

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
 Data File : PL083216.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2023 15:09
 Operator : AR\AJ
 Sample : 03016-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB29MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/06/2023
 Supervised By : Ankita Jodhani 06/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 21:10:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.635	48115624	39993942	16.371	15.405
28) SA Decachlor...	8.738	7.740	33231268	37926546	15.845	15.253
Target Compounds						
2) A alpha-BHC	3.766	3.131	204.2E6	159.6E6	46.007	42.772
3) MA gamma-BHC...	4.094	3.457	191.7E6	149.1E6	46.260	44.740
4) MA Heptachlor	4.672	3.788	185.8E6	158.7E6	48.599	43.334
5) MB Aldrin	5.009	4.064	170.3E6	142.4E6	48.418	43.755
6) B beta-BHC	4.298	3.759	85564546	63093392	45.447	44.119
7) B delta-BHC	4.539	3.984	185.4E6	141.9E6	53.903	43.296
8) B Heptachlo...	5.435	4.565	156.8E6	133.5E6	49.020	44.974
9) A Endosulfan I	5.817	4.933	145.0E6	124.1E6	48.329	44.413
10) B gamma-Chl...	5.690	4.814	156.8E6	134.3E6	49.353	44.720
11) B alpha-Chl...	5.768	4.877	155.2E6	133.9E6	48.373	44.588
12) B 4,4'-DDE	5.947	5.068	138.9E6	115.6E6	50.399	47.577
13) MA Dieldrin	6.091	5.196	144.3E6	125.8E6	47.974	44.575
14) MA Endrin	6.318	5.471	128.1E6	113.6E6	47.660	44.798
15) B Endosulfa...	6.541	5.768	115.3E6	105.1E6	43.003	42.466
16) A 4,4'-DDD	6.463	5.622	109.3E6	92138080	50.295	47.908
17) MA 4,4'-DDT	6.774	5.870	119.2E6	101.2E6	47.615	45.347
18) B Endrin al...	6.671	5.948	94023829	84128131	46.763	42.543
19) B Endosulfa...	6.905	6.169	121.2E6	108.8E6	47.282	44.415m
20) A Methoxychlor	7.256	6.450	62322576	57155844	47.129	44.943
21) B Endrin ke...	7.386	6.675	122.3E6	118.1E6	47.940	43.692
22) Mirex	7.849	6.846	98712504	101.2E6	47.095	43.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060523\
Data File : PL083216.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2023 15:09
Operator : AR\AJ
Sample : 03016-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

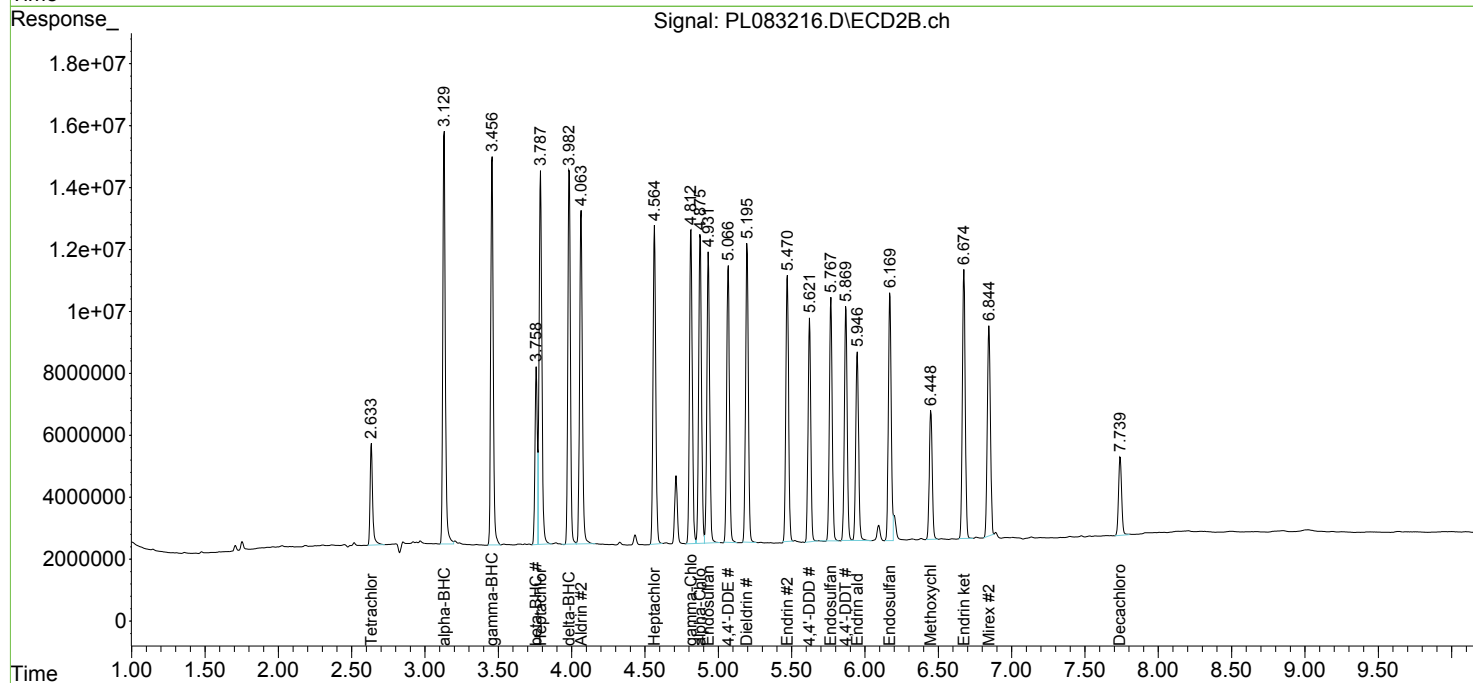
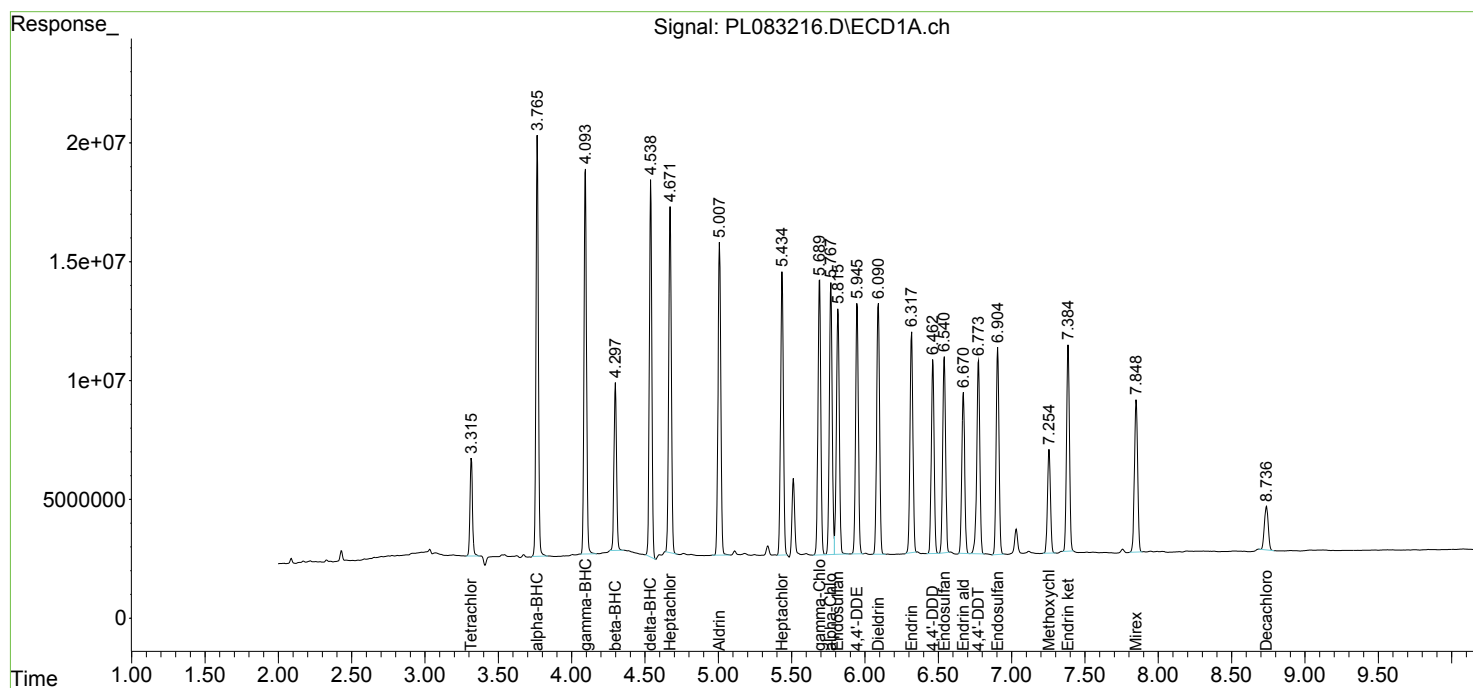
Instrument :
ECD_L
ClientSampleId :
SB29MSD

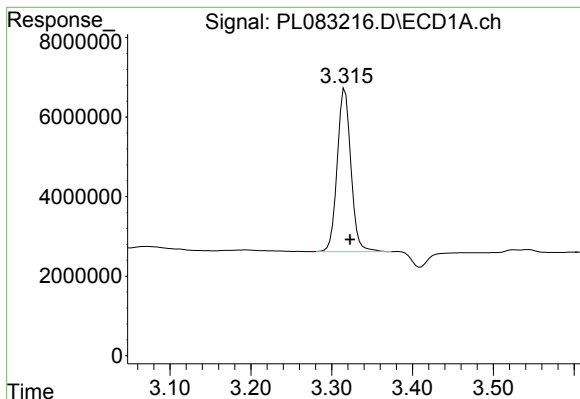
Manual Integrations
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Reviewed By :Abdul Mirza 06/06/2023
Supervised By :Ankita Jodhani 06/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 21:10:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





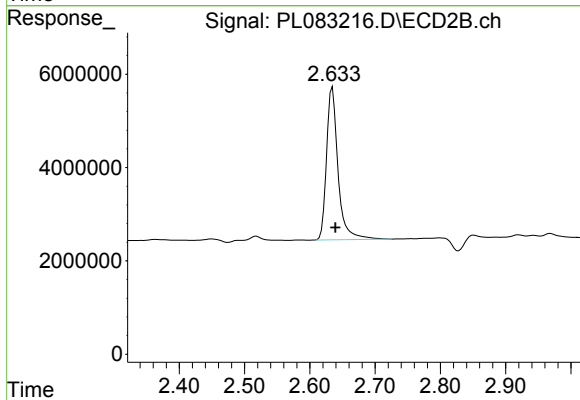
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 48115624
Conc: 16.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

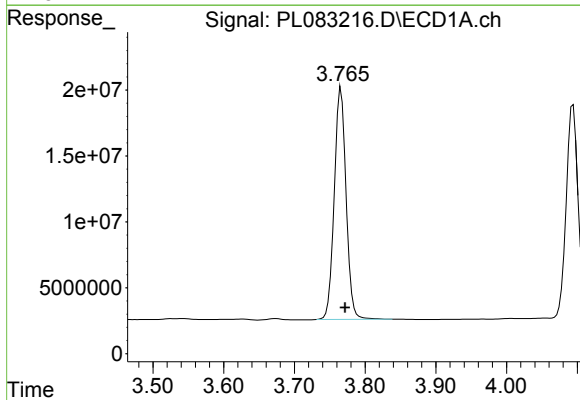
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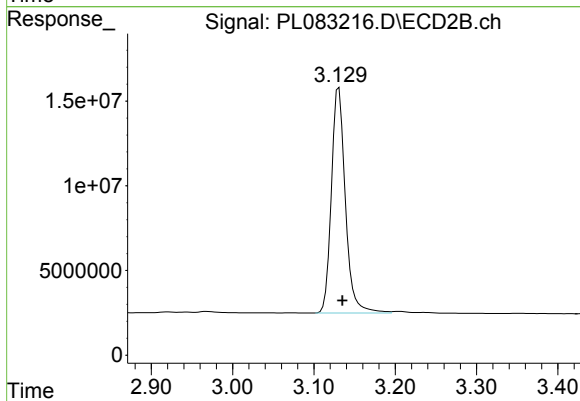
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 39993942
Conc: 15.41 ng/ml



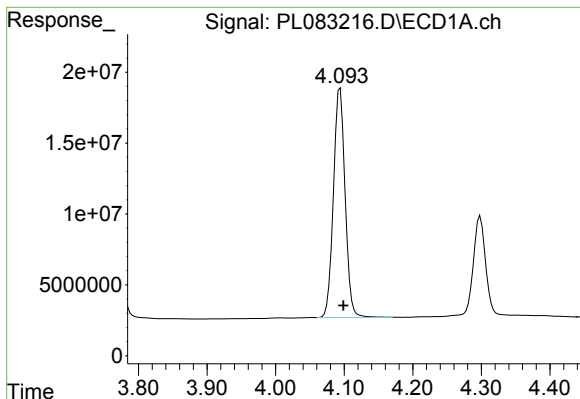
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: -0.006 min
Response: 204238479
Conc: 46.01 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.004 min
Response: 159602165
Conc: 42.77 ng/ml



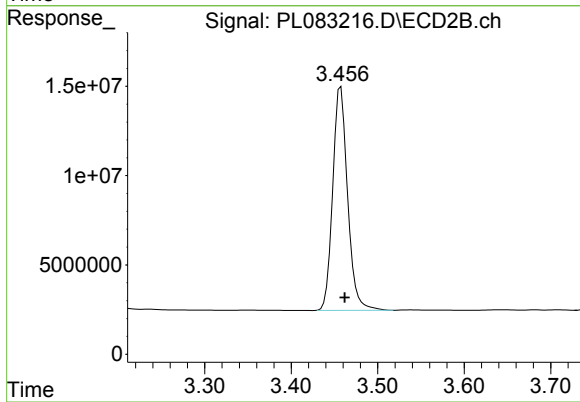
#3 gamma-BHC (Lindane)

R.T.: 4.094 min
Delta R.T.: -0.005 min
Response: 191650414
Conc: 46.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

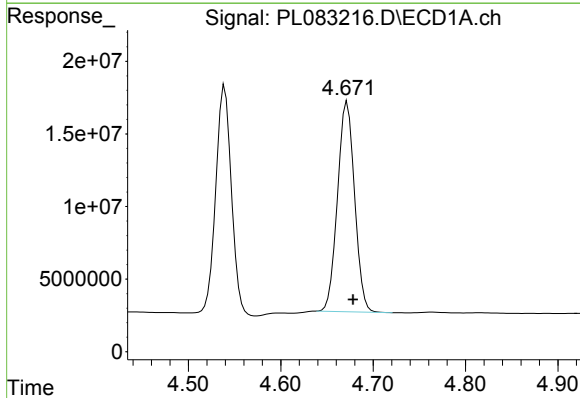
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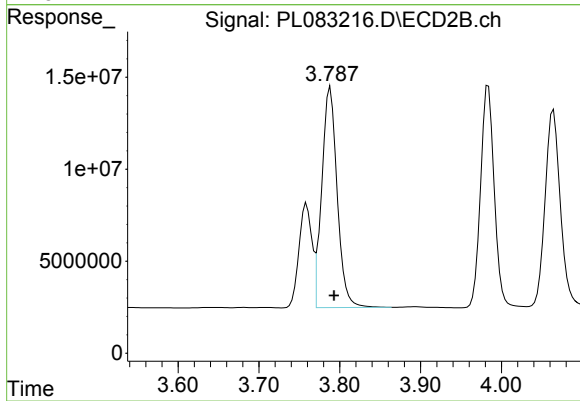
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.004 min
Response: 149131591
Conc: 44.74 ng/ml



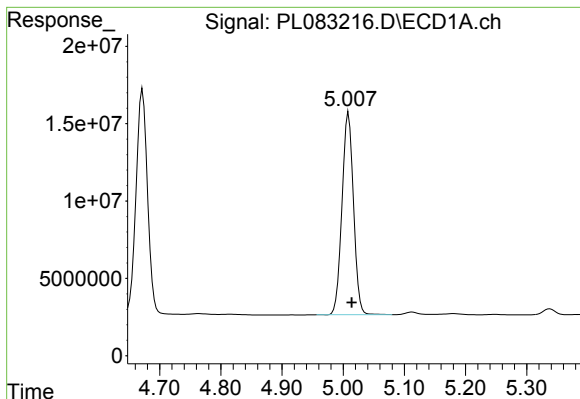
#4 Heptachlor

R.T.: 4.672 min
Delta R.T.: -0.006 min
Response: 185767239
Conc: 48.60 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 158650370
Conc: 43.33 ng/ml



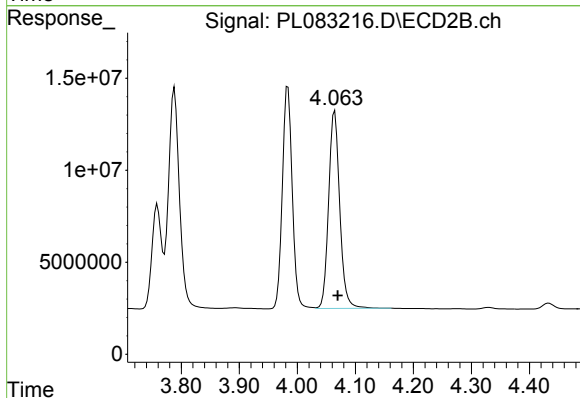
#5 Aldrin

R.T.: 5.009 min
Delta R.T.: -0.005 min
Response: 170341804
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

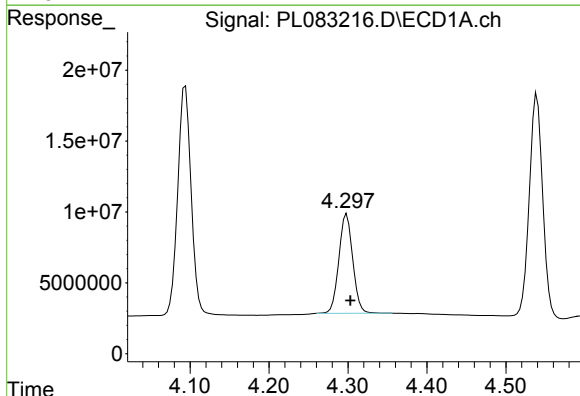
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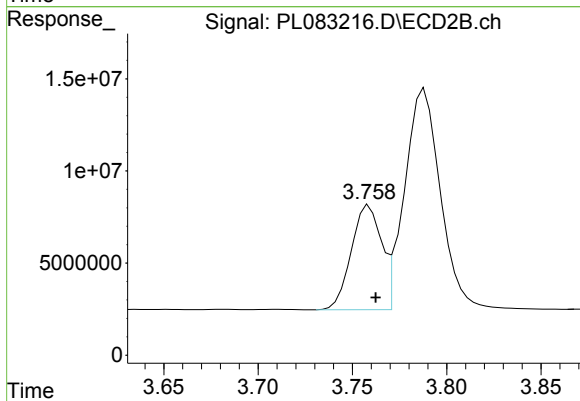
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.005 min
Response: 142361846
Conc: 43.75 ng/ml



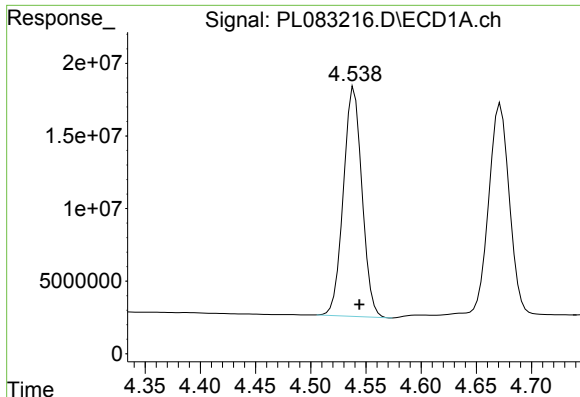
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 85564546
Conc: 45.45 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 63093392
Conc: 44.12 ng/ml



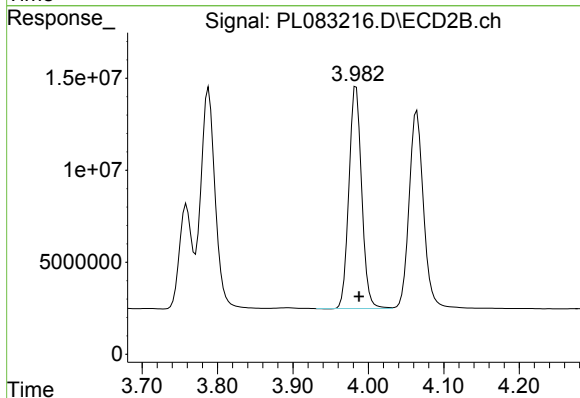
#7 delta-BHC

R.T.: 4.539 min
Delta R.T.: -0.005 min
Response: 185367041
Conc: 53.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

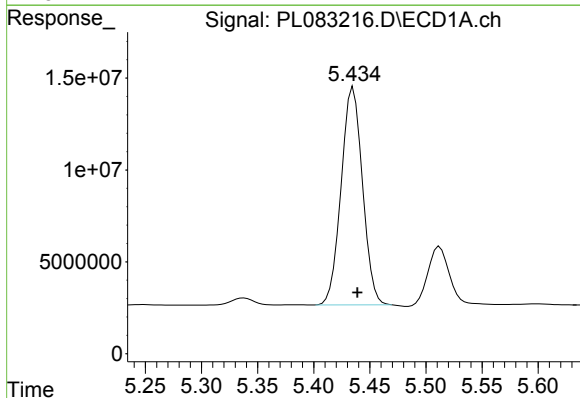
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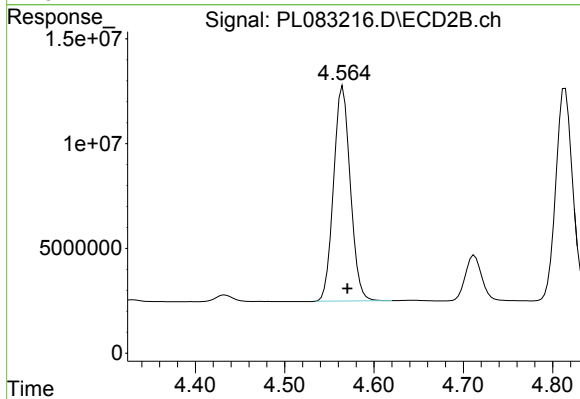
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 141856338
Conc: 43.30 ng/ml



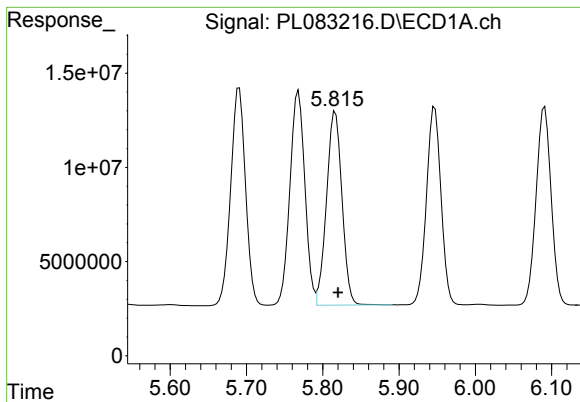
#8 Heptachlor epoxide

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 156799822
Conc: 49.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 133478423
Conc: 44.97 ng/ml



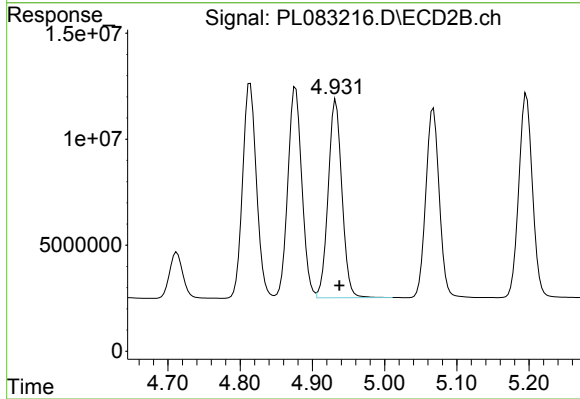
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 145016184
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

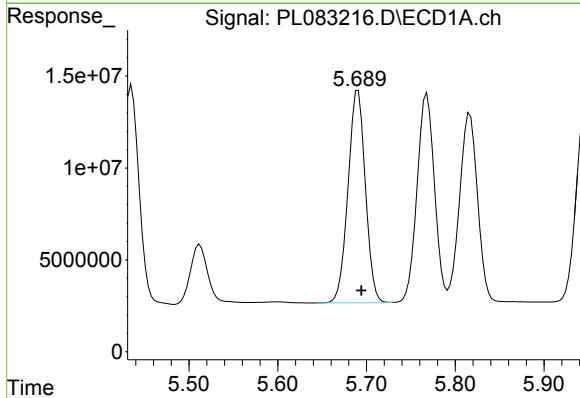
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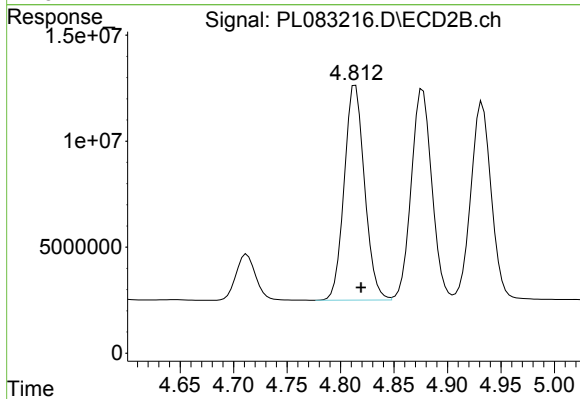
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 124106525
Conc: 44.41 ng/ml



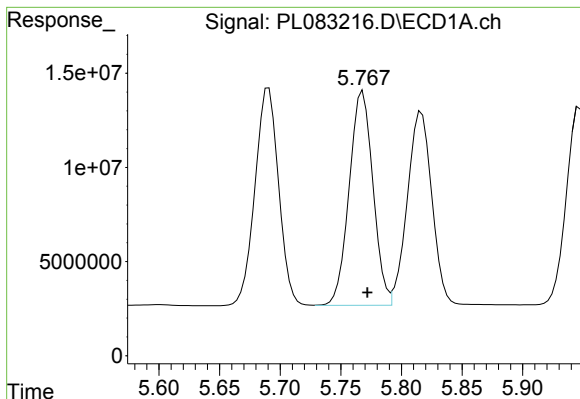
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.004 min
Response: 156793563
Conc: 49.35 ng/ml



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 134311276
Conc: 44.72 ng/ml



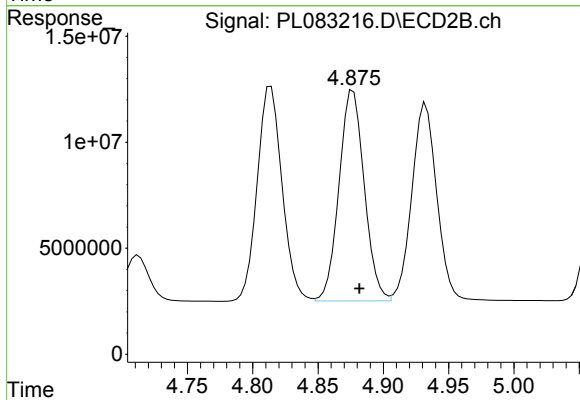
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 155243981
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

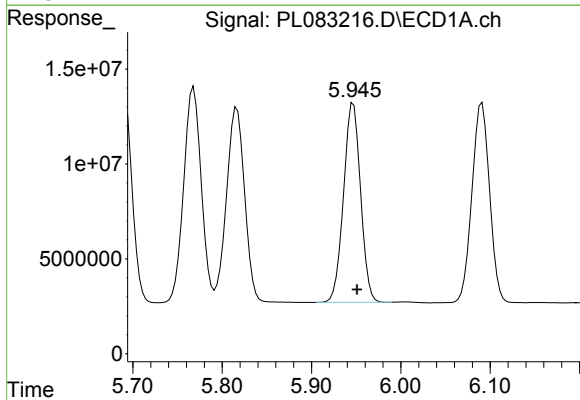
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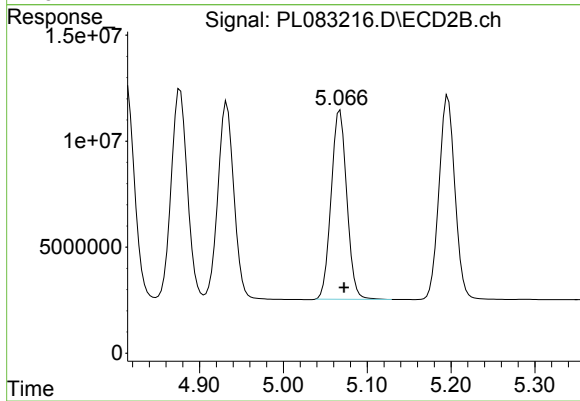
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 133852263
Conc: 44.59 ng/ml



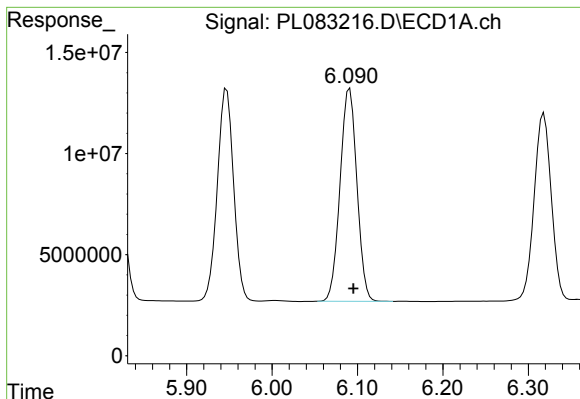
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 138924133
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.005 min
Response: 115553190
Conc: 47.58 ng/ml



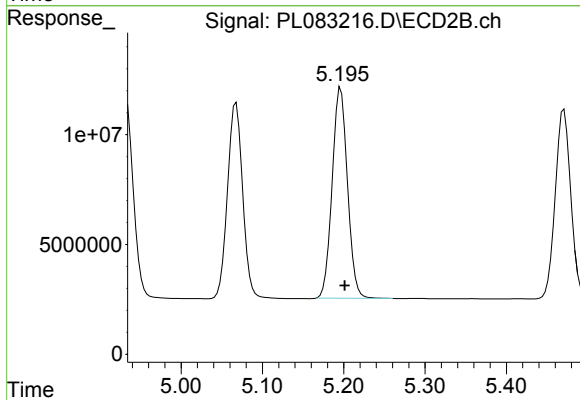
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 144298779
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
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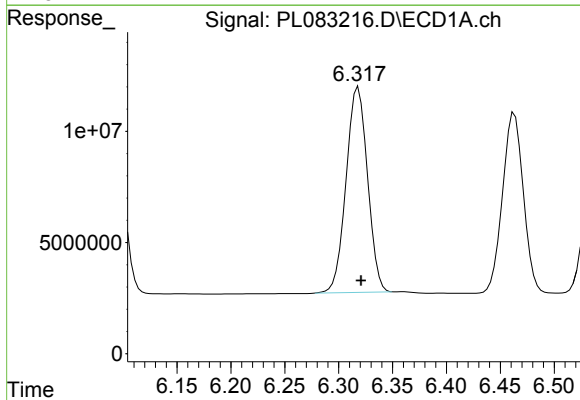
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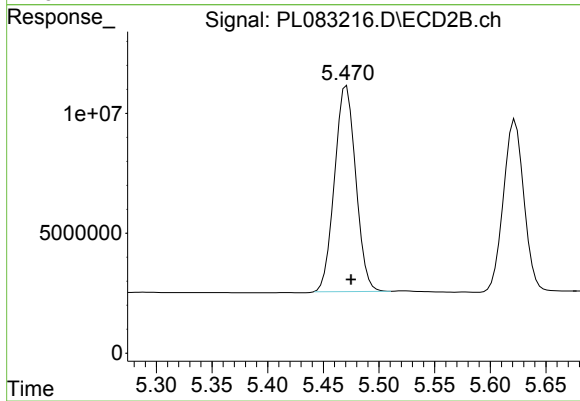
#13 Dieldrin

R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 125830970
Conc: 44.57 ng/ml



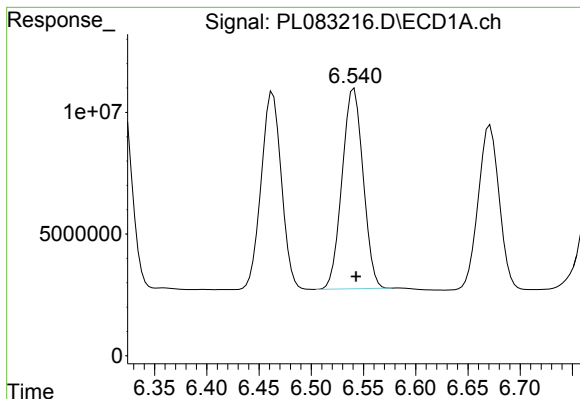
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 128073994
Conc: 47.66 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 113649391
Conc: 44.80 ng/ml



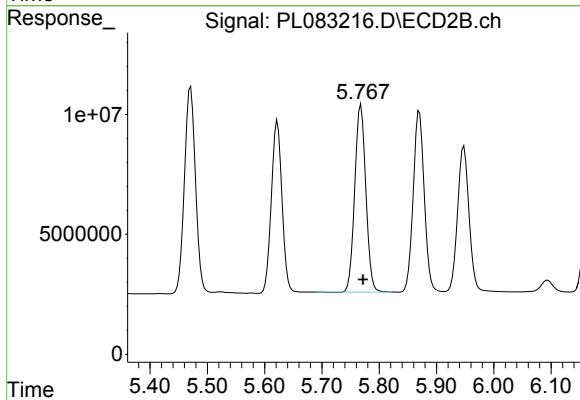
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 115295346
Conc: 43.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

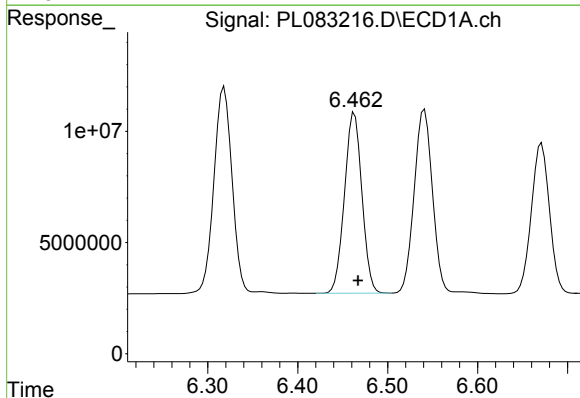
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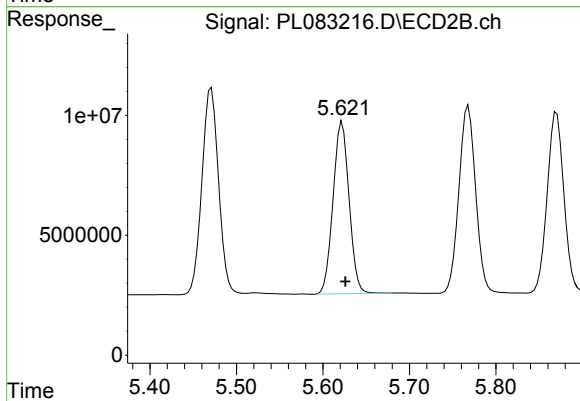
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 105068670
Conc: 42.47 ng/ml



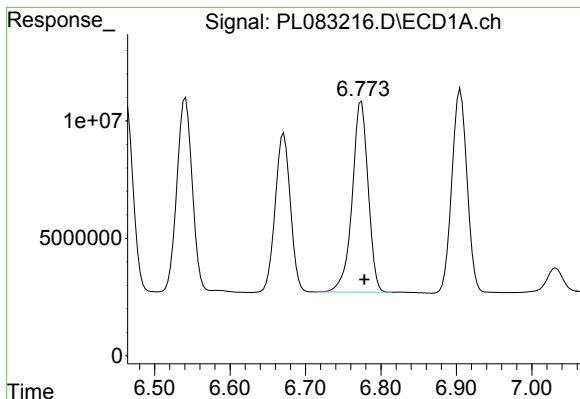
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 109294624
Conc: 50.30 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 92138080
Conc: 47.91 ng/ml



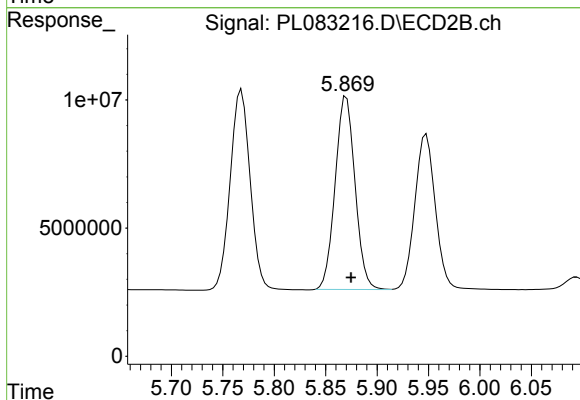
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.004 min
Response: 119187952
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

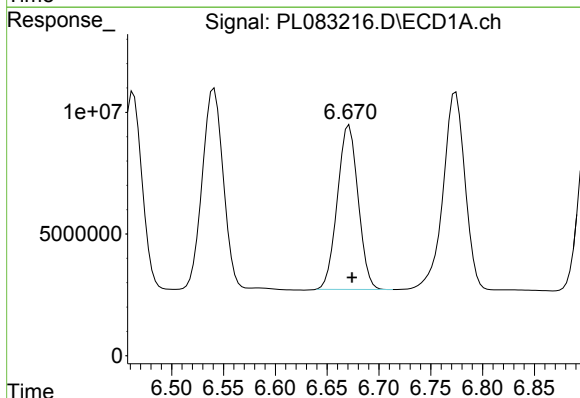
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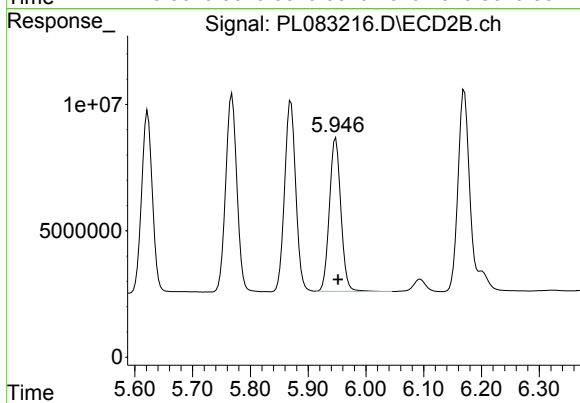
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.005 min
Response: 101170664
Conc: 45.35 ng/ml



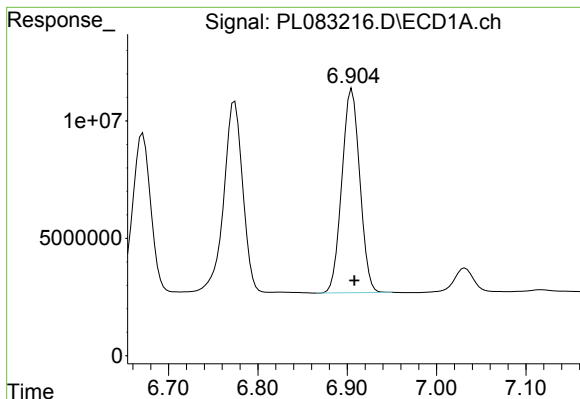
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 94023829
Conc: 46.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 84128131
Conc: 42.54 ng/ml



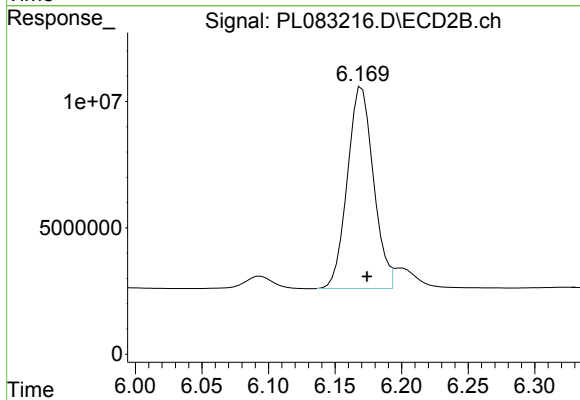
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 121217492
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

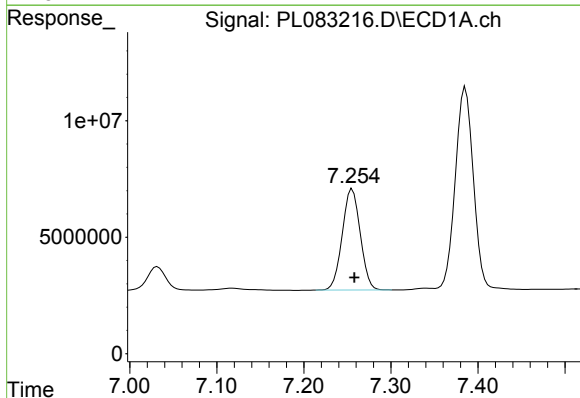
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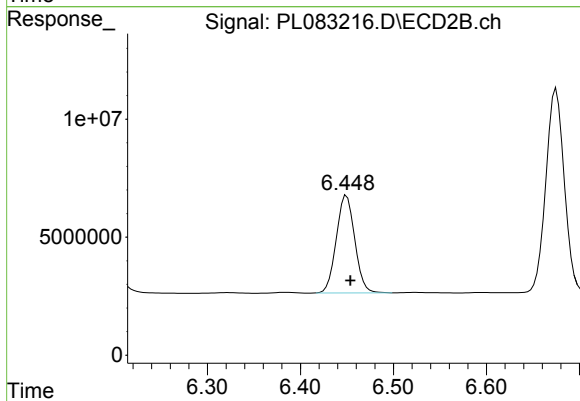
#19 Endosulfan Sulfate

R.T.: 6.169 min
Delta R.T.: -0.005 min
Response: 108772859
Conc: 44.42 ng/ml m



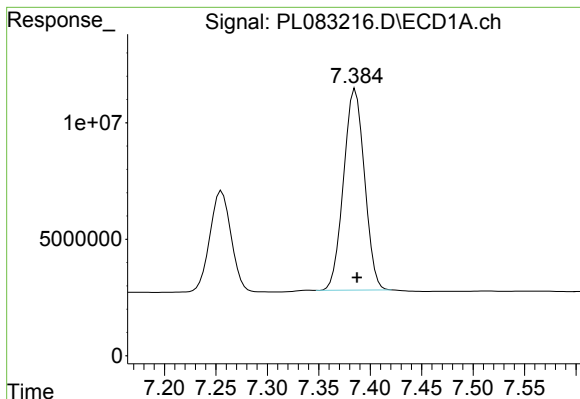
#20 Methoxychlor

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 62322576
Conc: 47.13 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 57155844
Conc: 44.94 ng/ml



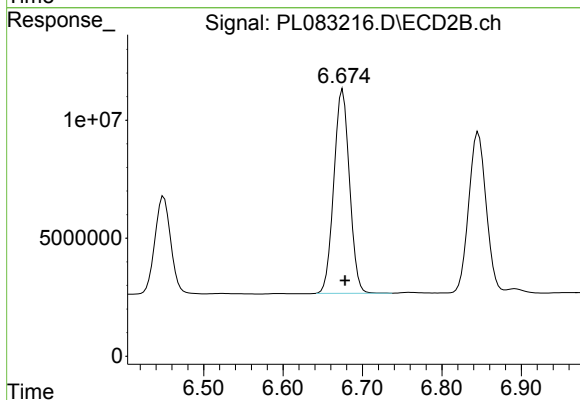
#21 Endrin ketone

R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 122286278
Conc: 47.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

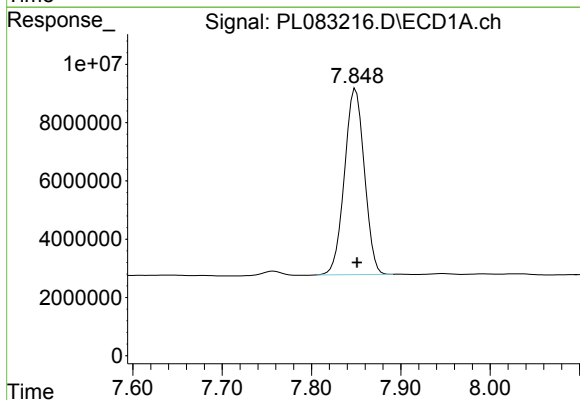
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2023
Supervised By :Ankita Jodhani 06/06/2023



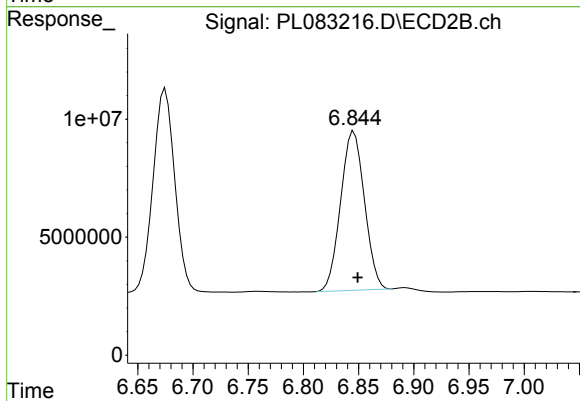
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 118137292
Conc: 43.69 ng/ml



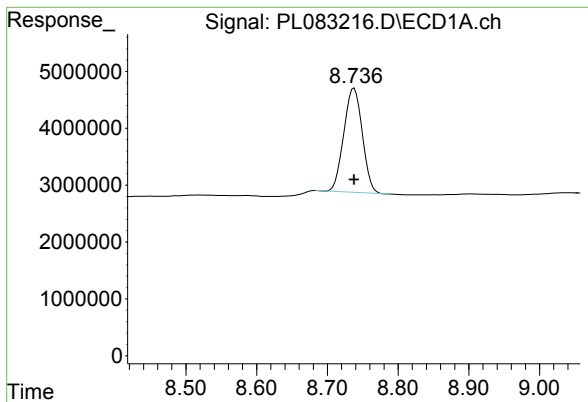
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 98712504
Conc: 47.09 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 101168249
Conc: 43.24 ng/ml



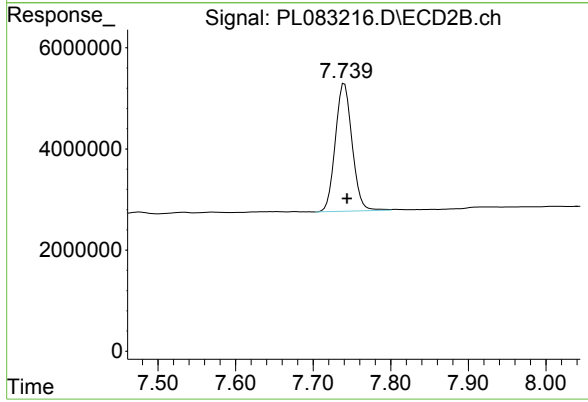
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 33231268
Conc: 15.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB29MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.003 min
Response: 37926546
Conc: 15.25 ng/ml