

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
 Data File : PL097164.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2025 20:48
 Operator : AR\AJ
 Sample : Q3065-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-204MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:23:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.527	2.823	71645515	77532415	18.166	13.755
28)	SA Decachlor...	8.999	7.984	35586520	54255778	12.020	11.313
Target Compounds							
2)	A alpha-BHC	3.974	3.328	311.9E6	410.0E6	53.839	49.935
3)	MA gamma-BHC...	4.302	3.660	277.3E6	382.9E6	50.774	51.984
4)	MA Heptachlor	4.893	4.008	3182.5E6	3738.4E6	596.828	496.851
5)	MB Aldrin	0.000	4.291	0	521.5E6	N.D.	74.145 #
6)	B beta-BHC	4.489	3.956	104.2E6	152.4E6	45.544	46.723
7)	B delta-BHC	4.734	4.188	6355243	447.2E6	1.412	60.856 #
8)	B Heptachlo...	5.651	4.792	6972.9E6	5697.8E6	1355.066	900.845 #
9)	A Endosulfan I	6.031	5.174	184.6E6	8960.8E6	42.967	1495.629 #
10)	B gamma-Chl...	5.905	5.044	13204.3E6	14622.2E6	2867.086	2211.774
11)	B alpha-Chl...	5.988	5.107	7723.0E6	6768.1E6	1641.123	1036.503 #
12)	B 4,4'-DDE	6.134f	5.296	7191.4E6	443.7E6	1802.302	72.085 #
13)	MA Dieldrin	6.305	5.427	100.9E6	321.6E6	22.227	49.084 #
14)	MA Endrin	6.531	5.703	116.8E6	567.8E6	31.183	96.119 #
15)	B Endosulfa...	6.744	6.000	385.9E6	2267.5E6	87.614	396.507 #
16)	A 4,4'-DDD	6.683f	5.847	384.3E6	268.9E6	121.786	51.493 #
17)	MA 4,4'-DDT	6.978	6.118	430.5E6	1808.6E6	122.923	330.206 #
18)	B Endrin al...	6.876	6.171	222.9E6	469.5E6	85.696	119.209 #
19)	B Endosulfa...	7.107	6.396	200.9E6	341.7E6	58.509	60.989
20)	A Methoxychlor	7.451	6.673	91626568	131.6E6	52.796	43.885
21)	B Endrin ke...	7.585	6.899	205.9E6	291.6E6	57.909	46.590
22)	Mirex	8.065	7.088	128.0E6	226.9E6	42.785	46.722
23)	Chlordane-1	4.680	3.831	567.3E6	1207.5E6	3262.227	6168.864 #
24)	Chlordane-2	5.201	4.413	1249.7E6	1412.1E6	6860.058	6032.742
25)	Chlordane-3	5.905	5.044	13204.3E6	14622.2E6	20996.649	23198.164
26)	Chlordane-4	5.988	5.107	7723.0E6	6768.1E6	9495.662	12135.887 #
27)	Chlordane-5	6.827	6.000	1226.3E6	2267.5E6	9040.399	10063.427

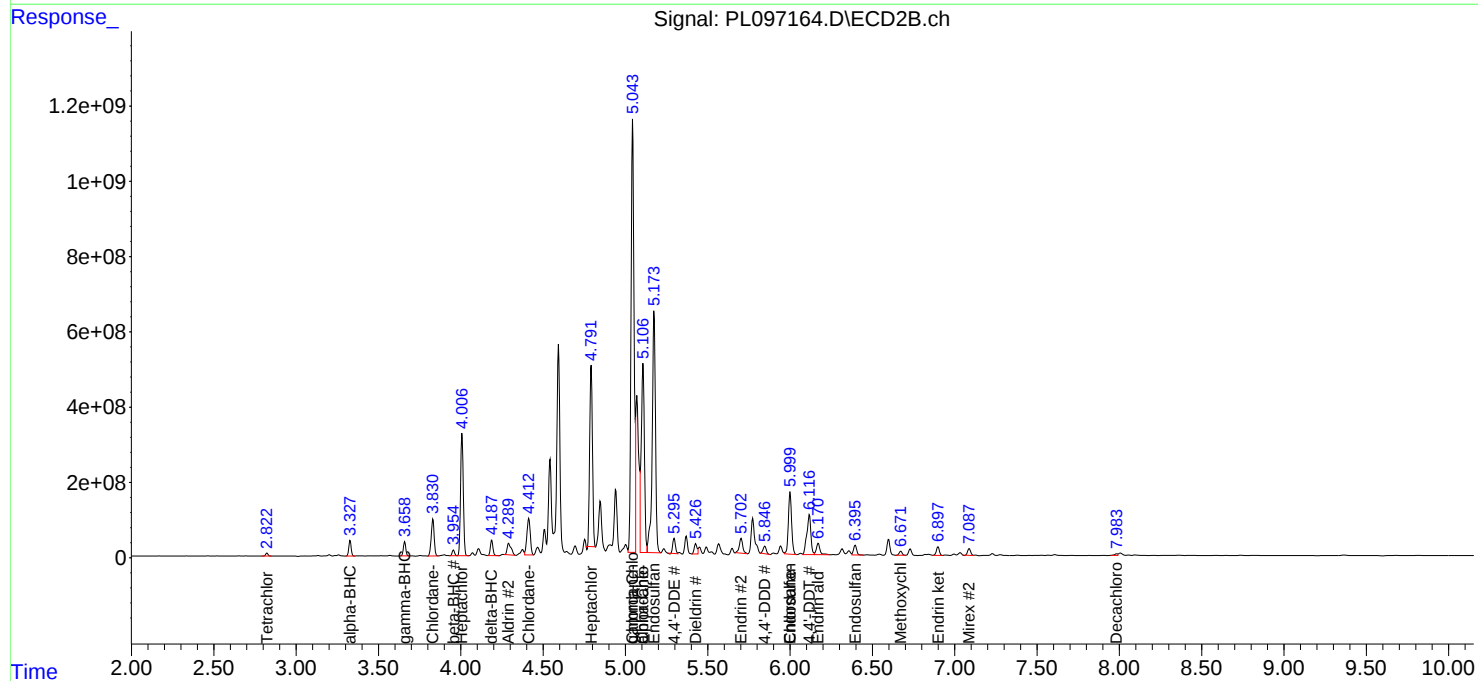
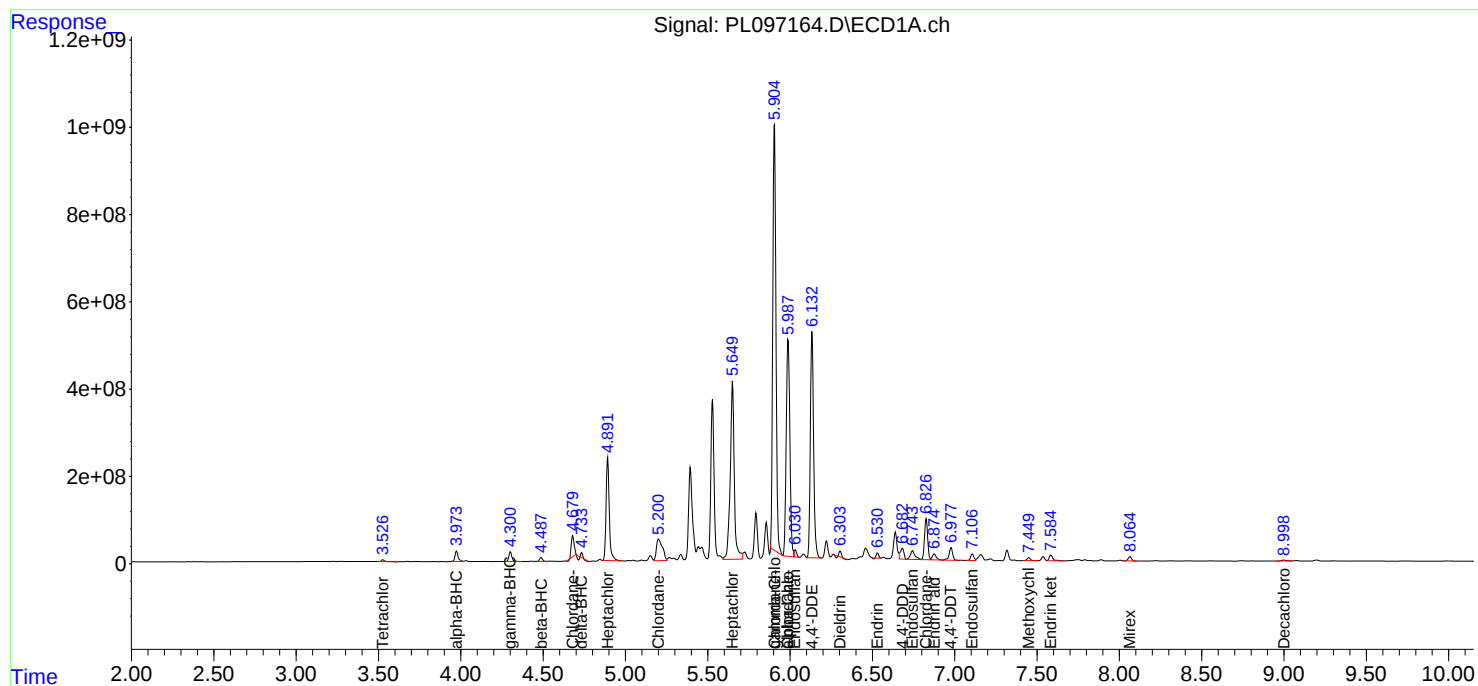
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

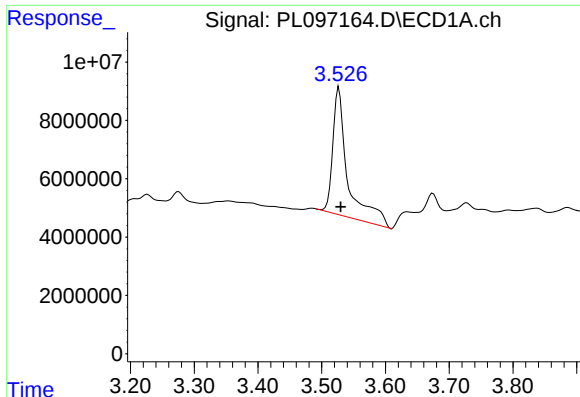
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091325\
Data File : PL097164.D
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Acq On : 11 Sep 2025 20:48
Operator : AR\AJ
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ALS Vial : 16 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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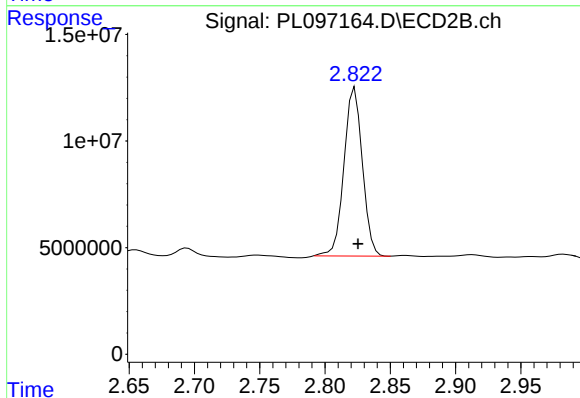




#1 Tetrachloro-m-xylene

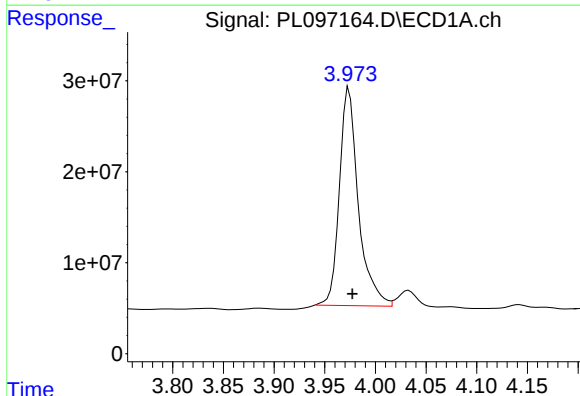
R.T.: 3.527 min
Delta R.T.: -0.003 min
Response: 71645515
Conc: 18.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



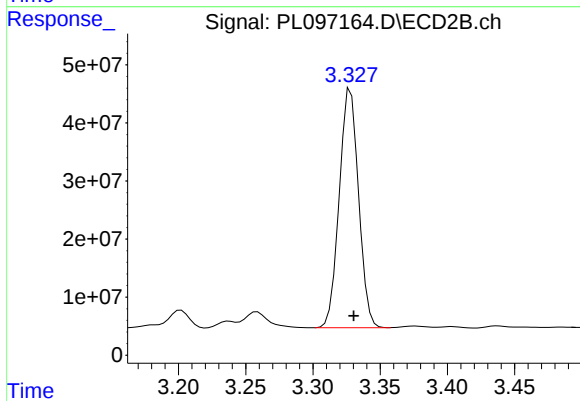
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 77532415
Conc: 13.76 ng/ml



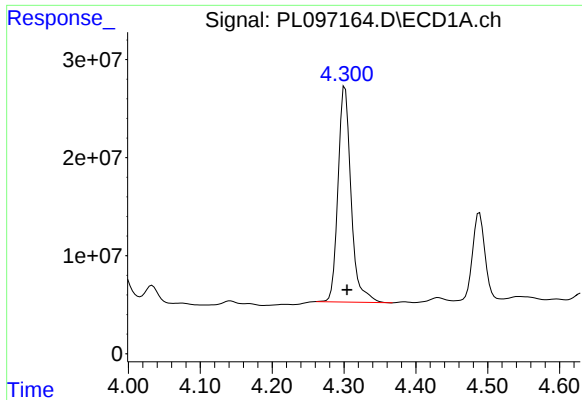
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.003 min
Response: 311946220
Conc: 53.84 ng/ml



#2 alpha-BHC

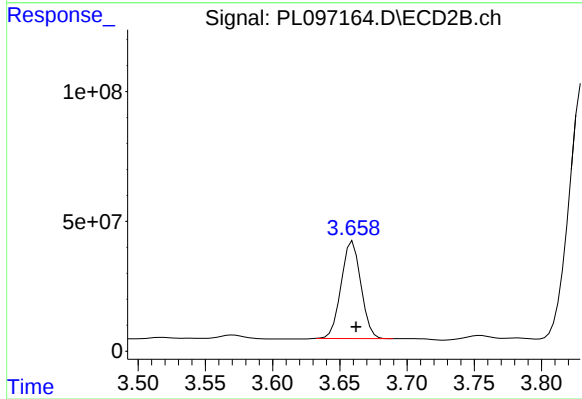
R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 410031846
Conc: 49.94 ng/ml



#3 gamma-BHC (Lindane)

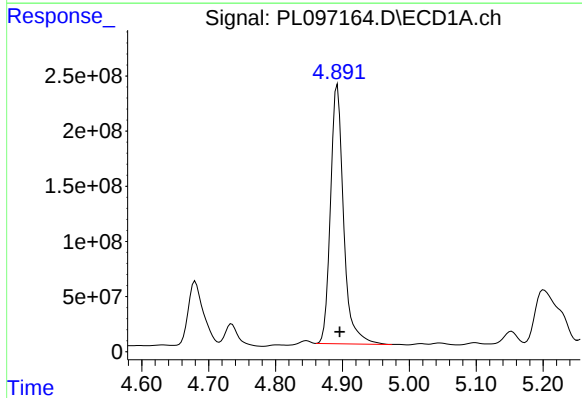
R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 277316824
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



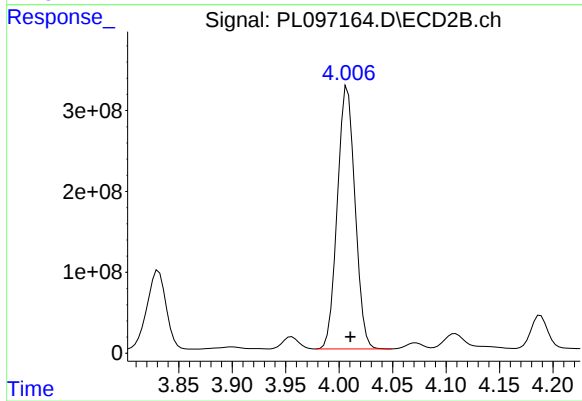
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 382938525
Conc: 51.98 ng/ml



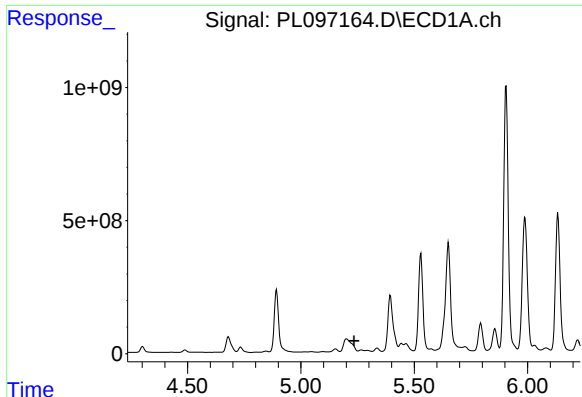
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 3182497237
Conc: 596.83 ng/ml



#4 Heptachlor

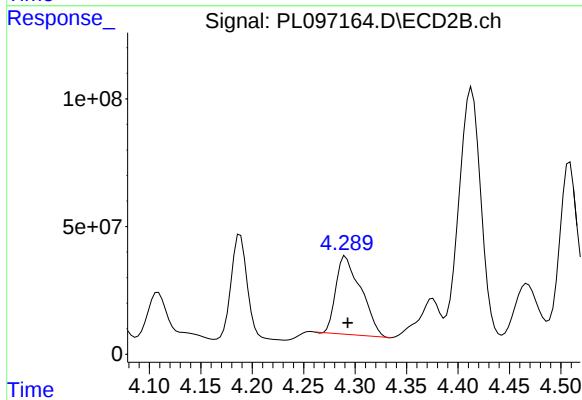
R.T.: 4.008 min
Delta R.T.: -0.003 min
Response: 3738401857
Conc: 496.85 ng/ml



#5 Aldrin

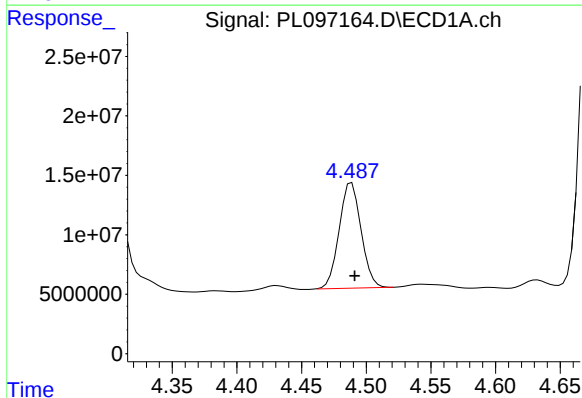
R.T.: 0.000 min
Exp R.T.: 5.235 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



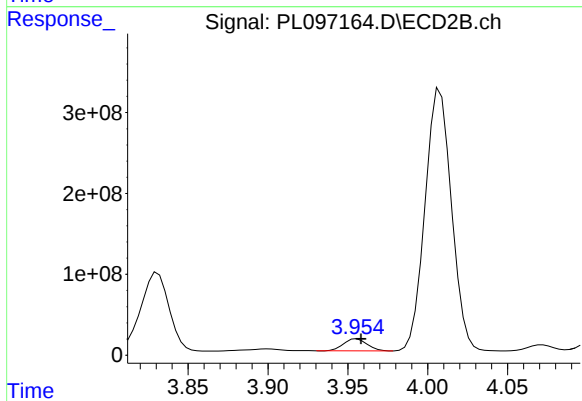
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 521451116
Conc: 74.15 ng/ml



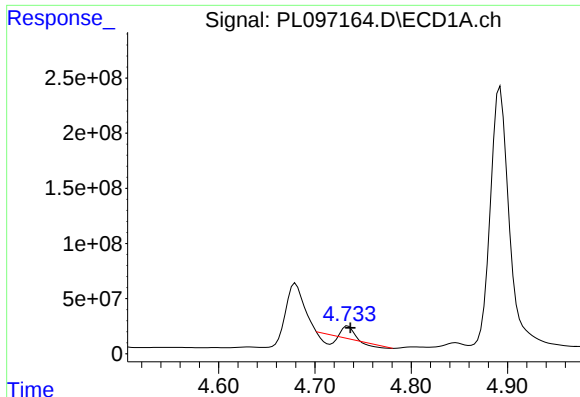
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 104160991
Conc: 45.54 ng/ml



#6 beta-BHC

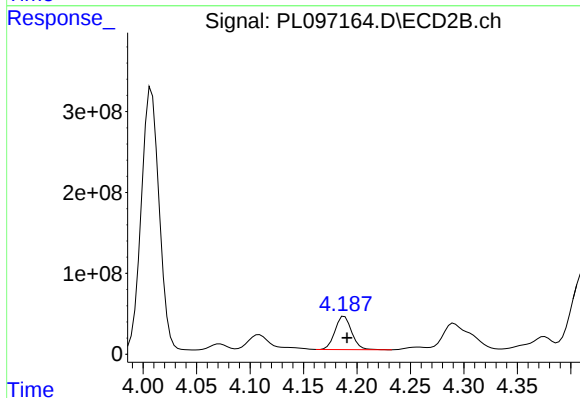
R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 152423097
Conc: 46.72 ng/ml



#7 delta-BHC

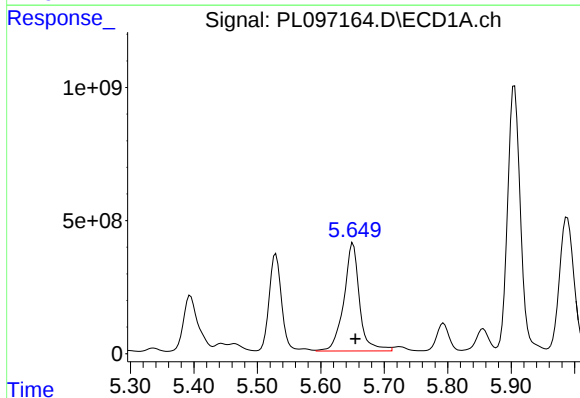
R.T.: 4.734 min
Delta R.T.: -0.002 min
Response: 6355243
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



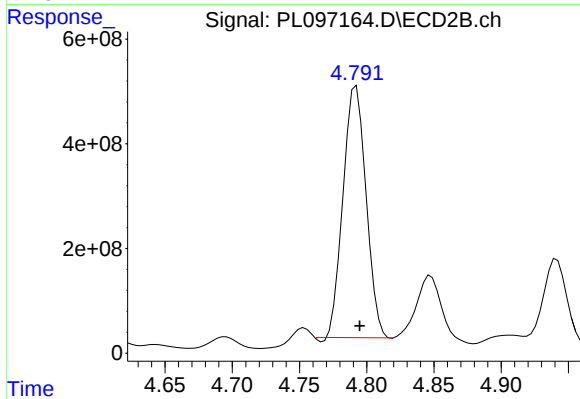
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 447223984
Conc: 60.86 ng/ml



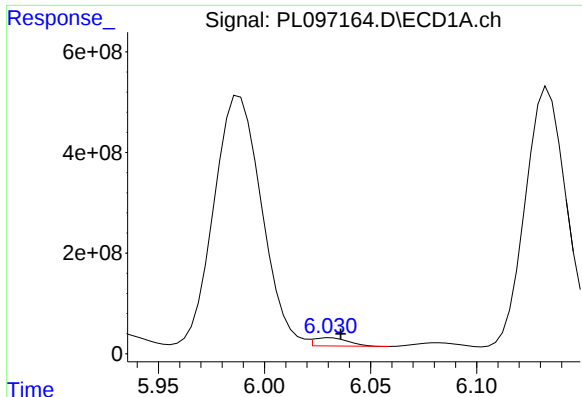
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 6972921609
Conc: 1355.07 ng/ml



#8 Heptachlor epoxide

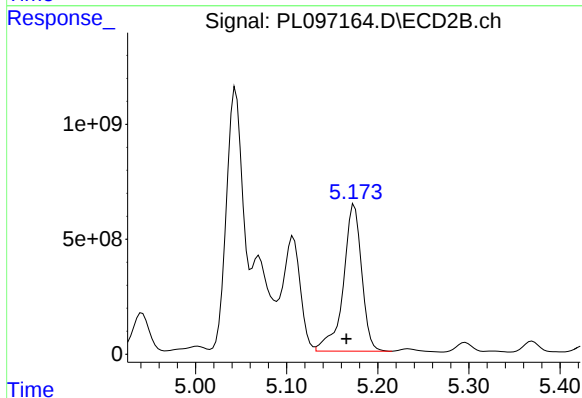
R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 5697840148
Conc: 900.84 ng/ml



#9 Endosulfan I

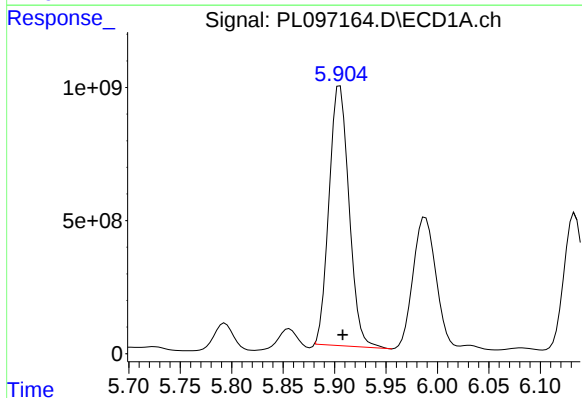
R.T.: 6.031 min
Delta R.T.: -0.005 min
Response: 184622217
Conc: 42.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



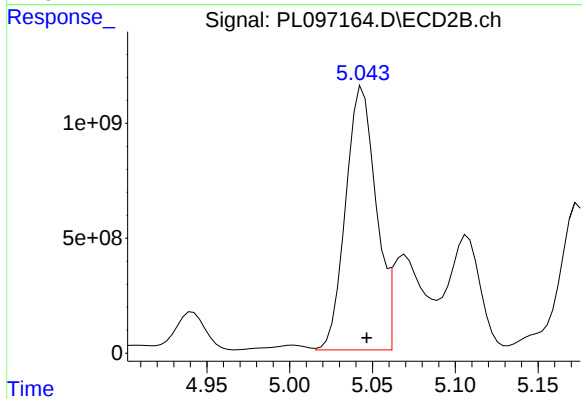
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: 0.009 min
Response: 8960765116
Conc: 1495.63 ng/ml



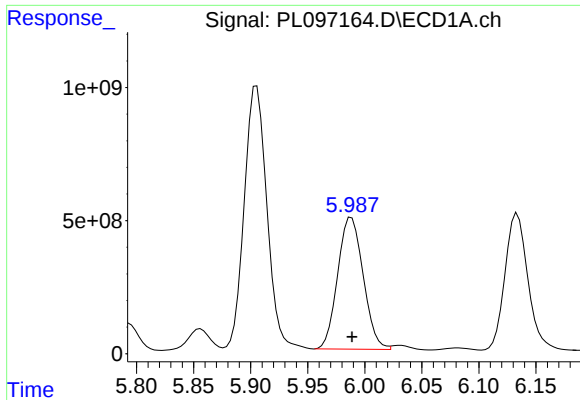
#10 gamma-Chlordane

R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 13204293397
Conc: 2867.09 ng/ml



#10 gamma-Chlordane

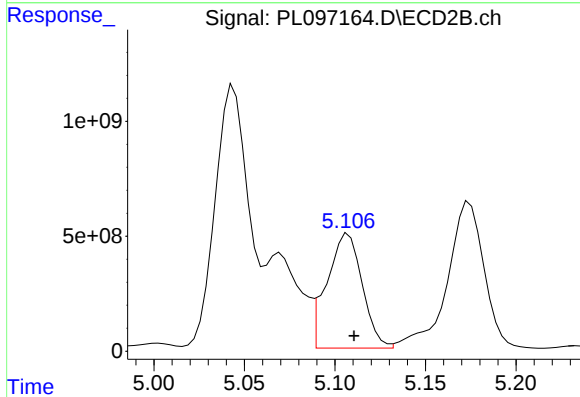
R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 14622231473
Conc: 2211.77 ng/ml



#11 alpha-Chlordane

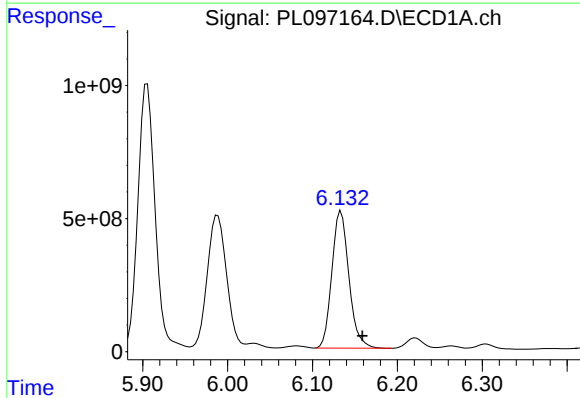
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 7722954961
Conc: 1641.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



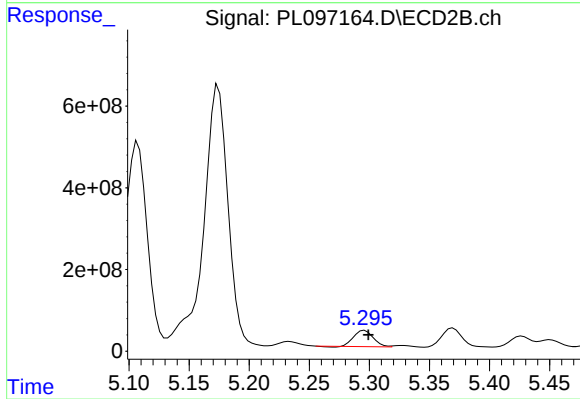
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 6768120034
Conc: 1036.50 ng/ml



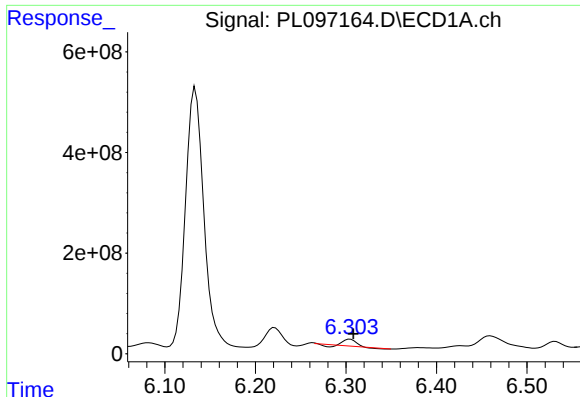
#12 4,4'-DDE

R.T.: 6.134 min
Delta R.T.: -0.025 min
Response: 7191413294
Conc: 1802.30 ng/ml



#12 4,4'-DDE

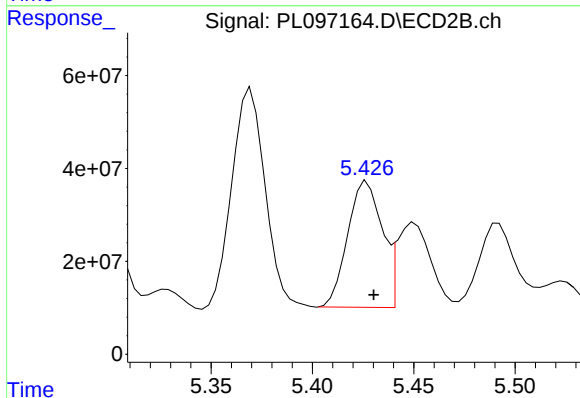
R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 443659954
Conc: 72.08 ng/ml



#13 Dieldrin

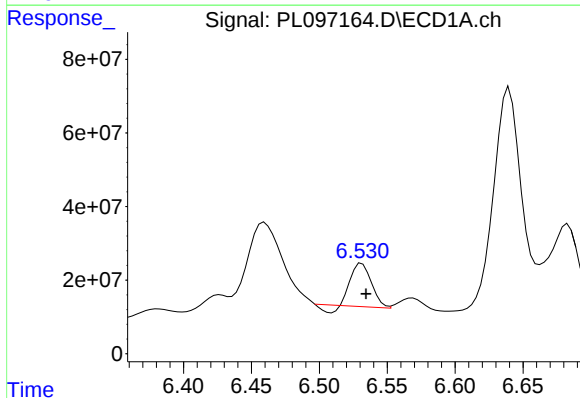
R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 100930320
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



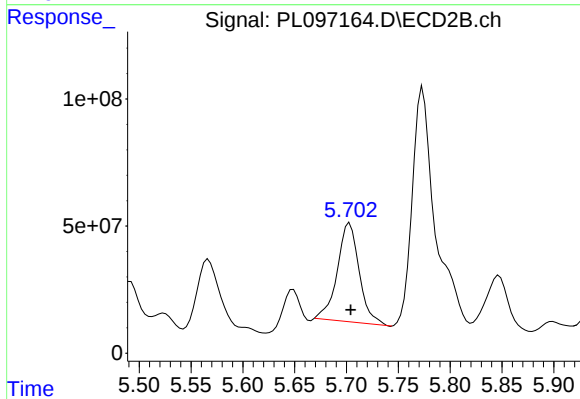
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 321646808
Conc: 49.08 ng/ml



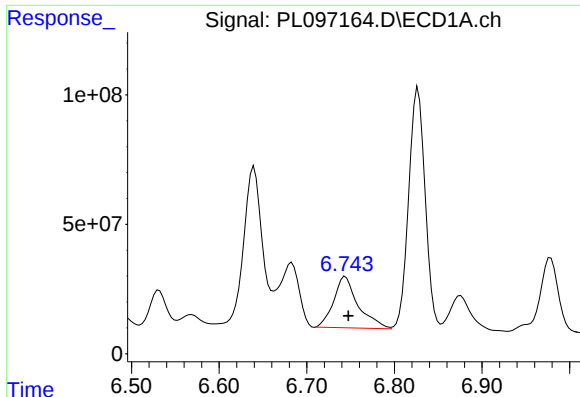
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 116776408
Conc: 31.18 ng/ml



#14 Endrin

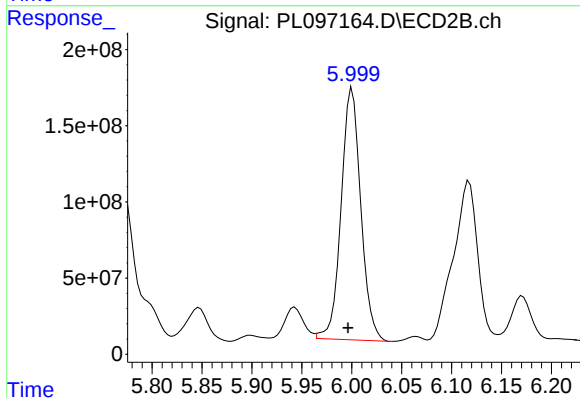
R.T.: 5.703 min
Delta R.T.: -0.001 min
Response: 567791446
Conc: 96.12 ng/ml



#15 Endosulfan II

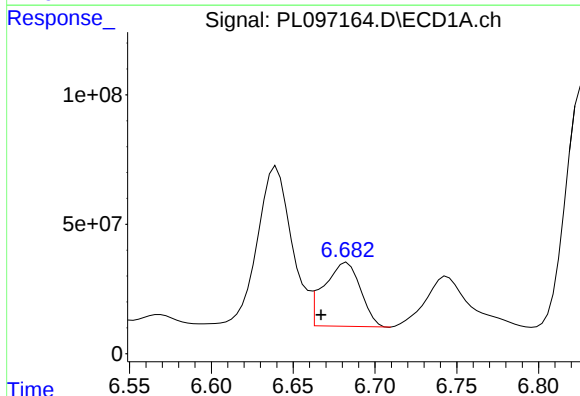
R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 385946320
Conc: 87.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



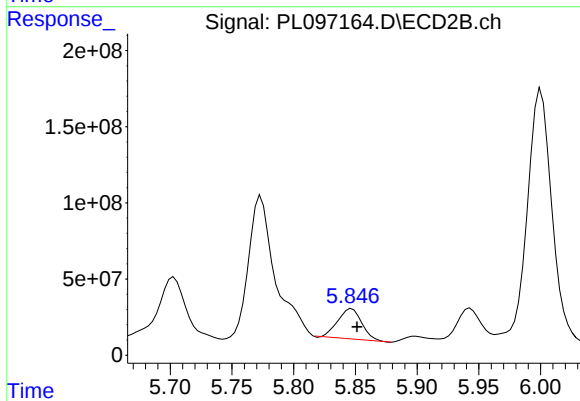
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.004 min
Response: 2267516629
Conc: 396.51 ng/ml



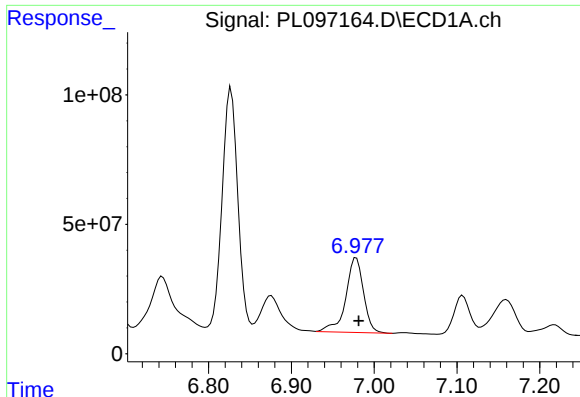
#16 4,4'-DDD

R.T.: 6.683 min
Delta R.T.: 0.016 min
Response: 384333592
Conc: 121.79 ng/ml



#16 4,4'-DDD

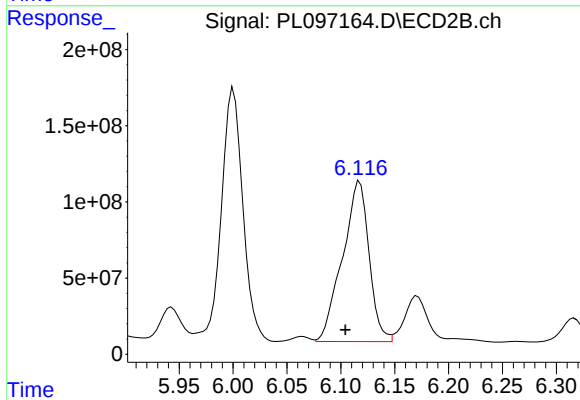
R.T.: 5.847 min
Delta R.T.: -0.004 min
Response: 268914039
Conc: 51.49 ng/ml



#17 4,4'-DDT

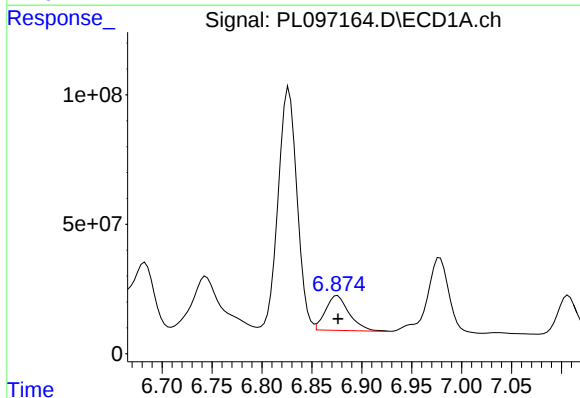
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 430528424
Conc: 122.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



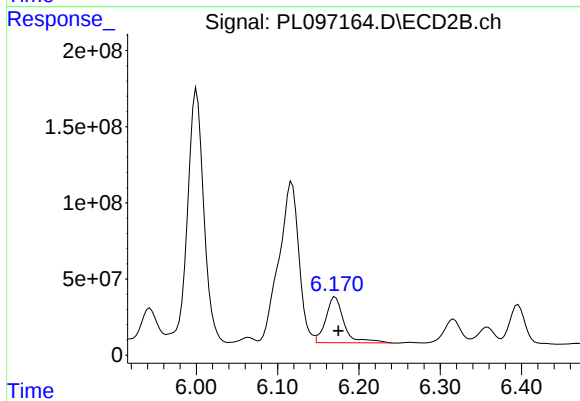
#17 4,4'-DDT

R.T.: 6.118 min
Delta R.T.: 0.013 min
Response: 1808622785
Conc: 330.21 ng/ml



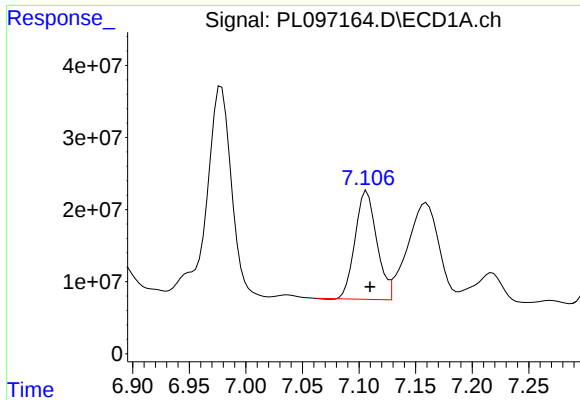
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 222933183
Conc: 85.70 ng/ml



#18 Endrin aldehyde

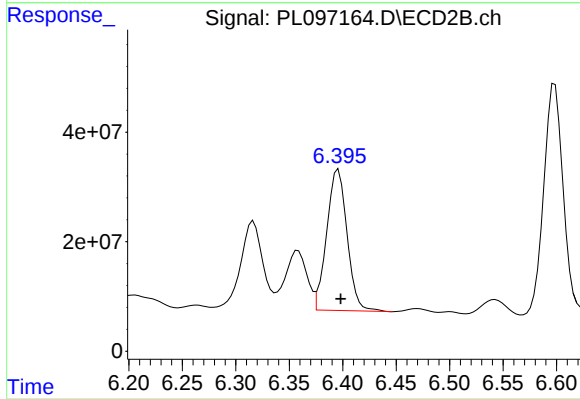
R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 469474358
Conc: 119.21 ng/ml



#19 Endosulfan Sulfate

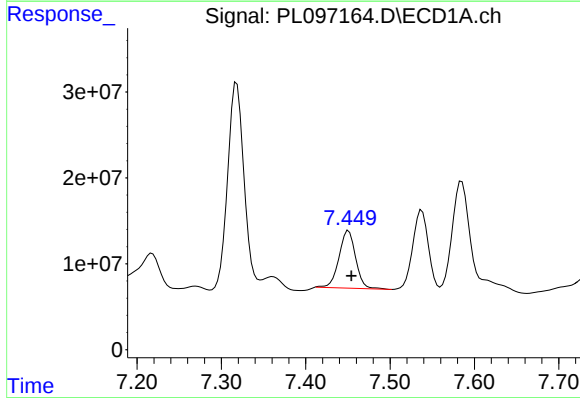
R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 200882986
Conc: 58.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



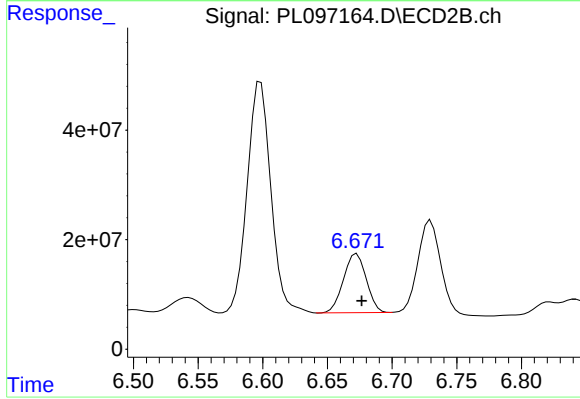
#19 Endosulfan Sulfate

R.T.: 6.396 min
Delta R.T.: -0.002 min
Response: 341717902
Conc: 60.99 ng/ml



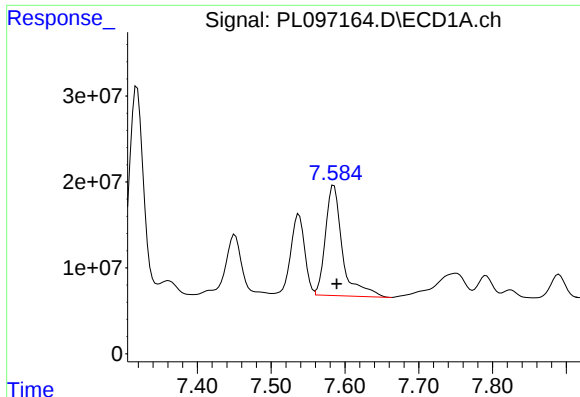
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 91626568
Conc: 52.80 ng/ml



#20 Methoxychlor

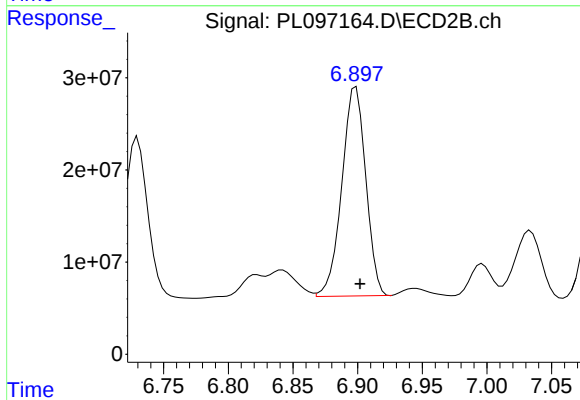
R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 131644191
Conc: 43.88 ng/ml



#21 Endrin ketone

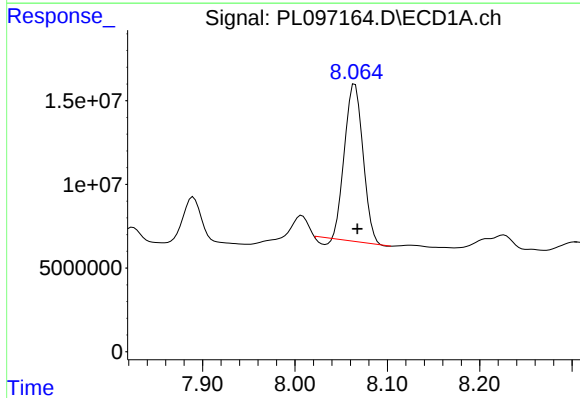
R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 205881479
Conc: 57.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



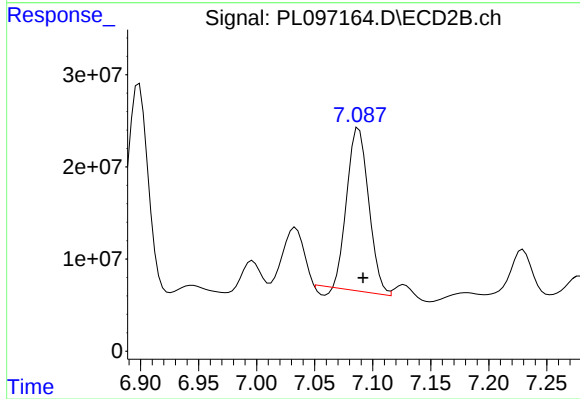
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 291606085
Conc: 46.59 ng/ml



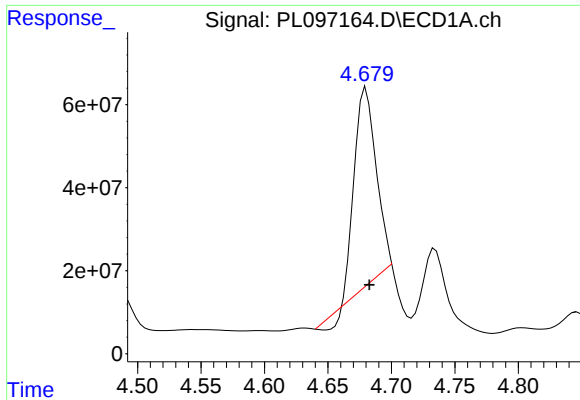
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 128007480
Conc: 42.78 ng/ml



#22 Mirex

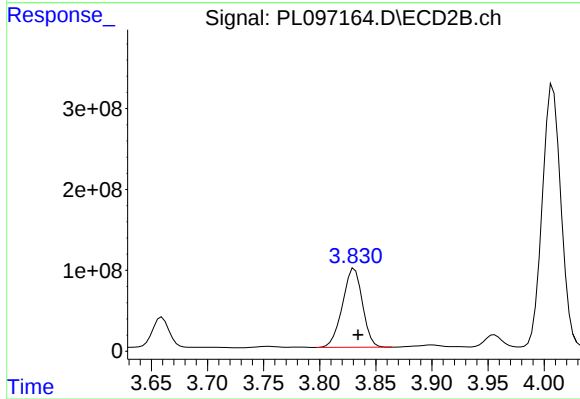
R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 226907831
Conc: 46.72 ng/ml



#23 Chlordane-1

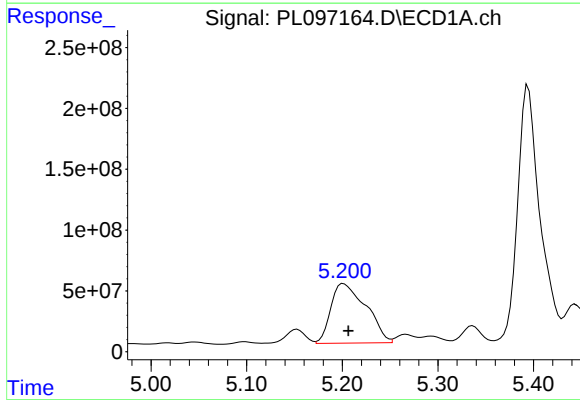
R.T.: 4.680 min
Delta R.T.: -0.003 min
Response: 567336055
Conc: 3262.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



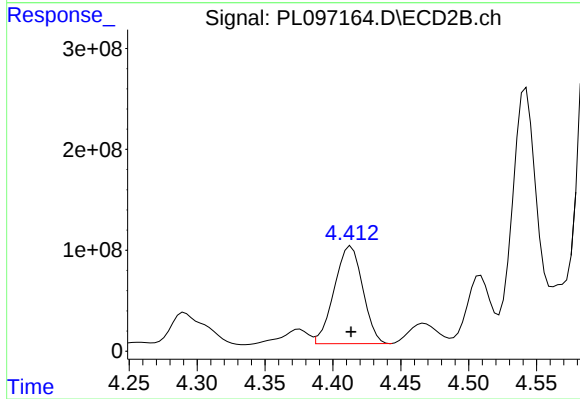
#23 Chlordane-1

R.T.: 3.831 min
Delta R.T.: -0.003 min
Response: 1207455112
Conc: 6168.86 ng/ml



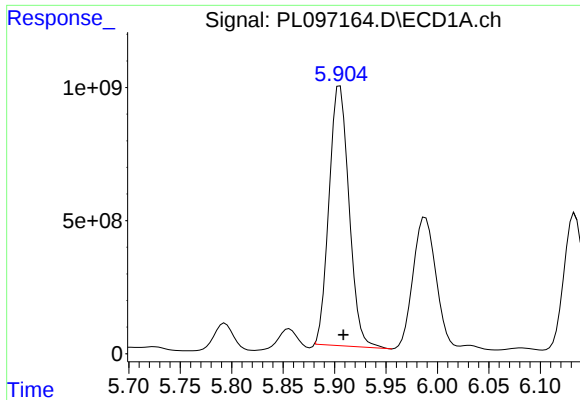
#24 Chlordane-2

R.T.: 5.201 min
Delta R.T.: -0.005 min
Response: 1249728767
Conc: 6860.06 ng/ml



#24 Chlordane-2

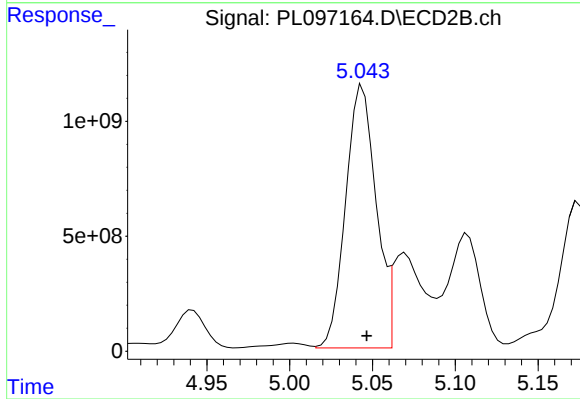
R.T.: 4.413 min
Delta R.T.: 0.000 min
Response: 1412076112
Conc: 6032.74 ng/ml



#25 Chlordane-3

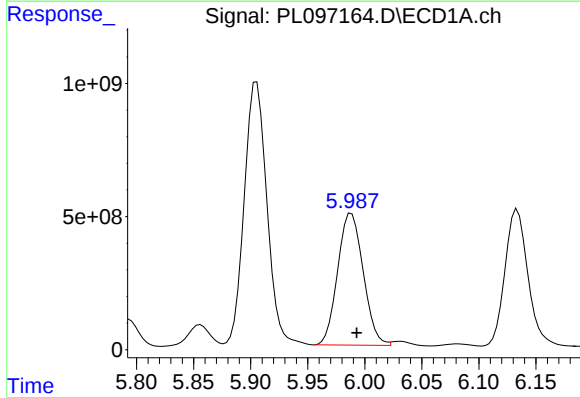
R.T.: 5.905 min
Delta R.T.: -0.003 min
Response: 13204293397
Conc: 20996.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



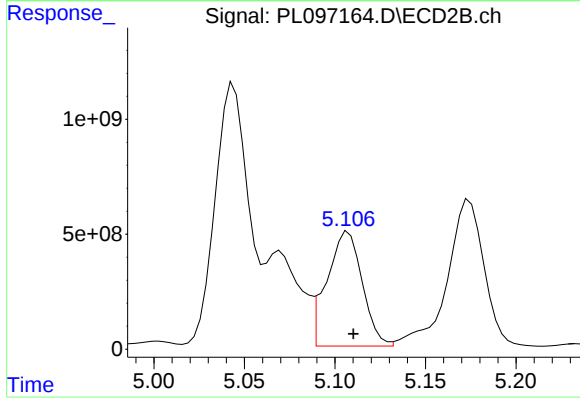
#25 Chlordane-3

R.T.: 5.044 min
Delta R.T.: -0.002 min
Response: 14622231473
Conc: 23198.16 ng/ml



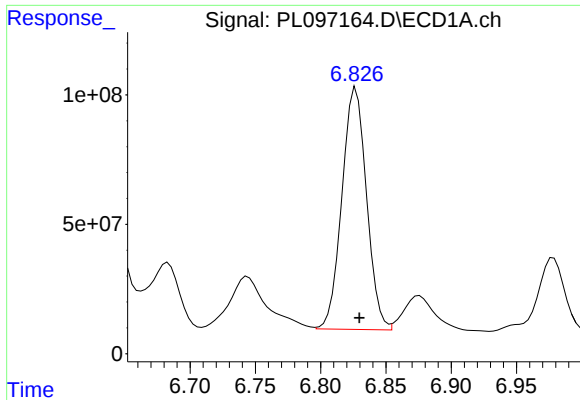
#26 Chlordane-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 7722954961
Conc: 9495.66 ng/ml



#26 Chlordane-4

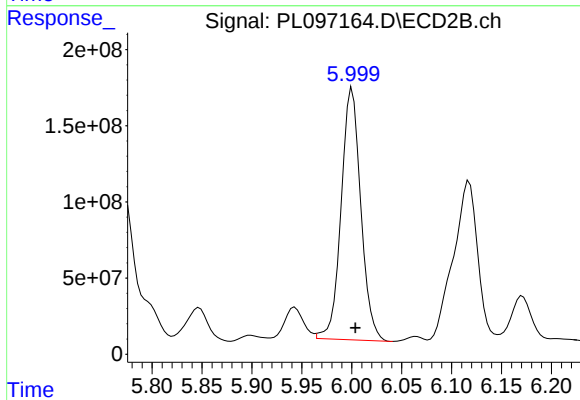
R.T.: 5.107 min
Delta R.T.: -0.003 min
Response: 6768120034
Conc: 12135.89 ng/ml



#27 Chlordane-5

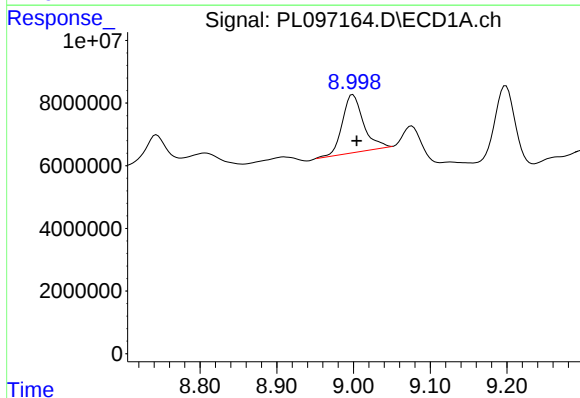
R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 1226258066
Conc: 9040.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-204MSD



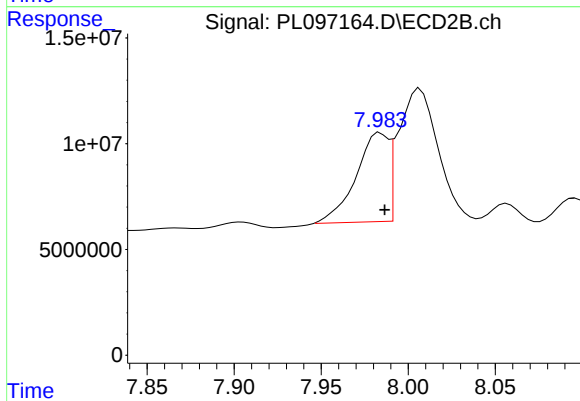
#27 Chlordane-5

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 2267516629
Conc: 10063.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 35586520
Conc: 12.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.003 min
Response: 54255778
Conc: 11.31 ng/ml