

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 18:38
 Operator : AR\AJ
 Sample : P2414-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 1011UMR-SS004-0212-01MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:06:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.550	2.796	44238624	28413333	21.969	22.145
28)	SA Decachlor...	9.066	7.948	27025862	31353967	19.318	23.308
Target Compounds							
2)	A alpha-BHC	4.006	3.301	146.2E6	103.7E6	51.266	54.940
3)	MA gamma-BHC...	4.339	3.632	134.9E6	99304796	48.457	53.816
4)	MA Heptachlor	4.929	3.974	131.0E6	93995220	52.833	53.641
5)	MB Aldrin	5.270	4.255	143.8E6	96600076	55.972	54.644
6)	B beta-BHC	4.533	3.929	60314167	45305275	47.809	55.490
7)	B delta-BHC	4.781	4.160	127.0E6	97633349	47.883	54.265
8)	B Heptachlo...	5.695	4.759	263.6E6	97024578	112.388	60.012 #
9)	A Endosulfan I	6.081	5.127	111.5E6	112.5E6	51.857	75.137 #
10)	B gamma-Chl...	5.953	5.009	829.1E6	530.9E6	362.696	323.523
11)	B alpha-Chl...	6.035	5.073	1143.2E6	643.6E6	502.567	390.254
12)	B 4,4'-DDE	6.203	5.262	100.1E6	76371408	49.482	52.526
13)	MA Dieldrin	6.357	5.394	110.9E6	83569452	49.533	51.948
14)	MA Endrin	6.586	5.670	86857983	93547396	45.851	65.069 #
15)	B Endosulfa...	6.805	5.967	114.2E6	207.1E6	57.239	143.979 #
16)	A 4,4'-DDD	6.721	5.816	126.4E6	71001152	74.930	57.573
17)	MA 4,4'-DDT	7.034	6.068	87862131	74021693	47.778	54.710
18)	B Endrin al...	6.934	6.142	-4381611	63876580	N.D.	57.427
19)	B Endosulfa...	7.168	6.366	85920882	76778319	47.500	55.349
20)	A Methoxychlor	7.508	6.643	46086833	38033401	46.865	47.566
21)	B Endrin ke...	7.654	6.872	94459376	84755139	47.191	53.005
22)	Mirex	8.128	7.055	66058857	63663091	42.506	46.666
23)	Chlordane-1	4.713	3.799	73344128	53253262	803.325	1082.345 #
24)	Chlordane-2	5.239	4.382	49754336	63200081	473.427	993.476 #
25)	Chlordane-3	5.953	5.009	829.1E6	530.9E6	2510.433	3100.565
26)	Chlordane-4	6.035	5.073	1143.2E6	643.6E6	2804.534	4001.404 #
27)	Chlordane-5	6.883	5.739	35694242	180.7E6	428.909	3530.157 #

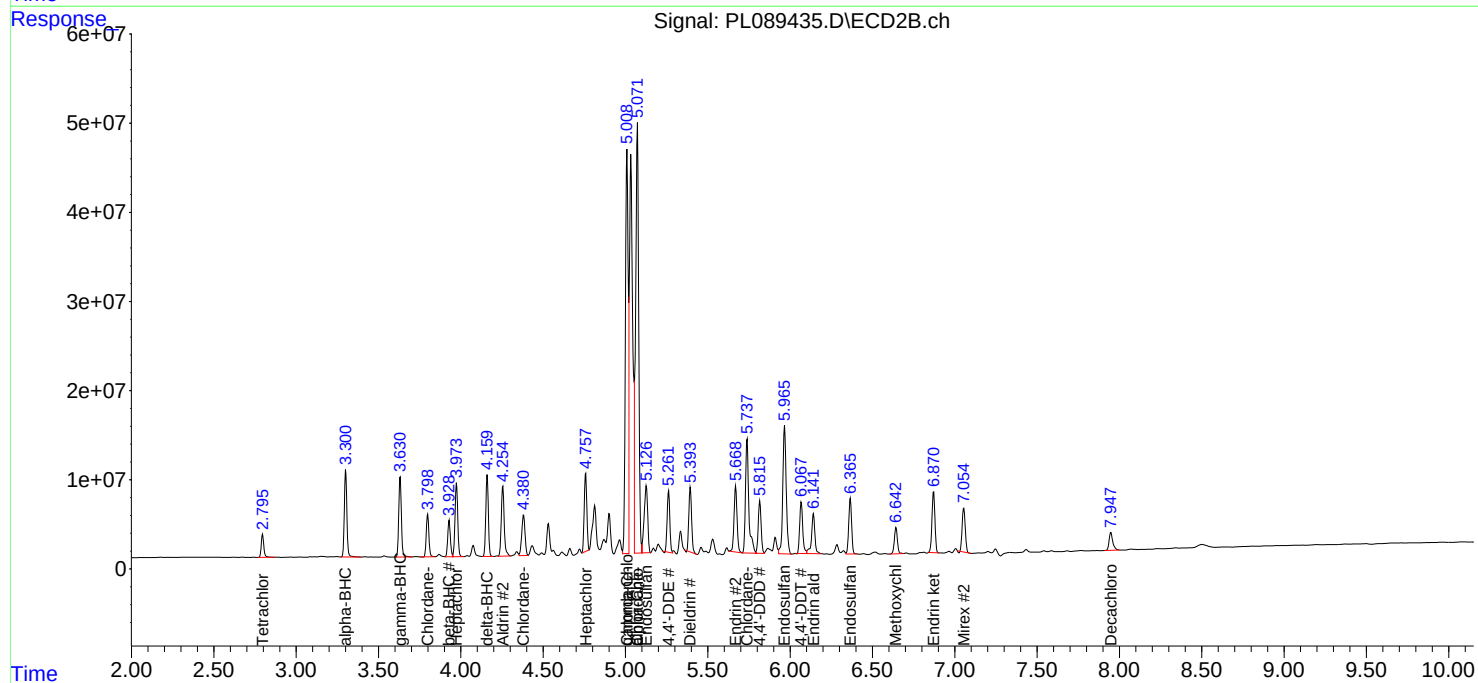
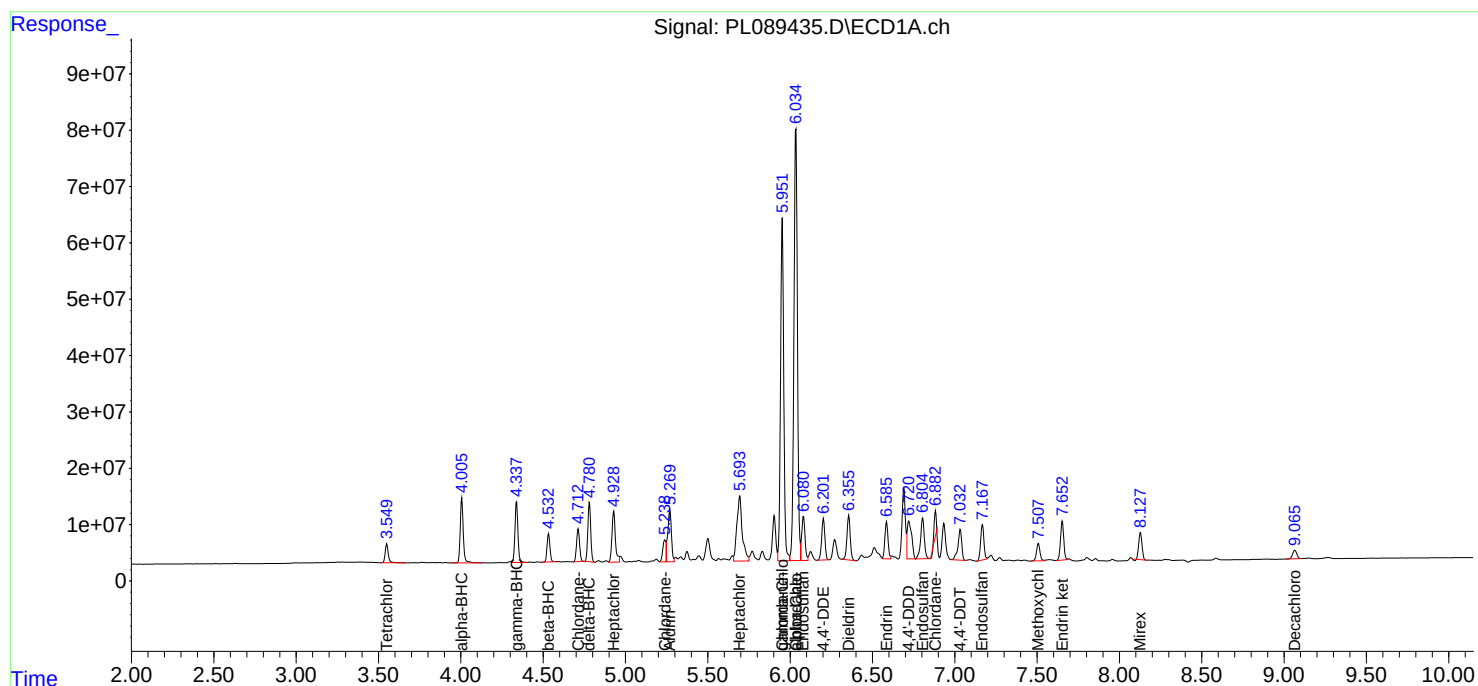
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

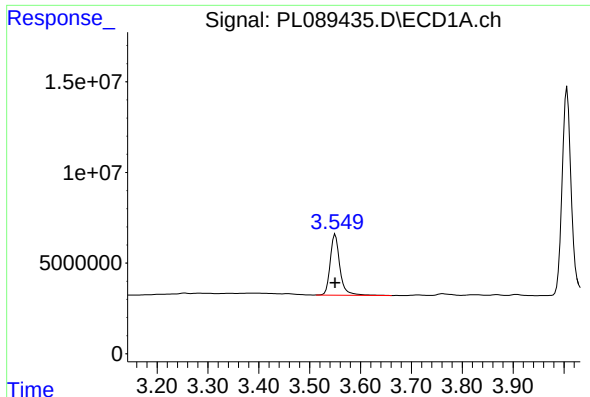
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

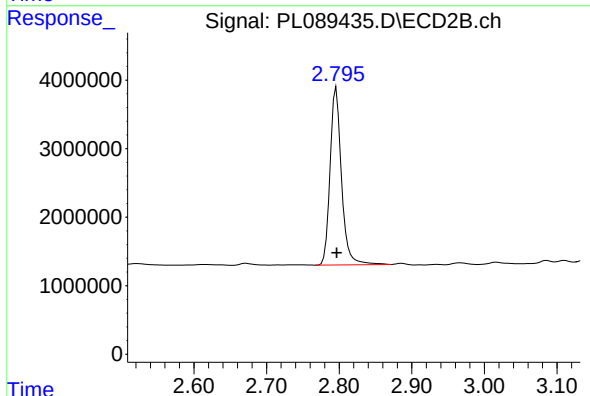




#1 Tetrachloro-m-xylene

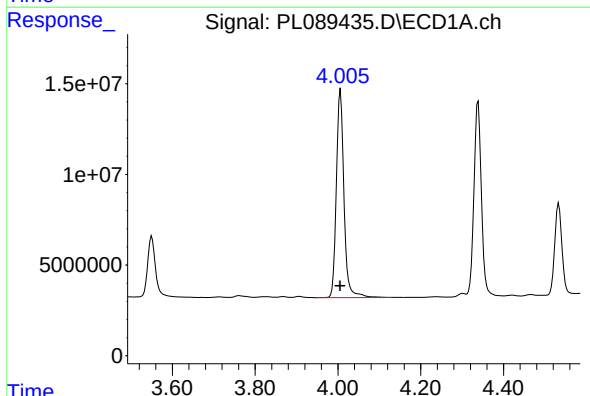
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 44238624
Conc: 21.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



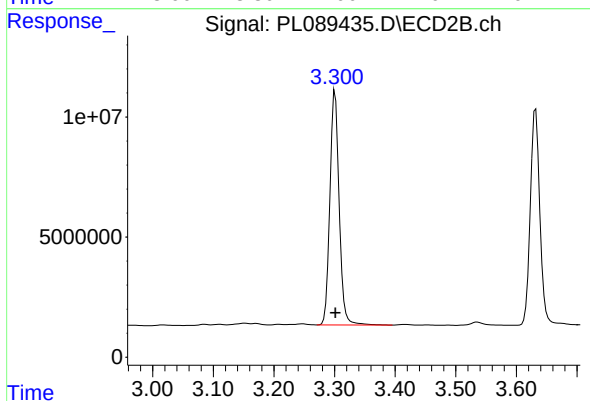
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 28413333
Conc: 22.15 ng/ml



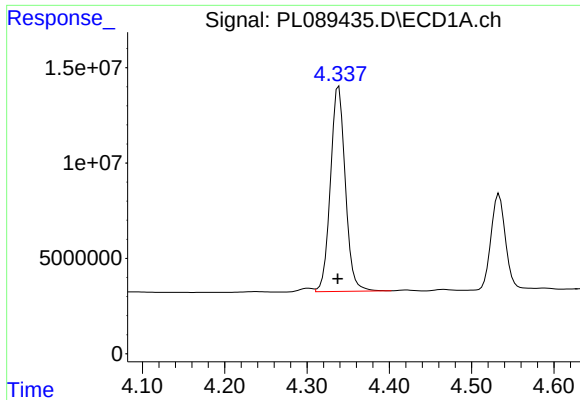
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 146200166
Conc: 51.27 ng/ml



#2 alpha-BHC

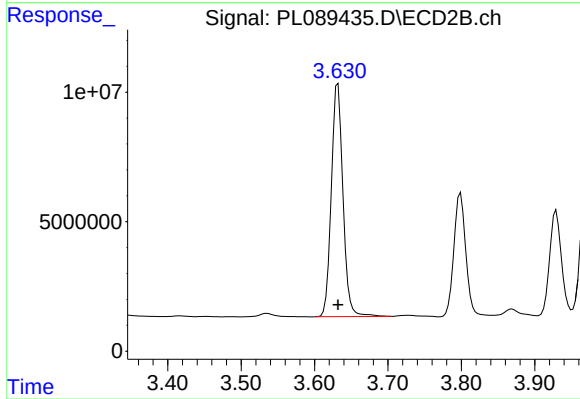
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 103665357
Conc: 54.94 ng/ml



#3 gamma-BHC (Lindane)

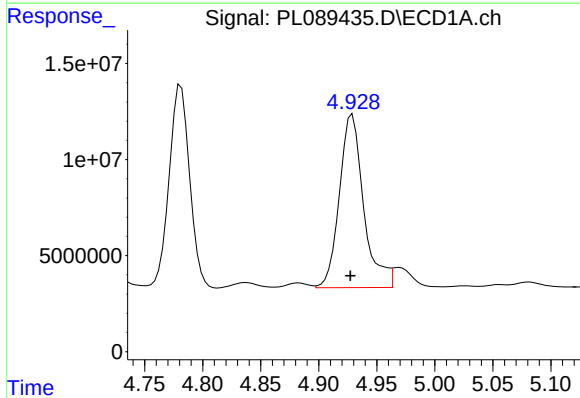
R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 134902161
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



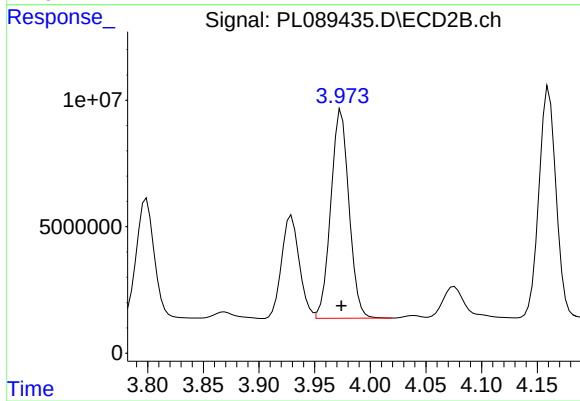
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 99304796
Conc: 53.82 ng/ml



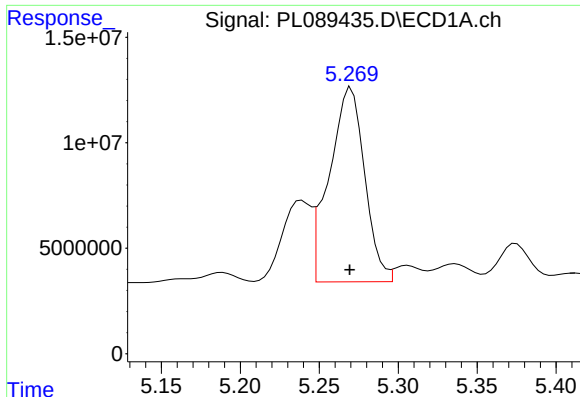
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 131030963
Conc: 52.83 ng/ml



#4 Heptachlor

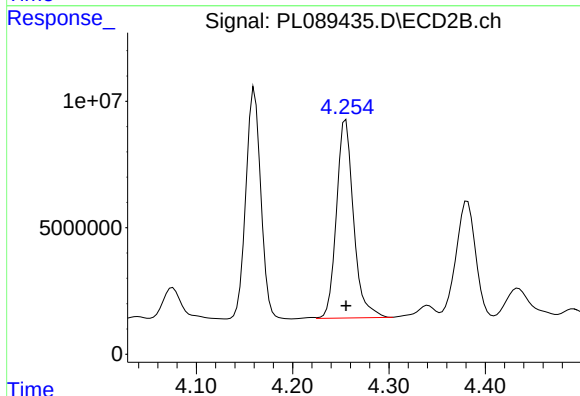
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 93995220
Conc: 53.64 ng/ml



#5 Aldrin

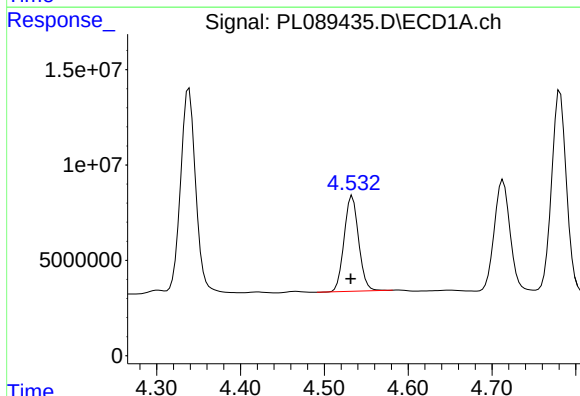
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 143750505
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



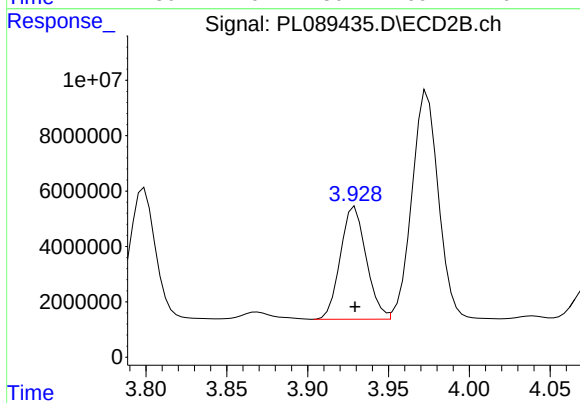
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 96600076
Conc: 54.64 ng/ml



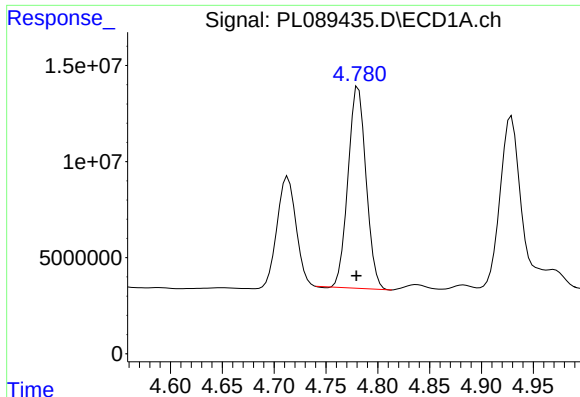
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.002 min
Response: 60314167
Conc: 47.81 ng/ml



#6 beta-BHC

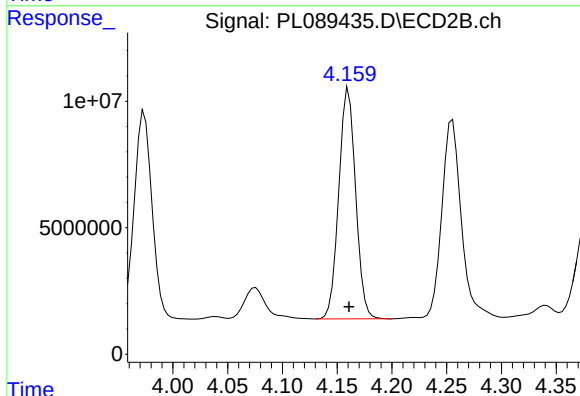
R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 45305275
Conc: 55.49 ng/ml



#7 delta-BHC

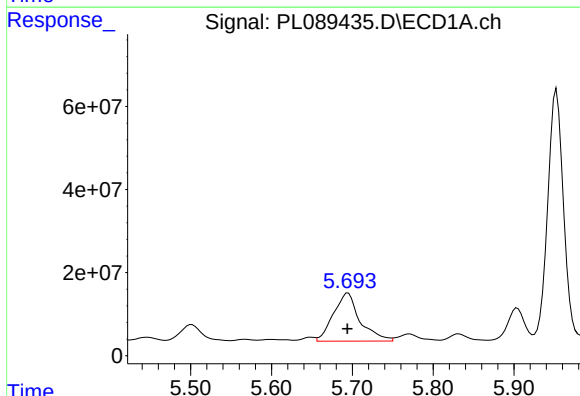
R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 126988898
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



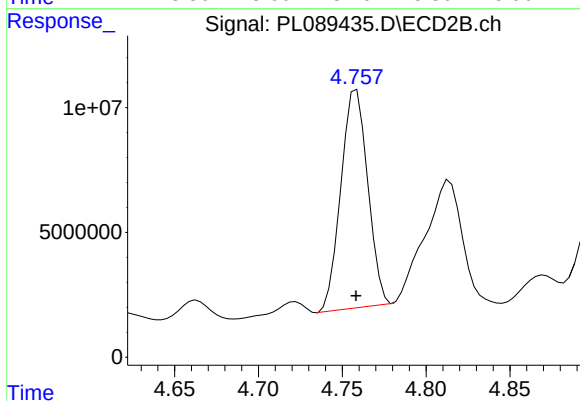
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 97633349
Conc: 54.27 ng/ml



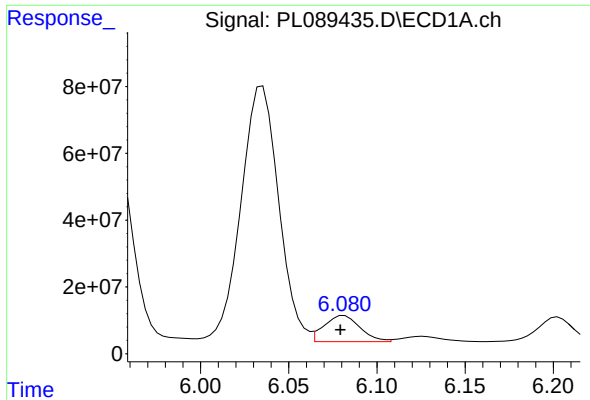
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 263601021
Conc: 112.39 ng/ml



#8 Heptachlor epoxide

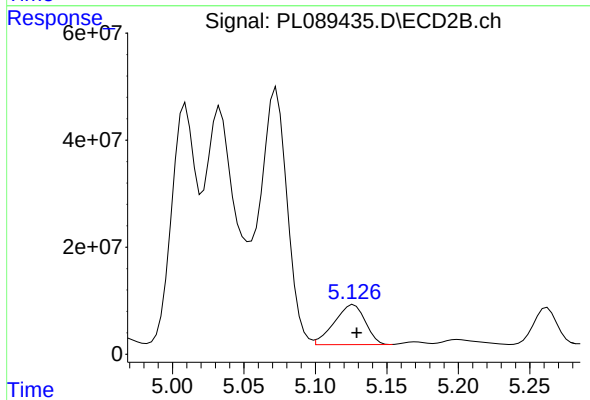
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 97024578
Conc: 60.01 ng/ml



#9 Endosulfan I

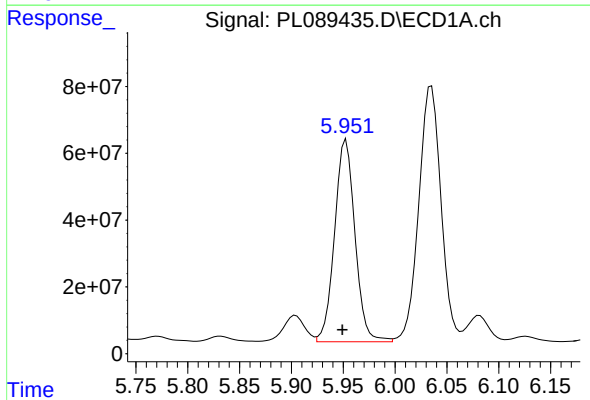
R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 111481130
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



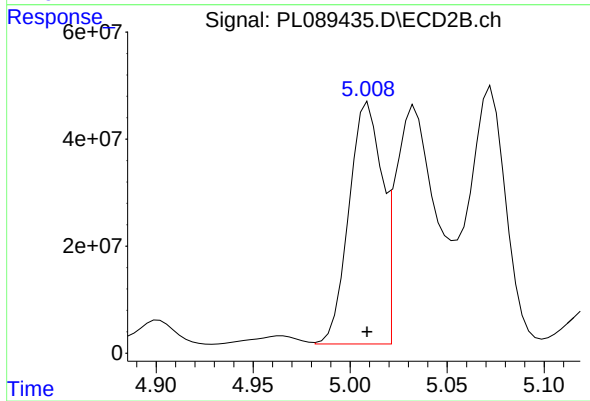
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 112532678
Conc: 75.14 ng/ml



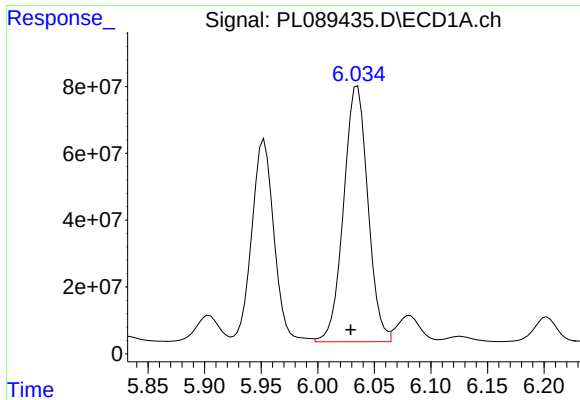
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.003 min
Response: 829091055
Conc: 362.70 ng/ml



#10 gamma-Chlordane

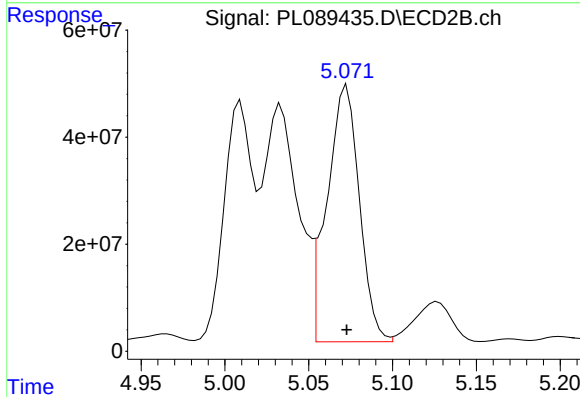
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 530881397
Conc: 323.52 ng/ml



#11 alpha-Chlordane

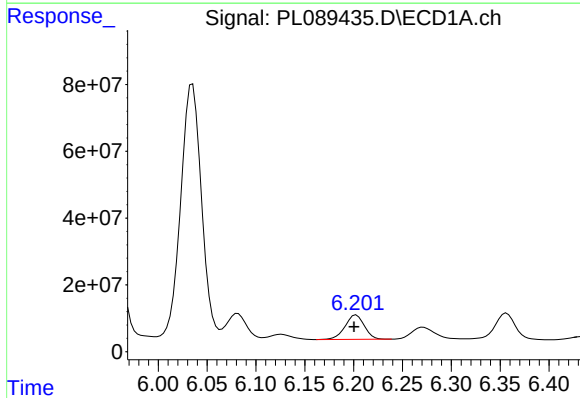
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 1143197288
Conc: 502.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



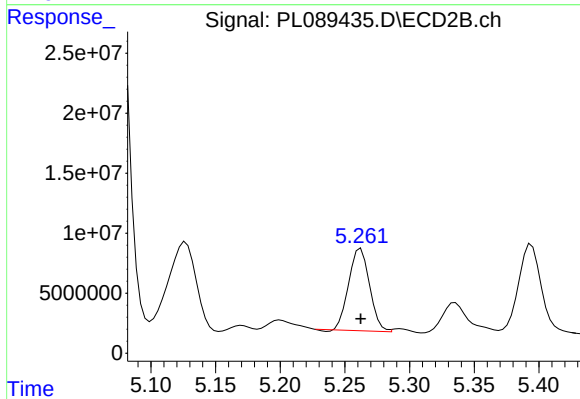
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 643604076
Conc: 390.25 ng/ml



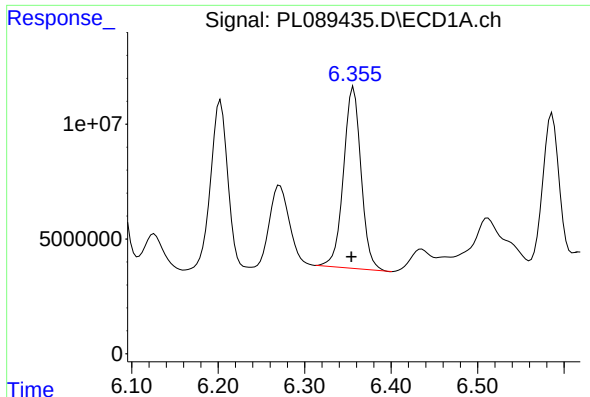
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 100118788
Conc: 49.48 ng/ml



#12 4,4'-DDE

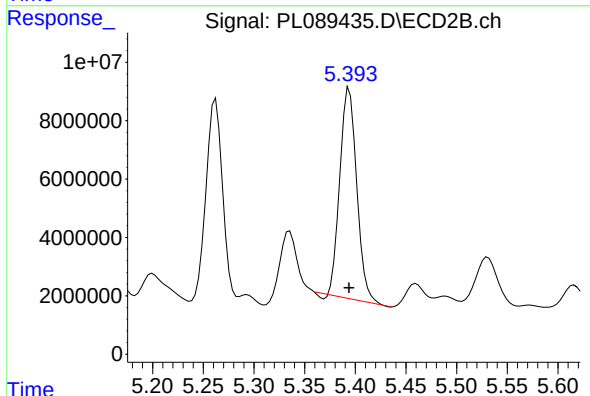
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 76371408
Conc: 52.53 ng/ml



#13 Dieldrin

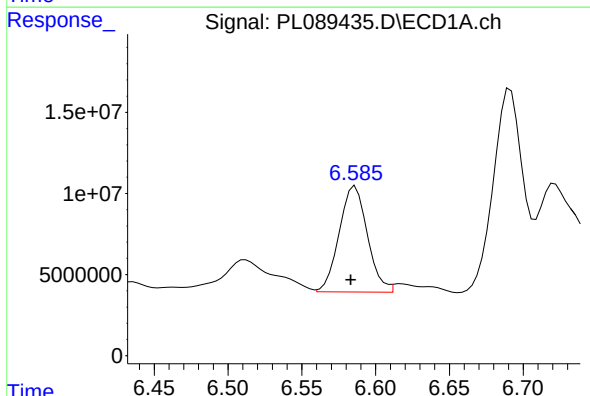
R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 110876840
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



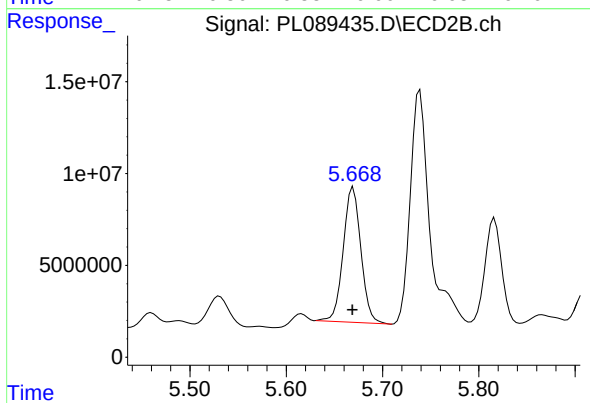
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 83569452
Conc: 51.95 ng/ml



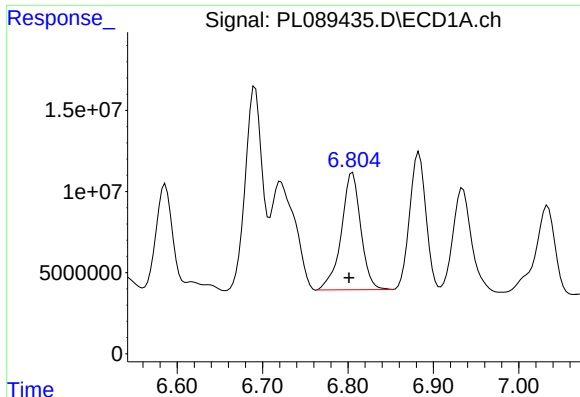
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 86857983
Conc: 45.85 ng/ml



#14 Endrin

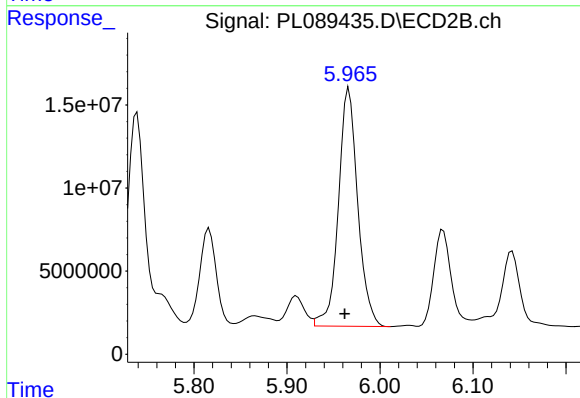
R.T.: 5.670 min
Delta R.T.: 0.000 min
Response: 93547396
Conc: 65.07 ng/ml



#15 Endosulfan II

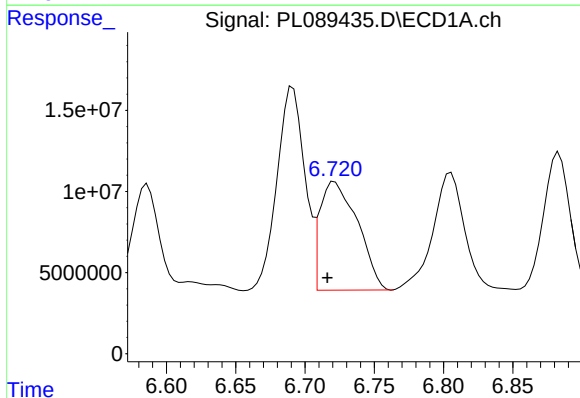
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 114238912
Conc: 57.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



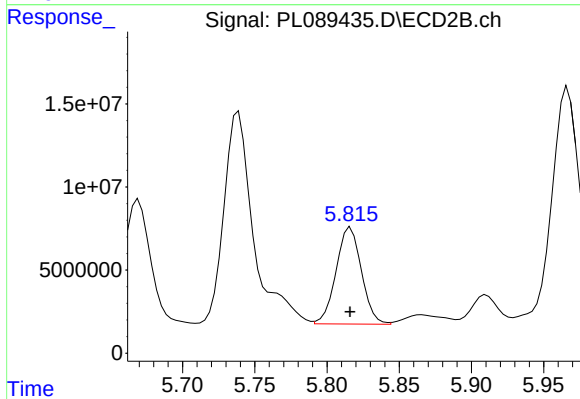
#15 Endosulfan II

R.T.: 5.967 min
Delta R.T.: 0.005 min
Response: 207088121
Conc: 143.98 ng/ml



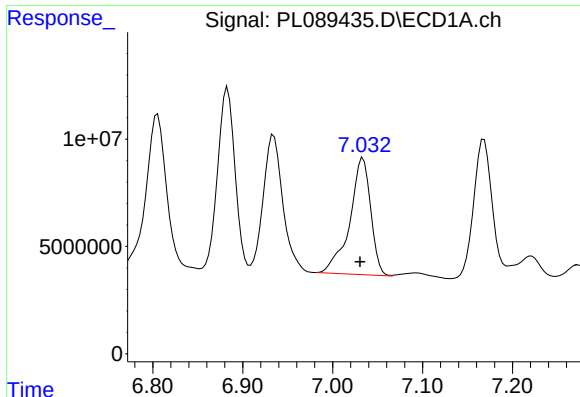
#16 4,4'-DDD

R.T.: 6.721 min
Delta R.T.: 0.005 min
Response: 126407623
Conc: 74.93 ng/ml



#16 4,4'-DDD

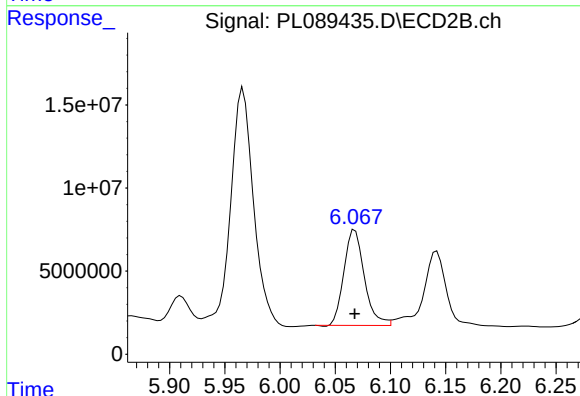
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 71001152
Conc: 57.57 ng/ml



#17 4,4'-DDT

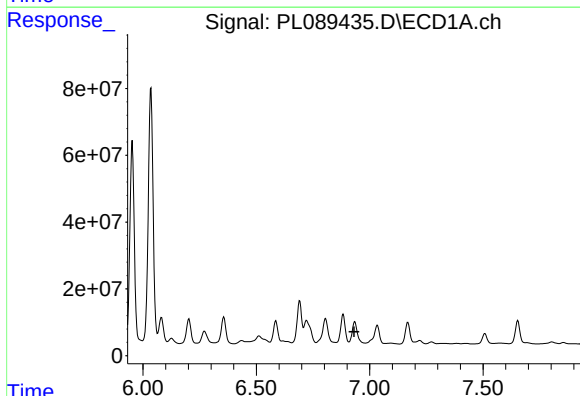
R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 87862131
Conc: 47.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



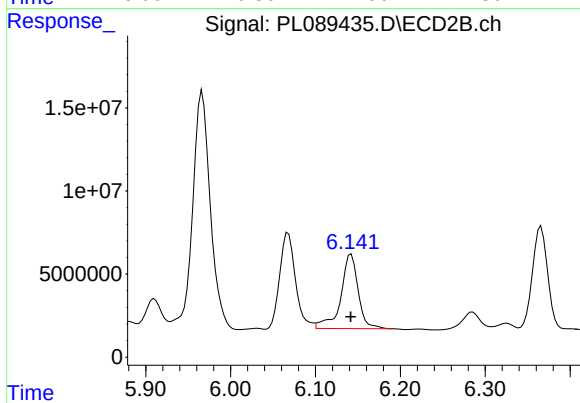
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 74021693
Conc: 54.71 ng/ml



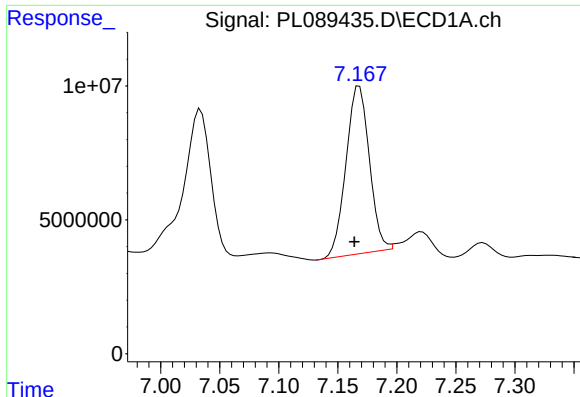
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.004 min
Response: -4381611
Conc: N.D.



#18 Endrin aldehyde

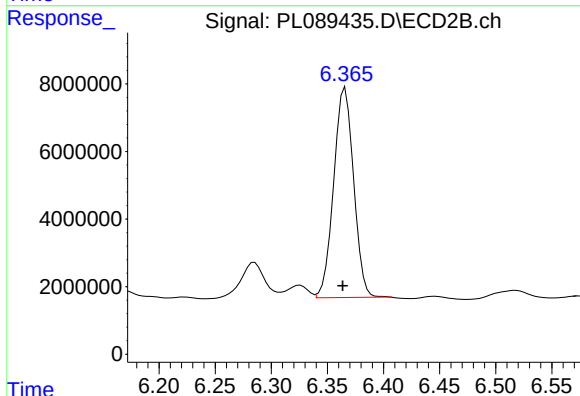
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 63876580
Conc: 57.43 ng/ml



#19 Endosulfan Sulfate

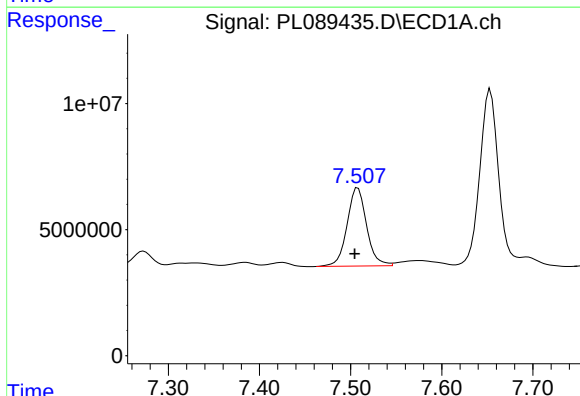
R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 85920882
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



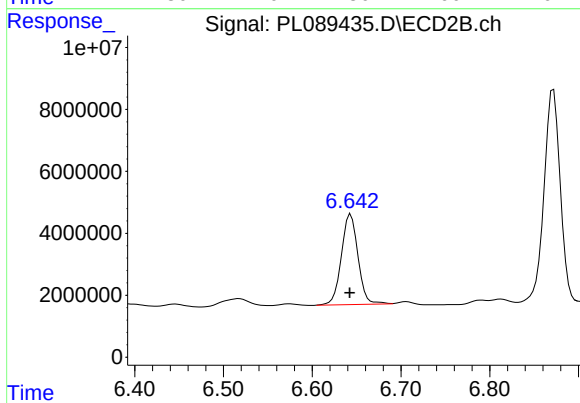
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 76778319
Conc: 55.35 ng/ml



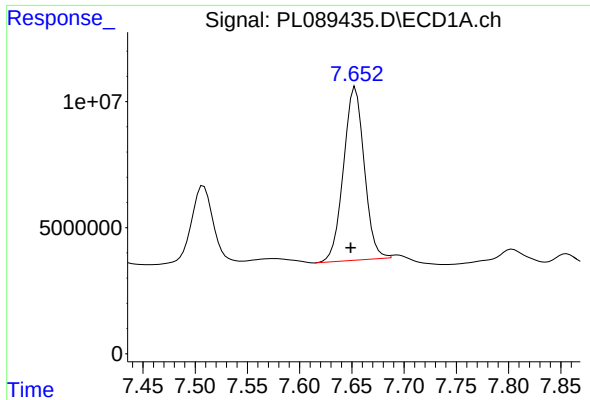
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 46086833
Conc: 46.86 ng/ml



#20 Methoxychlor

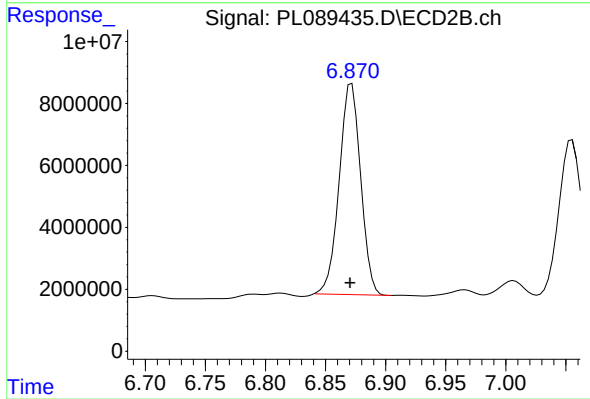
R.T.: 6.643 min
Delta R.T.: 0.001 min
Response: 38033401
Conc: 47.57 ng/ml



#21 Endrin ketone

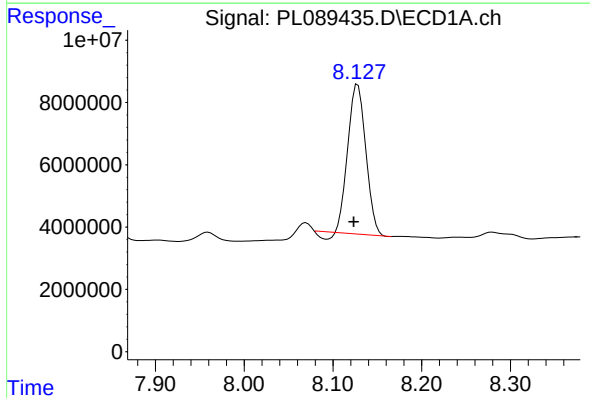
R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 94459376
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



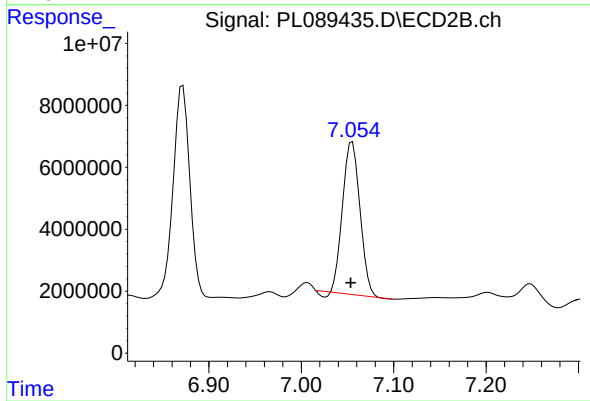
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 84755139
Conc: 53.01 ng/ml



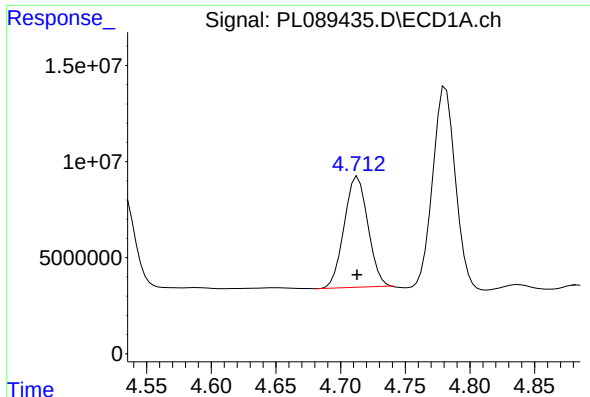
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 66058857
Conc: 42.51 ng/ml



#22 Mirex

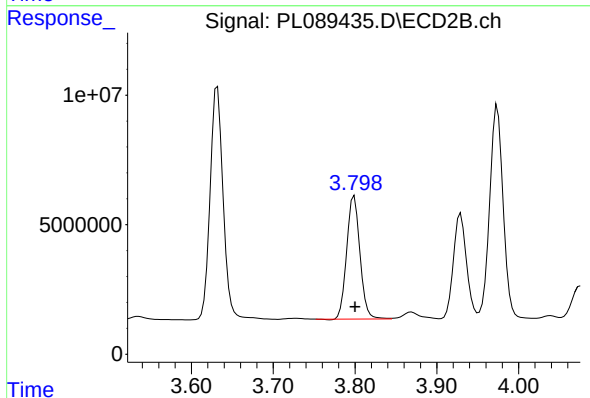
R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 63663091
Conc: 46.67 ng/ml



#23 Chlordane-1

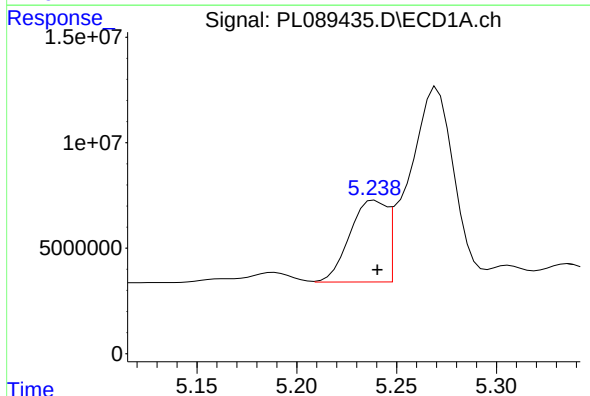
R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 73344128
Conc: 803.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



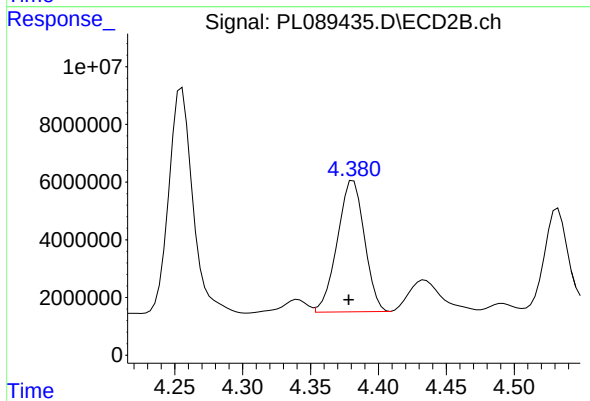
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 53253262
Conc: 1082.35 ng/ml



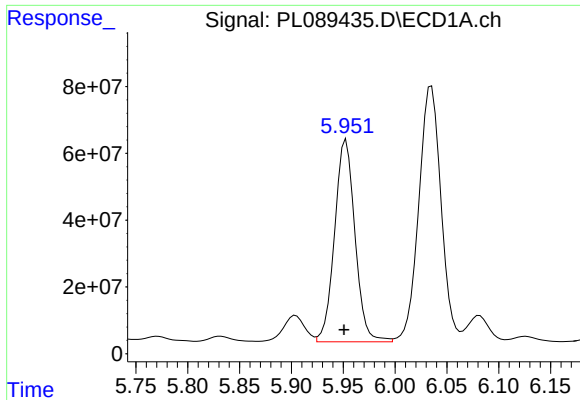
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 49754336
Conc: 473.43 ng/ml



#24 Chlordane-2

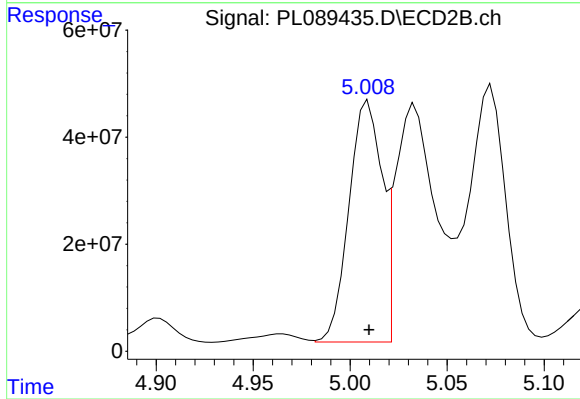
R.T.: 4.382 min
Delta R.T.: 0.003 min
Response: 63200081
Conc: 993.48 ng/ml



#25 Chlordane-3

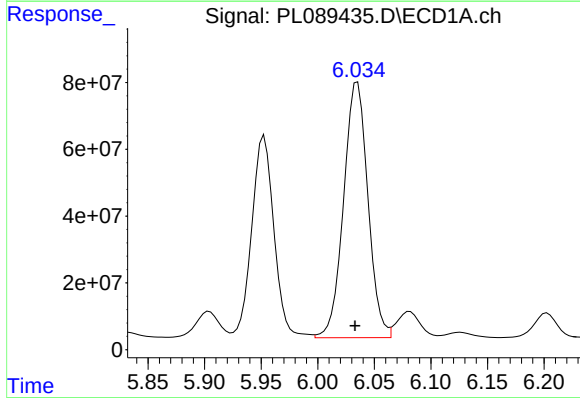
R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 829091055
Conc: 2510.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



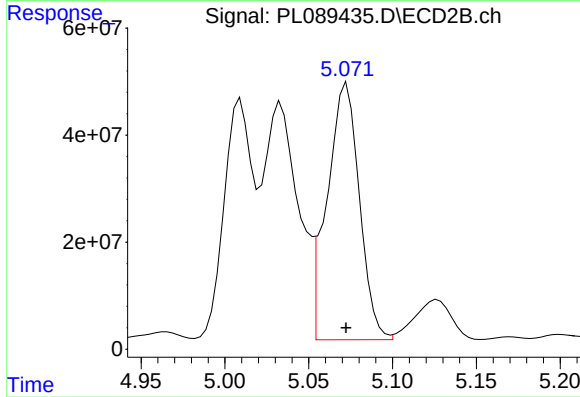
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 530881397
Conc: 3100.56 ng/ml



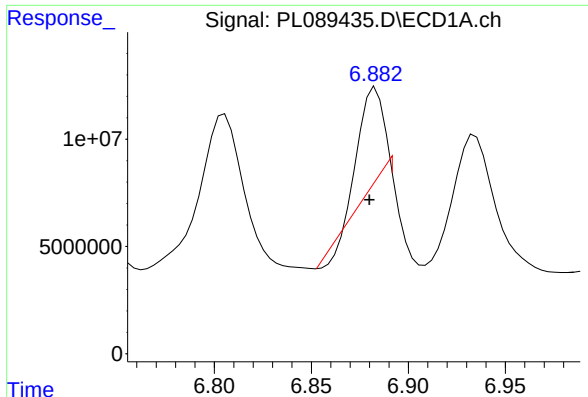
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 1143197288
Conc: 2804.53 ng/ml



#26 Chlordane-4

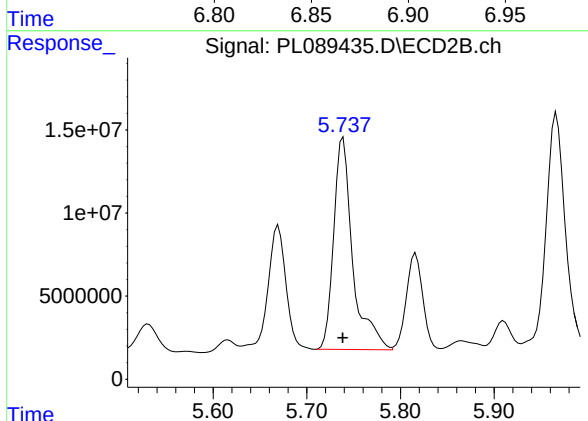
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 643604076
Conc: 4001.40 ng/ml



#27 Chlordane-5

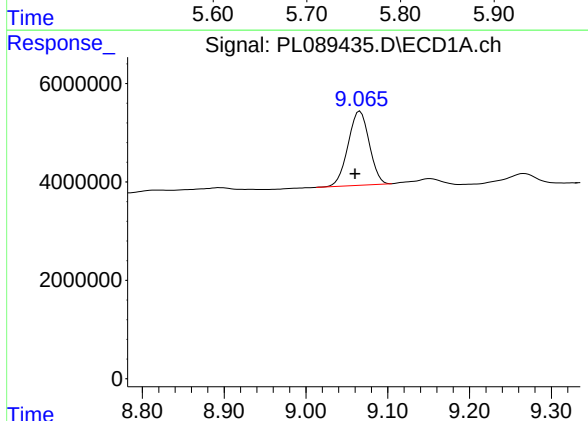
R.T.: 6.883 min
Delta R.T.: 0.003 min
Response: 35694242
Conc: 428.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
1011UMR-SS004-0212-01MS



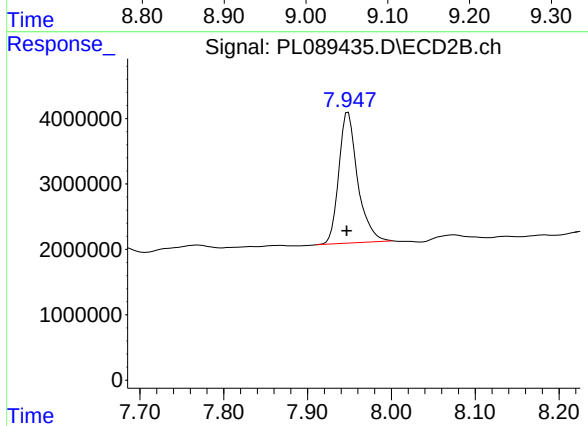
#27 Chlordane-5

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 180666374
Conc: 3530.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 27025862
Conc: 19.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.002 min
Response: 31353967
Conc: 23.31 ng/ml