

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031119\
 Data File : PL045667.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2019 14:27
 Operator : AJ\SJ
 Sample : K1817-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-028-B011-030619MSD

Manual Integrations
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 3/12/2019 9:30:47 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 01:07:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.363	3.981	144.6E6	45179248	21.019	21.097
2)	SA Decachlor...	8.046	9.039	161.2E6	46737609	19.262	20.455
Target Compounds							
2)	A alpha-BHC	3.793	4.371	604.6E6	164.7E6	54.432	54.207
3)	MA gamma-BHC...	4.070	4.656	554.8E6	150.9E6	54.890	53.426
4)	MA Heptachlor	4.358	5.163	569.9E6	155.5E6	54.007	52.282
5)	MB Aldrin	4.598	5.467	529.7E6	143.9E6	54.456	53.285
6)	B beta-BHC	4.323	4.828	221.7E6	67686802	51.727	53.299
7)	B delta-BHC	4.519	5.044	485.6E6	106.5E6	50.804	49.535
8)	B Heptachlo...	5.036	5.853	492.4E6	124.2E6	52.757	51.694
9)	A Endosulfan I	5.368	6.210	450.4E6	120.8E6	50.394	48.510
10)	B gamma-Chl...	5.259	6.088	518.8E6	137.4E6	53.010	51.208
11)	B alpha-Chl...	5.316	6.160	508.0E6	136.5E6	52.392	50.609
12)	B 4,4'-DDE	5.483	6.318	489.3E6	126.6E6	55.742	54.215
13)	MA Dieldrin	5.608	6.467	507.4E6	130.4E6	53.088	50.758
14)	MA Endrin	5.861	6.684	422.8E6	102.0E6	46.943	44.846
15)	B Endosulfa...	6.136	6.895	410.9E6	109.1E6	47.401	46.389
16)	A 4,4'-DDD	5.994	6.808	373.7E6	97992673	51.037	50.956
17)	MA 4,4'-DDT	6.230	7.106	406.5E6	100.7E6	54.204	51.017
18)	B Endrin al...	6.303	7.019	306.4E6	83553488	41.914	40.873
19)	B Endosulfa...	6.514	7.239	347.0E6	123.4E6	42.690	54.836m#
20)	A Methoxychlor	6.775	7.565	185.3E6	52518661	42.204	42.788
21)	B Endrin ke...	6.998	7.711	435.5E6	111.0E6	47.275	46.679
22)	Mirex	7.175	8.164	344.9E6	91736138	46.357	46.060

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031119\
Data File : PL045667.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2019 14:27
Operator : AJ\SJ
Sample : K1817-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

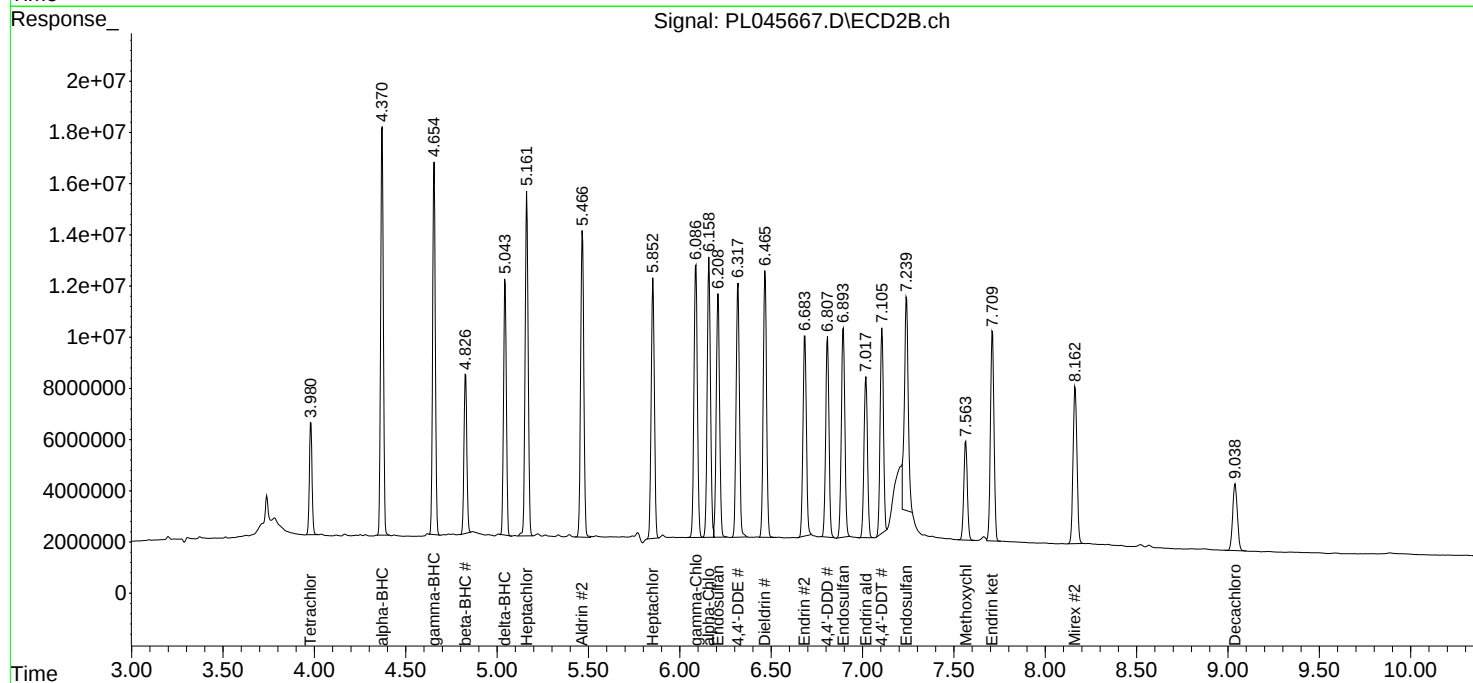
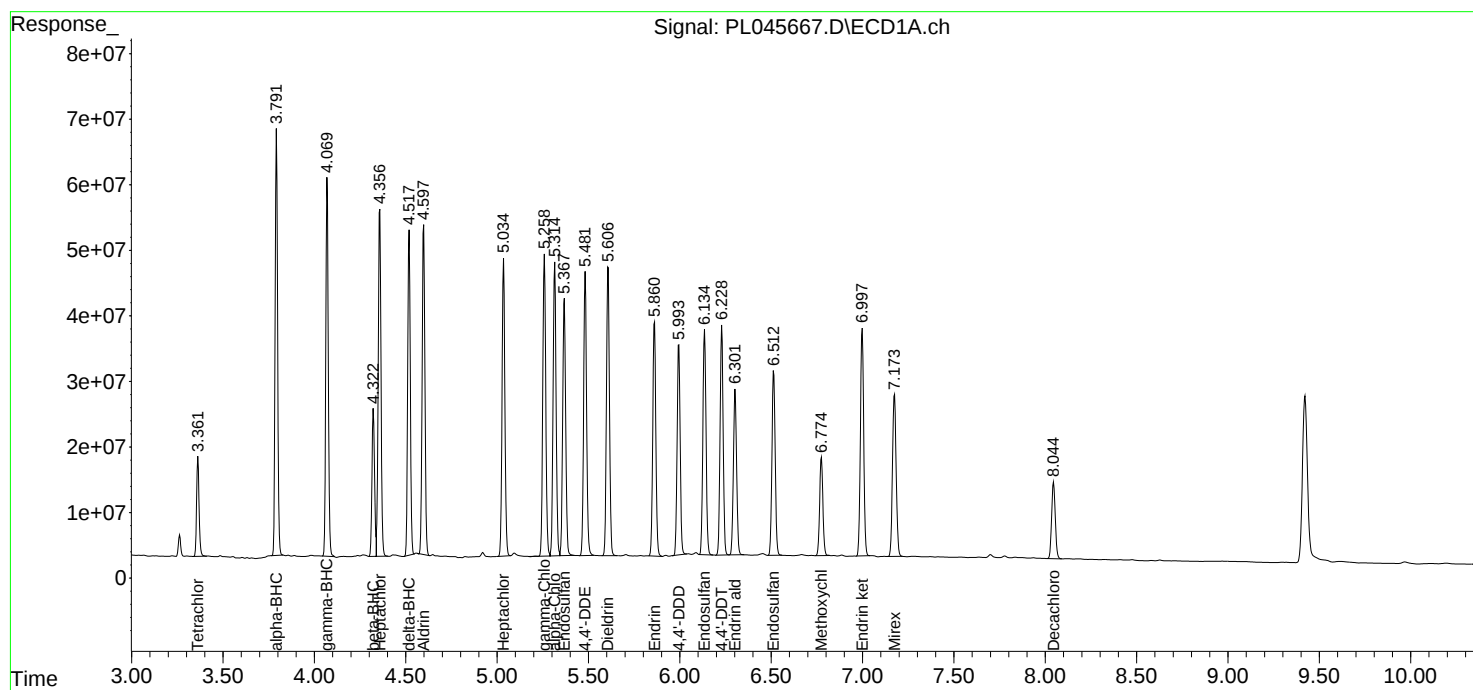
Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

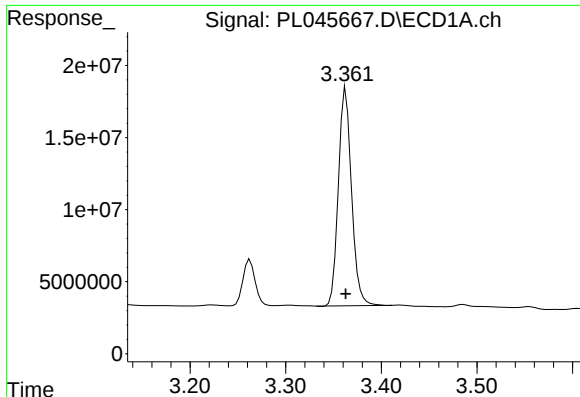
Manual Integrations
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3/12/2019 9:30:47 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:07:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





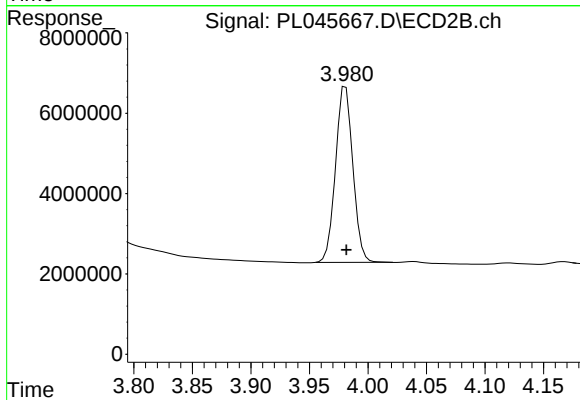
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 144598863
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

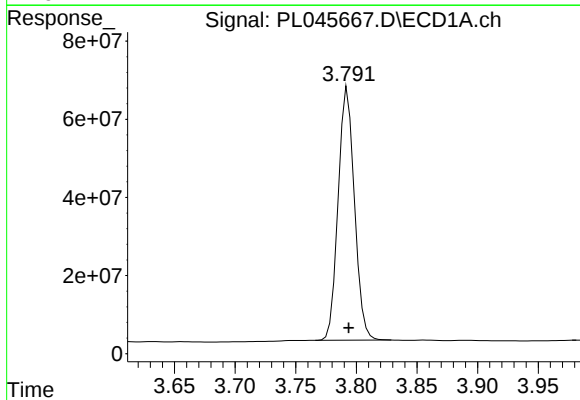
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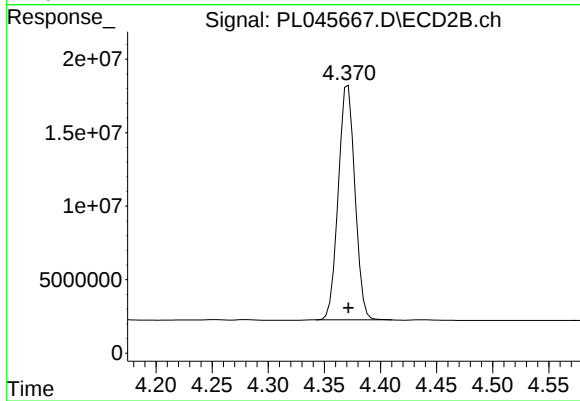
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 45179248
Conc: 21.10 ng/ml



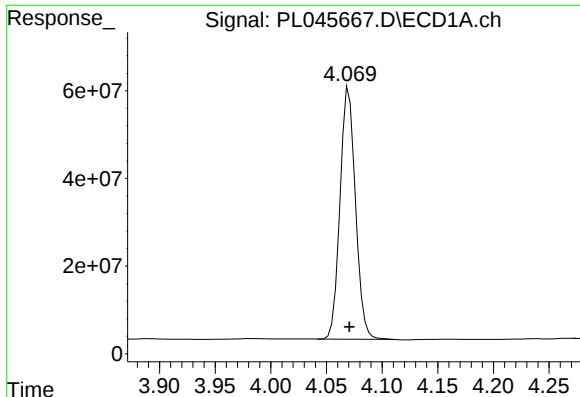
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 604594236
Conc: 54.43 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 164715665
Conc: 54.21 ng/ml



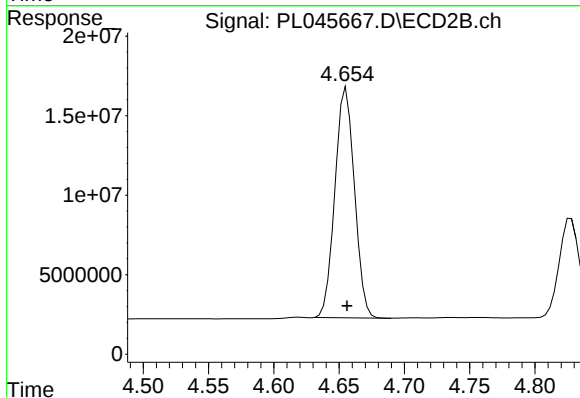
#3 gamma-BHC (Lindane)

R.T.: 4.070 min
Delta R.T.: 0.000 min
Response: 554781371
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

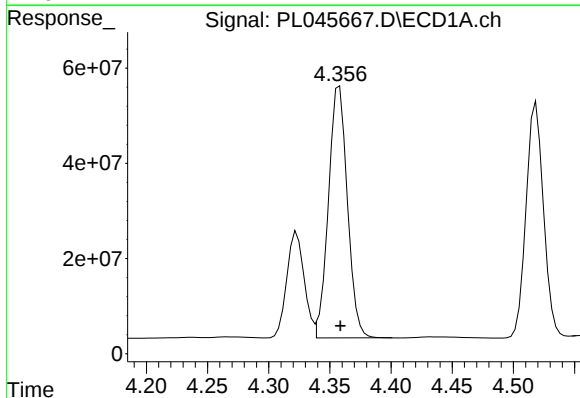
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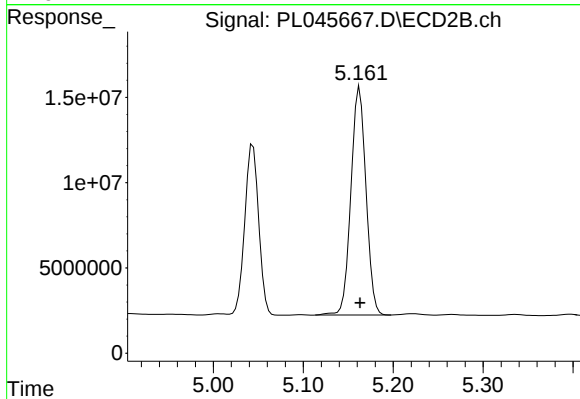
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 150908230
Conc: 53.43 ng/ml



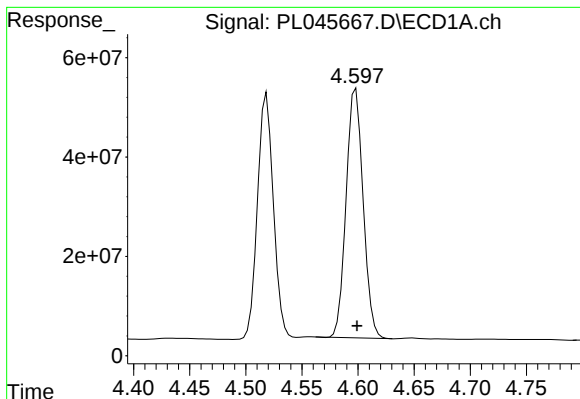
#4 Heptachlor

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 569897236
Conc: 54.01 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 155536389
Conc: 52.28 ng/ml



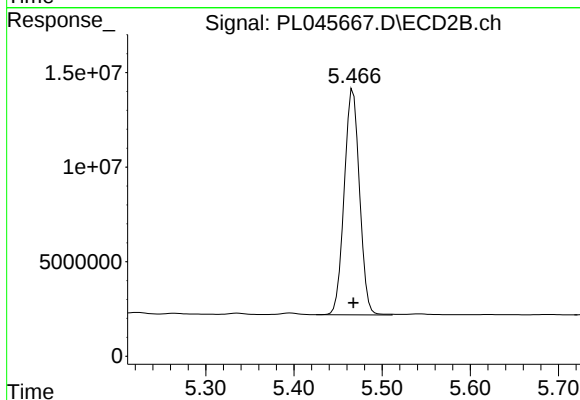
#5 Aldrin

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 529656931
Conc: 54.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

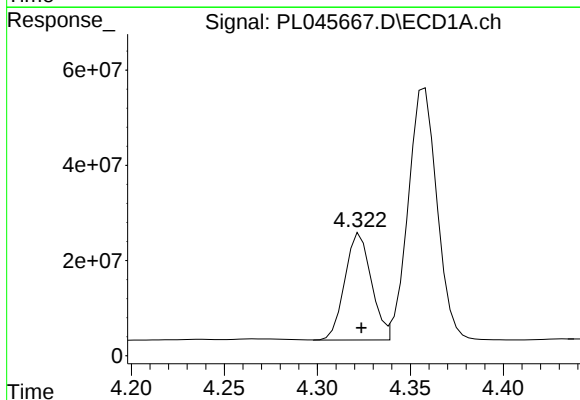
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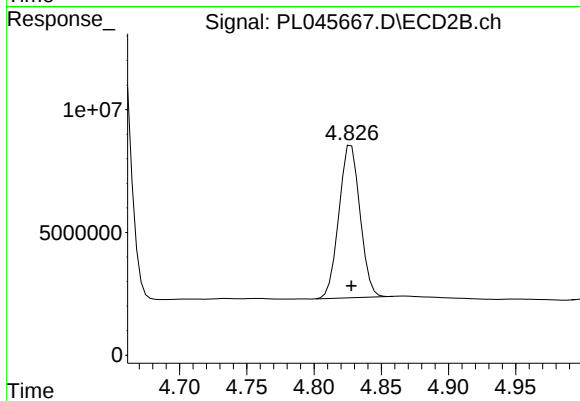
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 143919086
Conc: 53.28 ng/ml



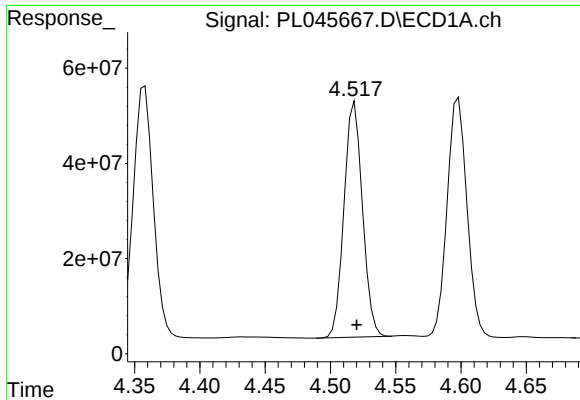
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 221704590
Conc: 51.73 ng/ml



#6 beta-BHC

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 67686802
Conc: 53.30 ng/ml



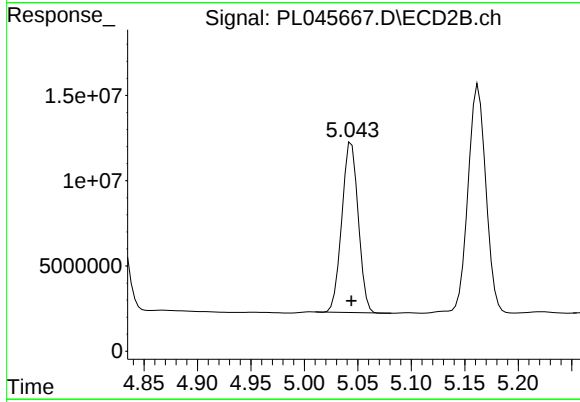
#7 delta-BHC

R.T.: 4.519 min
Delta R.T.: -0.001 min
Response: 485576254
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

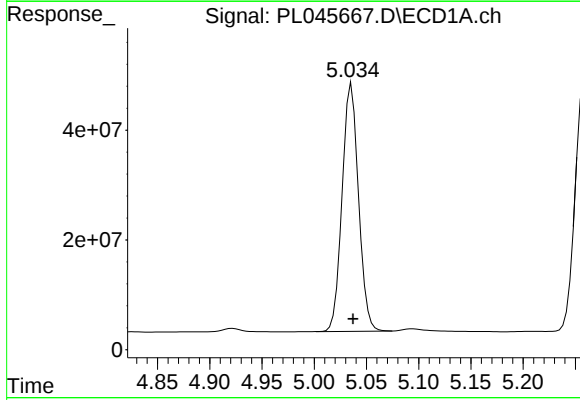
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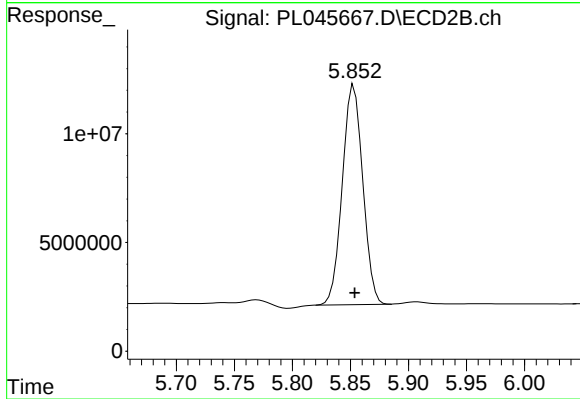
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 106545140
Conc: 49.54 ng/ml



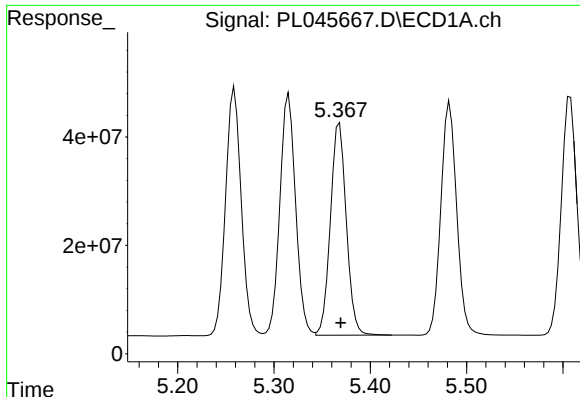
#8 Heptachlor epoxide

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 492390602
Conc: 52.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 124164590
Conc: 51.69 ng/ml



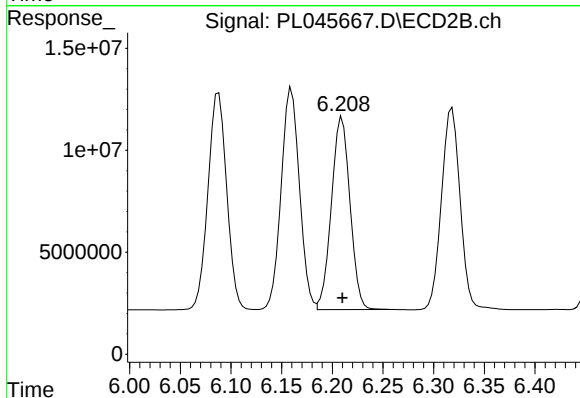
#9 Endosulfan I

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 450437971
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

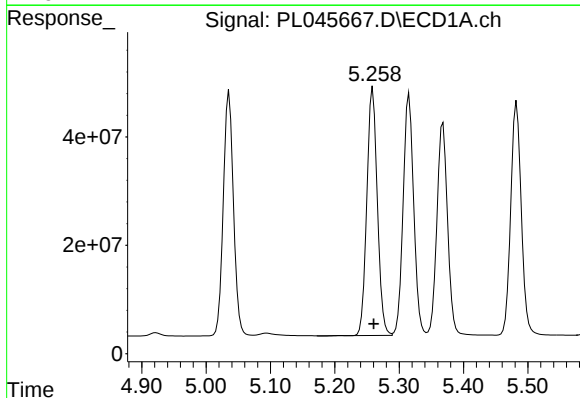
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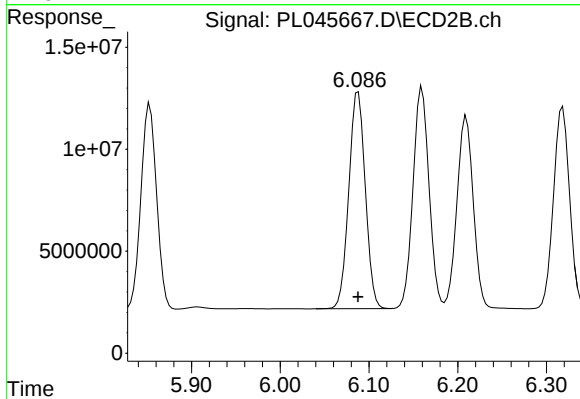
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 120802334
Conc: 48.51 ng/ml



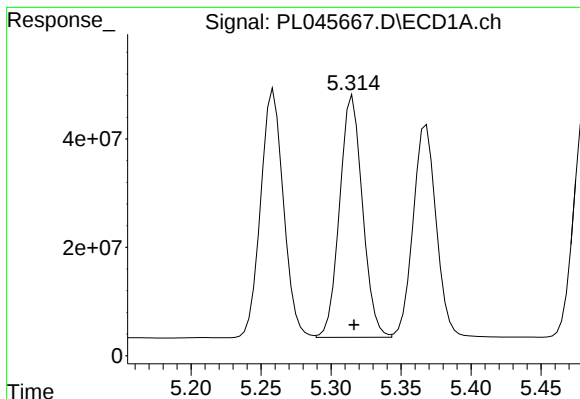
#10 gamma-Chlordane

R.T.: 5.259 min
Delta R.T.: -0.002 min
Response: 518806055
Conc: 53.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 137386577
Conc: 51.21 ng/ml



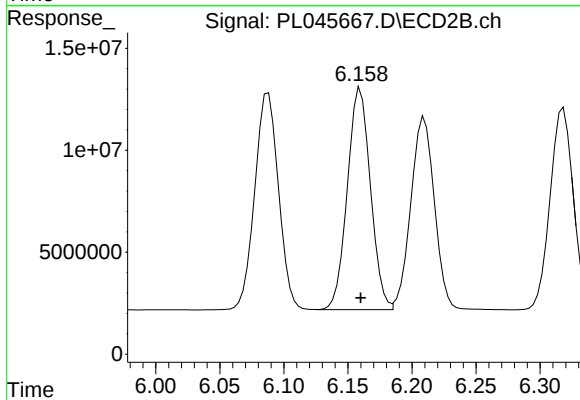
#11 alpha-Chlordane

R.T.: 5.316 min
Delta R.T.: -0.001 min
Response: 508046819
Conc: 52.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

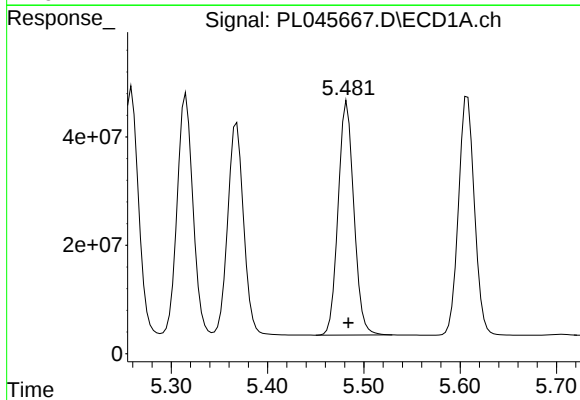
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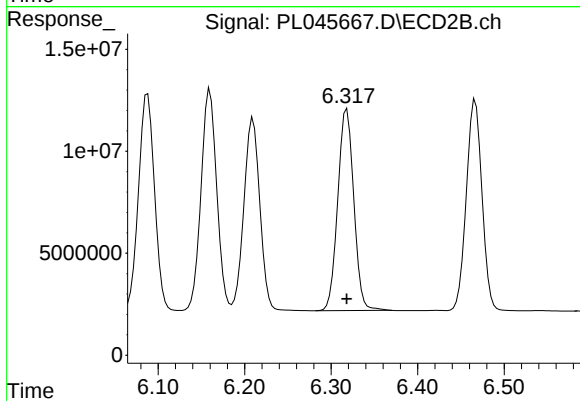
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 136527745
Conc: 50.61 ng/ml



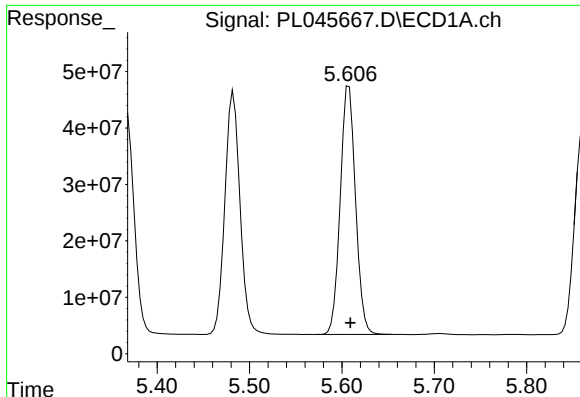
#12 4,4'-DDE

R.T.: 5.483 min
Delta R.T.: -0.001 min
Response: 489312539
Conc: 55.74 ng/ml



#12 4,4'-DDE

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 126641311
Conc: 54.22 ng/ml



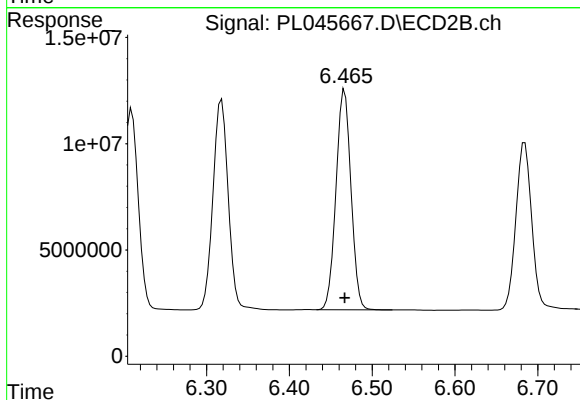
#13 Dieldrin

R.T.: 5.608 min
Delta R.T.: -0.002 min
Response: 507412823
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

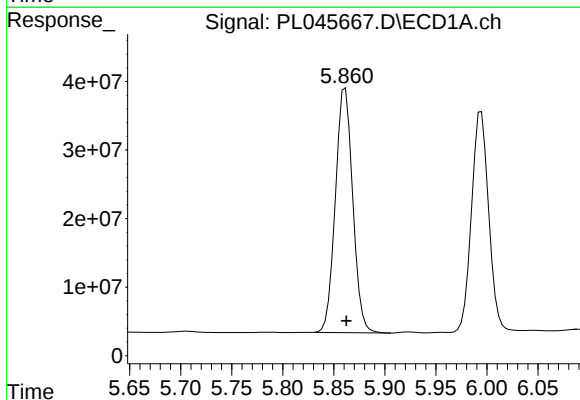
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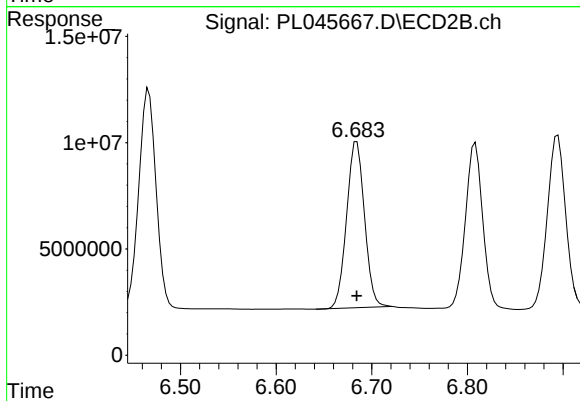
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 130434896
Conc: 50.76 ng/ml



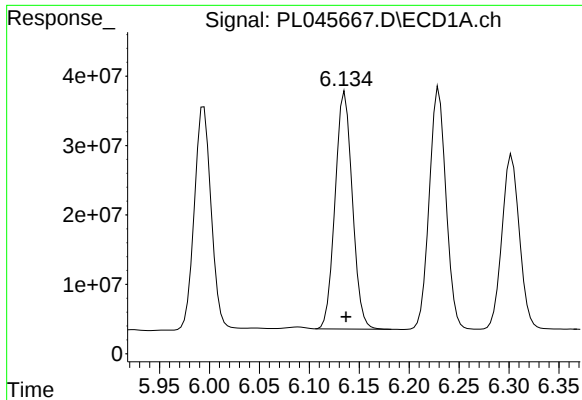
#14 Endrin

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 422752347
Conc: 46.94 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 102036651
Conc: 44.85 ng/ml



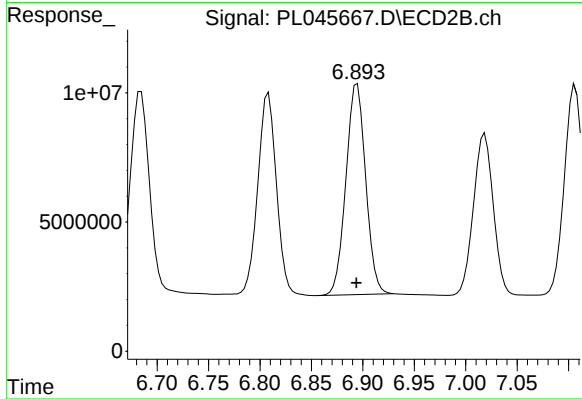
#15 Endosulfan II

R.T.: 6.136 min
Delta R.T.: -0.001 min
Response: 410895733
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

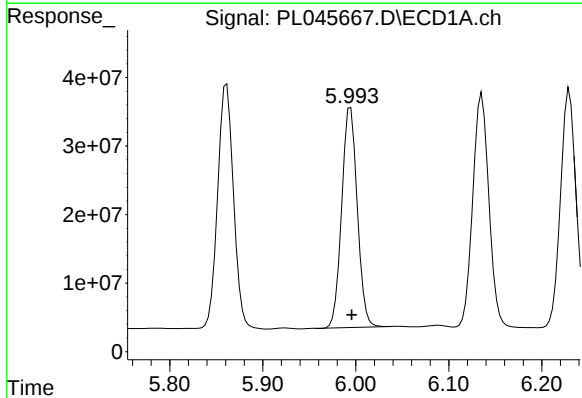
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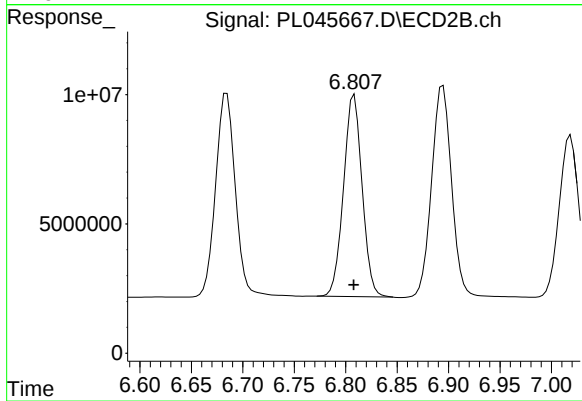
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 109088895
Conc: 46.39 ng/ml



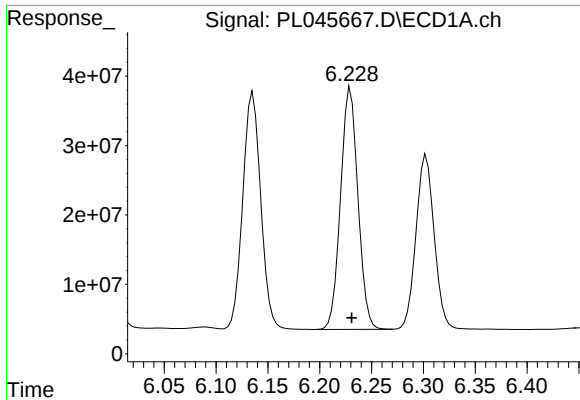
#16 4,4'-DDD

R.T.: 5.994 min
Delta R.T.: -0.001 min
Response: 373680833
Conc: 51.04 ng/ml



#16 4,4'-DDD

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 97992673
Conc: 50.96 ng/ml



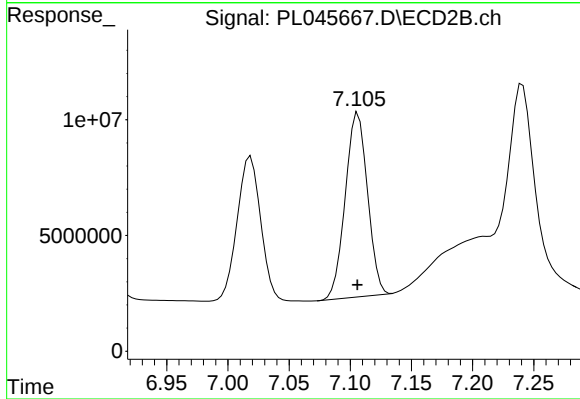
#17 4,4'-DDT

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 406539413
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

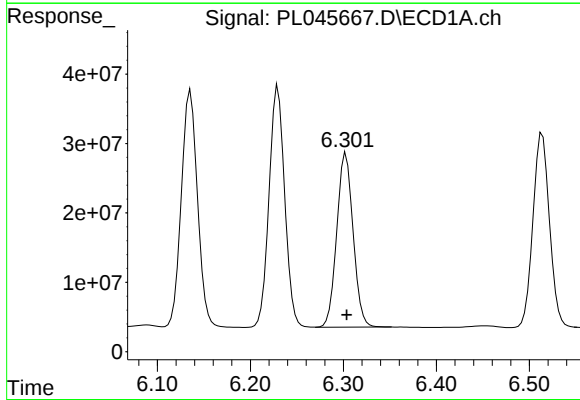
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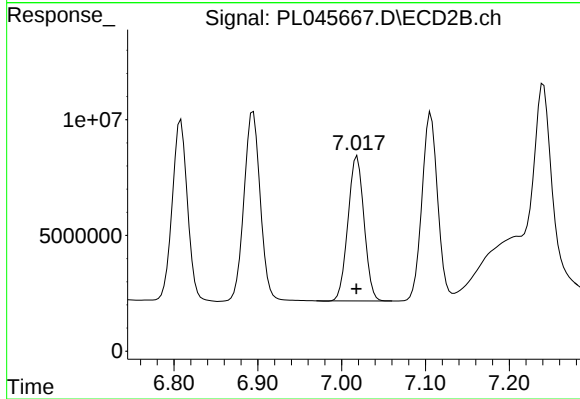
#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 100680237
Conc: 51.02 ng/ml



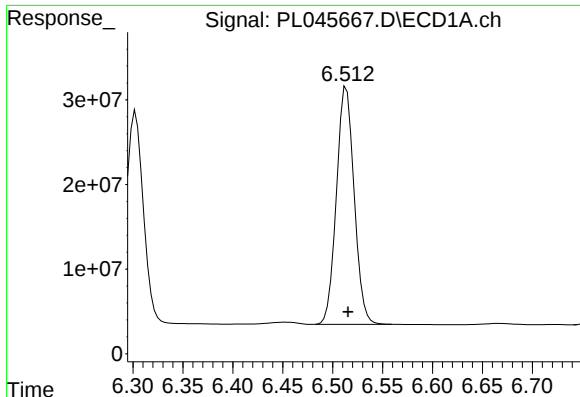
#18 Endrin aldehyde

R.T.: 6.303 min
Delta R.T.: -0.001 min
Response: 306375195
Conc: 41.91 ng/ml



#18 Endrin aldehyde

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 83553488
Conc: 40.87 ng/ml



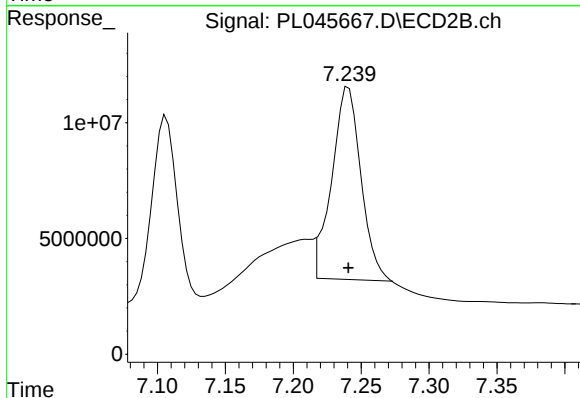
#19 Endosulfan Sulfate

R.T.: 6.514 min
Delta R.T.: -0.002 min
Response: 346991137
Conc: 42.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

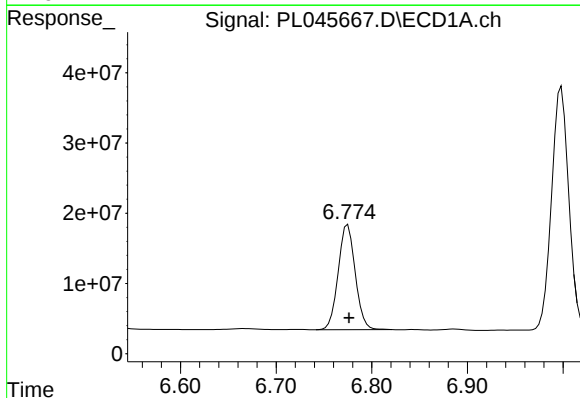
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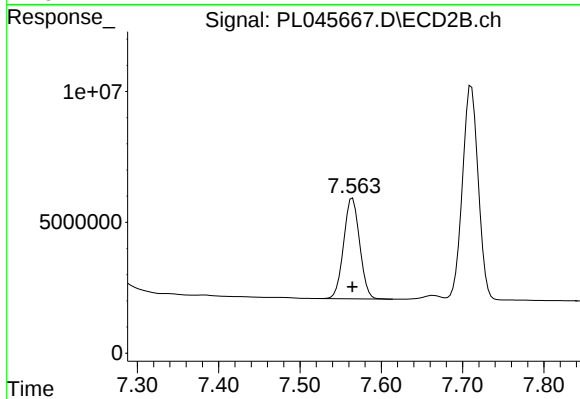
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.001 min
Response: 123353156
Conc: 54.84 ng/ml m



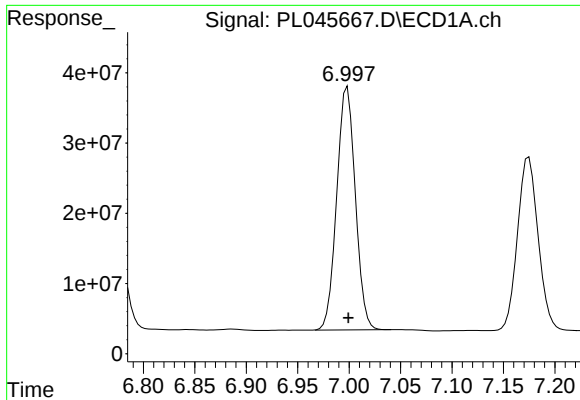
#20 Methoxychlor

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 185347987
Conc: 42.20 ng/ml



#20 Methoxychlor

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 52518661
Conc: 42.79 ng/ml



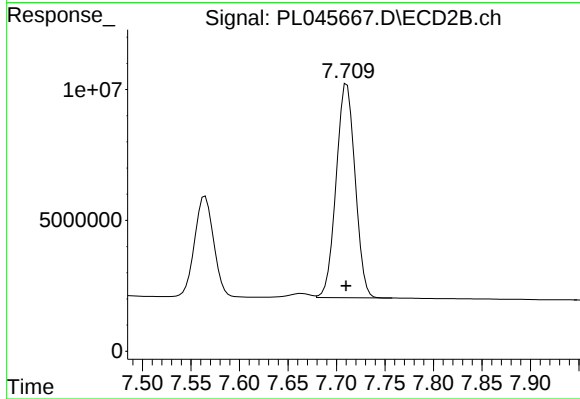
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 435532326
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

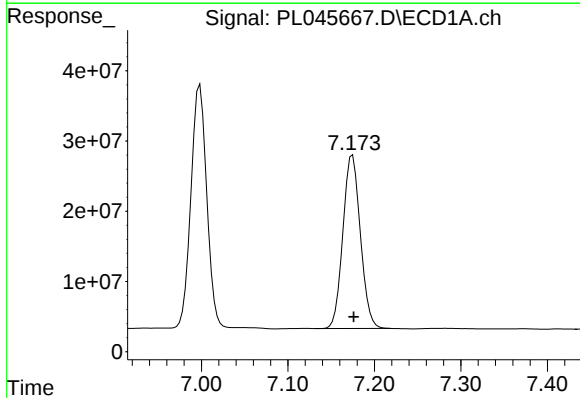
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:47 AM



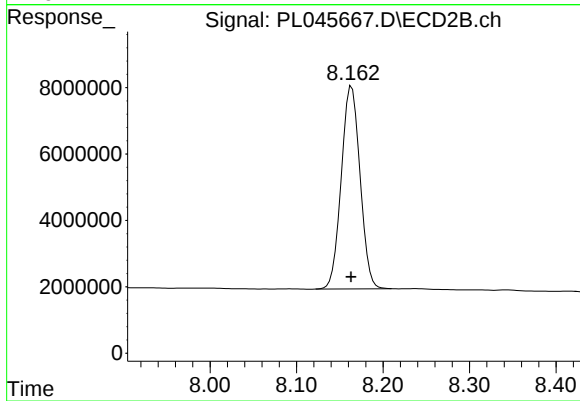
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.000 min
Response: 111020416
Conc: 46.68 ng/ml



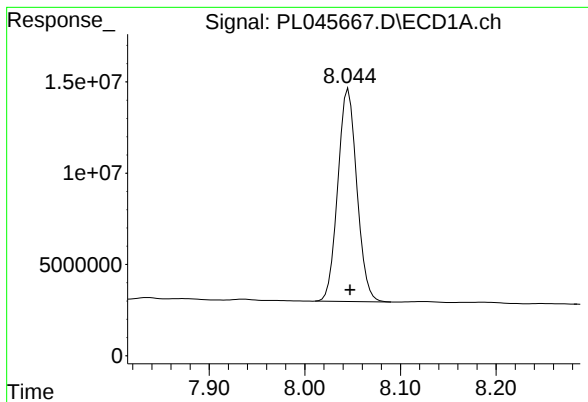
#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 344898985
Conc: 46.36 ng/ml



#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 91736138
Conc: 46.06 ng/ml



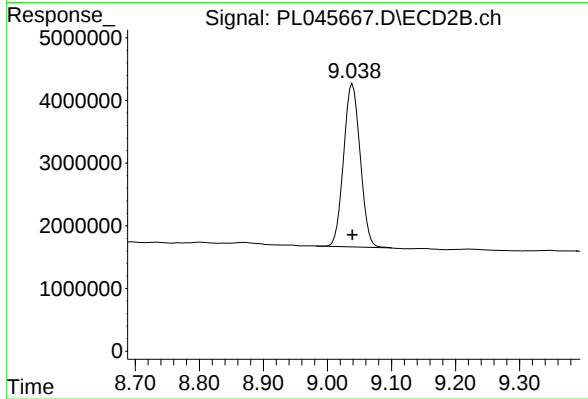
#28 Decachlorobiphenyl

R.T.: 8.046 min
Delta R.T.: -0.002 min
Response: 161175663
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MSD

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#28 Decachlorobiphenyl

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 46737609
Conc: 20.45 ng/ml