

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089137.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 10:17
 Operator : AR\AJ
 Sample : P2178-03RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 11:45:11 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...	3.556	2.798	26721209	15676448	12.573	11.761
28)	SA Decachlor...	9.069	7.950	11154491	10792041	8.757	8.059
Target Compounds							
2)	A alpha-BHC	4.009	3.305	102184	411848	0.034	0.208 #
3)	MA gamma-BHC...	4.314f	3.651f	1745796	258057	0.605	0.134 #
4)	MA Heptachlor	0.000	3.971	0	352575	N.D.	0.196 #
5)	MB Aldrin	5.269	4.258	1471948	477249	0.567	0.260 #
6)	B beta-BHC	4.543	0.000	1638650	0	1.221	N.D. #
7)	B delta-BHC	4.785	4.164	484546	218396	0.181	0.120 #
8)	B Heptachlo...	5.694	4.761	2696101	291067	1.143	0.175 #
9)	A Endosulfan I	6.085	0.000	1182196	0	0.541	N.D. #
10)	B gamma-Chl...	5.956	5.035f	6853796	1992923	2.981	1.215 #
11)	B alpha-Chl...	6.038	5.075	8118558	1533667	3.546	0.927 #
12)	B 4,4'-DDE	6.206	5.264	8725333	3045684	4.342	2.071 #
13)	MA Dieldrin	6.360	5.399	2569597	465409	1.139	0.285 #
14)	MA Endrin	6.595	5.683	2665462	323294	1.418	0.222 #
15)	B Endosulfa...	6.804	5.966	923024	156251	0.479	0.109 #
16)	A 4,4'-DDD	6.731	5.820	2697642	221992	1.674	0.183 #
17)	MA 4,4'-DDT	7.036	6.069	2368405	1602056	1.300	1.222
18)	B Endrin al...	0.000	6.165f	0	288561	N.D.	0.263 #
19)	B Endosulfa...	7.154	6.366	392550	497868	0.229	0.368 #
20)	A Methoxychlor	0.000	6.621f	0	807924	N.D.	1.081 #
21)	B Endrin ke...	7.670f	0.000	125742	0	0.065	N.D. #
22)	Mirex	8.098f	0.000	55515	0	0.038	N.D. #
23)	Chlordane-1	4.717	3.801	1079320	728721	11.881	14.196
24)	Chlordane-2	5.242	4.383	1878247	485434	19.884	7.474 #
25)	Chlordane-3	5.956	5.035f	6853796	1992923	21.265	11.539 #
26)	Chlordane-4	6.038	5.075	8118558	1533667	20.536	9.456 #
27)	Chlordane-5	6.856f	5.740	223191	495806	2.948	9.835 #

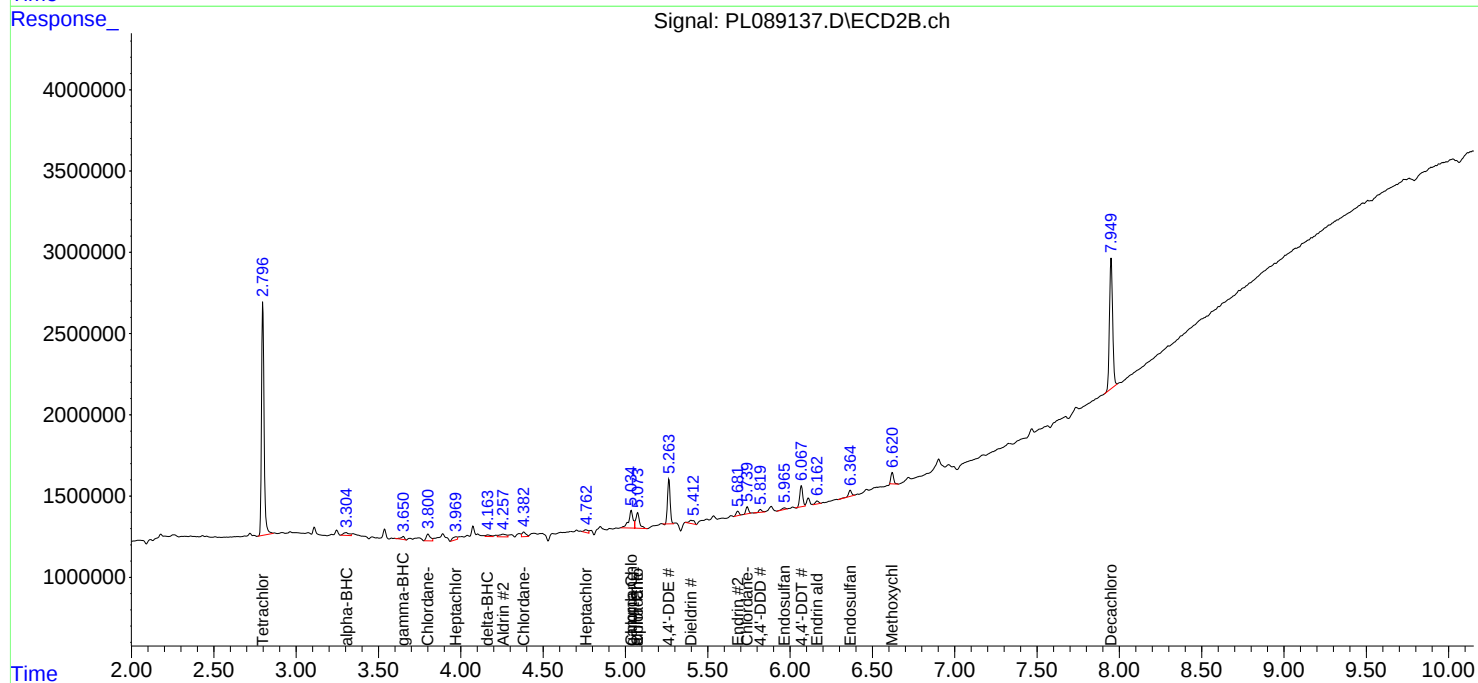
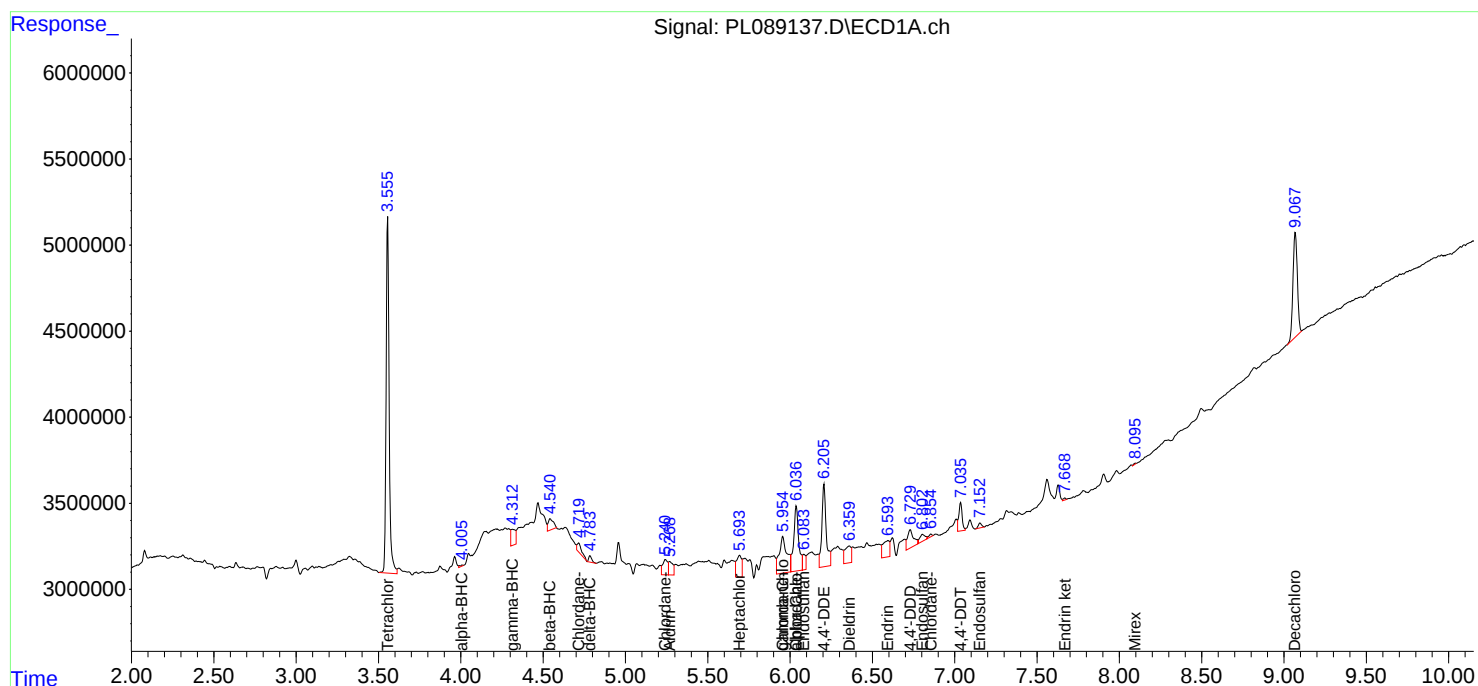
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

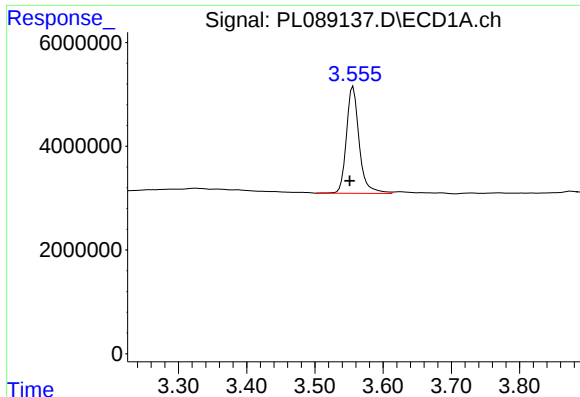
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089137.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 10:17
Operator : AR\AJ
Sample : P2178-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 11:45:11 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

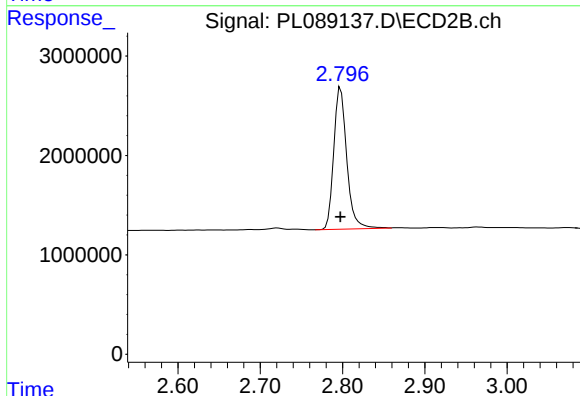




#1 Tetrachloro-m-xylene

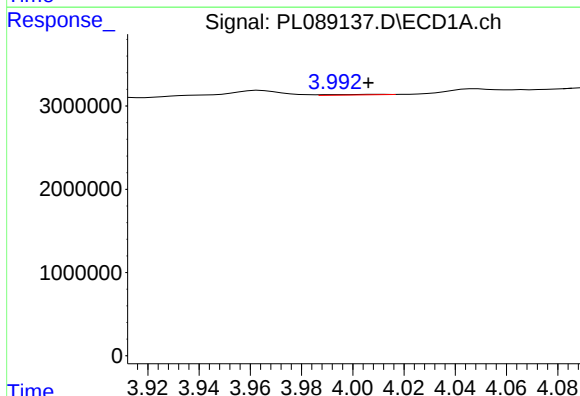
R.T.: 3.556 min
Delta R.T.: 0.005 min
Response: 26721209
Conc: 12.57 ng/ml

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



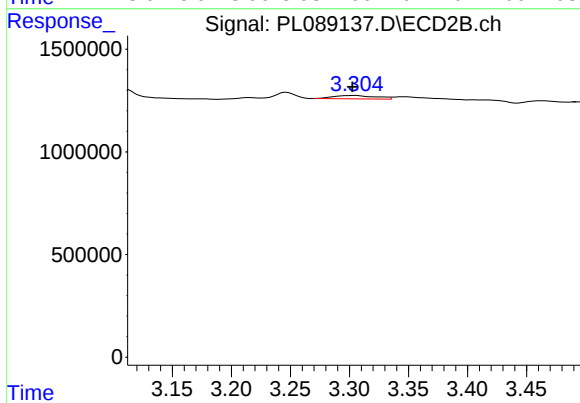
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 15676448
Conc: 11.76 ng/ml



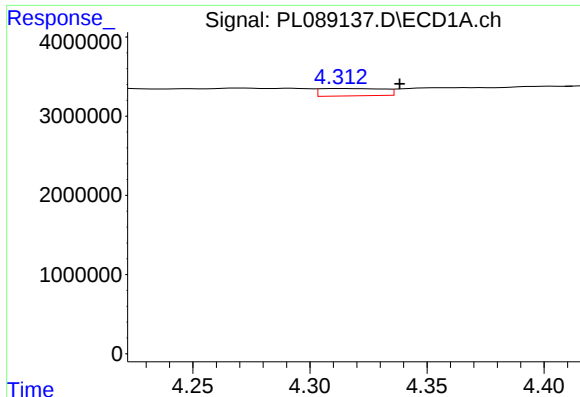
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.003 min
Response: 102184
Conc: 0.03 ng/ml



#2 alpha-BHC

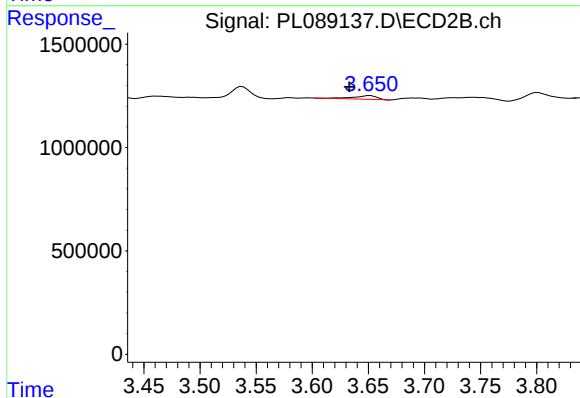
R.T.: 3.305 min
Delta R.T.: 0.002 min
Response: 411848
Conc: 0.21 ng/ml



#3 gamma-BHC (Lindane)

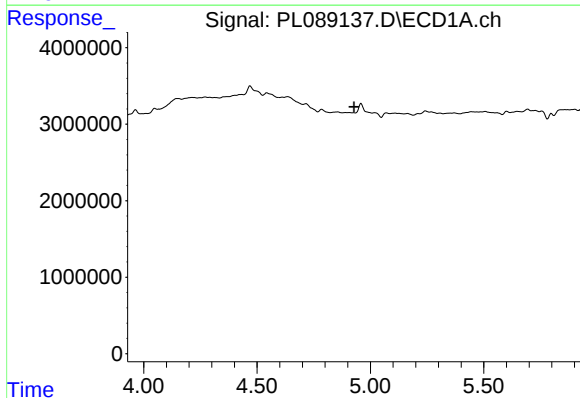
R.T.: 4.314 min
Delta R.T.: -0.024 min
Response: 1745796
Conc: 0.61 ng/ml

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



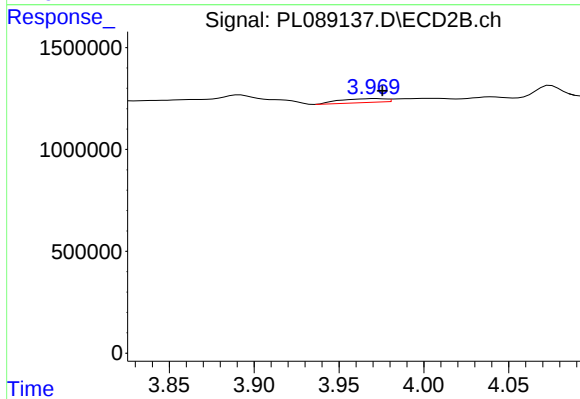
#3 gamma-BHC (Lindane)

R.T.: 3.651 min
Delta R.T.: 0.018 min
Response: 258057
Conc: 0.13 ng/ml



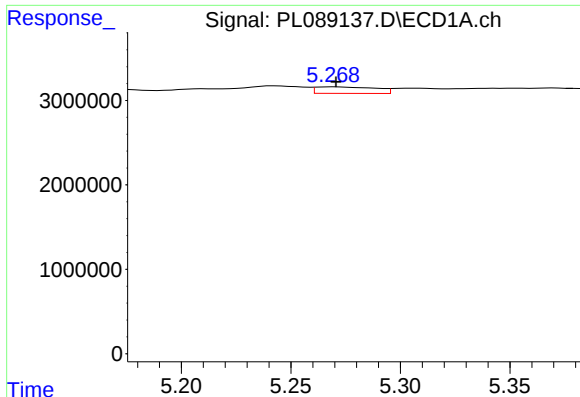
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.928 min
Response: 0
Conc: N.D.



#4 Heptachlor

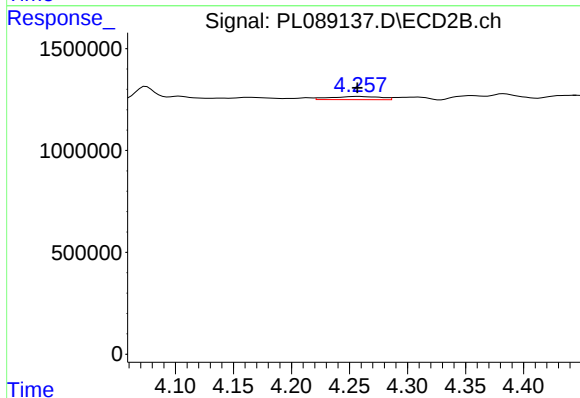
R.T.: 3.971 min
Delta R.T.: -0.004 min
Response: 352575
Conc: 0.20 ng/ml



#5 Aldrin

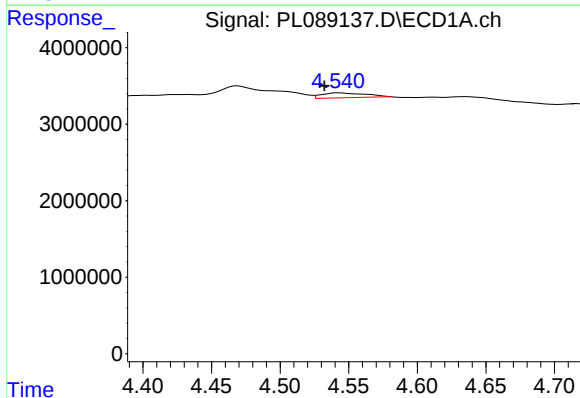
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 1471948
Conc: 0.57 ng/ml

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



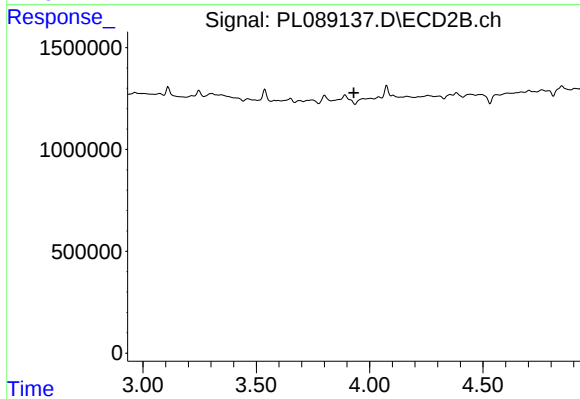
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: 0.001 min
Response: 477249
Conc: 0.26 ng/ml



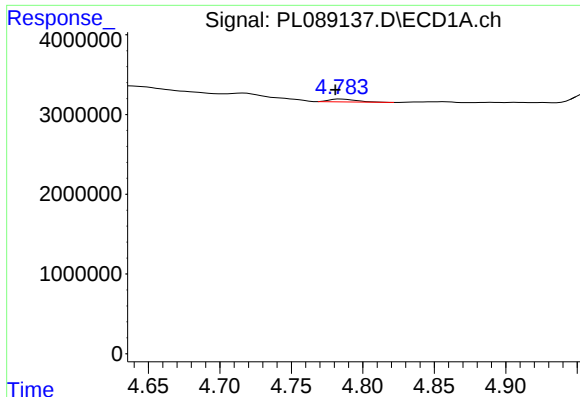
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.010 min
Response: 1638650
Conc: 1.22 ng/ml



#6 beta-BHC

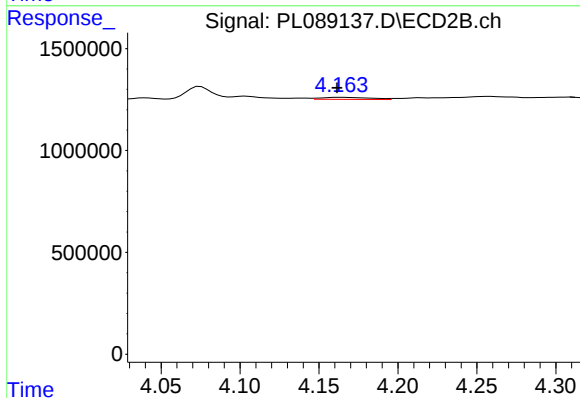
R.T.: 0.000 min
Exp R.T. : 3.930 min
Response: 0
Conc: N.D.



#7 delta-BHC

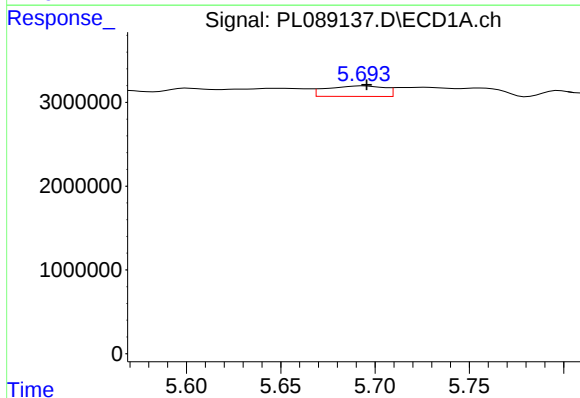
R.T.: 4.785 min
Delta R.T.: 0.004 min
Response: 484546
Conc: 0.18 ng/ml

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



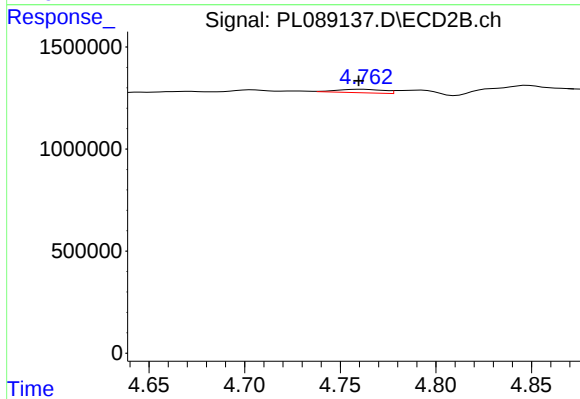
#7 delta-BHC

R.T.: 4.164 min
Delta R.T.: 0.003 min
Response: 218396
Conc: 0.12 ng/ml



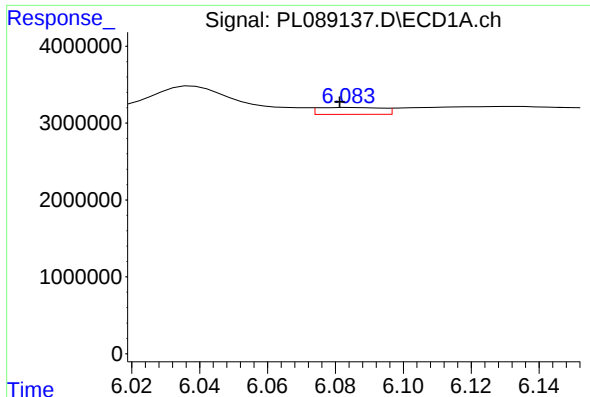
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 2696101
Conc: 1.14 ng/ml



#8 Heptachlor epoxide

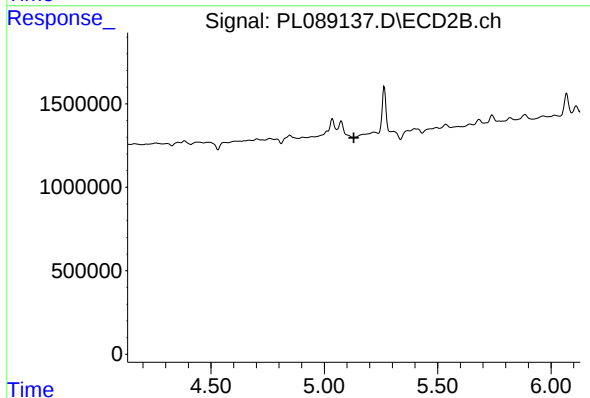
R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 291067
Conc: 0.18 ng/ml



#9 Endosulfan I

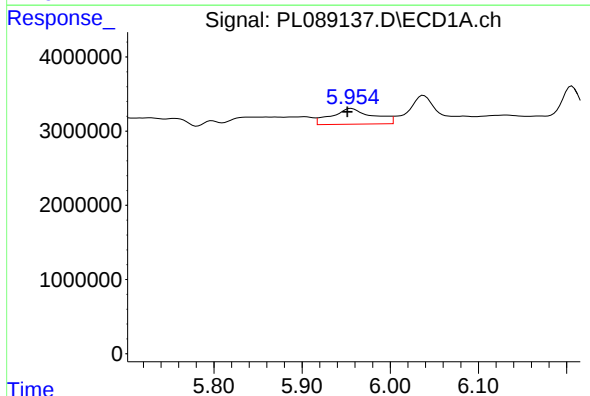
R.T.: 6.085 min
Delta R.T.: 0.003 min
Response: 1182196
Conc: 0.54 ng/ml

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



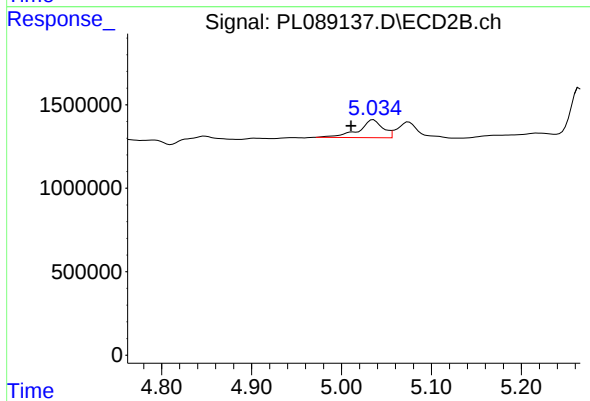
#9 Endosulfan I

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



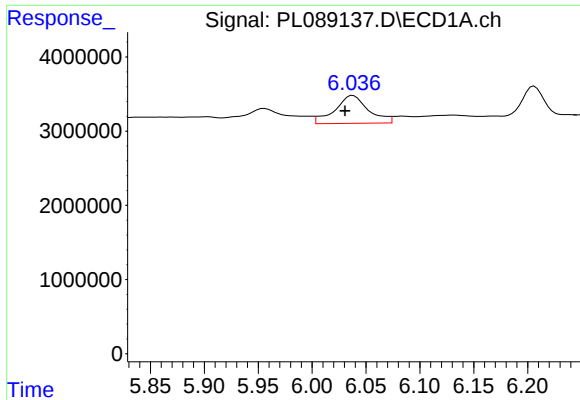
#10 gamma-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.005 min
Response: 6853796
Conc: 2.98 ng/ml



#10 gamma-Chlordane

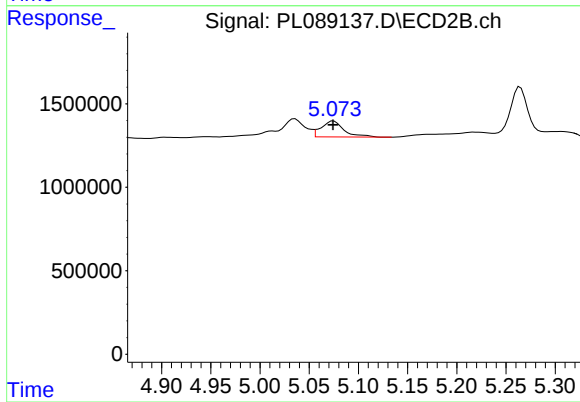
R.T.: 5.035 min
Delta R.T.: 0.025 min
Response: 1992923
Conc: 1.21 ng/ml



#11 alpha-Chlordane

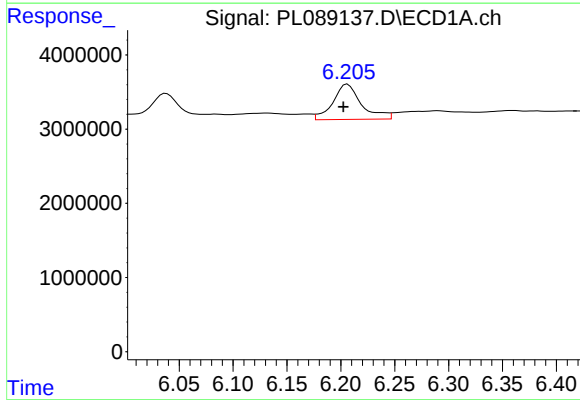
R.T.: 6.038 min
Delta R.T.: 0.007 min
Response: 8118558
Conc: 3.55 ng/ml

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



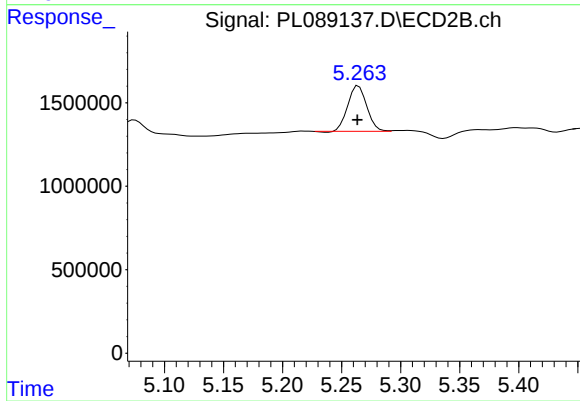
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 1533667
Conc: 0.93 ng/ml



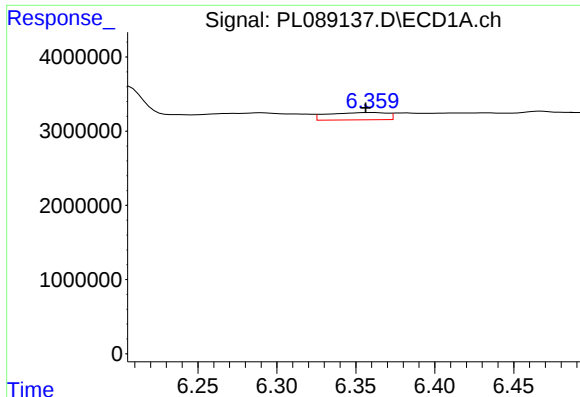
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.004 min
Response: 8725333
Conc: 4.34 ng/ml



#12 4,4'-DDE

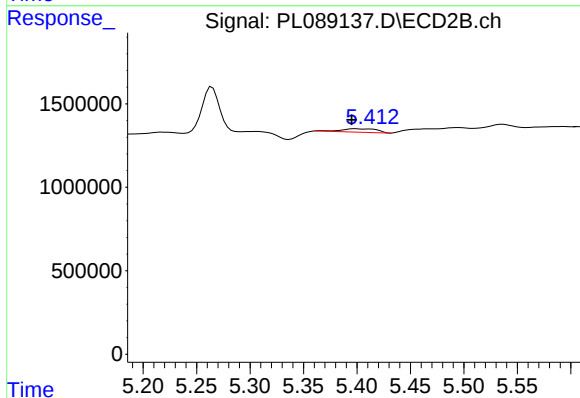
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 3045684
Conc: 2.07 ng/ml



#13 Dieldrin

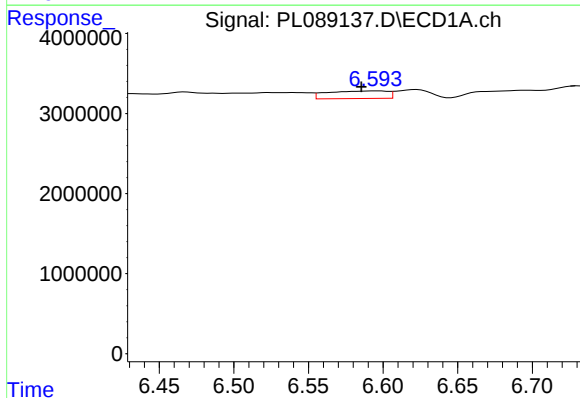
R.T.: 6.360 min
Delta R.T.: 0.004 min
Response: 2569597
Conc: 1.14 ng/ml

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



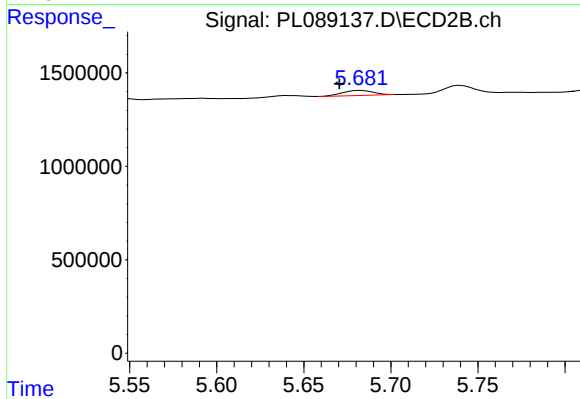
#13 Dieldrin

R.T.: 5.399 min
Delta R.T.: 0.004 min
Response: 465409
Conc: 0.28 ng/ml



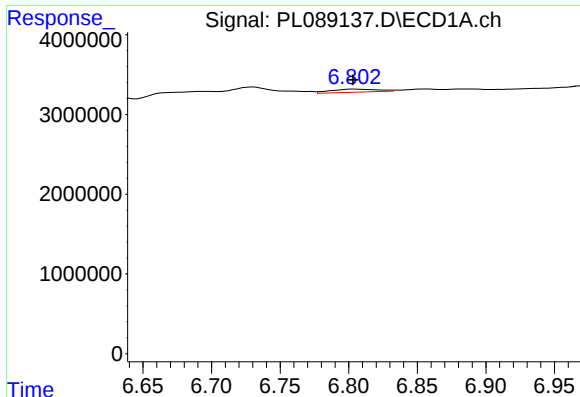
#14 Endrin

R.T.: 6.595 min
Delta R.T.: 0.010 min
Response: 2665462
Conc: 1.42 ng/ml



#14 Endrin

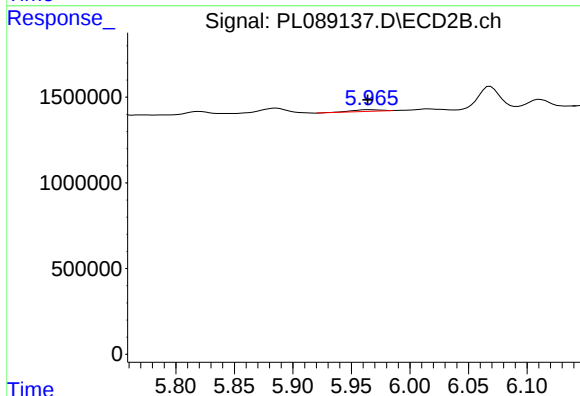
R.T.: 5.683 min
Delta R.T.: 0.013 min
Response: 323294
Conc: 0.22 ng/ml



#15 Endosulfan II

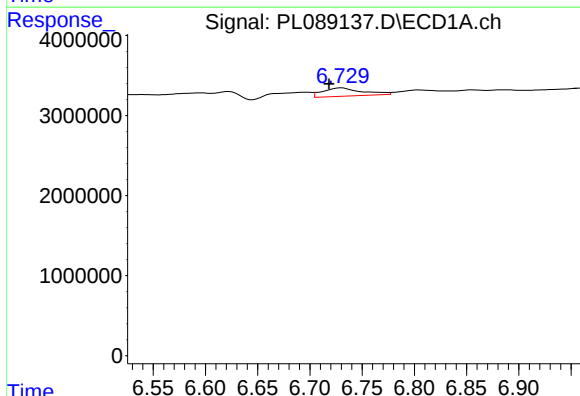
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 923024
Conc: 0.48 ng/ml

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



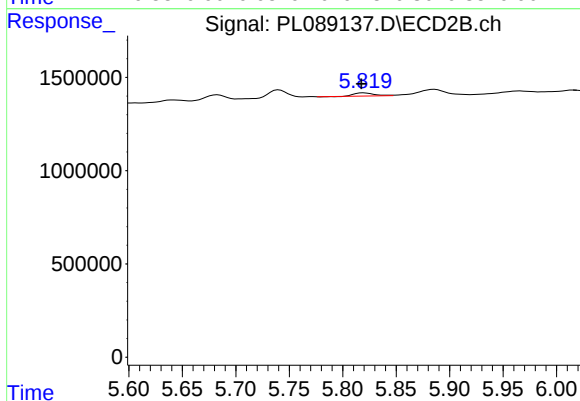
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 156251
Conc: 0.11 ng/ml



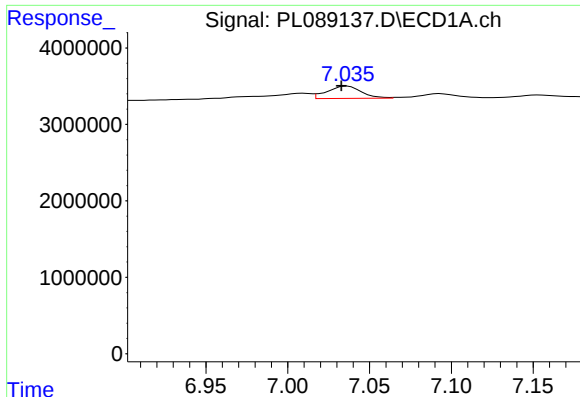
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.012 min
Response: 2697642
Conc: 1.67 ng/ml



#16 4,4'-DDD

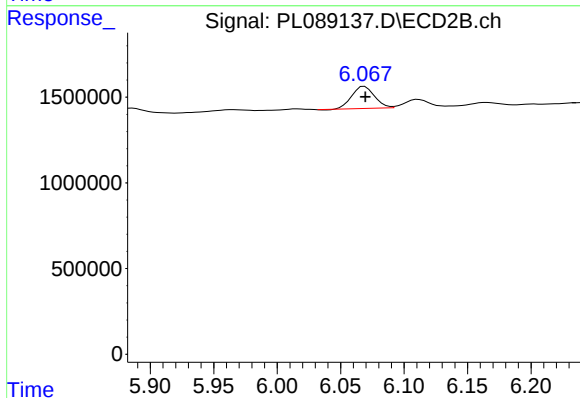
R.T.: 5.820 min
Delta R.T.: 0.002 min
Response: 221992
Conc: 0.18 ng/ml



#17 4,4'-DDT

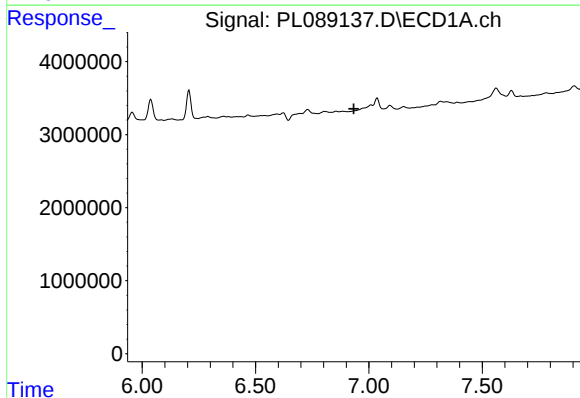
R.T.: 7.036 min
Delta R.T.: 0.004 min
Response: 2368405
Conc: 1.30 ng/ml

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



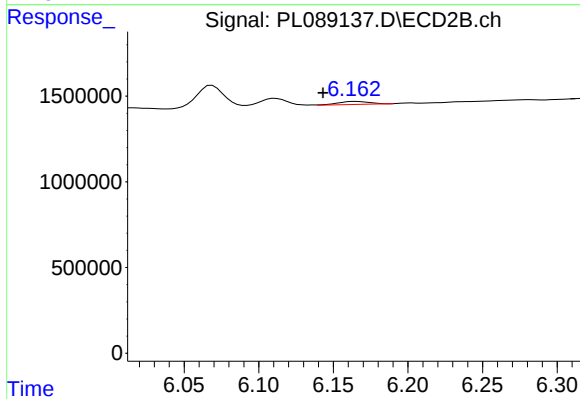
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1602056
Conc: 1.22 ng/ml



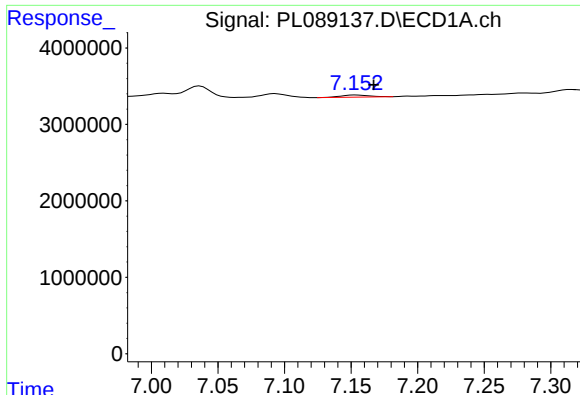
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.933 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

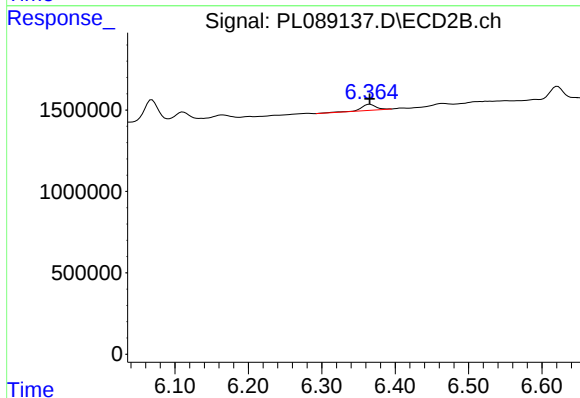
R.T.: 6.165 min
Delta R.T.: 0.022 min
Response: 288561
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

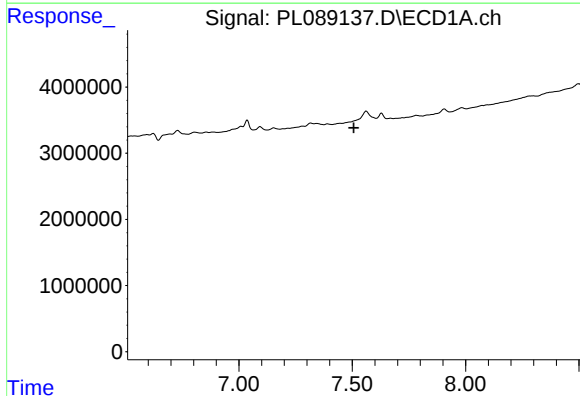
R.T.: 7.154 min
Delta R.T.: -0.013 min
Response: 392550
Conc: 0.23 ng/ml

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



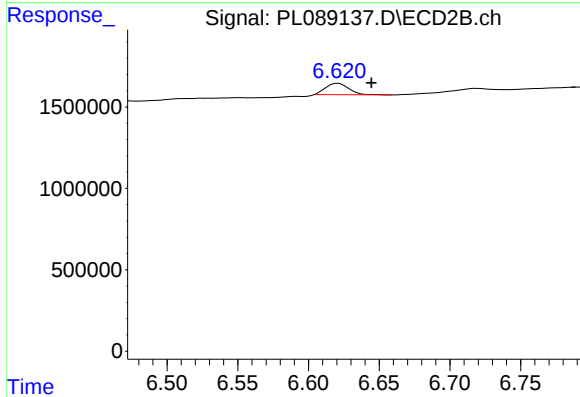
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 497868
Conc: 0.37 ng/ml



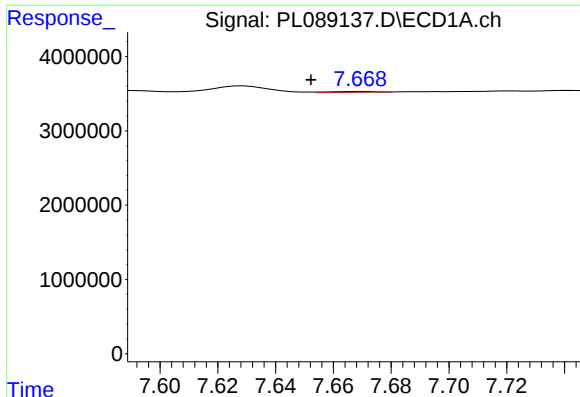
#20 Methoxychlor

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



#20 Methoxychlor

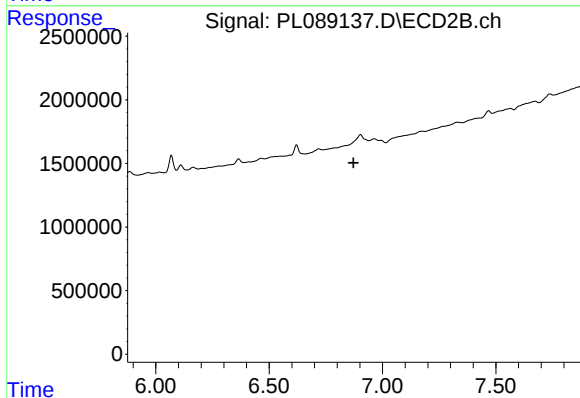
R.T.: 6.621 min
Delta R.T.: -0.023 min
Response: 807924
Conc: 1.08 ng/ml



#21 Endrin ketone

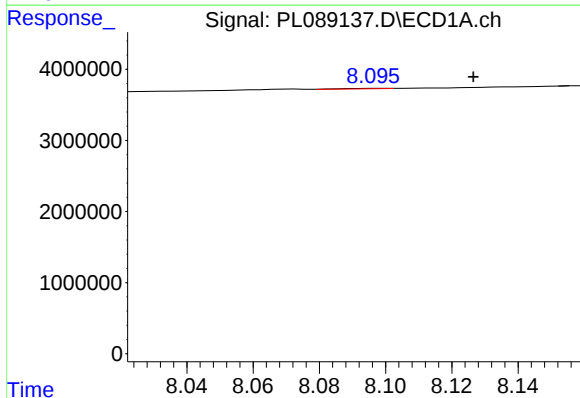
R.T.: 7.670 min
Delta R.T.: 0.017 min
Response: 125742
Conc: 0.07 ng/ml

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



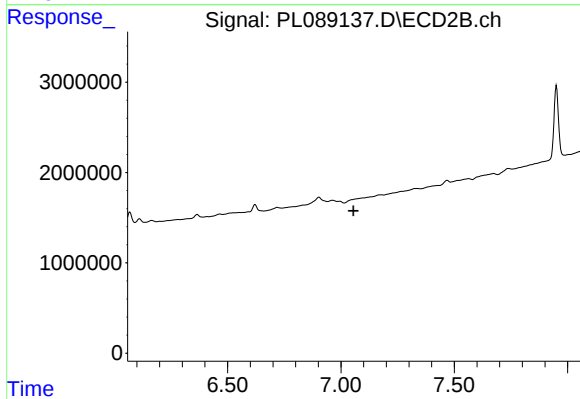
#21 Endrin ketone

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



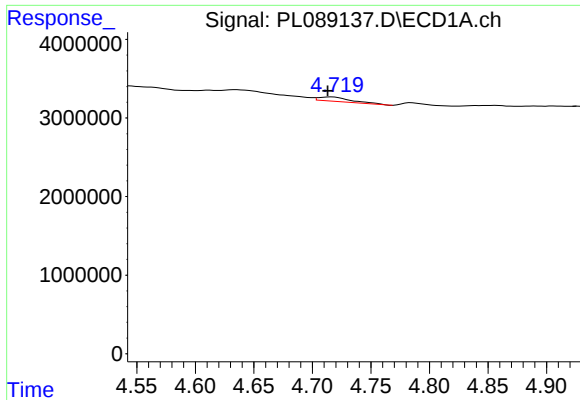
#22 Mirex

R.T.: 8.098 min
Delta R.T.: -0.029 min
Response: 55515
Conc: 0.04 ng/ml



#22 Mirex

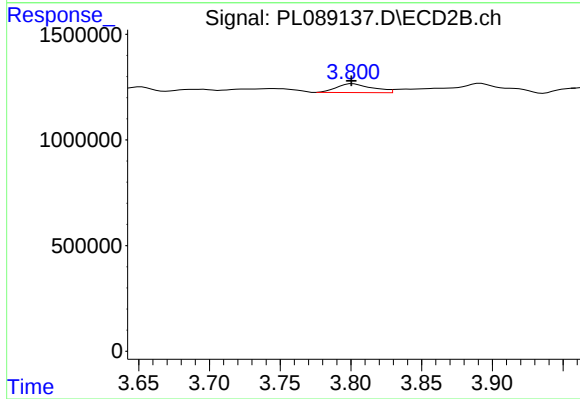
R.T.: 0.000 min
Exp R.T. : 7.056 min
Response: 0
Conc: N.D.



#23 Chlordane-1

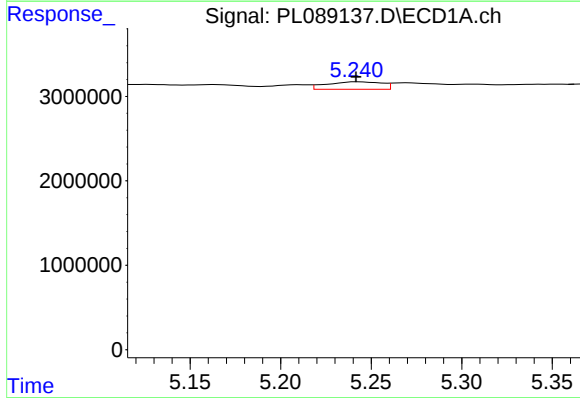
R.T.: 4.717 min
Delta R.T.: 0.004 min
Response: 1079320
Conc: 11.88 ng/ml

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



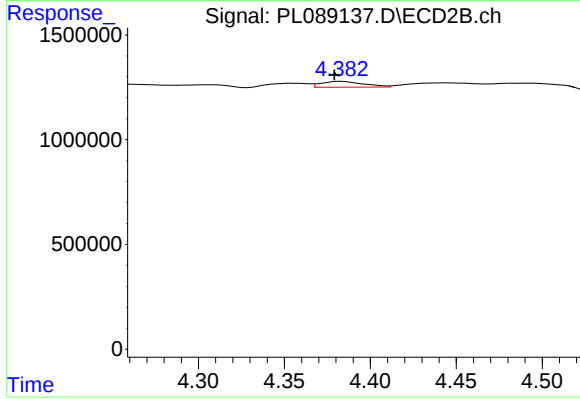
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 728721
Conc: 14.20 ng/ml



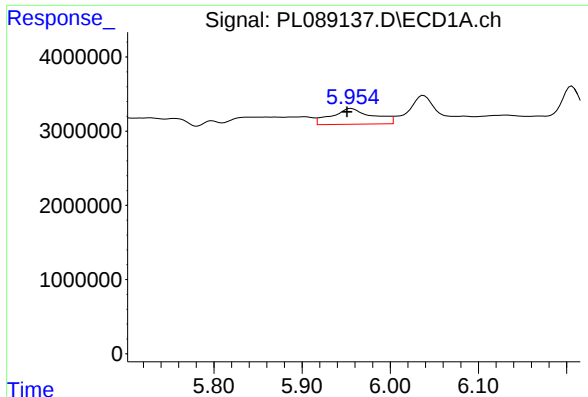
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 1878247
Conc: 19.88 ng/ml



#24 Chlordane-2

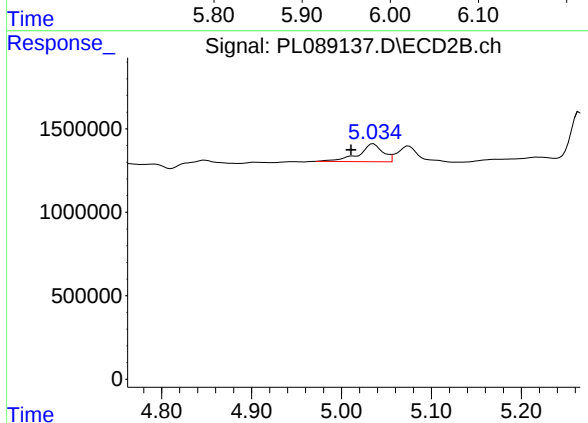
R.T.: 4.383 min
Delta R.T.: 0.004 min
Response: 485434
Conc: 7.47 ng/ml



#25 Chlordane-3

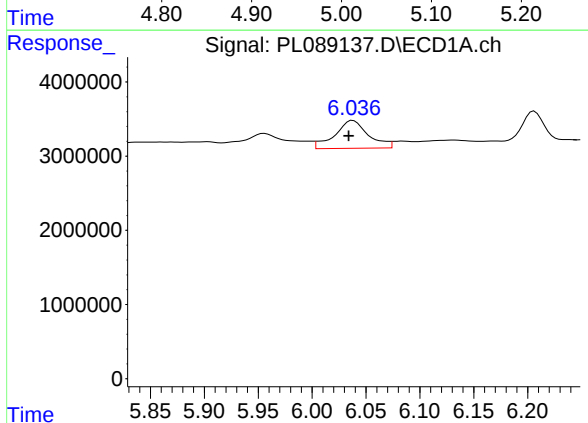
R.T.: 5.956 min
Delta R.T.: 0.005 min
Response: 6853796
Conc: 21.26 ng/ml

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



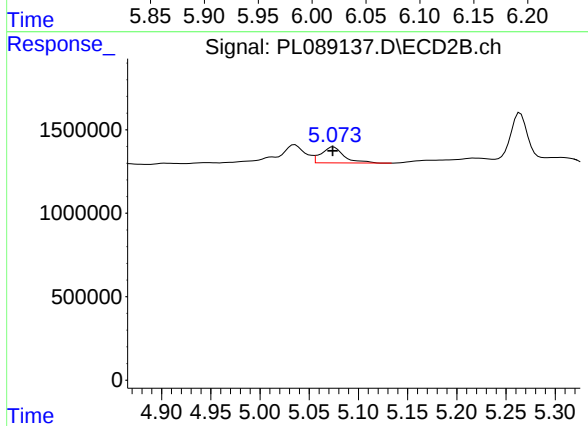
#25 Chlordane-3

R.T.: 5.035 min
Delta R.T.: 0.025 min
Response: 1992923
Conc: 11.54 ng/ml



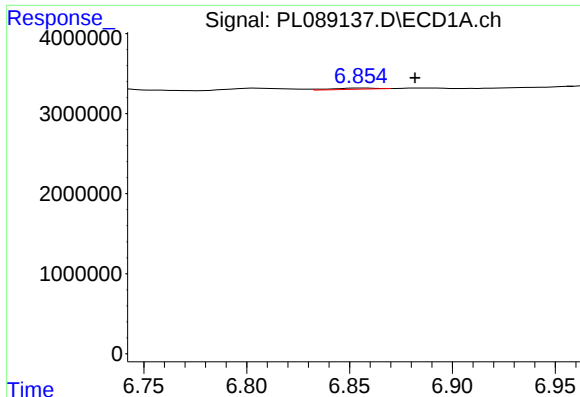
#26 Chlordane-4

R.T.: 6.038 min
Delta R.T.: 0.004 min
Response: 8118558
Conc: 20.54 ng/ml



#26 Chlordane-4

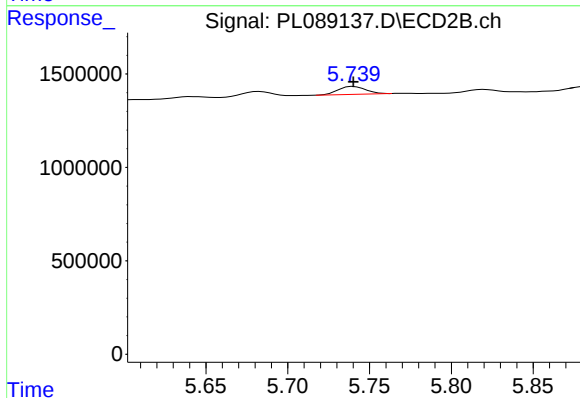
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 1533667
Conc: 9.46 ng/ml



#27 Chlordane-5

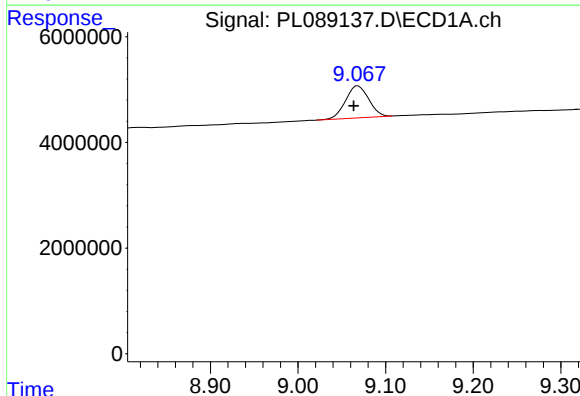
R.T.: 6.856 min
Delta R.T.: -0.026 min
Response: 223191
Conc: 2.95 ng/ml

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



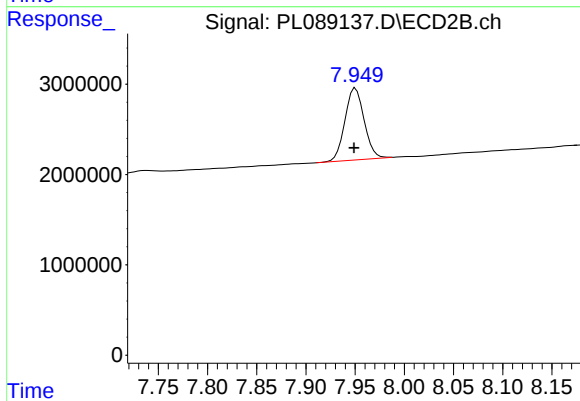
#27 Chlordane-5

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 495806
Conc: 9.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.005 min
Response: 11154491
Conc: 8.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 10792041
Conc: 8.06 ng/ml