

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011320\
 Data File : PL055692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2020 10:17
 Operator : AJ\MA
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 13 16:23:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 10 00:58:33 2020
 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...	3.495	3.964	445.8E6	127.8E6	48.248	48.254
28)	SA Decachlor...	8.241	8.955	445.4E6	96765008	50.718	46.543
Target Compounds							
2)	A alpha-BHC	3.933	4.347	757.8E6	195.0E6	47.945	49.176
3)	MA gamma-BHC...	4.216	4.627	722.5E6	180.1E6	48.911	48.437
4)	MA Heptachlor	4.518	5.127	663.4E6	142.7E6	46.375	44.976
5)	MB Aldrin	4.766	5.427	685.2E6	151.7E6	48.844	48.653
6)	B beta-BHC	4.465	4.794	288.2E6	77543473	47.153	50.791m
7)	B delta-BHC	4.670	5.009	693.7E6	171.6E6	48.530	55.922
8)	B Heptachlo...	5.207	5.808	632.5E6	140.8E6	47.648	47.912
9)	A Endosulfan I	5.546	6.161	578.9E6	126.4E6	46.856	47.739
10)	B gamma-Chl...	5.435	6.040	638.3E6	136.1E6	47.677	48.326
11)	B alpha-Chl...	5.492	6.112	626.1E6	134.2E6	47.686	47.756
12)	B 4,4'-DDE	5.654	6.266	590.1E6	129.1E6	47.460	48.603
13)	MA Dieldrin	5.789	6.416	624.0E6	131.6E6	47.599	48.118
14)	MA Endrin	6.045	6.631	535.7E6	105.4E6	46.387	46.746
15)	B Endosulfa...	6.318	6.838	500.3E6	112.1E6	46.374	46.650
16)	A 4,4'-DDD	6.169	6.751	483.8E6	104.0E6	51.050	50.176
17)	MA 4,4'-DDT	6.410	7.047	402.0E6	86787594	46.814	44.016
18)	B Endrin al...	6.485	6.961	438.1E6	95404214	46.411	46.984
19)	B Endosulfa...	6.698	7.182	466.5E6	104.5E6	47.691	46.950
20)	A Methoxychlor	6.954	7.501	192.8E6	43769743	44.921	41.811
21)	B Endrin ke...	7.189	7.649	546.2E6	111.8E6	48.183	46.958
22)	Mirex	7.379	8.099	339.8E6	76813399	49.623	46.851

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011320\
Data File : PL055692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jan 2020 10:17
Operator : AJ\MA
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

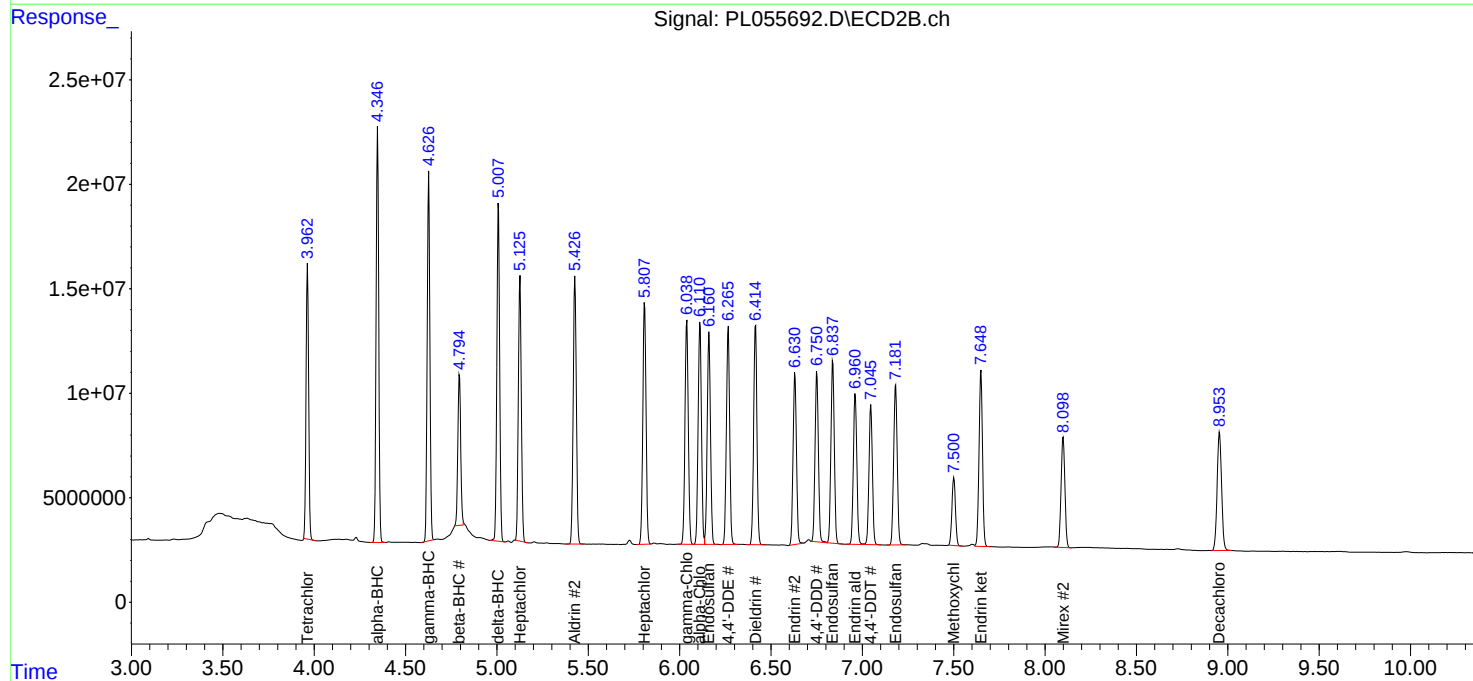
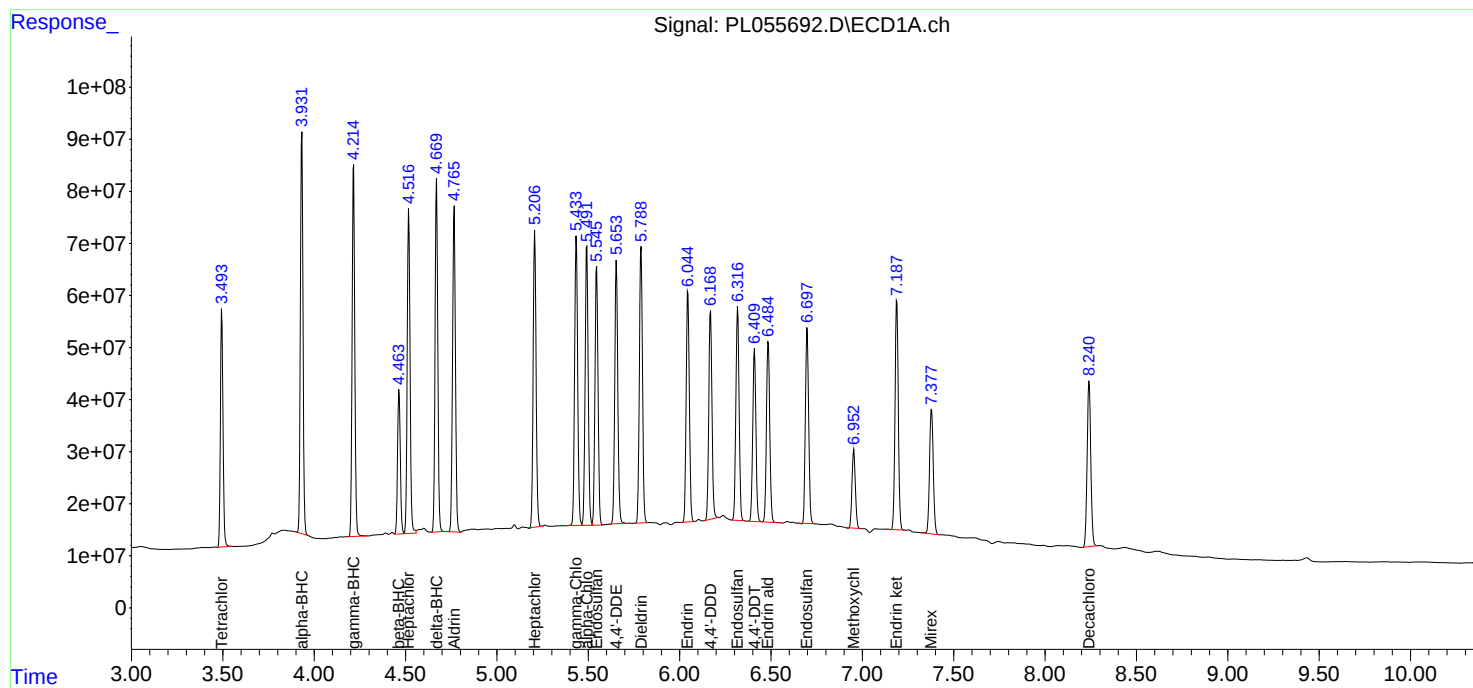
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

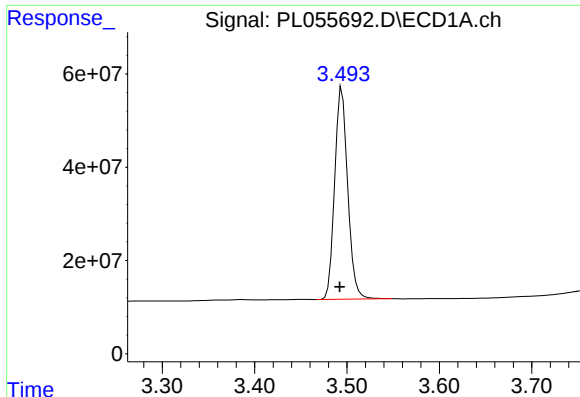
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 13 16:23:43 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
Quant Title : GC Extractables
QLast Update : Fri Jan 10 00:58:33 2020
Response 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





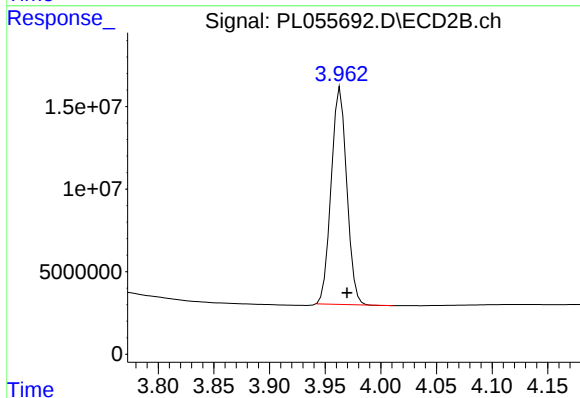
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: 0.003 min
Response: 445843995
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

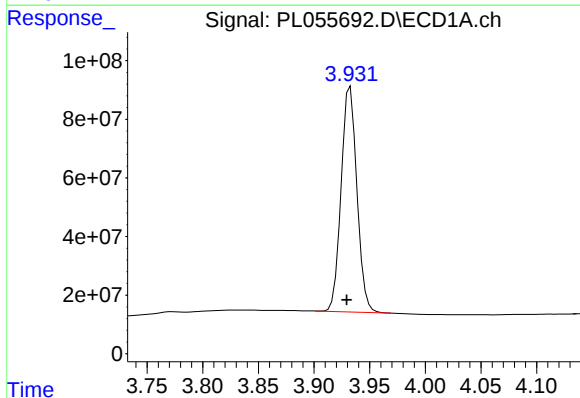
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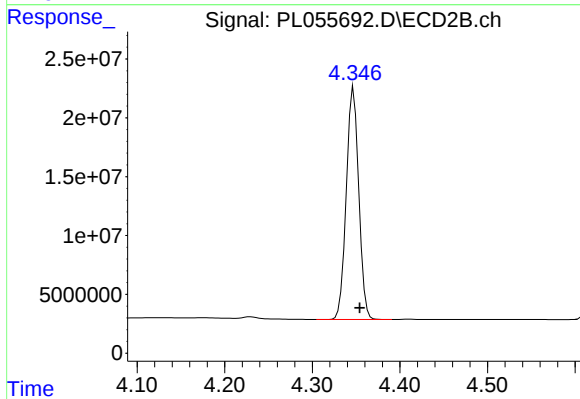
#1 Tetrachloro-m-xylene

R.T.: 3.964 min
Delta R.T.: -0.006 min
Response: 127831094
Conc: 48.25 ng/ml



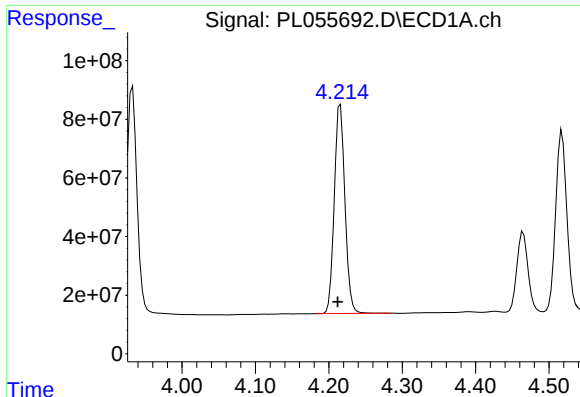
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.003 min
Response: 757818277
Conc: 47.95 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: -0.007 min
Response: 194951891
Conc: 49.18 ng/ml



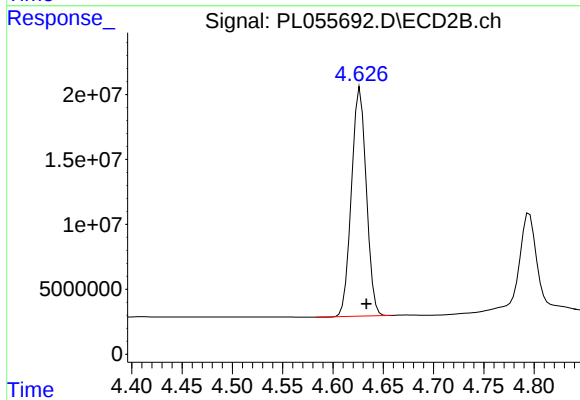
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.003 min
Response: 722487765
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

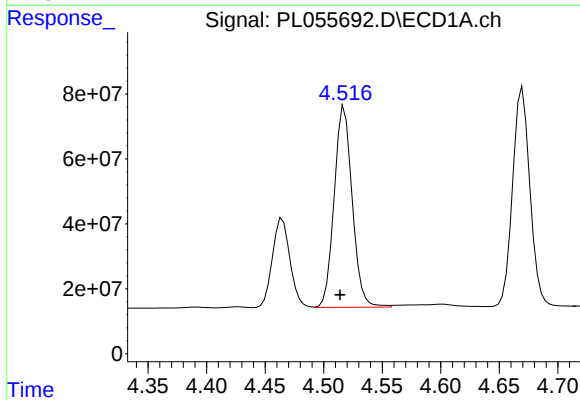
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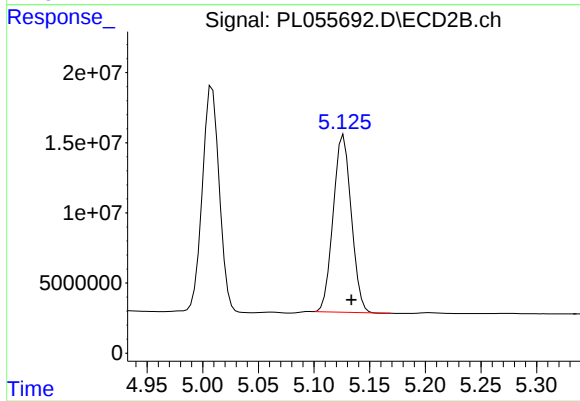
#3 gamma-BHC (Lindane)

R.T.: 4.627 min
Delta R.T.: -0.006 min
Response: 180080038
Conc: 48.44 ng/ml



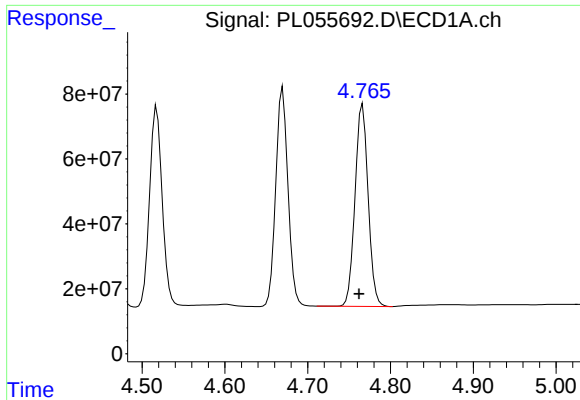
#4 Heptachlor

R.T.: 4.518 min
Delta R.T.: 0.004 min
Response: 663382012
Conc: 46.37 ng/ml



#4 Heptachlor

R.T.: 5.127 min
Delta R.T.: -0.007 min
Response: 142699702
Conc: 44.98 ng/ml



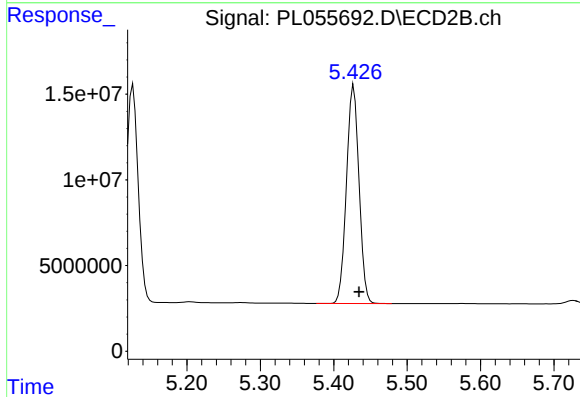
#5 Aldrin

R.T.: 4.766 min
Delta R.T.: 0.004 min
Response: 685215324
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

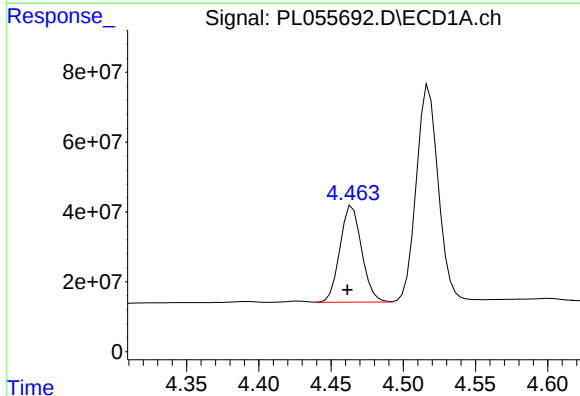
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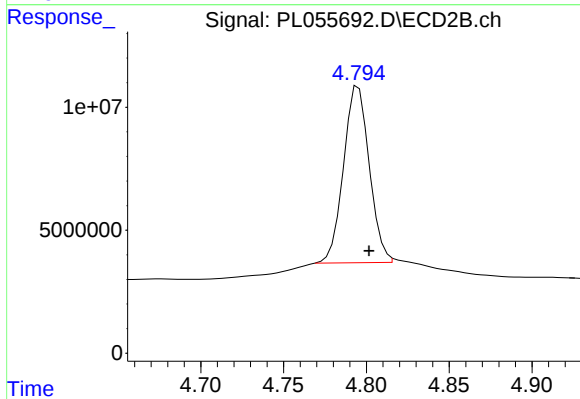
#5 Aldrin

R.T.: 5.427 min
Delta R.T.: -0.007 min
Response: 151745317
Conc: 48.65 ng/ml



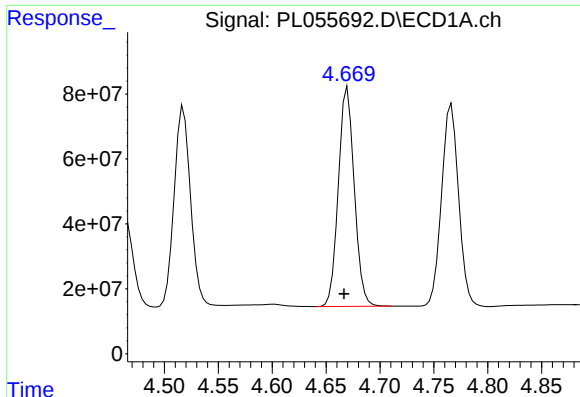
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.003 min
Response: 288176991
Conc: 47.15 ng/ml



#6 beta-BHC

R.T.: 4.794 min
Delta R.T.: -0.008 min
Response: 77543473
Conc: 50.79 ng/ml m



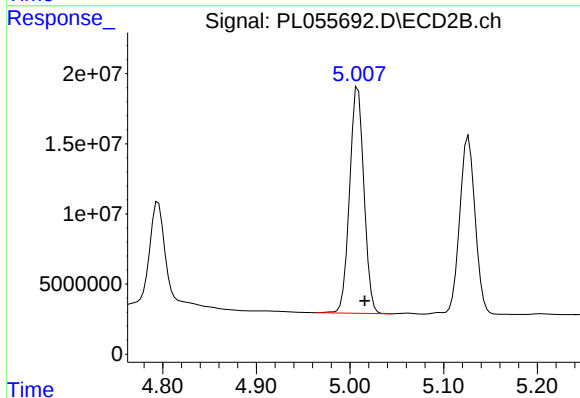
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.003 min
Response: 693682294
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

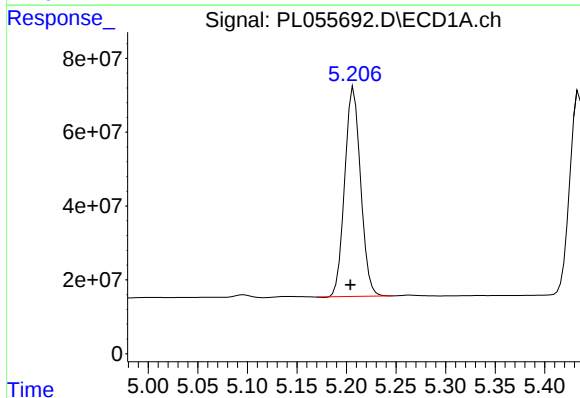
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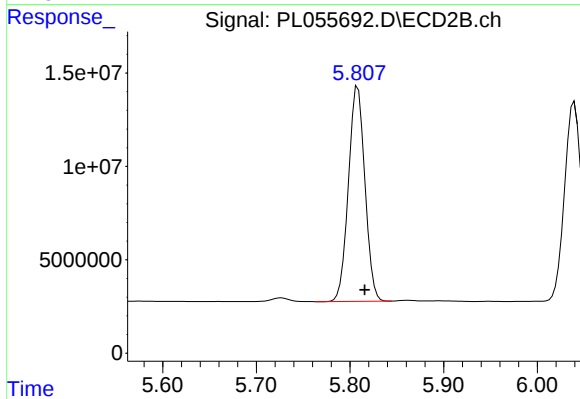
#7 delta-BHC

R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 171647192
Conc: 55.92 ng/ml



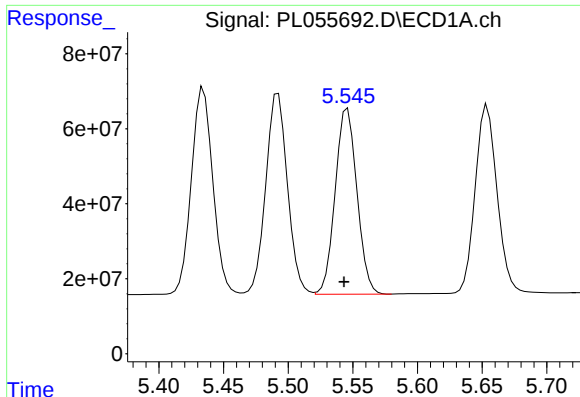
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: 0.003 min
Response: 632470299
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

R.T.: 5.808 min
Delta R.T.: -0.007 min
Response: 140779278
Conc: 47.91 ng/ml



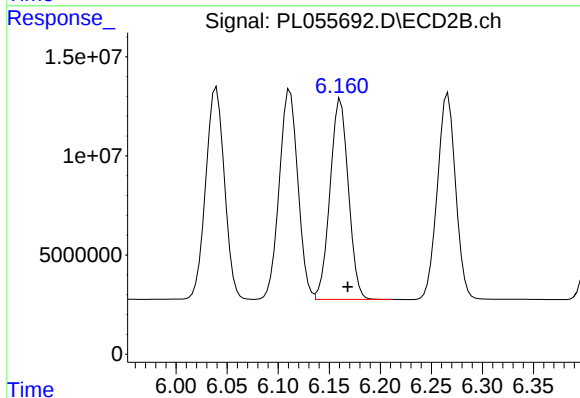
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.003 min
Response: 578932685
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

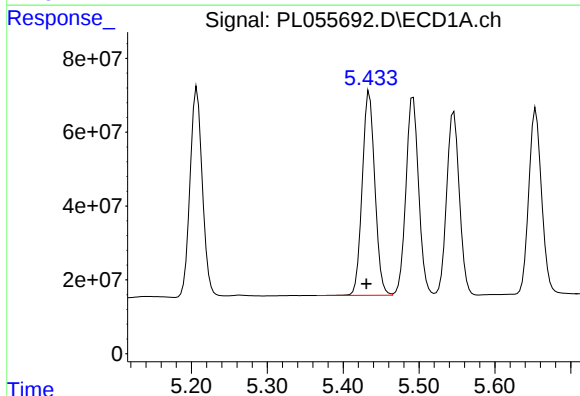
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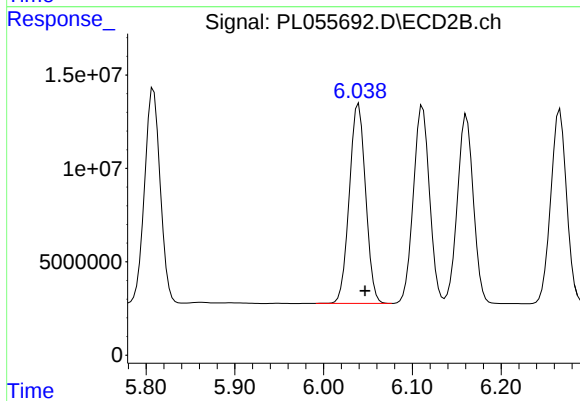
#9 Endosulfan I

R.T.: 6.161 min
Delta R.T.: -0.007 min
Response: 126397761
Conc: 47.74 ng/ml



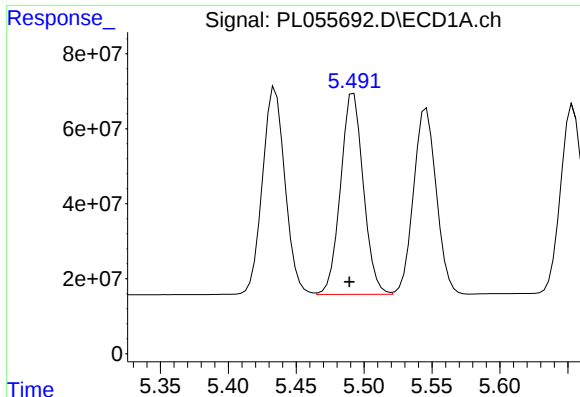
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.004 min
Response: 638289675
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.040 min
Delta R.T.: -0.007 min
Response: 136054123
Conc: 48.33 ng/ml



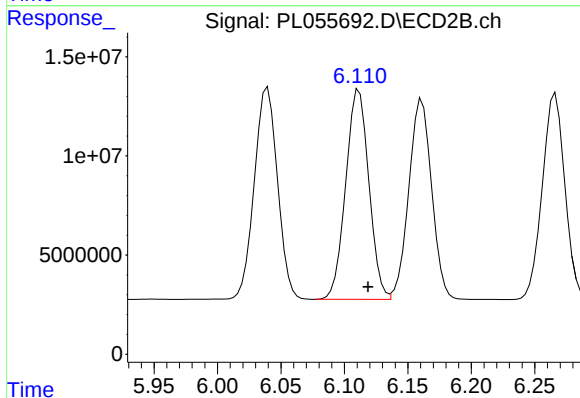
#11 alpha-Chlordane

R.T.: 5.492 min
Delta R.T.: 0.003 min
Response: 626121411
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

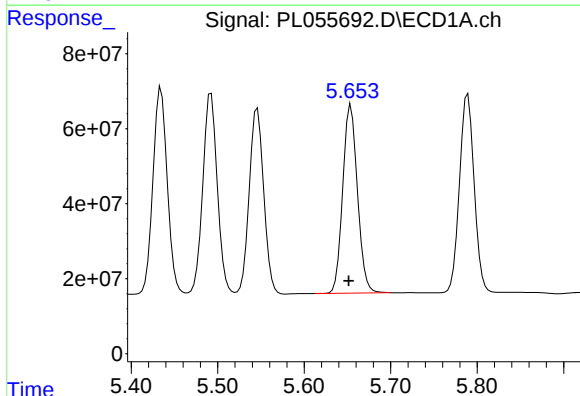
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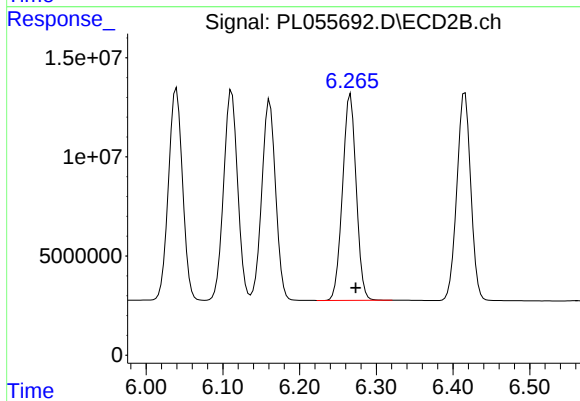
#11 alpha-Chlordane

R.T.: 6.112 min
Delta R.T.: -0.007 min
Response: 134229259
Conc: 47.76 ng/ml



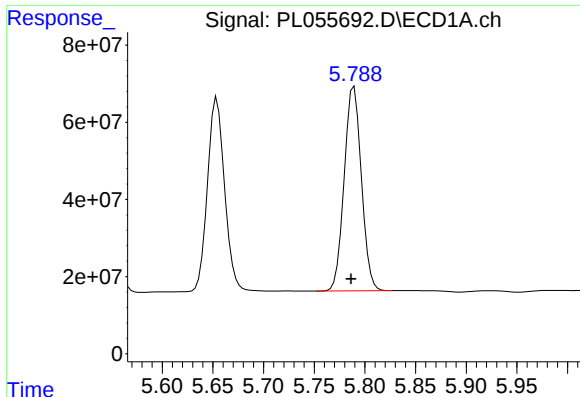
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.003 min
Response: 590133242
Conc: 47.46 ng/ml



#12 4,4'-DDE

R.T.: 6.266 min
Delta R.T.: -0.007 min
Response: 129129401
Conc: 48.60 ng/ml



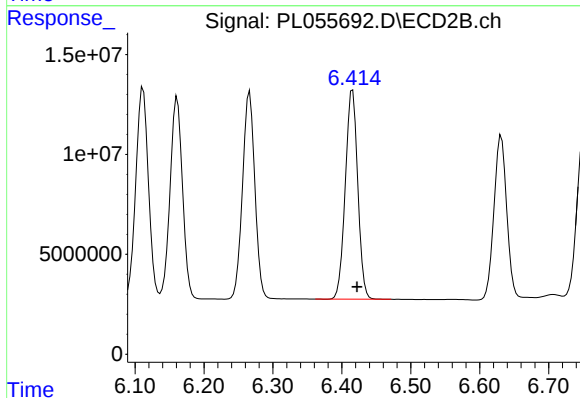
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.003 min
Response: 623959033
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

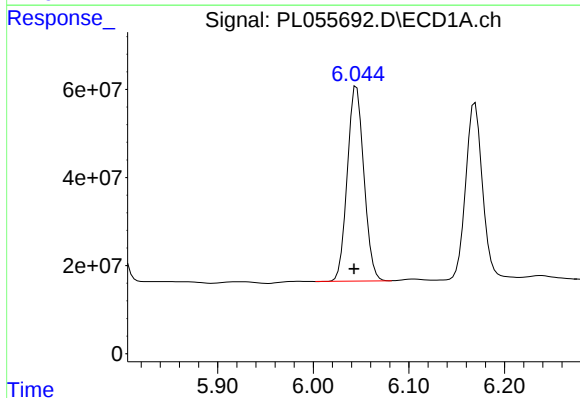
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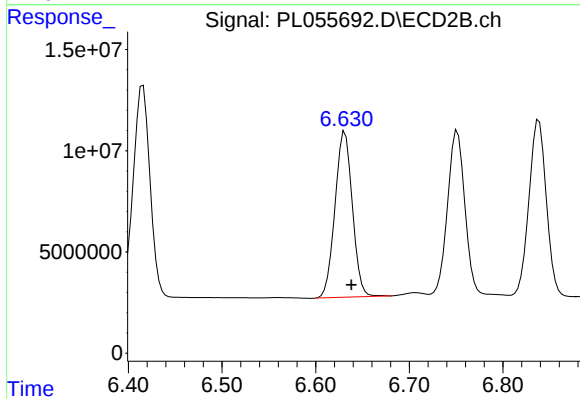
#13 Dieldrin

R.T.: 6.416 min
Delta R.T.: -0.006 min
Response: 131573678
Conc: 48.12 ng/ml



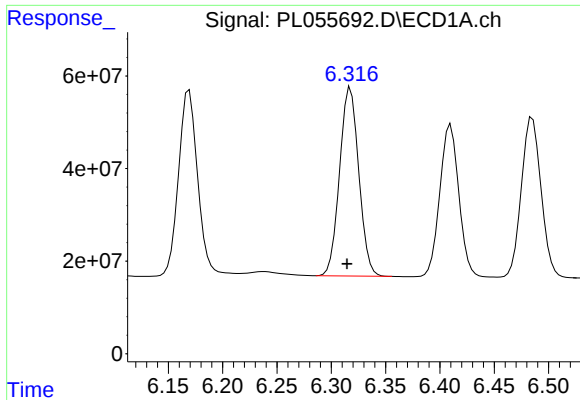
#14 Endrin

R.T.: 6.045 min
Delta R.T.: 0.002 min
Response: 535676996
Conc: 46.39 ng/ml



#14 Endrin

R.T.: 6.631 min
Delta R.T.: -0.007 min
Response: 105414465
Conc: 46.75 ng/ml



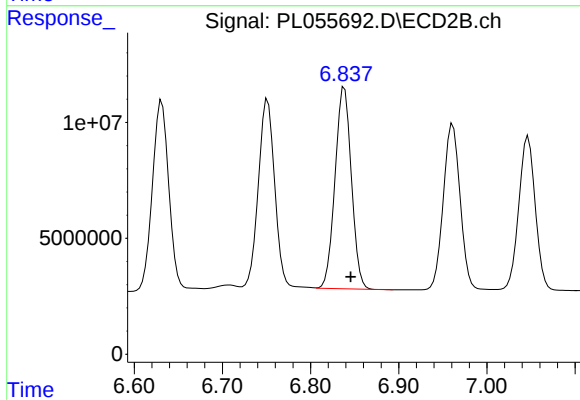
#15 Endosulfan II

R.T.: 6.318 min
Delta R.T.: 0.003 min
Response: 500252288
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

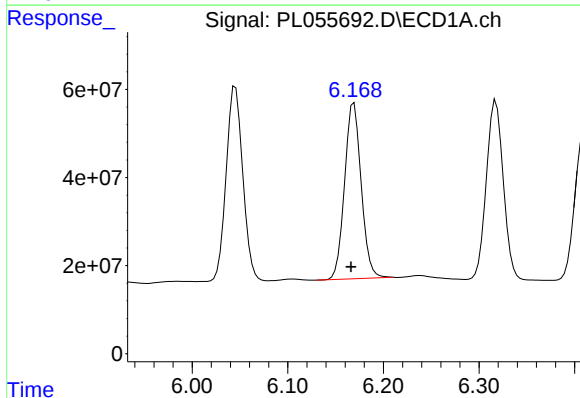
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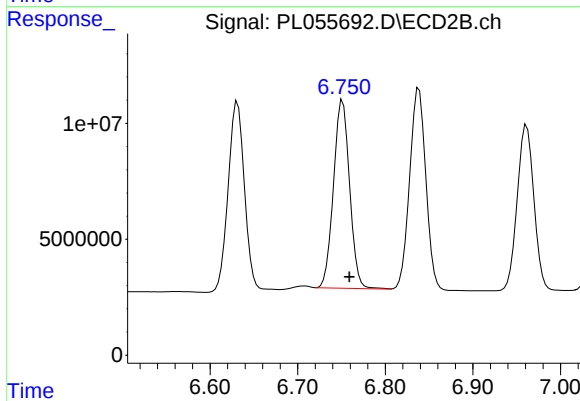
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: -0.007 min
Response: 112073397
Conc: 46.65 ng/ml



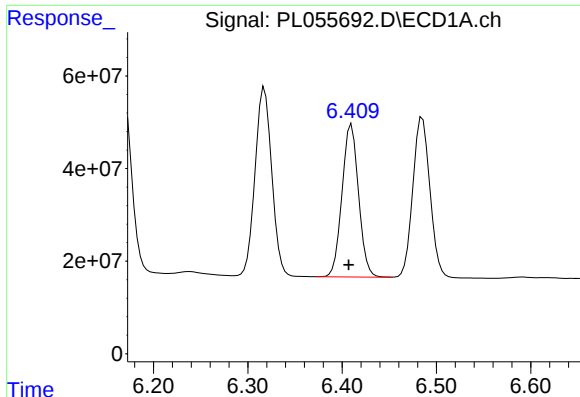
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 483805083
Conc: 51.05 ng/ml



#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.008 min
Response: 103972743
Conc: 50.18 ng/ml



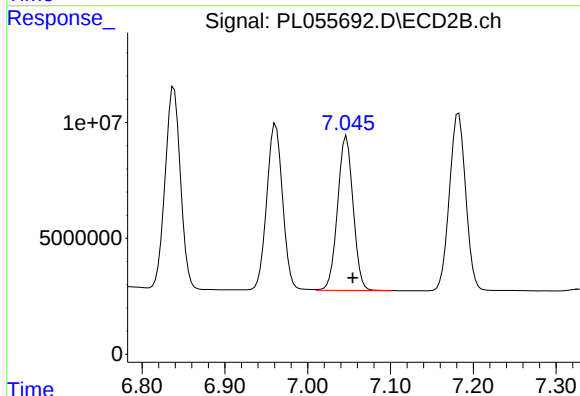
#17 4,4'-DDT

R.T.: 6.410 min
Delta R.T.: 0.003 min
Response: 402038361
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

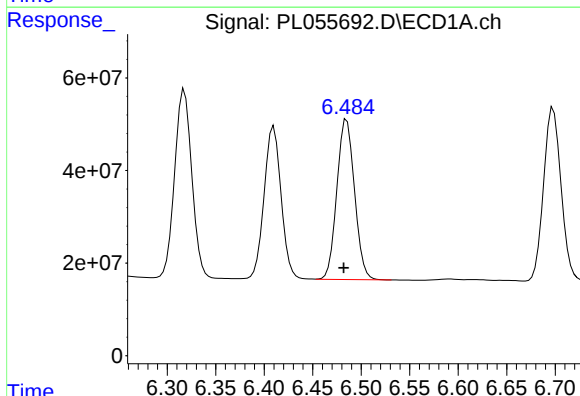
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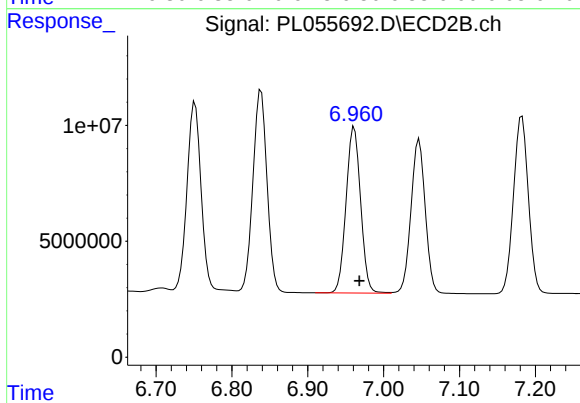
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 86787594
Conc: 44.02 ng/ml



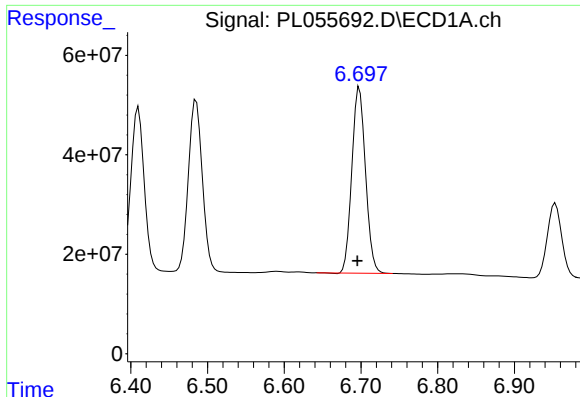
#18 Endrin aldehyde

R.T.: 6.485 min
Delta R.T.: 0.003 min
Response: 438079496
Conc: 46.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: -0.007 min
Response: 95404214
Conc: 46.98 ng/ml



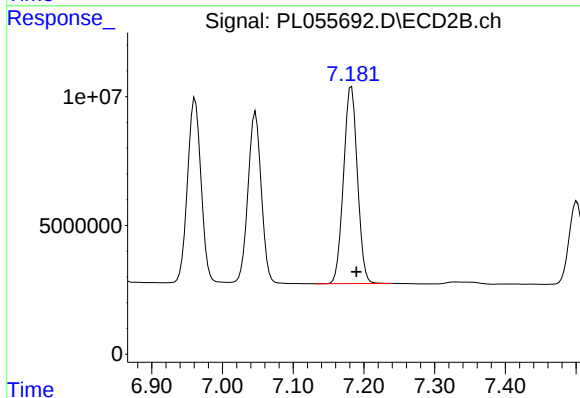
#19 Endosulfan Sulfate

R.T.: 6.698 min
Delta R.T.: 0.003 min
Response: 466526581
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

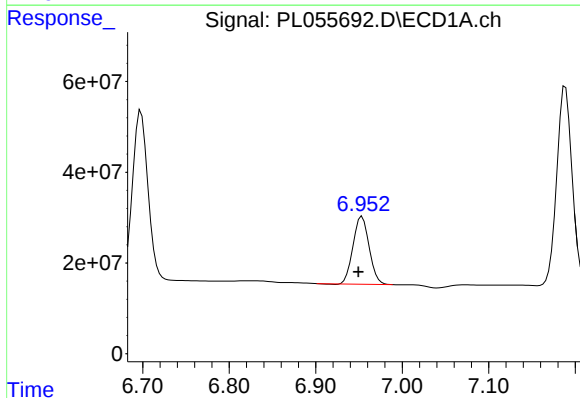
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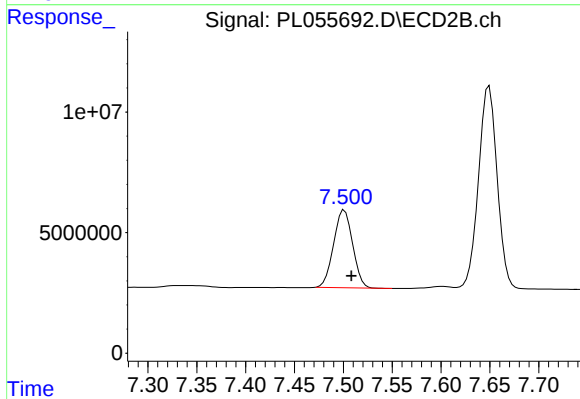
#19 Endosulfan Sulfate

R.T.: 7.182 min
Delta R.T.: -0.007 min
Response: 104454112
Conc: 46.95 ng/ml



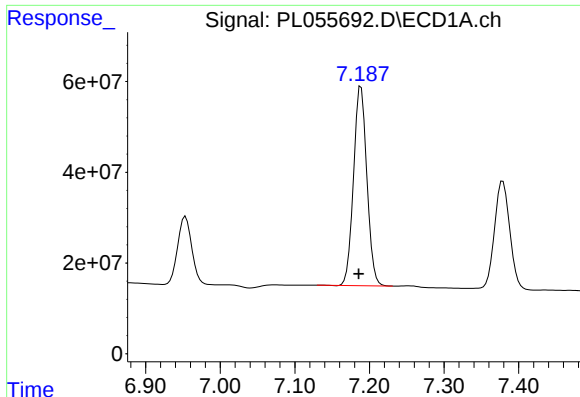
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.004 min
Response: 192842286
Conc: 44.92 ng/ml



#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.007 min
Response: 43769743
Conc: 41.81 ng/ml



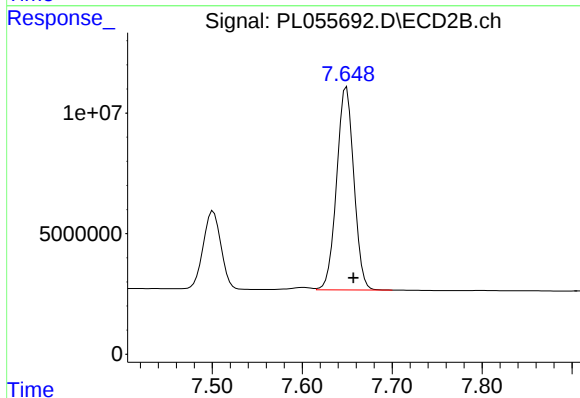
#21 Endrin ketone

R.T.: 7.189 min
Delta R.T.: 0.003 min
Response: 546179050
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

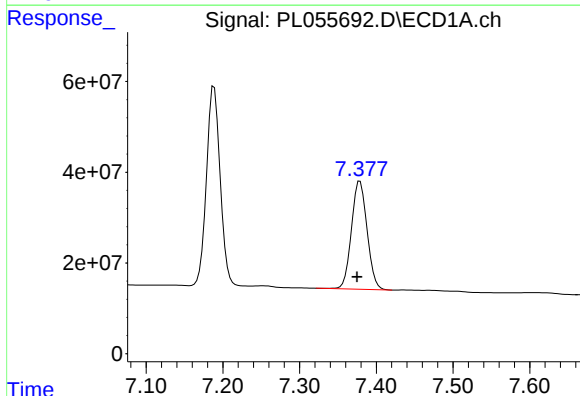
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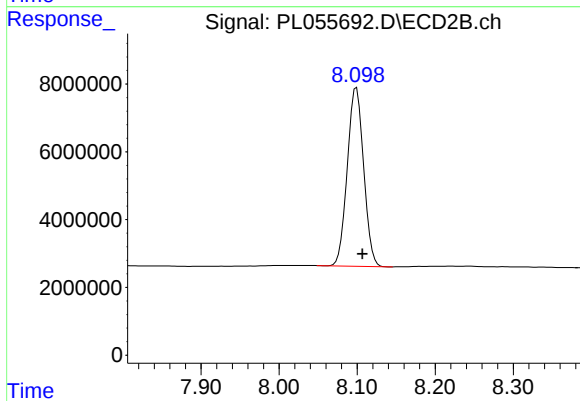
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: -0.008 min
Response: 111810197
Conc: 46.96 ng/ml



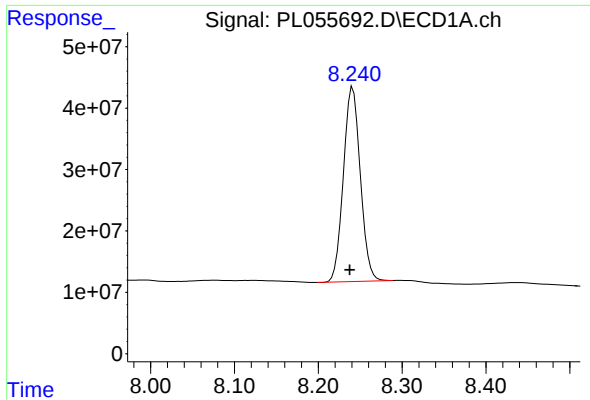
#22 Mirex

R.T.: 7.379 min
Delta R.T.: 0.004 min
Response: 339777886
Conc: 49.62 ng/ml



#22 Mirex

R.T.: 8.099 min
Delta R.T.: -0.008 min
Response: 76813399
Conc: 46.85 ng/ml



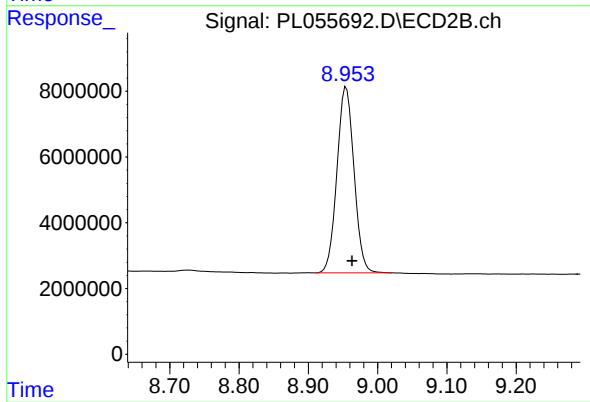
#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.004 min
Response: 445389213
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

mohammad
1/14/2020 11:03:10 AM



#28 Decachlorobiphenyl

R.T.: 8.955 min
Delta R.T.: -0.008 min
Response: 96765008
Conc: 46.54 ng/ml