

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 20:00
 Operator : AR\AJ
 Sample : 03166-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TEST-PIT-6-12-23MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/14/2023
 Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:39:20 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...	3.313	2.632	59585340	49003756	20.274	18.876
28)	SA Decachlor...	8.728	7.732	34539719	39104465	16.468	15.726
Target Compounds							
2)	A alpha-BHC	3.762	3.127	180.7E6	148.9E6	40.703	39.917
3)	MA gamma-BHC...	4.090	3.453	164.3E6	136.2E6	39.662	40.875
4)	MA Heptachlor	4.667	3.783	135.0E6	124.5E6	35.313	33.996
5)	MB Aldrin	5.003	4.059	158.4E6	138.9E6	45.014	42.689
6)	B beta-BHC	4.294	3.754	77930344	61314512	41.392	42.875
7)	B delta-BHC	4.534	3.978	111.4E6	93768115	32.393	28.619
8)	B Heptachlo...	5.429	4.558	142.8E6	129.4E6	44.630	43.595m
9)	A Endosulfan I	5.810	4.926	129.3E6	112.8E6	43.107	40.359
10)	B gamma-Chl...	5.685	4.808	152.3E6	135.1E6	47.944	44.968
11)	B alpha-Chl...	5.761	4.870	143.1E6	130.5E6	44.585	43.484
12)	B 4,4'-DDE	5.941	5.060	124.3E6	112.9E6	45.106	46.481m
13)	MA Dieldrin	6.085	5.188	134.0E6	124.4E6	44.549	44.059m
14)	MA Endrin	6.312	5.463	117.2E6	109.6E6	43.630	43.219m
15)	B Endosulfa...	6.535	5.761	105.8E6	100.7E6	39.062	40.692
16)	A 4,4'-DDD	6.457	5.616	103.7E6	89488177	47.741	46.530
17)	MA 4,4'-DDT	6.768	5.862	82153445	67745359	32.820	30.365m
18)	B Endrin al...	6.665	5.941	49342884	45431464	24.541	22.975
19)	B Endosulfa...	6.899	6.164	106.8E6	94426255	41.668	38.557
20)	A Methoxychlor	7.248	6.442	37932277	38594233	28.685m	30.347
21)	B Endrin ke...	7.378	6.665	100.1E6	96888070	39.248	35.833m
22)	Mirex	7.842	6.836	92664891	96425896	44.210	41.211m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083413.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 20:00
Operator : AR\AJ
Sample : 03166-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

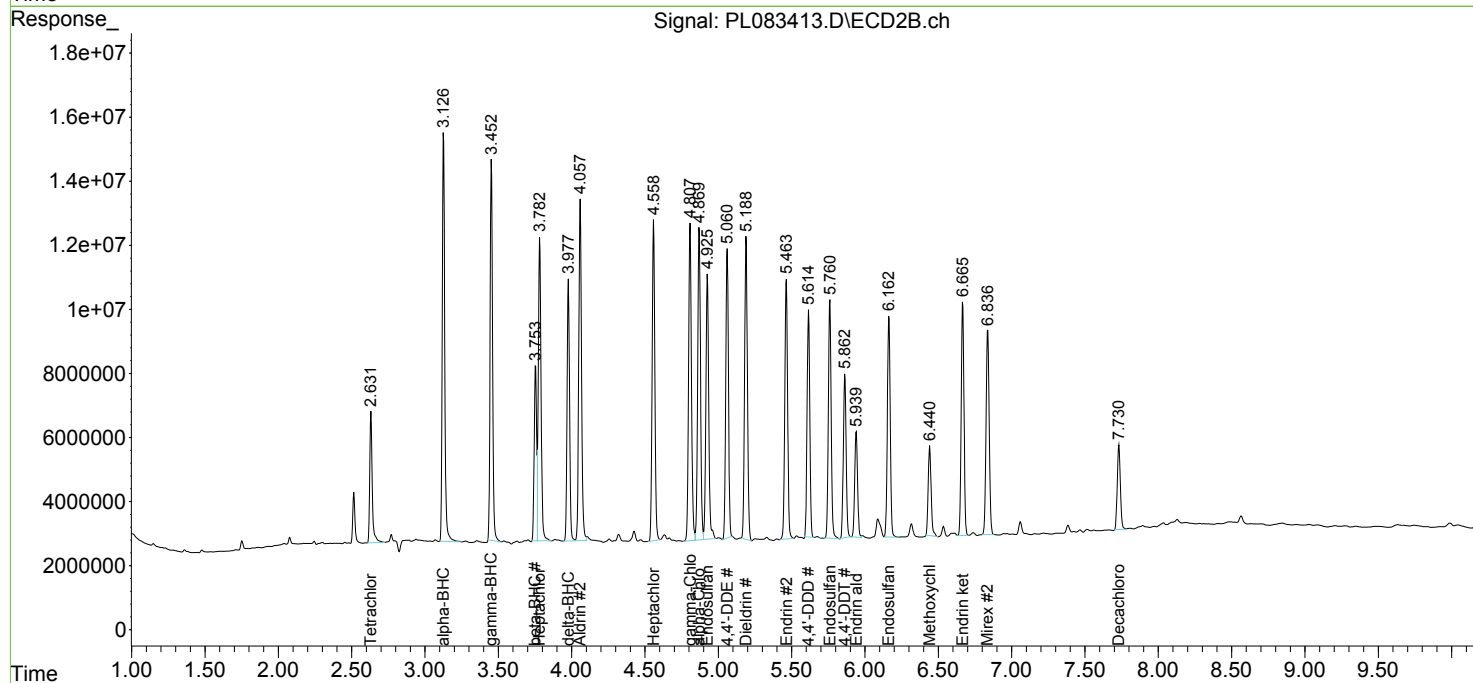
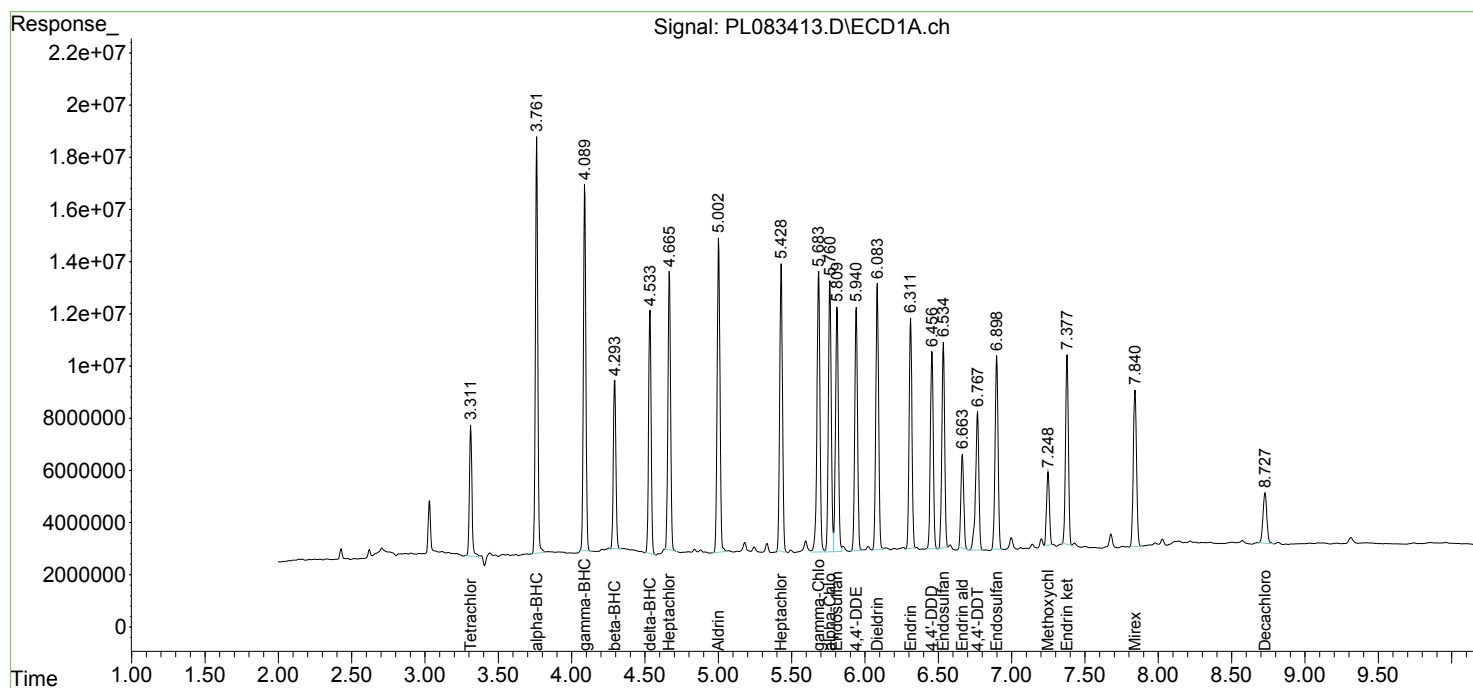
Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

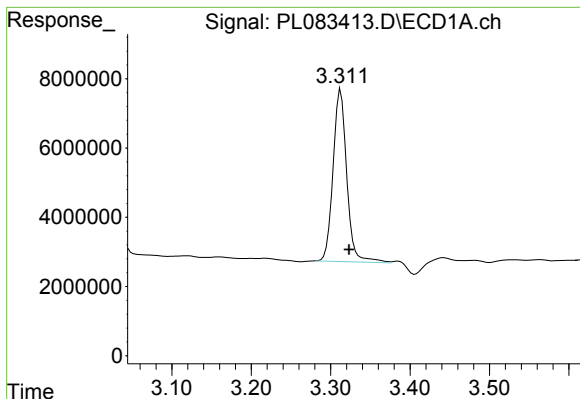
Manual Integrations
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Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 21:39:20 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





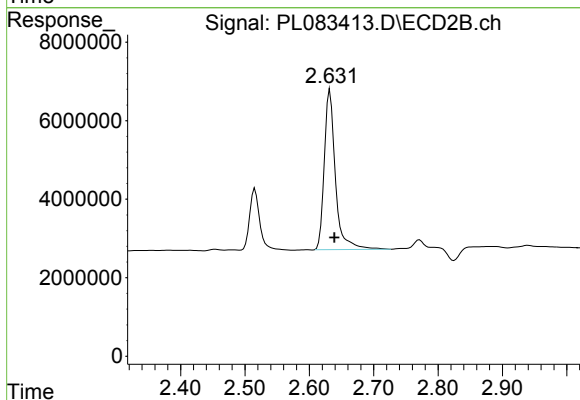
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 59585340
Conc: 20.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

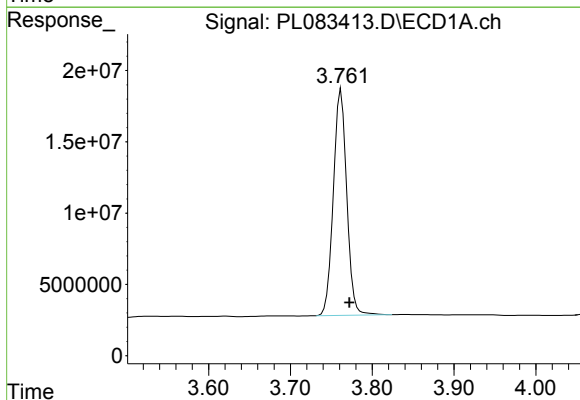
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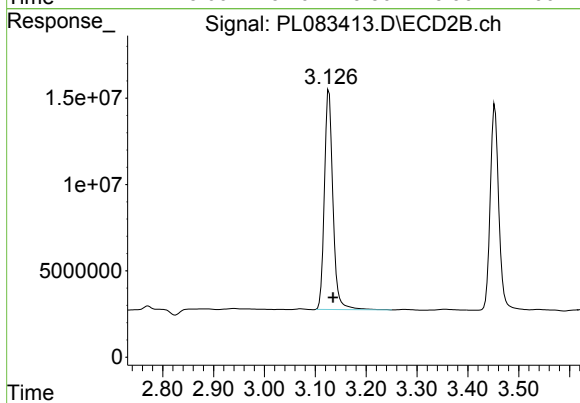
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 49003756
Conc: 18.88 ng/ml



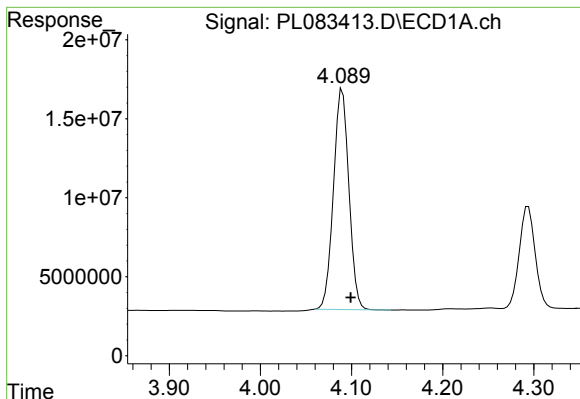
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 180692767
Conc: 40.70 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 148948728
Conc: 39.92 ng/ml



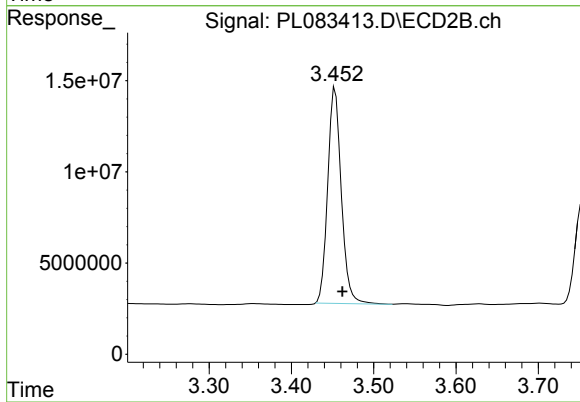
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 164317470
Conc: 39.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

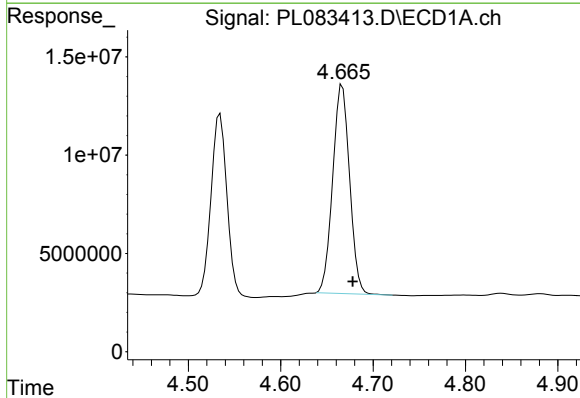
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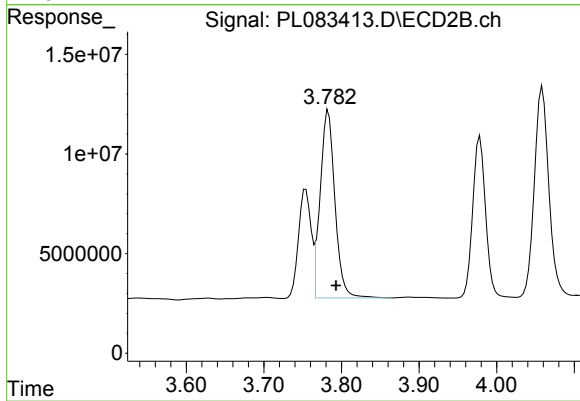
#3 gamma-BHC (Lindane)

R.T.: 3.453 min
Delta R.T.: -0.009 min
Response: 136248893
Conc: 40.88 ng/ml



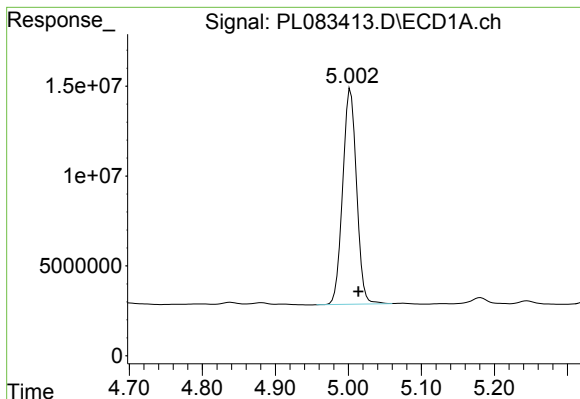
#4 Heptachlor

R.T.: 4.667 min
Delta R.T.: -0.011 min
Response: 134981225
Conc: 35.31 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.010 min
Response: 124464121
Conc: 34.00 ng/ml



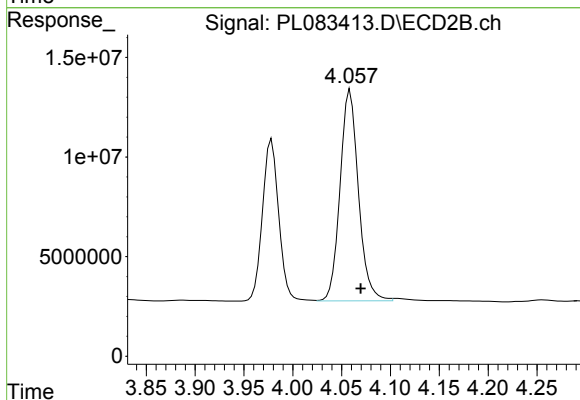
#5 Aldrin

R.T.: 5.003 min
Delta R.T.: -0.011 min
Response: 158364239
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

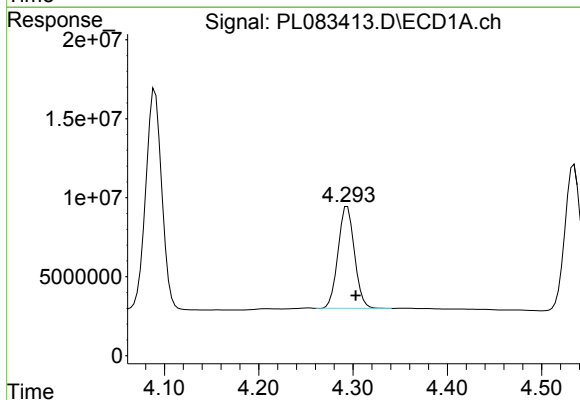
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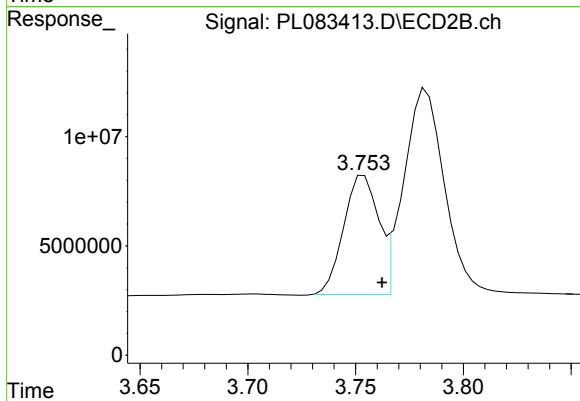
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.011 min
Response: 138892605
Conc: 42.69 ng/ml



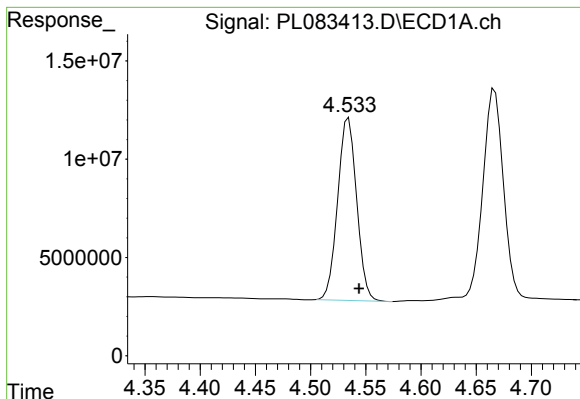
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 77930344
Conc: 41.39 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 61314512
Conc: 42.87 ng/ml



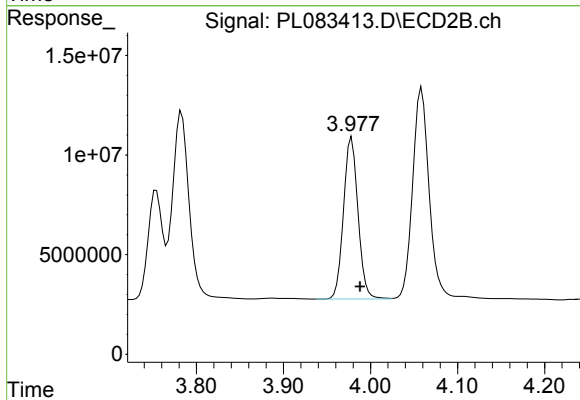
#7 delta-BHC

R.T.: 4.534 min
Delta R.T.: -0.010 min
Response: 111394972
Conc: 32.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

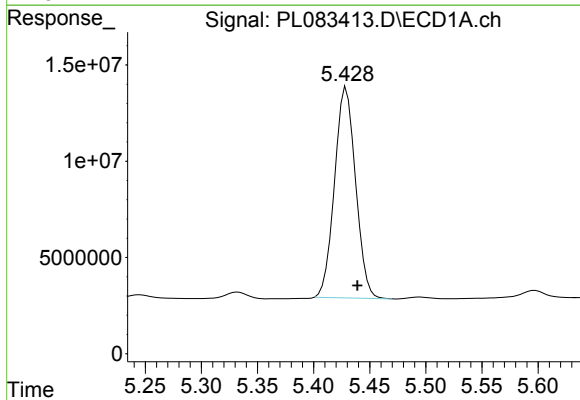
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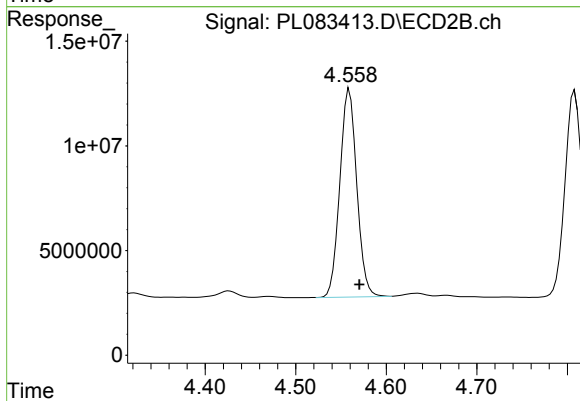
#7 delta-BHC

R.T.: 3.978 min
Delta R.T.: -0.010 min
Response: 93768115
Conc: 28.62 ng/ml



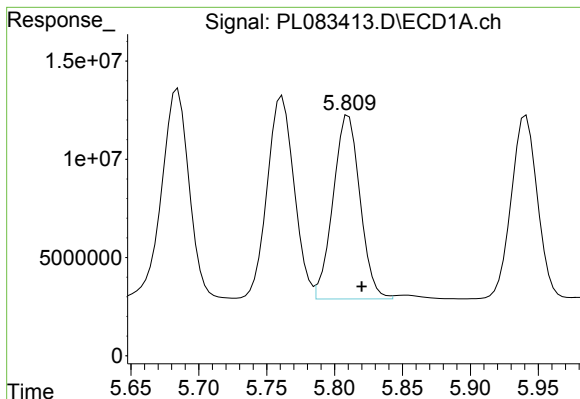
#8 Heptachlor epoxide

R.T.: 5.429 min
Delta R.T.: -0.010 min
Response: 142759512
Conc: 44.63 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.013 min
Response: 129386523
Conc: 43.60 ng/ml m



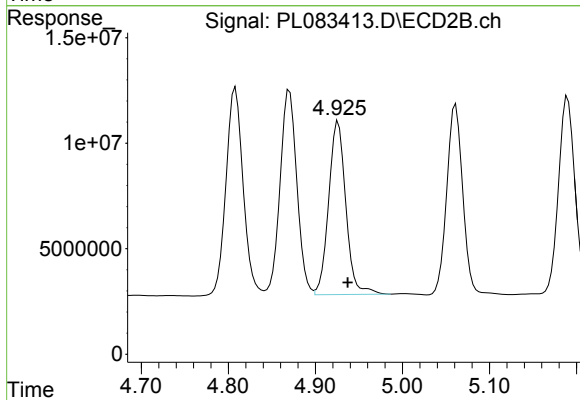
#9 Endosulfan I

R.T.: 5.810 min
Delta R.T.: -0.010 min
Response: 129345269
Conc: 43.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

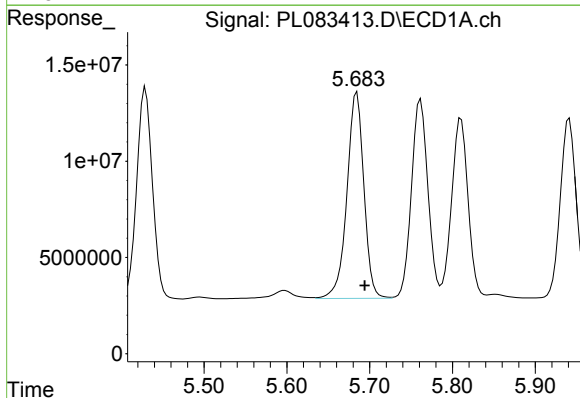
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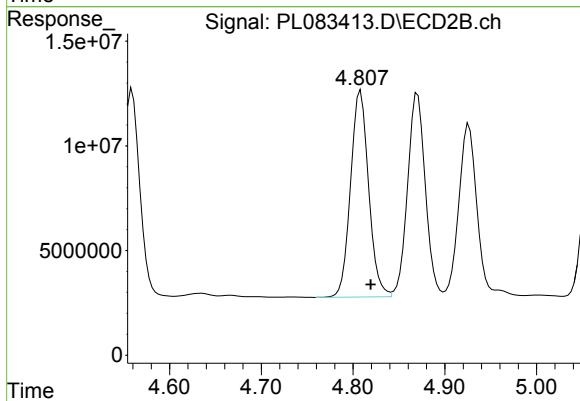
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.011 min
Response: 112778360
Conc: 40.36 ng/ml



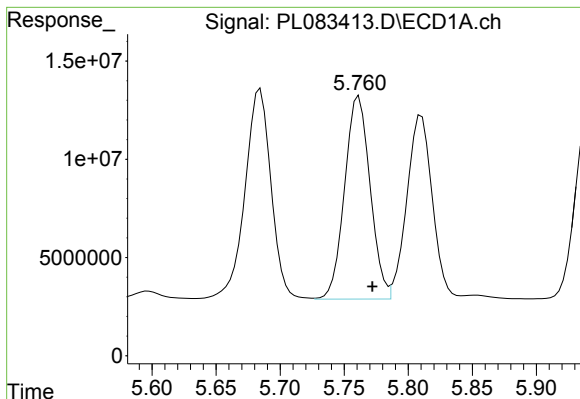
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 152316328
Conc: 47.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.808 min
Delta R.T.: -0.011 min
Response: 135056932
Conc: 44.97 ng/ml



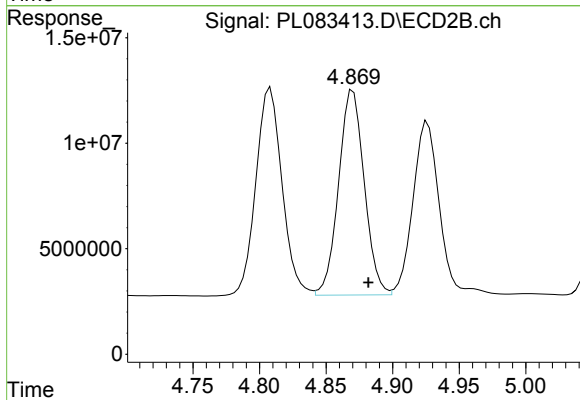
#11 alpha-Chlordane

R.T.: 5.761 min
Delta R.T.: -0.011 min
Response: 143087603
Conc: 44.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

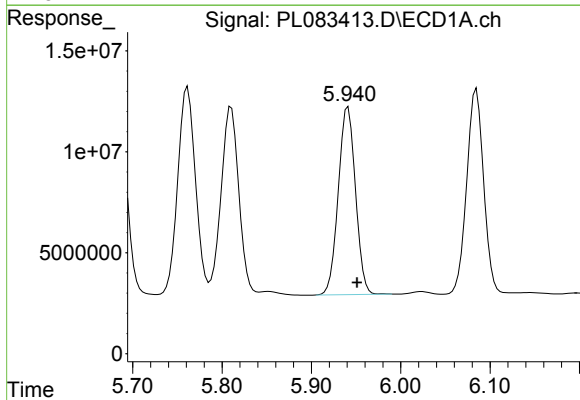
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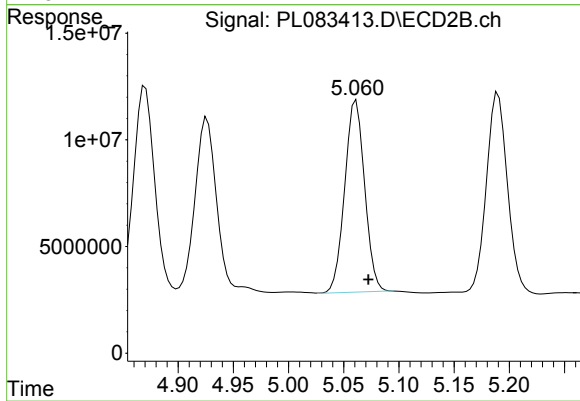
#11 alpha-Chlordane

R.T.: 4.870 min
Delta R.T.: -0.012 min
Response: 130538910
Conc: 43.48 ng/ml



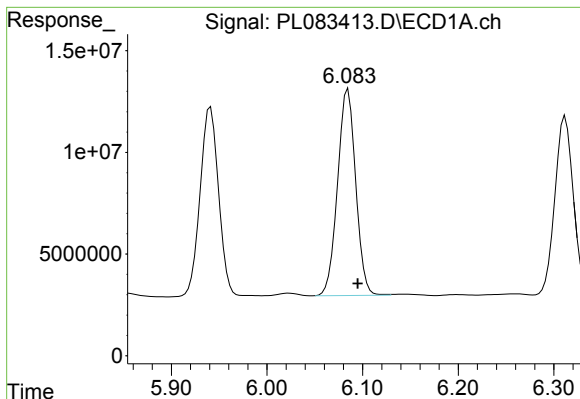
#12 4,4'-DDE

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 124334534
Conc: 45.11 ng/ml



#12 4,4'-DDE

R.T.: 5.060 min
Delta R.T.: -0.013 min
Response: 112890508
Conc: 46.48 ng/ml m



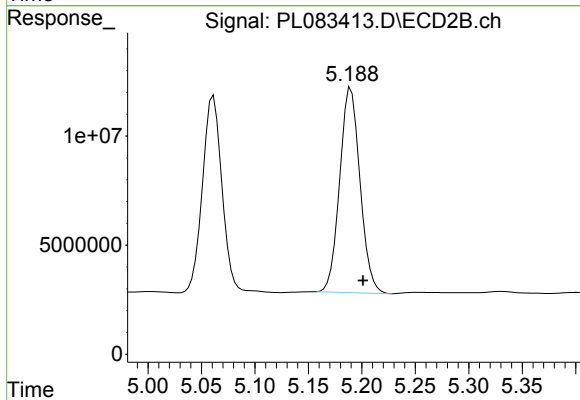
#13 Dieldrin

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 133995545
Conc: 44.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

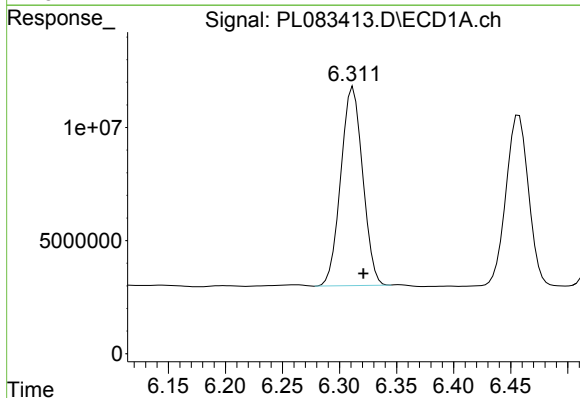
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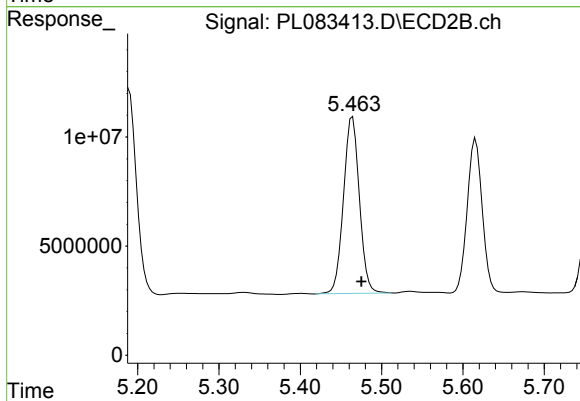
#13 Dieldrin

R.T.: 5.188 min
Delta R.T.: -0.013 min
Response: 124374185
Conc: 44.06 ng/ml m



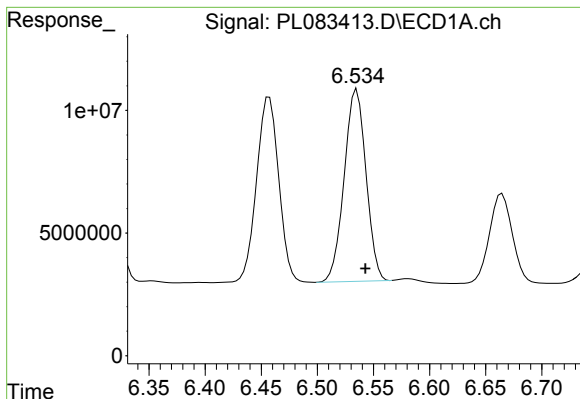
#14 Endrin

R.T.: 6.312 min
Delta R.T.: -0.009 min
Response: 117244426
Conc: 43.63 ng/ml



#14 Endrin

R.T.: 5.463 min
Delta R.T.: -0.012 min
Response: 109644748
Conc: 43.22 ng/ml m



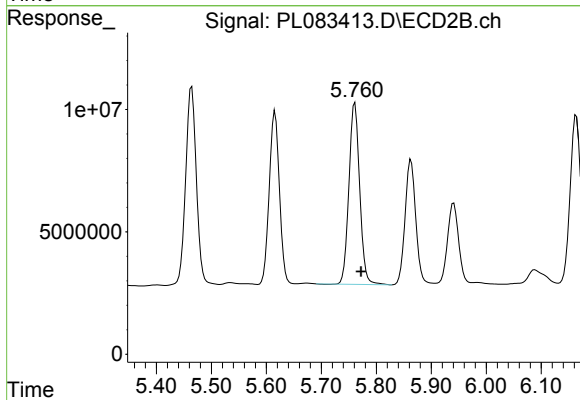
#15 Endosulfan II

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 105762937
Conc: 39.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

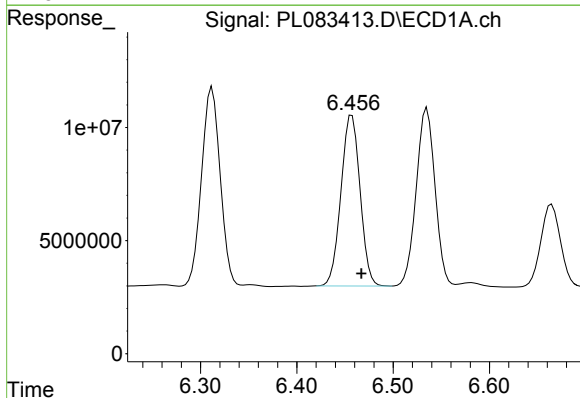
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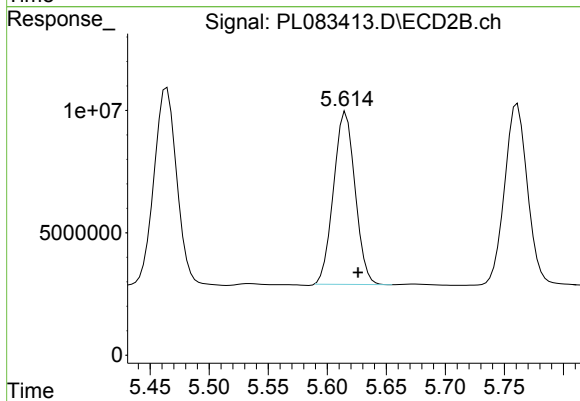
#15 Endosulfan II

R.T.: 5.761 min
Delta R.T.: -0.011 min
Response: 100679600
Conc: 40.69 ng/ml



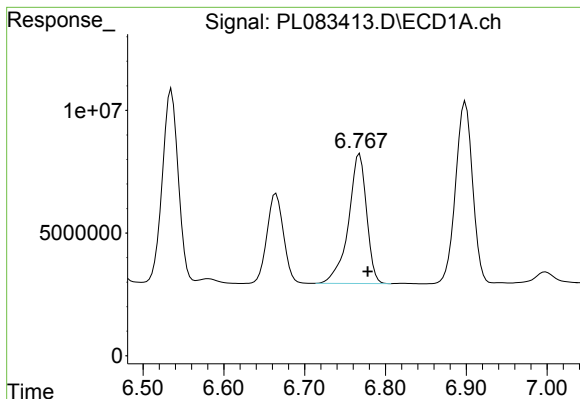
#16 4,4'-DDD

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 103743380
Conc: 47.74 ng/ml



#16 4,4'-DDD

R.T.: 5.616 min
Delta R.T.: -0.010 min
Response: 89488177
Conc: 46.53 ng/ml



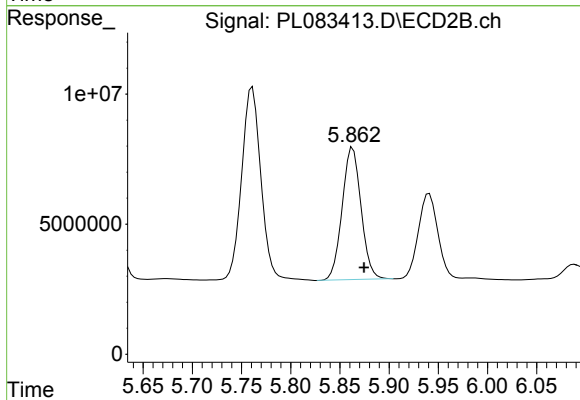
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 82153445
Conc: 32.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

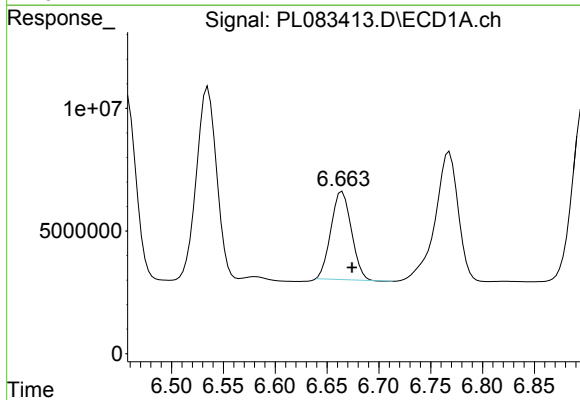
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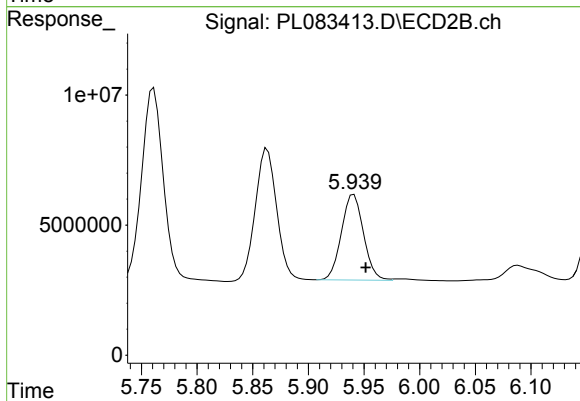
#17 4,4'-DDT

R.T.: 5.862 min
Delta R.T.: -0.013 min
Response: 67745359
Conc: 30.37 ng/ml m



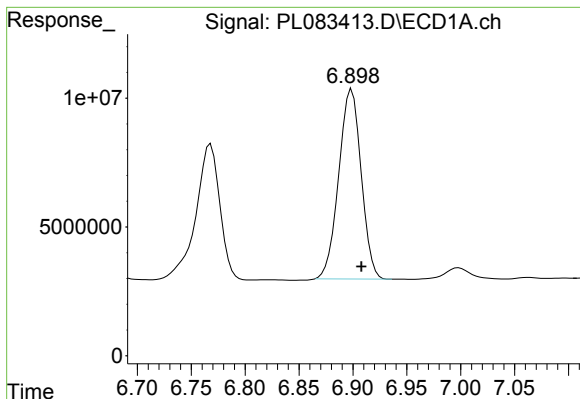
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 49342884
Conc: 24.54 ng/ml



#18 Endrin aldehyde

R.T.: 5.941 min
Delta R.T.: -0.011 min
Response: 45431464
Conc: 22.97 ng/ml



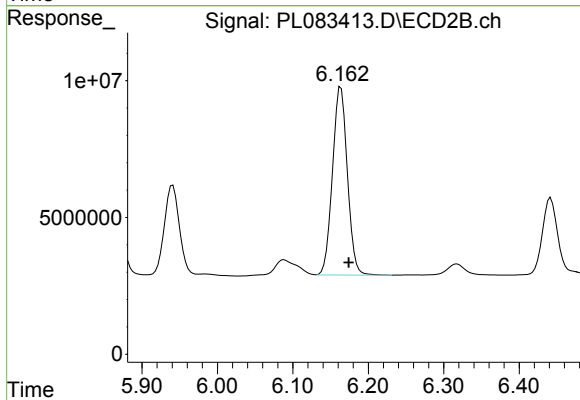
#19 Endosulfan Sulfate

R.T.: 6.899 min
Delta R.T.: -0.009 min
Response: 106824567
Conc: 41.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

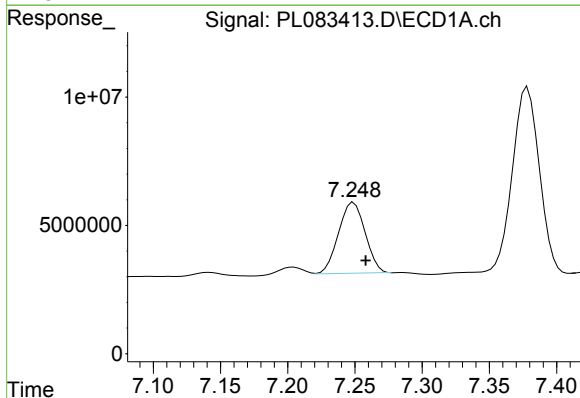
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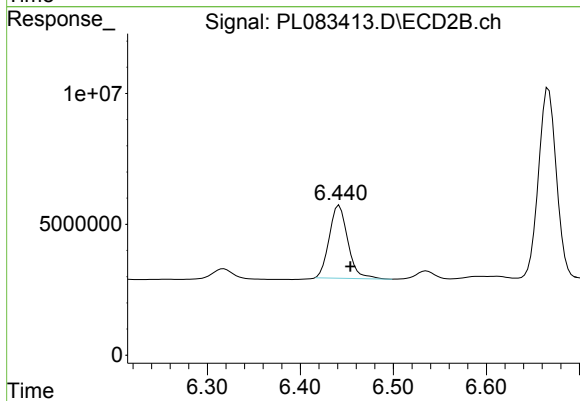
#19 Endosulfan Sulfate

R.T.: 6.164 min
Delta R.T.: -0.010 min
Response: 94426255
Conc: 38.56 ng/ml



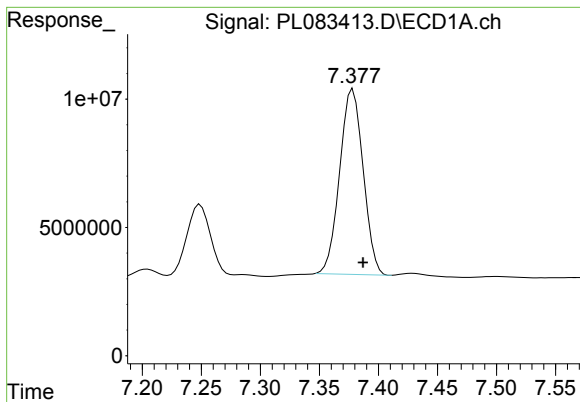
#20 Methoxychlor

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 37932277
Conc: 28.68 ng/ml m



#20 Methoxychlor

R.T.: 6.442 min
Delta R.T.: -0.012 min
Response: 38594233
Conc: 30.35 ng/ml



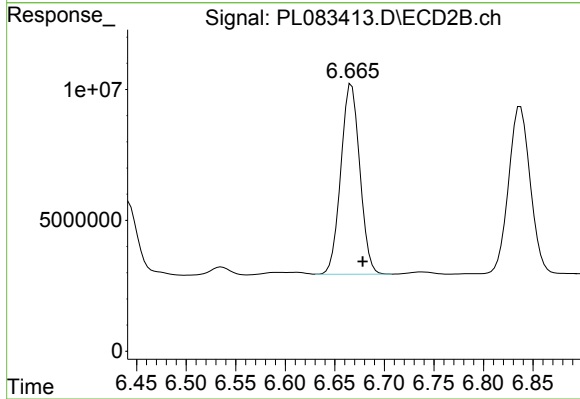
#21 Endrin ketone

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 100113260
Conc: 39.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

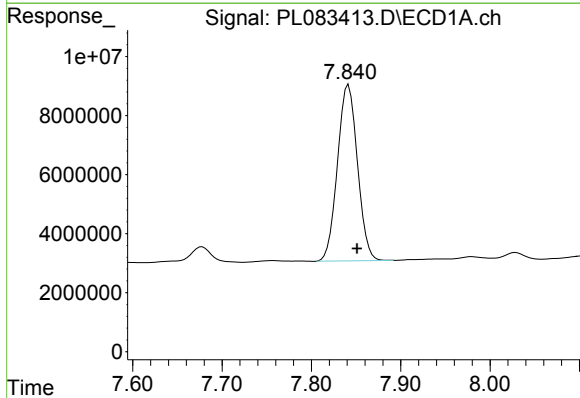
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



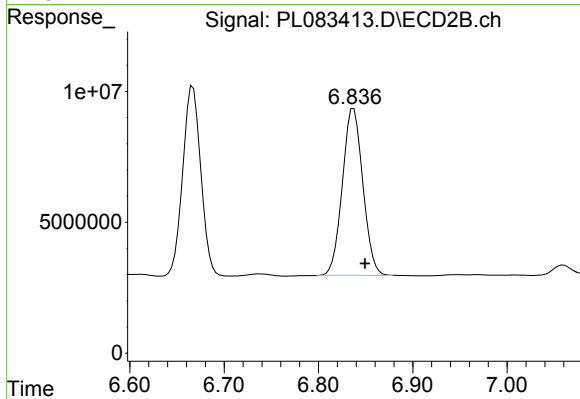
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: -0.013 min
Response: 96888070
Conc: 35.83 ng/ml m



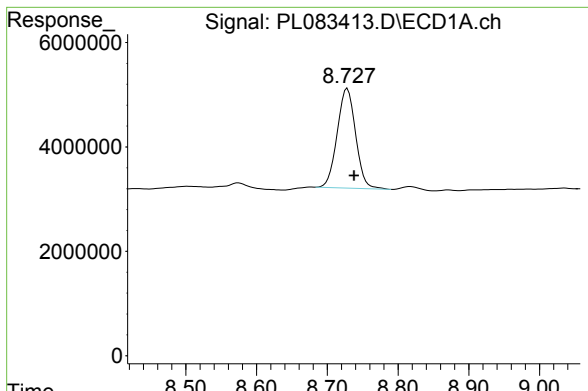
#22 Mirex

R.T.: 7.842 min
Delta R.T.: -0.009 min
Response: 92664891
Conc: 44.21 ng/ml



#22 Mirex

R.T.: 6.836 min
Delta R.T.: -0.013 min
Response: 96425896
Conc: 41.21 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.728 min

Delta R.T.: -0.010 min

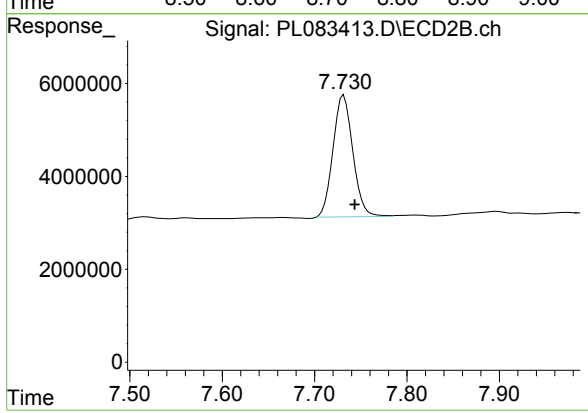
Response: 34539719

Conc: 16.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.732 min

Delta R.T.: -0.012 min

Response: 39104465

Conc: 15.73 ng/ml