

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
 Data File : PL047104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2019 17:18
 Operator : AJ\SJ
 Sample : K2309-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HA-040519MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 09 09:02:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 2019
 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...	3.358	3.976	105.6E6	38407820	14.520	16.775
28)	SA Decachlor...	8.037	9.032	143.1E6	43625535	17.013	18.816
Target Compounds							
2)	A alpha-BHC	3.788	4.367	493.2E6	149.7E6	42.290	46.575
3)	MA gamma-BHC...	4.065	4.651	442.4E6	137.3E6	41.176	45.879
4)	MA Heptachlor	4.352	5.157	432.5E6	133.0E6	39.229	43.243
5)	MB Aldrin	4.592	5.461	340.2E6	124.3E6	32.978	43.381 #
6)	B beta-BHC	4.318	4.824	174.8E6	60600138	38.829	45.712
7)	B delta-BHC	4.514	5.040	386.3E6	102.1E6	38.157	43.987
8)	B Heptachlo...	5.030	5.847	376.0E6	112.3E6	38.551	42.594
9)	A Endosulfan I	5.362	6.204	359.4E6	110.4E6	38.223	42.282
10)	B gamma-Chl...	5.253	6.081	398.3E6	128.1E6	38.773	45.130
11)	B alpha-Chl...	5.309	6.154	372.6E6	116.1E6	36.748	40.912
12)	B 4,4'-DDE	5.476	6.312	364.0E6	103.2E6	39.531	41.584
13)	MA Dieldrin	5.601	6.461	428.6E6	118.9E6	42.706	43.854
14)	MA Endrin	5.855	6.678	373.6E6	105.2E6	39.659	44.026
15)	B Endosulfa...	6.129	6.889	324.6E6	102.0E6	36.232	42.255
16)	A 4,4'-DDD	5.988	6.803	288.5E6	97864776	38.162	48.640 #
17)	MA 4,4'-DDT	6.222	7.099	326.5E6	99718411	43.100	47.554m
18)	B Endrin al...	6.296	7.011	285.6E6	88167332	38.099	41.510m
19)	B Endosulfa...	6.508	7.236	363.4E6	101.8E6	44.255	43.140
20)	A Methoxychlor	6.768	7.560	155.0E6	52986816	36.461	41.566
21)	B Endrin ke...	6.991	7.705	359.3E6	107.4E6	38.852	43.244
22)	Mirex	7.167	8.157	220.3E6	79130989	30.235	39.562 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040819\
Data File : PL047104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2019 17:18
Operator : AJ\SJ
Sample : K2309-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

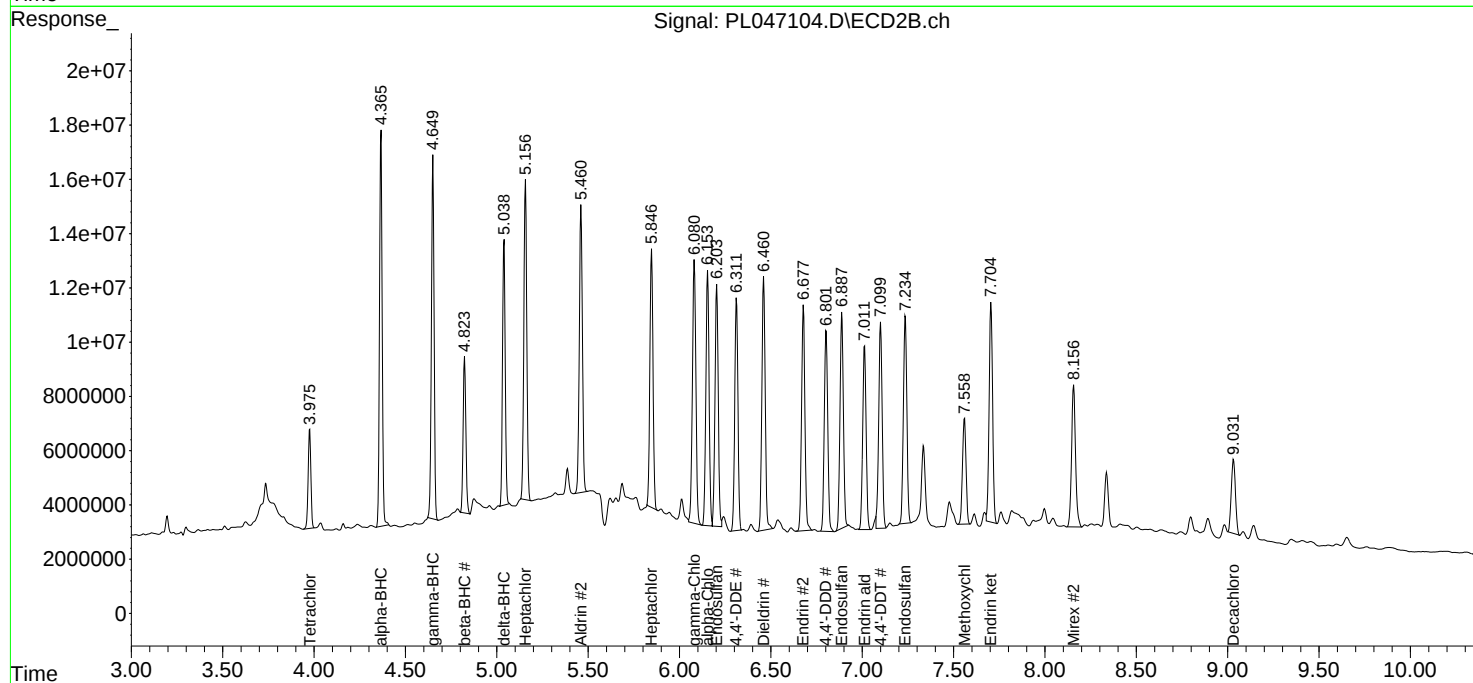
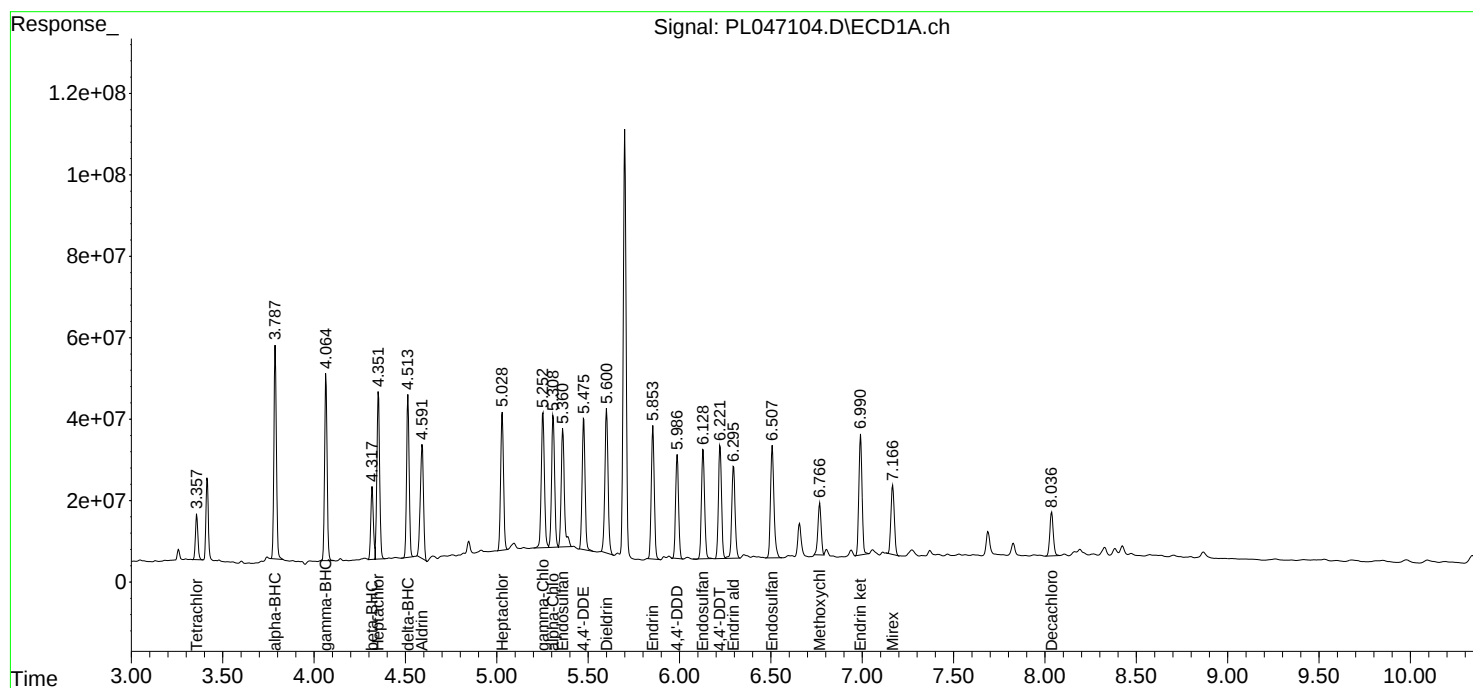
Instrument :
ECD_L
ClientSampleId :
HA-040519MS

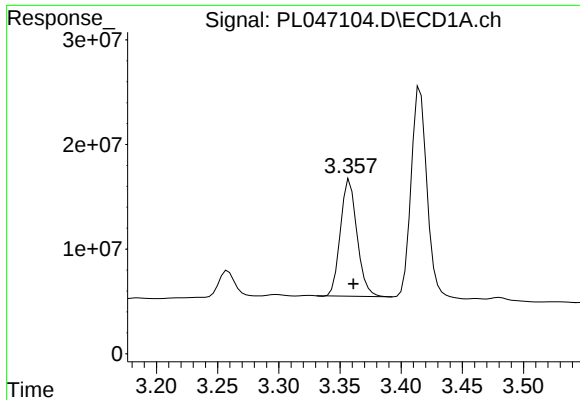
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 09 09:02:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





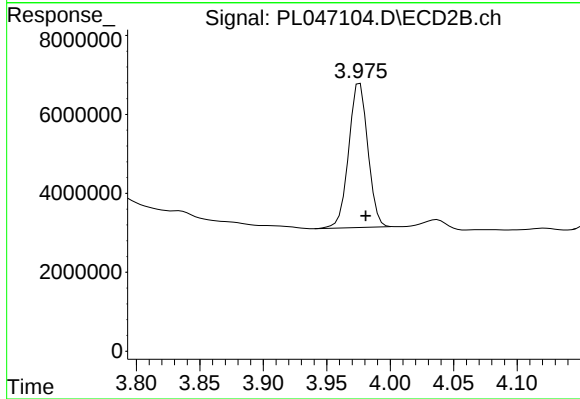
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 105629975
Conc: 14.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

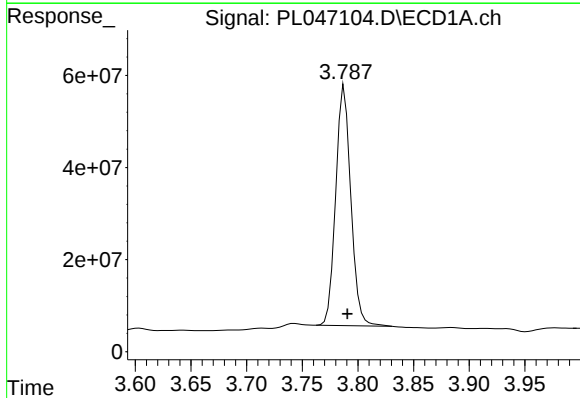
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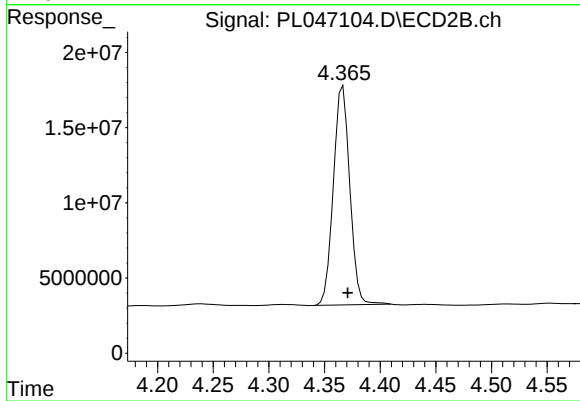
#1 Tetrachloro-m-xylene

R.T.: 3.976 min
Delta R.T.: -0.005 min
Response: 38407820
Conc: 16.77 ng/ml



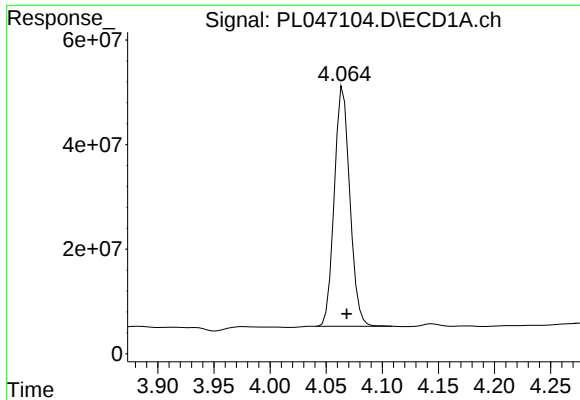
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 493187896
Conc: 42.29 ng/ml



#2 alpha-BHC

R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 149660429
Conc: 46.58 ng/ml



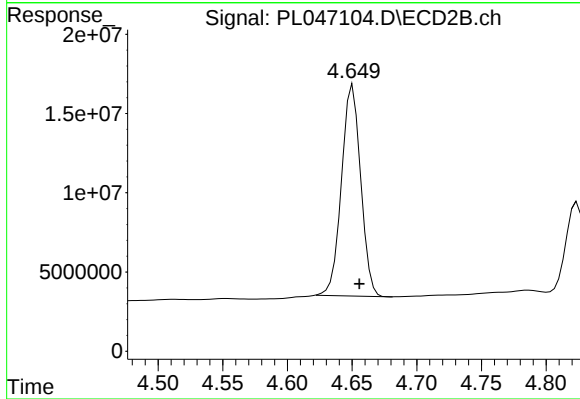
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 442416648
Conc: 41.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

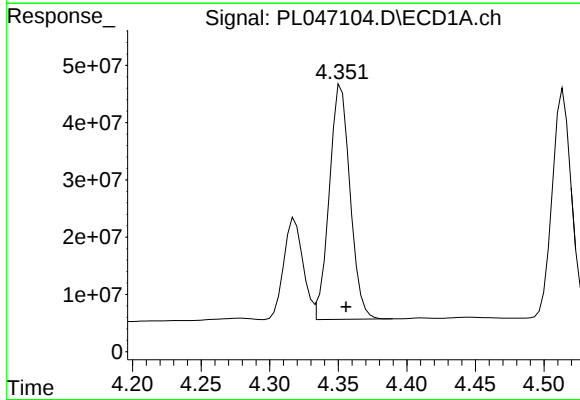
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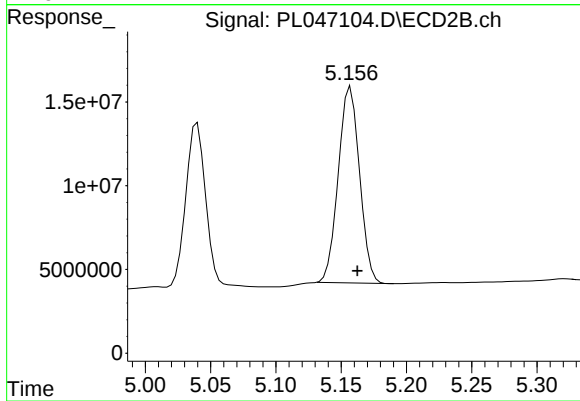
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 137316693
Conc: 45.88 ng/ml



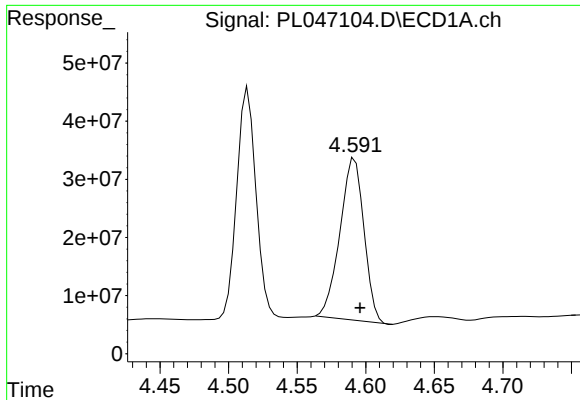
#4 Heptachlor

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 432500892
Conc: 39.23 ng/ml



#4 Heptachlor

R.T.: 5.157 min
Delta R.T.: -0.005 min
Response: 133008980
Conc: 43.24 ng/ml



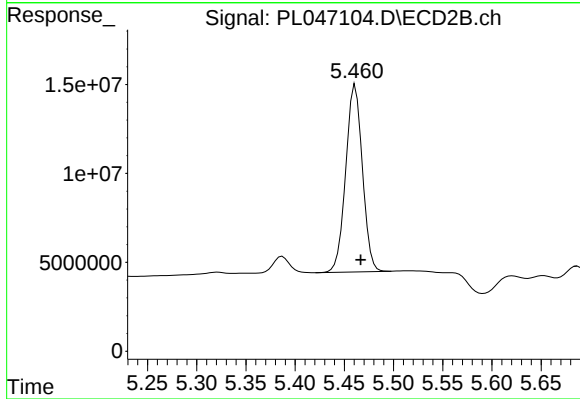
#5 Aldrin

R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 340164504
Conc: 32.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

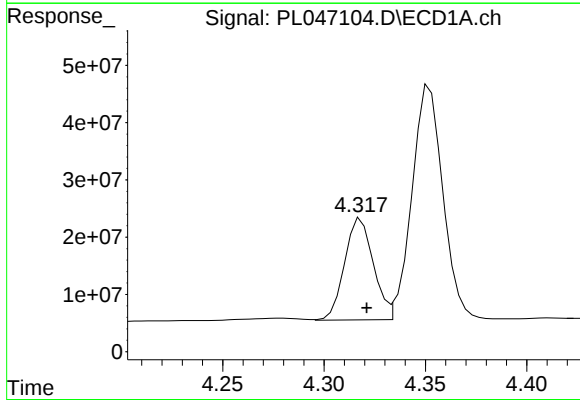
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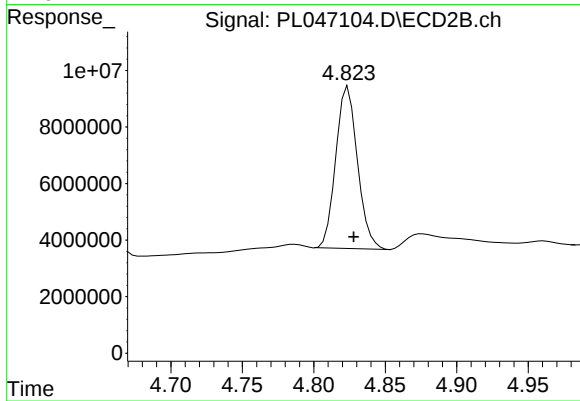
#5 Aldrin

R.T.: 5.461 min
Delta R.T.: -0.005 min
Response: 124284192
Conc: 43.38 ng/ml



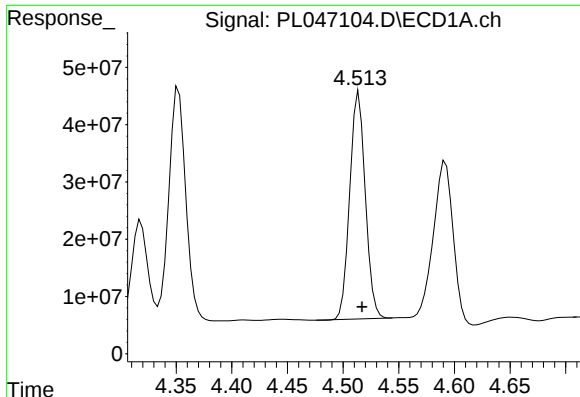
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 174824597
Conc: 38.83 ng/ml



#6 beta-BHC

R.T.: 4.824 min
Delta R.T.: -0.004 min
Response: 60600138
Conc: 45.71 ng/ml



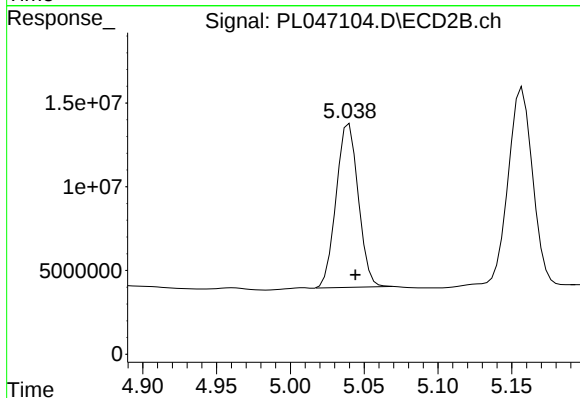
#7 delta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 386268662
Conc: 38.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

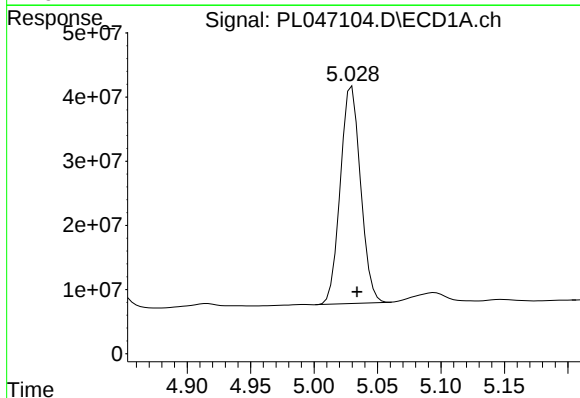
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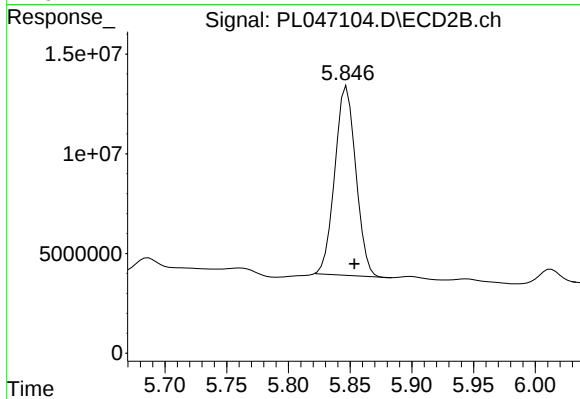
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 102057679
Conc: 43.99 ng/ml



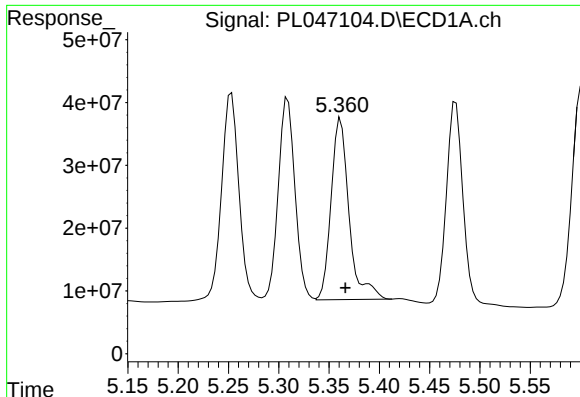
#8 Heptachlor epoxide

R.T.: 5.030 min
Delta R.T.: -0.004 min
Response: 376009962
Conc: 38.55 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: -0.006 min
Response: 112327200
Conc: 42.59 ng/ml



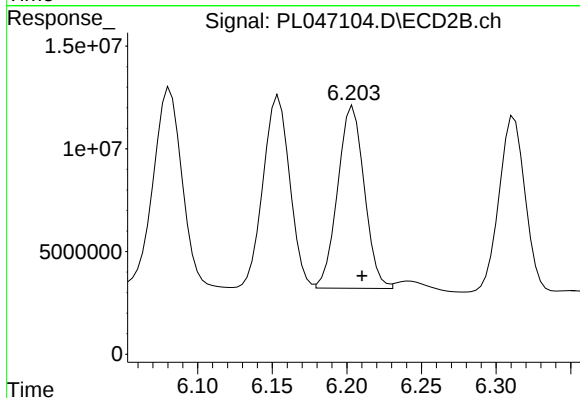
#9 Endosulfan I

R.T.: 5.362 min
Delta R.T.: -0.005 min
Response: 359380808
Conc: 38.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

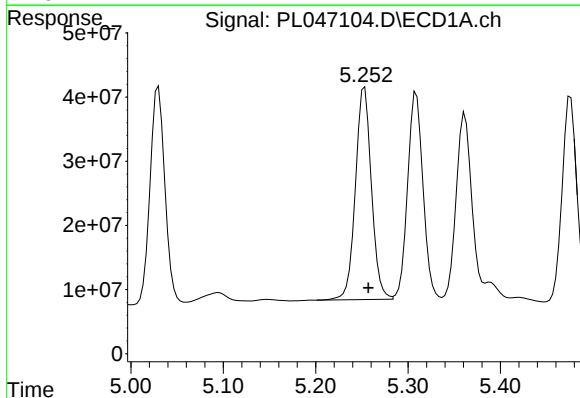
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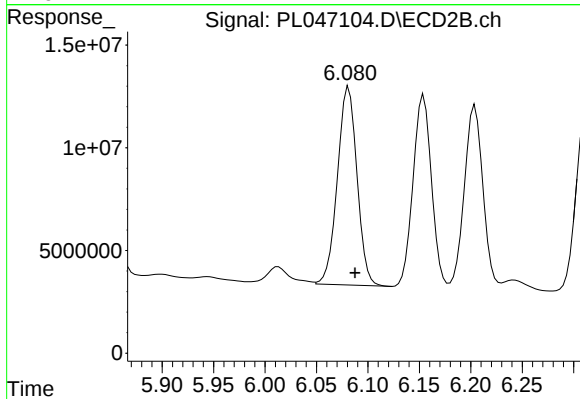
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 110351884
Conc: 42.28 ng/ml



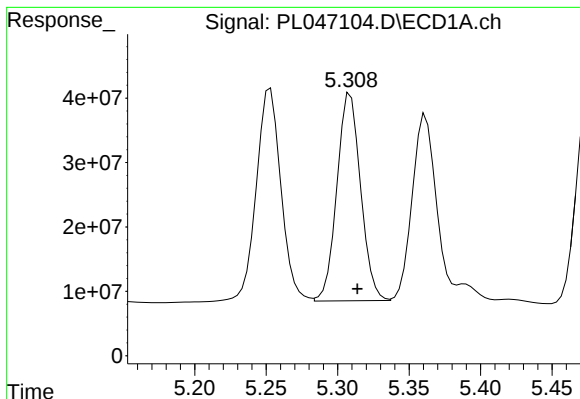
#10 gamma-Chlordane

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 398300058
Conc: 38.77 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 128082542
Conc: 45.13 ng/ml



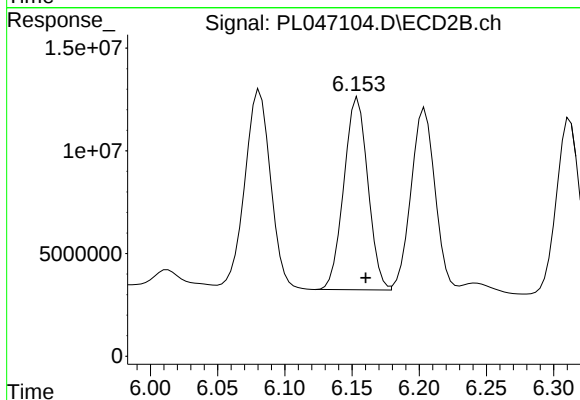
#11 alpha-Chlordane

R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 372592677
Conc: 36.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

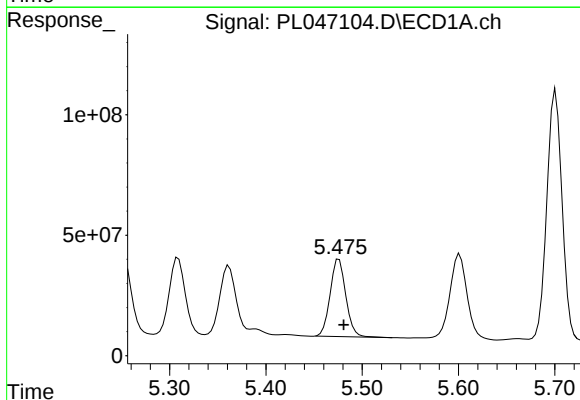
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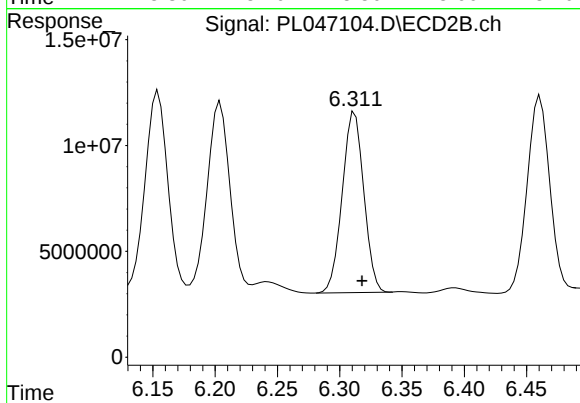
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 116054049
Conc: 40.91 ng/ml



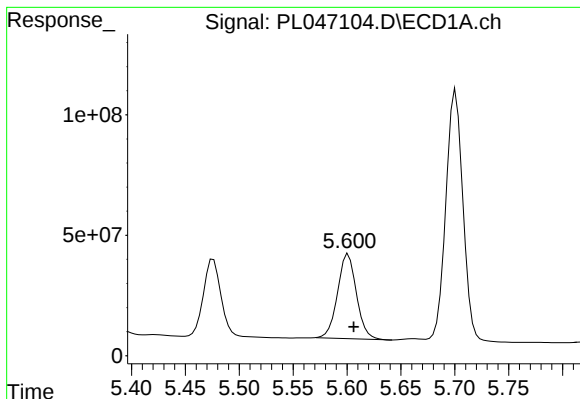
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 363958403
Conc: 39.53 ng/ml



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 103225913
Conc: 41.58 ng/ml



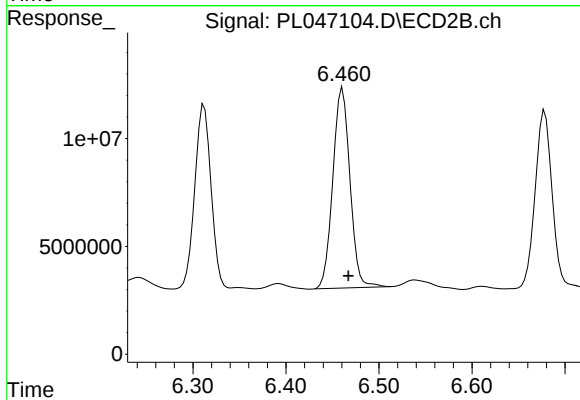
#13 Dieldrin

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 428574501
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

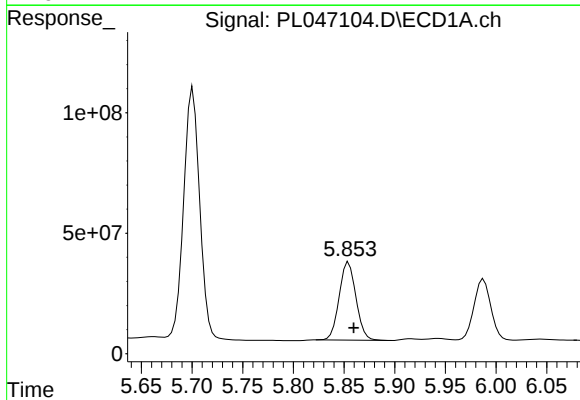
Manual Integrations
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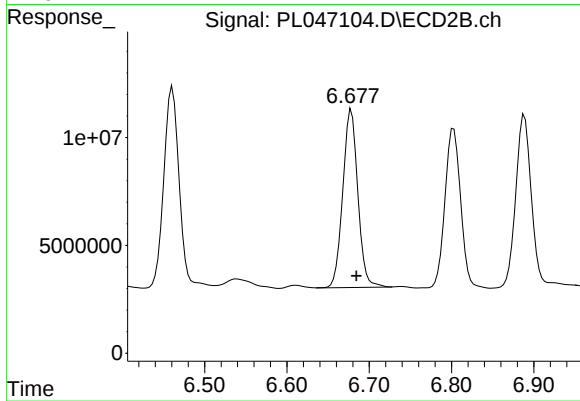
#13 Dieldrin

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 118874262
Conc: 43.85 ng/ml



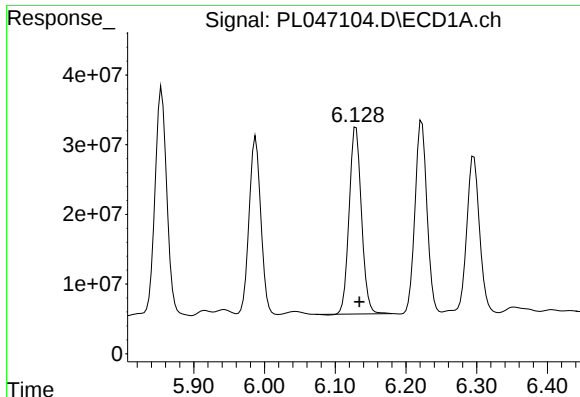
#14 Endrin

R.T.: 5.855 min
Delta R.T.: -0.005 min
Response: 373556960
Conc: 39.66 ng/ml



#14 Endrin

R.T.: 6.678 min
Delta R.T.: -0.006 min
Response: 105212654
Conc: 44.03 ng/ml



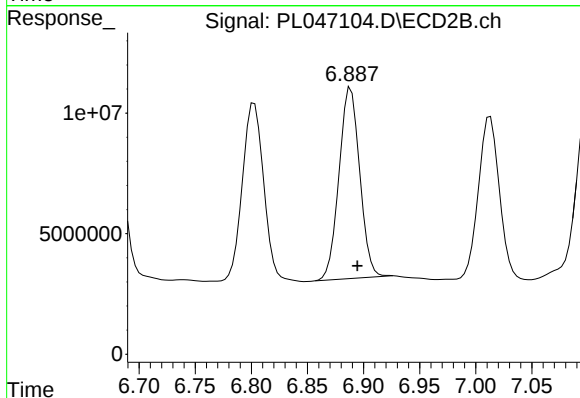
#15 Endosulfan II

R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 324624446
Conc: 36.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

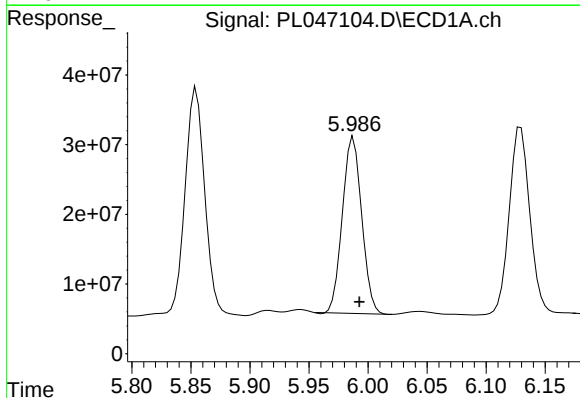
Manual Integrations
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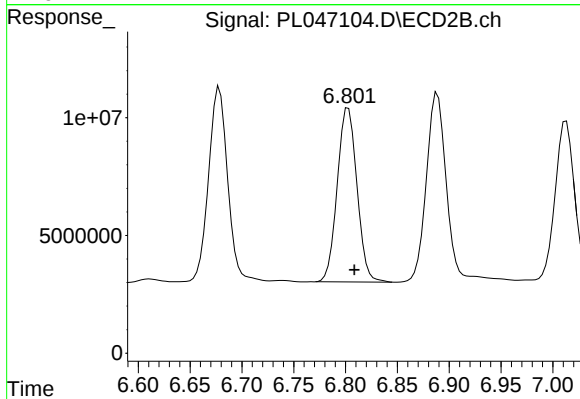
#15 Endosulfan II

R.T.: 6.889 min
Delta R.T.: -0.006 min
Response: 101955702
Conc: 42.25 ng/ml



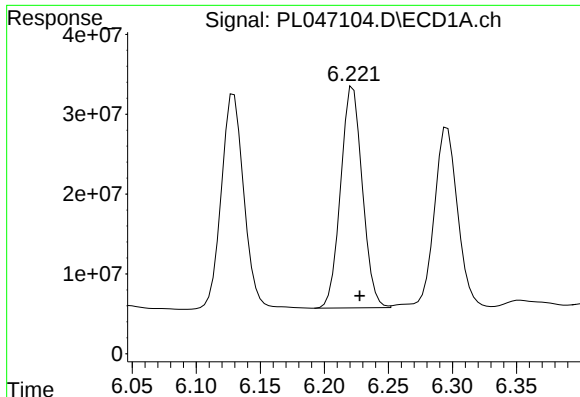
#16 4,4'-DDD

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 288466148
Conc: 38.16 ng/ml



#16 4,4'-DDD

R.T.: 6.803 min
Delta R.T.: -0.006 min
Response: 97864776
Conc: 48.64 ng/ml



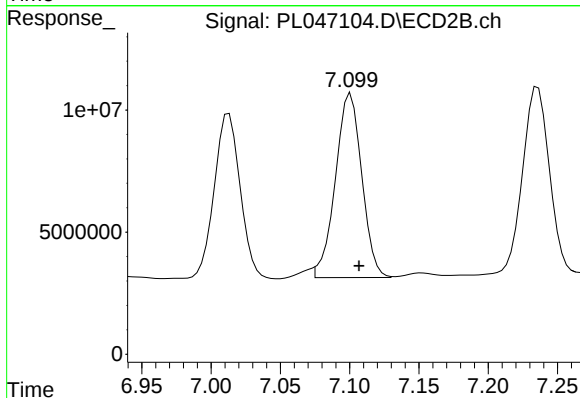
#17 4,4'-DDT

R.T.: 6.222 min
Delta R.T.: -0.005 min
Response: 326457667
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

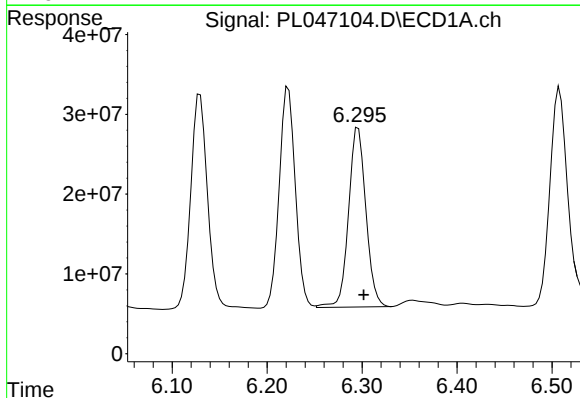
Manual Integrations
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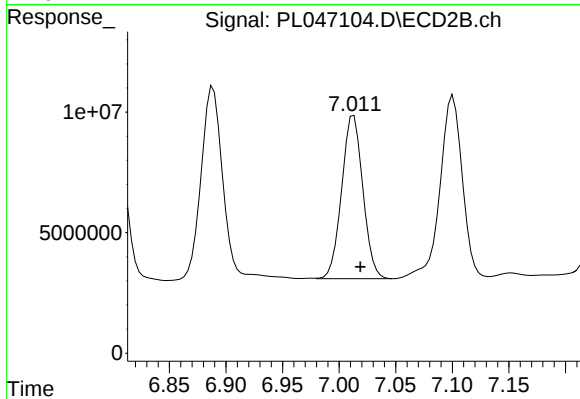
#17 4,4'-DDT

R.T.: 7.099 min
Delta R.T.: -0.008 min
Response: 99718411
Conc: 47.55 ng/ml m



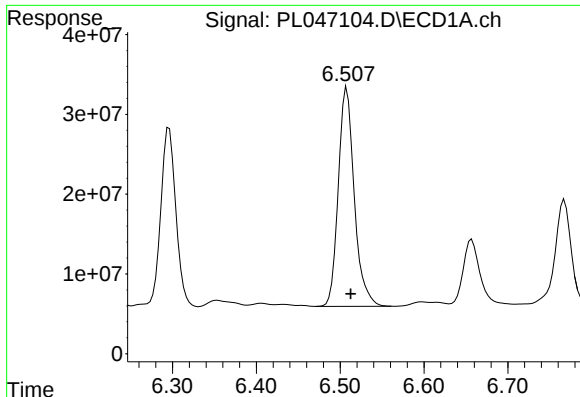
#18 Endrin aldehyde

R.T.: 6.296 min
Delta R.T.: -0.006 min
Response: 285559844
Conc: 38.10 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min
Delta R.T.: -0.007 min
Response: 88167332
Conc: 41.51 ng/ml m



#19 Endosulfan Sulfate

R.T.: 6.508 min

Delta R.T.: -0.005 min

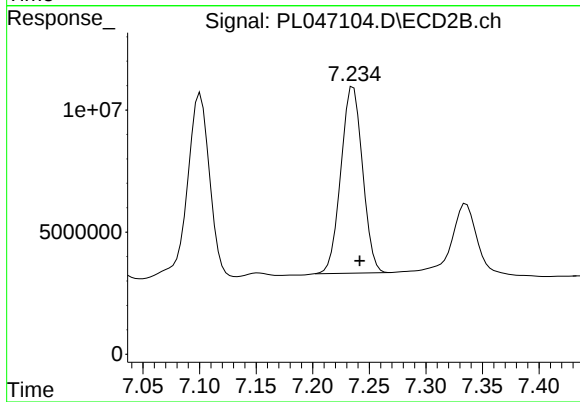
Response: 363387690

Conc: 44.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

Manual Integrations
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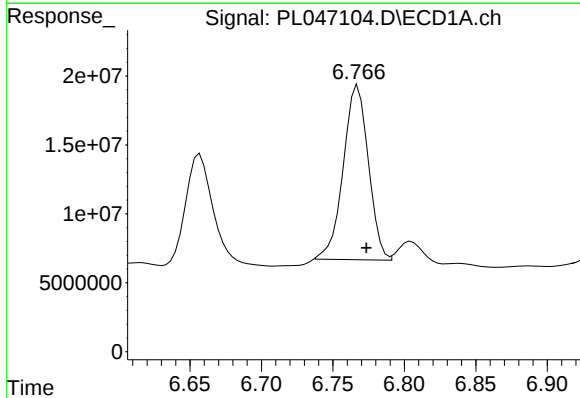
#19 Endosulfan Sulfate

R.T.: 7.236 min

Delta R.T.: -0.006 min

Response: 101766343

Conc: 43.14 ng/ml



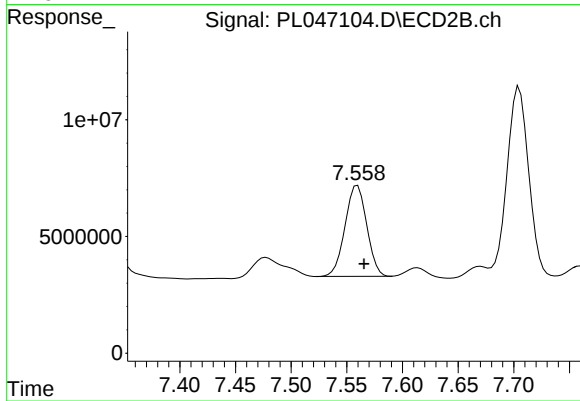
#20 Methoxychlor

R.T.: 6.768 min

Delta R.T.: -0.006 min

Response: 154954379

Conc: 36.46 ng/ml



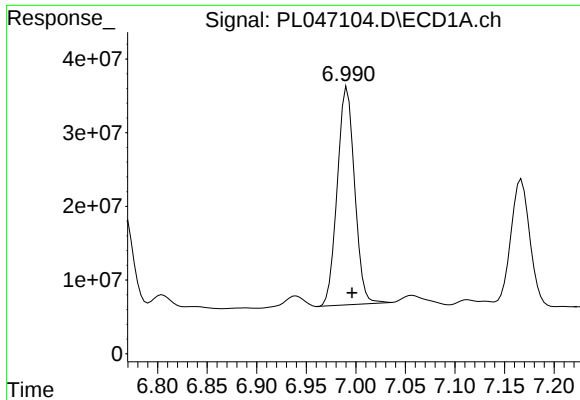
#20 Methoxychlor

R.T.: 7.560 min

Delta R.T.: -0.006 min

Response: 52986816

Conc: 41.57 ng/ml



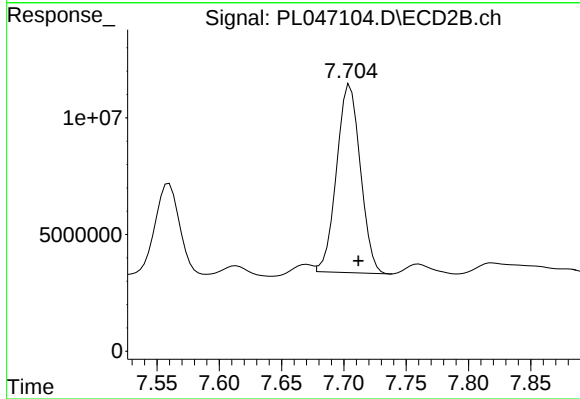
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 359257310
Conc: 38.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

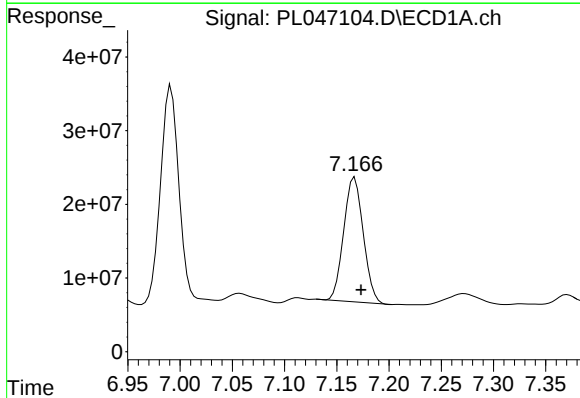
Manual Integrations
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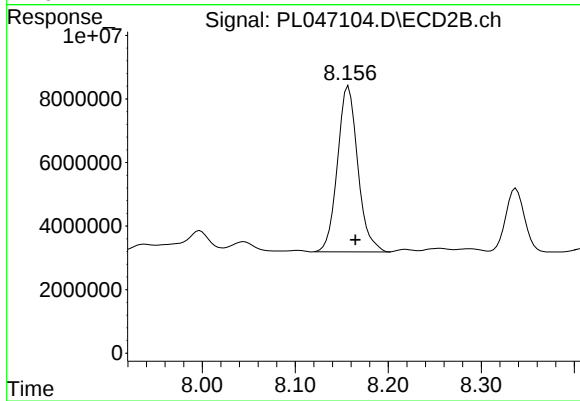
#21 Endrin ketone

R.T.: 7.705 min
Delta R.T.: -0.007 min
Response: 107441946
Conc: 43.24 ng/ml



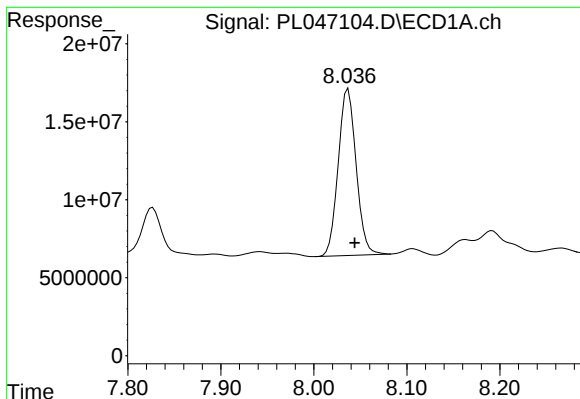
#22 Mirex

R.T.: 7.167 min
Delta R.T.: -0.006 min
Response: 220275550
Conc: 30.23 ng/ml



#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.008 min
Response: 79130989
Conc: 39.56 ng/ml



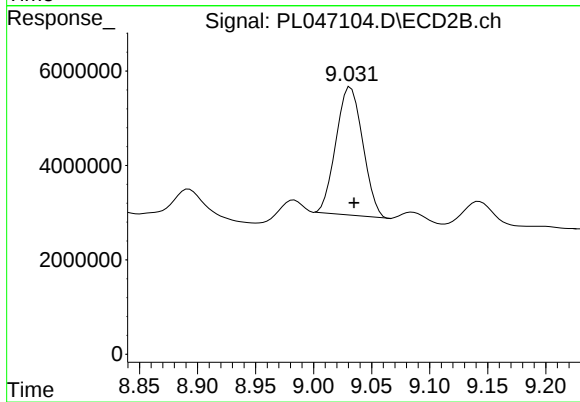
#28 Decachlorobiphenyl

R.T.: 8.037 min
Delta R.T.: -0.007 min
Response: 143100772
Conc: 17.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HA-040519MS

Manual Integrations
APPROVED

mohammad
4/10/2019 3:41:03 PM



#28 Decachlorobiphenyl

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 43625535
Conc: 18.82 ng/ml