

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
 Data File : PL032640.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 17:43
 Operator : UA\AJ
 Sample : J1305-02MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENGINE-WASHMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 23:42:20 2018
 Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 04:03:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.408	3.992	145.5E6	22060326	16.273	17.616m
28)	SA Decachlor...	8.111	9.027	92399500	11426512	7.941m	6.007
Target Compounds							
2)	A alpha-BHC	3.845	4.371	606.0E6	128.3E6	43.070	55.401m#
3)	MA gamma-BHC...	4.124	4.652	546.7E6	92509917	42.341m	43.066
4)	MA Heptachlor	4.415	5.168	545.1E6	89587279	41.176	42.911
5)	MB Aldrin	4.658	5.469	412.7E6	86841372	32.107	41.470m#
6)	B beta-BHC	4.381	4.813	693.1E6	36736923	121.349	38.492 #
7)	B delta-BHC	4.576	5.026	530.4E6	195.3E6	39.738	87.859 #
8)	B Heptachlo...	5.097	5.850	458.6E6	76562519	38.748m	42.823m
9)	A Endosulfan I	5.432	6.203	395.7E6	72031866	34.664	39.920
10)	B gamma-Chl...	5.320	6.083	440.5E6	74605648	34.133	38.263m
11)	B alpha-Chl...	5.379	6.158	479.6E6	78217697	38.546	41.268
12)	B 4,4'-DDE	5.544	6.312	427.4E6	77903415	33.635m	40.850m
13)	MA Dieldrin	5.672	6.456	444.9E6	79136771	34.751	41.410m
14)	MA Endrin	5.928	6.672	424.7E6	68473648	36.365	40.604
15)	B Endosulfa...	6.201	6.873	374.1E6	72004414	31.886	40.895 #
16)	A 4,4'-DDD	6.058	6.793	328.3E6	54261017	31.202m	38.045m
17)	MA 4,4'-DDT	6.296	7.093	341.7E6	50822701	32.322	38.115m
18)	B Endrin al...	6.369	6.995	298.0E6	67839659	30.170m	45.814m#
19)	B Endosulfa...	6.580	7.218	394.0E6	66552536	35.569m	41.266m
20)	A Methoxychlor	6.843	7.549	174.7E6	35786111	30.063m	43.904m#
21)	B Endrin ke...	7.069	7.683	445.2E6	76996137	35.541m	42.635

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

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
Data File : PL032640.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jan 2018 17:43
Operator : UA\AJ
Sample : J1305-02MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

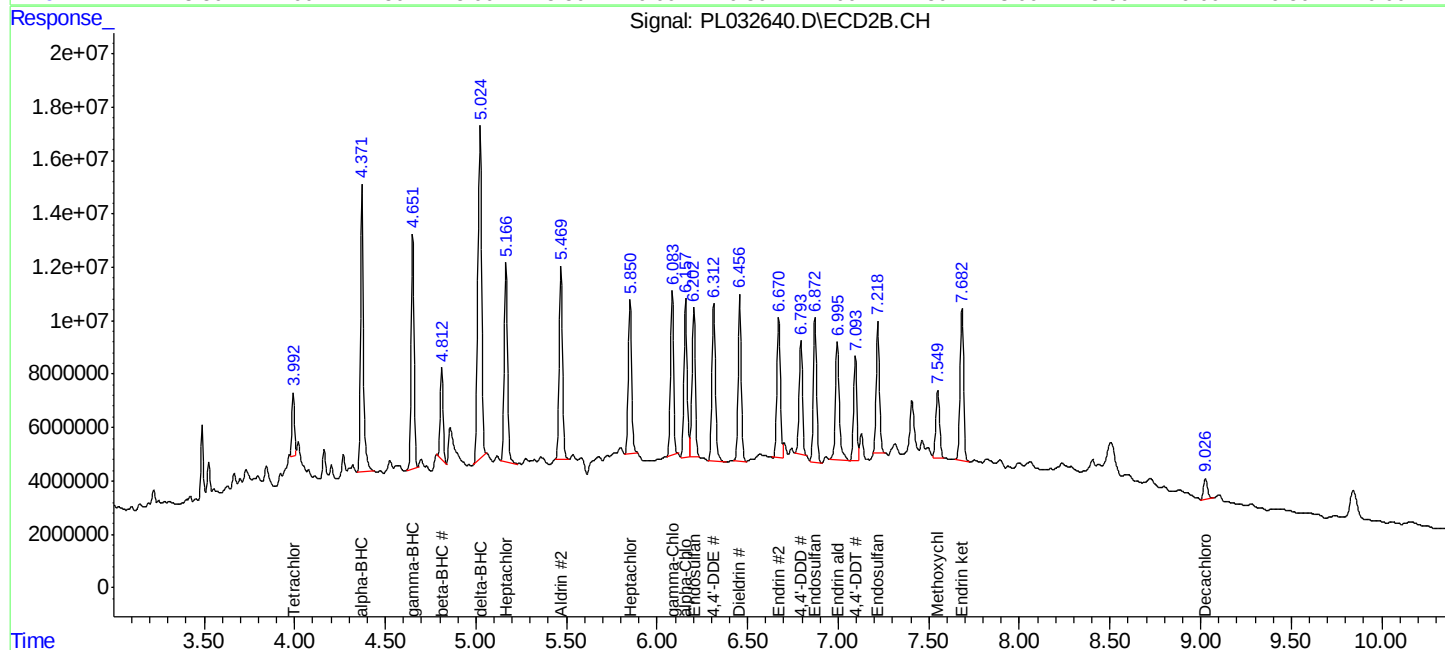
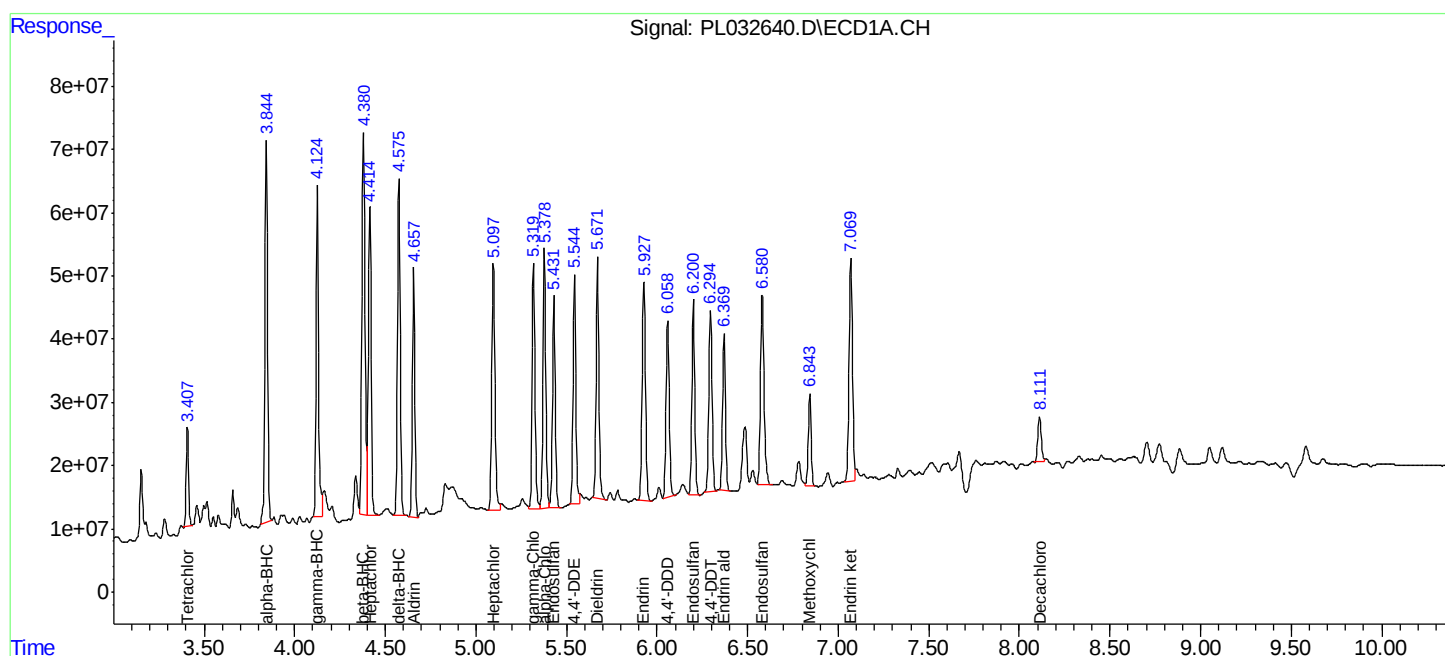
Instrument :
ECD_L
ClientSampled :
ENGINE-WASHMSD

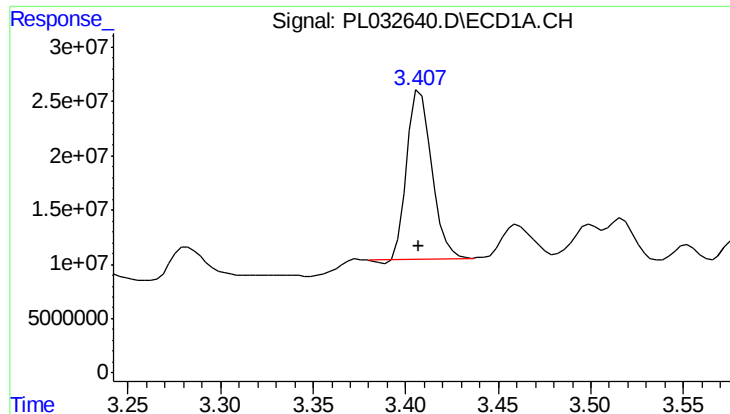
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 23:42:20 2018
Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
Quant Title : GC Extractables
QLast Update : Sat Jan 27 04:03:48 2018
Response via : Initial Calibration
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Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





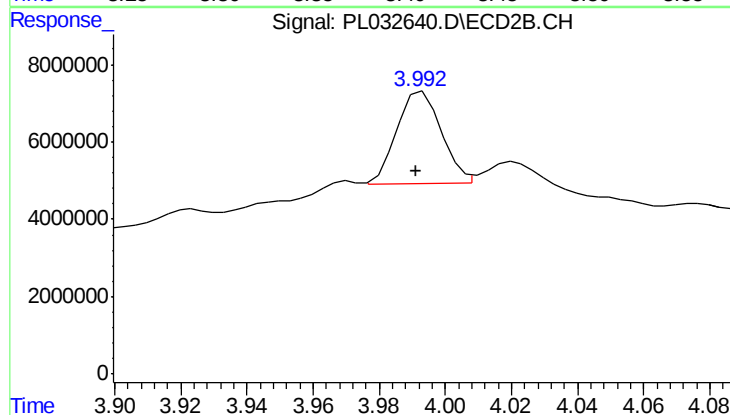
#1 Tetrachloro-m-xylene

R.T.: 3.408 min
Delta R.T.: 0.000 min
Response: 145480964
Conc: 16.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

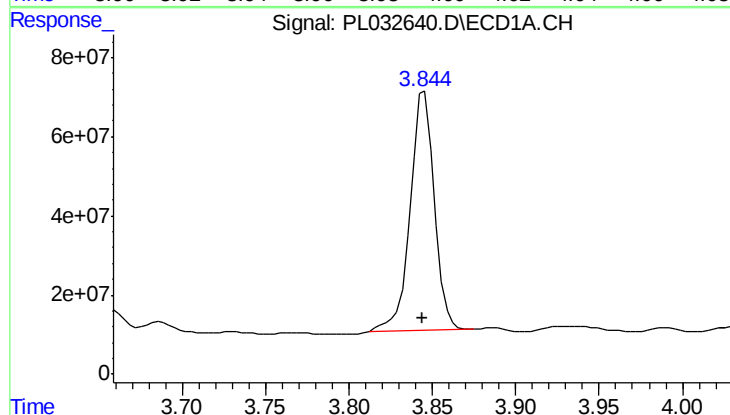
Manual Integrations
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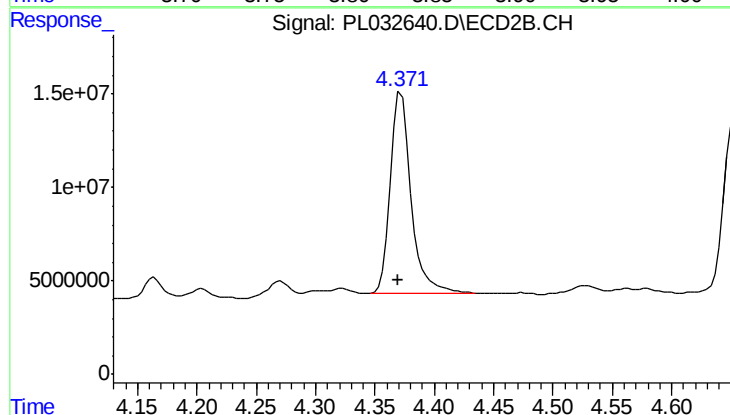
#1 Tetrachloro-m-xylene

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 22060326
Conc: 17.62 ng/ml m



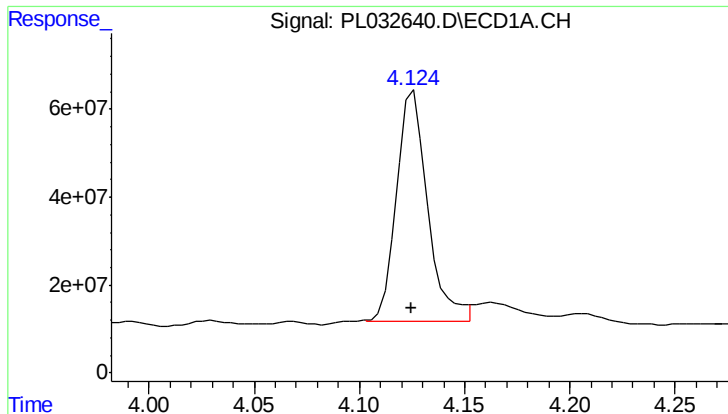
#2 alpha-BHC

R.T.: 3.845 min
Delta R.T.: 0.001 min
Response: 606017305
Conc: 43.07 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 128328459
Conc: 55.40 ng/ml m



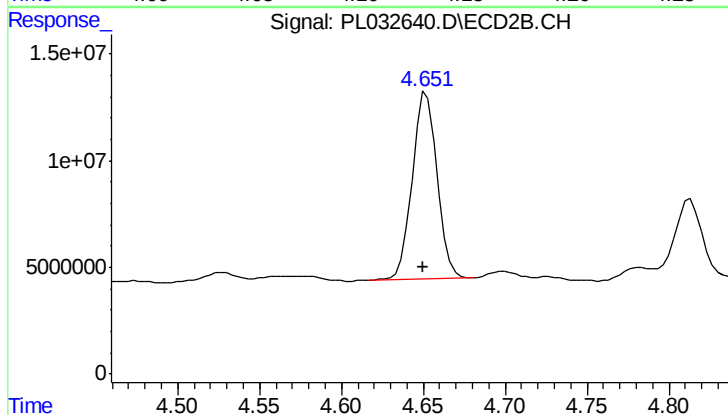
#3 gamma-BHC (Lindane)

R.T.: 4.124 min
Delta R.T.: 0.000 min
Response: 546698520
Conc: 42.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

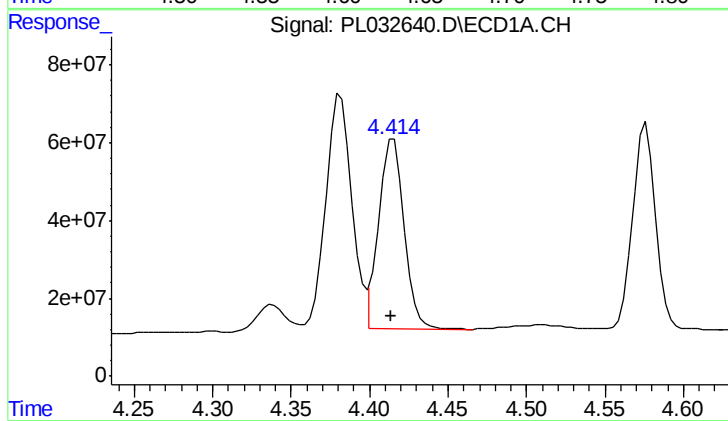
Manual Integrations
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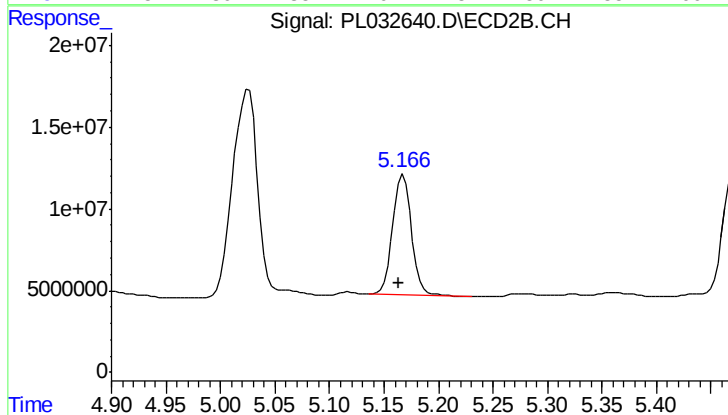
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 92509917
Conc: 43.07 ng/ml



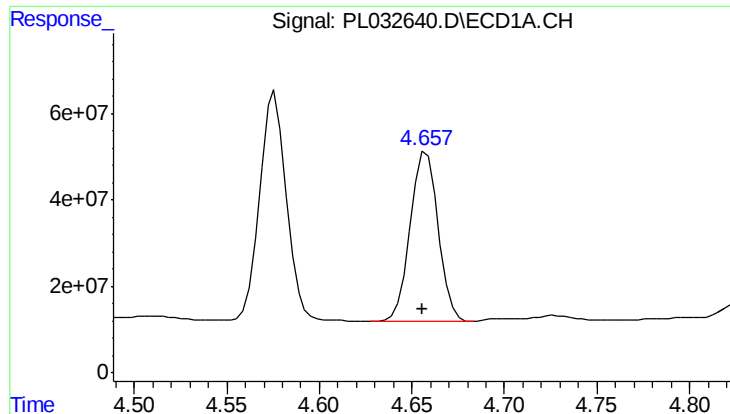
#4 Heptachlor

R.T.: 4.415 min
Delta R.T.: 0.001 min
Response: 545068207
Conc: 41.18 ng/ml



#4 Heptachlor

R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 89587279
Conc: 42.91 ng/ml



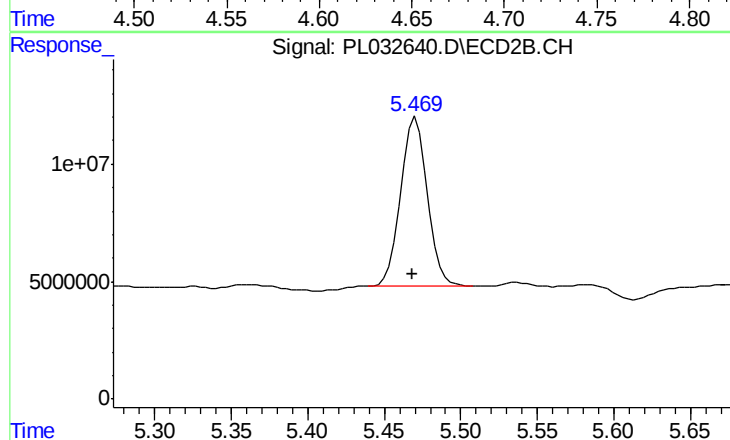
#5 Aldrin

R.T.: 4.658 min
Delta R.T.: 0.002 min
Response: 412651332
Conc: 32.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

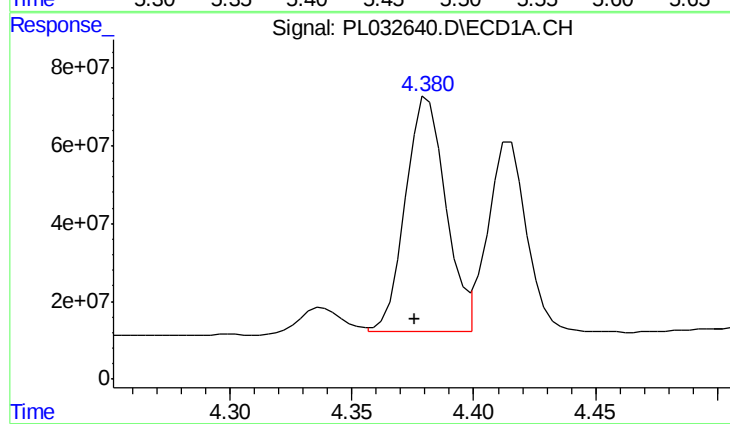
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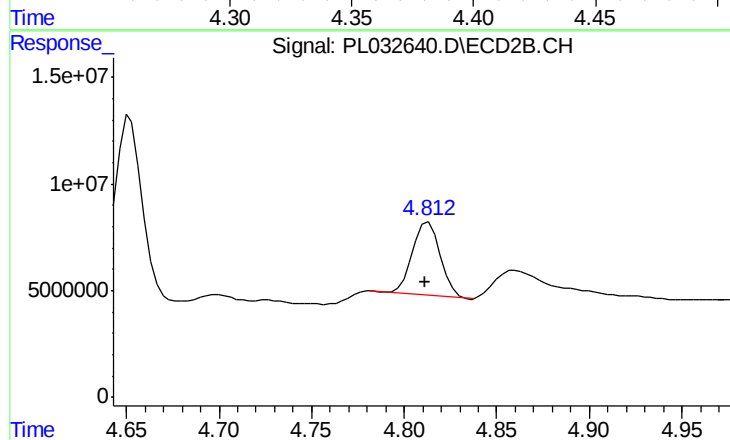
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.001 min
Response: 86841372
Conc: 41.47 ng/ml m



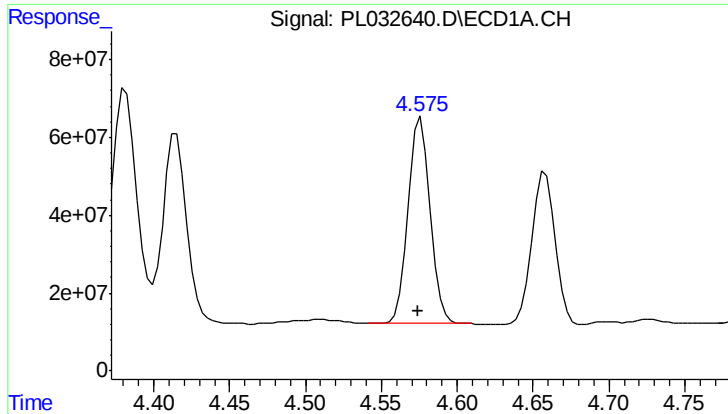
#6 beta-BHC

R.T.: 4.381 min
Delta R.T.: 0.006 min
Response: 693052395
Conc: 121.35 ng/ml



#6 beta-BHC

R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 36736923
Conc: 38.49 ng/ml



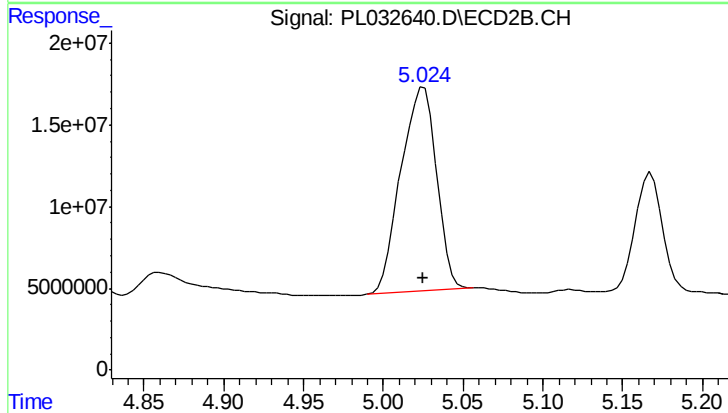
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 530419816
Conc: 39.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

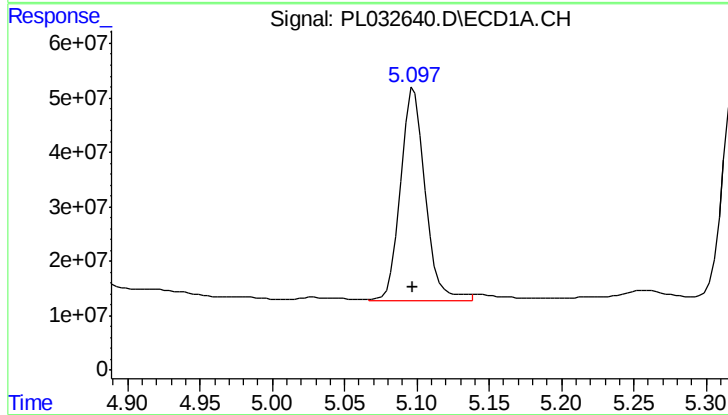
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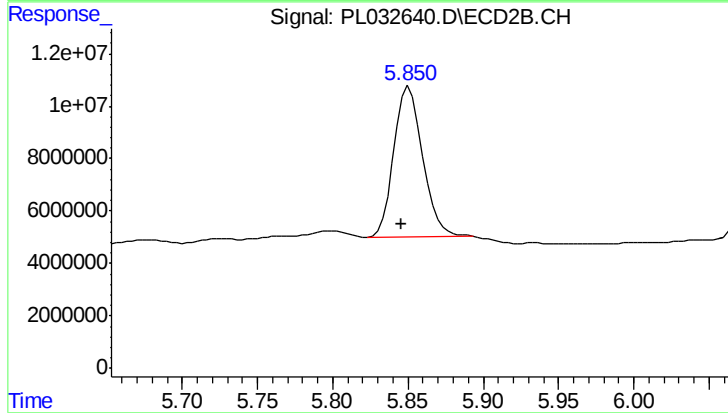
#7 delta-BHC

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 195342055
Conc: 87.86 ng/ml



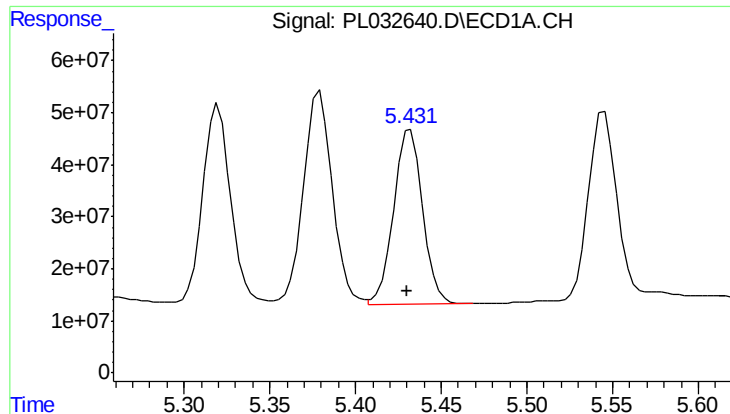
#8 Heptachlor epoxide

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 458613078
Conc: 38.75 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 76562519
Conc: 42.82 ng/ml m



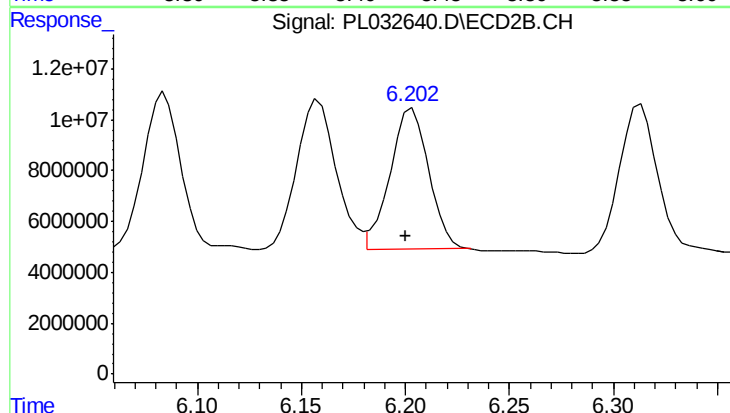
#9 Endosulfan I

R.T.: 5.432 min
Delta R.T.: 0.001 min
Response: 395671190
Conc: 34.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

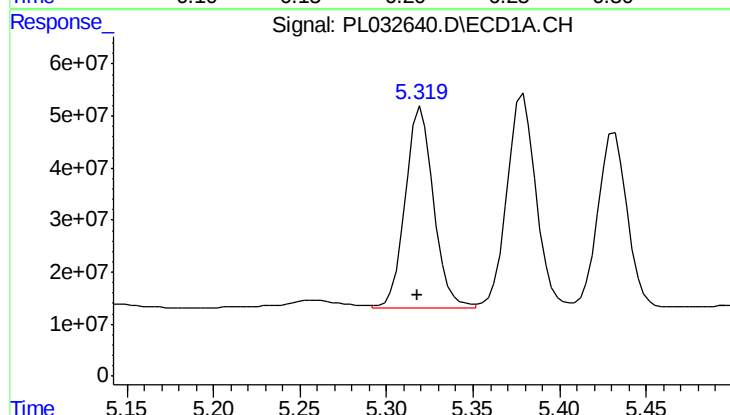
Manual Integrations
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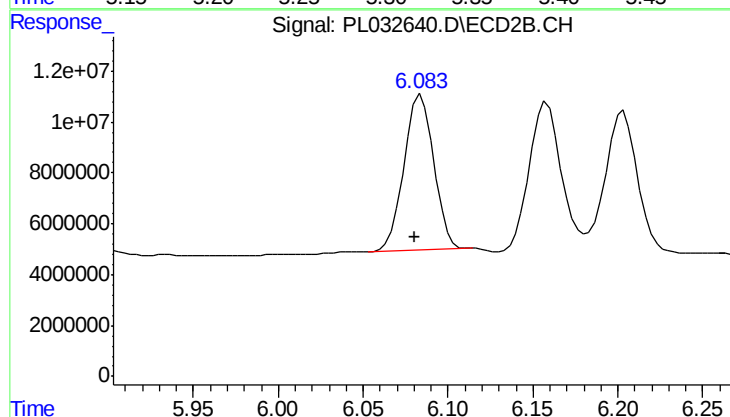
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 72031866
Conc: 39.92 ng/ml



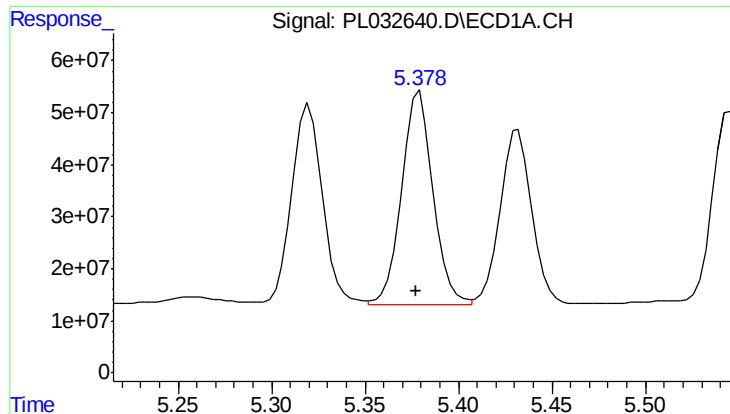
#10 gamma-Chlordane

R.T.: 5.320 min
Delta R.T.: 0.002 min
Response: 440535447
Conc: 34.13 ng/ml



#10 gamma-Chlordane

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 74605648
Conc: 38.26 ng/ml m



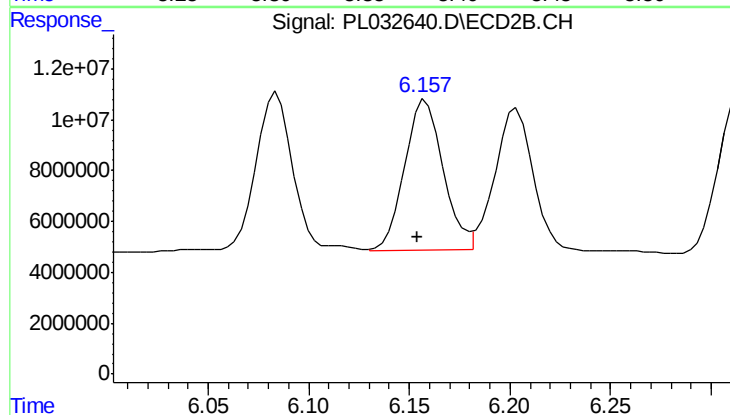
#11 alpha-Chlordane

R.T.: 5.379 min
Delta R.T.: 0.002 min
Response: 479574417
Conc: 38.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

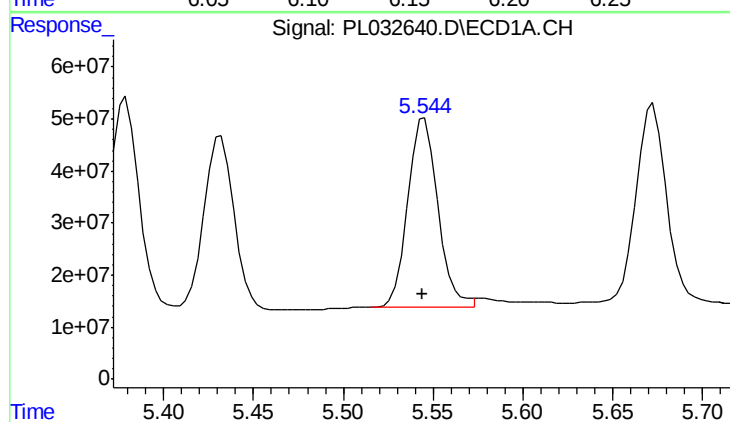
Manual Integrations
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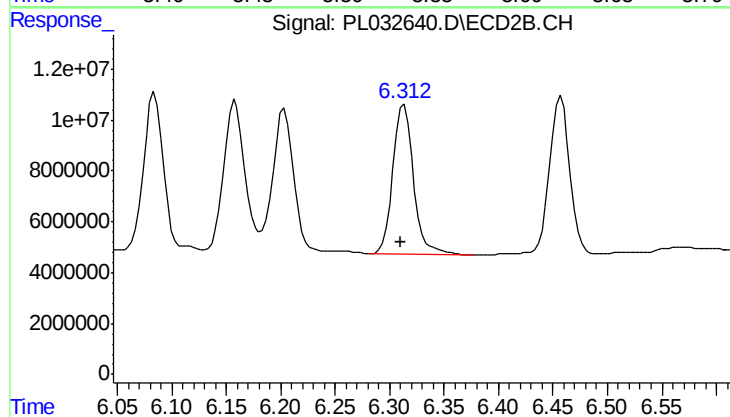
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 78217697
Conc: 41.27 ng/ml



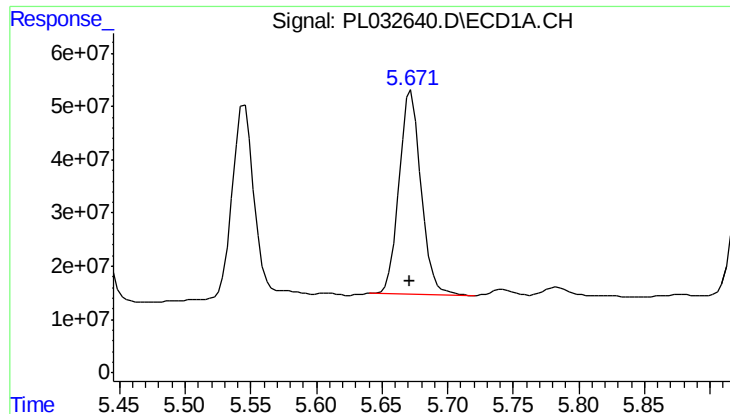
#12 4,4'-DDE

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 427350135
Conc: 33.63 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: 0.002 min
Response: 77903415
Conc: 40.85 ng/ml m



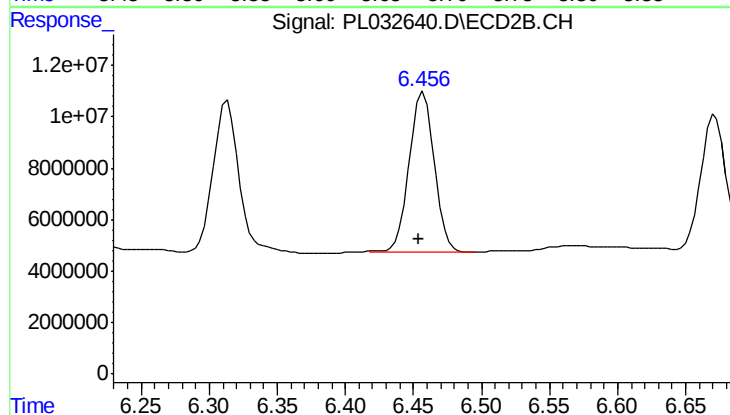
#13 Dieldrin

R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 444888214
Conc: 34.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

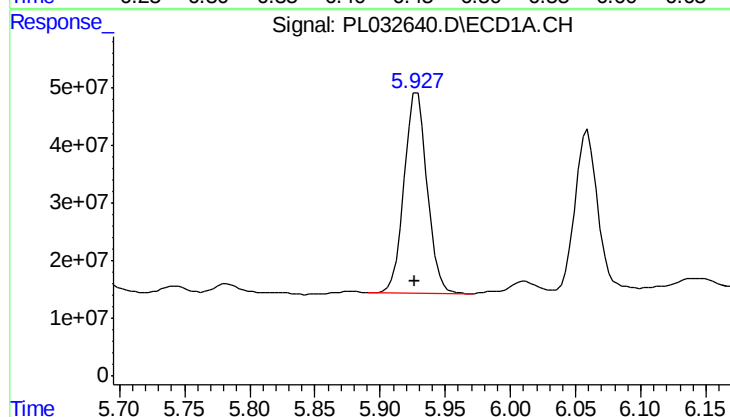
Manual Integrations
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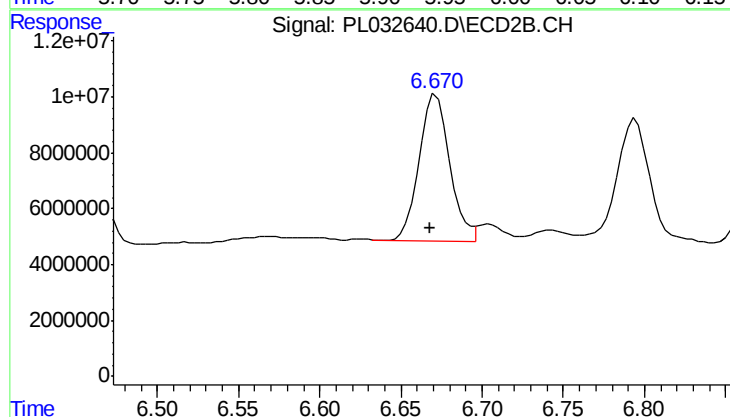
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: 0.003 min
Response: 79136771
Conc: 41.41 ng/ml m



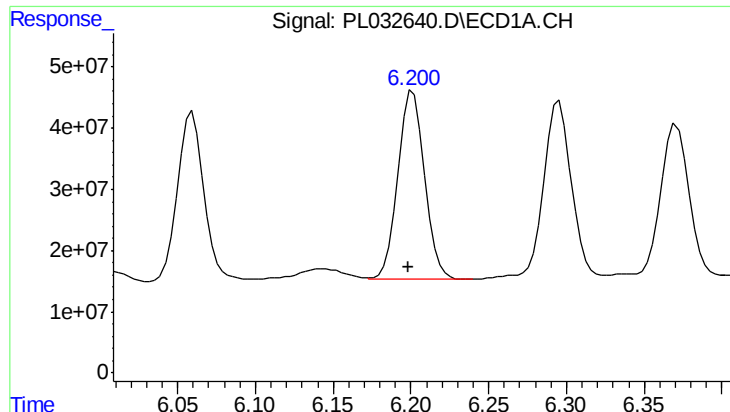
#14 Endrin

R.T.: 5.928 min
Delta R.T.: 0.002 min
Response: 424678678
Conc: 36.36 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 68473648
Conc: 40.60 ng/ml



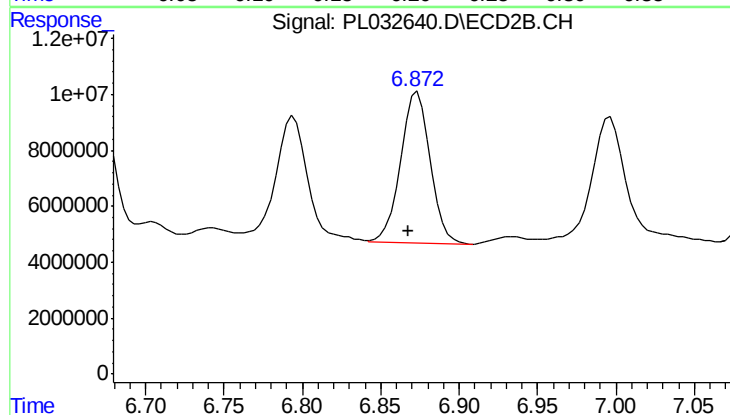
#15 Endosulfan II

R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 374120054
Conc: 31.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

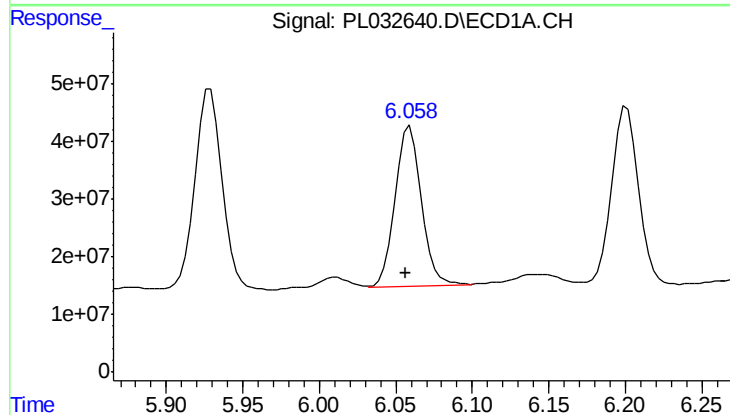
Manual Integrations
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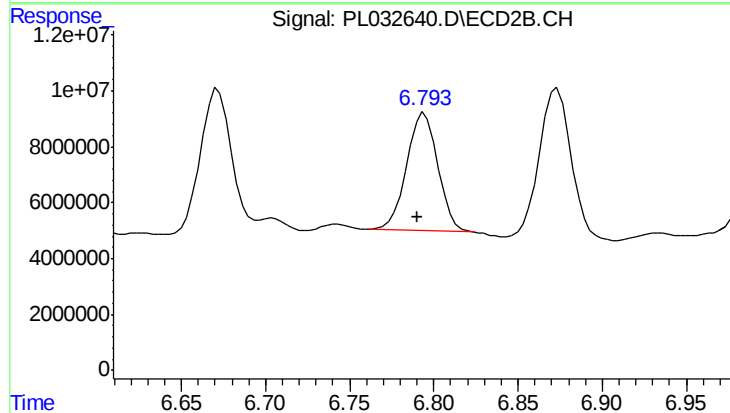
#15 Endosulfan II

R.T.: 6.873 min
Delta R.T.: 0.006 min
Response: 72004414
Conc: 40.90 ng/ml



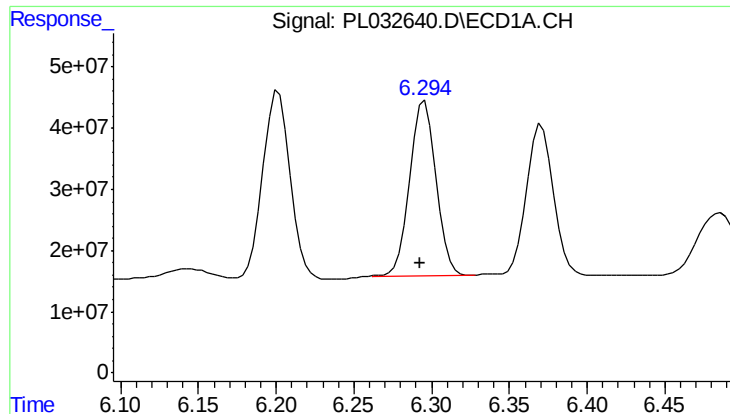
#16 4,4'-DDD

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 328288902
Conc: 31.20 ng/ml m



#16 4,4'-DDD

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 54261017
Conc: 38.05 ng/ml m



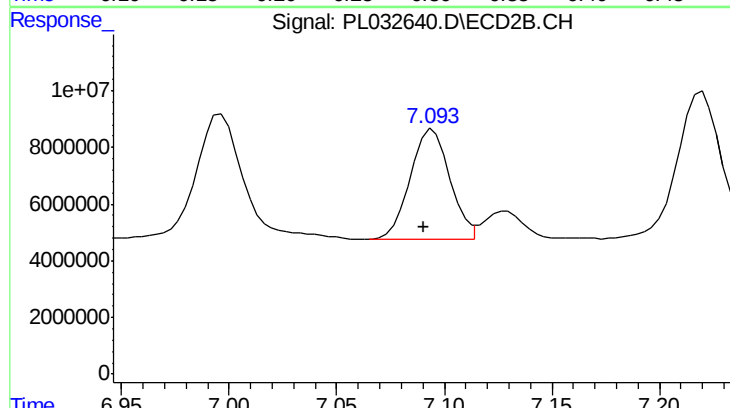
#17 4,4'-DDT

R.T.: 6.296 min
Delta R.T.: 0.003 min
Response: 341677832
Conc: 32.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

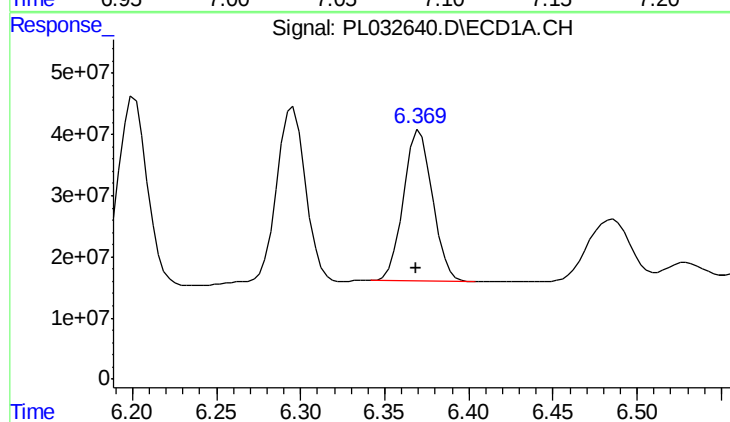
Manual Integrations
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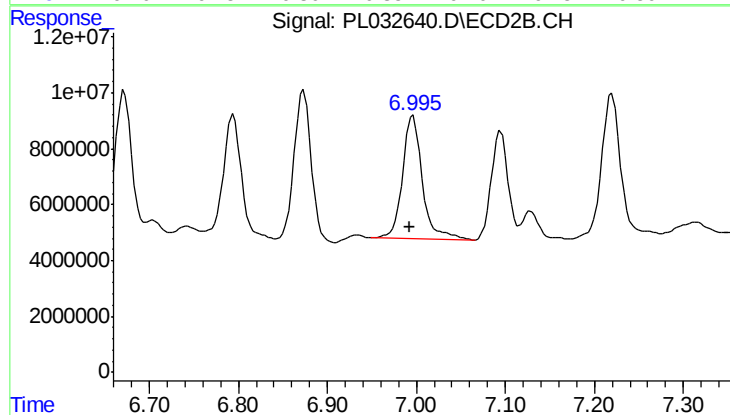
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 50822701
Conc: 38.11 ng/ml m



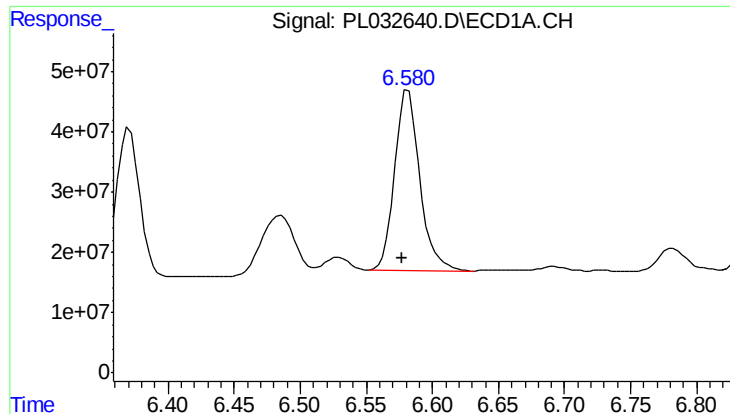
#18 Endrin aldehyde

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 297974649
Conc: 30.17 ng/ml m



#18 Endrin aldehyde

R.T.: 6.995 min
Delta R.T.: 0.003 min
Response: 67839659
Conc: 45.81 ng/ml m



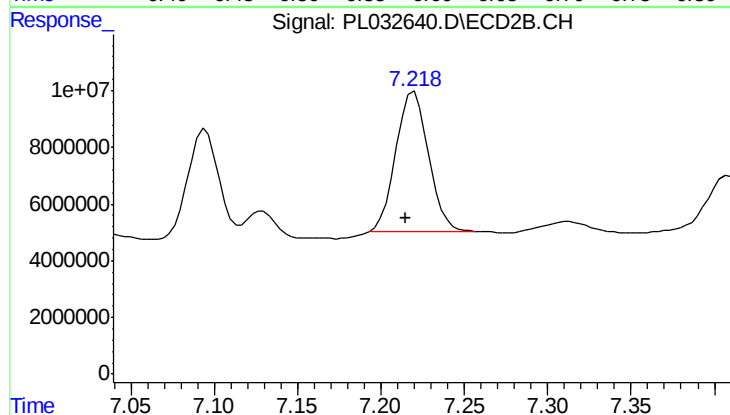
#19 Endosulfan Sulfate

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 394003592
Conc: 35.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

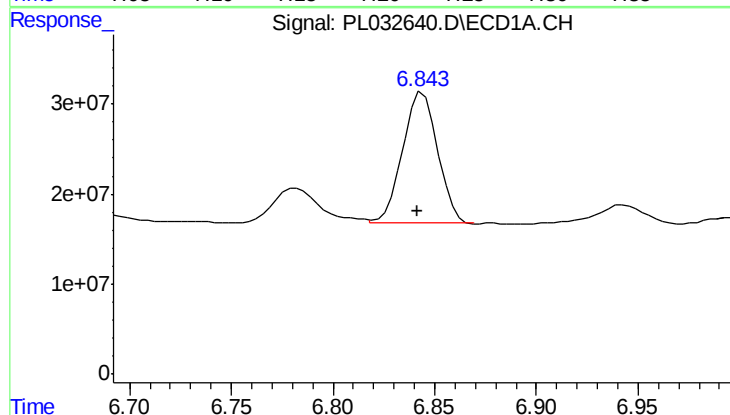
Manual Integrations
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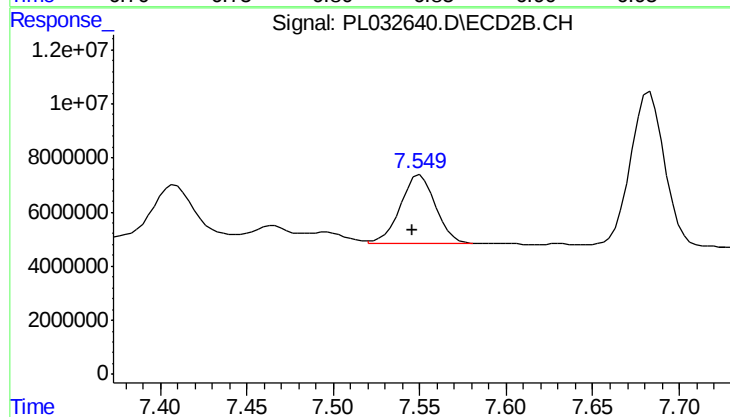
#19 Endosulfan Sulfate

R.T.: 7.218 min
Delta R.T.: 0.003 min
Response: 66552536
Conc: 41.27 ng/ml m



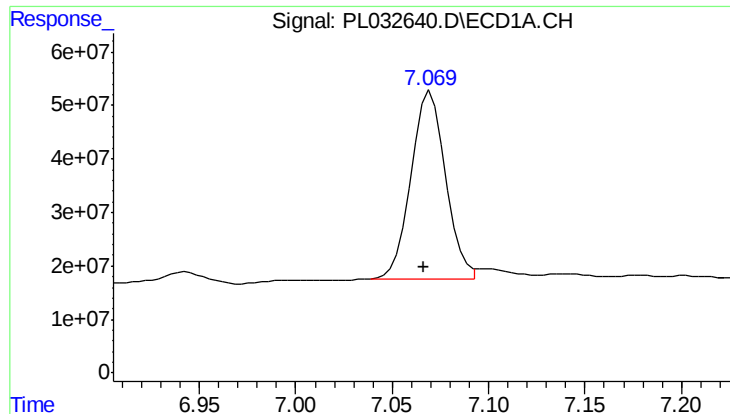
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 174673358
Conc: 30.06 ng/ml m



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: 0.004 min
Response: 35786111
Conc: 43.90 ng/ml m



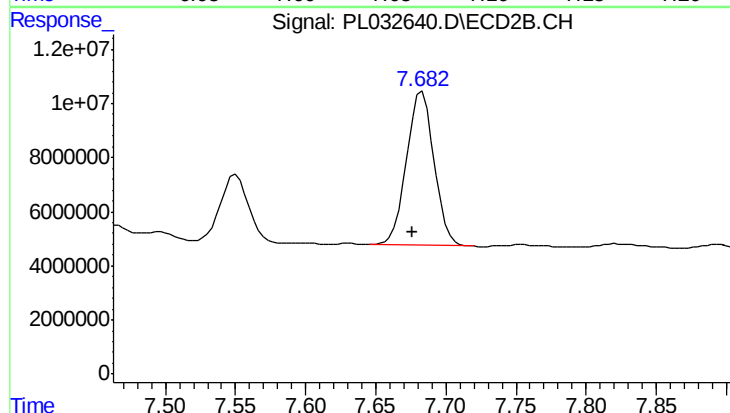
#21 Endrin ketone

R.T.: 7.069 min
Delta R.T.: 0.003 min
Response: 445163801
Conc: 35.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMSD

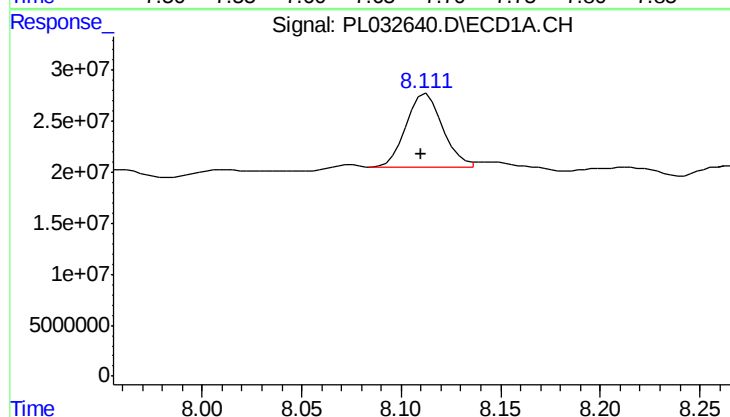
Manual Integrations
APPROVED

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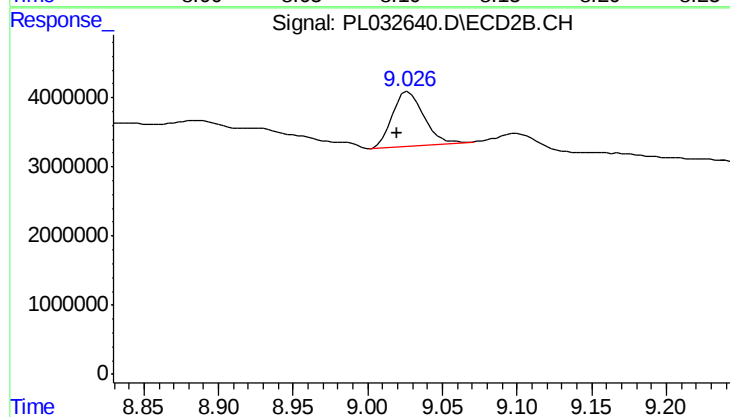
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.007 min
Response: 76996137
Conc: 42.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 92399500
Conc: 7.94 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.008 min
Response: 11426512
Conc: 6.01 ng/ml