

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112223\
 Data File : PL086808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Nov 2023 14:46
 Operator : AR\AJ
 Sample : 05517-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-DMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:45:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.617	63370559	19428462	19.516	19.732
28)	SA Decachlor...	8.854	7.767	47339004	21521513	16.172	17.822
Target Compounds							
2)	A alpha-BHC	3.804	3.115	238.2E6	69356198	49.509	52.032
3)	MA gamma-BHC...	4.136	3.442	222.9E6	67206009	47.382	50.641
4)	MA Heptachlor	4.724	3.778	225.4E6	70130335	49.398	52.389
5)	MB Aldrin	5.063	4.054	211.4E6	65844901	46.693	50.599
6)	B beta-BHC	4.341	3.744	97970860	30103073	48.439	50.505
7)	B delta-BHC	4.584	3.969	220.3E6	65936514	47.986	50.400
8)	B Heptachlo...	5.494	4.559	178.9E6	61432693	46.015	51.151
9)	A Endosulfan I	5.877	4.927	179.4E6	58447020	47.807	50.831
10)	B gamma-Chl...	5.751	4.811	204.2E6	63519763	49.843	51.484
11)	B alpha-Chl...	5.830	4.875	196.8E6	63232709	48.469	50.567
12)	B 4,4'-DDE	6.014	5.074	158.7E6	56045819	45.744	54.598
13)	MA Dieldrin	6.154	5.191	179.7E6	65676710	45.713	55.044m
14)	MA Endrin	6.383	5.466	154.3E6	56495691	44.792	51.579
15)	B Endosulfa...	6.606	5.764	145.8E6	53756889	41.011	48.979
16)	A 4,4'-DDD	6.533	5.630	133.1E6	47760145	49.996	56.058
17)	MA 4,4'-DDT	6.849	5.880	141.9E6	50896473	47.856	52.064
18)	B Endrin al...	6.738	5.946	113.0E6	43242757	42.627	46.163
19)	B Endosulfa...	6.974	6.170	146.5E6	55874716	43.659	51.442
20)	A Methoxychlor	7.335	6.465	74565488	31599704	46.724	52.827
21)	B Endrin ke...	7.456	6.672	157.5E6	63397934	46.210	49.479
22)	Mirex	7.929	6.848	123.5E6	53037717	43.746	46.658

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

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 Acq On : 22 Nov 2023 14:46
 Operator : AR\AJ
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

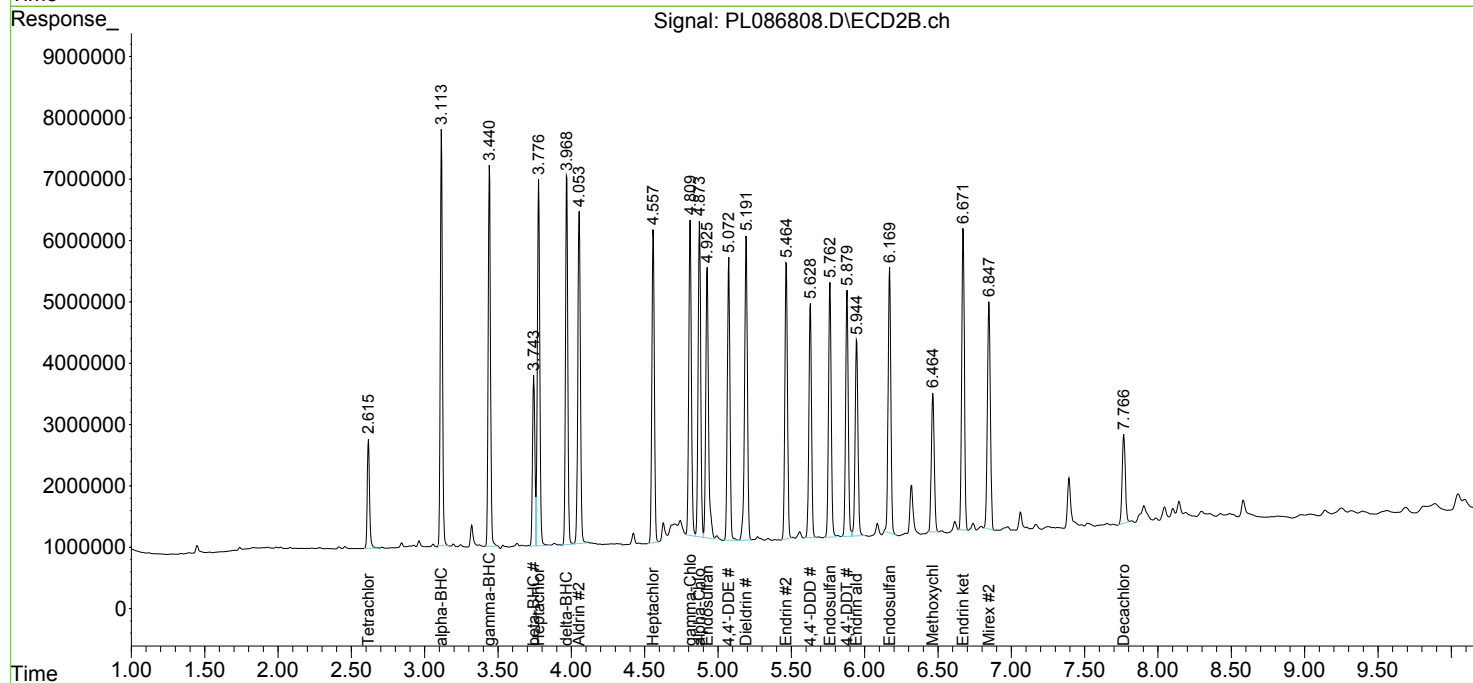
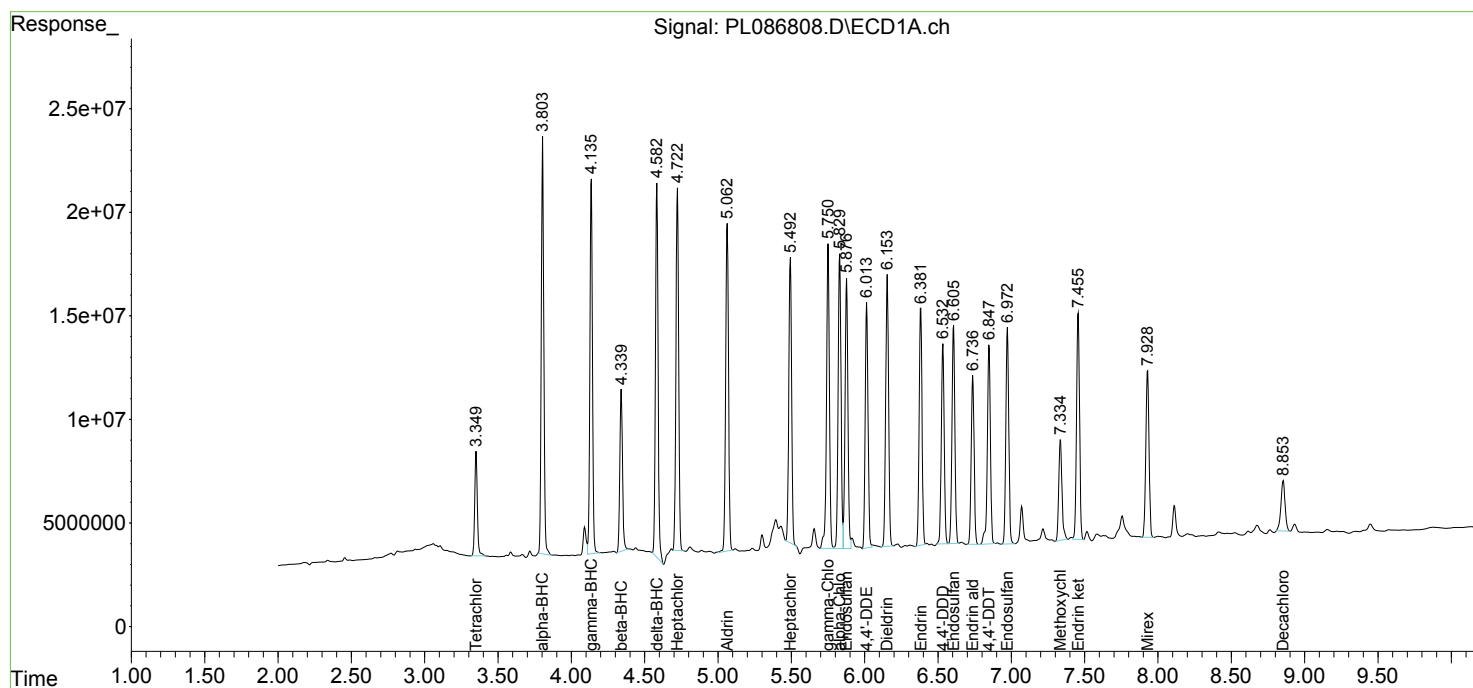
Instrument :
 ECD_L
 ClientSampleId :
 TP-DMS

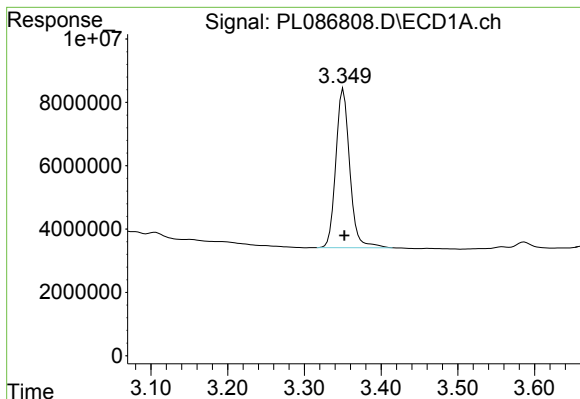
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 11/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 22 20:45:49 2023
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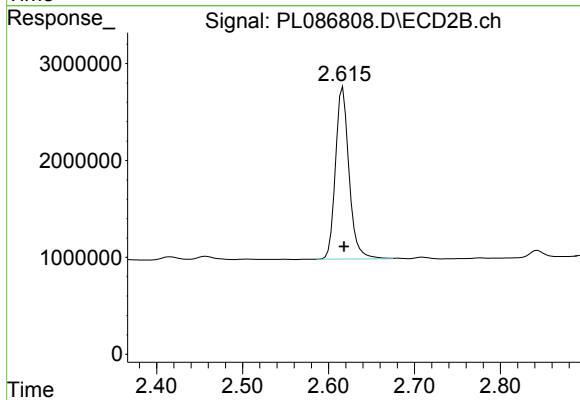
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: -0.001 min
Response: 63370559
Conc: 19.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

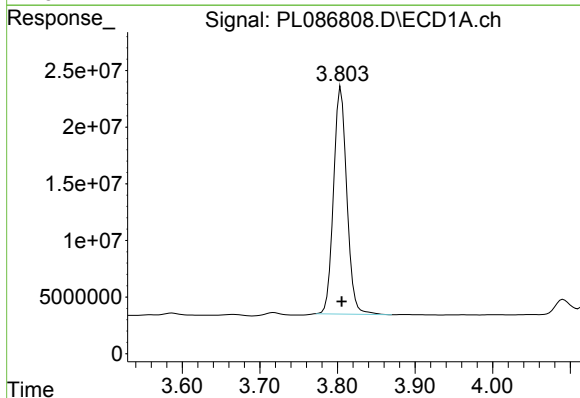
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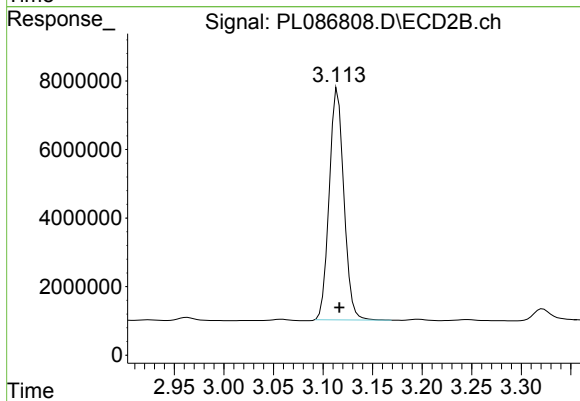
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 19428462
Conc: 19.73 ng/ml



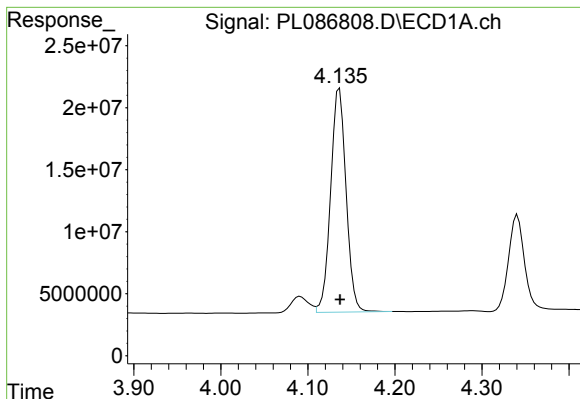
#2 alpha-BHC

R.T.: 3.804 min
Delta R.T.: -0.001 min
Response: 238158870
Conc: 49.51 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 69356198
Conc: 52.03 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 222915617
Conc: 47.38 ng/ml

Instrument :

ECD_L

ClientSampleId :

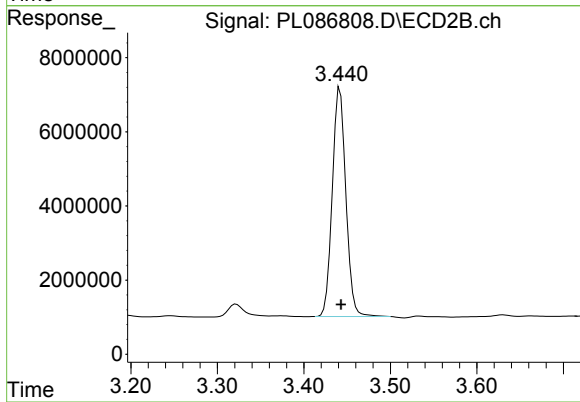
TP-DMS

Manual Integrations

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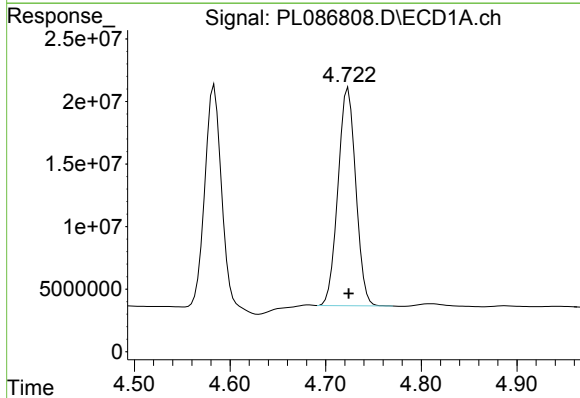
Reviewed By :Yogesh Patel 11/24/2023

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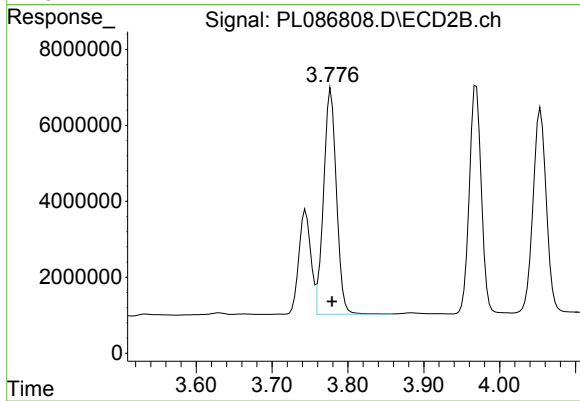
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 67206009
Conc: 50.64 ng/ml



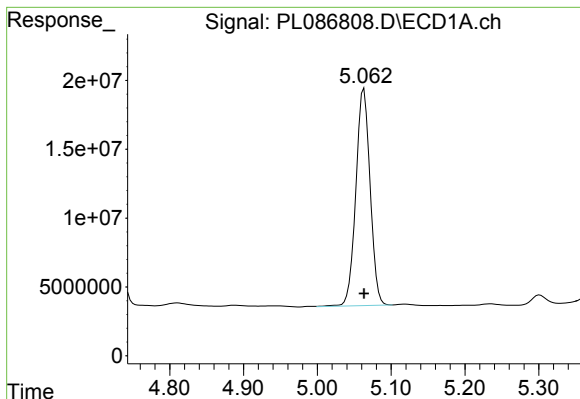
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 225350122
Conc: 49.40 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: -0.002 min
Response: 70130335
Conc: 52.39 ng/ml



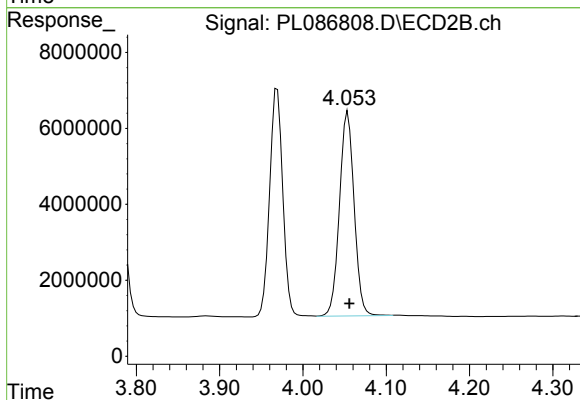
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 211394751
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

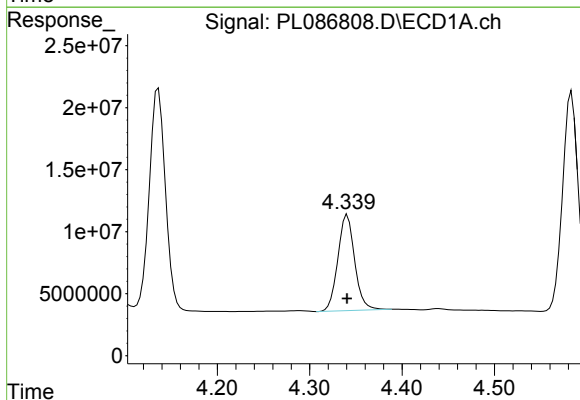
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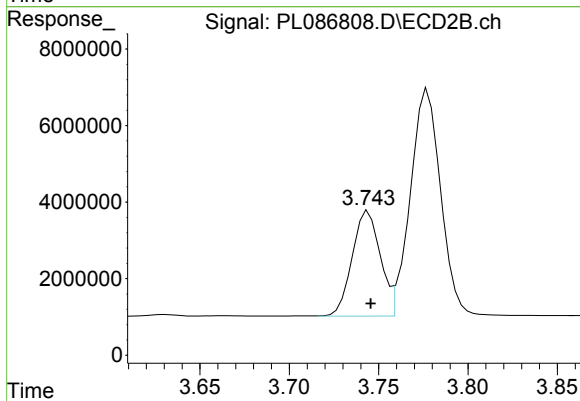
#5 Aldrin

R.T.: 4.054 min
Delta R.T.: -0.002 min
Response: 65844901
Conc: 50.60 ng/ml



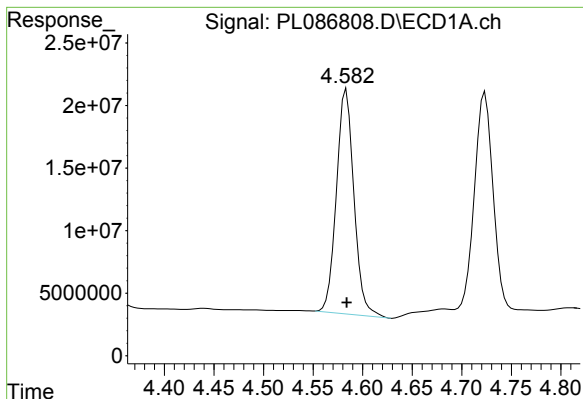
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 97970860
Conc: 48.44 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.001 min
Response: 30103073
Conc: 50.50 ng/ml



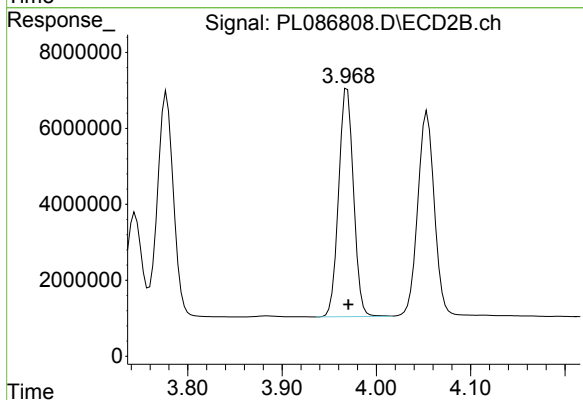
#7 delta-BHC

R.T.: 4.584 min
Delta R.T.: 0.000 min
Response: 220321674
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

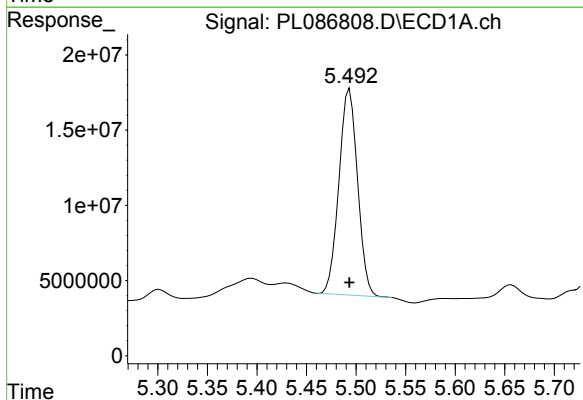
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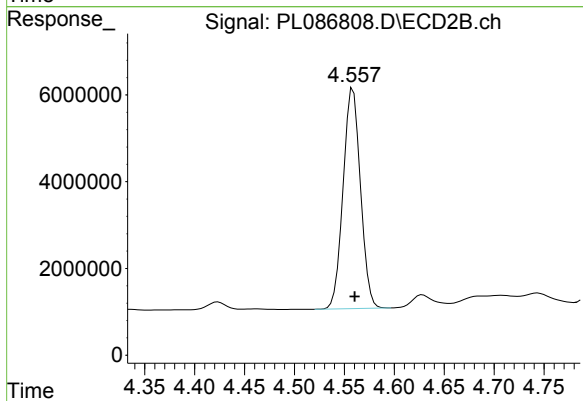
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 65936514
Conc: 50.40 ng/ml



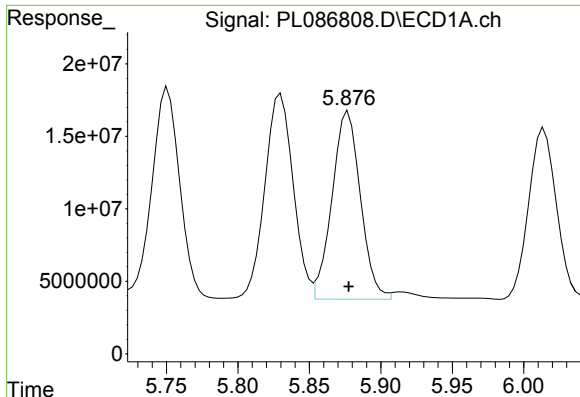
#8 Heptachlor epoxide

R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 178875670
Conc: 46.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.002 min
Response: 61432693
Conc: 51.15 ng/ml



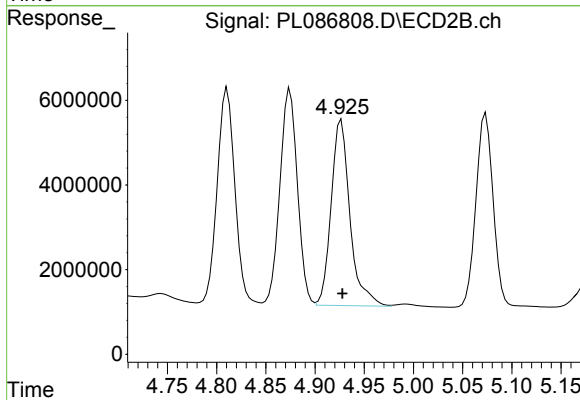
#9 Endosulfan I

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 179351639
Conc: 47.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

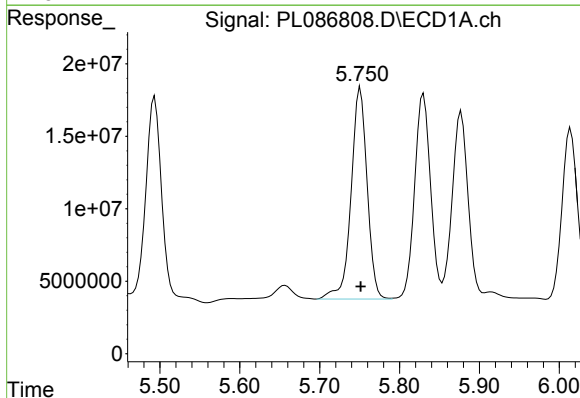
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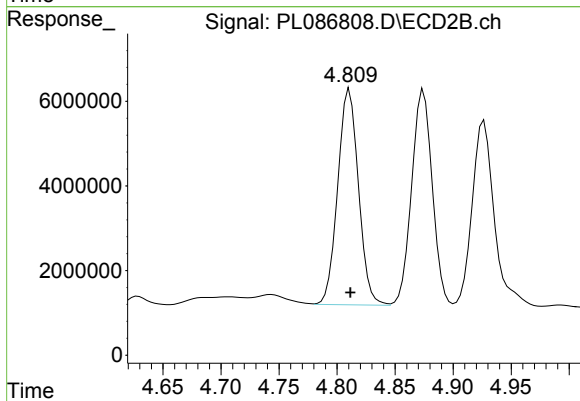
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: -0.001 min
Response: 58447020
Conc: 50.83 ng/ml



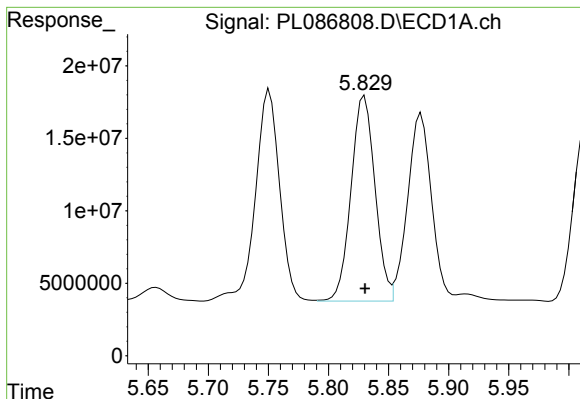
#10 gamma-Chlordane

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 204218914
Conc: 49.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 63519763
Conc: 51.48 ng/ml



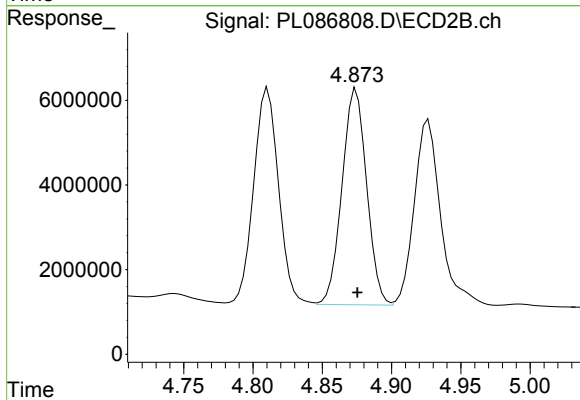
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 196780465
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

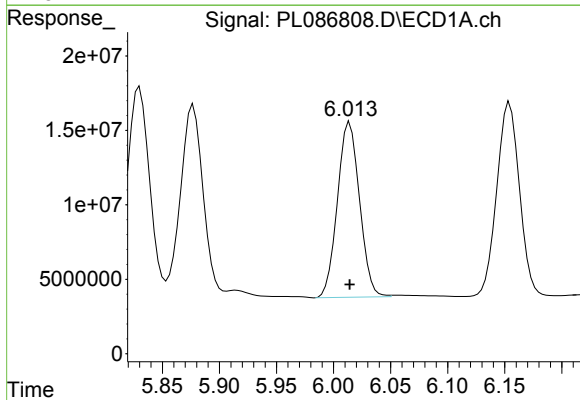
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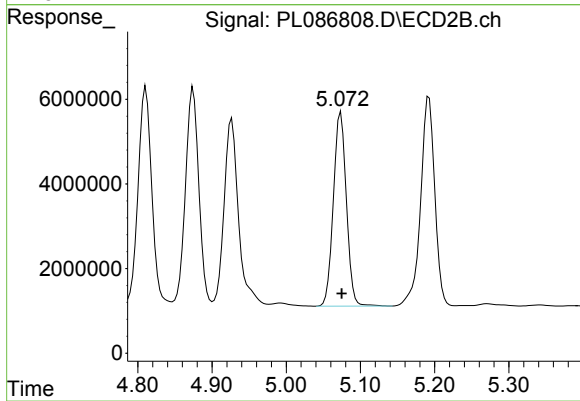
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.001 min
Response: 63232709
Conc: 50.57 ng/ml



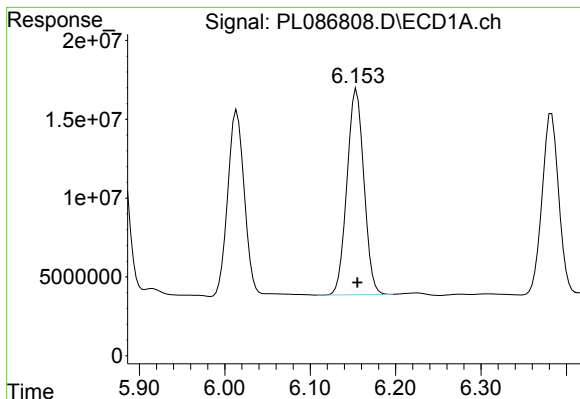
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 158653356
Conc: 45.74 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 56045819
Conc: 54.60 ng/ml



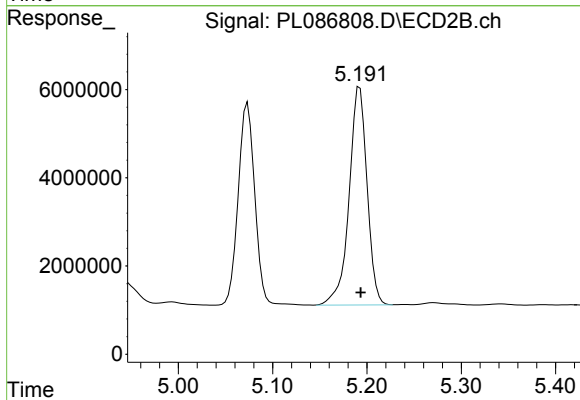
#13 Dieldrin

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 179742197
Conc: 45.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

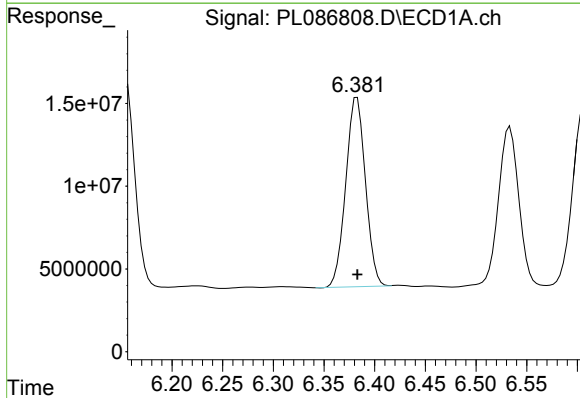
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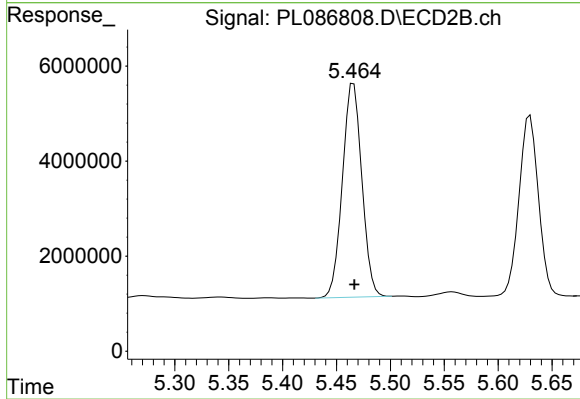
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 65676710
Conc: 55.04 ng/ml m



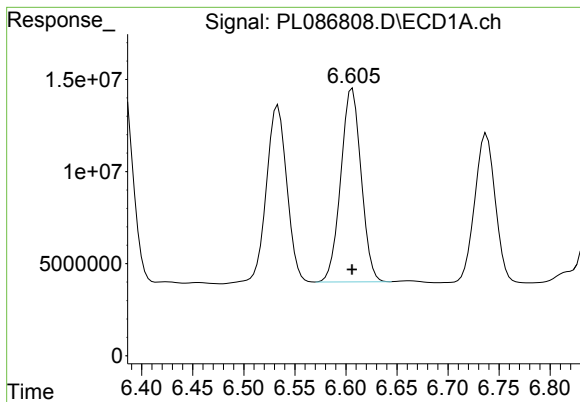
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 154279036
Conc: 44.79 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 56495691
Conc: 51.58 ng/ml



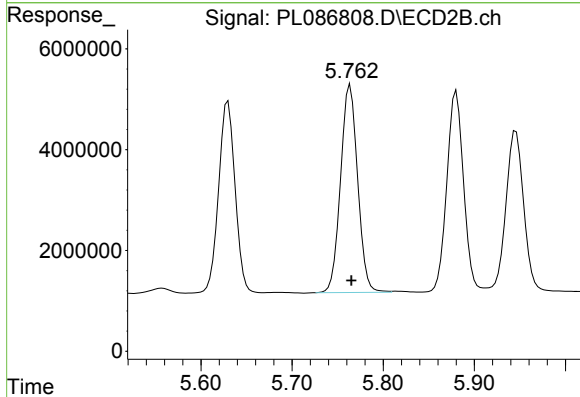
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 145768871
Conc: 41.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

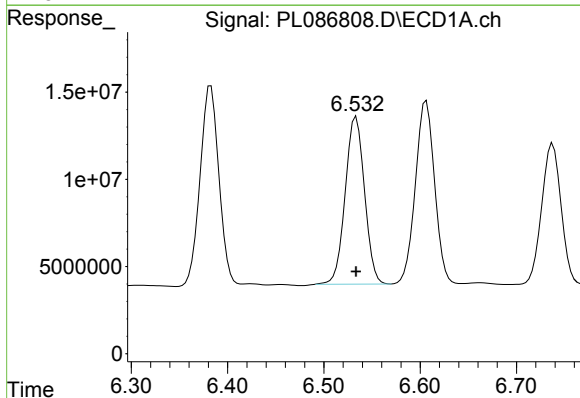
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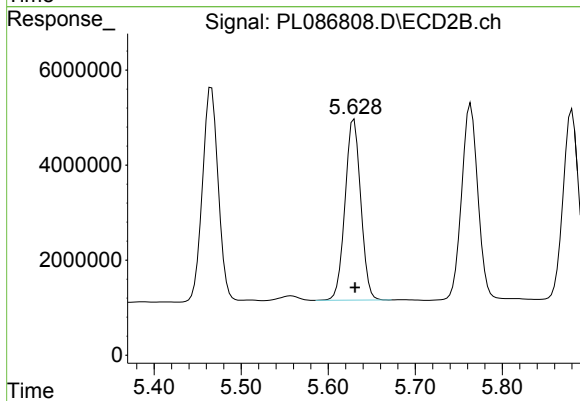
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: -0.001 min
Response: 53756889
Conc: 48.98 ng/ml



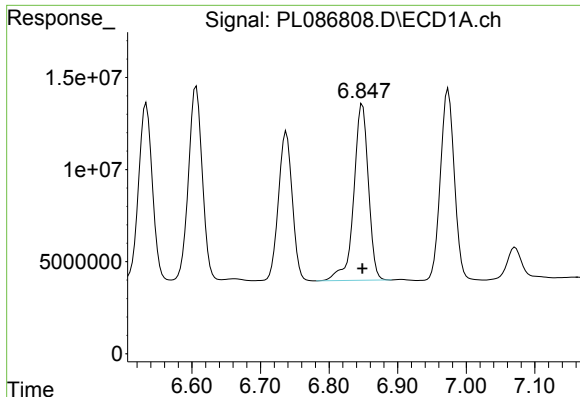
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 133126327
Conc: 50.00 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 47760145
Conc: 56.06 ng/ml



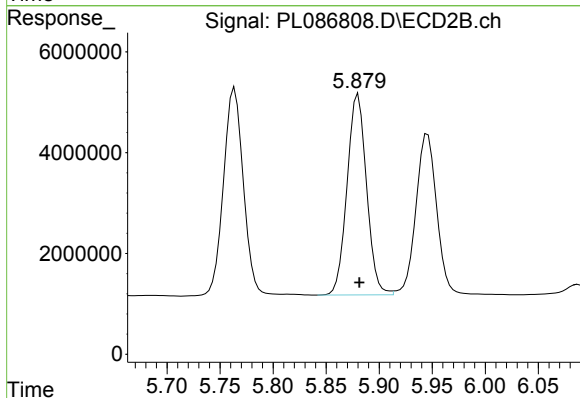
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 141859910
Conc: 47.86 ng/ml

Instrument :
ECD_L
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TP-DMS

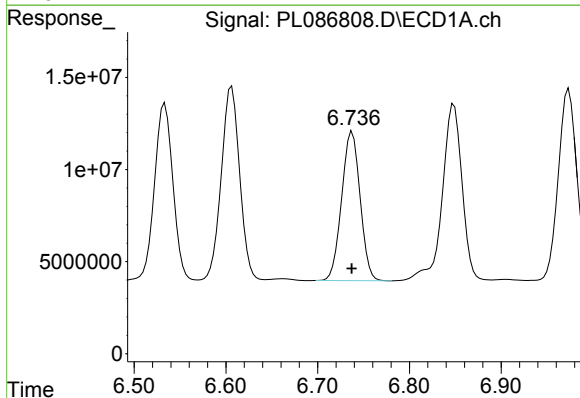
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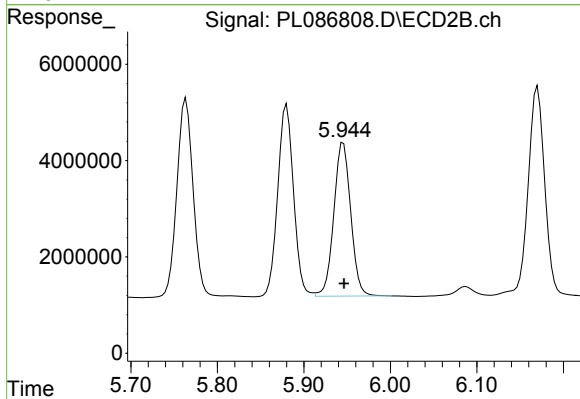
#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.001 min
Response: 50896473
Conc: 52.06 ng/ml



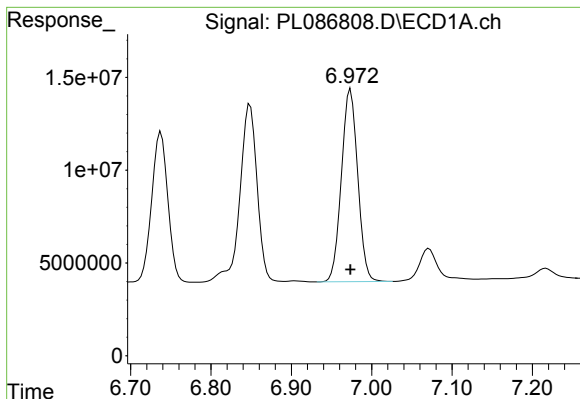
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 113009381
Conc: 42.63 ng/ml



#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 43242757
Conc: 46.16 ng/ml



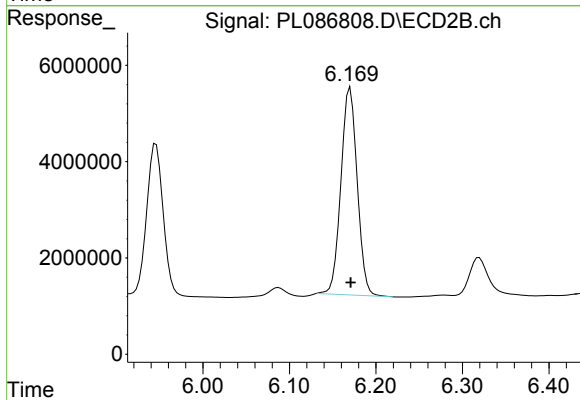
#19 Endosulfan Sulfate

R.T.: 6.974 min
Delta R.T.: 0.000 min
Response: 146533143
Conc: 43.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

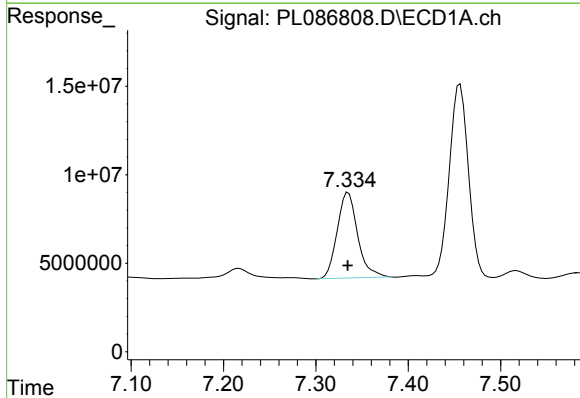
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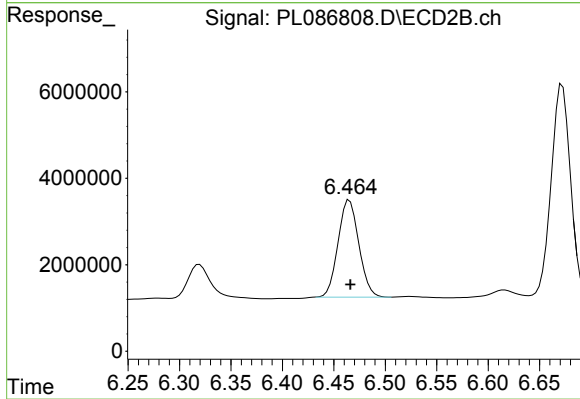
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 55874716
Conc: 51.44 ng/ml



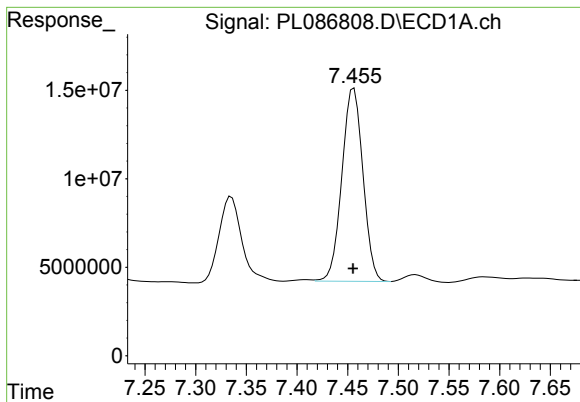
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 74565488
Conc: 46.72 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 31599704
Conc: 52.83 ng/ml



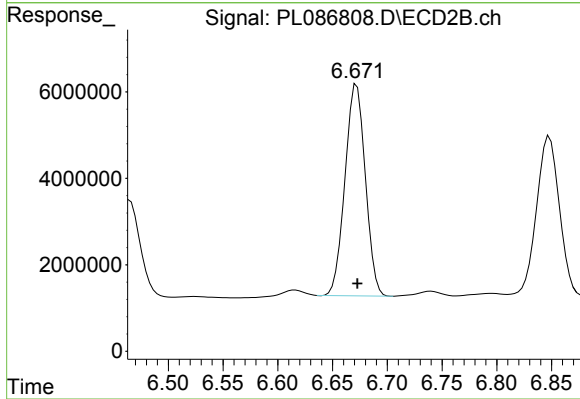
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 157486746
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

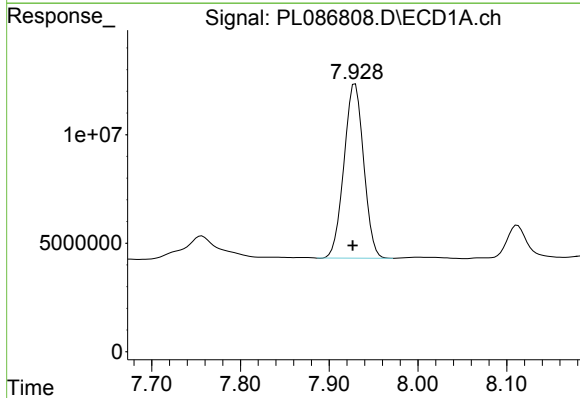
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/24/2023
Supervised By :Ankita Jodhani 11/27/2023



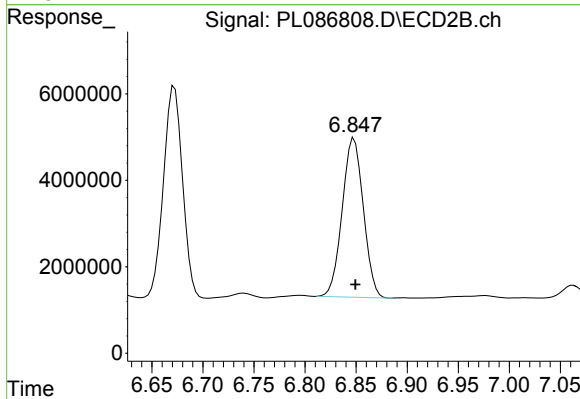
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 63397934
Conc: 49.48 ng/ml



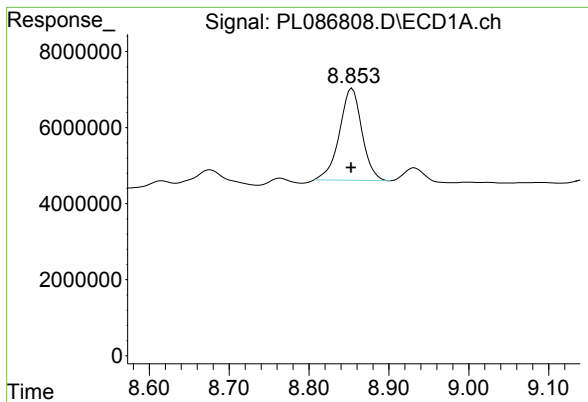
#22 Mirex

R.T.: 7.929 min
Delta R.T.: 0.003 min
Response: 123544034
Conc: 43.75 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.001 min
Response: 53037717
Conc: 46.66 ng/ml



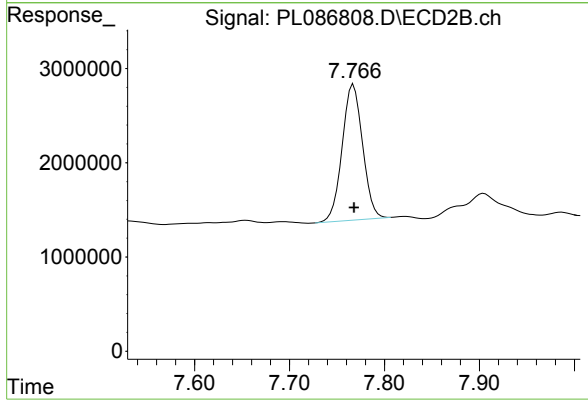
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: 0.002 min
Response: 47339004
Conc: 16.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/24/2023
Supervised By :Ankita Jodhani 11/27/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 21521513
Conc: 17.82 ng/ml