

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052419\
 Data File : PL048974.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2019 03:56
 Operator : SM\AJ
 Sample : K2993-05MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-5_1.5-2.0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 04:50:37 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 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...	3.326	3.937	216.8E6	58334814	22.380	23.419
28)	SA Decachlor...	7.993	8.972	181.8E6	51242360	18.083	19.305
Target Compounds							
2)	A alpha-BHC	3.754	4.325	1154.7E6	273.8E6	74.654	77.964
3)	MA gamma-BHC...	4.030	4.609	1071.5E6	246.4E6	75.408	75.435
4)	MA Heptachlor	4.314	5.112	1101.9E6	249.0E6	74.899	71.922
5)	MB Aldrin	4.553	5.415	1047.2E6	228.4E6	76.431	73.760
6)	B beta-BHC	4.283	4.784	442.7E6	111.1E6	75.009	71.418
7)	B delta-BHC	4.477	4.998	859.7E6	164.1E6	60.888	58.030
8)	B Heptachlor...	4.990	5.801	947.4E6	205.7E6	73.526	70.532
9)	A Endosulfan I	5.320	6.156	798.7E6	181.7E6	66.390	64.265
10)	B gamma-Chl...	5.212	6.035	986.1E6	217.0E6	73.850	70.491
11)	B alpha-Chl...	5.268	6.107	947.2E6	215.4E6	72.450	70.195
12)	B 4,4'-DDE	5.435	6.267	931.6E6	203.5E6	73.436	73.695
13)	MA Dieldrin	5.559	6.413	946.8E6	212.1E6	72.713	72.296
14)	MA Endrin	5.812	6.629	844.4E6	176.8E6	69.359	67.798
15)	B Endosulfa...	6.087	6.840	723.4E6	169.3E6	62.685	62.771
16)	A 4,4'-DDD	5.947	6.756	683.8E6	160.3E6	70.246	71.423
17)	MA 4,4'-DDT	6.180	7.053	686.3E6	157.9E6	68.310	67.290
18)	B Endrin al...	6.253	6.965	503.1E6	121.1E6	51.764	51.693
19)	B Endosulfa...	6.465	7.187	559.9E6	153.2E6	52.168	59.176
20)	A Methoxychlor	6.725	7.514	317.4E6	81286033	58.304	59.542
21)	B Endrin ke...	6.947	7.656	673.5E6	158.8E6	57.784	60.768
22)	Mirex	7.120	8.106	740.3E6	181.8E6	82.590	86.198
24)	Chlordane-2	0.000	5.415f	0	228.4E6	N.D.	1765.969 #
25)	Chlordane-3	5.212	6.035	986.1E6	217.0E6	626.248	495.211
26)	Chlordane-4	5.268	6.107	947.2E6	215.4E6	652.410	410.553 #
27)	Chlordane-5	6.087	0.000	723.4E6	0	1540.649	N.D. #

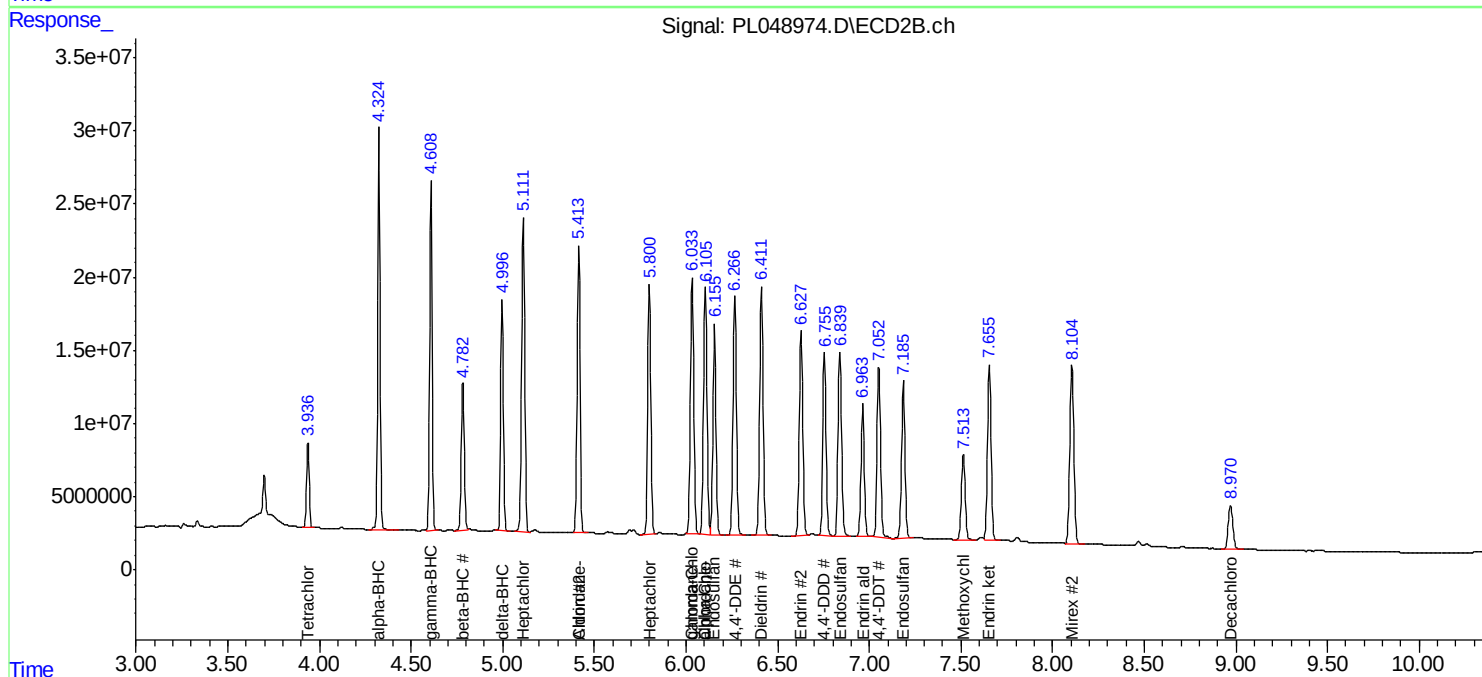
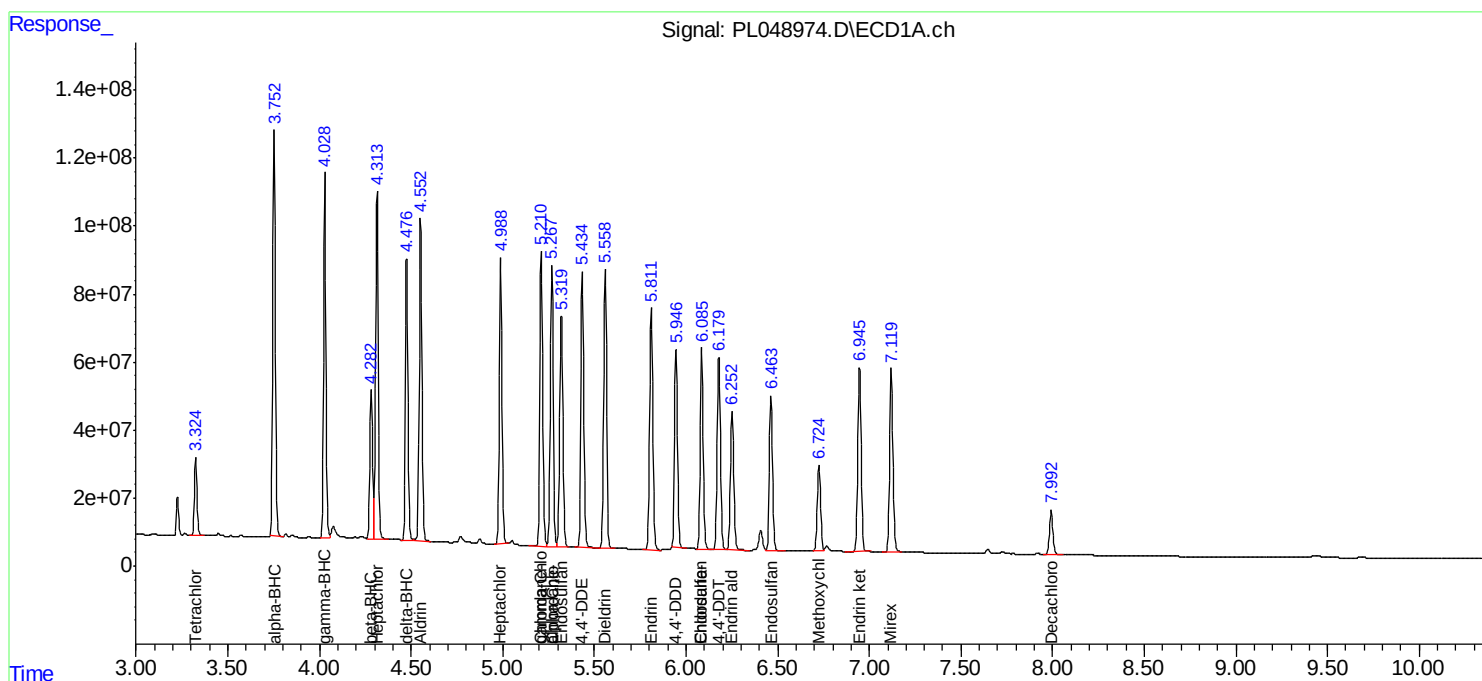
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

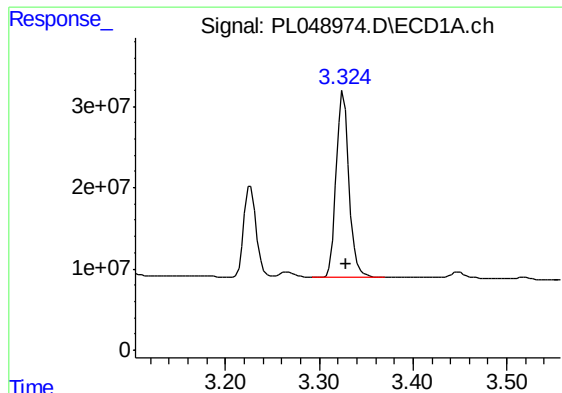
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052419\
Data File : PL048974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

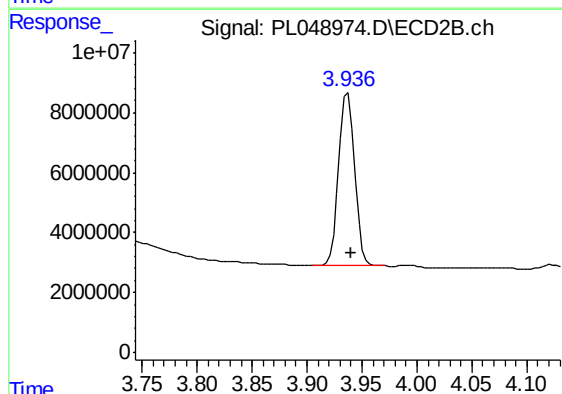




#1 Tetrachloro-m-xylene

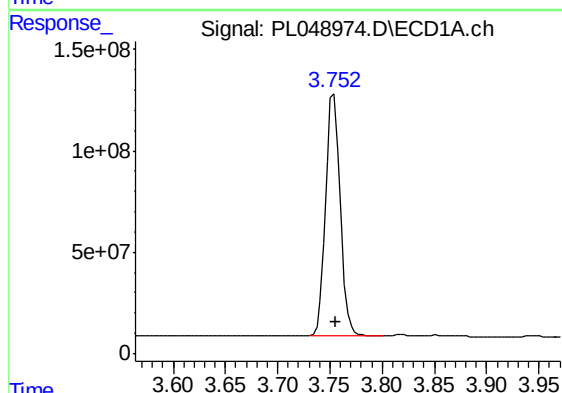
R.T.: 3.326 min
Delta R.T.: -0.002 min
Response: 216788493
Conc: 22.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



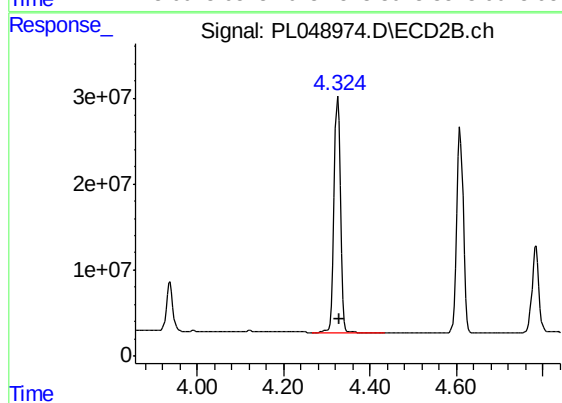
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: -0.002 min
Response: 58334814
Conc: 23.42 ng/ml



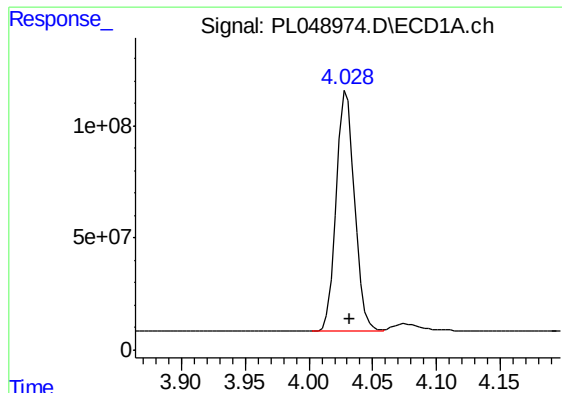
#2 alpha-BHC

R.T.: 3.754 min
Delta R.T.: -0.002 min
Response: 1154707210
Conc: 74.65 ng/ml



#2 alpha-BHC

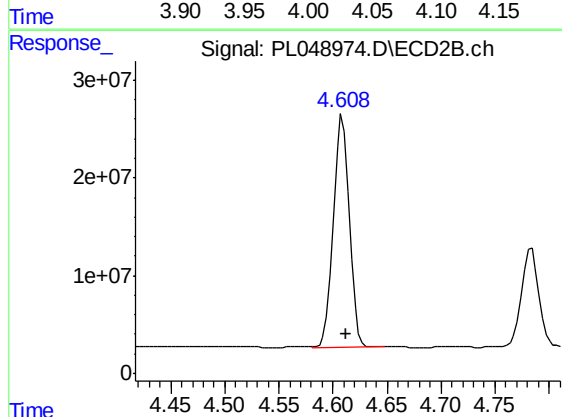
R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 273808818
Conc: 77.96 ng/ml



#3 gamma-BHC (Lindane)

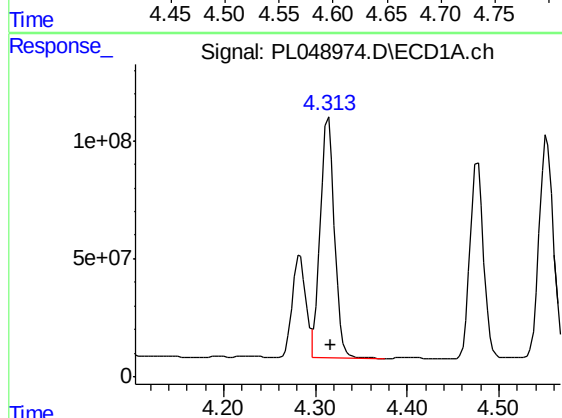
R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 1071484004
Conc: 75.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



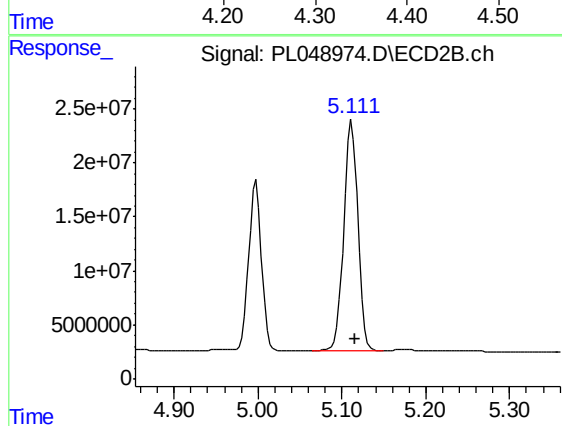
#3 gamma-BHC (Lindane)

R.T.: 4.609 min
Delta R.T.: -0.002 min
Response: 246381430
Conc: 75.43 ng/ml



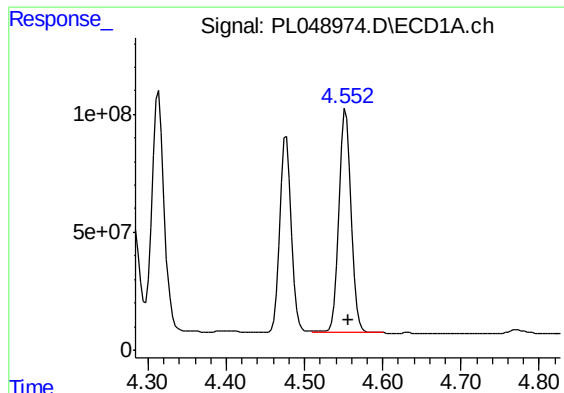
#4 Heptachlor

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 1101922140
Conc: 74.90 ng/ml



#4 Heptachlor

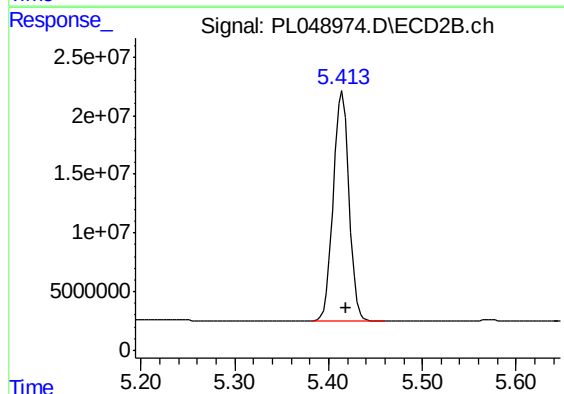
R.T.: 5.112 min
Delta R.T.: -0.004 min
Response: 248981404
Conc: 71.92 ng/ml



#5 Aldrin

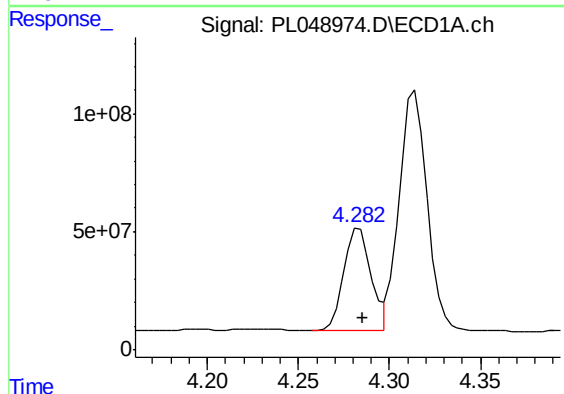
R.T.: 4.553 min
Delta R.T.: -0.003 min
Response: 1047226029
Conc: 76.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



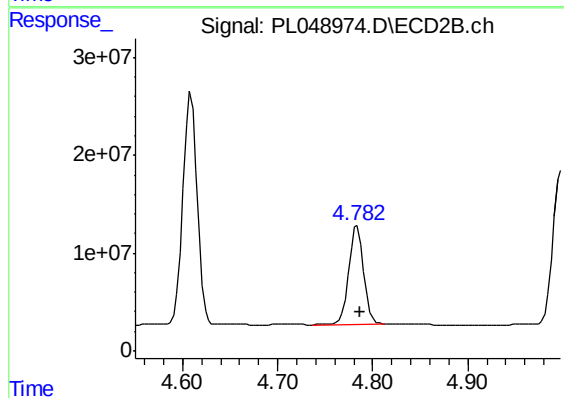
#5 Aldrin

R.T.: 5.415 min
Delta R.T.: -0.004 min
Response: 228408245
Conc: 73.76 ng/ml



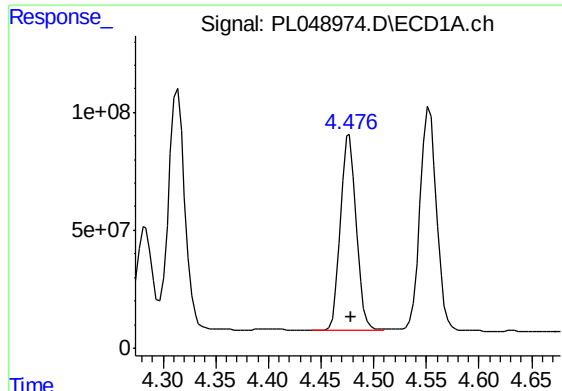
#6 beta-BHC

R.T.: 4.283 min
Delta R.T.: -0.002 min
Response: 442671418
Conc: 75.01 ng/ml



#6 beta-BHC

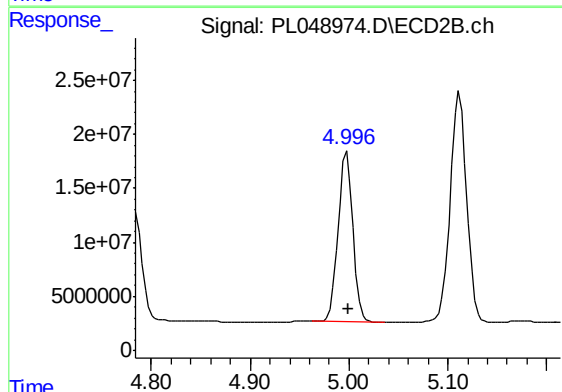
R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 111127409
Conc: 71.42 ng/ml



#7 delta-BHC

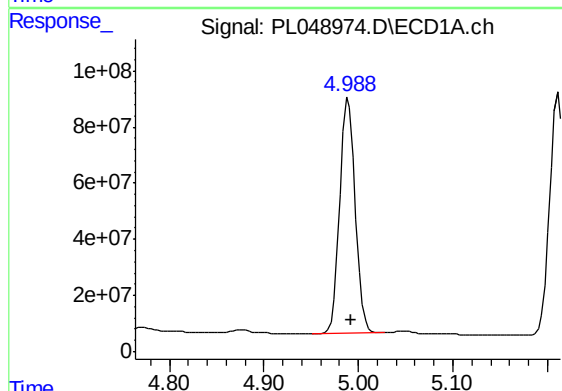
R.T.: 4.477 min
Delta R.T.: -0.002 min
Response: 859663493
Conc: 60.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



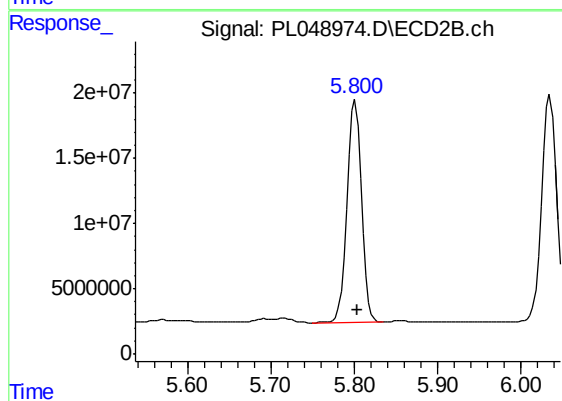
#7 delta-BHC

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 164101341
Conc: 58.03 ng/ml



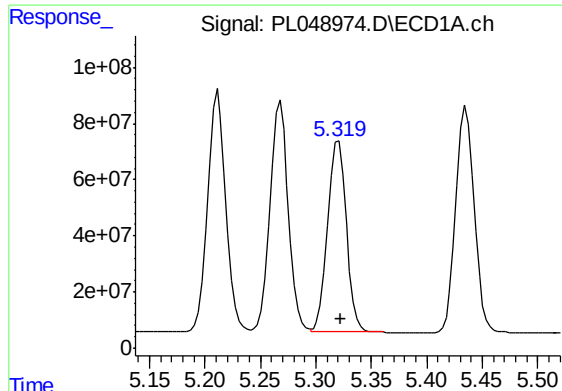
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 947354525
Conc: 73.53 ng/ml



#8 Heptachlor epoxide

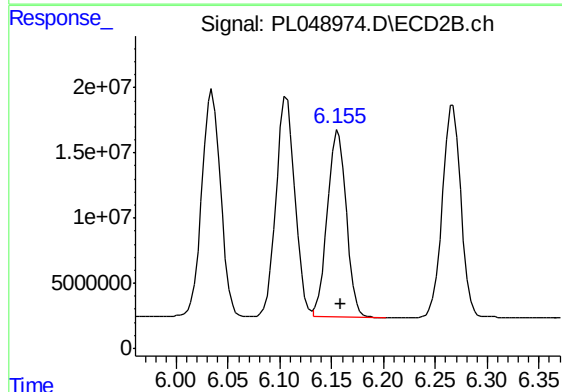
R.T.: 5.801 min
Delta R.T.: -0.003 min
Response: 205722885
Conc: 70.53 ng/ml



#9 Endosulfan I

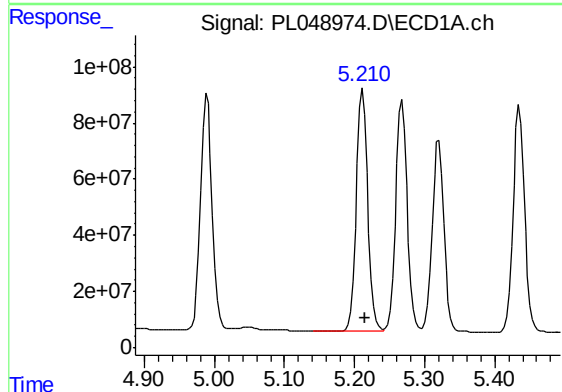
R.T.: 5.320 min
Delta R.T.: -0.002 min
Response: 798668826
Conc: 66.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



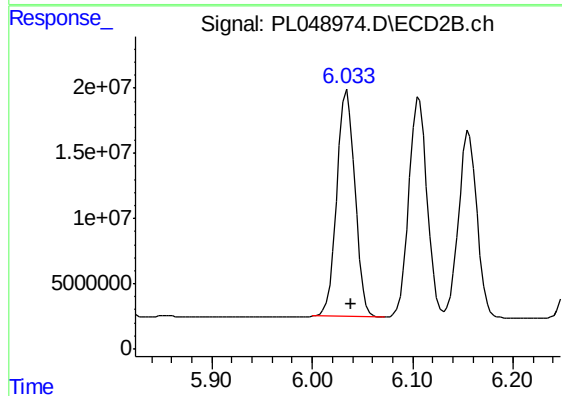
#9 Endosulfan I

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 181707495
Conc: 64.26 ng/ml



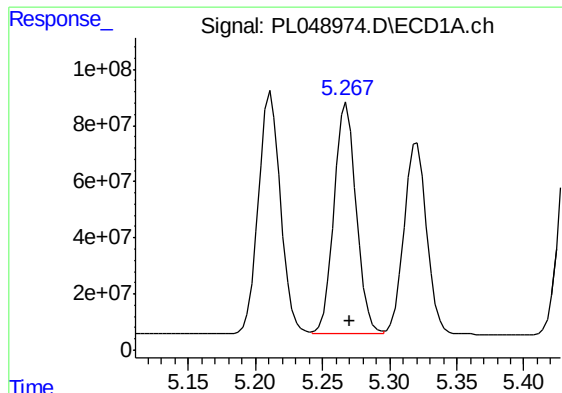
#10 gamma-Chlordane

R.T.: 5.212 min
Delta R.T.: -0.003 min
Response: 986063465
Conc: 73.85 ng/ml



#10 gamma-Chlordane

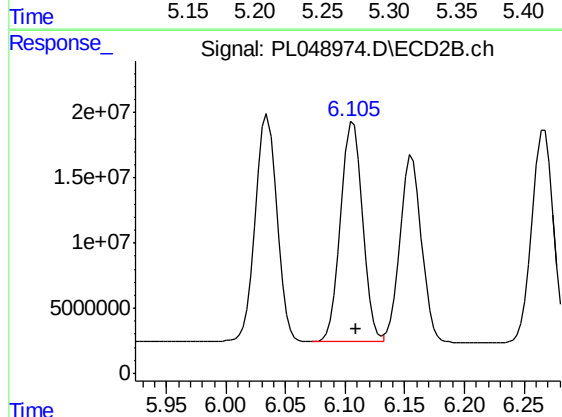
R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 217016835
Conc: 70.49 ng/ml



#11 alpha-Chlordane

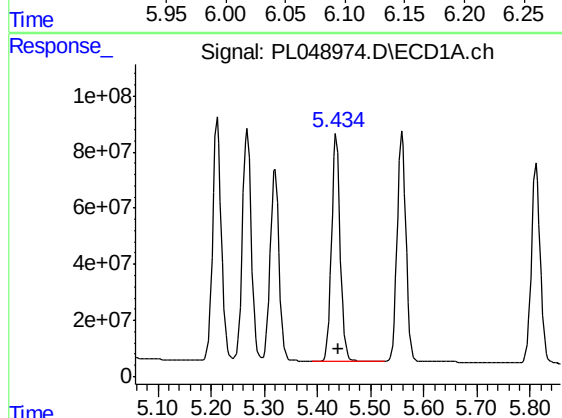
R.T.: 5.268 min
Delta R.T.: -0.003 min
Response: 947183690
Conc: 72.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



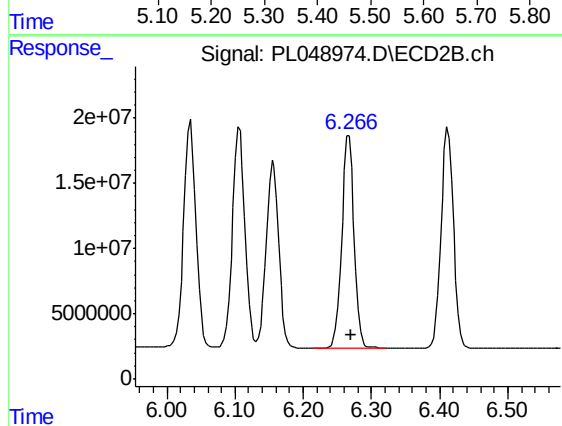
#11 alpha-Chlordane

R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 215376276
Conc: 70.19 ng/ml



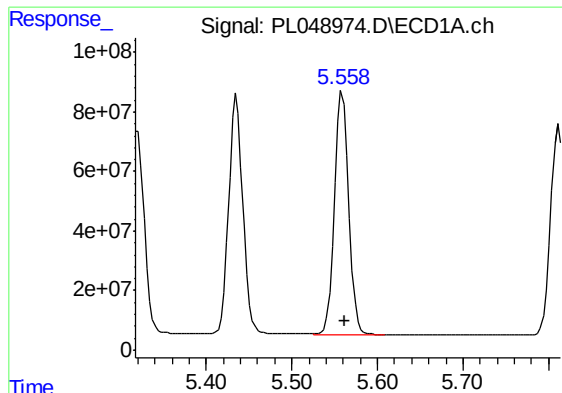
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: -0.003 min
Response: 931557265
Conc: 73.44 ng/ml



#12 4,4'-DDE

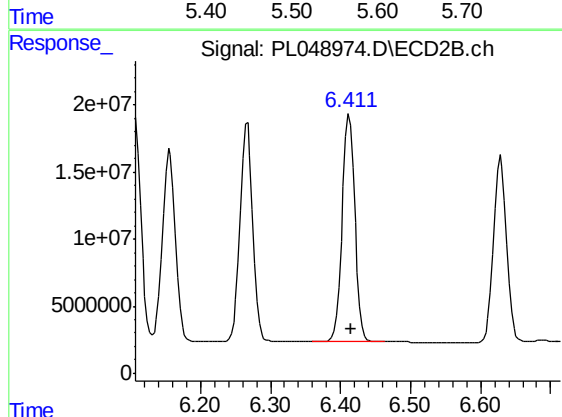
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 203465280
Conc: 73.69 ng/ml



#13 Dielldrin

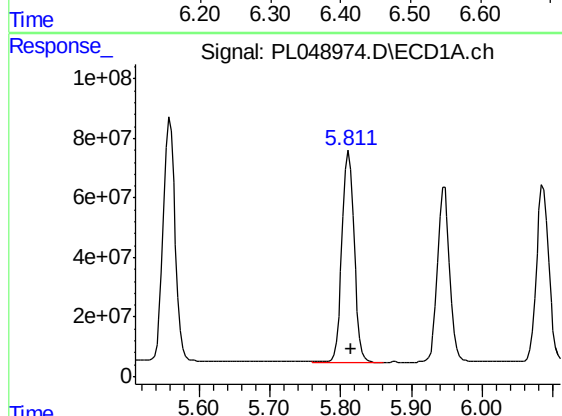
R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 946781060
Conc: 72.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



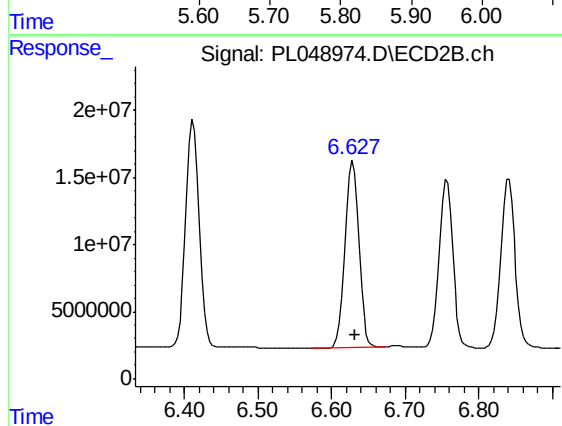
#13 Dielldrin

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 212091071
Conc: 72.30 ng/ml



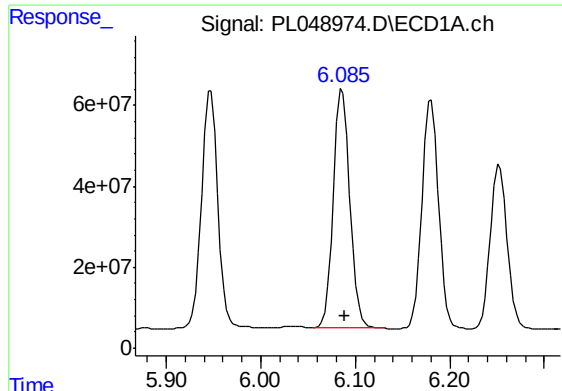
#14 Endrin

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 844377538
Conc: 69.36 ng/ml



#14 Endrin

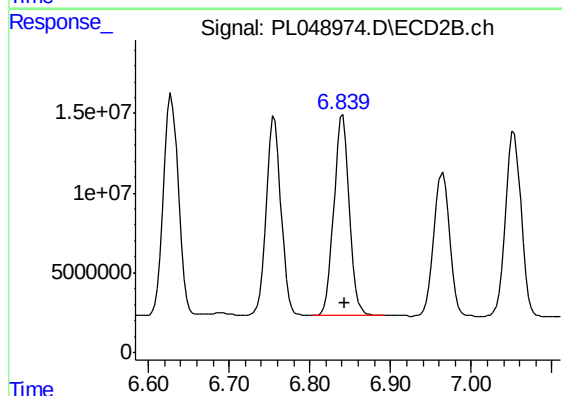
R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 176777182
Conc: 67.80 ng/ml



#15 Endosulfan II

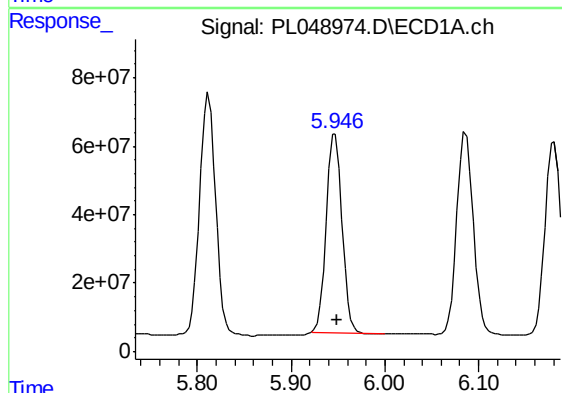
R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 723421349
Conc: 62.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



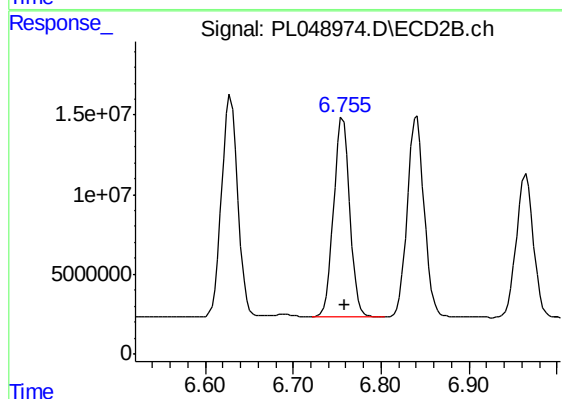
#15 Endosulfan II

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 169268797
Conc: 62.77 ng/ml



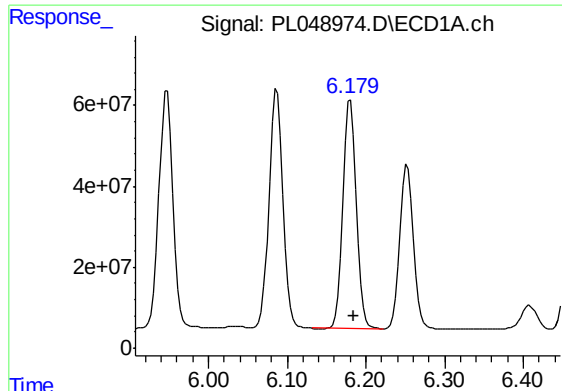
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 683780758
Conc: 70.25 ng/ml



#16 4,4'-DDD

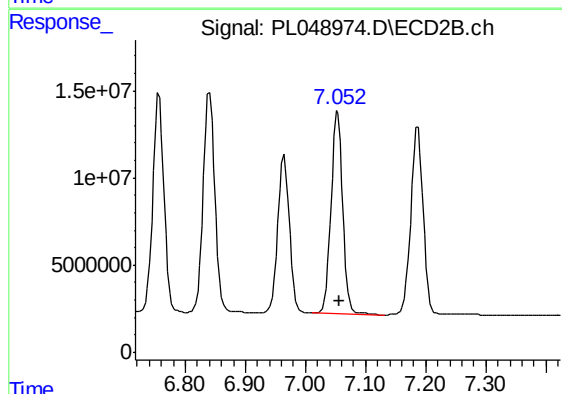
R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 160276145
Conc: 71.42 ng/ml



#17 4,4'-DDT

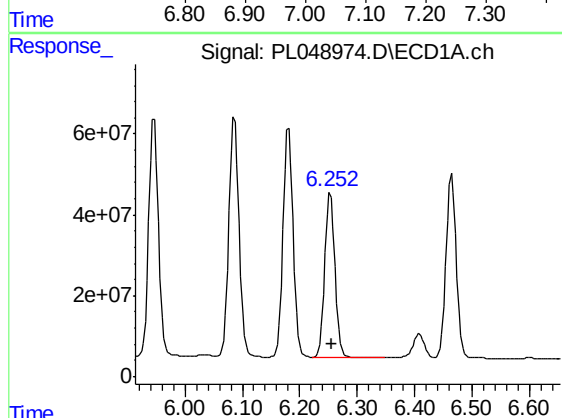
R.T.: 6.180 min
Delta R.T.: -0.003 min
Response: 686279068
Conc: 68.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



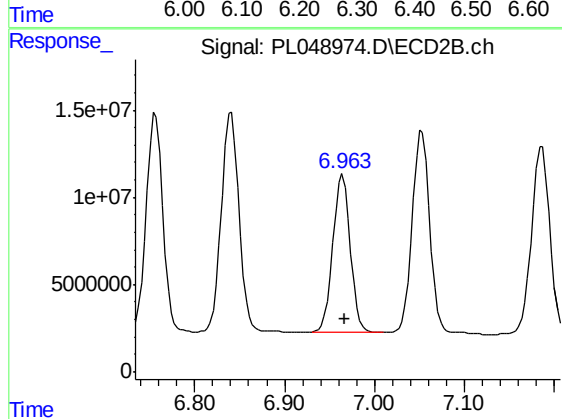
#17 4,4'-DDT

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 157904436
Conc: 67.29 ng/ml



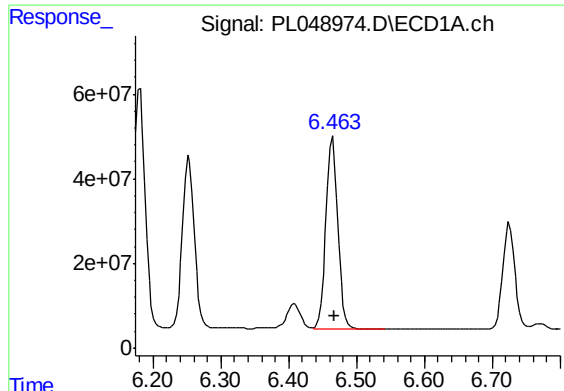
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 503053538
Conc: 51.76 ng/ml



#18 Endrin aldehyde

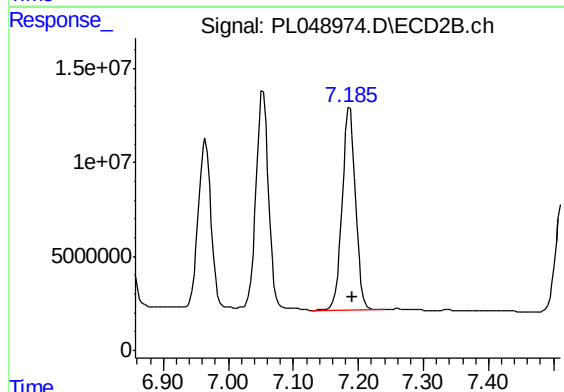
R.T.: 6.965 min
Delta R.T.: -0.003 min
Response: 121140999
Conc: 51.69 ng/ml



#19 Endosulfan Sulfate

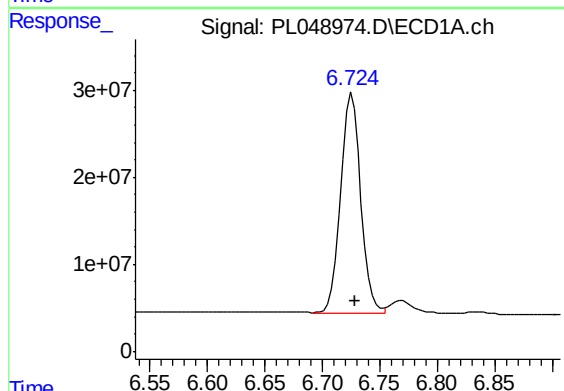
R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 559903417
Conc: 52.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



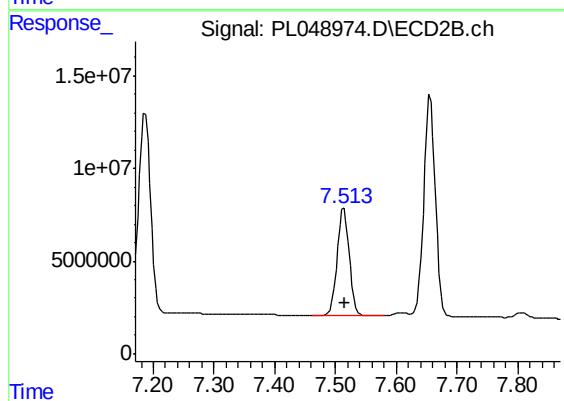
#19 Endosulfan Sulfate

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 153159097
Conc: 59.18 ng/ml



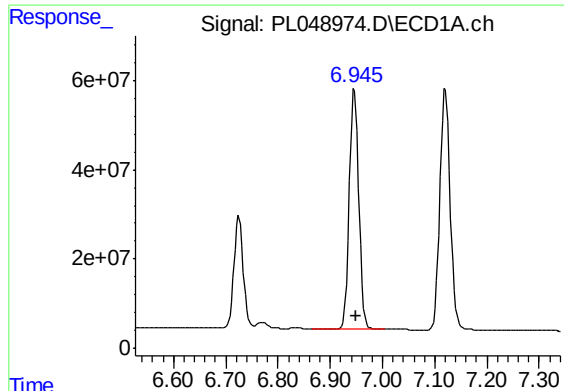
#20 Methoxychlor

R.T.: 6.725 min
Delta R.T.: -0.003 min
Response: 317447475
Conc: 58.30 ng/ml



#20 Methoxychlor

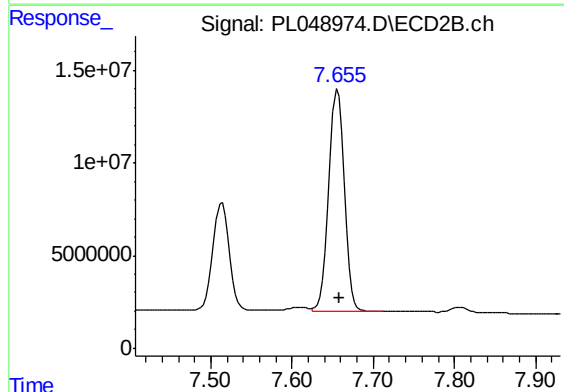
R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 81286033
Conc: 59.54 ng/ml



#21 Endrin ketone

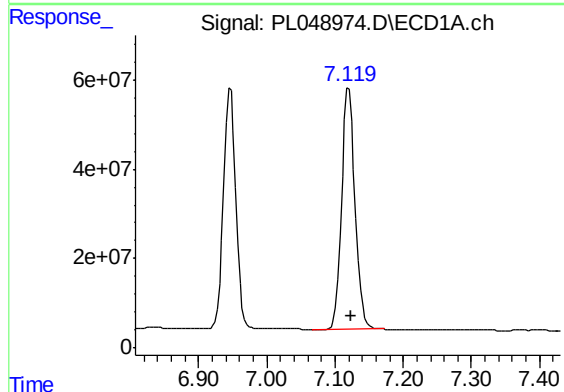
R.T.: 6.947 min
Delta R.T.: -0.003 min
Response: 673476235
Conc: 57.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



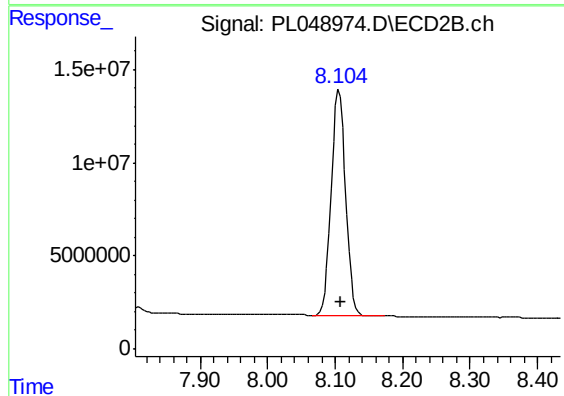
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.002 min
Response: 158774079
Conc: 60.77 ng/ml



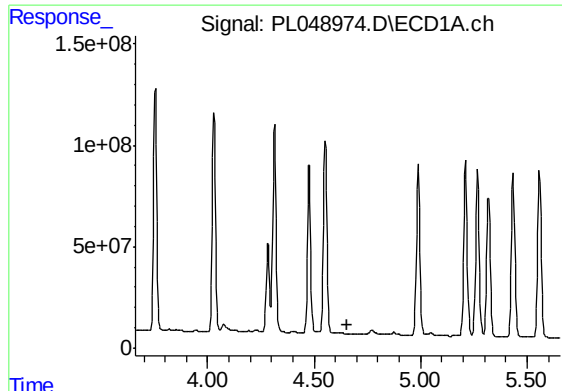
#22 Mirex

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 740326672
Conc: 82.59 ng/ml



#22 Mirex

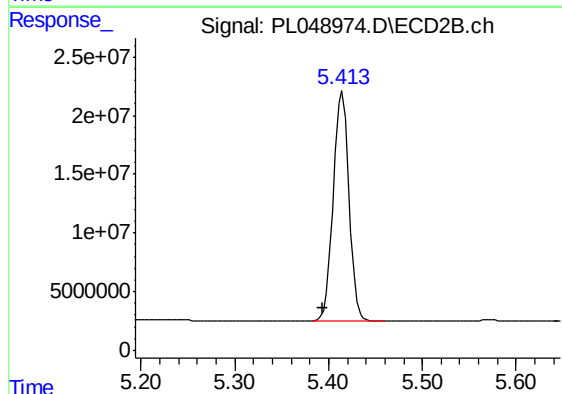
R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 181781095
Conc: 86.20 ng/ml



#24 Chlordane-2

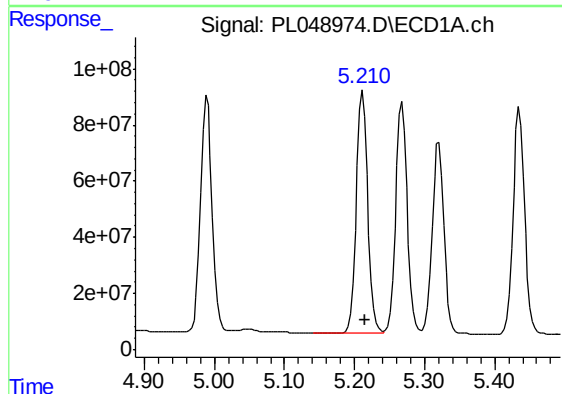
R.T.: 0.000 min
Exp R.T.: 4.658 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



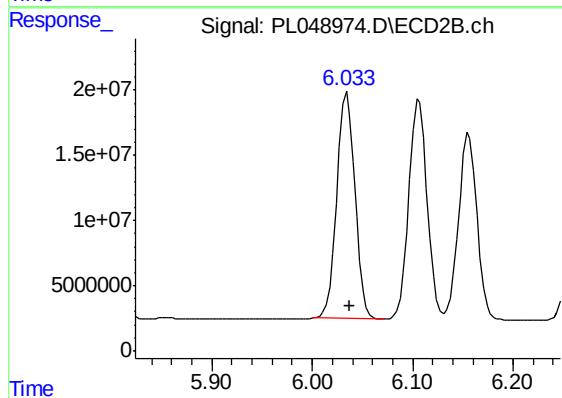
#24 Chlordane-2

R.T.: 5.415 min
Delta R.T.: 0.021 min
Response: 228408245
Conc: 1765.97 ng/ml



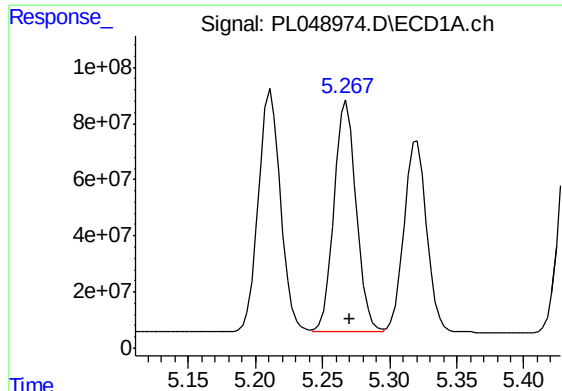
#25 Chlordane-3

R.T.: 5.212 min
Delta R.T.: -0.004 min
Response: 986063465
Conc: 626.25 ng/ml



#25 Chlordane-3

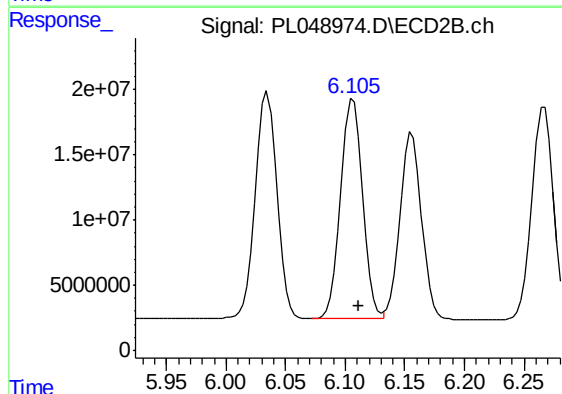
R.T.: 6.035 min
Delta R.T.: -0.003 min
Response: 217016835
Conc: 495.21 ng/ml



#26 Chlordane-4

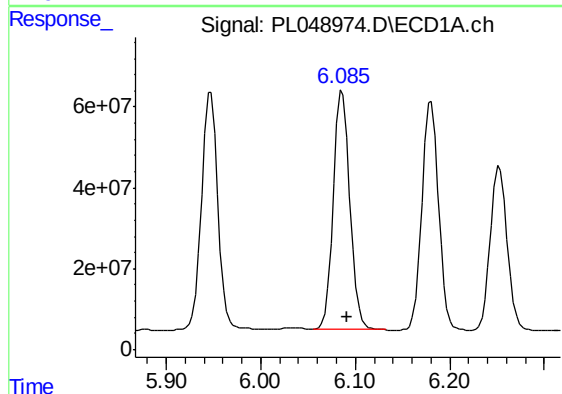
R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 947183690
Conc: 652.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



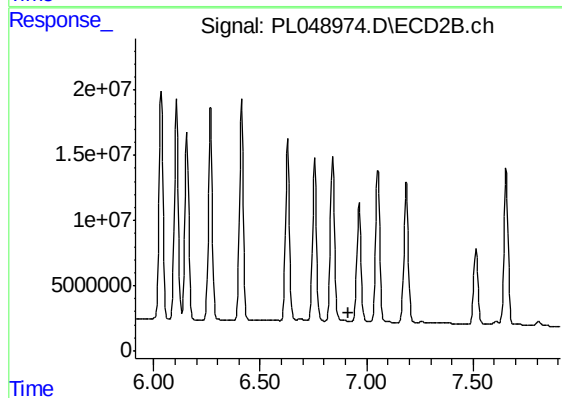
#26 Chlordane-4

R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 215376276
Conc: 410.55 ng/ml



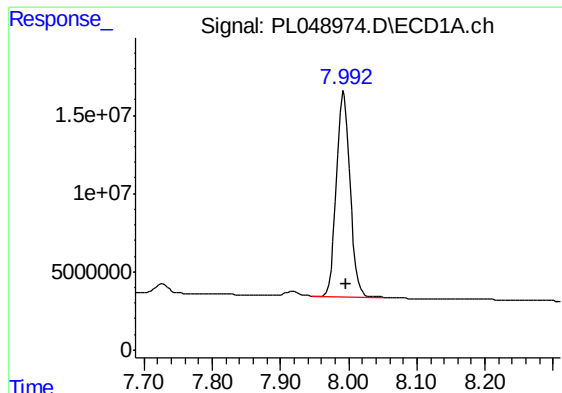
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 723421349
Conc: 1540.65 ng/ml



#27 Chlordane-5

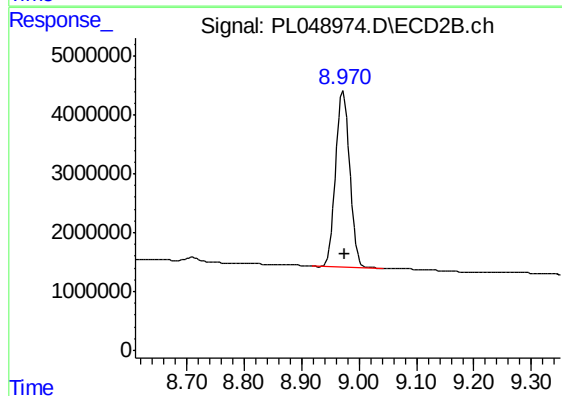
R.T.: 0.000 min
Exp R.T. : 6.913 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.003 min
Response: 181812979
Conc: 18.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-5_1.5-2.0MSD



#28 Decachlorobiphenyl

R.T.: 8.972 min
Delta R.T.: -0.003 min
Response: 51242360
Conc: 19.31 ng/ml