

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111323\
 Data File : PL086627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2023 19:31
 Operator : AR\AJ
 Sample : 05378-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-3MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/14/2023
 Supervised By :Ankita Jodhani 11/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 03:40:16 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...	3.350	2.617	48093221	14456231	14.811	14.682
28)	SA Decachlor...	8.851	7.767	41547722	16700391	14.194	13.829
Target Compounds							
2)	A alpha-BHC	3.805	3.115	215.3E6	60196104	44.752	45.160
3)	MA gamma-BHC...	4.137	3.442	215.8E6	60504763	45.872	45.591
4)	MA Heptachlor	4.724	3.778	205.2E6	61079266	44.972	45.628
5)	MB Aldrin	5.063	4.055	204.2E6	59665402	45.114	45.851
6)	B beta-BHC	4.341	3.745	88786890	26307882	43.898	44.138
7)	B delta-BHC	4.583	3.969	192.0E6	58520991	41.821	44.731
8)	B Heptachlo...	5.493	4.559	180.8E6	56080898	46.518	46.694
9)	A Endosulfan I	5.877	4.927	169.5E6	52647463	45.186	45.787
10)	B gamma-Chl...	5.751	4.811	210.6E6	65072696	51.400	52.742
11)	B alpha-Chl...	5.830	4.875	224.5E6	65206171	55.289	52.145
12)	B 4,4'-DDE	6.014	5.074	151.3E6	49723801	43.618	48.439
13)	MA Dieldrin	6.154	5.191	173.6E6	57612779	44.142	48.285m
14)	MA Endrin	6.382	5.466	148.9E6	50022123	43.235	45.669
15)	B Endosulfa...	6.606	5.764	149.4E6	52014367	42.044	47.391
16)	A 4,4'-DDD	6.533	5.630	120.0E6	40397534	45.077	47.416
17)	MA 4,4'-DDT	6.848	5.881	139.1E6	48292060	46.932	49.400
18)	B Endrin al...	6.735	5.945	114.1E6	41609165	43.032m	44.419
19)	B Endosulfa...	6.973	6.170	140.4E6	48034421	41.822	44.224
20)	A Methoxychlor	7.334	6.465	76594218	29938508	47.995	50.050
21)	B Endrin ke...	7.455	6.672	155.7E6	56215530	45.683	43.873
22)	Mirex	7.927	6.848	144.9E6	55373558	51.291	48.713

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111323\
Data File : PL086627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2023 19:31
Operator : AR\AJ
Sample : 05378-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

MH-3MS

Manual Integrations

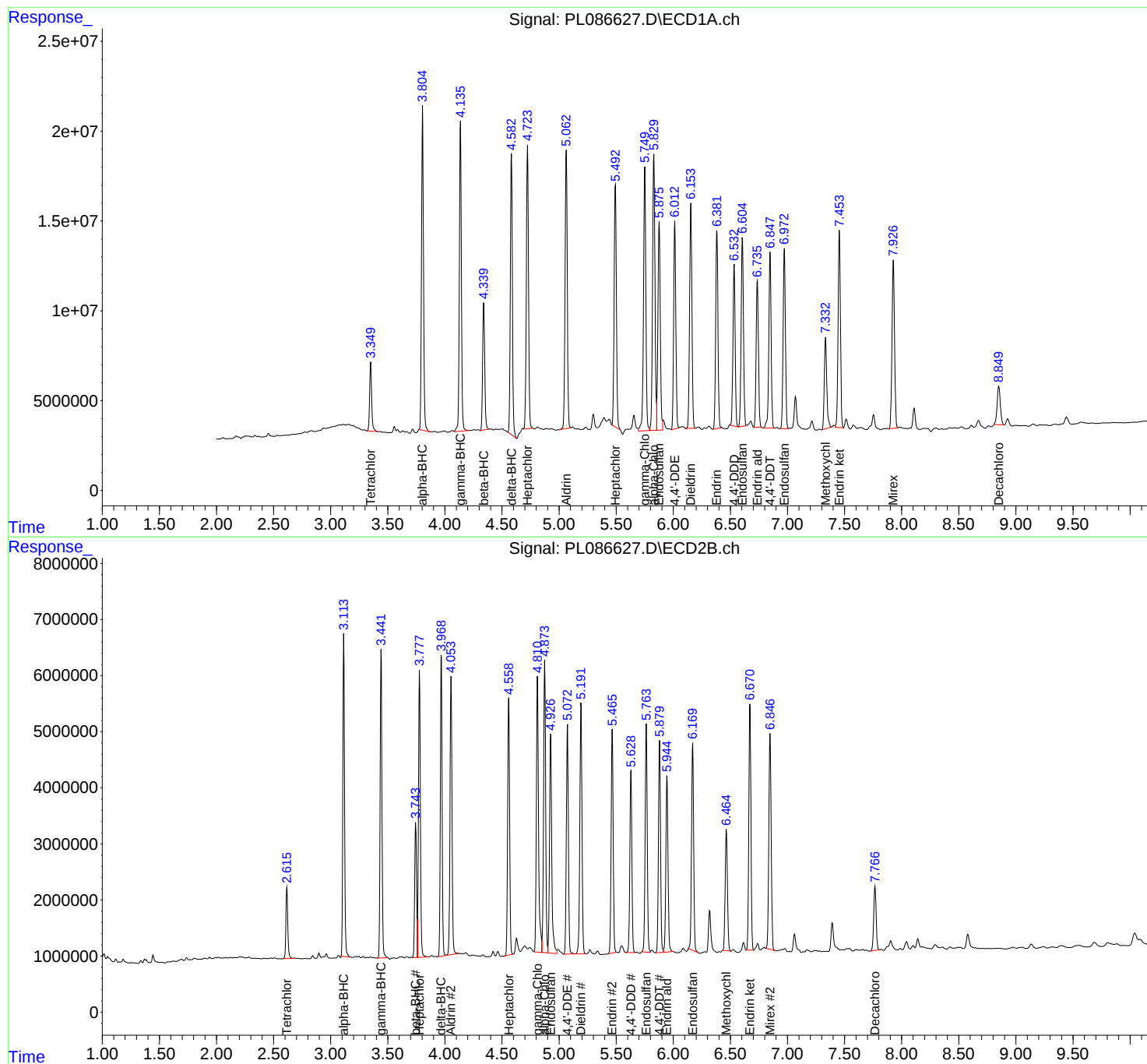
APPROVED

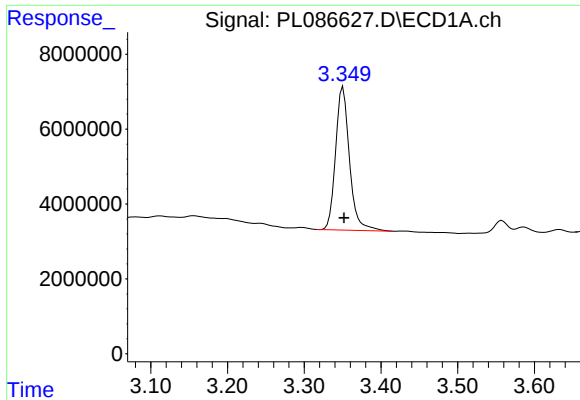
Reviewed By :Abdul Mirza 11/14/2023

Supervised By :Ankita Jodhani 11/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 03:40:16 2023
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QLast Update : Wed Nov 08 13:04:14 2023
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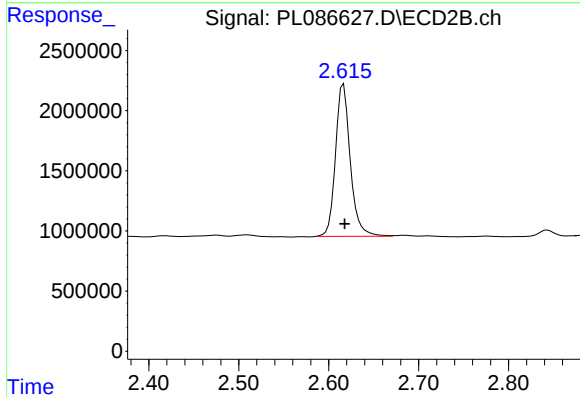
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 48093221
Conc: 14.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

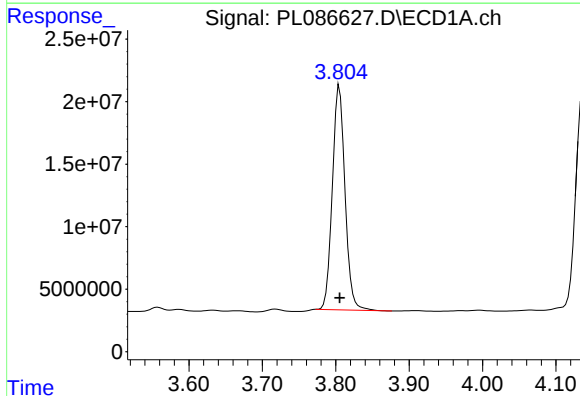
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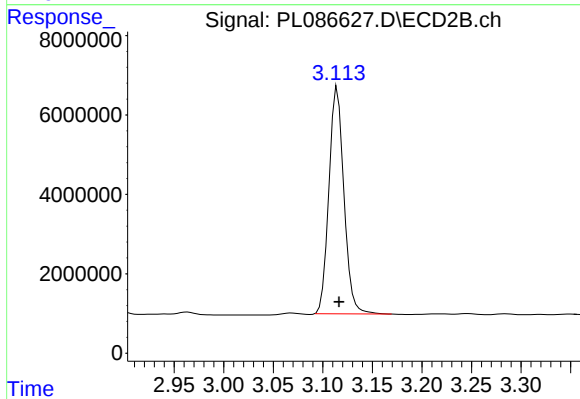
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 14456231
Conc: 14.68 ng/ml



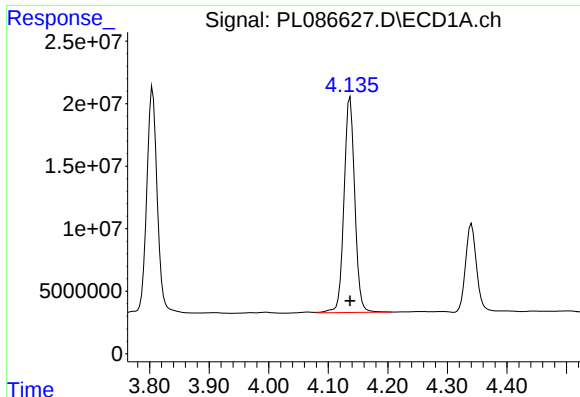
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 215275368
Conc: 44.75 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 60196104
Conc: 45.16 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 215810601
Conc: 45.87 ng/ml

Instrument :

ECD_L

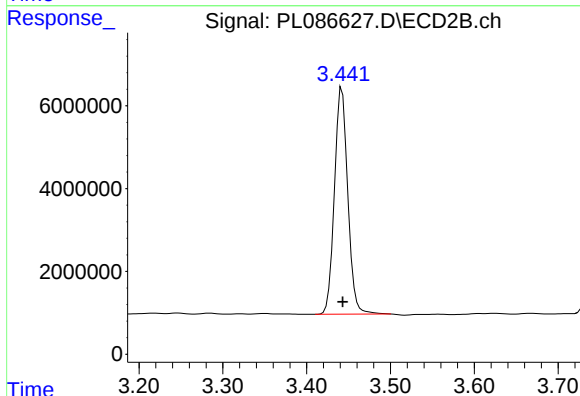
ClientSampleId :

MH-3MS

Manual Integrations

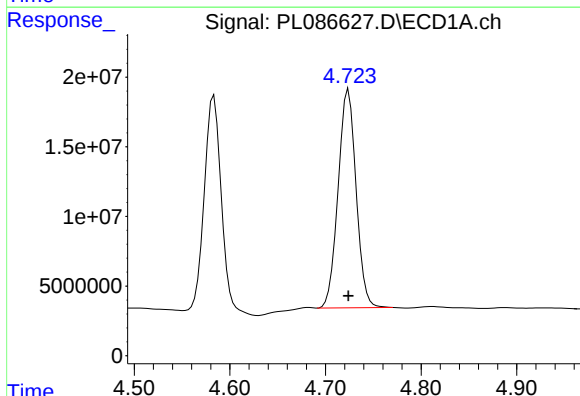
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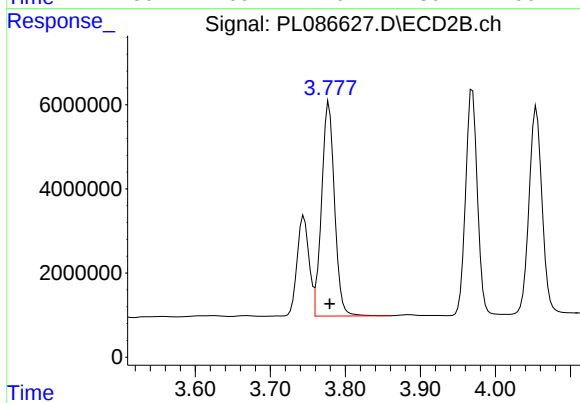
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 60504763
Conc: 45.59 ng/ml



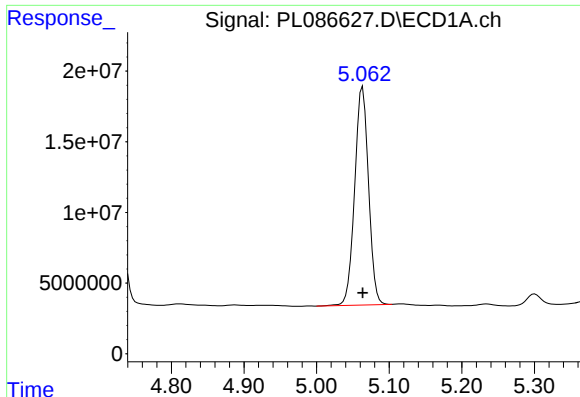
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.000 min
Response: 205157945
Conc: 44.97 ng/ml



#4 Heptachlor

R.T.: 3.778 min
Delta R.T.: -0.001 min
Response: 61079266
Conc: 45.63 ng/ml



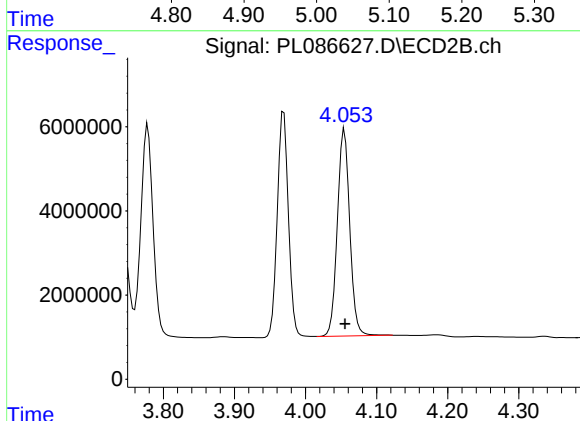
#5 Aldrin

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 204247689
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

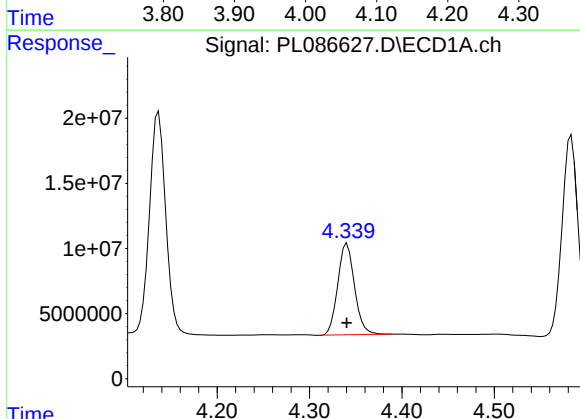
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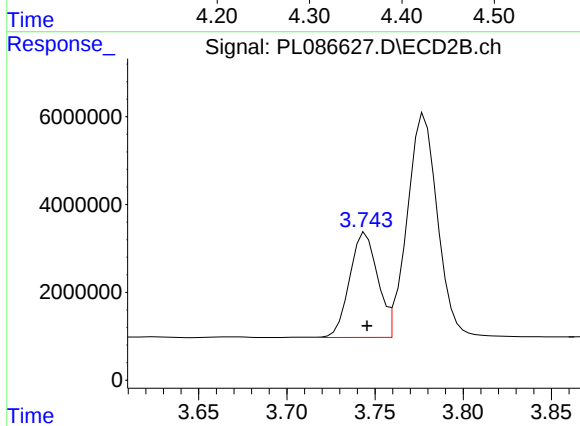
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 59665402
Conc: 45.85 ng/ml



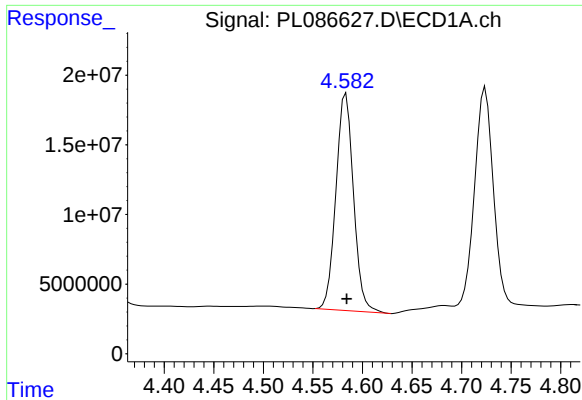
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 88786890
Conc: 43.90 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 26307882
Conc: 44.14 ng/ml



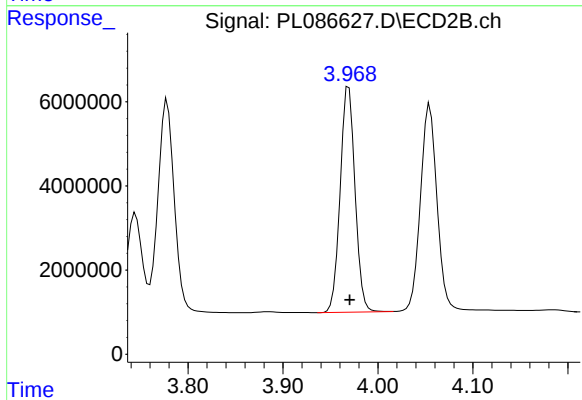
#7 delta-BHC

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 192013727
Conc: 41.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

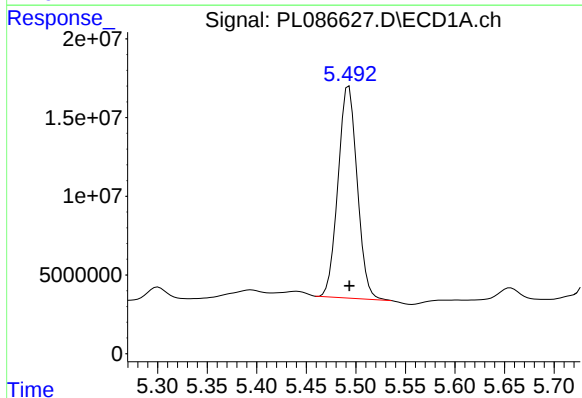
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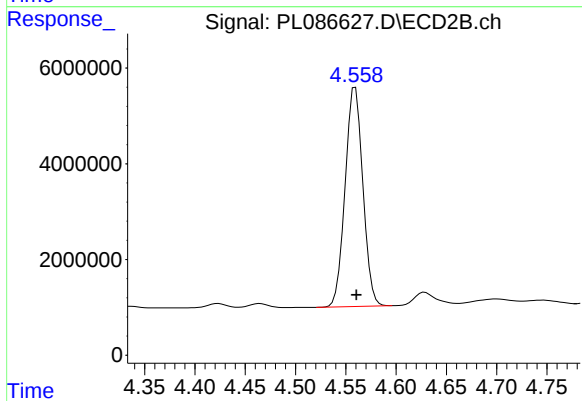
#7 delta-BHC

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 58520991
Conc: 44.73 ng/ml



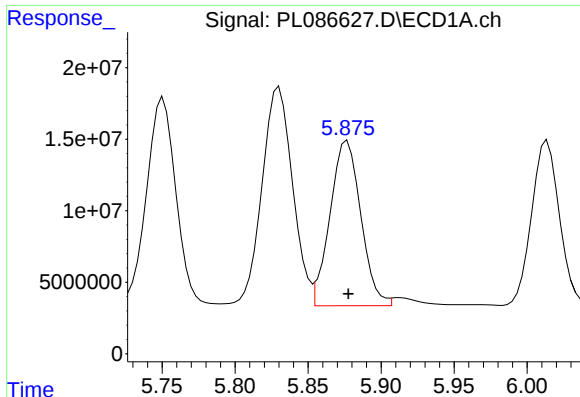
#8 Heptachlor epoxide

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 180832040
Conc: 46.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.559 min
Delta R.T.: -0.001 min
Response: 56080898
Conc: 46.69 ng/ml



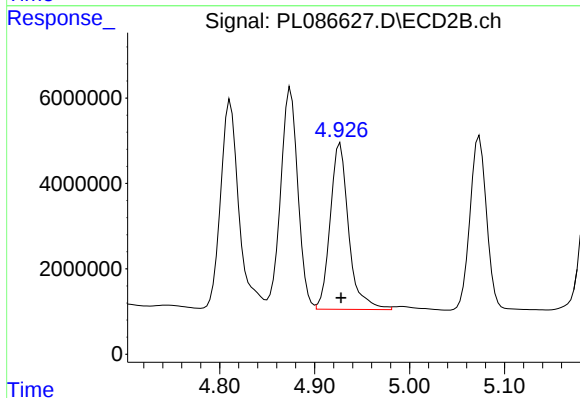
#9 Endosulfan I

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 169521034
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

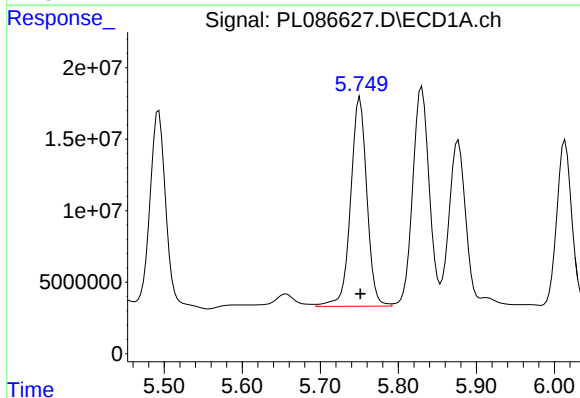
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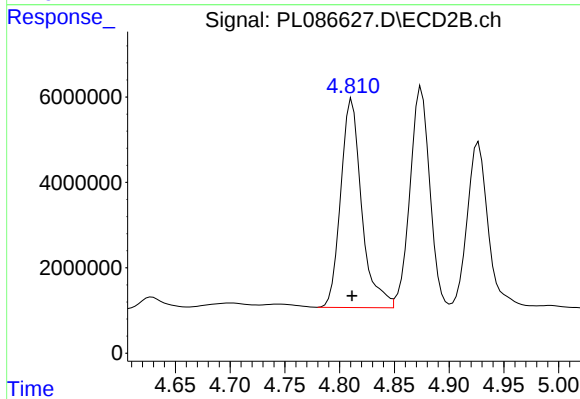
#9 Endosulfan I

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 52647463
Conc: 45.79 ng/ml



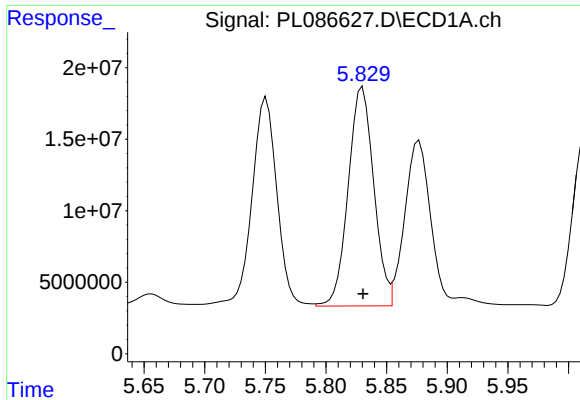
#10 gamma-Chlordane

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 210598372
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.811 min
Delta R.T.: 0.000 min
Response: 65072696
Conc: 52.74 ng/ml



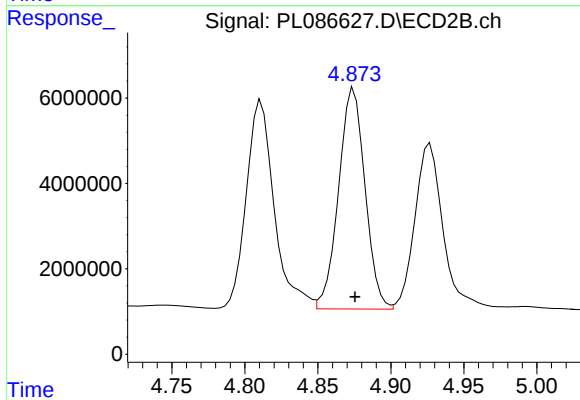
#11 alpha-Chlordane

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 224468256
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

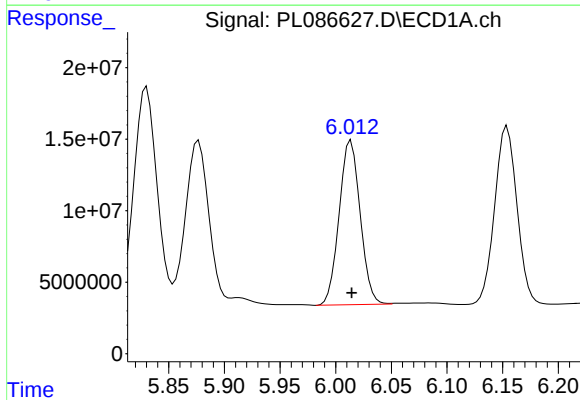
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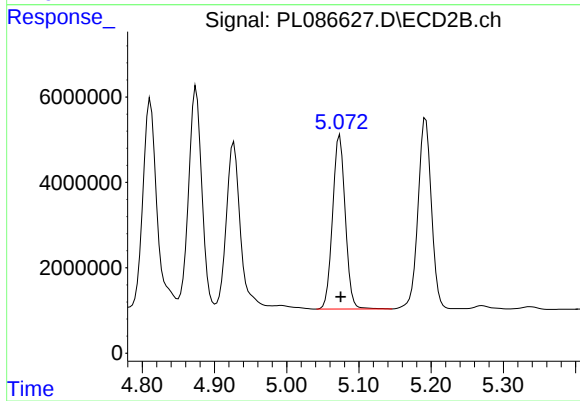
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 65206171
Conc: 52.15 ng/ml



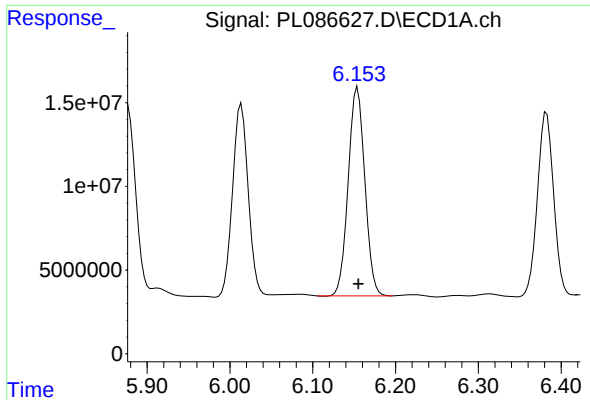
#12 4,4'-DDE

R.T.: 6.014 min
Delta R.T.: 0.000 min
Response: 151279362
Conc: 43.62 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.001 min
Response: 49723801
Conc: 48.44 ng/ml



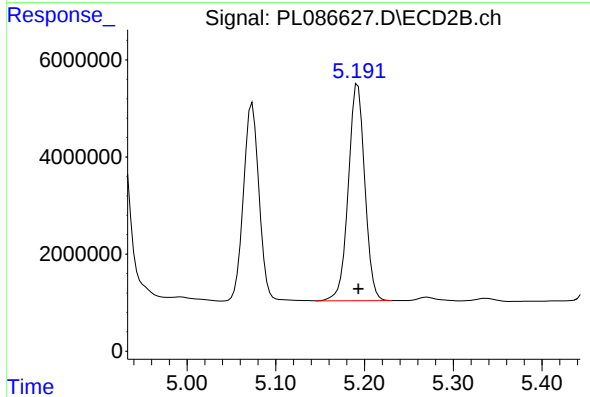
#13 Dieldrin

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 173566351
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

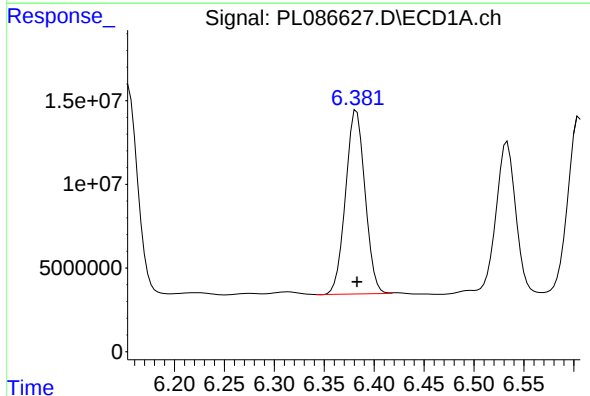
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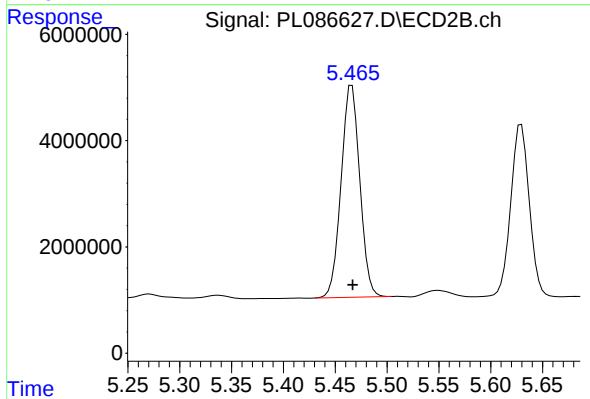
#13 Dieldrin

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 57612779
Conc: 48.29 ng/ml m



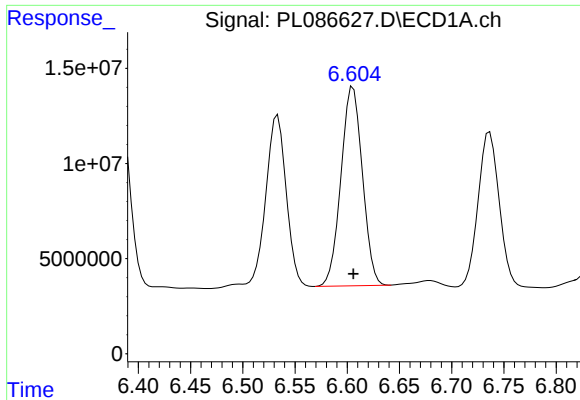
#14 Endrin

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 148915832
Conc: 43.23 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 50022123
Conc: 45.67 ng/ml



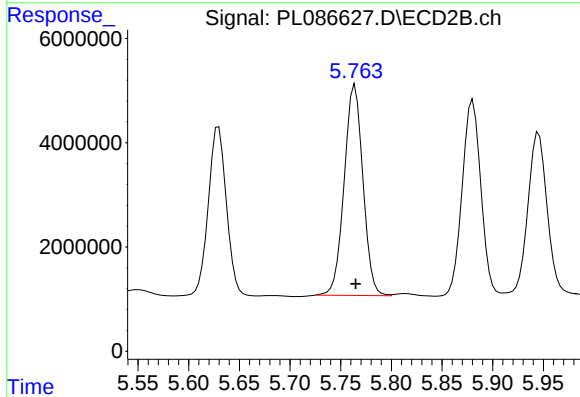
#15 Endosulfan II

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 149440522
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

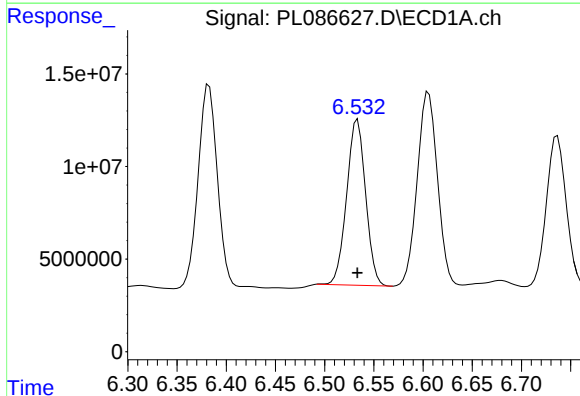
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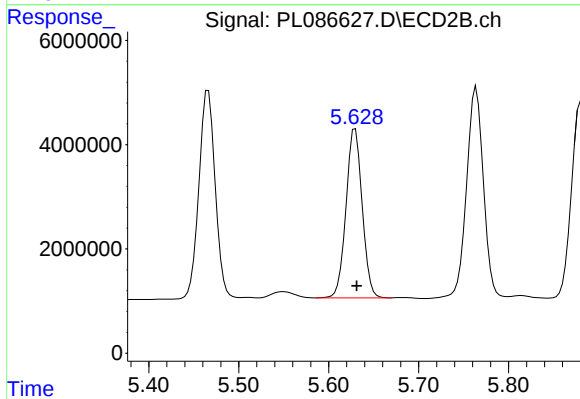
#15 Endosulfan II

R.T.: 5.764 min
Delta R.T.: 0.000 min
Response: 52014367
Conc: 47.39 ng/ml



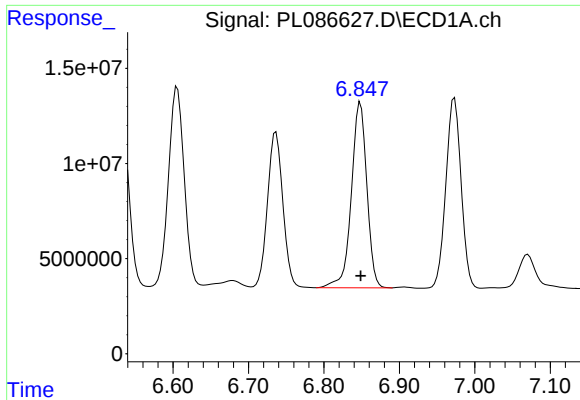
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 120028073
Conc: 45.08 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 40397534
Conc: 47.42 ng/ml



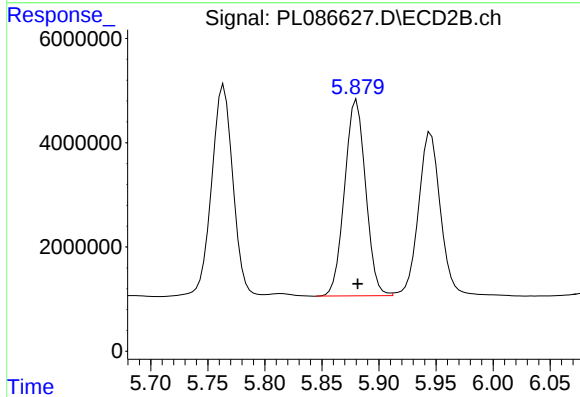
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 139120635
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

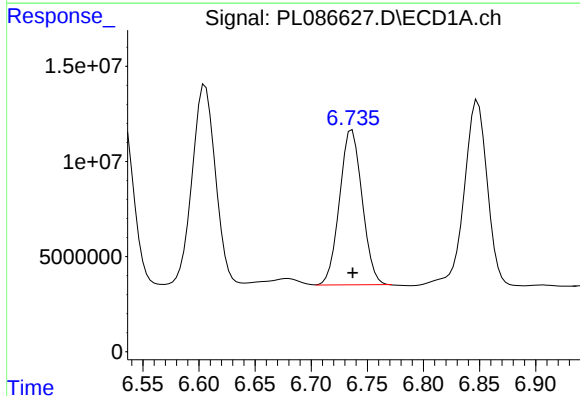
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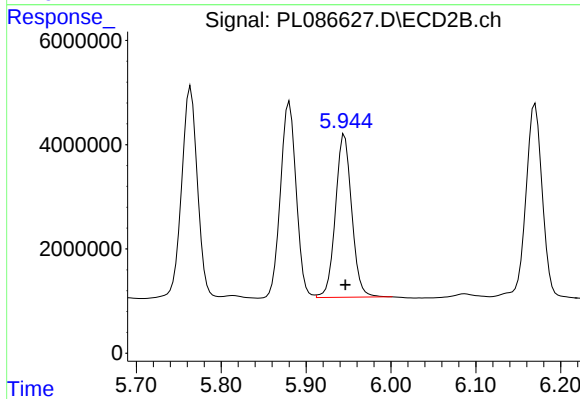
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 48292060
Conc: 49.40 ng/ml



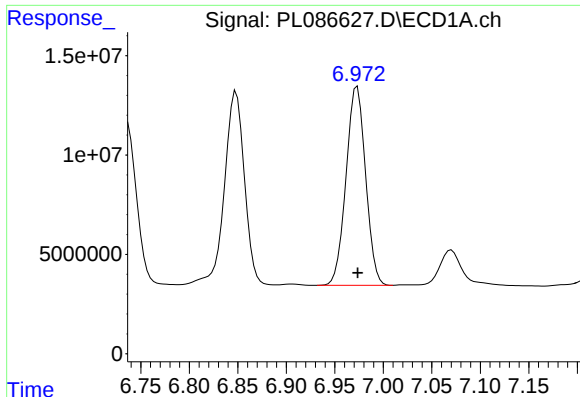
#18 Endrin aldehyde

R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 114082411
Conc: 43.03 ng/ml m



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 41609165
Conc: 44.42 ng/ml



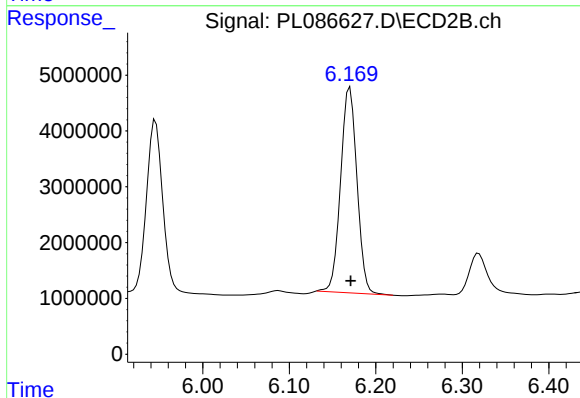
#19 Endosulfan Sulfate

R.T.: 6.973 min
Delta R.T.: 0.000 min
Response: 140369936
Conc: 41.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

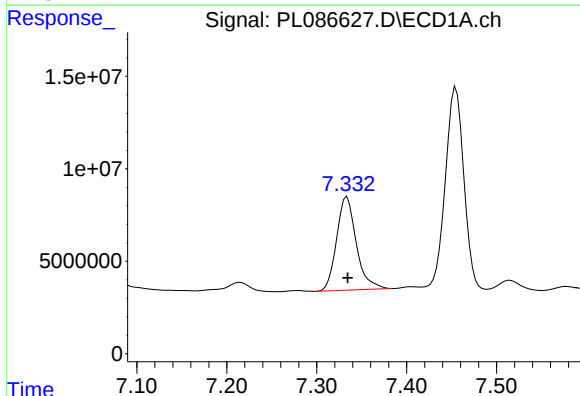
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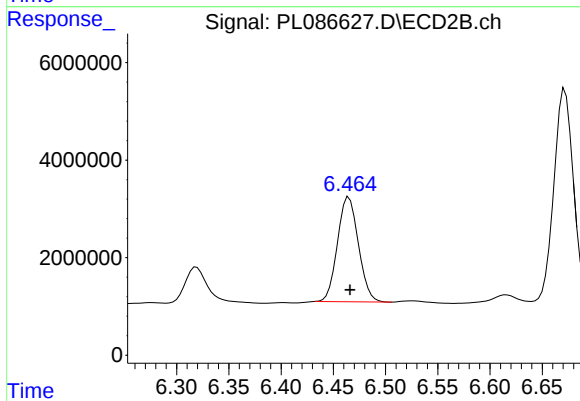
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: 0.000 min
Response: 48034421
Conc: 44.22 ng/ml



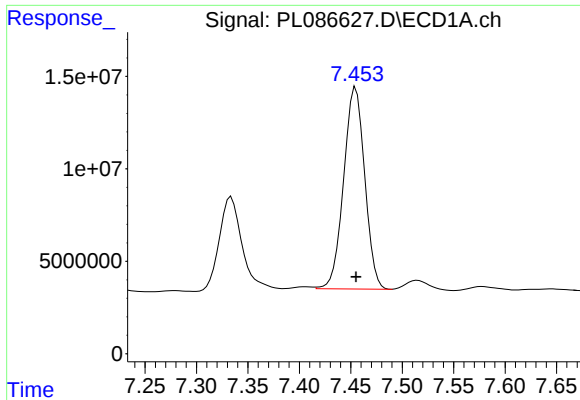
#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: 0.000 min
Response: 76594218
Conc: 48.00 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 29938508
Conc: 50.05 ng/ml



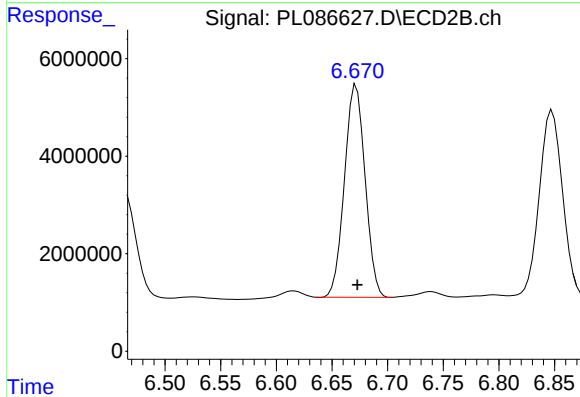
#21 Endrin ketone

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 155689163
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

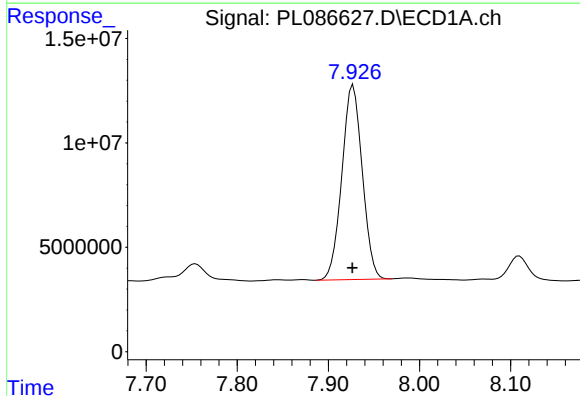
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Reviewed By :Abdul Mirza 11/14/2023
Supervised By :Ankita Jodhani 11/14/2023



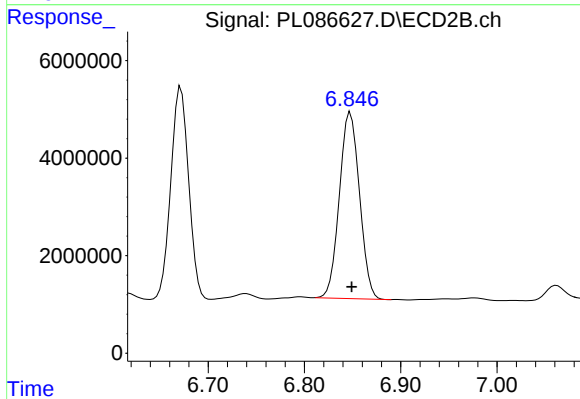
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 56215530
Conc: 43.87 ng/ml



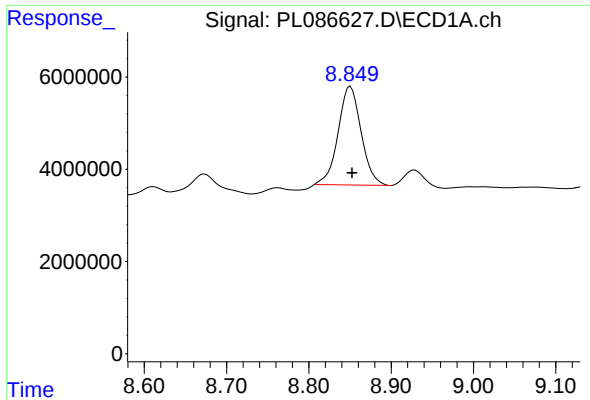
#22 Mirex

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 144852095
Conc: 51.29 ng/ml



#22 Mirex

R.T.: 6.848 min
Delta R.T.: -0.001 min
Response: 55373558
Conc: 48.71 ng/ml



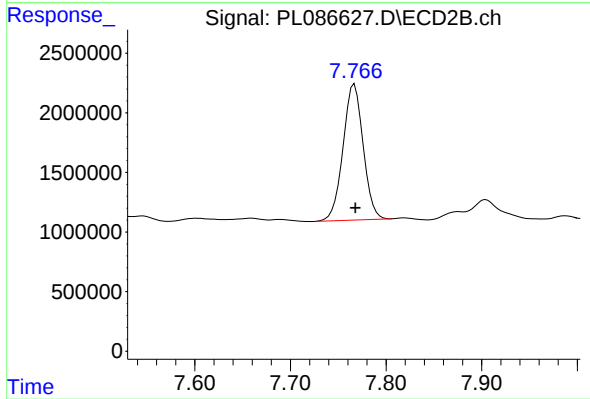
#28 Decachlorobiphenyl

R.T.: 8.851 min
Delta R.T.: -0.002 min
Response: 41547722
Conc: 14.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-3MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 11/14/2023



#28 Decachlorobiphenyl

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 16700391
Conc: 13.83 ng/ml