

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
 Data File : PL086890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 14:16
 Operator : AR\AJ
 Sample : 05562-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-03-112823MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:15:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.343	2.610	61311462	17599832	19.177	19.351
28)	SA Decachlor...	8.842	7.760	52660302	20424513	19.726	18.524
Target Compounds							
2)	A alpha-BHC	3.797	3.108	237.8E6	64988867	51.361	51.175
3)	MA gamma-BHC...	4.128	3.435	220.9E6	63879992	50.499	52.282
4)	MA Heptachlor	4.715	3.770	213.0E6	64550245	53.658	55.283
5)	MB Aldrin	5.054	4.045	226.6E6	66433825	53.697	54.430m
6)	B beta-BHC	4.332	3.738	96991767	26844154	51.849	50.737
7)	B delta-BHC	4.575	3.962	236.4E6	61887826	55.678	52.996
8)	B Heptachlo...	5.486	4.552	186.8E6	61707350	52.733	54.206
9)	A Endosulfan I	5.869	4.918	186.9E6	55948082	51.869	43.437m
10)	B gamma-Chl...	5.743	4.802	334.3E6	101.6E6	88.908	88.675m
11)	B alpha-Chl...	5.823	4.867	370.7E6	109.7E6	98.484	82.526
12)	B 4,4'-DDE	6.007	5.067	158.3E6	51664501	52.363	56.275
13)	MA Dieldrin	6.147	5.186	173.4E6	55529237	49.935	51.851
14)	MA Endrin	6.375	5.459	142.9E6	48405145	55.425	57.433
15)	B Endosulfa...	6.598	5.758	137.8E6	47768797	48.293	51.445
16)	A 4,4'-DDD	6.525	5.624	128.3E6	41276237	54.786m	53.444
17)	MA 4,4'-DDT	6.839	5.874	136.4E6	46411538	53.156m	57.549
18)	B Endrin al...	6.728	5.939	111.3E6	37310111	52.172m	53.406
19)	B Endosulfa...	6.966	6.164	145.2E6	50142760	50.839	52.847
20)	A Methoxychlor	7.327	6.457	75108770	26266527	56.880	51.031m
21)	B Endrin ke...	7.447	6.665	155.8E6	55932408	52.096	48.999
22)	Mirex	7.919	6.841	123.3E6	47402558	48.202	45.673

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL113023\
Data File : PL086890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Nov 2023 14:16
Operator : AR\AJ
Sample : 05562-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

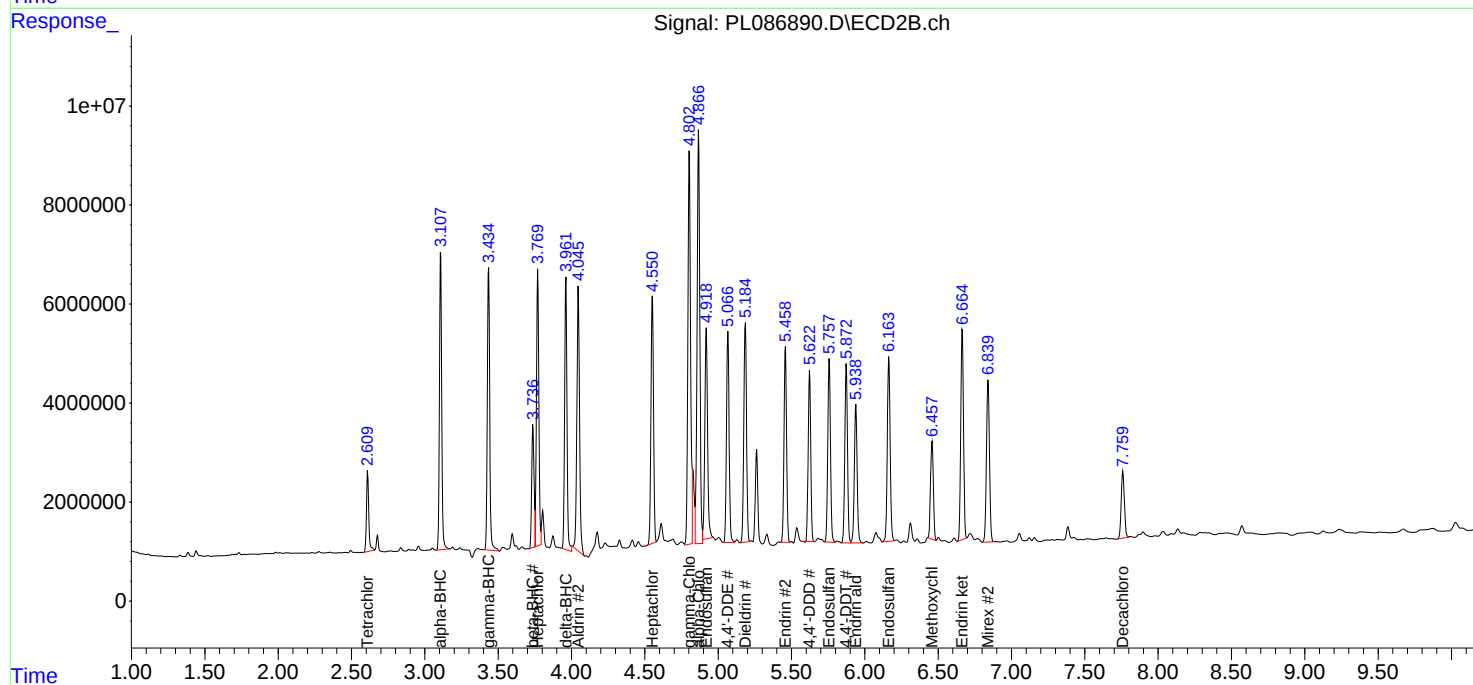
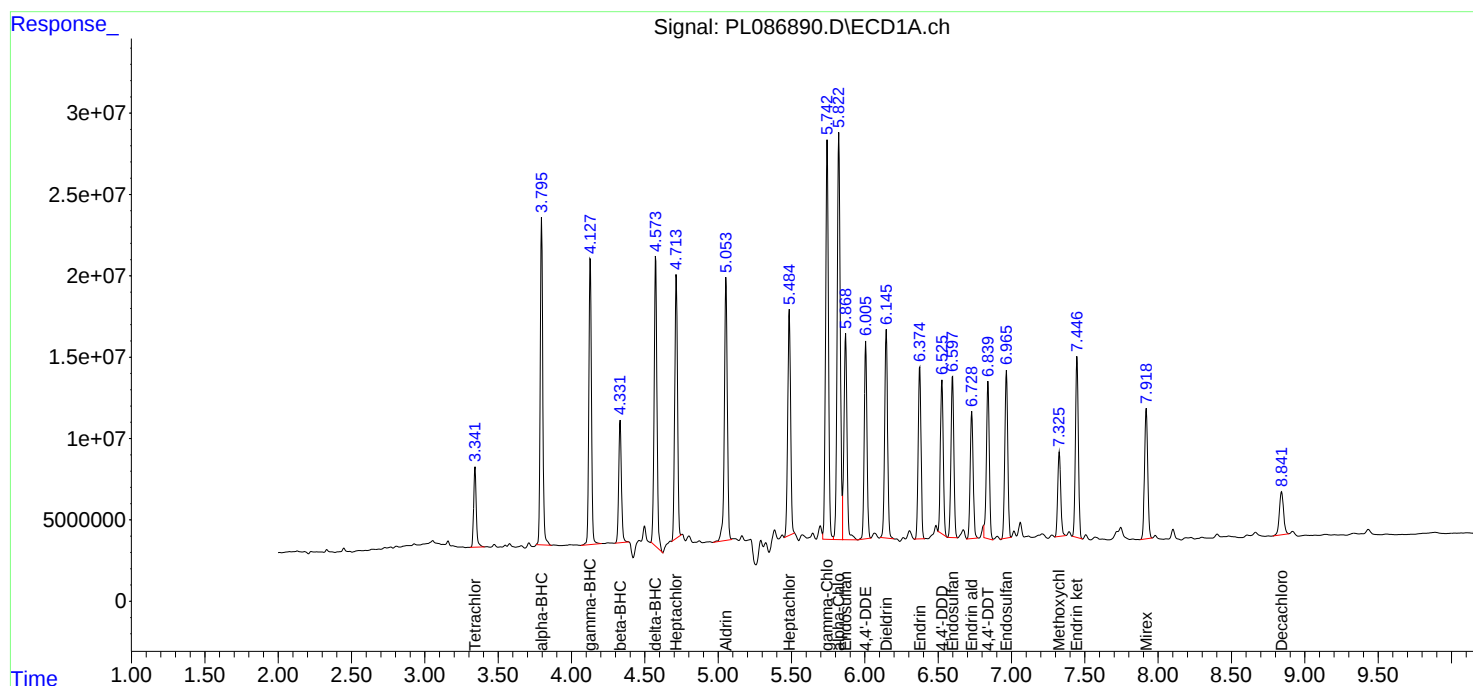
Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

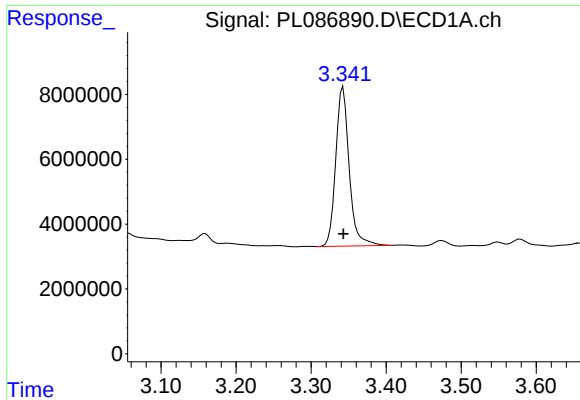
Manual Integrations
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Supervised By :Ankita Jodhani 11/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 29 20:15:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 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





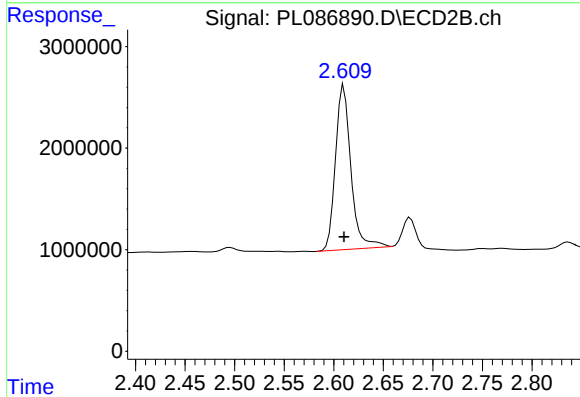
#1 Tetrachloro-m-xylene

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 61311462
Conc: 19.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

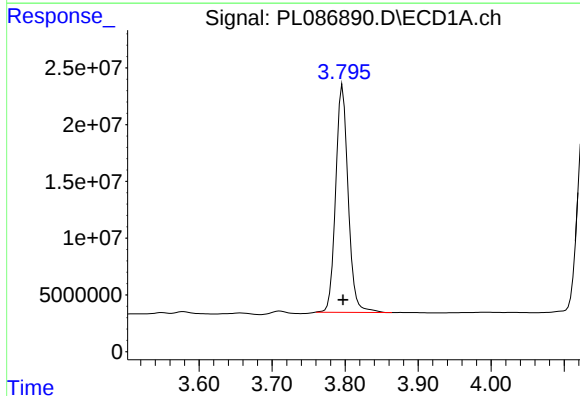
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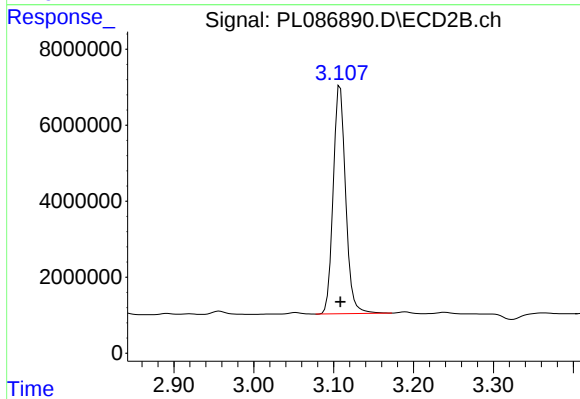
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 17599832
Conc: 19.35 ng/ml



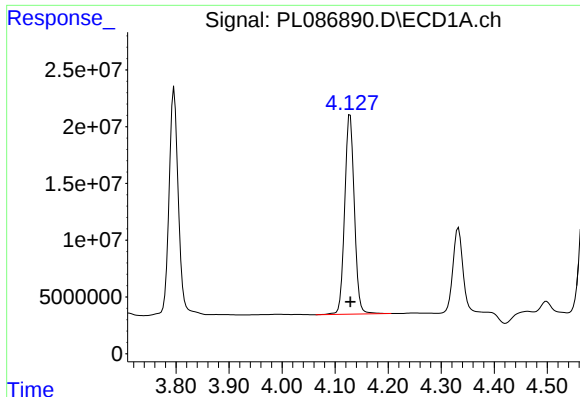
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 237806519
Conc: 51.36 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 64988867
Conc: 51.17 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 220926029
Conc: 50.50 ng/ml

Instrument :

ECD_L

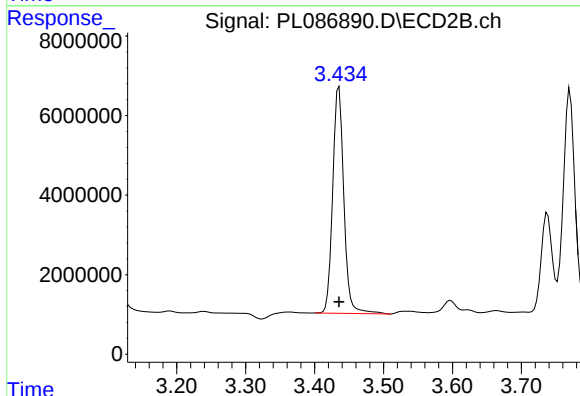
ClientSampleId :

SU-03-112823MSD

Manual Integrations

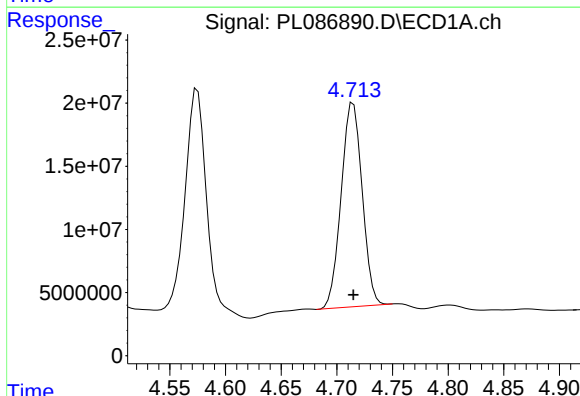
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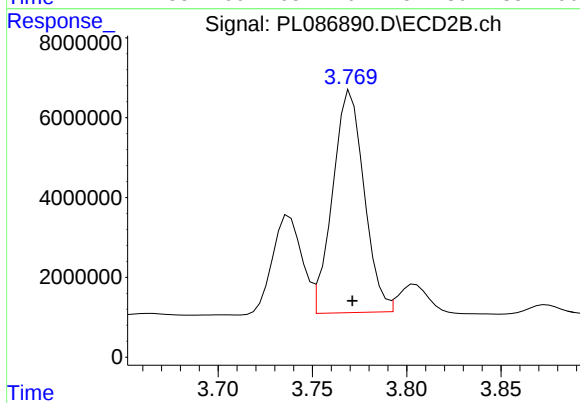
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 63879992
Conc: 52.28 ng/ml



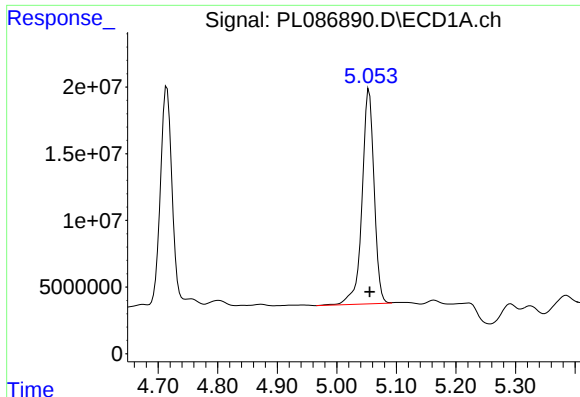
#4 Heptachlor

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 212955150
Conc: 53.66 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 64550245
Conc: 55.28 ng/ml



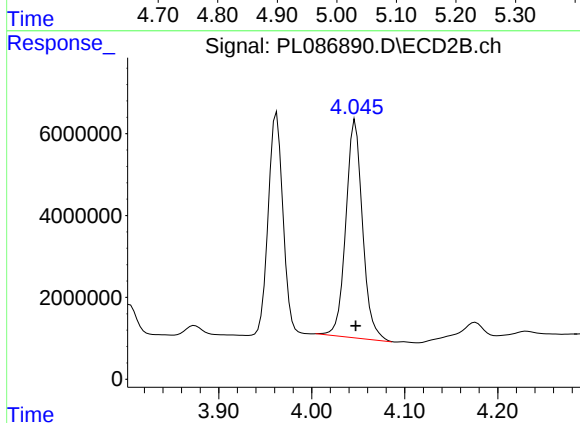
#5 Aldrin

R.T.: 5.054 min
Delta R.T.: -0.001 min
Response: 226610393
Conc: 53.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

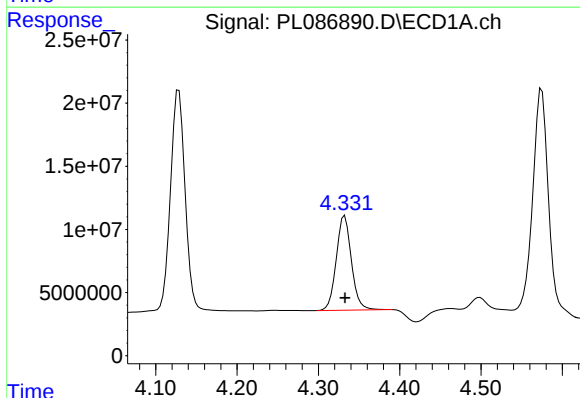
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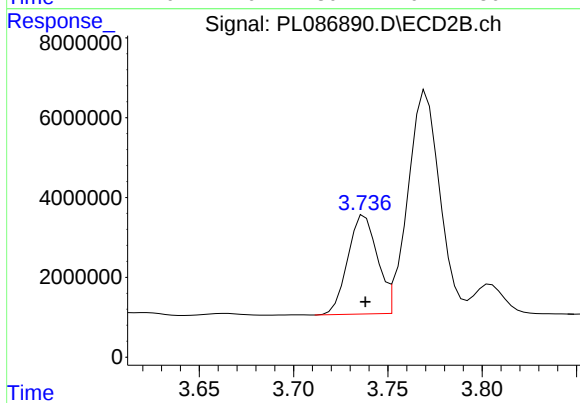
#5 Aldrin

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 66433825
Conc: 54.43 ng/ml m



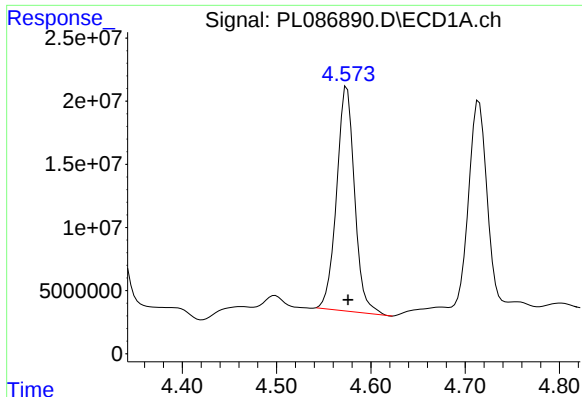
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 96991767
Conc: 51.85 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 26844154
Conc: 50.74 ng/ml



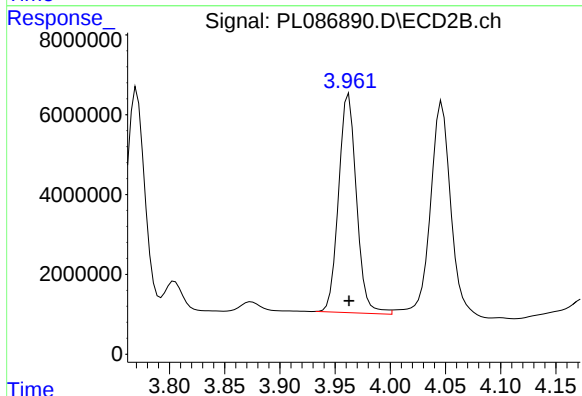
#7 delta-BHC

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 236361380
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

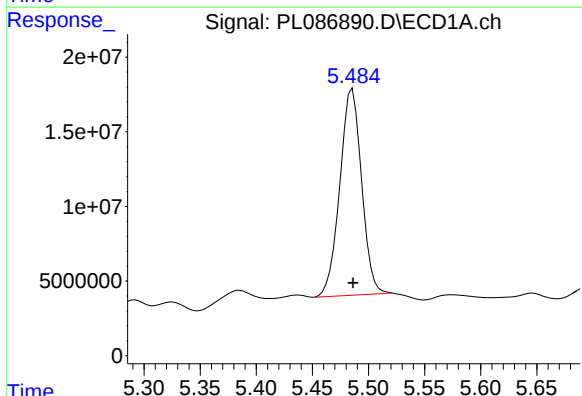
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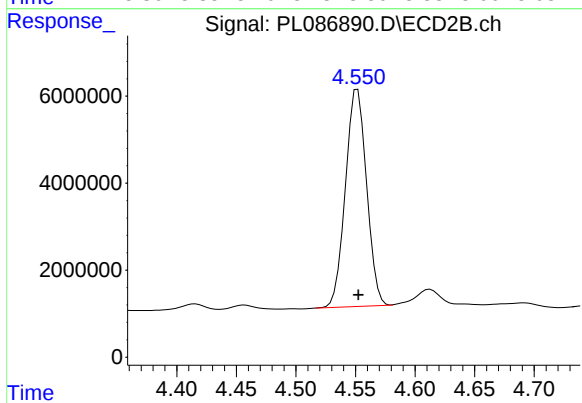
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 61887826
Conc: 53.00 ng/ml



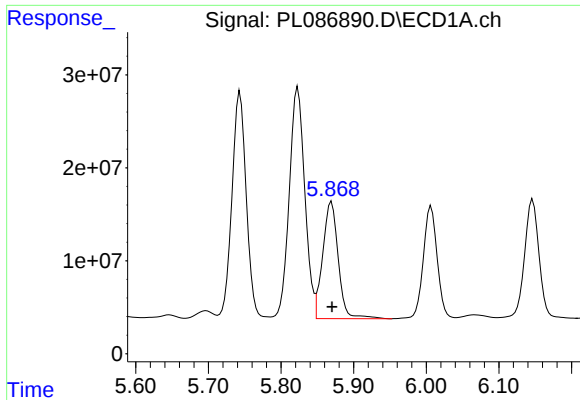
#8 Heptachlor epoxide

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 186797254
Conc: 52.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 61707350
Conc: 54.21 ng/ml



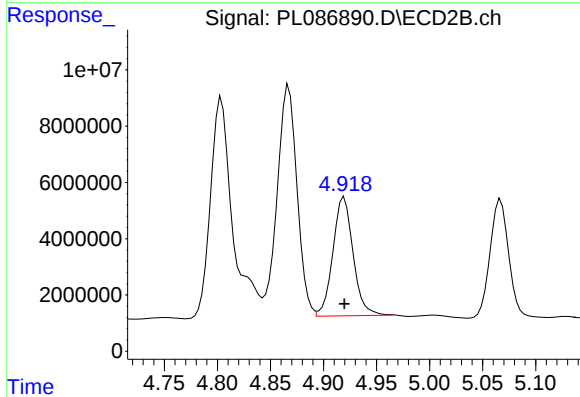
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 186875209
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

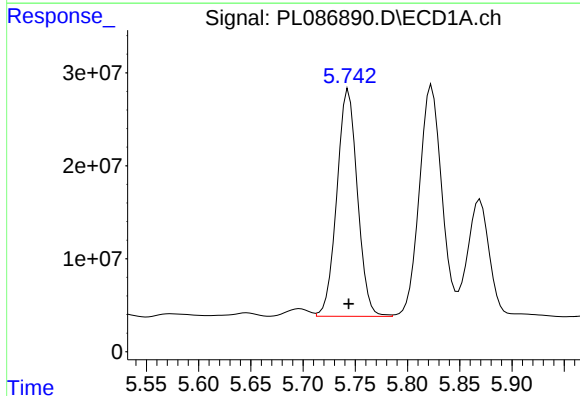
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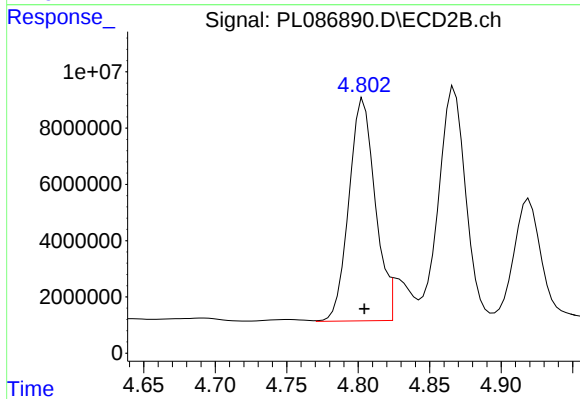
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 55948082
Conc: 43.44 ng/ml m



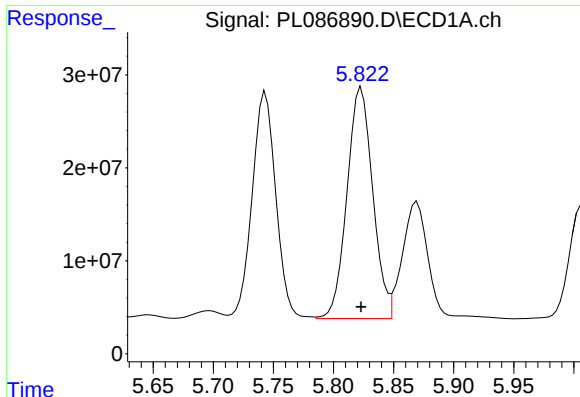
#10 gamma-Chlordane

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 334283677
Conc: 88.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 101647804
Conc: 88.68 ng/ml m



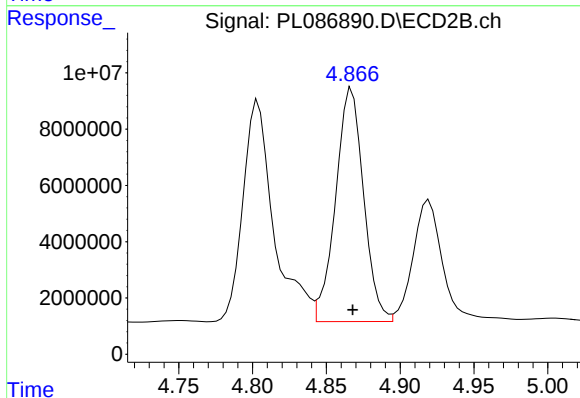
#11 alpha-Chlordane

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 370748555
Conc: 98.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

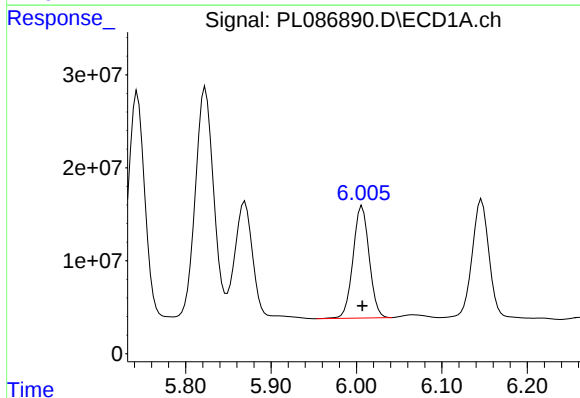
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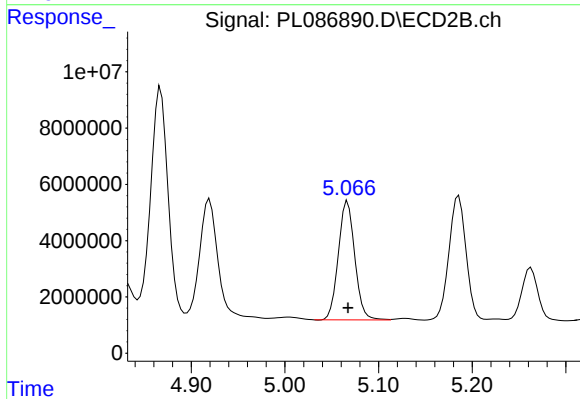
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 109743100
Conc: 82.53 ng/ml



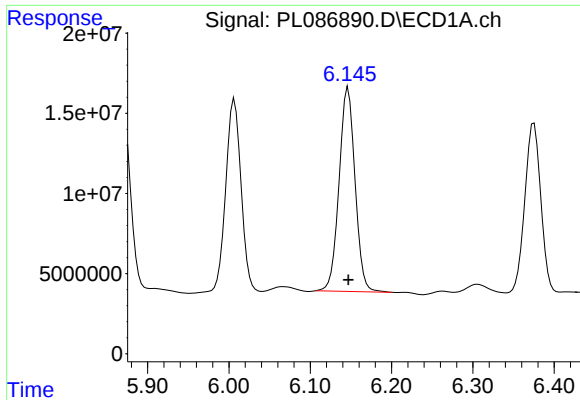
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 158312856
Conc: 52.36 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: 0.000 min
Response: 51664501
Conc: 56.27 ng/ml



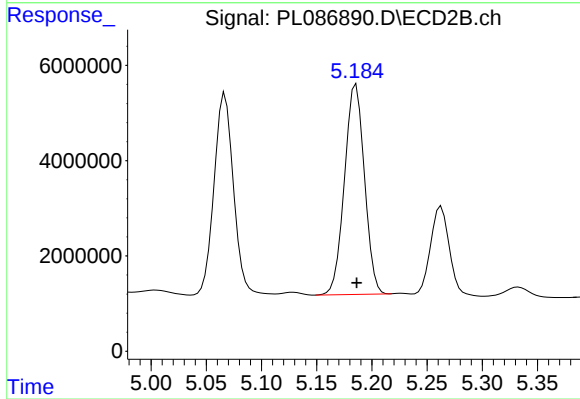
#13 Dieldrin

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 173355825
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

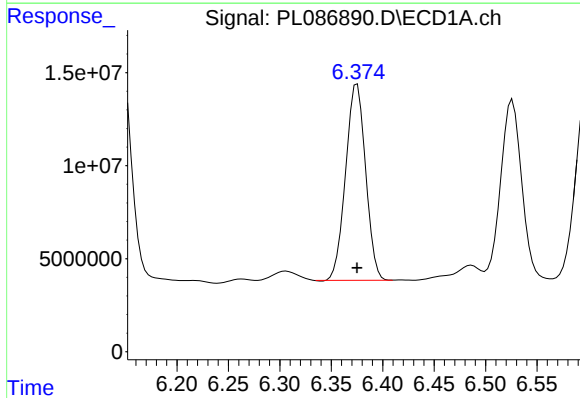
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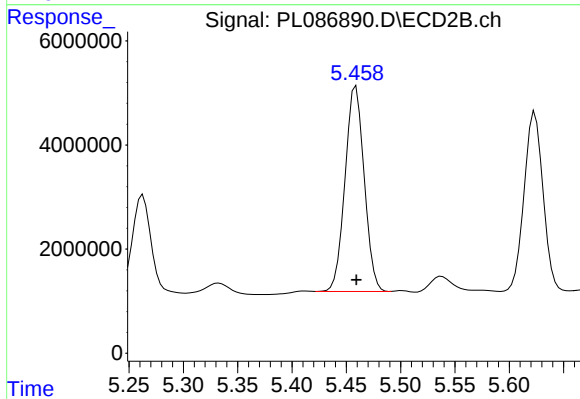
#13 Dieldrin

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 55529237
Conc: 51.85 ng/ml



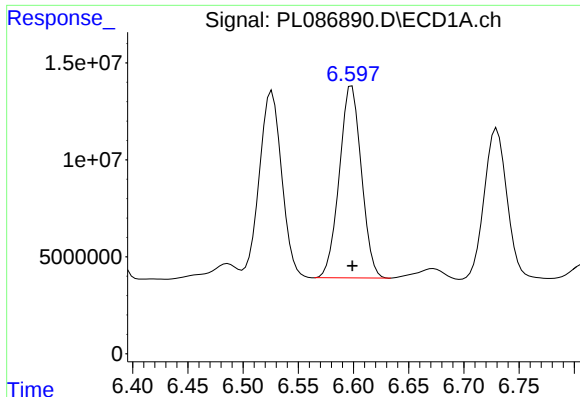
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 142867253
Conc: 55.43 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 48405145
Conc: 57.43 ng/ml



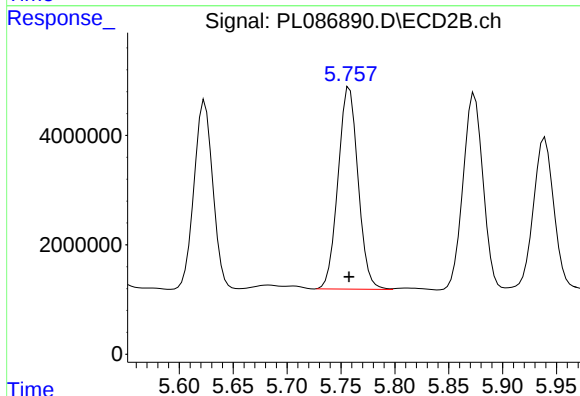
#15 Endosulfan II

R.T.: 6.598 min
Delta R.T.: 0.000 min
Response: 137810560
Conc: 48.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

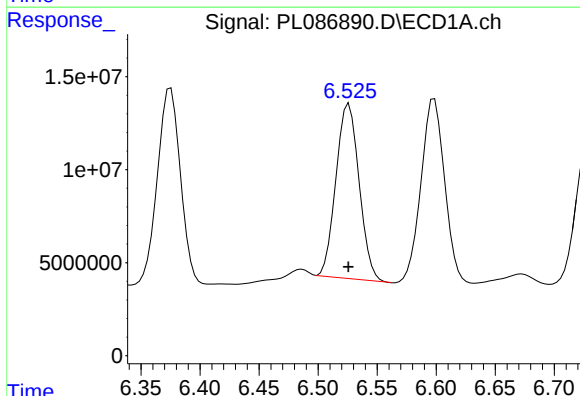
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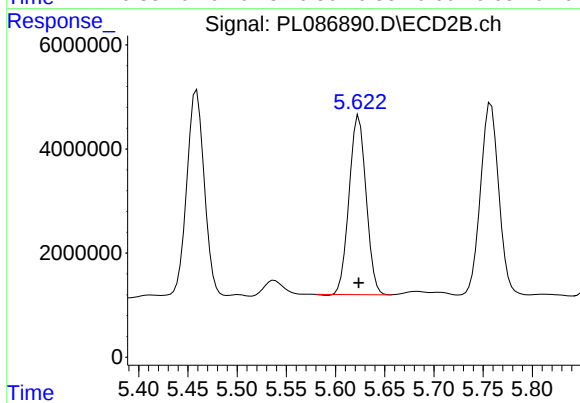
#15 Endosulfan II

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 47768797
Conc: 51.44 ng/ml



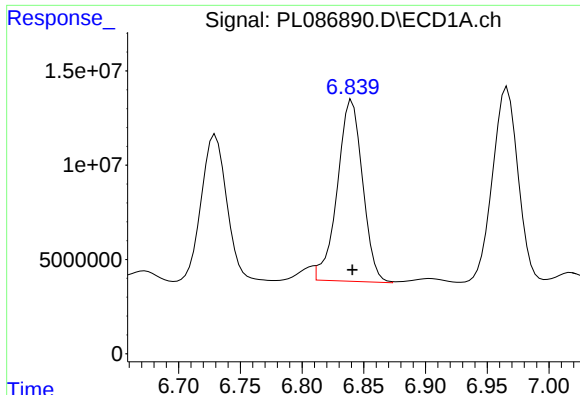
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 128285625
Conc: 54.79 ng/ml m



#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 41276237
Conc: 53.44 ng/ml



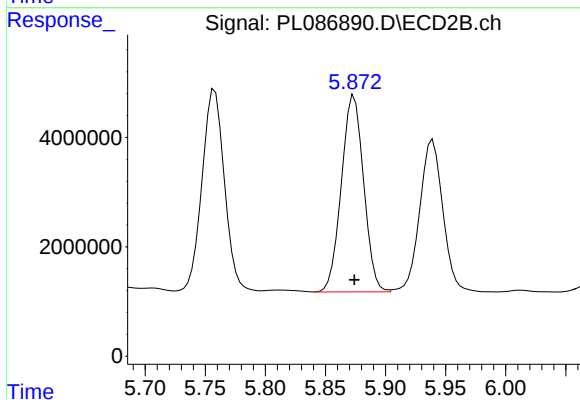
#17 4,4'-DDT

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 136433716
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

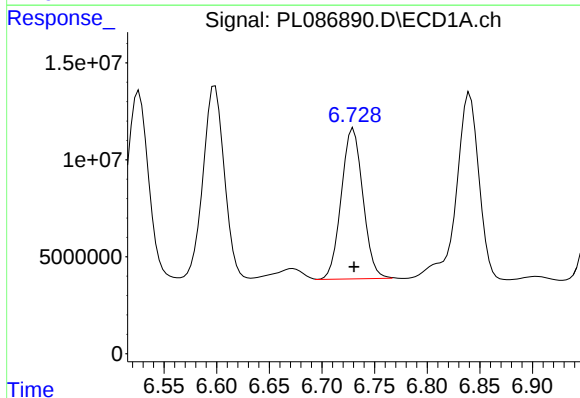
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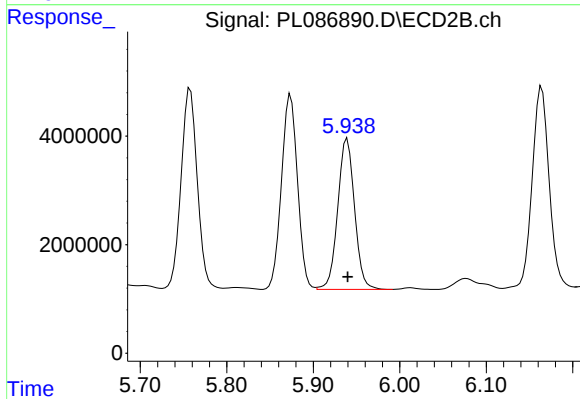
#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 46411538
Conc: 57.55 ng/ml



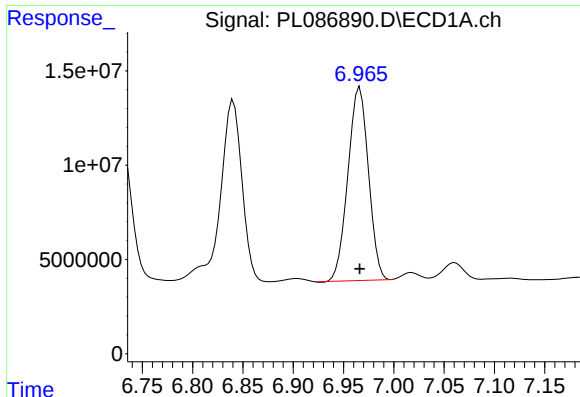
#18 Endrin aldehyde

R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 111293316
Conc: 52.17 ng/ml m



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 37310111
Conc: 53.41 ng/ml



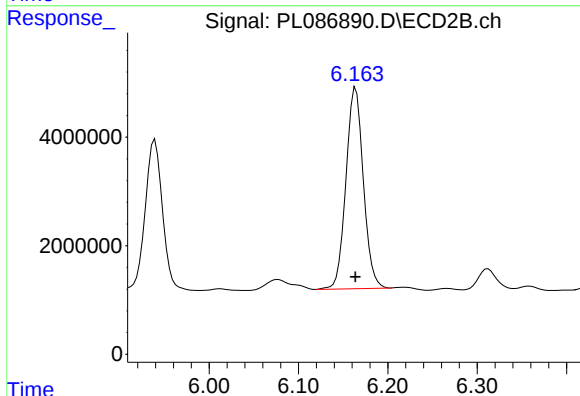
#19 Endosulfan Sulfate

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 145182786
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

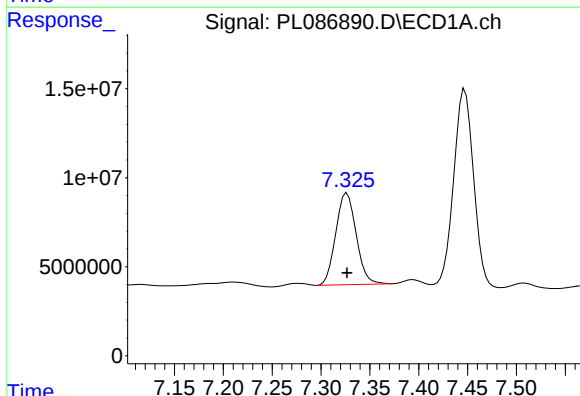
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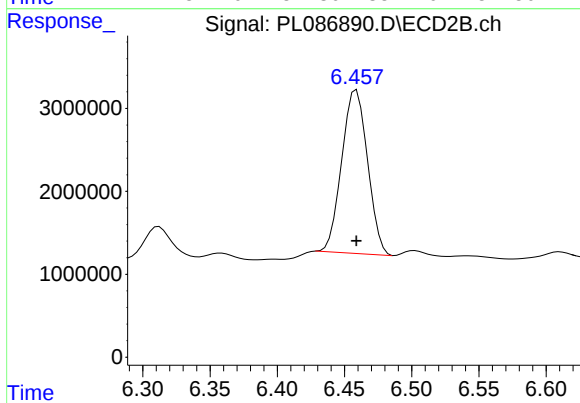
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 50142760
Conc: 52.85 ng/ml



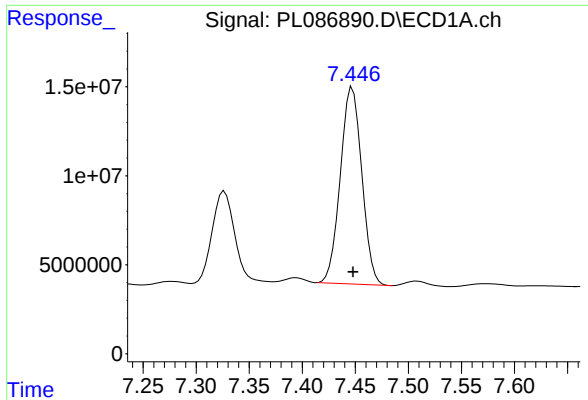
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 75108770
Conc: 56.88 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.001 min
Response: 26266527
Conc: 51.03 ng/ml m



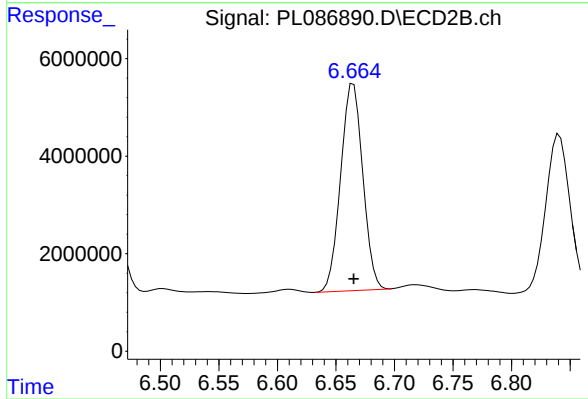
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 155751191
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

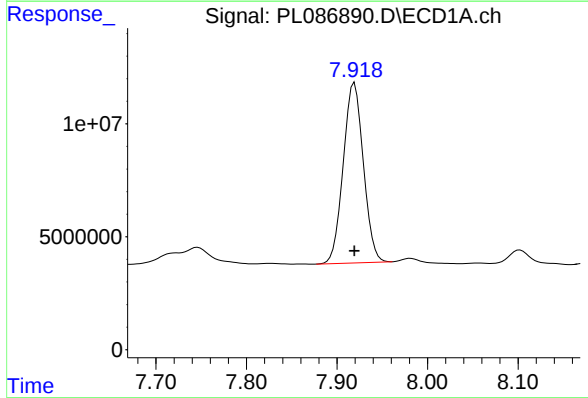
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :Ankita Jodhani 11/30/2023



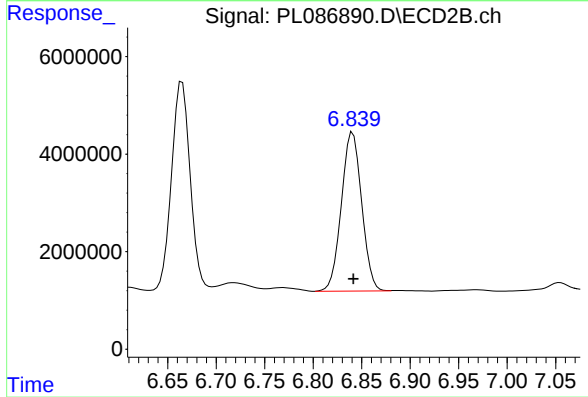
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: 0.000 min
Response: 55932408
Conc: 49.00 ng/ml



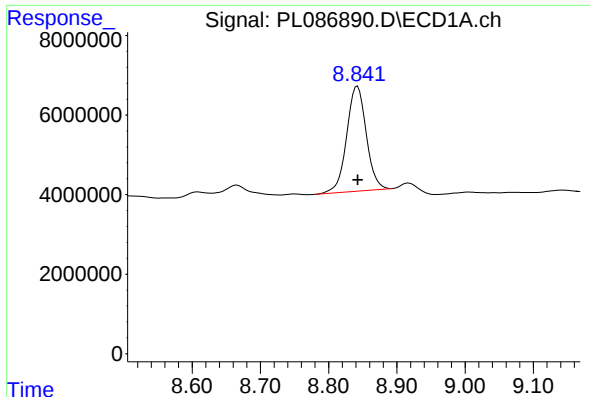
#22 Mirex

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 123287499
Conc: 48.20 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 47402558
Conc: 45.67 ng/ml



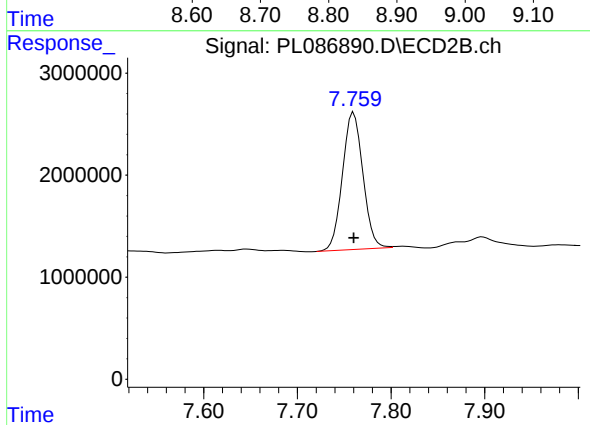
#28 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 52660302
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-03-112823MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 20424513
Conc: 18.52 ng/ml