

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
 Data File : PL089116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 15:47
 Operator : AR\AJ
 Sample : P2178-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:33:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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	2.798	25862843	14981725	12.169	11.240
28)	SA Decachlor...	9.064	7.950	10531555	10266580	8.268	7.667
Target Compounds							
2)	A alpha-BHC	3.994	3.299	259245	214153	0.087	0.108
3)	MA gamma-BHC...	4.357f	3.651f	135751	297914	0.047	0.155 #
4)	MA Heptachlor	4.912f	3.971	118432	274334	0.048	0.153 #
5)	MB Aldrin	5.294f	4.256	1114808	257664	0.430	0.140 #
7)	B delta-BHC	4.778	4.168	984870	87188	0.368	0.048 #
8)	B Heptachlo...	5.687	4.760	2395468	345990	1.015	0.208 #
9)	A Endosulfan I	6.075	0.000	420143	0	0.192	N.D. #
10)	B gamma-Chl...	5.950	5.035f	4179117	1924659	1.818	1.173 #
11)	B alpha-Chl...	6.033	5.074	5874934	1448857	2.566	0.876 #
12)	B 4,4'-DDE	6.201	5.263	6323728	3099684	3.147	2.108 #
13)	MA Dieldrin	6.353	5.397	702770	227016	0.312	0.139 #
14)	MA Endrin	6.582	5.681	261221	315279	0.139	0.217 #
15)	B Endosulfa...	6.801	5.963	251420	396193	0.131	0.277 #
16)	A 4,4'-DDD	6.726	5.818	887746	151709	0.551	0.125 #
17)	MA 4,4'-DDT	7.031	6.068	4598148	1604310	2.523	1.224 #
18)	B Endrin al...	6.935	6.163f	-102274	247587	N.D.	0.225
19)	B Endosulfa...	7.148f	6.364	348942	398652	0.203	0.295 #
20)	A Methoxychlor	0.000	6.620f	0	539360	N.D.	0.722 #
21)	B Endrin ke...	7.656	0.000	48092	0	0.025	N.D. #
22)	Mirex	8.098f	0.000	888226	0	0.605	N.D. #
23)	Chlordane-1	4.712	3.801	2664077	735016	29.326	14.318 #
24)	Chlordane-2	5.236	4.381	3244843	390022	34.352	6.005 #
25)	Chlordane-3	5.950	5.035f	4179117	1924659	12.966	11.144
26)	Chlordane-4	6.033	5.074	5874934	1448857	14.861	8.933 #
27)	Chlordane-5	6.853f	5.740	165628	561312	2.188	11.134 #

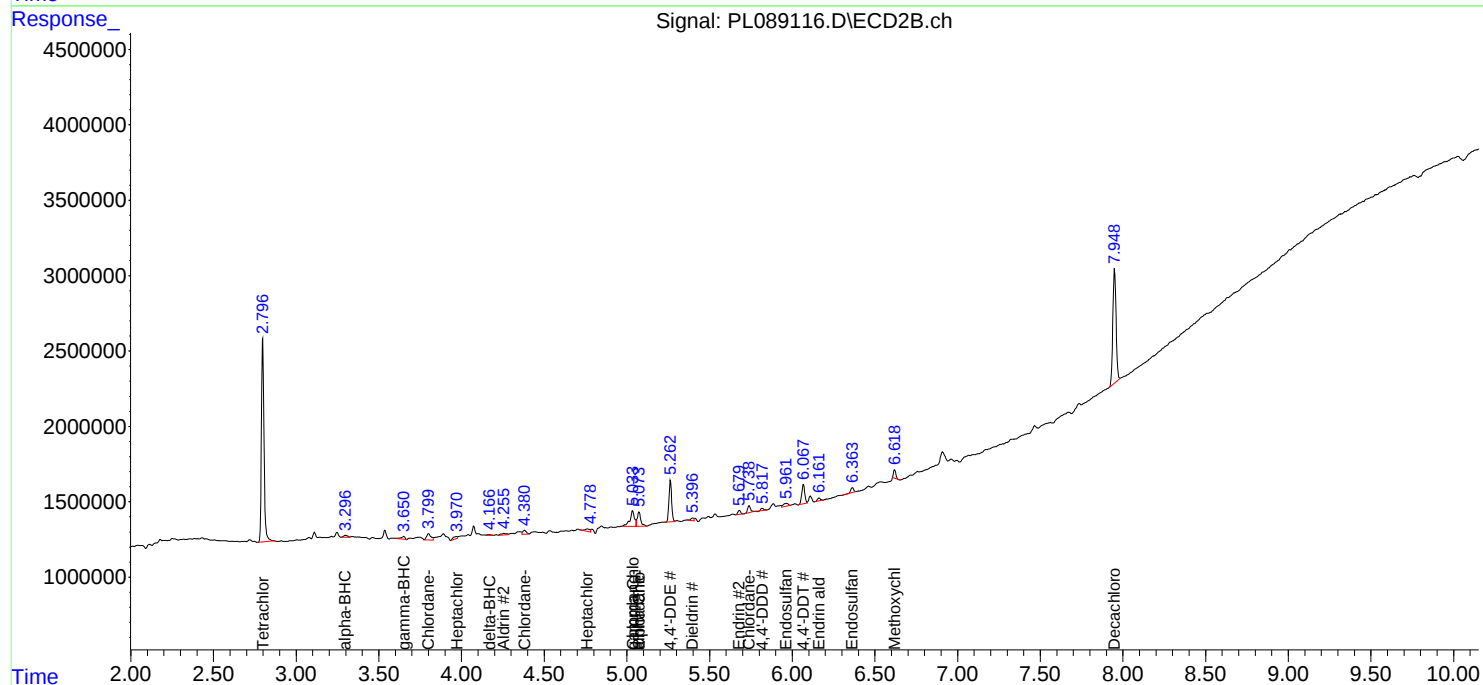
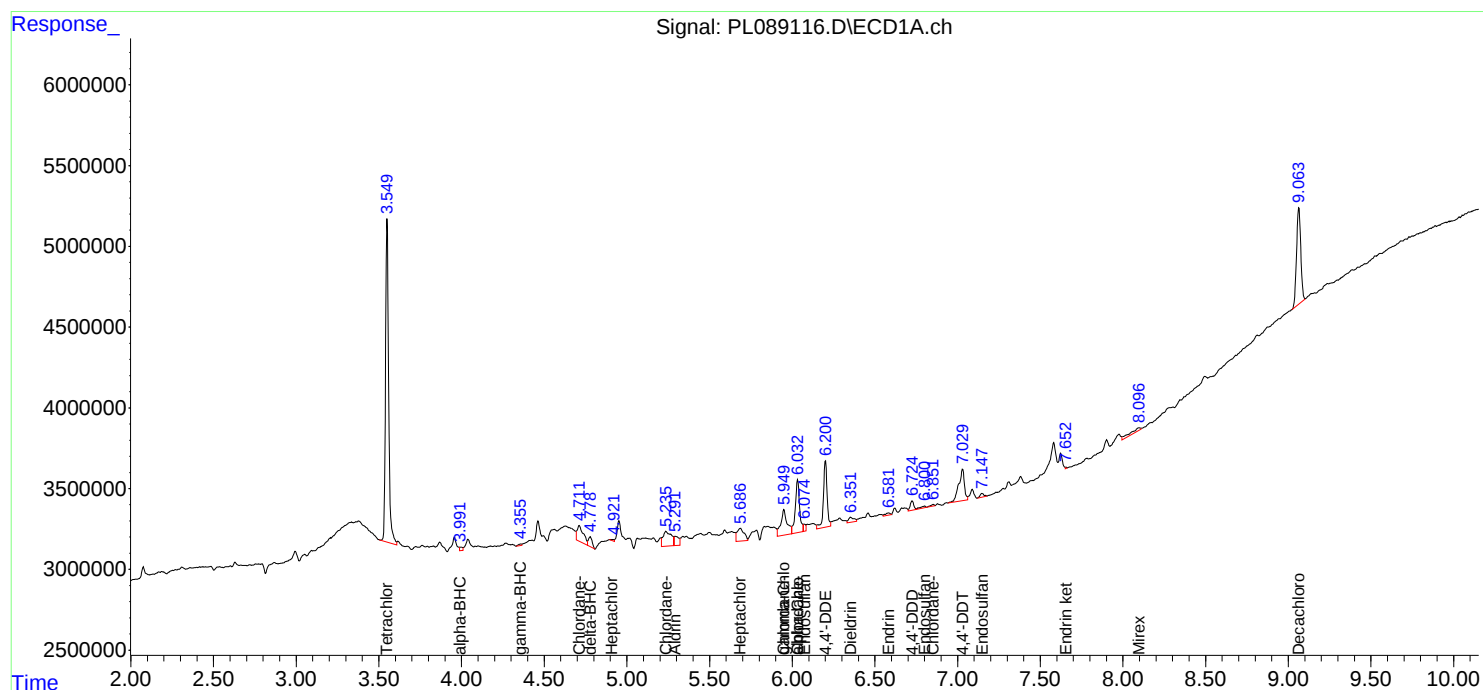
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

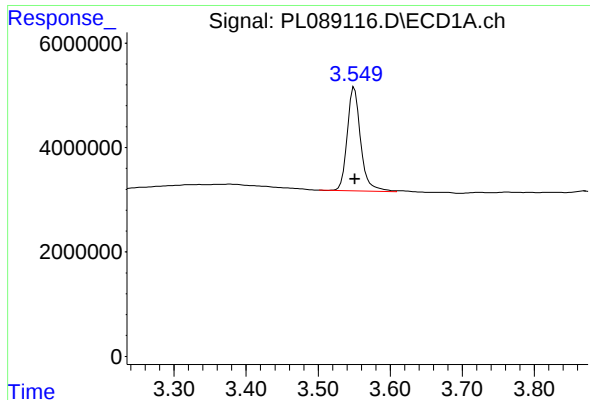
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
 Data File : PL089116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 15:47
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 ClientSampleId :
 TOPSOIL-LKWD-DENALI-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:33:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
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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

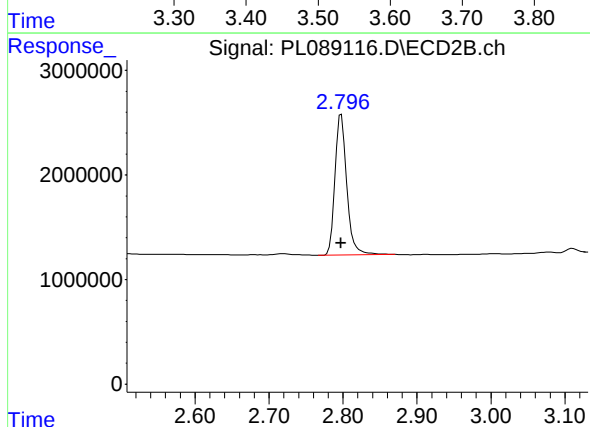




#1 Tetrachloro-m-xylene

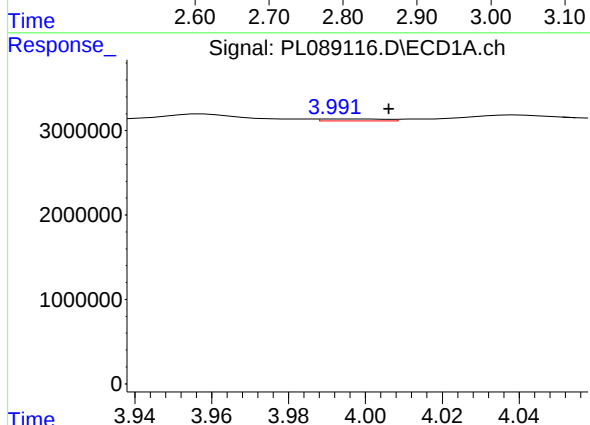
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 25862843
Conc: 12.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



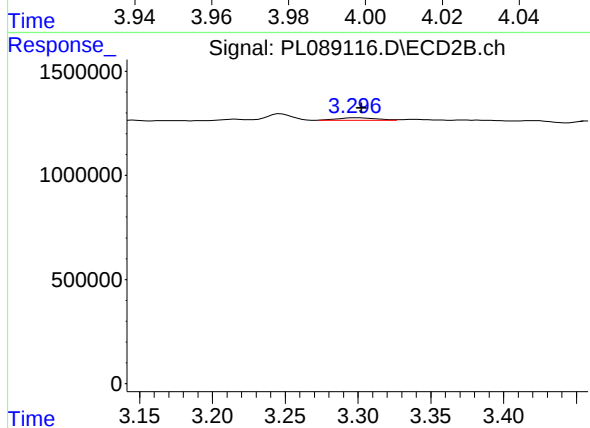
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 14981725
Conc: 11.24 ng/ml



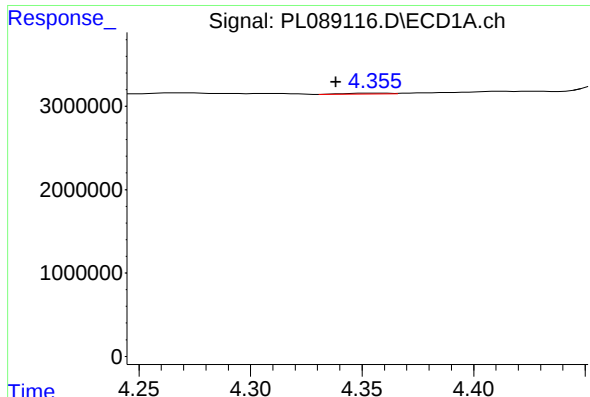
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.012 min
Response: 259245
Conc: 0.09 ng/ml



#2 alpha-BHC

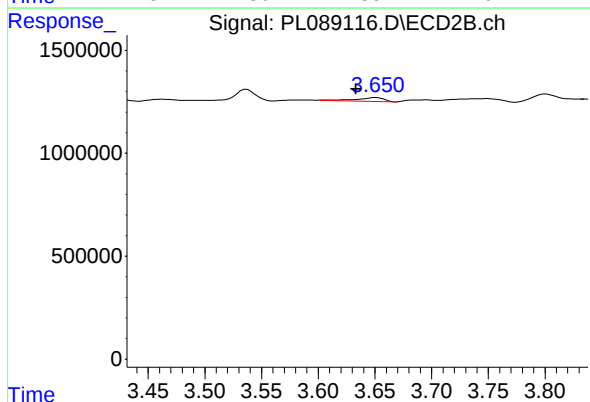
R.T.: 3.299 min
Delta R.T.: -0.004 min
Response: 214153
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

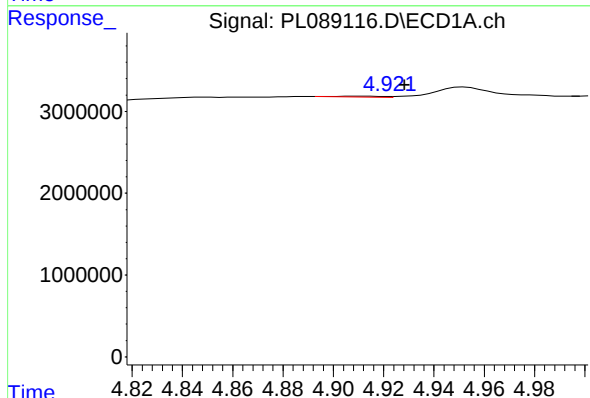
R.T.: 4.357 min
Delta R.T.: 0.018 min
Response: 135751
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



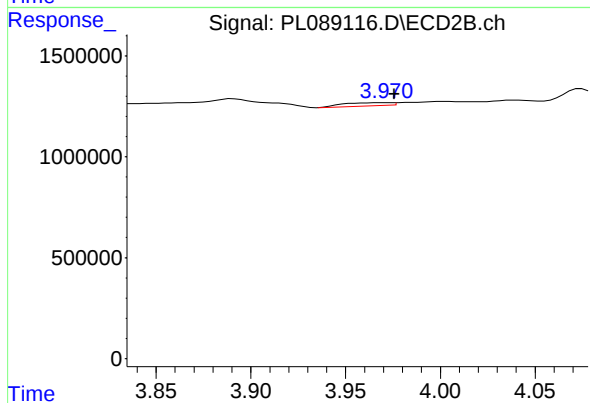
#3 gamma-BHC (Lindane)

R.T.: 3.651 min
Delta R.T.: 0.018 min
Response: 297914
Conc: 0.15 ng/ml



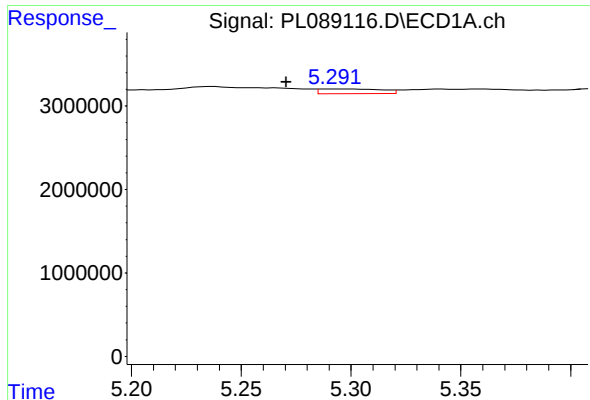
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.017 min
Response: 118432
Conc: 0.05 ng/ml



#4 Heptachlor

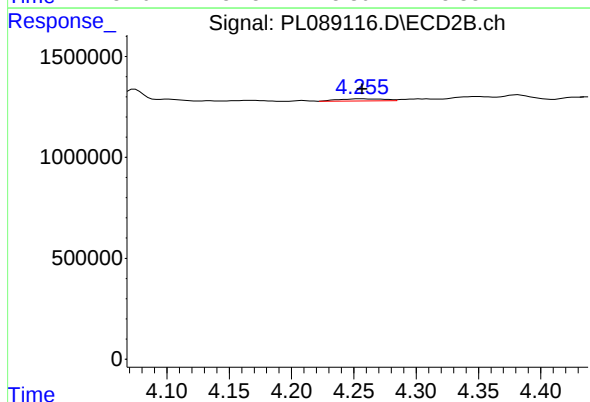
R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 274334
Conc: 0.15 ng/ml



#5 Aldrin

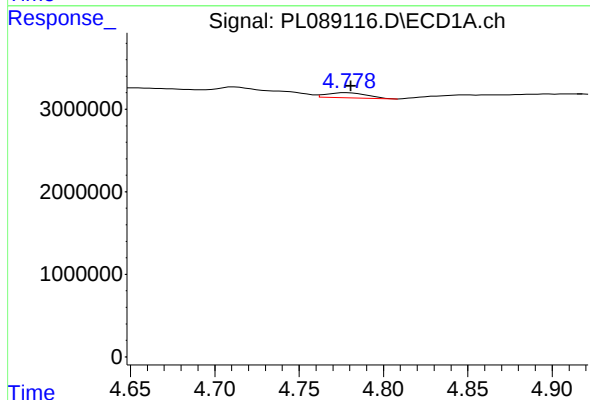
R.T.: 5.294 min
Delta R.T.: 0.024 min
Response: 1114808
Conc: 0.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



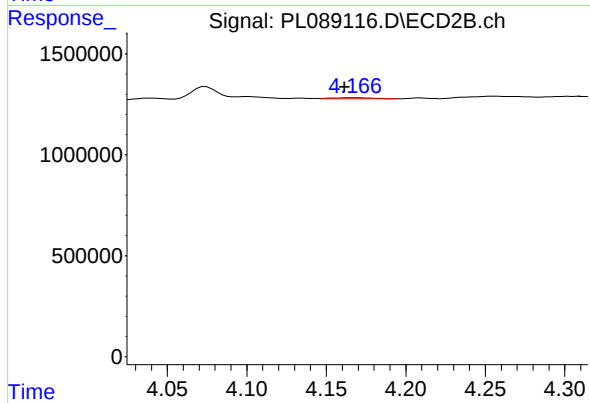
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 257664
Conc: 0.14 ng/ml



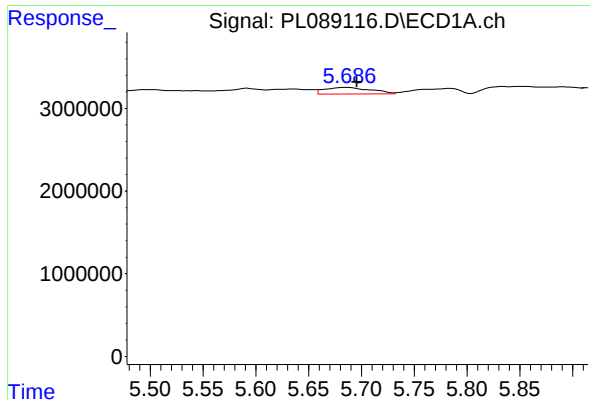
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: -0.003 min
Response: 984870
Conc: 0.37 ng/ml



#7 delta-BHC

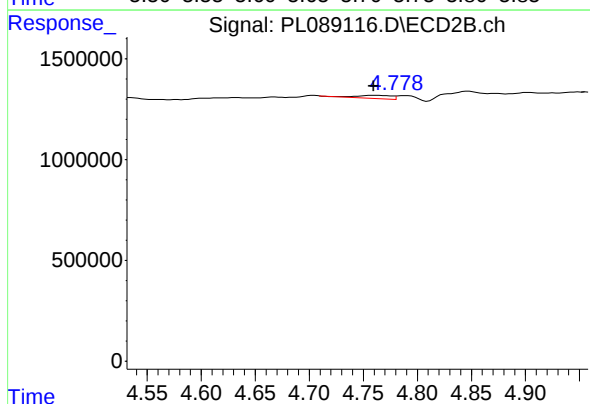
R.T.: 4.168 min
Delta R.T.: 0.006 min
Response: 87188
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

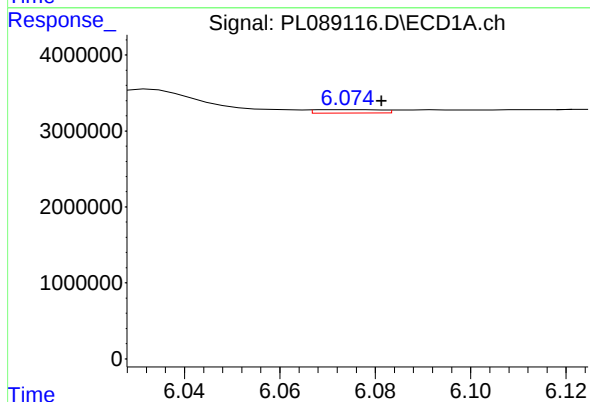
R.T.: 5.687 min
Delta R.T.: -0.008 min
Response: 2395468
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



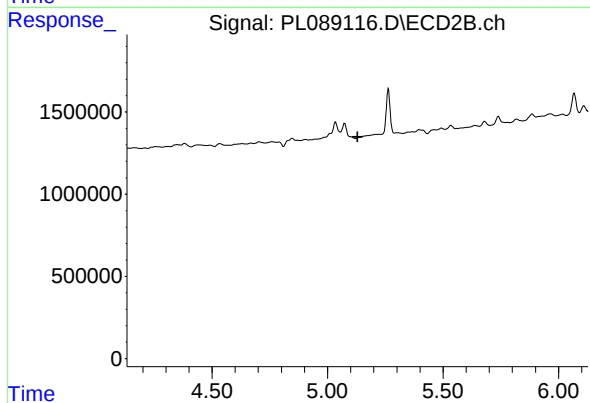
#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 345990
Conc: 0.21 ng/ml



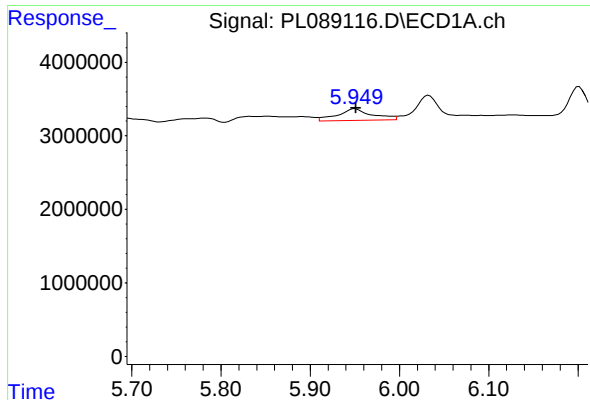
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.007 min
Response: 420143
Conc: 0.19 ng/ml



#9 Endosulfan I

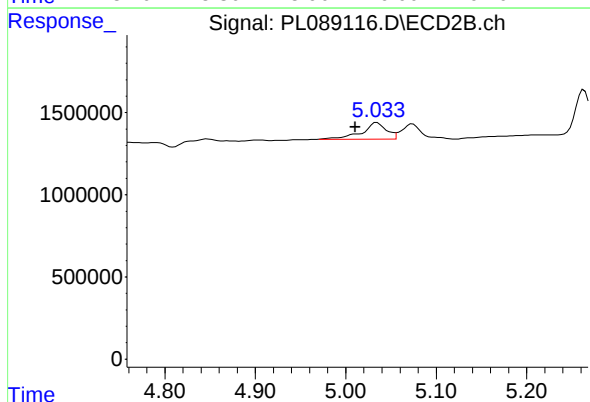
R.T.: 0.000 min
Exp R.T.: 5.130 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

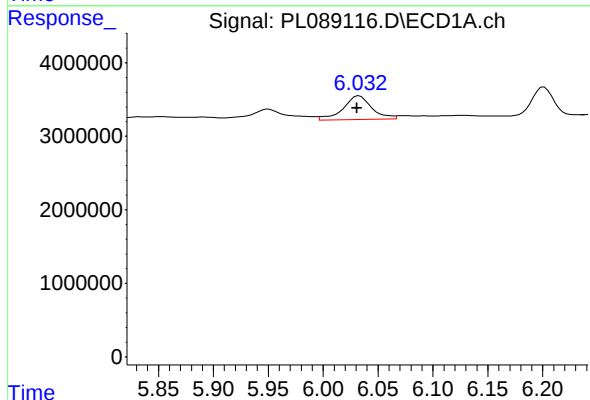
R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 4179117
Conc: 1.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



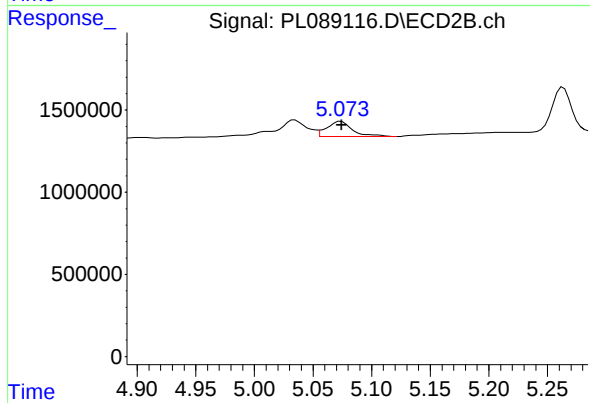
#10 gamma-Chlordane

R.T.: 5.035 min
Delta R.T.: 0.024 min
Response: 1924659
Conc: 1.17 ng/ml



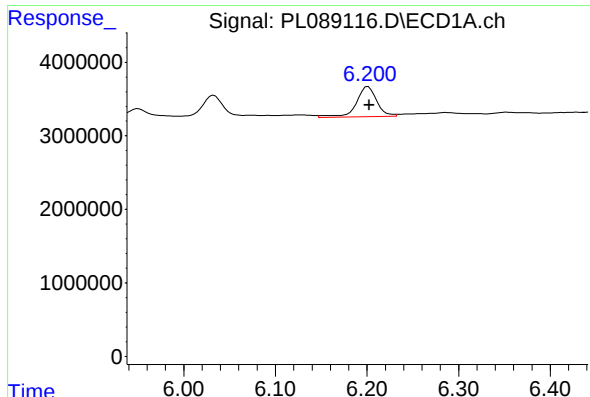
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 5874934
Conc: 2.57 ng/ml



#11 alpha-Chlordane

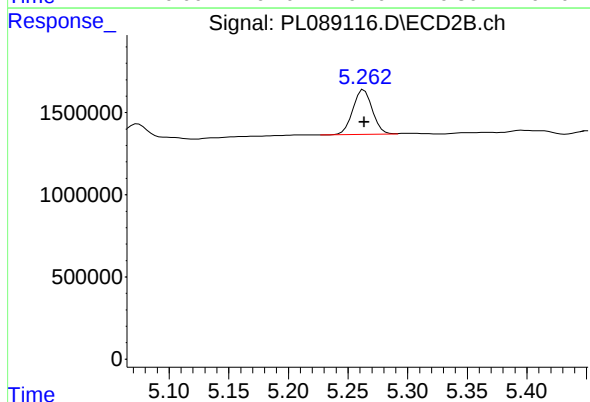
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1448857
Conc: 0.88 ng/ml



#12 4,4'-DDE

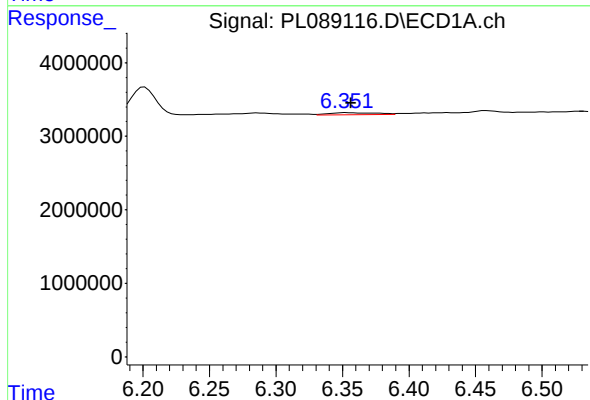
R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 6323728
Conc: 3.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



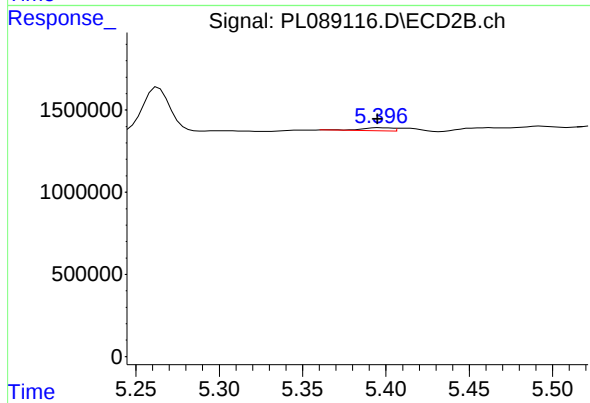
#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 3099684
Conc: 2.11 ng/ml



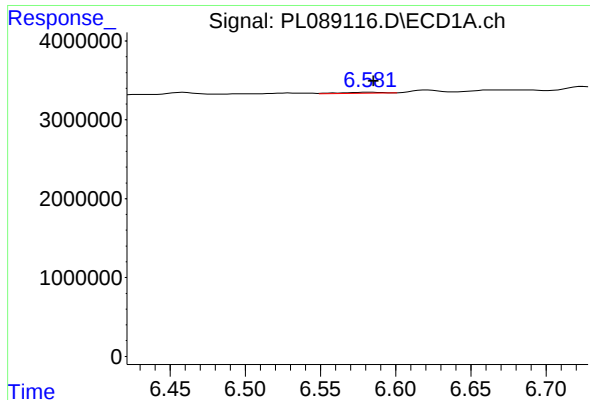
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 702770
Conc: 0.31 ng/ml



#13 Dieldrin

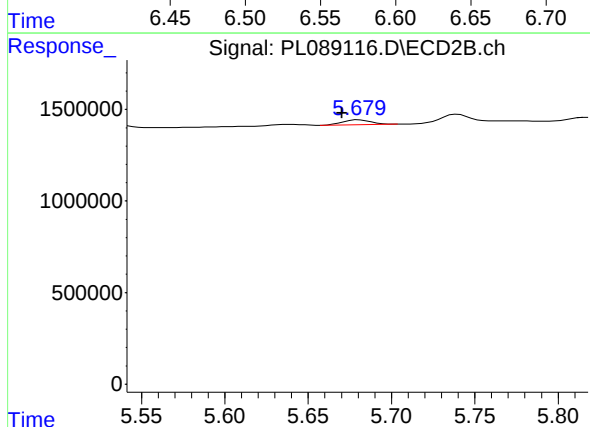
R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 227016
Conc: 0.14 ng/ml



#14 Endrin

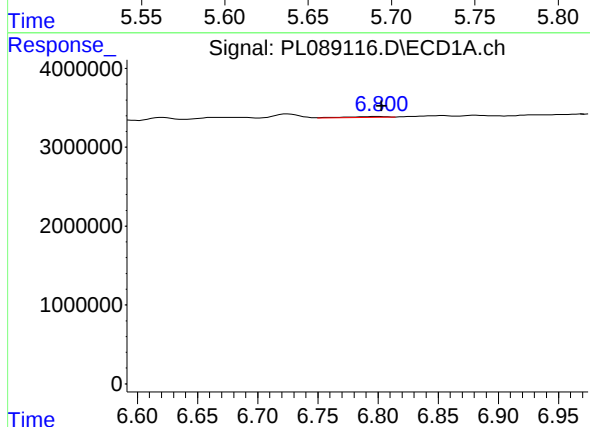
R.T.: 6.582 min
Delta R.T.: -0.003 min
Response: 261221
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



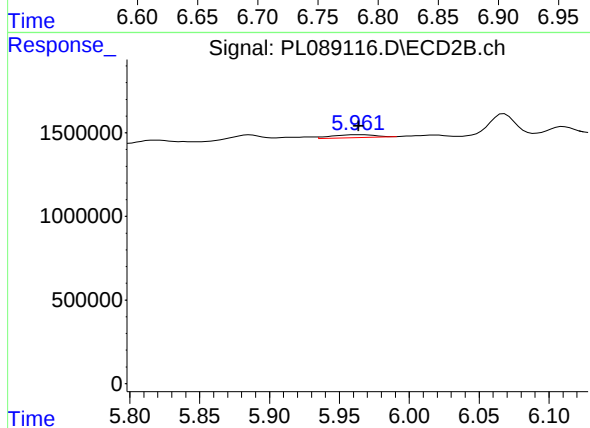
#14 Endrin

R.T.: 5.681 min
Delta R.T.: 0.010 min
Response: 315279
Conc: 0.22 ng/ml



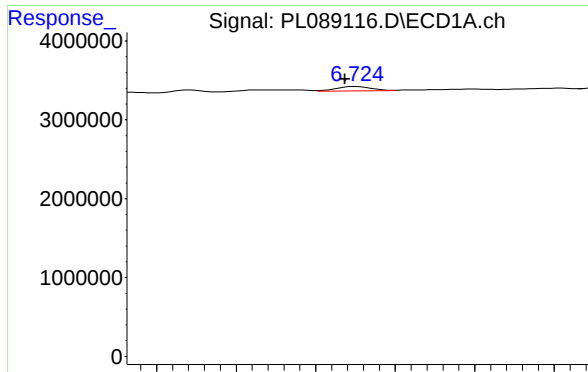
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 251420
Conc: 0.13 ng/ml



#15 Endosulfan II

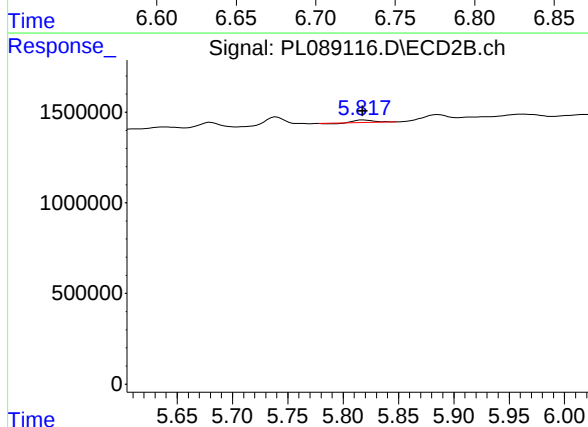
R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 396193
Conc: 0.28 ng/ml



#16 4,4'-DDD

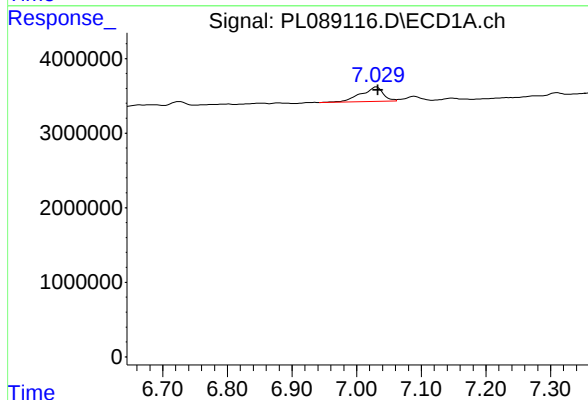
R.T.: 6.726 min
Delta R.T.: 0.007 min
Response: 887746
Conc: 0.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



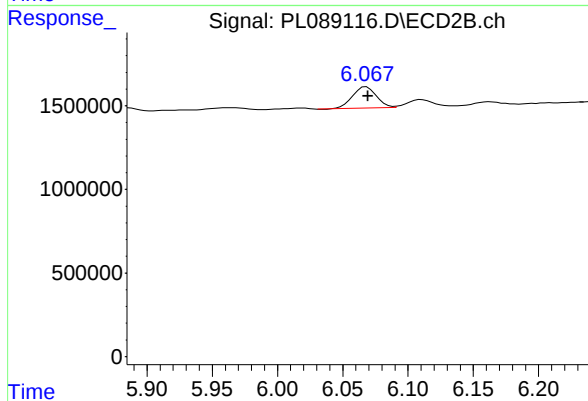
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 151709
Conc: 0.13 ng/ml



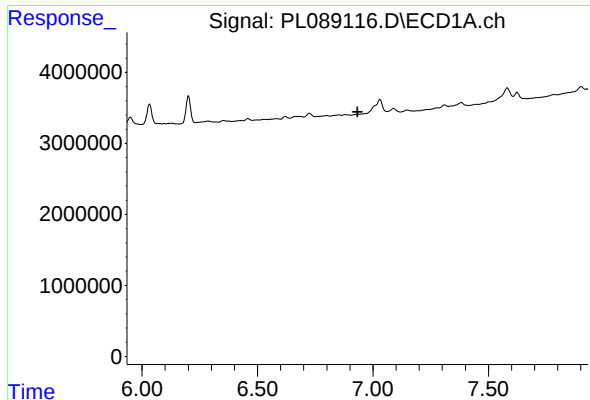
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 4598148
Conc: 2.52 ng/ml



#17 4,4'-DDT

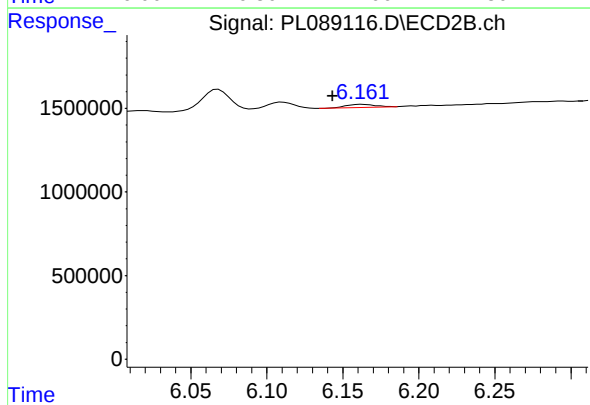
R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 1604310
Conc: 1.22 ng/ml



#18 Endrin aldehyde

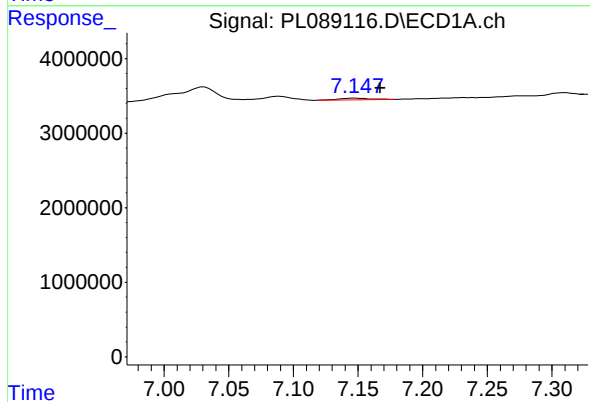
R.T.: 6.935 min
Delta R.T.: 0.002 min
Response: -102274
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



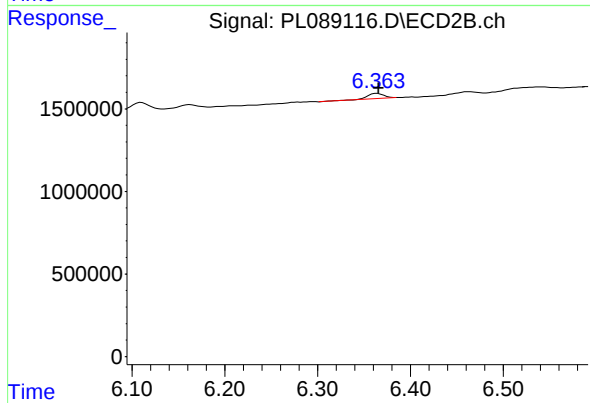
#18 Endrin aldehyde

R.T.: 6.163 min
Delta R.T.: 0.020 min
Response: 247587
Conc: 0.23 ng/ml



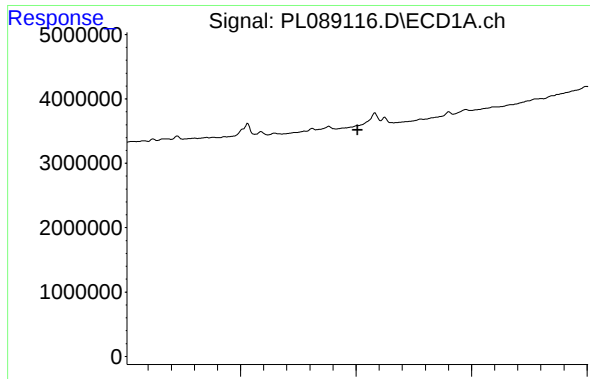
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: -0.019 min
Response: 348942
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

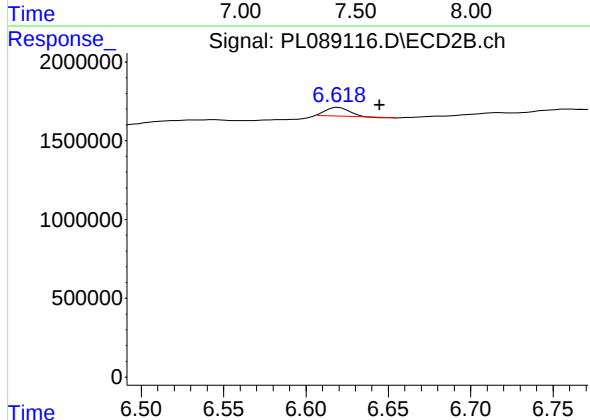
R.T.: 6.364 min
Delta R.T.: -0.001 min
Response: 398652
Conc: 0.29 ng/ml



#20 Methoxychlor

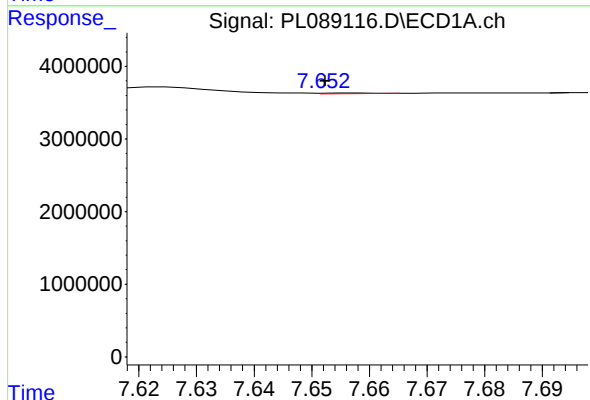
R.T.: 0.000 min
Exp R.T.: 7.506 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



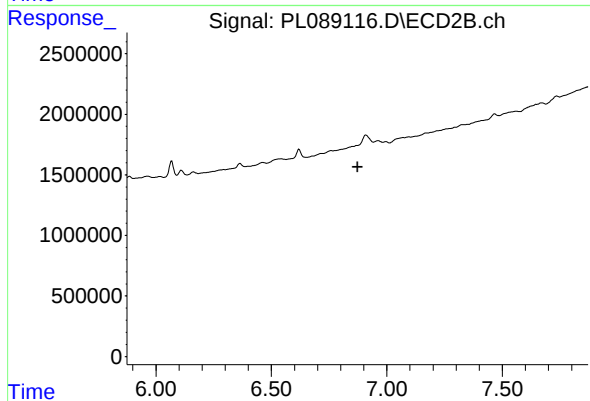
#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.025 min
Response: 539360
Conc: 0.72 ng/ml



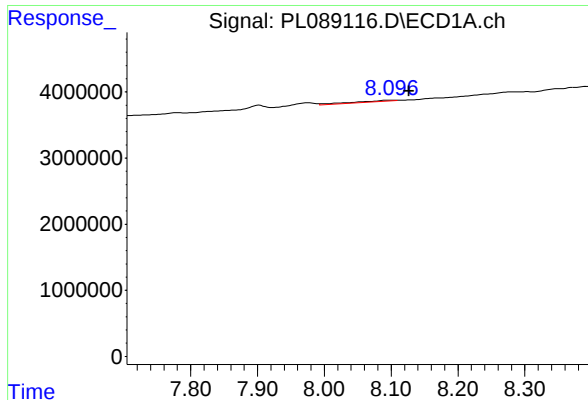
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: 0.004 min
Response: 48092
Conc: 0.02 ng/ml



#21 Endrin ketone

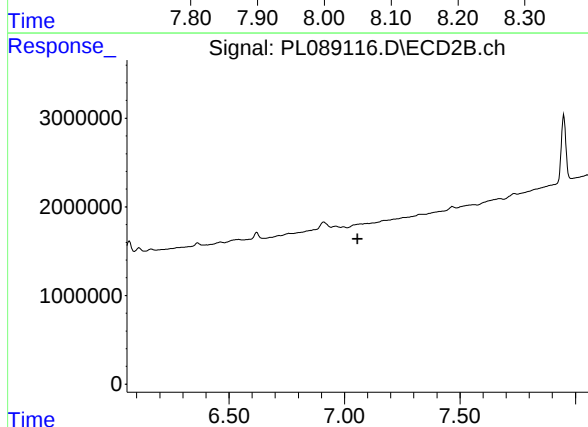
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.



#22 Mirex

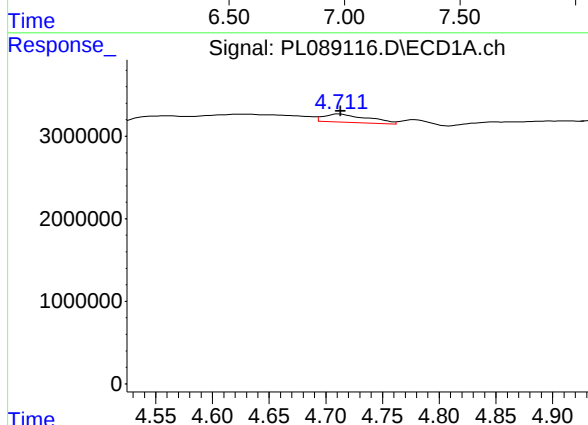
R.T.: 8.098 min
Delta R.T.: -0.029 min
Response: 888226
Conc: 0.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



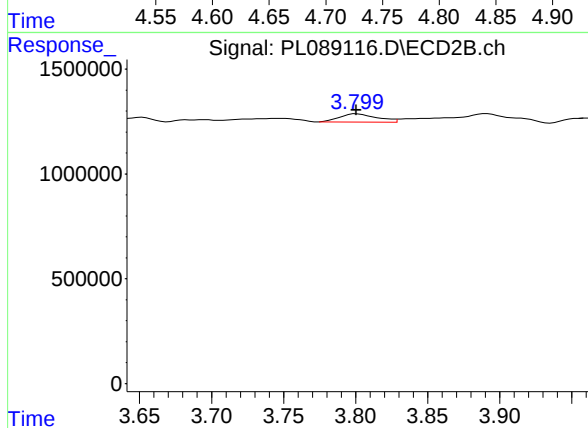
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.056 min
Response: 0
Conc: N.D.



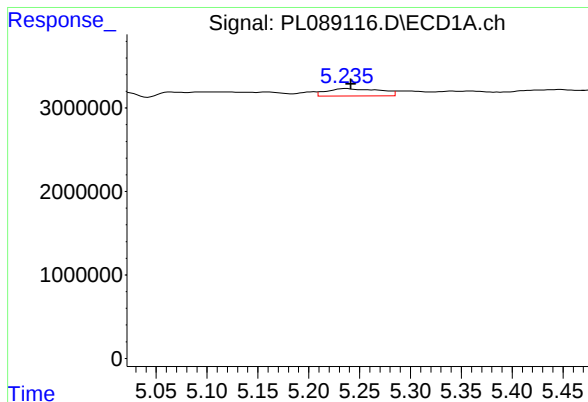
#23 Chlordane-1

R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 2664077
Conc: 29.33 ng/ml



#23 Chlordane-1

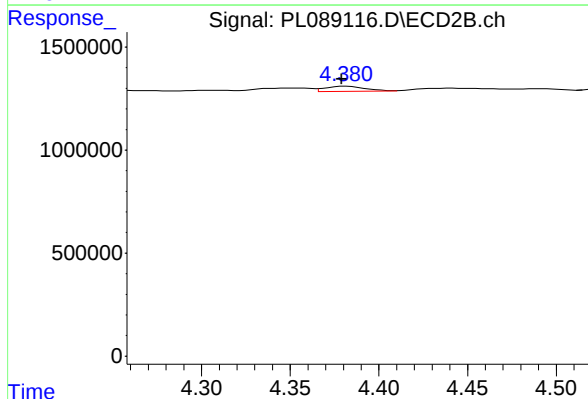
R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 735016
Conc: 14.32 ng/ml



#24 Chlordane-2

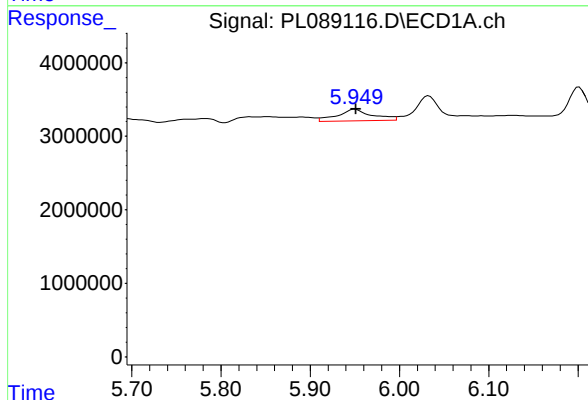
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 3244843
Conc: 34.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



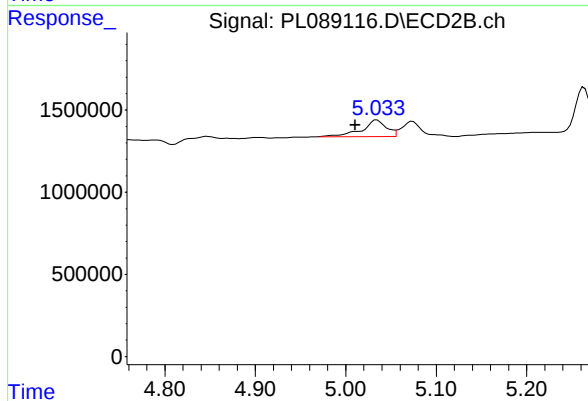
#24 Chlordane-2

R.T.: 4.381 min
Delta R.T.: 0.002 min
Response: 390022
Conc: 6.01 ng/ml



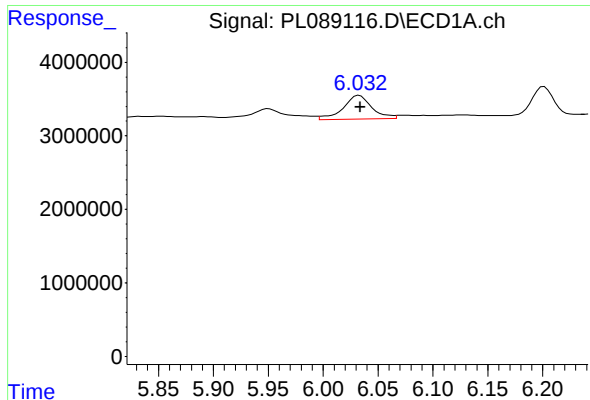
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 4179117
Conc: 12.97 ng/ml



#25 Chlordane-3

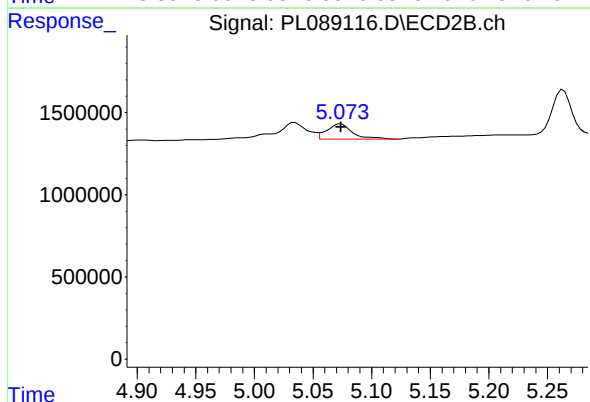
R.T.: 5.035 min
Delta R.T.: 0.024 min
Response: 1924659
Conc: 11.14 ng/ml



#26 Chlordane-4

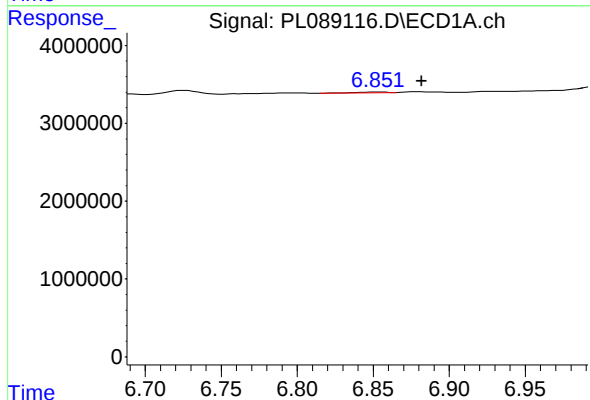
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 5874934
Conc: 14.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



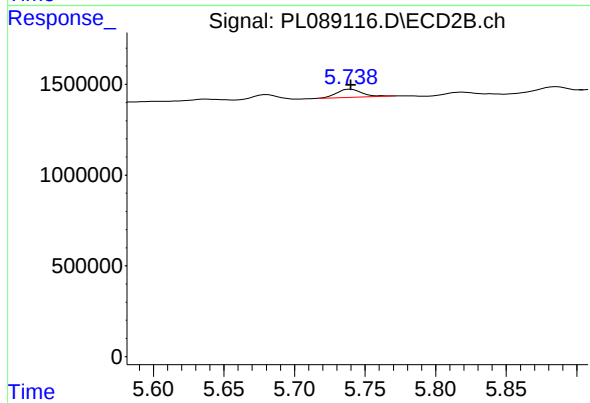
#26 Chlordane-4

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1448857
Conc: 8.93 ng/ml



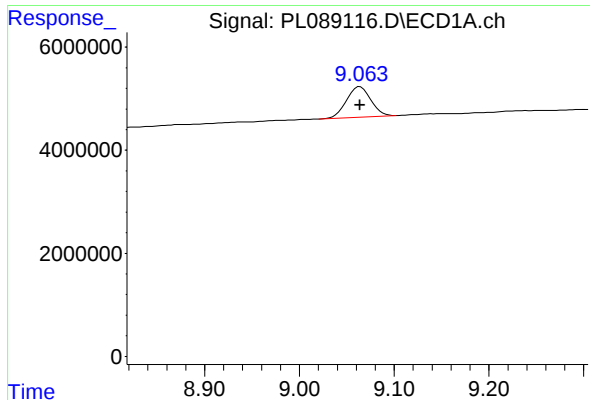
#27 Chlordane-5

R.T.: 6.853 min
Delta R.T.: -0.029 min
Response: 165628
Conc: 2.19 ng/ml



#27 Chlordane-5

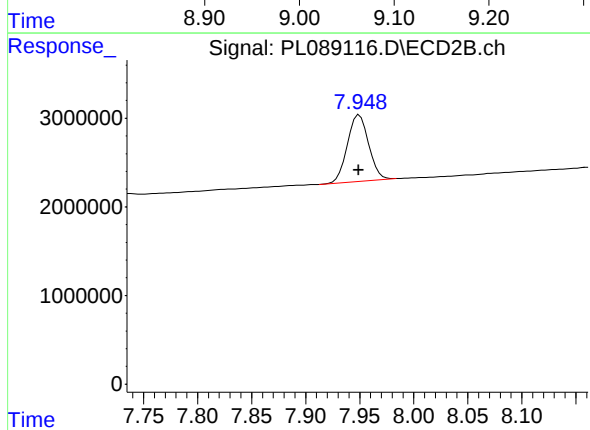
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 561312
Conc: 11.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 10531555
Conc: 8.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-5



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 10266580
Conc: 7.67 ng/ml