

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
 Data File : PL045909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2019 13:29
 Operator : AJ\SJ
 Sample : K1861-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BF-06-031119MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 01:07:42 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...	3.362	3.980	147.1E6	46590311	21.376	21.756
28)	SA Decachlor...	8.043	9.037	157.2E6	45871484	18.787	20.076
Target Compounds							
2)	A alpha-BHC	3.792	4.370	585.6E6	168.5E6	52.721	55.468
3)	MA gamma-BHC...	4.069	4.655	546.3E6	155.1E6	54.056	54.927
4)	MA Heptachlor	4.357	5.162	559.2E6	162.3E6	52.994	54.545
5)	MB Aldrin	4.597	5.466	518.7E6	147.9E6	53.325	54.756
6)	B beta-BHC	4.322	4.827	222.9E6	70592185	52.007	55.586
7)	B delta-BHC	4.517	5.043	521.8E6	115.2E6	54.594	53.547
8)	B Heptachlor...	5.034	5.851	494.4E6	129.8E6	52.968	54.055
9)	A Endosulfan I	5.366	6.208	471.9E6	133.3E6	52.790	53.537
10)	B gamma-Chl...	5.257	6.086	514.0E6	144.9E6	52.515	54.019
11)	B alpha-Chl...	5.314	6.158	508.4E6	144.9E6	52.432	53.728
12)	B 4,4'-DDE	5.481	6.316	471.8E6	128.8E6	53.749	55.121
13)	MA Dieldrin	5.606	6.465	511.6E6	139.4E6	53.530	54.258
14)	MA Endrin	5.860	6.682	463.0E6	117.8E6	51.410	51.772
15)	B Endosulfa...	6.133	6.893	450.0E6	125.3E6	51.910	53.294
16)	A 4,4'-DDD	5.993	6.807	396.8E6	109.2E6	54.188	56.809
17)	MA 4,4'-DDT	6.228	7.104	366.3E6	101.2E6	48.842	51.270
18)	B Endrin al...	6.301	7.017	367.0E6	104.5E6	50.212	51.129
19)	B Endosulfa...	6.512	7.238	417.4E6	134.0E6	51.347	59.577m
20)	A Methoxychlor	6.772	7.564	203.9E6	61210703	46.435	49.870
21)	B Endrin ke...	6.995	7.709	482.5E6	130.6E6	52.370	54.914
22)	Mirex	7.172	8.162	352.0E6	102.3E6	47.305	51.357

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031419\
Data File : PL045909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2019 13:29
Operator : AJ\SJ
Sample : K1861-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

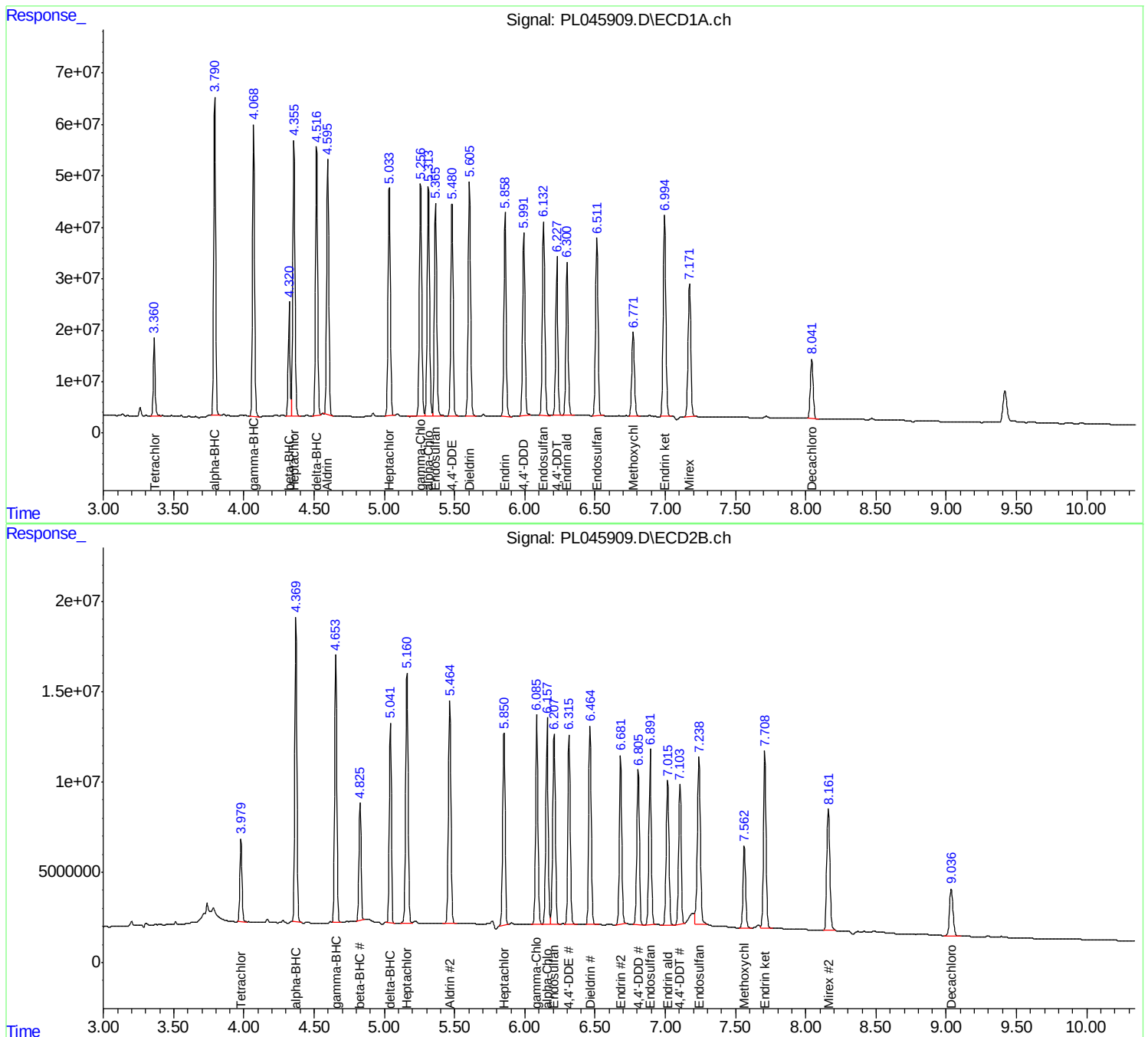
Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

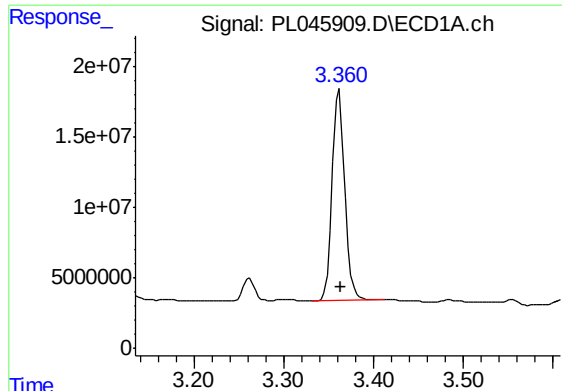
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 15 01:07:42 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 2019
Response via : Initial Calibration
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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





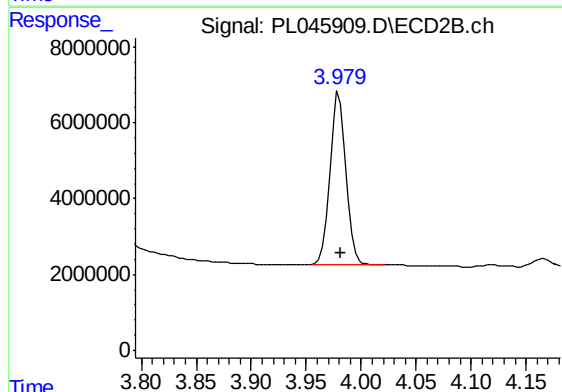
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: -0.001 min
Response: 147054210
Conc: 21.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

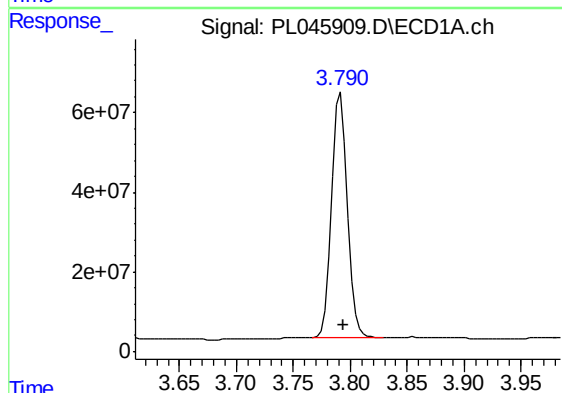
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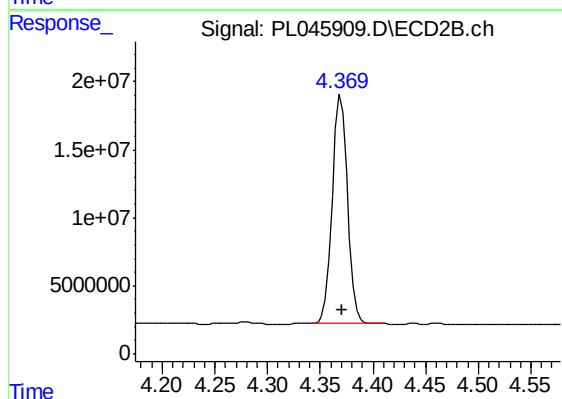
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 46590311
Conc: 21.76 ng/ml



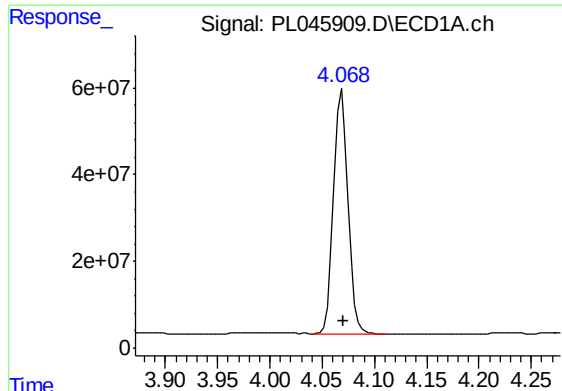
#2 alpha-BHC

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 585591008
Conc: 52.72 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: -0.001 min
Response: 168548442
Conc: 55.47 ng/ml



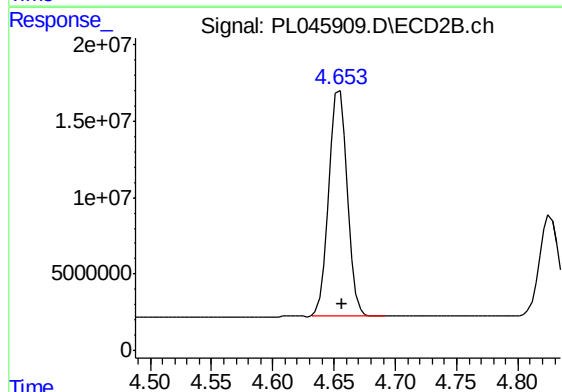
#3 gamma-BHC (Lindane)

R.T.: 4.069 min
Delta R.T.: -0.002 min
Response: 546348908
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

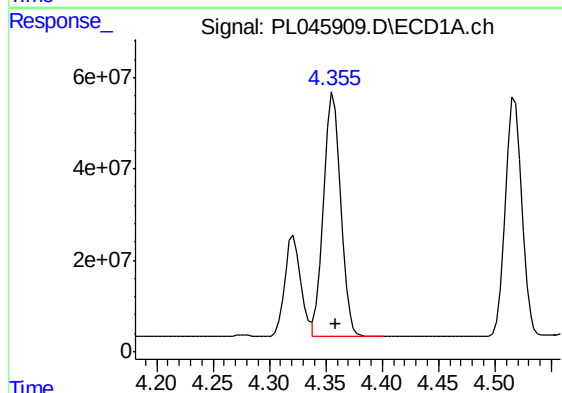
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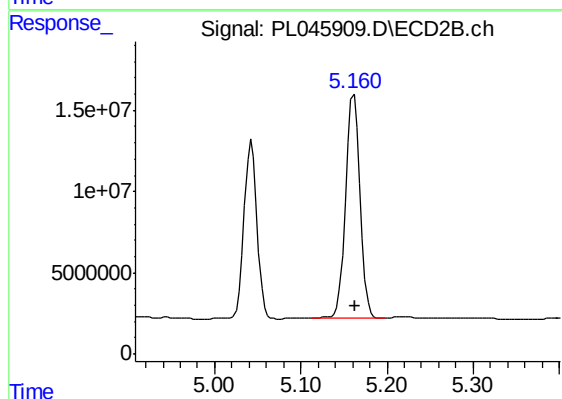
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: -0.002 min
Response: 155148683
Conc: 54.93 ng/ml



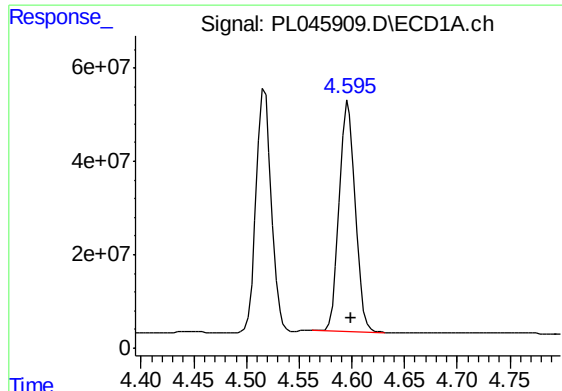
#4 Heptachlor

R.T.: 4.357 min
Delta R.T.: -0.002 min
Response: 559211065
Conc: 52.99 ng/ml



#4 Heptachlor

R.T.: 5.162 min
Delta R.T.: -0.002 min
Response: 162267270
Conc: 54.54 ng/ml



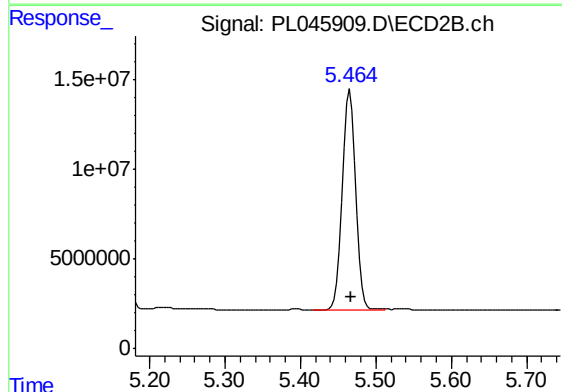
#5 Aldrin

R.T.: 4.597 min
Delta R.T.: -0.003 min
Response: 518664001
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

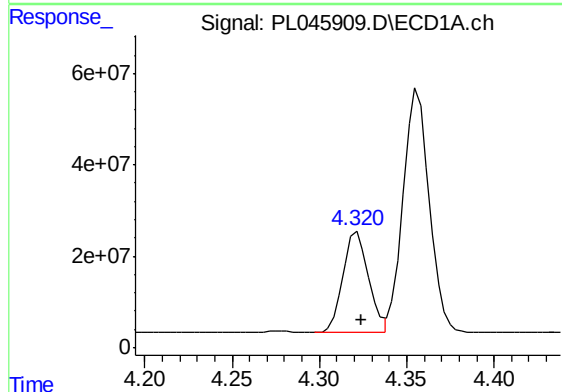
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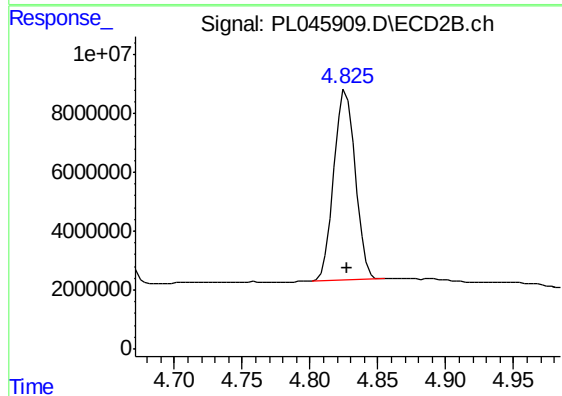
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 147894217
Conc: 54.76 ng/ml



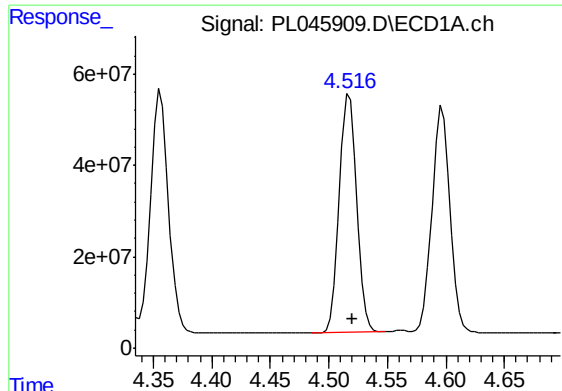
#6 beta-BHC

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 222905995
Conc: 52.01 ng/ml



#6 beta-BHC

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 70592185
Conc: 55.59 ng/ml



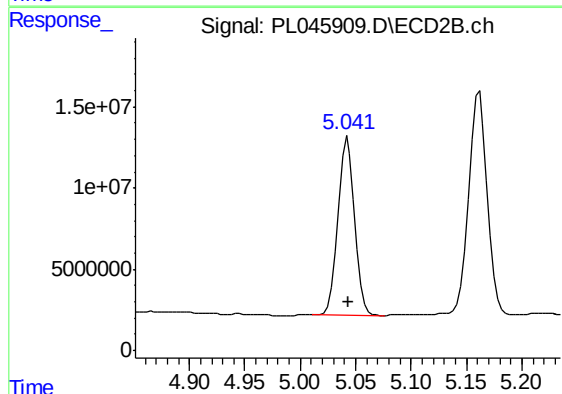
#7 delta-BHC

R.T.: 4.517 min
Delta R.T.: -0.003 min
Response: 521806107
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

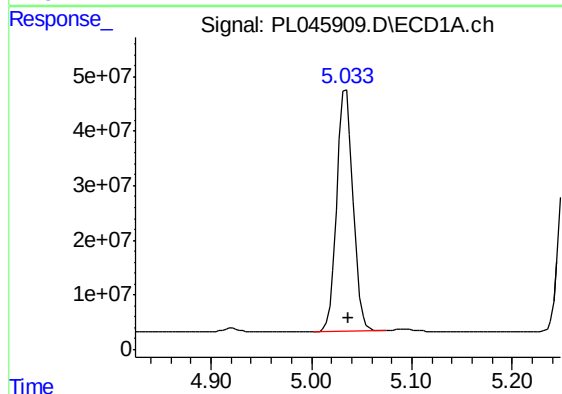
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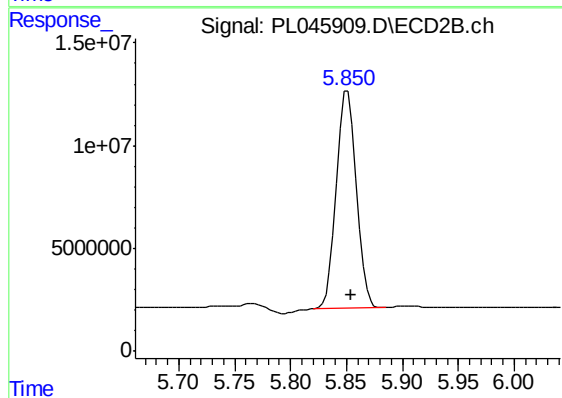
#7 delta-BHC

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 115174473
Conc: 53.55 ng/ml



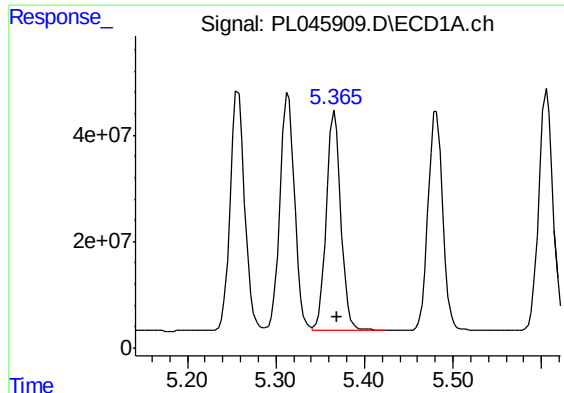
#8 Heptachlor epoxide

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 494354581
Conc: 52.97 ng/ml



#8 Heptachlor epoxide

R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 129836978
Conc: 54.06 ng/ml



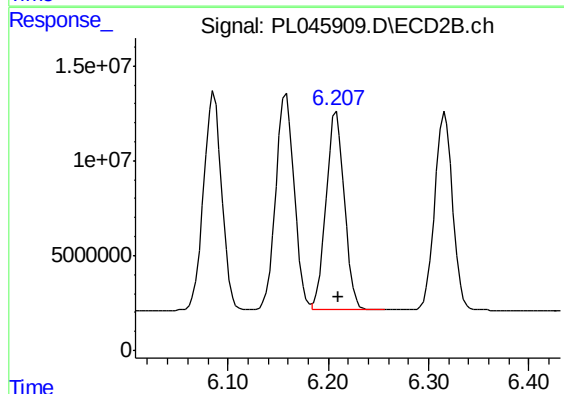
#9 Endosulfan I

R.T.: 5.366 min
Delta R.T.: -0.003 min
Response: 471853315
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

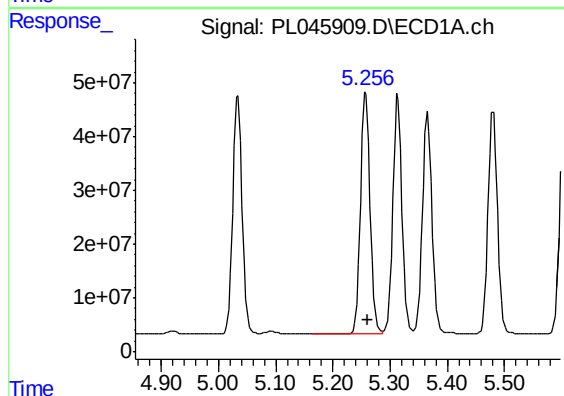
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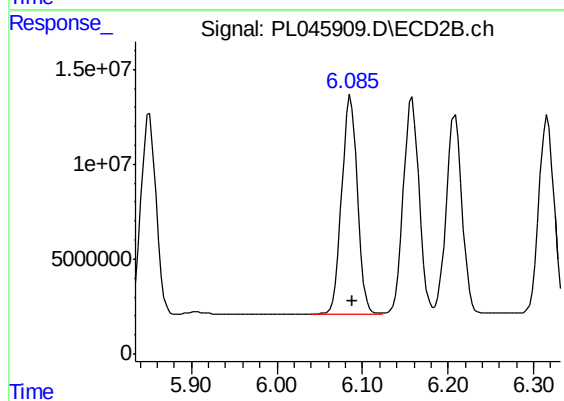
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 133321113
Conc: 53.54 ng/ml



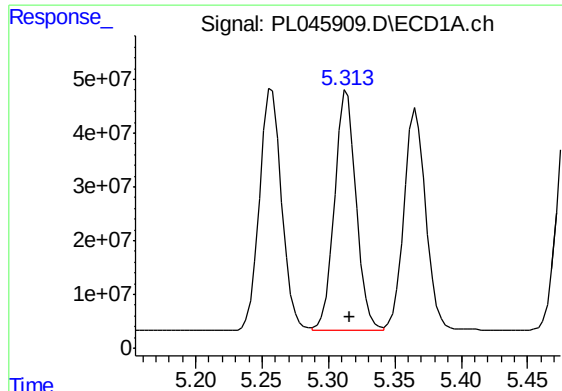
#10 gamma-Chlordane

R.T.: 5.257 min
Delta R.T.: -0.003 min
Response: 513964431
Conc: 52.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 144930063
Conc: 54.02 ng/ml



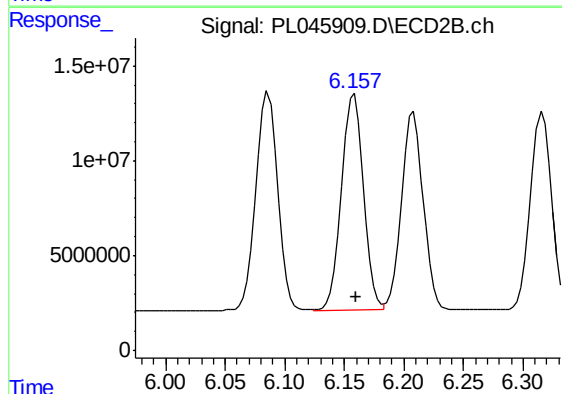
#11 alpha-Chlordane

R.T.: 5.314 min
Delta R.T.: -0.003 min
Response: 508428035
Conc: 52.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

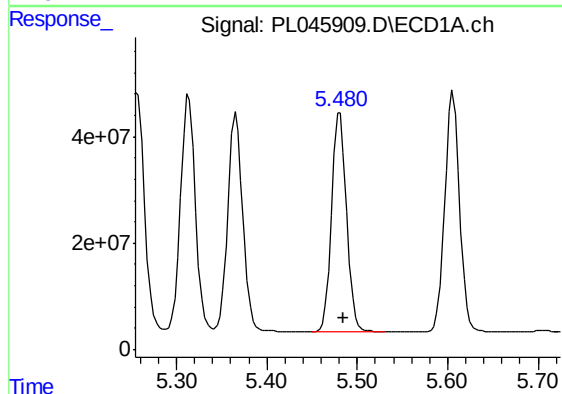
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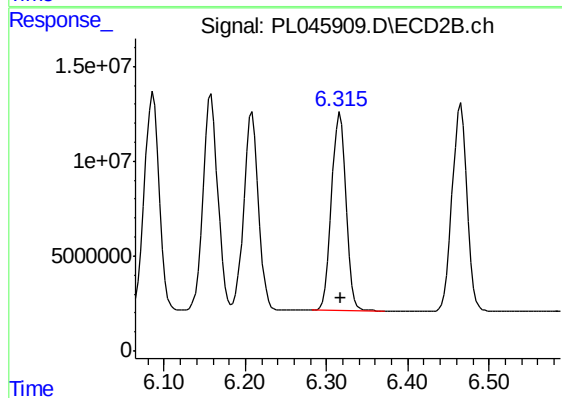
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 144942657
Conc: 53.73 ng/ml



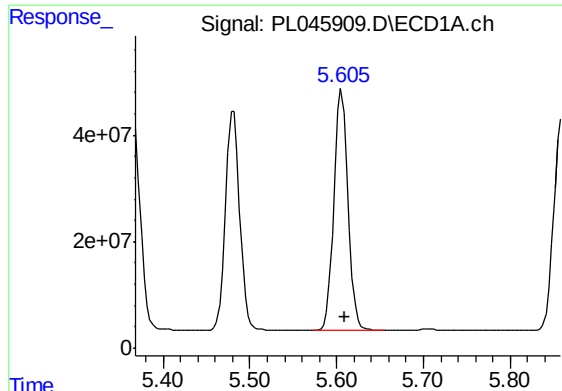
#12 4,4'-DDE

R.T.: 5.481 min
Delta R.T.: -0.003 min
Response: 471816440
Conc: 53.75 ng/ml



#12 4,4'-DDE

R.T.: 6.316 min
Delta R.T.: -0.002 min
Response: 128756153
Conc: 55.12 ng/ml



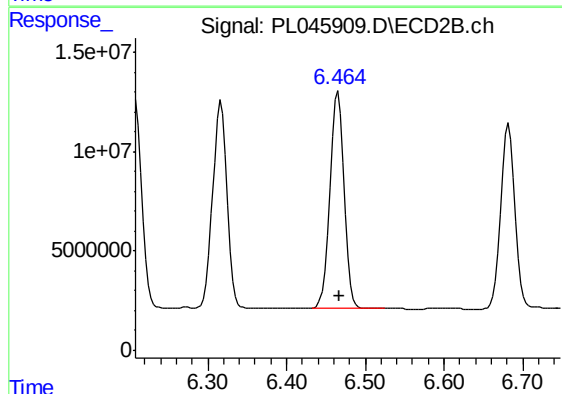
#13 Dielddrin

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 511636912
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

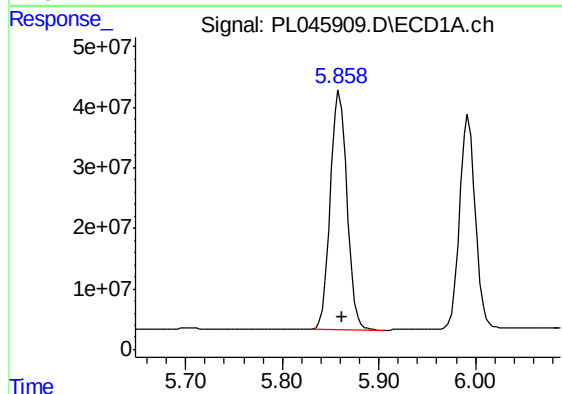
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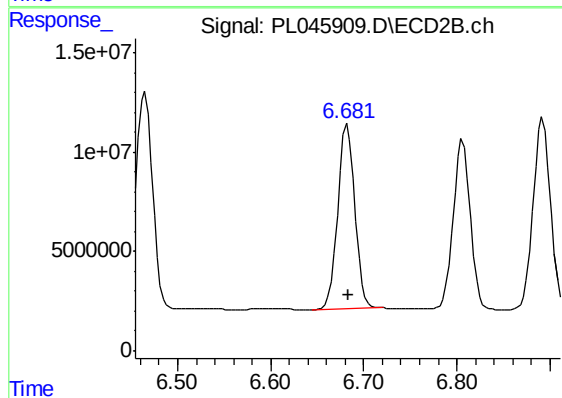
#13 Dielddrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 139429214
Conc: 54.26 ng/ml



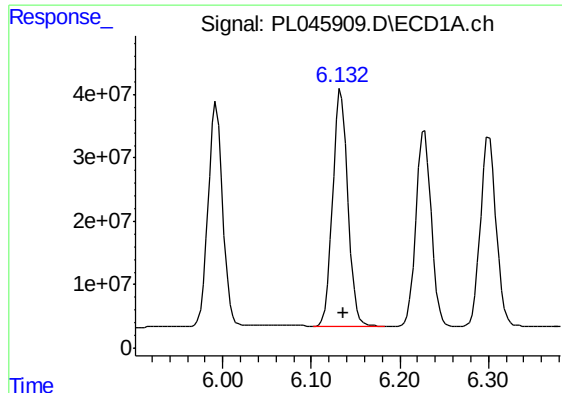
#14 Endrin

R.T.: 5.860 min
Delta R.T.: -0.003 min
Response: 462982456
Conc: 51.41 ng/ml



#14 Endrin

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 117797115
Conc: 51.77 ng/ml



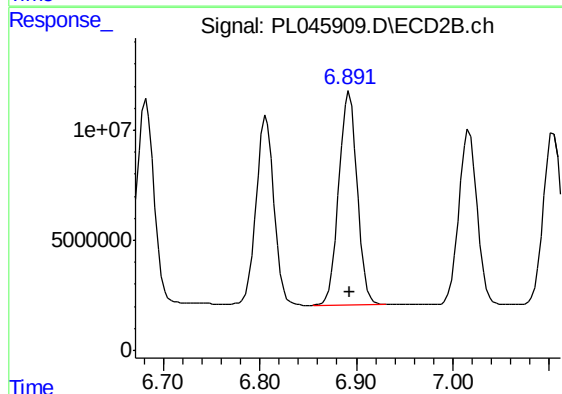
#15 Endosulfan II

R.T.: 6.133 min
Delta R.T.: -0.003 min
Response: 449990321
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

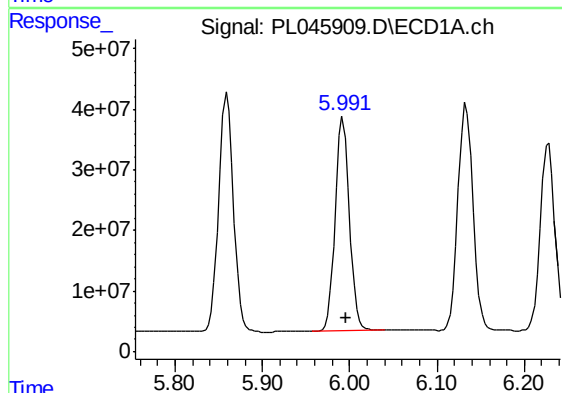
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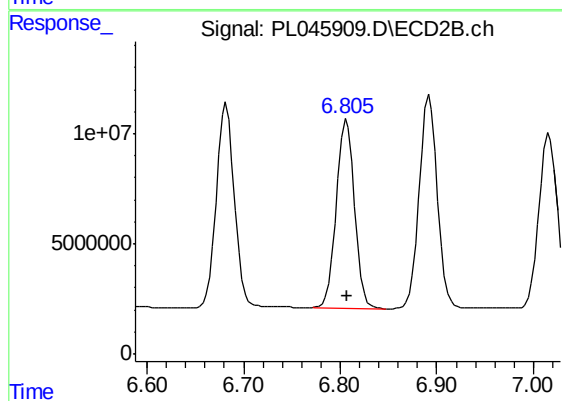
#15 Endosulfan II

R.T.: 6.893 min
Delta R.T.: -0.001 min
Response: 125328541
Conc: 53.29 ng/ml



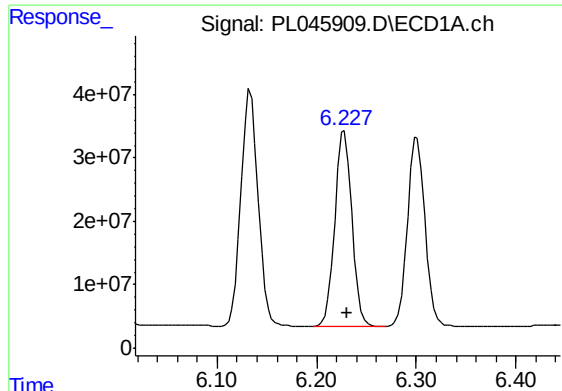
#16 4,4'-DDD

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 396751370
Conc: 54.19 ng/ml



#16 4,4'-DDD

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 109249464
Conc: 56.81 ng/ml



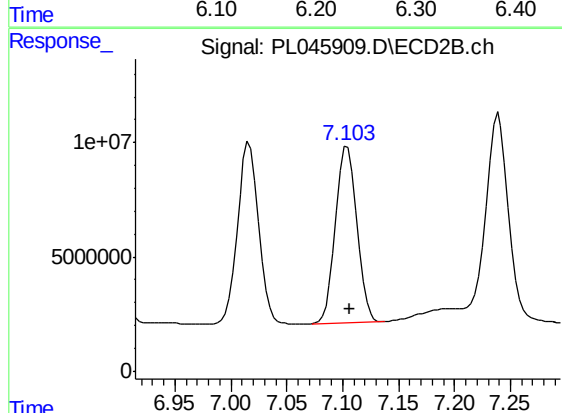
#17 4,4'-DDT

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 366317239
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

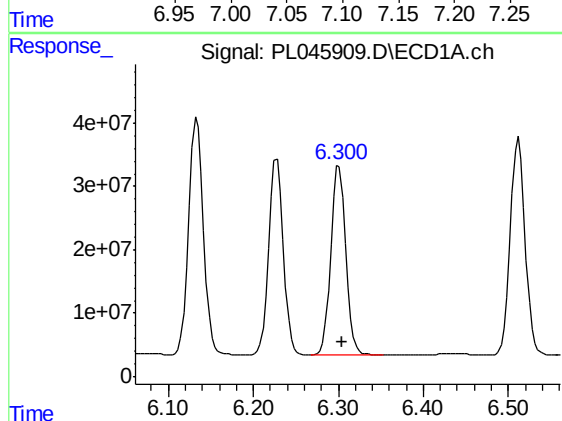
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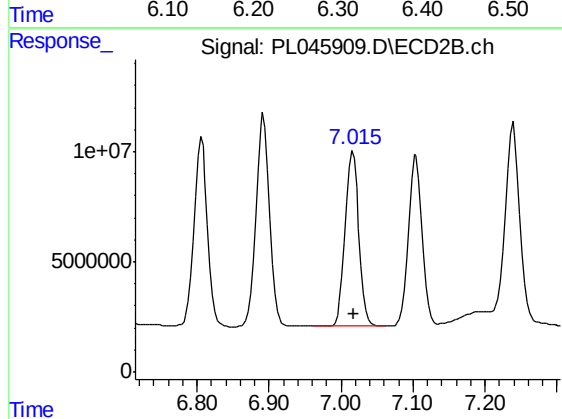
#17 4,4'-DDT

R.T.: 7.104 min
Delta R.T.: -0.002 min
Response: 101178683
Conc: 51.27 ng/ml



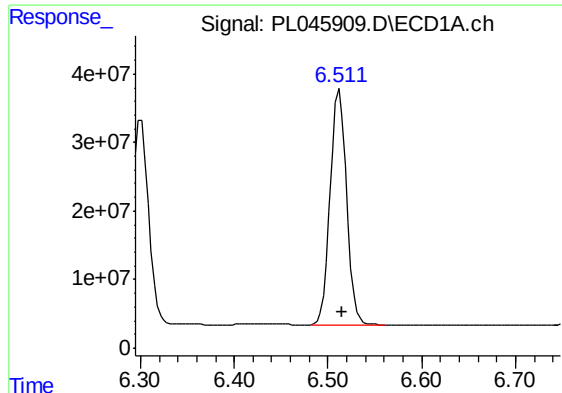
#18 Endrin aldehyde

R.T.: 6.301 min
Delta R.T.: -0.003 min
Response: 367033593
Conc: 50.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 104518703
Conc: 51.13 ng/ml



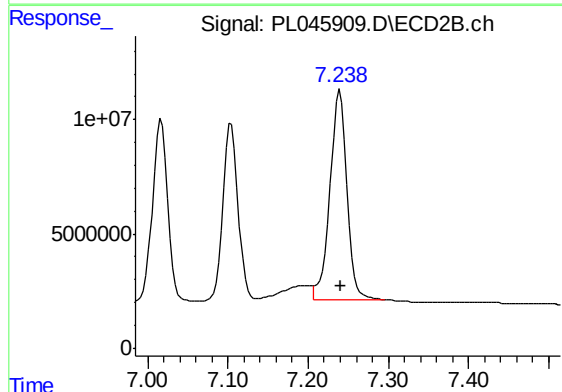
#19 Endosulfan Sulfate

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 417354943
Conc: 51.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

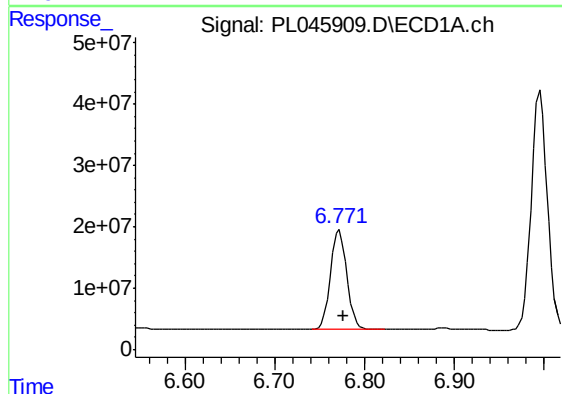
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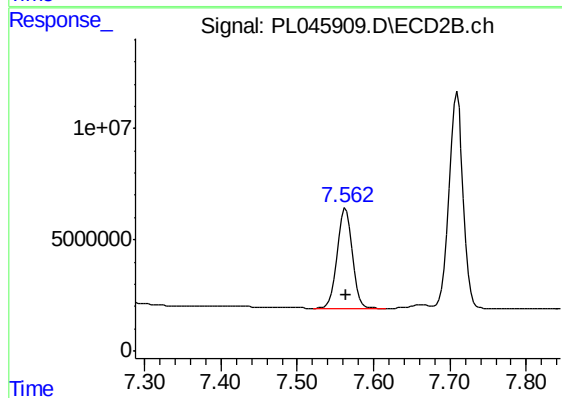
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.003 min
Response: 134019089
Conc: 59.58 ng/ml m



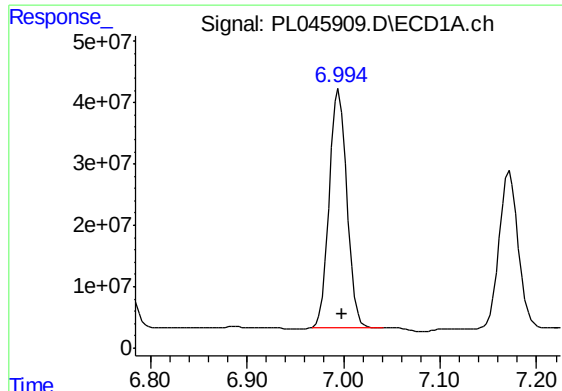
#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.004 min
Response: 203928344
Conc: 46.43 ng/ml



#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 61210703
Conc: 49.87 ng/ml



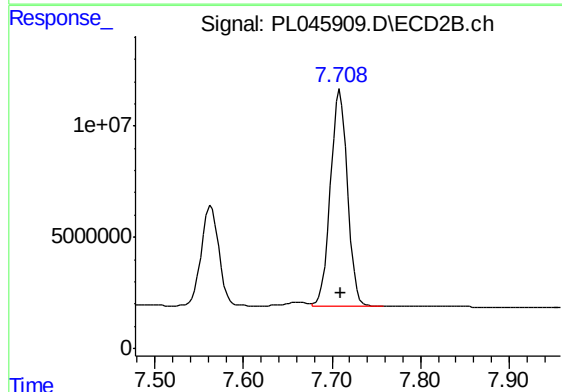
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 482477550
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

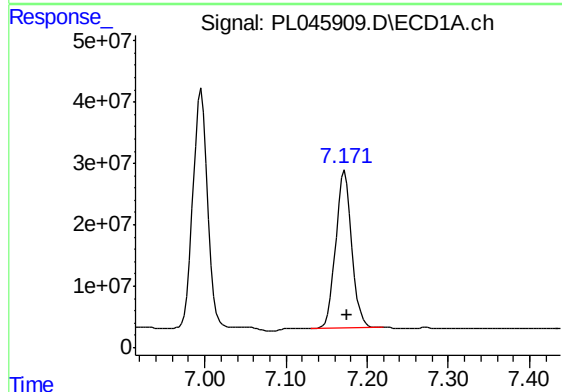
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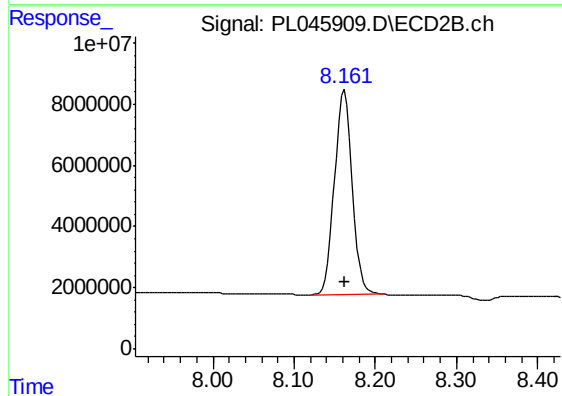
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 130608601
Conc: 54.91 ng/ml



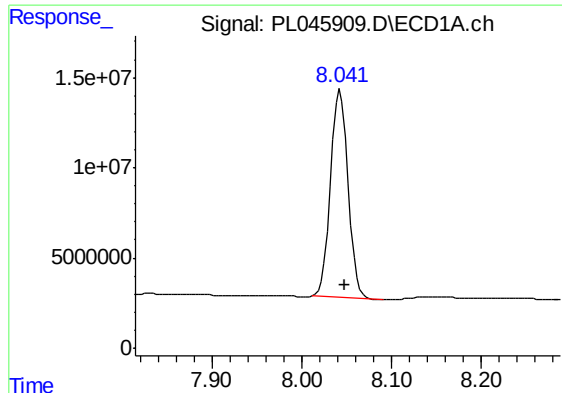
#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 351954433
Conc: 47.30 ng/ml



#22 Mirex

R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 102286763
Conc: 51.36 ng/ml



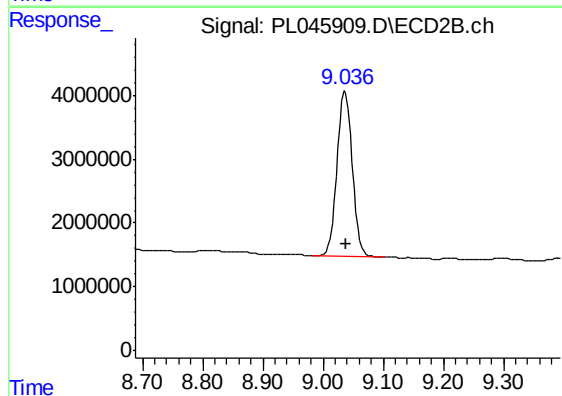
#28 Decachlorobiphenyl

R.T.: 8.043 min
Delta R.T.: -0.005 min
Response: 157201602
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
BF-06-031119MSD

Manual Integrations
APPROVED

Sohil
3/15/2019 11:37:47 AM



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: -0.002 min
Response: 45871484
Conc: 20.08 ng/ml