

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112219\
 Data File : PL054580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Nov 2019 00:45
 Operator : SG\AJ
 Sample : K5676-25MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-02-112019MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 23 03:59:10 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 19 01:04:14 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...	3.539	4.053	212.0E6	54896903	20.392	22.533
28)	SA Decachlor...	8.321	9.151	189.9E6	49402907	21.458	20.433
Target Compounds							
2)	A alpha-BHC	3.982	4.444	1049.1E6	226.9E6	61.582	67.397
3)	MA gamma-BHC...	4.269	4.730	969.9E6	209.7E6	64.553	68.192
4)	MA Heptachlor	4.574	5.240	1010.3E6	181.4E6	65.974	63.137
5)	MB Aldrin	4.826	5.545	907.4E6	169.9E6	64.758	64.375
6)	B beta-BHC	4.519	4.900	431.5E6	88691464	67.116	59.195
7)	B delta-BHC	4.728	5.118	913.0E6	174.3E6	65.187	69.183
8)	B Heptachlo...	5.271	5.932	873.3E6	158.8E6	67.618	66.831
9)	A Endosulfan I	5.613	6.289	777.1E6	152.4E6	65.597	64.987
10)	B gamma-Chl...	5.500	6.166	868.0E6	164.8E6	67.606	66.214
11)	B alpha-Chl...	5.558	6.238	829.7E6	161.9E6	66.114	65.028
12)	B 4,4'-DDE	5.721	6.395	765.3E6	155.4E6	66.164	65.073
13)	MA Dieldrin	5.858	6.547	837.2E6	154.6E6	68.463	63.840
14)	MA Endrin	6.116	6.765	751.8E6	134.7E6	68.060	63.564
15)	B Endosulfa...	6.390	6.975	686.8E6	142.1E6	65.567	65.381
16)	A 4,4'-DDD	6.239	6.886	569.3E6	119.2E6	69.021	67.371
17)	MA 4,4'-DDT	6.481	7.186	623.5E6	127.3E6	68.771	64.877
18)	B Endrin al...	6.557	7.099	555.9E6	119.3E6	64.907	63.051
19)	B Endosulfa...	6.771	7.323	615.2E6	131.6E6	65.691	63.733
20)	A Methoxychlor	7.026	7.646	299.2E6	70300991	65.383	63.002
21)	B Endrin ke...	7.265	7.797	672.7E6	142.6E6	66.968	62.981
22)	Mirex	7.457	8.254f	511.7E6	112.7E6	67.186	66.550
23)	Chlordane-1	4.420	0.000	10862750	0	27.968	N.D. #
25)	Chlordane-3	5.500	6.166	868.0E6	164.8E6	705.029	494.563 #
26)	Chlordane-4	5.558	6.238	829.7E6	161.9E6	818.407	399.546 #
27)	Chlordane-5	6.390	0.000	686.8E6	0	1861.961	N.D. #

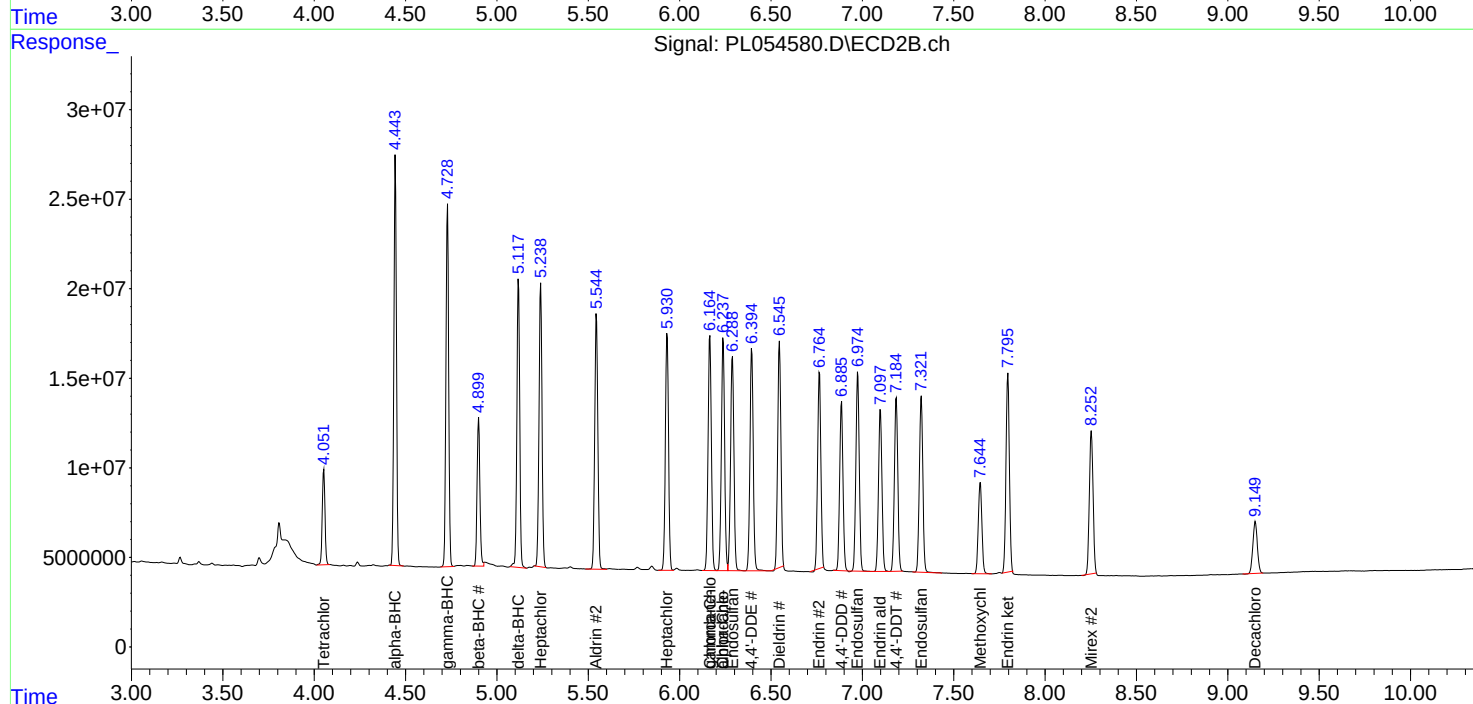
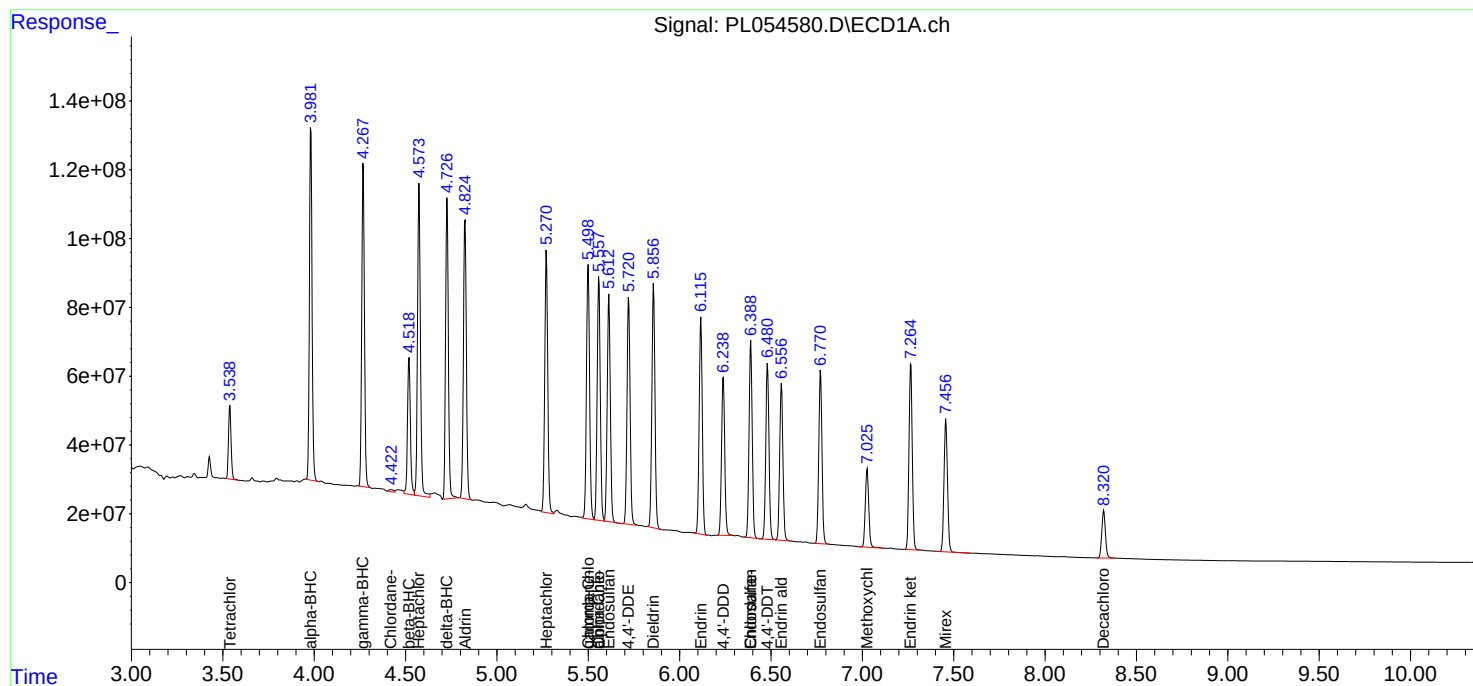
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

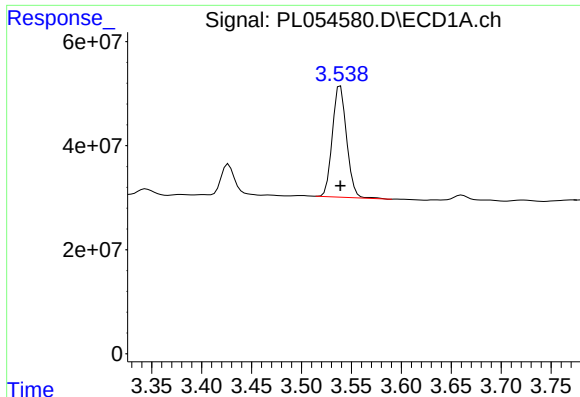
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112219\
Data File : PL054580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Nov 2019 00:45
Operator : SG\AJ
Sample : K5676-25MSD
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-02-112019MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 23 03:59:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL111819.M
Quant Title : GC Extractables
QLast Update : Tue Nov 19 01:04:14 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

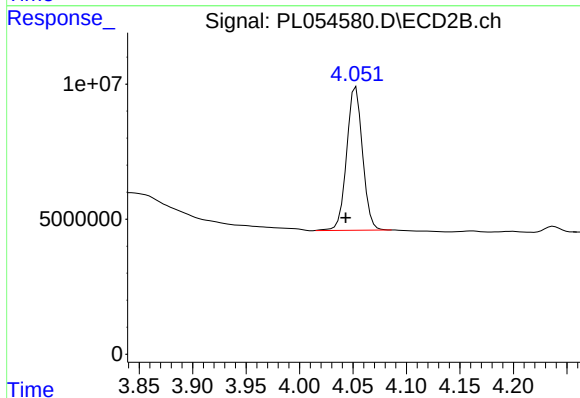




#1 Tetrachloro-m-xylene

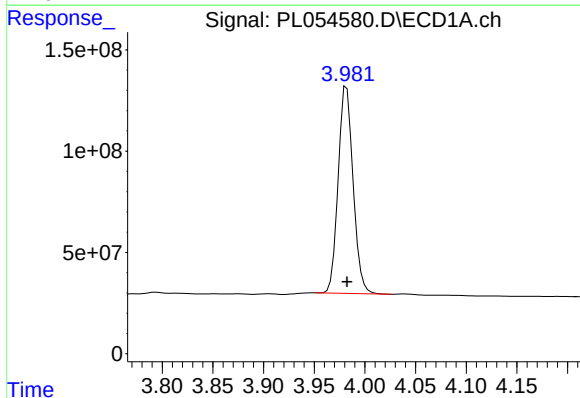
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 212023975
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



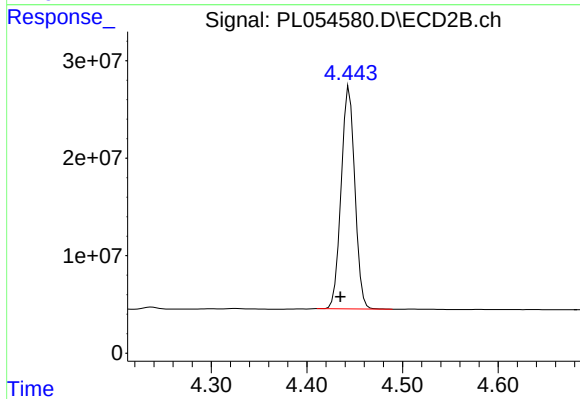
#1 Tetrachloro-m-xylene

R.T.: 4.053 min
Delta R.T.: 0.009 min
Response: 54896903
Conc: 22.53 ng/ml



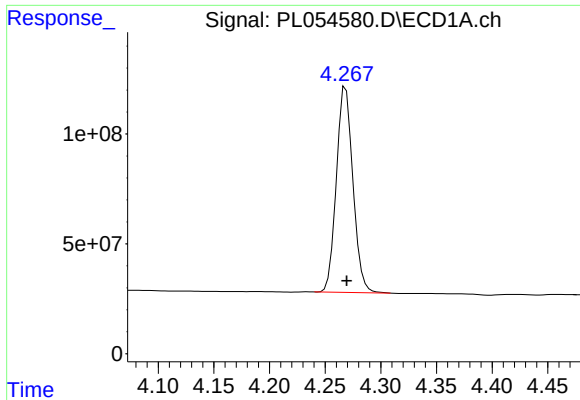
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 1049102696
Conc: 61.58 ng/ml



#2 alpha-BHC

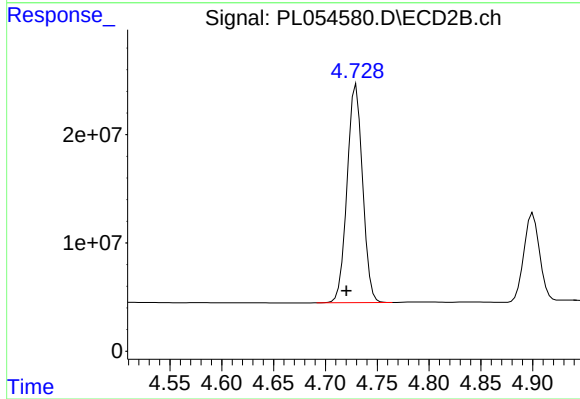
R.T.: 4.444 min
Delta R.T.: 0.009 min
Response: 226927315
Conc: 67.40 ng/ml



#3 gamma-BHC (Lindane)

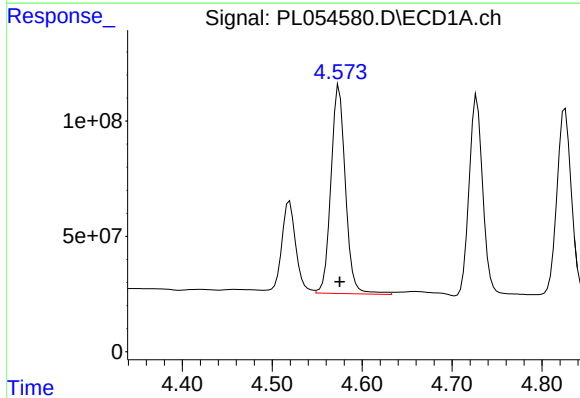
R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 969877957
Conc: 64.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



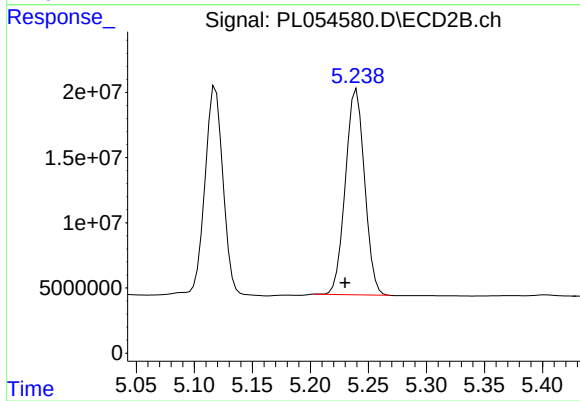
#3 gamma-BHC (Lindane)

R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 209678102
Conc: 68.19 ng/ml



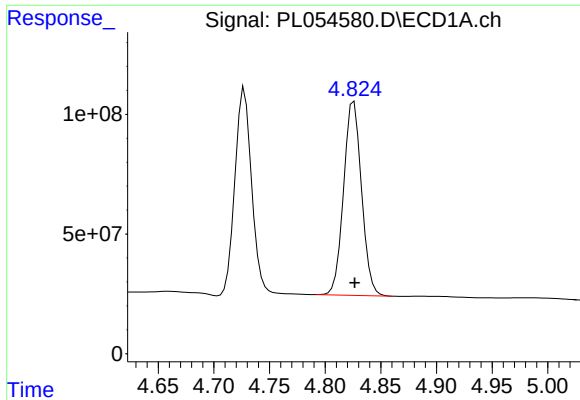
#4 Heptachlor

R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 1010254297
Conc: 65.97 ng/ml



#4 Heptachlor

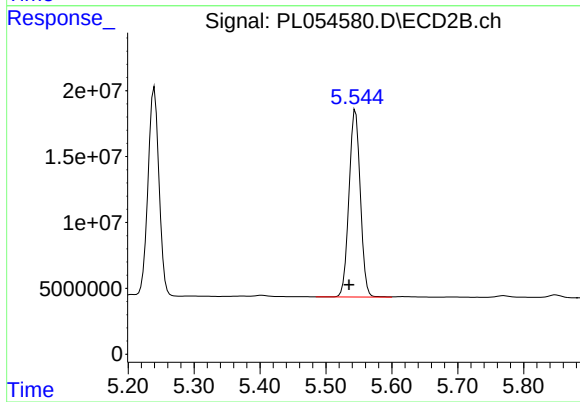
R.T.: 5.240 min
Delta R.T.: 0.010 min
Response: 181436000
Conc: 63.14 ng/ml



#5 Aldrin

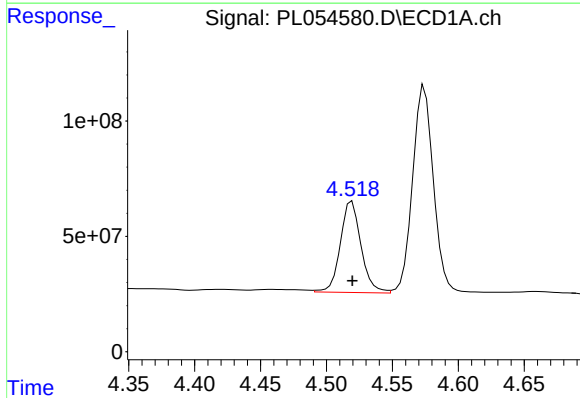
R.T.: 4.826 min
Delta R.T.: 0.000 min
Response: 907424222
Conc: 64.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



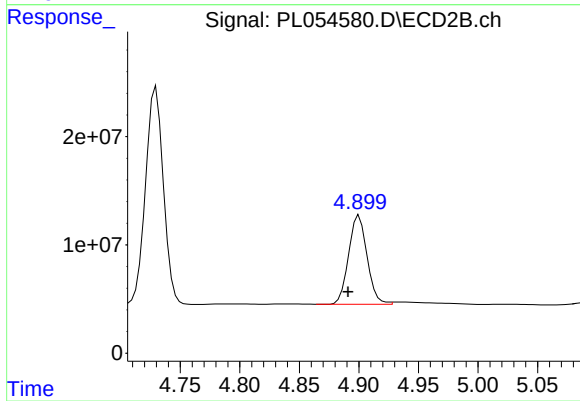
#5 Aldrin

R.T.: 5.545 min
Delta R.T.: 0.009 min
Response: 169917171
Conc: 64.38 ng/ml



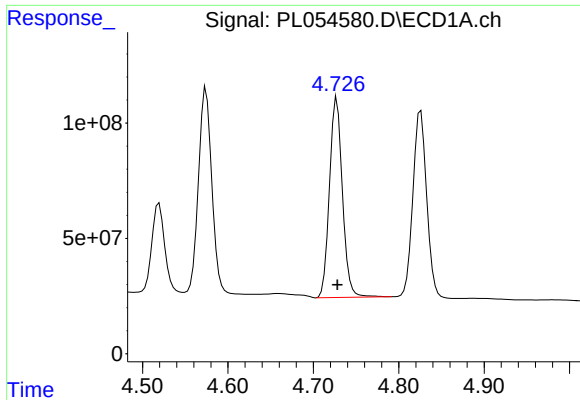
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 431485211
Conc: 67.12 ng/ml



#6 beta-BHC

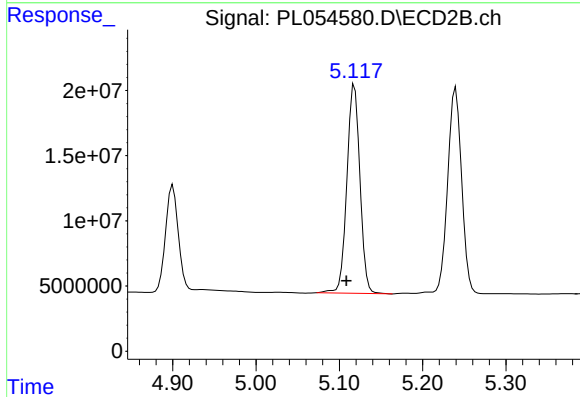
R.T.: 4.900 min
Delta R.T.: 0.009 min
Response: 88691464
Conc: 59.20 ng/ml



#7 delta-BHC

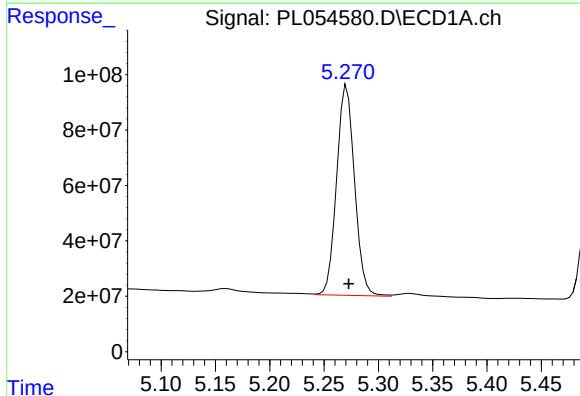
R.T.: 4.728 min
Delta R.T.: 0.000 min
Response: 912986884
Conc: 65.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



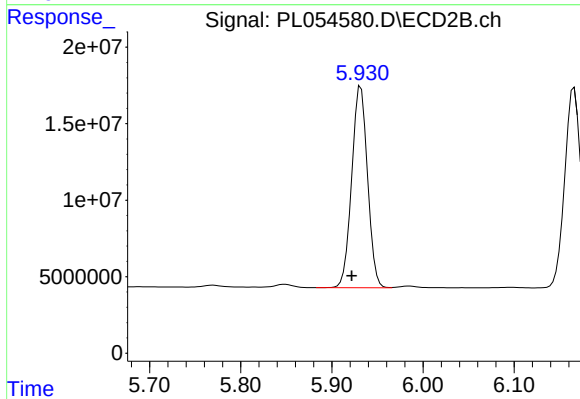
#7 delta-BHC

R.T.: 5.118 min
Delta R.T.: 0.010 min
Response: 174273024
Conc: 69.18 ng/ml



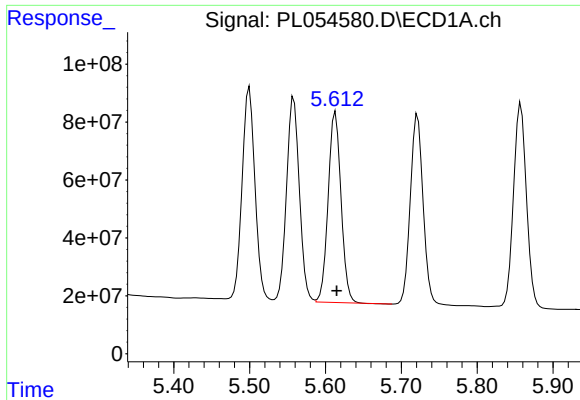
#8 Heptachlor epoxide

R.T.: 5.271 min
Delta R.T.: -0.002 min
Response: 873326324
Conc: 67.62 ng/ml



#8 Heptachlor epoxide

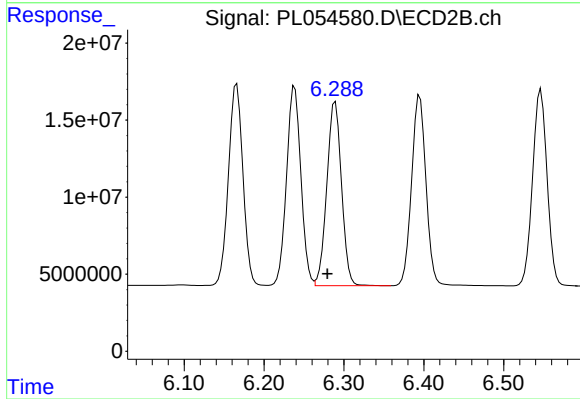
R.T.: 5.932 min
Delta R.T.: 0.010 min
Response: 158834727
Conc: 66.83 ng/ml



#9 Endosulfan I

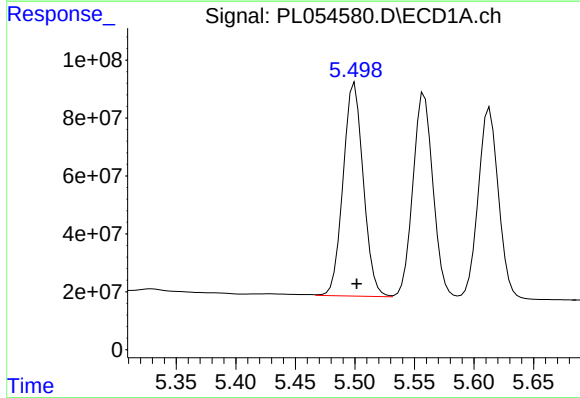
R.T.: 5.613 min
Delta R.T.: -0.002 min
Response: 777064198
Conc: 65.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



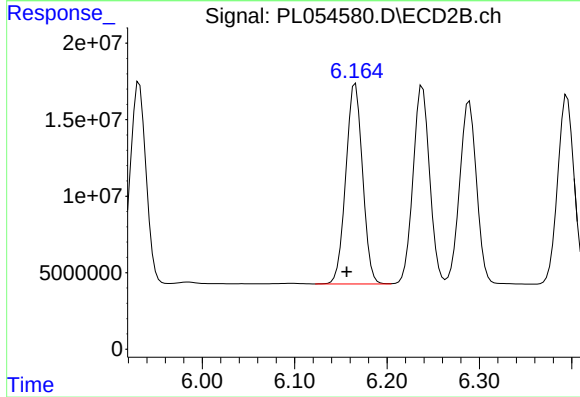
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: 0.010 min
Response: 152355830
Conc: 64.99 ng/ml



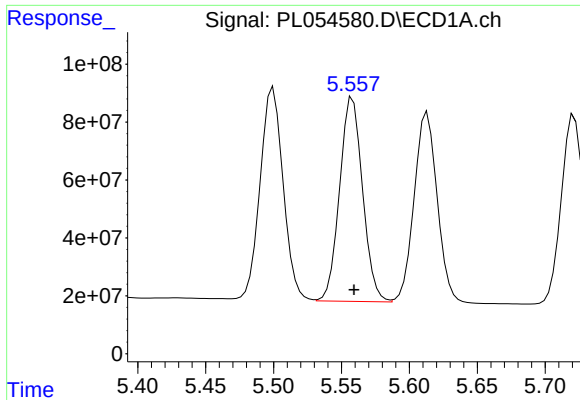
#10 gamma-Chlordane

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 868036194
Conc: 67.61 ng/ml



#10 gamma-Chlordane

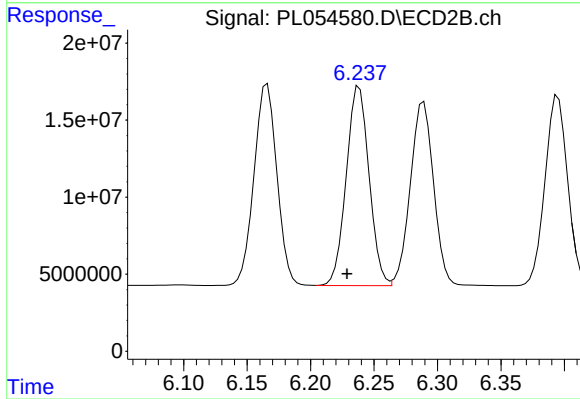
R.T.: 6.166 min
Delta R.T.: 0.010 min
Response: 164771405
Conc: 66.21 ng/ml



#11 alpha-Chlordane

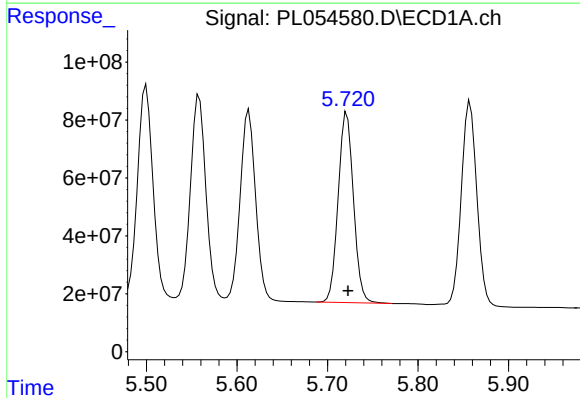
R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 829689211
Conc: 66.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



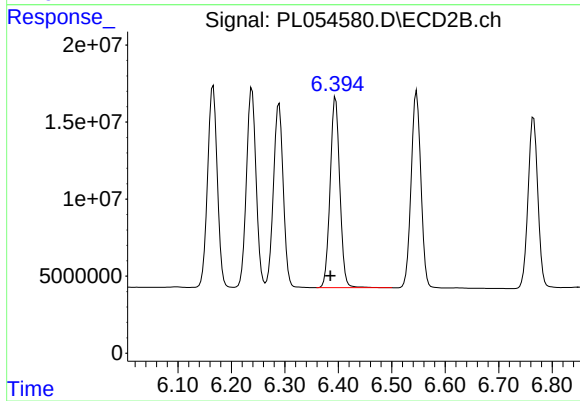
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: 0.010 min
Response: 161861096
Conc: 65.03 ng/ml



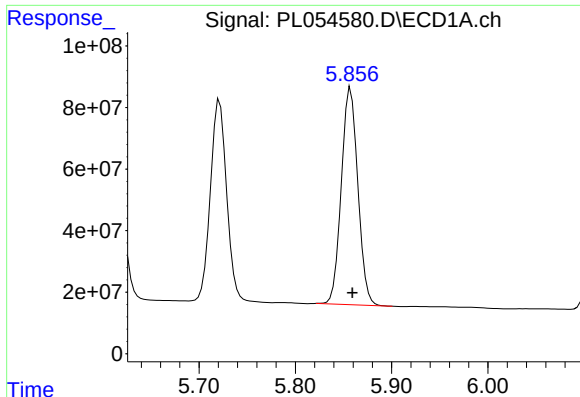
#12 4,4'-DDE

R.T.: 5.721 min
Delta R.T.: -0.001 min
Response: 765287082
Conc: 66.16 ng/ml



#12 4,4'-DDE

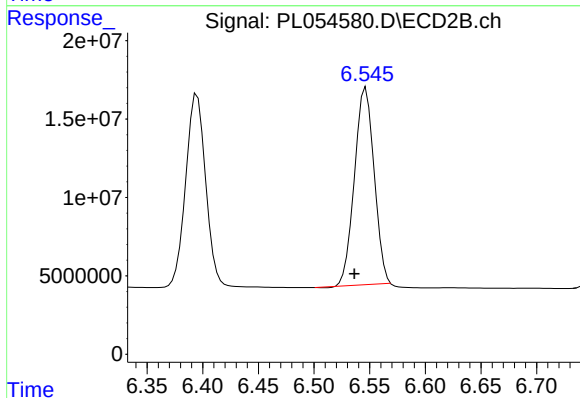
R.T.: 6.395 min
Delta R.T.: 0.010 min
Response: 155447150
Conc: 65.07 ng/ml



#13 Dieldrin

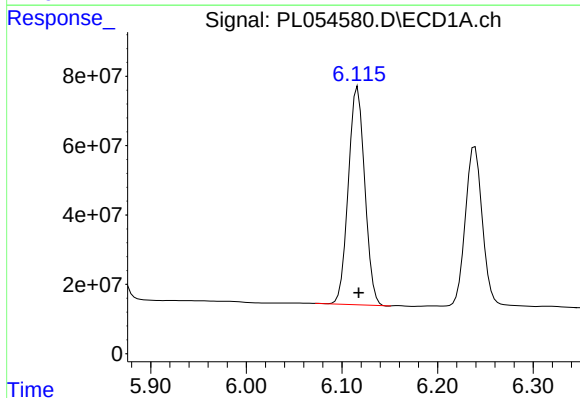
R.T.: 5.858 min
Delta R.T.: -0.002 min
Response: 837240872
Conc: 68.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



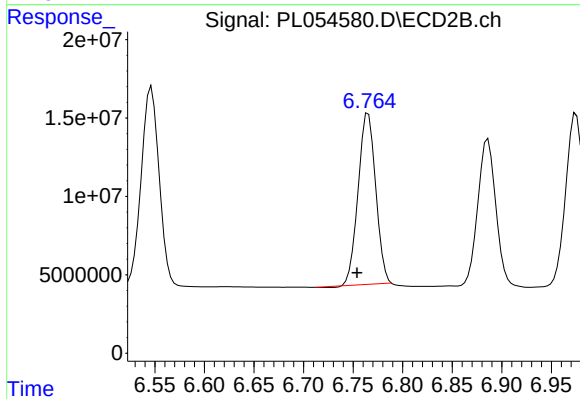
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.010 min
Response: 154606170
Conc: 63.84 ng/ml



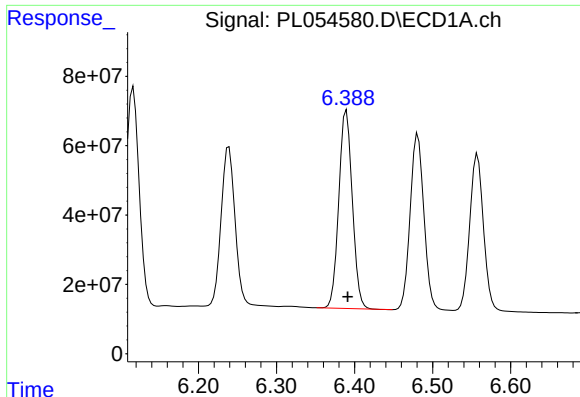
#14 Endrin

R.T.: 6.116 min
Delta R.T.: -0.001 min
Response: 751795436
Conc: 68.06 ng/ml



#14 Endrin

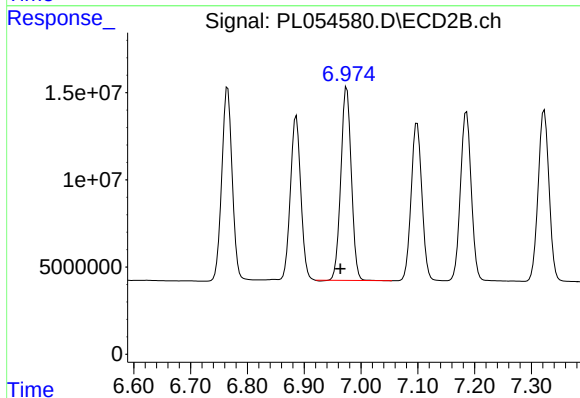
R.T.: 6.765 min
Delta R.T.: 0.011 min
Response: 134735667
Conc: 63.56 ng/ml



#15 Endosulfan II

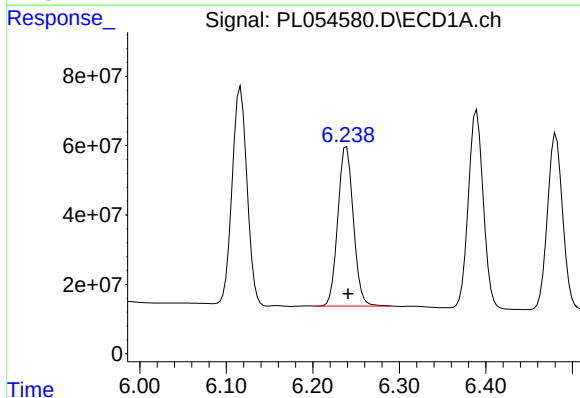
R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 686758556
Conc: 65.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



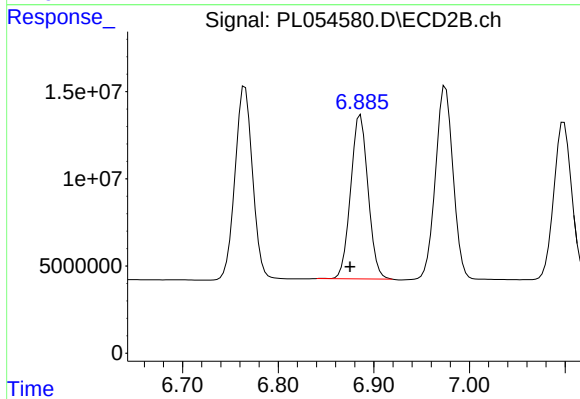
#15 Endosulfan II

R.T.: 6.975 min
Delta R.T.: 0.011 min
Response: 142131845
Conc: 65.38 ng/ml



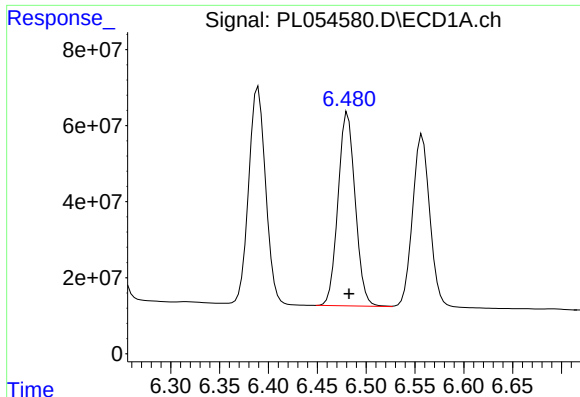
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 569304410
Conc: 69.02 ng/ml



#16 4,4'-DDD

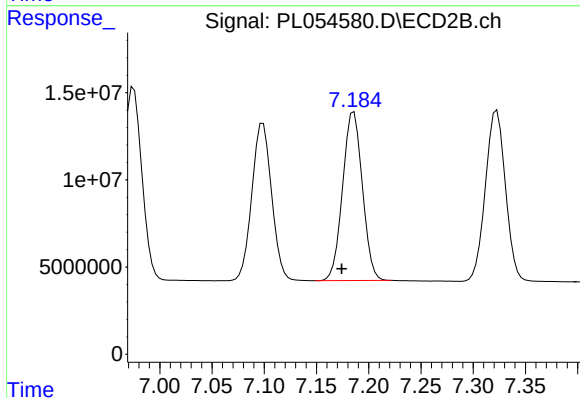
R.T.: 6.886 min
Delta R.T.: 0.011 min
Response: 119223081
Conc: 67.37 ng/ml



#17 4,4'-DDT

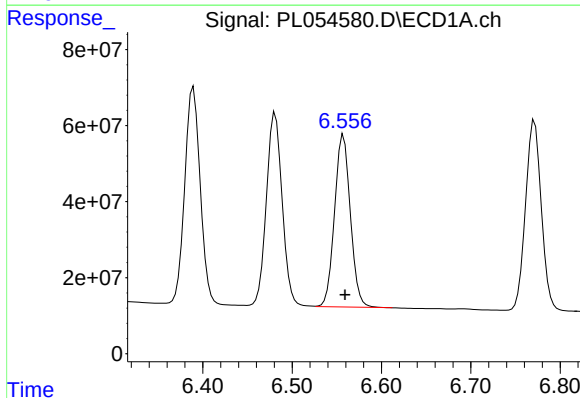
R.T.: 6.481 min
Delta R.T.: -0.001 min
Response: 623507691
Conc: 68.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



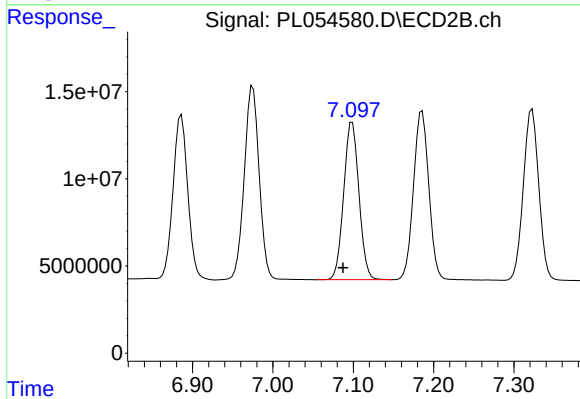
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.012 min
Response: 127262112
Conc: 64.88 ng/ml



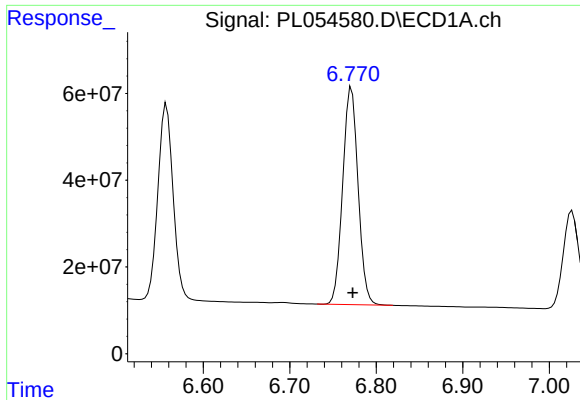
#18 Endrin aldehyde

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 555884504
Conc: 64.91 ng/ml



#18 Endrin aldehyde

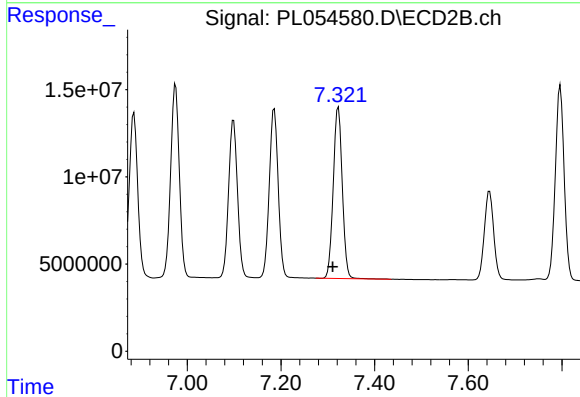
R.T.: 7.099 min
Delta R.T.: 0.012 min
Response: 119267456
Conc: 63.05 ng/ml



#19 Endosulfan Sulfate

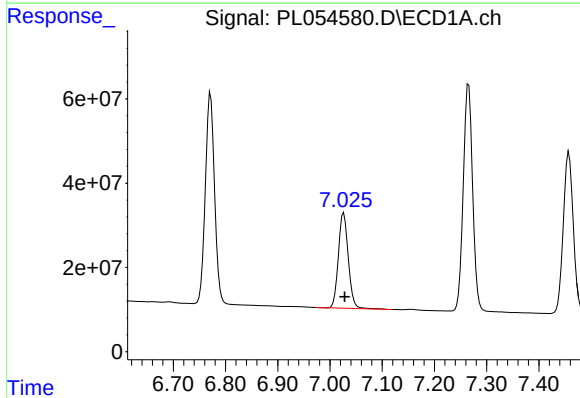
R.T.: 6.771 min
Delta R.T.: -0.001 min
Response: 615179691
Conc: 65.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



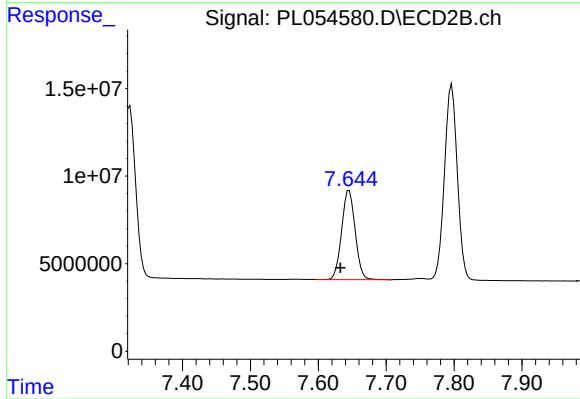
#19 Endosulfan Sulfate

R.T.: 7.323 min
Delta R.T.: 0.012 min
Response: 131636158
Conc: 63.73 ng/ml



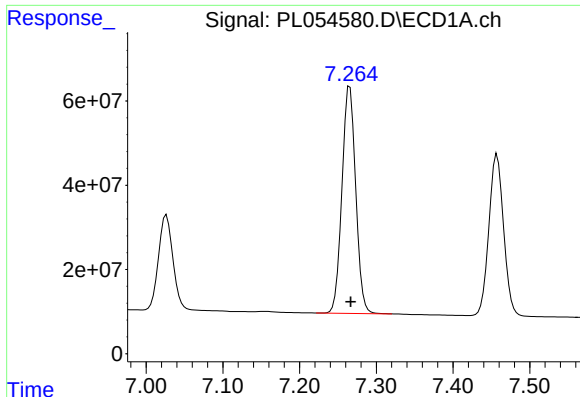
#20 Methoxychlor

R.T.: 7.026 min
Delta R.T.: -0.001 min
Response: 299247749
Conc: 65.38 ng/ml



#20 Methoxychlor

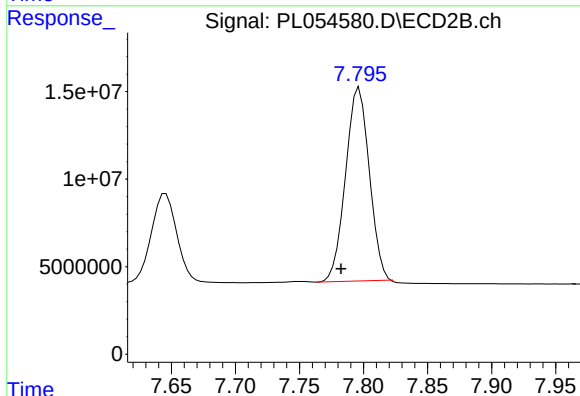
R.T.: 7.646 min
Delta R.T.: 0.013 min
Response: 70300991
Conc: 63.00 ng/ml



#21 Endrin ketone

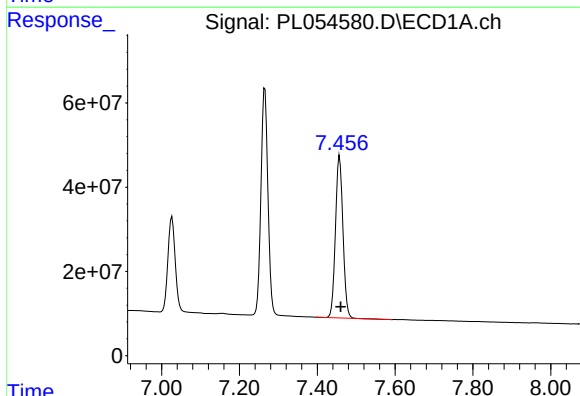
R.T.: 7.265 min
Delta R.T.: -0.001 min
Response: 672721135
Conc: 66.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



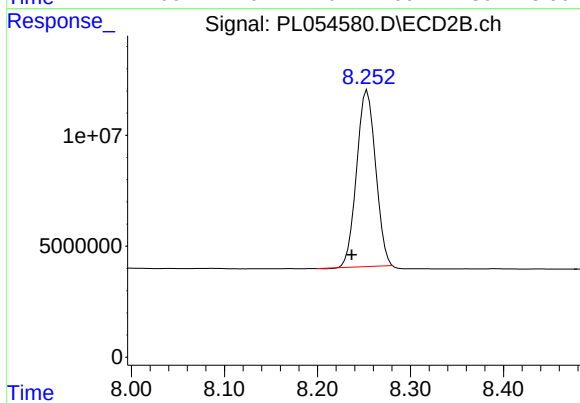
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.014 min
Response: 142624007
Conc: 62.98 ng/ml



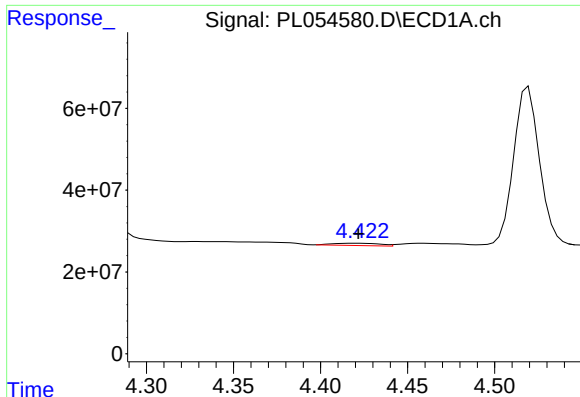
#22 Mirex

R.T.: 7.457 min
Delta R.T.: -0.003 min
Response: 511731086
Conc: 67.19 ng/ml



#22 Mirex

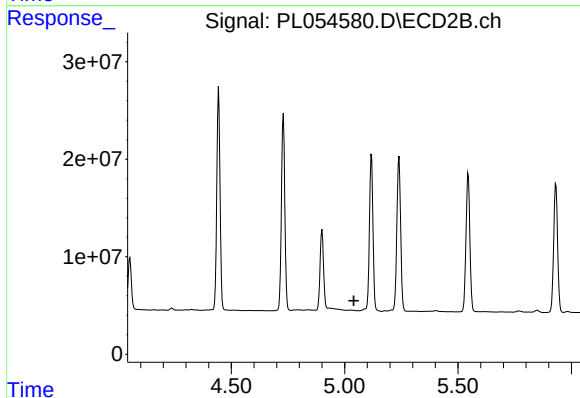
R.T.: 8.254 min
Delta R.T.: 0.017 min
Response: 112729918
Conc: 66.55 ng/ml



#23 Chlordane-1

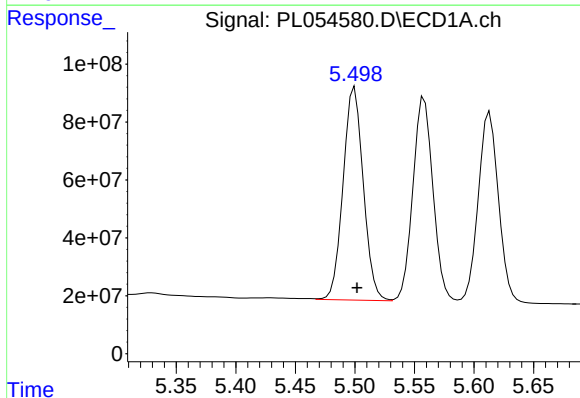
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 10862750
Conc: 27.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



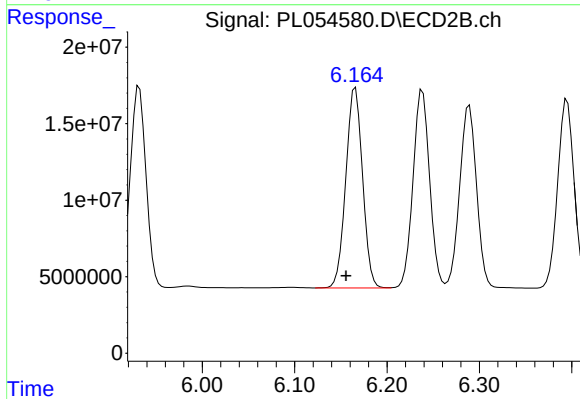
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.041 min
Response: 0
Conc: N.D.



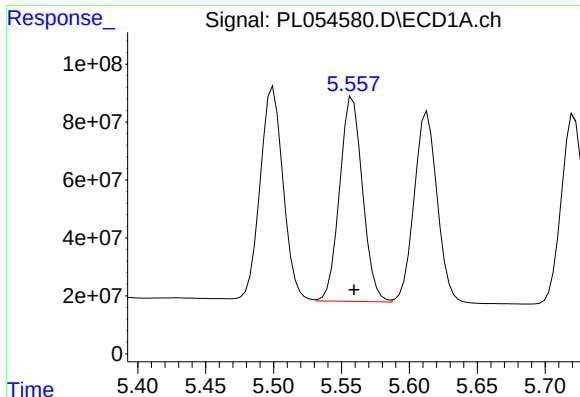
#25 Chlordane-3

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 868036194
Conc: 705.03 ng/ml



#25 Chlordane-3

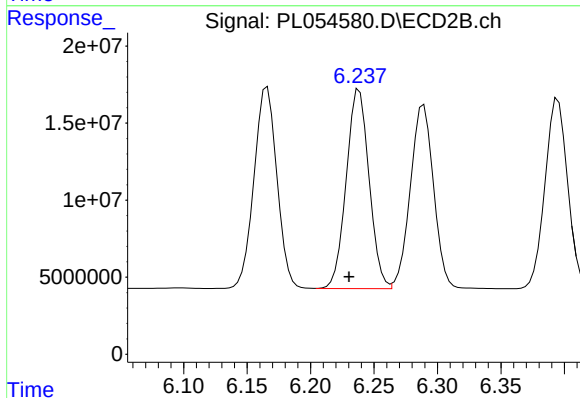
R.T.: 6.166 min
Delta R.T.: 0.010 min
Response: 164771405
Conc: 494.56 ng/ml



#26 Chlordane-4

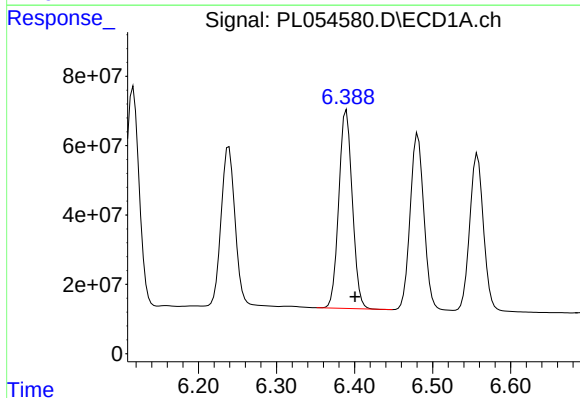
R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 829689211
Conc: 818.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



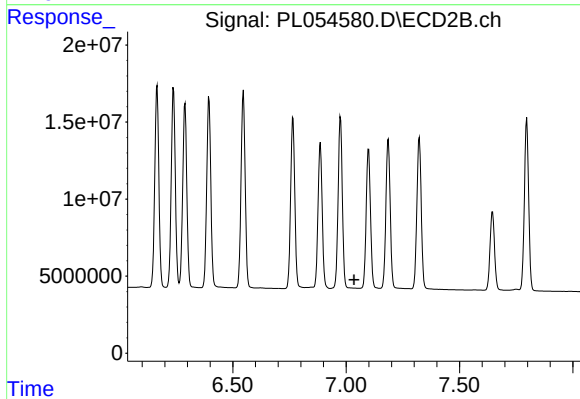
#26 Chlordane-4

R.T.: 6.238 min
Delta R.T.: 0.008 min
Response: 161861096
Conc: 399.55 ng/ml



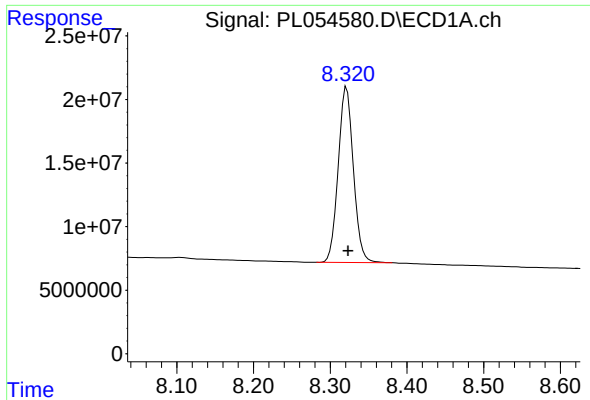
#27 Chlordane-5

R.T.: 6.390 min
Delta R.T.: -0.011 min
Response: 686758556
Conc: 1861.96 ng/ml



#27 Chlordane-5

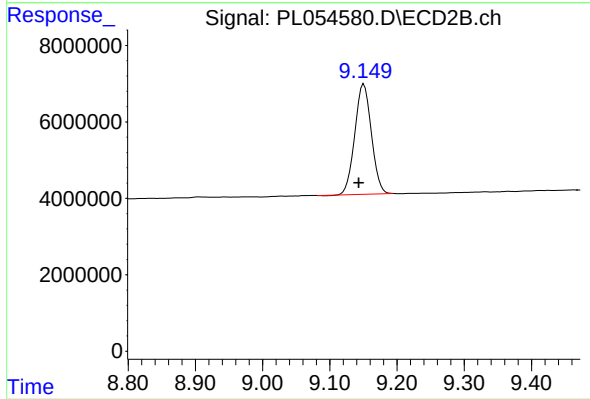
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.321 min
Delta R.T.: -0.002 min
Response: 189922838
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-112019MSD



#28 Decachlorobiphenyl

R.T.: 9.151 min
Delta R.T.: 0.008 min
Response: 49402907
Conc: 20.43 ng/ml