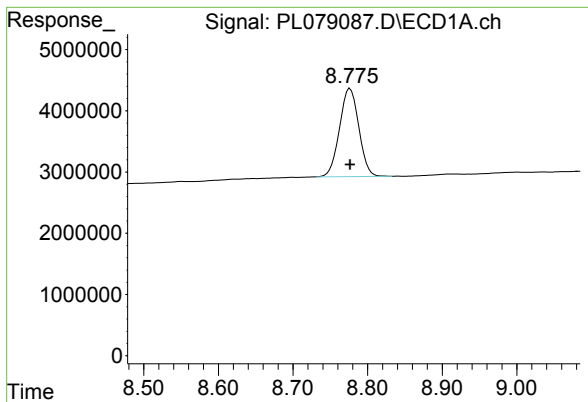
#22 Mirex

R.T.: 7.892 min
Delta R.T.: 0.001 min
Response: 71832948
Conc: 49.21 ng/ml



#22 Mirex

R.T.: 6.733 min
Delta R.T.: -0.006 min
Response: 89887180
Conc: 45.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: 0.000 min
Response: 25853387
Conc: 17.19 ng/ml

Instrument :

ECD_L

ClientSampleId :

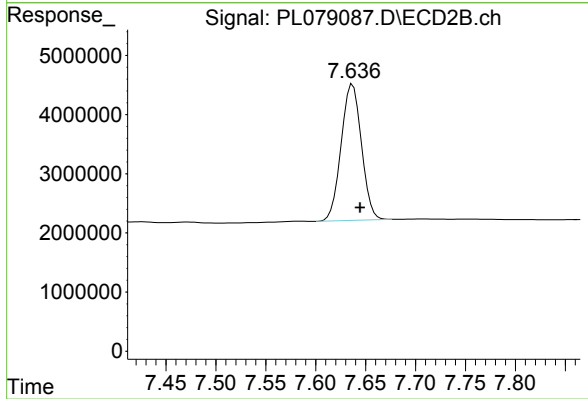
PB148982BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 32580744
Conc: 17.20 ng/ml