

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011620\
 Data File : PL055806.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jan 2020 18:29
 Operator : AJ\MA
 Sample : L1142-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SS-1MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 00:44:16 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...	3.491	3.968	220.6E6	45312610	23.876m	17.105 #
28)	SA Decachlor...	8.237	8.957	151.2E6	42905337	17.220	20.637
Target Compounds							
2)	A alpha-BHC	3.929	4.352	589.1E6	175.7E6	37.271	44.315
3)	MA gamma-BHC...	4.212	4.632	571.8E6	185.6E6	38.709	49.916 #
4)	MA Heptachlor	4.514	5.131	580.0E6	143.3E6	40.549	45.152
5)	MB Aldrin	4.762	5.433	490.3E6	134.3E6	34.952	43.055
6)	B beta-BHC	4.461	4.801	255.4E6	56940895	41.785	37.296
7)	B delta-BHC	4.665	5.013	441.5E6	98618092	30.889m	32.129m
8)	B Heptachlo...	5.204	5.812	472.9E6	106.1E6	35.623	36.095m
9)	A Endosulfan I	5.541	6.166	477.3E6	99909703	38.629	37.735
10)	B gamma-Chl...	5.430	6.044	509.7E6	113.9E6	38.076	40.451
11)	B alpha-Chl...	5.488	6.116	434.2E6	113.9E6	33.069	40.509
12)	B 4,4'-DDE	5.651	6.270	459.7E6	99486879	36.974	37.446
13)	MA Dieldrin	5.785	6.419	507.8E6	102.7E6	38.736m	37.564
14)	MA Endrin	6.042	6.635	406.4E6	87546893	35.196	38.823
15)	B Endosulfa...	6.315	6.843	424.3E6	93463800	39.329	38.904
16)	A 4,4'-DDD	6.165	6.755	406.1E6	82547092	42.847	39.836
17)	MA 4,4'-DDT	6.405	7.050	392.5E6	81031300	45.704	41.097m
18)	B Endrin al...	6.481	6.966	312.6E6	75630900	33.119	37.246
19)	B Endosulfa...	6.695	7.187	369.2E6	81243071	37.744	36.517
20)	A Methoxychlor	6.949	7.503	187.6E6	56947889	43.695	54.399
21)	B Endrin ke...	7.187	7.666	497.5E6	689.6E6	43.893	289.626m#
22)	Mirex	7.375	8.103	246.2E6	66619293	35.952	40.633

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011620\
Data File : PL055806.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jan 2020 18:29
Operator : AJ\MA
Sample : L1142-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

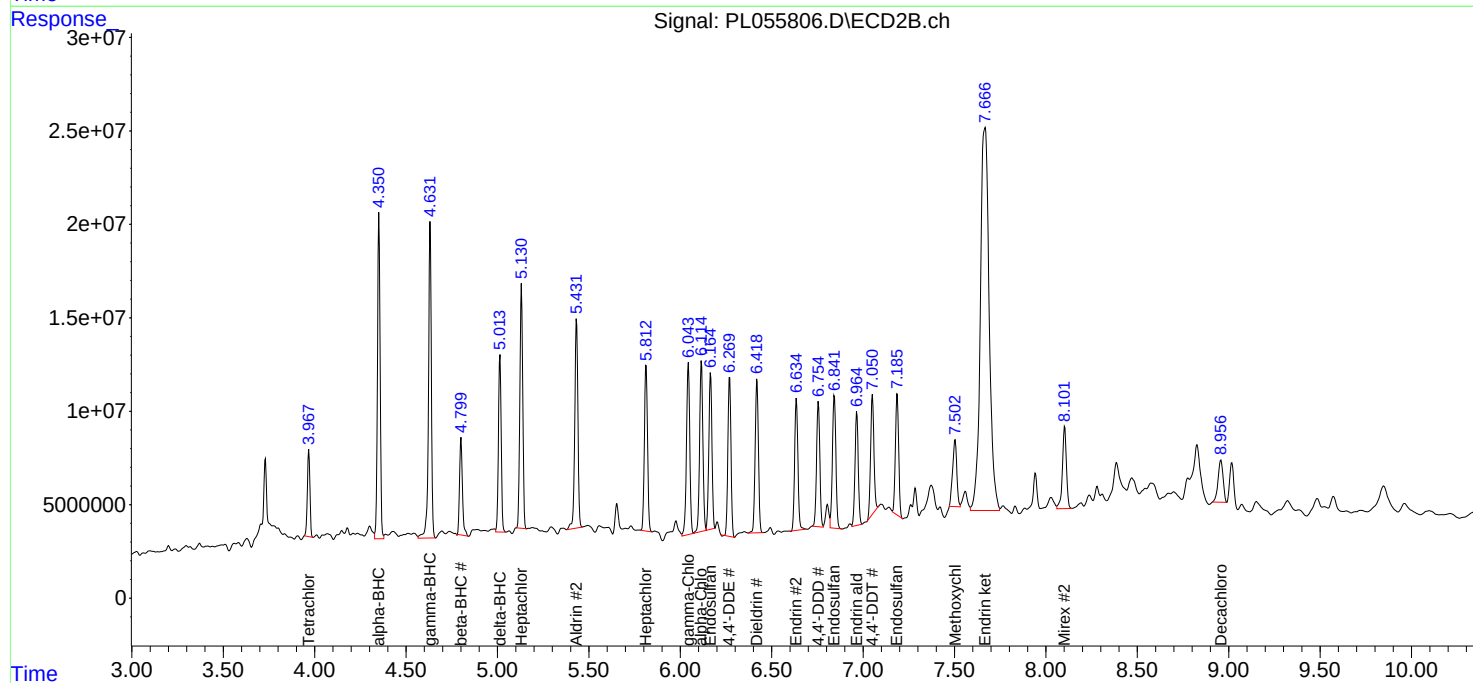
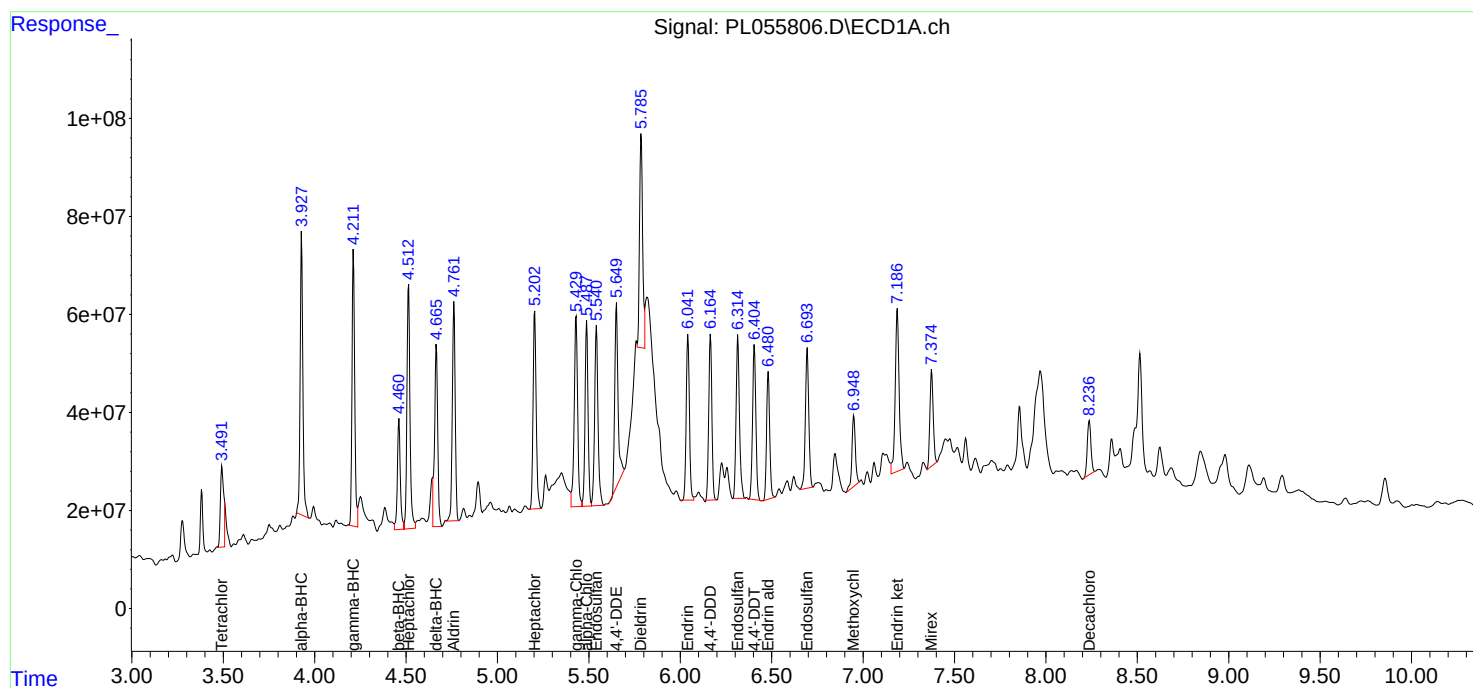
Instrument :
ECD_L
ClientSampled :
SS-1MS

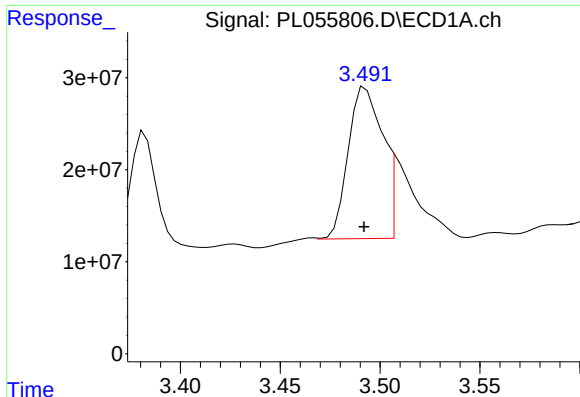
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 00:44:16 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011020.M
Quant Title : GC Extractables
QLast Update : Fri Jan 10 00:58:33 2020
Response 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





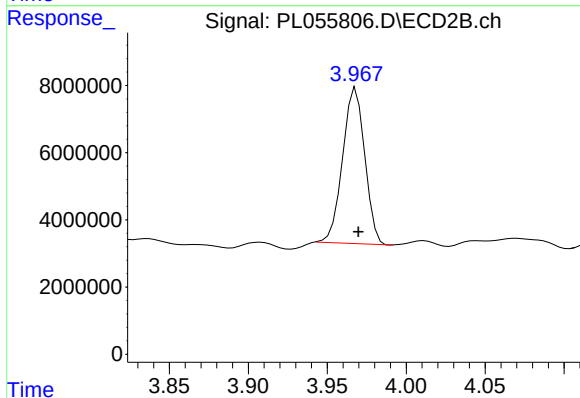
#1 Tetrachloro-m-xylene

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 220628201
Conc: 23.88 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SS-1MS

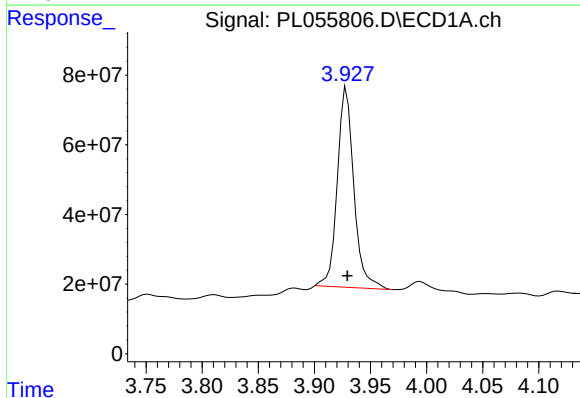
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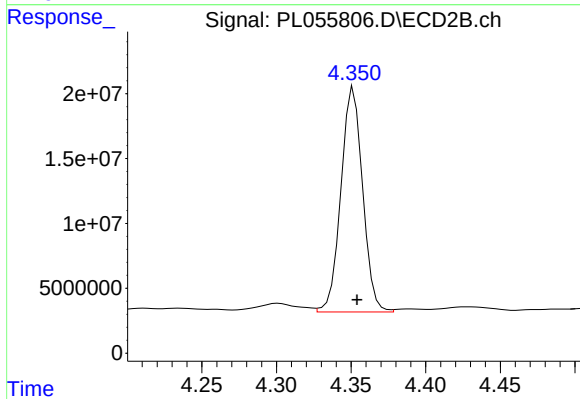
#1 Tetrachloro-m-xylene

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 45312610
Conc: 17.10 ng/ml



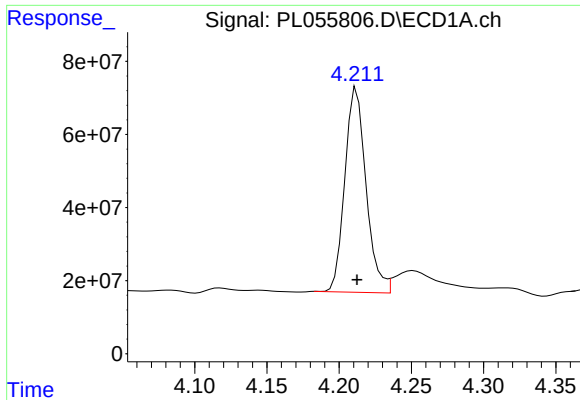
#2 alpha-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 589094067
Conc: 37.27 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 175680685
Conc: 44.31 ng/ml



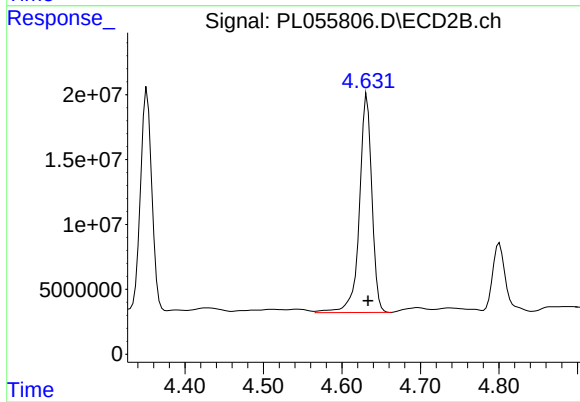
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: 0.000 min
Response: 571794054
Conc: 38.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

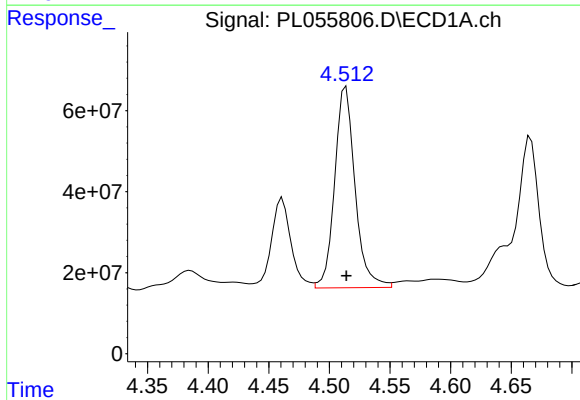
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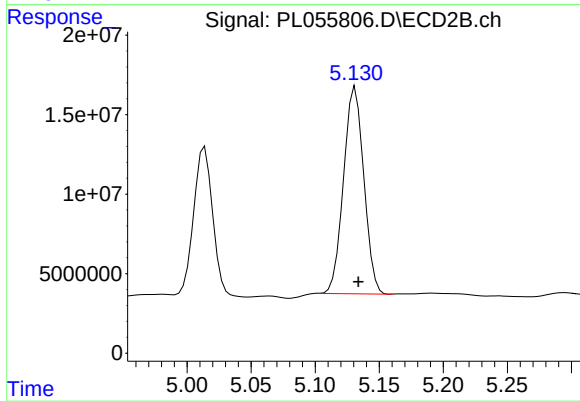
#3 gamma-BHC (Lindane)

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 185576461
Conc: 49.92 ng/ml



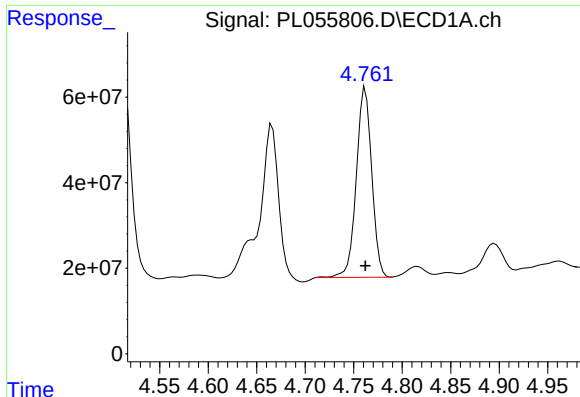
#4 Heptachlor

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 580038978
Conc: 40.55 ng/ml



#4 Heptachlor

R.T.: 5.131 min
Delta R.T.: -0.002 min
Response: 143256231
Conc: 45.15 ng/ml



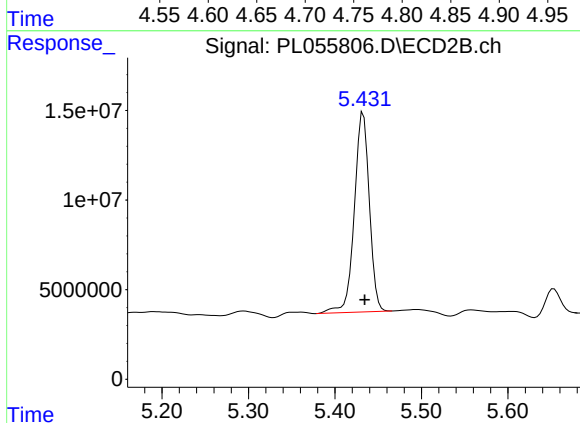
#5 Aldrin

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 490336289
Conc: 34.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

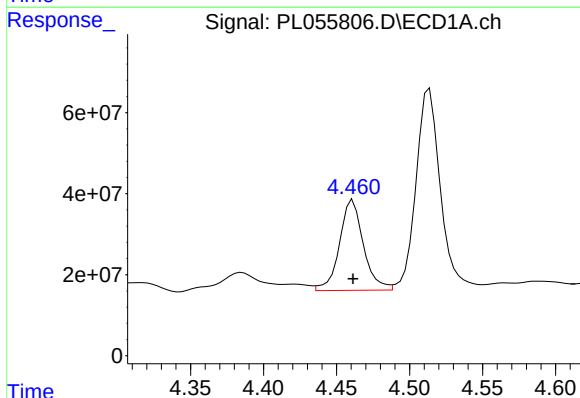
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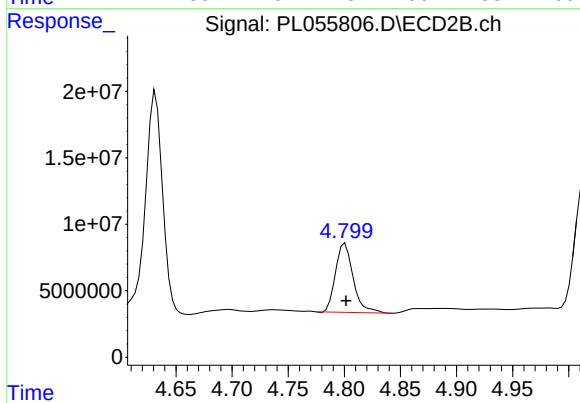
#5 Aldrin

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 134286186
Conc: 43.06 ng/ml



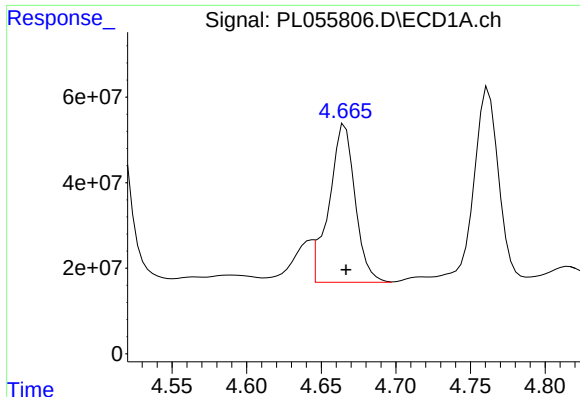
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 255370342
Conc: 41.79 ng/ml



#6 beta-BHC

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 56940895
Conc: 37.30 ng/ml



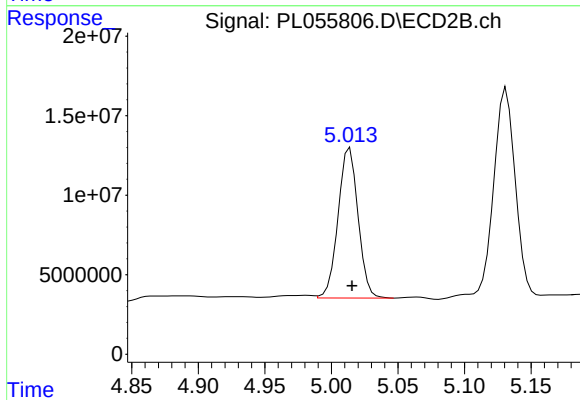
#7 delta-BHC

R.T.: 4.665 min
Delta R.T.: -0.002 min
Response: 441528623
Conc: 30.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SS-1MS

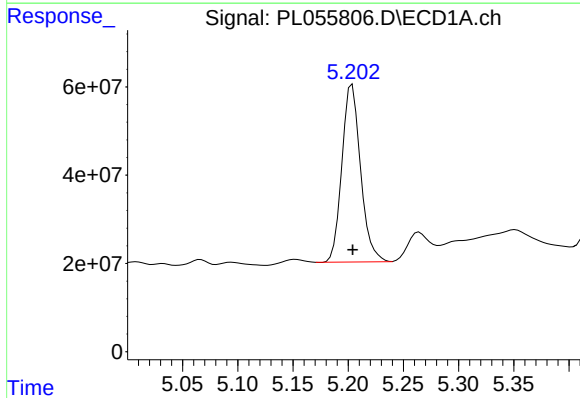
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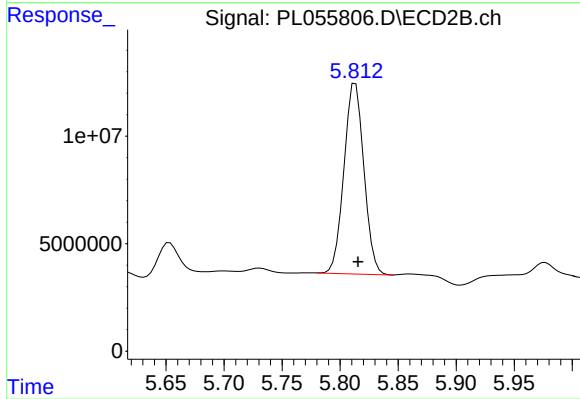
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: -0.003 min
Response: 98618092
Conc: 32.13 ng/ml m



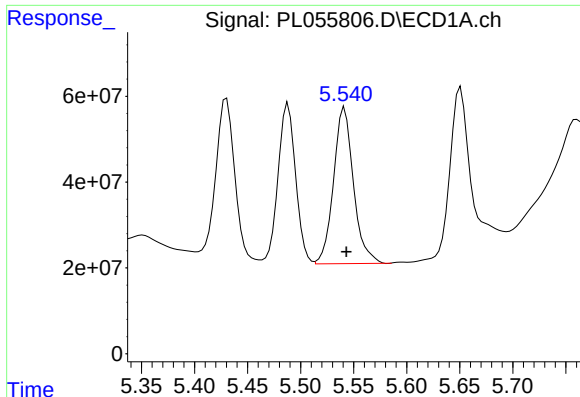
#8 Heptachlor epoxide

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 472860831
Conc: 35.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: -0.004 min
Response: 106057426
Conc: 36.09 ng/ml m



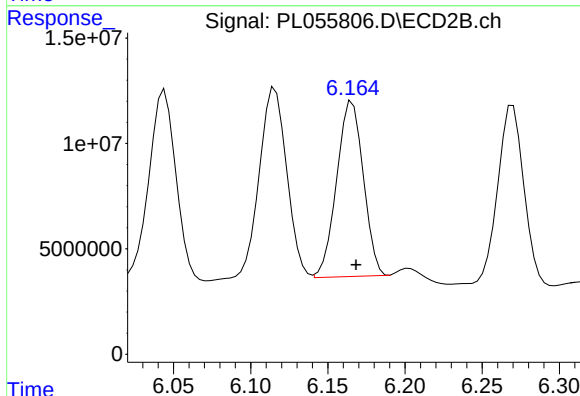
#9 Endosulfan I

R.T.: 5.541 min
Delta R.T.: -0.002 min
Response: 477278770
Conc: 38.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

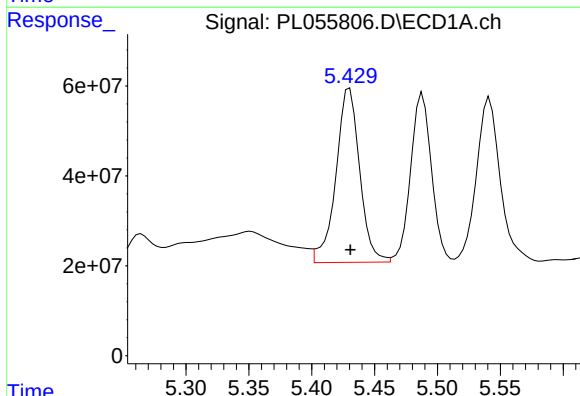
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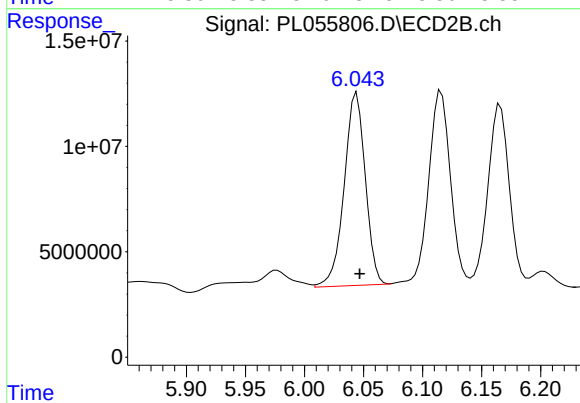
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 99909703
Conc: 37.73 ng/ml



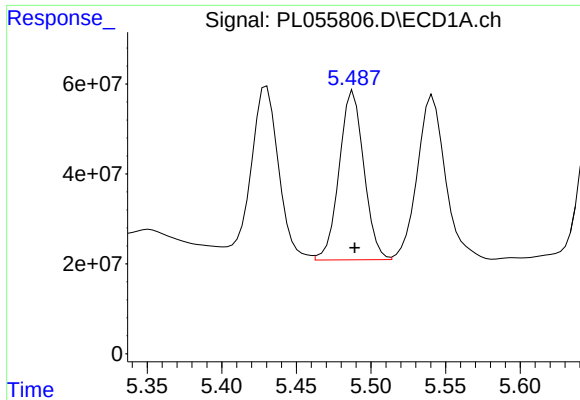
#10 gamma-Chlordane

R.T.: 5.430 min
Delta R.T.: 0.000 min
Response: 509747185
Conc: 38.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.044 min
Delta R.T.: -0.003 min
Response: 113881912
Conc: 40.45 ng/ml



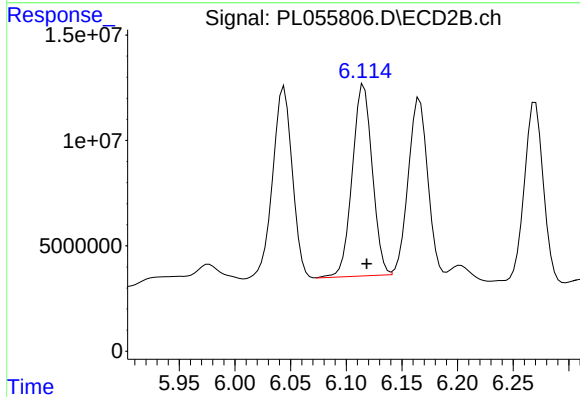
#11 alpha-Chlordane

R.T.: 5.488 min
Delta R.T.: -0.001 min
Response: 434206794
Conc: 33.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

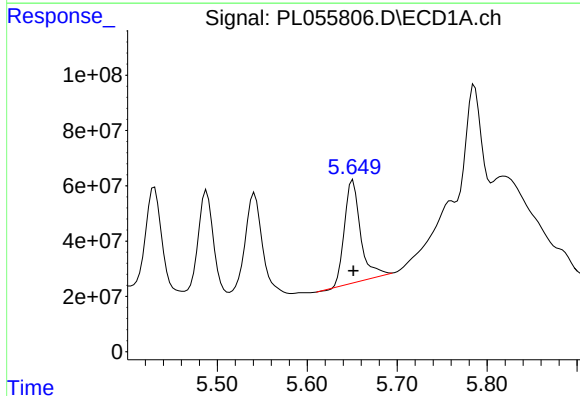
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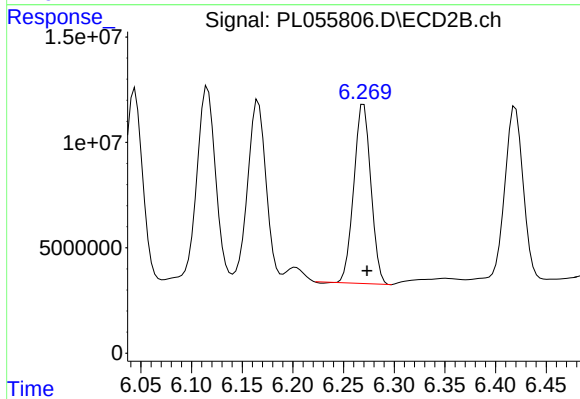
#11 alpha-Chlordane

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 113859738
Conc: 40.51 ng/ml



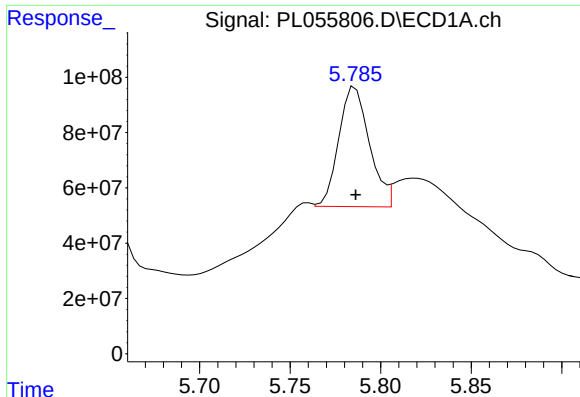
#12 4,4'-DDE

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 459746510
Conc: 36.97 ng/ml



#12 4,4'-DDE

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 99486879
Conc: 37.45 ng/ml



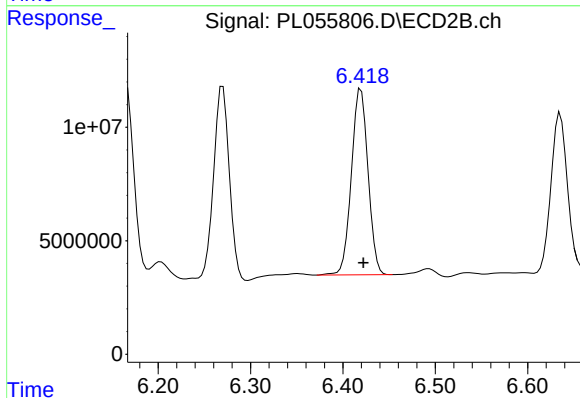
#13 Dieldrin

R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 507766647
Conc: 38.74 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SS-1MS

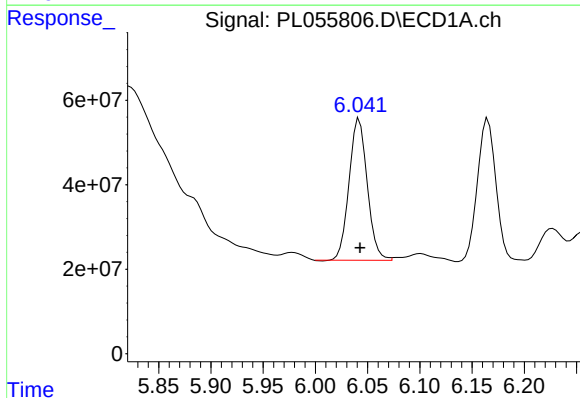
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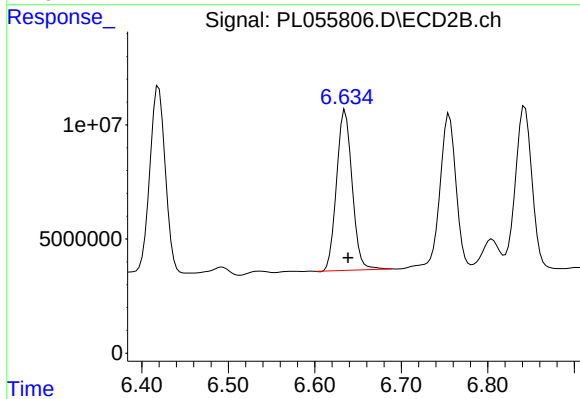
#13 Dieldrin

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 102714699
Conc: 37.56 ng/ml



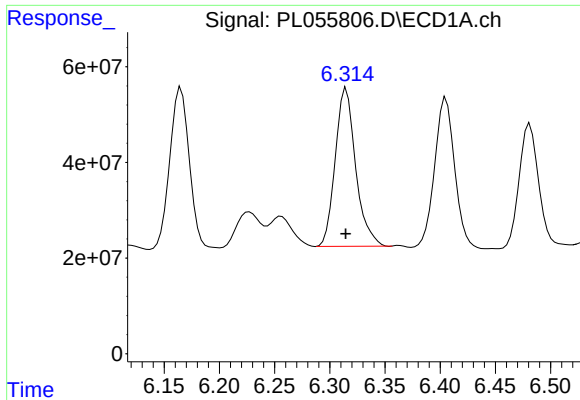
#14 Endrin

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 406443890
Conc: 35.20 ng/ml



#14 Endrin

R.T.: 6.635 min
Delta R.T.: -0.003 min
Response: 87546893
Conc: 38.82 ng/ml



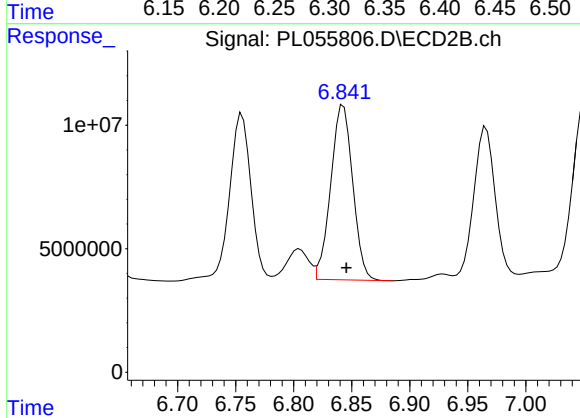
#15 Endosulfan II

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 424253703
Conc: 39.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

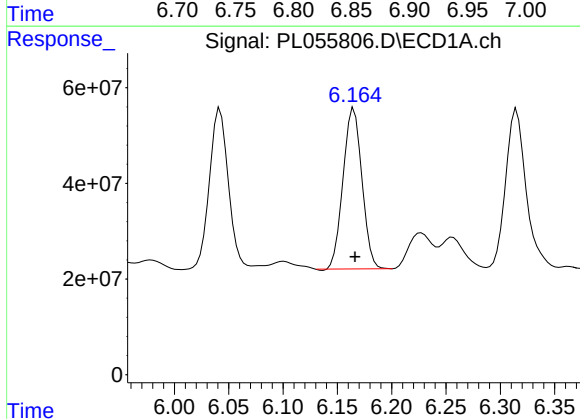
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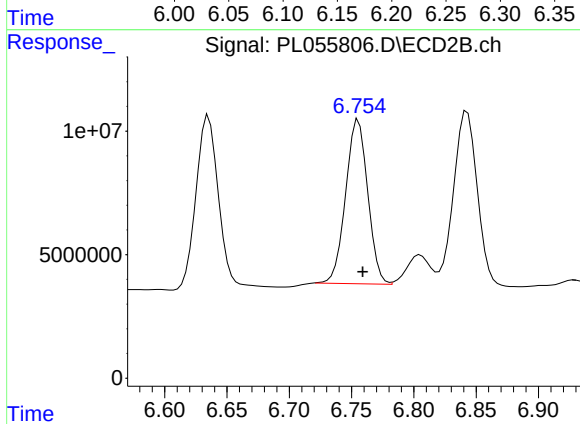
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 93463800
Conc: 38.90 ng/ml



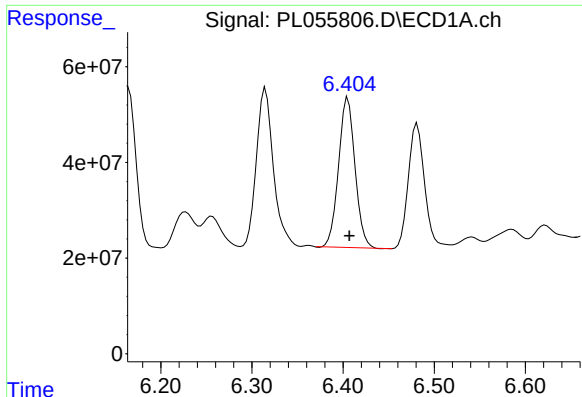
#16 4,4'-DDD

R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 406066400
Conc: 42.85 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 82547092
Conc: 39.84 ng/ml



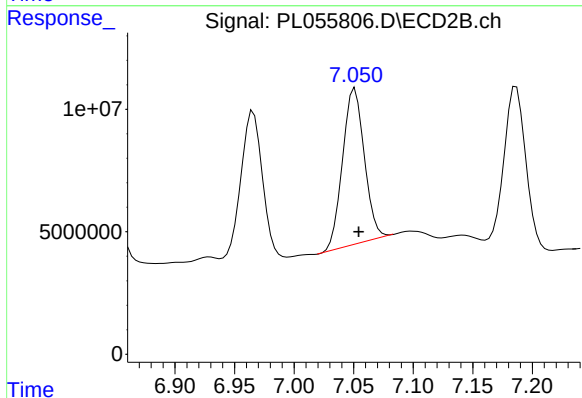
#17 4,4'-DDT

R.T.: 6.405 min
Delta R.T.: -0.001 min
Response: 392502698
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

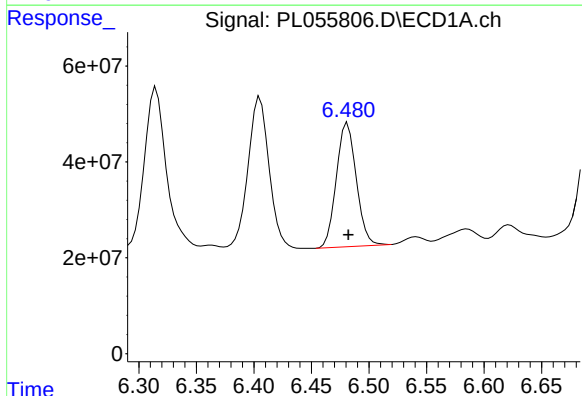
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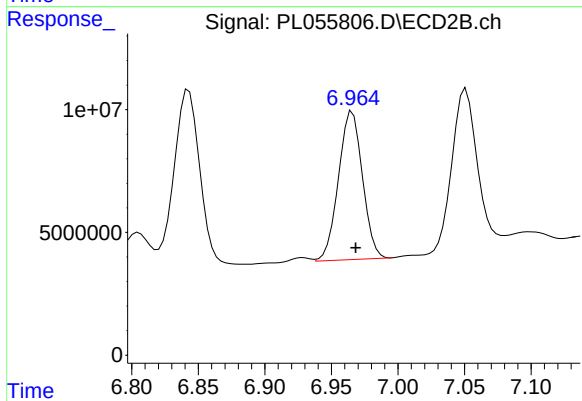
#17 4,4'-DDT

R.T.: 7.050 min
Delta R.T.: -0.005 min
Response: 81031300
Conc: 41.10 ng/ml m



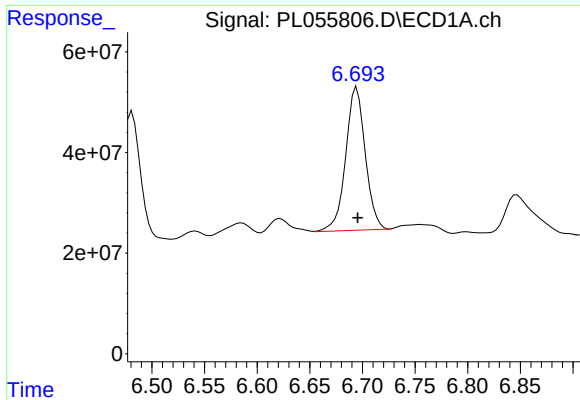
#18 Endrin aldehyde

R.T.: 6.481 min
Delta R.T.: 0.000 min
Response: 312612599
Conc: 33.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 75630900
Conc: 37.25 ng/ml



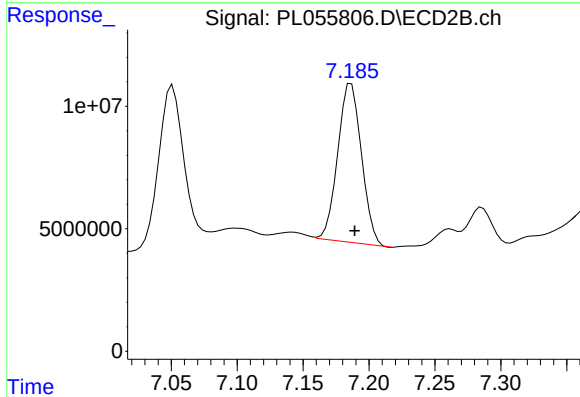
#19 Endosulfan Sulfate

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 369220028
Conc: 37.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

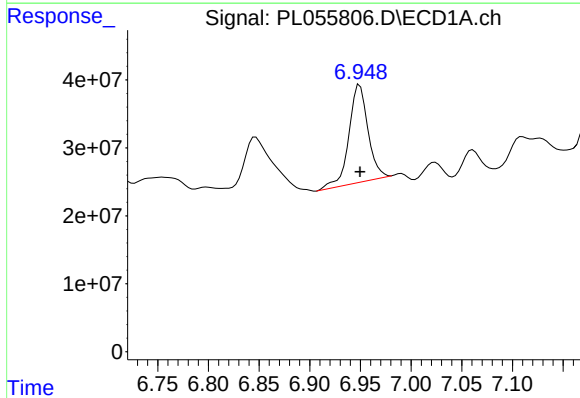
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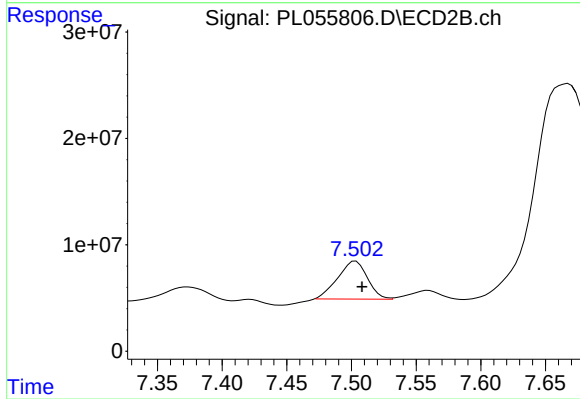
#19 Endosulfan Sulfate

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 81243071
Conc: 36.52 ng/ml



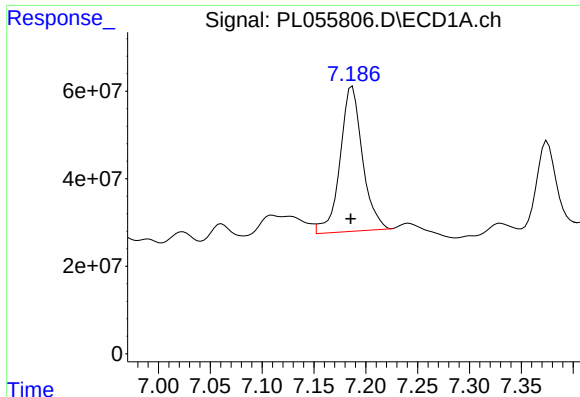
#20 Methoxychlor

R.T.: 6.949 min
Delta R.T.: 0.000 min
Response: 187579832
Conc: 43.70 ng/ml



#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.005 min
Response: 56947889
Conc: 54.40 ng/ml



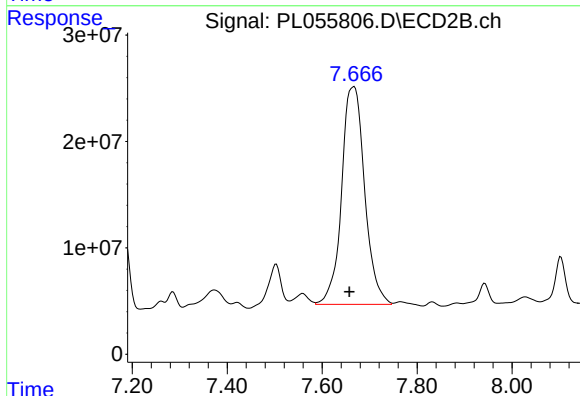
#21 Endrin ketone

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 497545362
Conc: 43.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

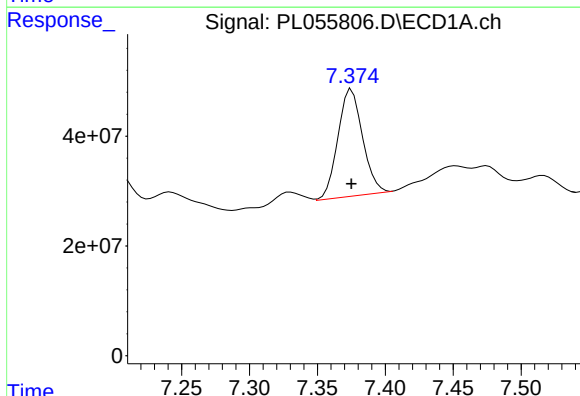
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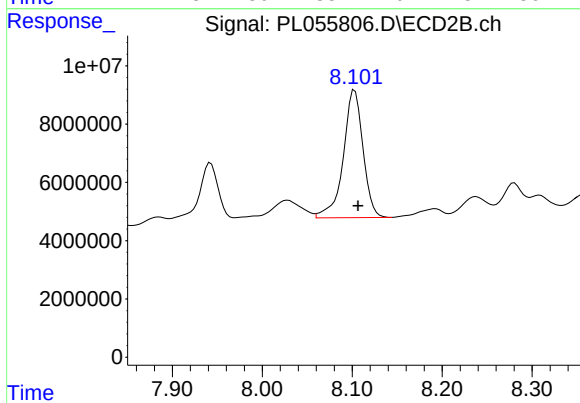
#21 Endrin ketone

R.T.: 7.666 min
Delta R.T.: 0.009 min
Response: 689615888
Conc: 289.63 ng/ml m



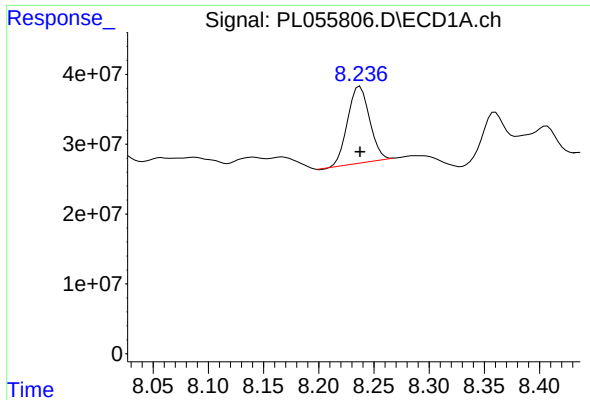
#22 Mirex

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 246169953
Conc: 35.95 ng/ml



#22 Mirex

R.T.: 8.103 min
Delta R.T.: -0.004 min
Response: 66619293
Conc: 40.63 ng/ml



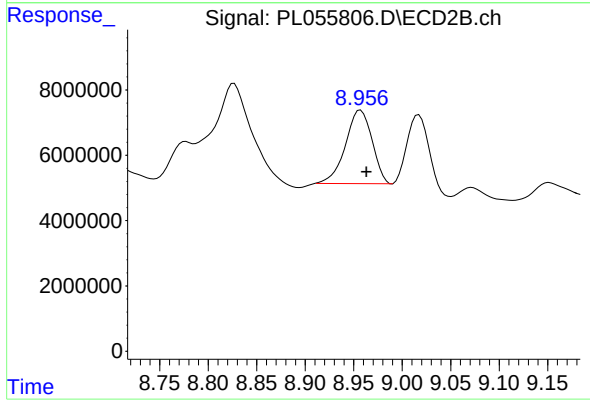
#28 Decachlorobiphenyl

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 151217330
Conc: 17.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SS-1MS

Manual Integrations
APPROVED

mohammad
1/17/2020 11:39:57 AM



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.006 min
Response: 42905337
Conc: 20.64 ng/ml