

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047903.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 3:27
 Operator : UA/AJ
 Sample : J2923-04
 Misc : Precision bias study 04
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:07:46 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
 Quant Title : GC Extractables
 QLast Update : Thu May 24 12:13:46 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.424	4.039	19429735	329.1E6	16.921	18.302
28)	SA Decachlor...	8.146	9.116	23783587	344.2E6	16.837	20.199
Target Compounds							
2)	A alpha-BHC	3.861	4.424	2294778	54558750	1.242	1.907 #
3)	MA gamma-BHC...	4.143	4.708	2111684	28532285	1.256	1.156
4)	MA Heptachlor	4.434	5.227	2178933	39967208	1.298	1.589
5)	MB Aldrin	4.678	5.534	2117882	39480491	1.308	1.650 #
6)	B beta-BHC	4.391	4.868	999932	20262492	1.393	1.782 #
7)	B delta-BHC	4.592	5.084	1304315	43843890	0.758	1.688 #
8)	B Heptachlo...	5.120	5.915	1917915	35617839	1.261	1.603 #
9)	A Endosulfan I	5.455	6.272	1815694	30277690	1.286	1.496
10)	B gamma-Chl...	5.343	6.149	2062598	36169342	1.345	1.578
11)	B alpha-Chl...	5.402	6.224	1904390	37212899	1.271	1.692 #
12)	B 4,4'-DDE	5.568	6.375	2056358	31872317	1.328	1.485
13)	MA Dieldrin	5.697	6.527	2039131	33451632	1.258	1.515
14)	MA Endrin	5.954	6.744	1820284	26613827	1.210	1.435
15)	B Endosulfa...	6.227	6.945	2340965	31558339	1.646	1.647
16)	A 4,4'-DDD	6.082	6.858	1378136	28673331	1.056	1.621 #
17)	MA 4,4'-DDT	6.320	7.159	1552091	24474226	1.128	1.446 #
18)	B Endrin al...	6.396	7.068	1591495	27806606	1.344	1.711 #
19)	B Endosulfa...	6.607	7.292	1639135	29946274	1.199	1.584 #
20)	A Methoxychlor	6.807f	7.613	1933720	16955086	2.470	1.848 #
21)	B Endrin ke...	7.097	7.761	2152187	30263669	1.292	1.608
22)	Mirex	0.000	7.292	0	29946274	N.D.	1.549 #
23)	Chlordane-1	4.352	5.084	1232512	43843890	21.338	43.068 #
24)	Chlordane-2	0.000	5.534	0	39480491	N.D.	41.812 #
25)	Chlordane-3	5.343	6.149	2062598	36169342	11.481	11.302
26)	Chlordane-4	5.402	6.224	1904390	37212899	11.970	10.110
27)	Chlordane-5	6.227	7.068	2340965	27806606	39.454	33.322

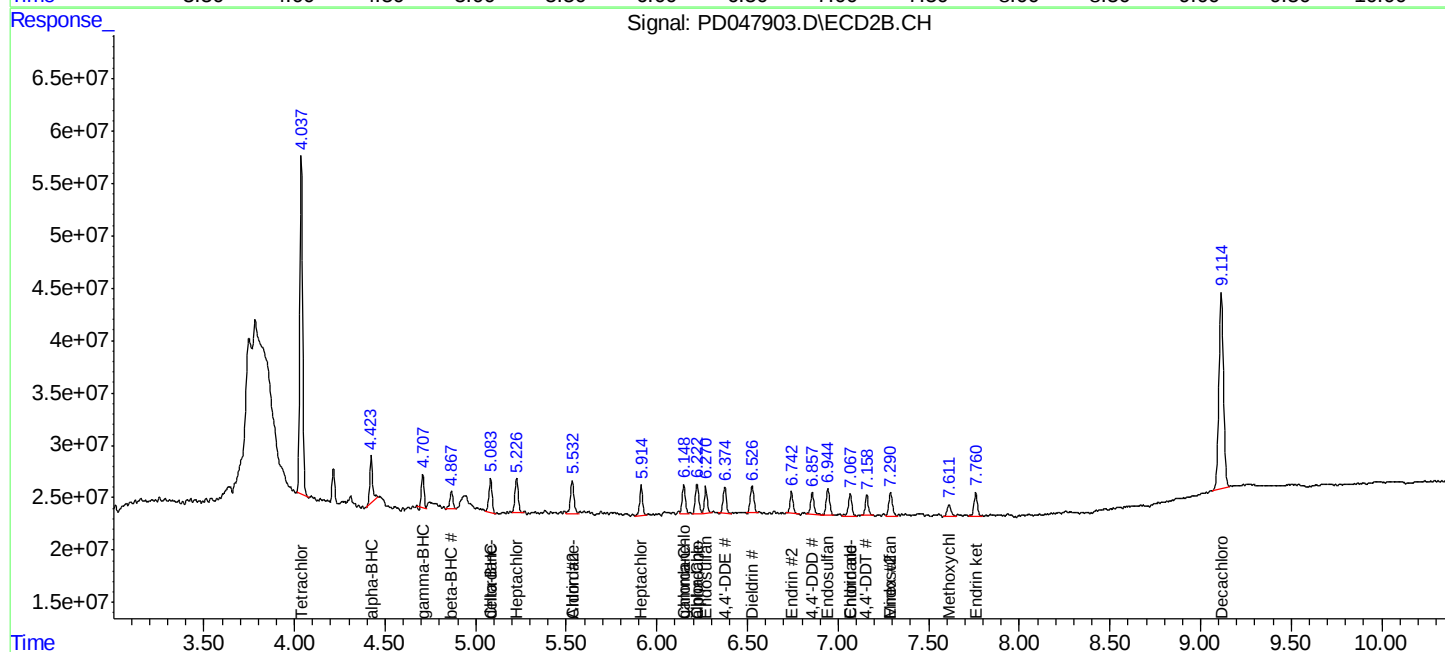
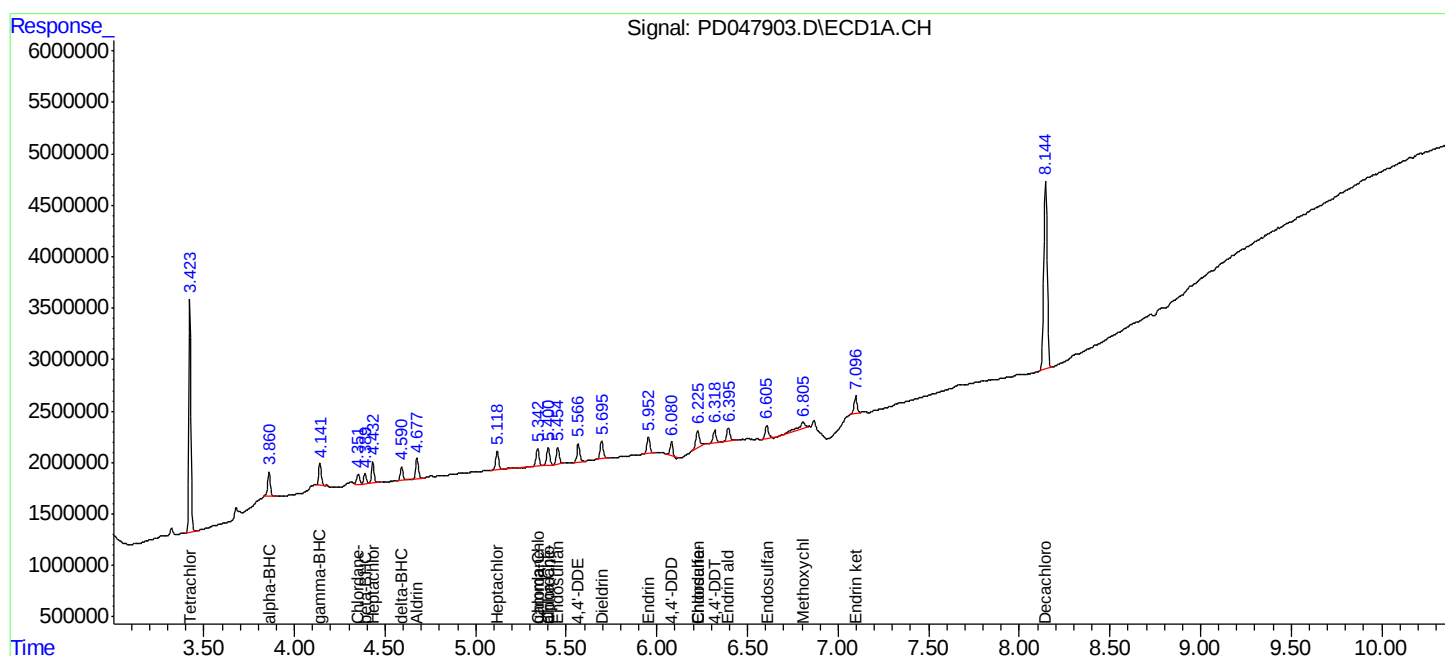
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

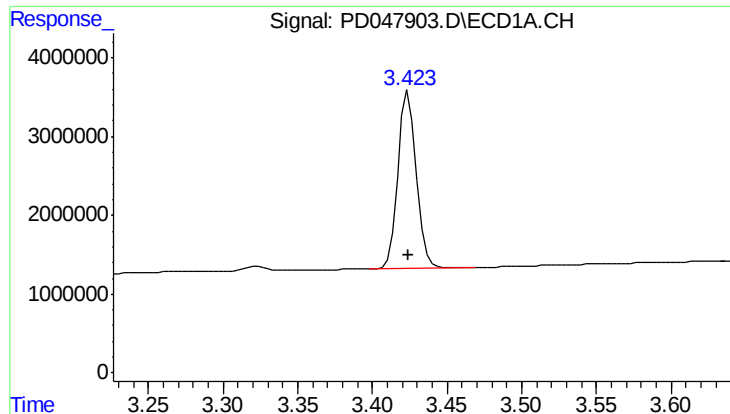
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047903.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 3:27
Operator : UA/AJ
Sample : J2923-04
Misc : Precision bias study 04
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:07:46 2018
Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
Quant Title : GC Extractables
QLast Update : Thu May 24 12:13:46 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

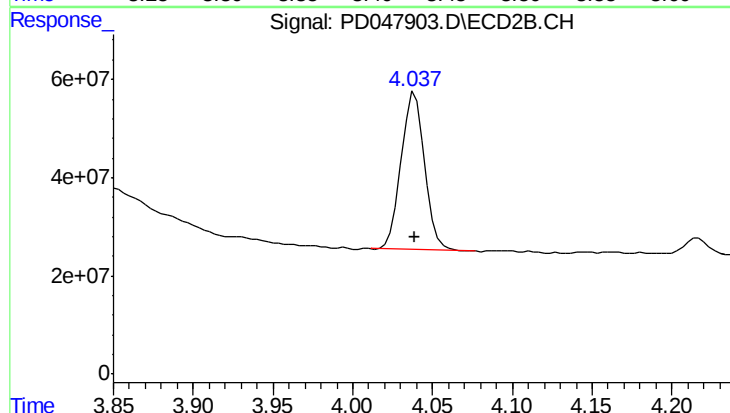




#1 Tetrachloro-m-xylene

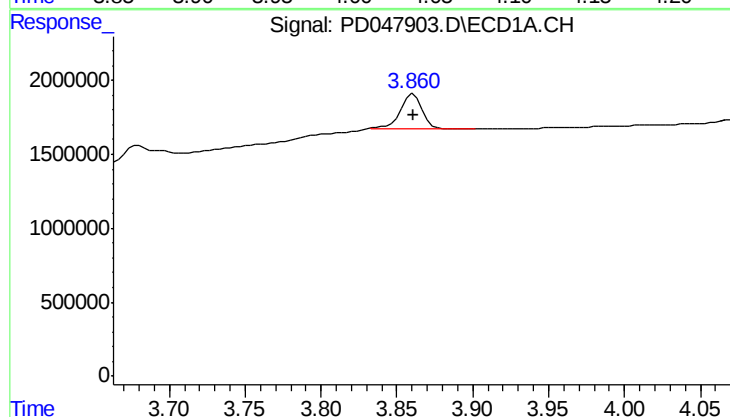
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 19429735
Conc: 16.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



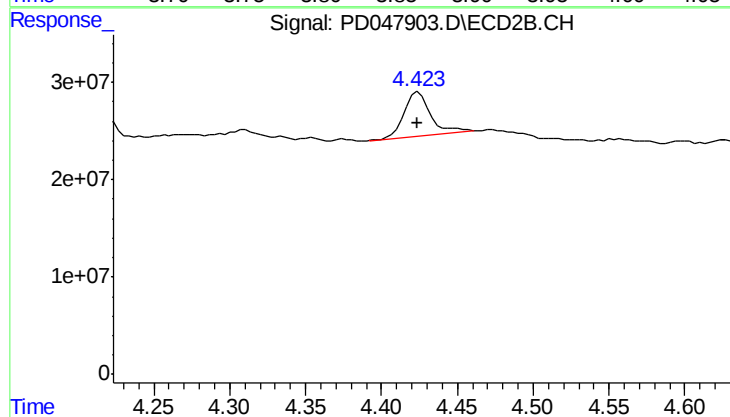
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 329089658
Conc: 18.30 ng/ml



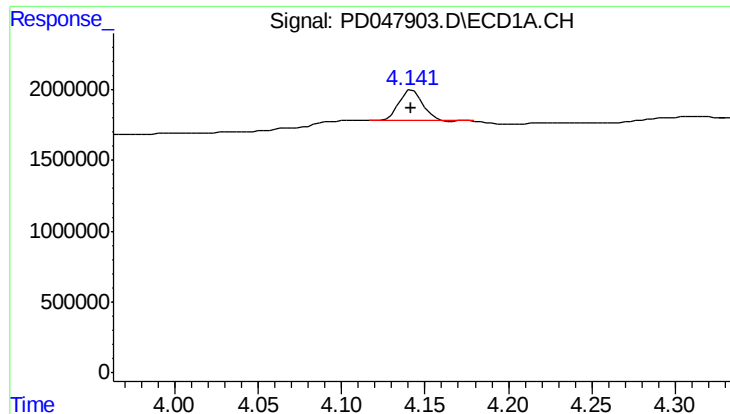
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 2294778
Conc: 1.24 ng/ml



#2 alpha-BHC

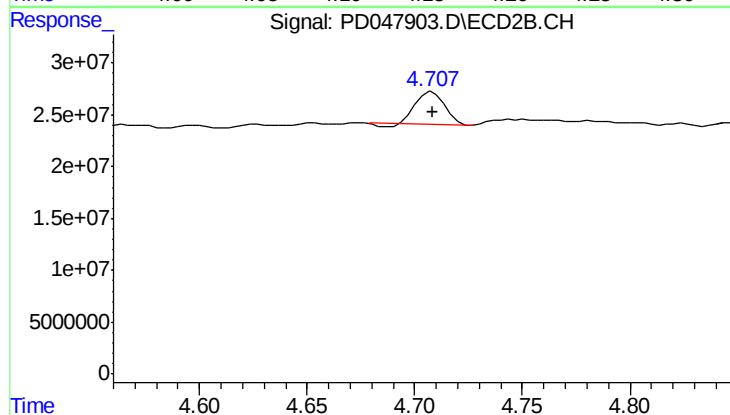
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 54558750
Conc: 1.91 ng/ml



#3 gamma-BHC (Lindane)

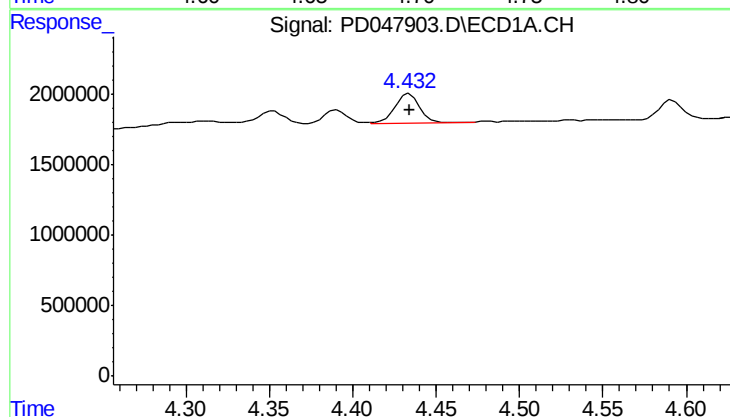
R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 2111684
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



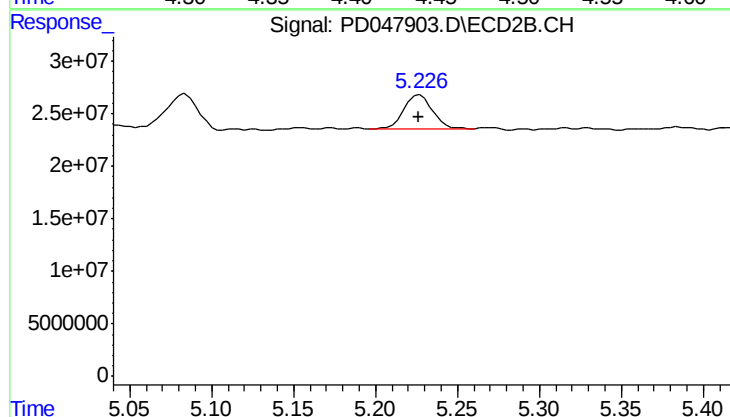
#3 gamma-BHC (Lindane)

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 28532285
Conc: 1.16 ng/ml



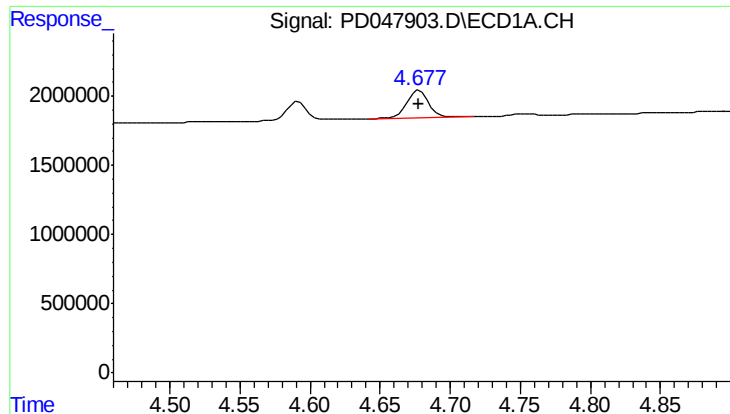
#4 Heptachlor

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 2178933
Conc: 1.30 ng/ml



#4 Heptachlor

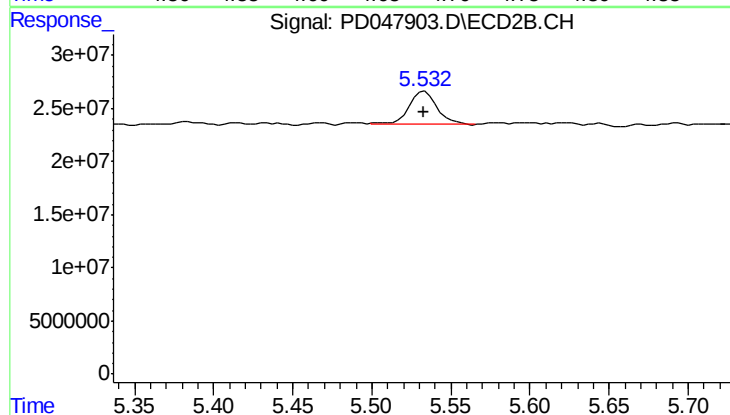
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 39967208
Conc: 1.59 ng/ml



#5 Aldrin

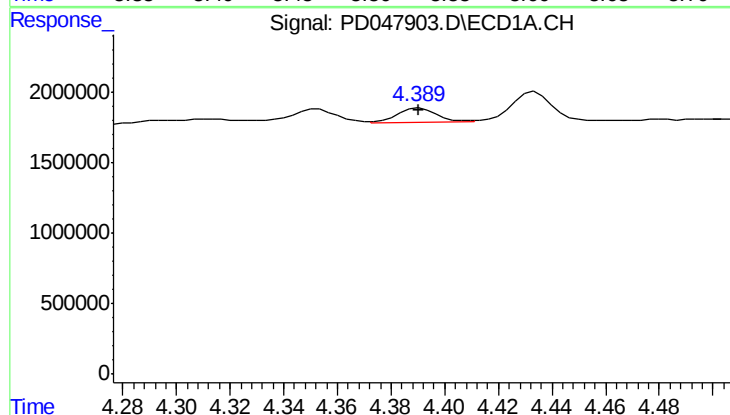
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 2117882
Conc: 1.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



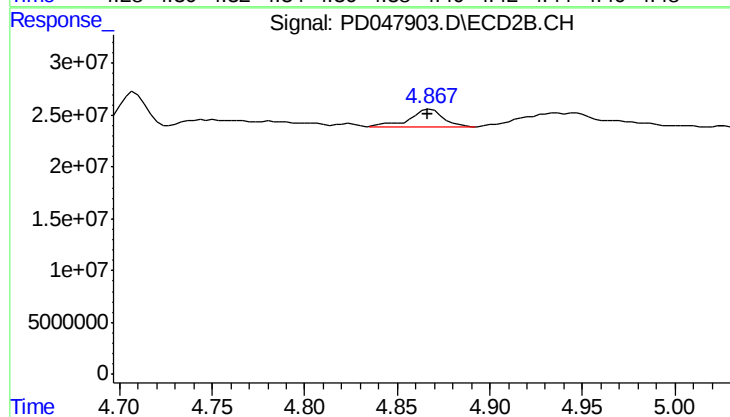
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 39480491
Conc: 1.65 ng/ml



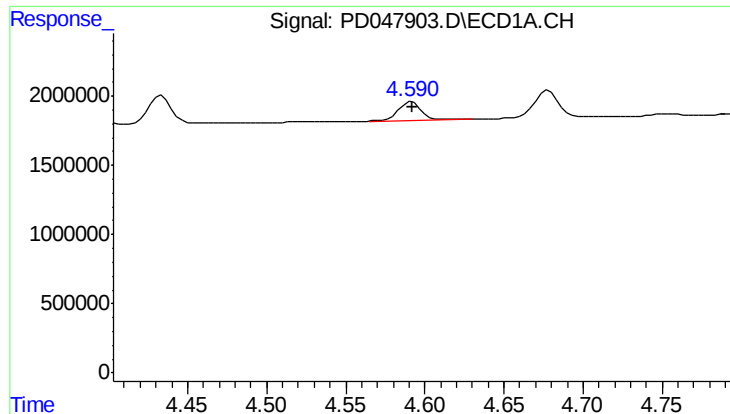
#6 beta-BHC

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 999932
Conc: 1.39 ng/ml



#6 beta-BHC

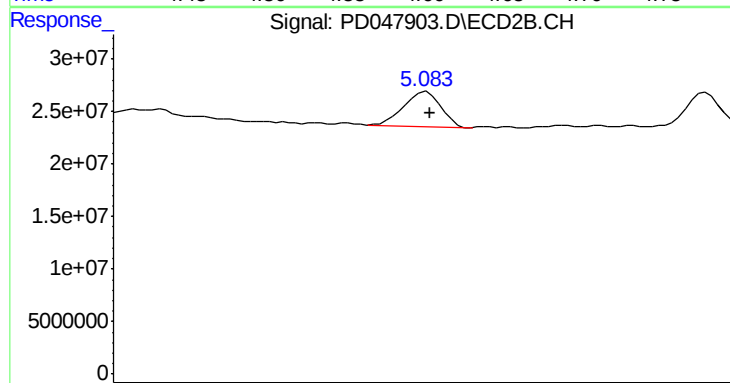
R.T.: 4.868 min
Delta R.T.: 0.002 min
Response: 20262492
Conc: 1.78 ng/ml



#7 delta-BHC

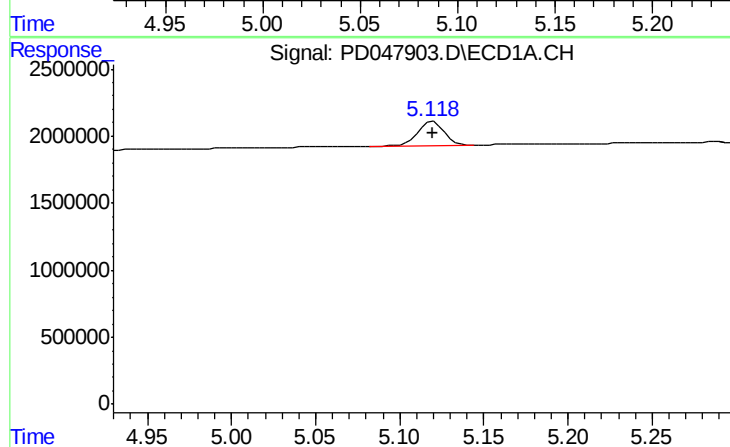
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 1304315
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



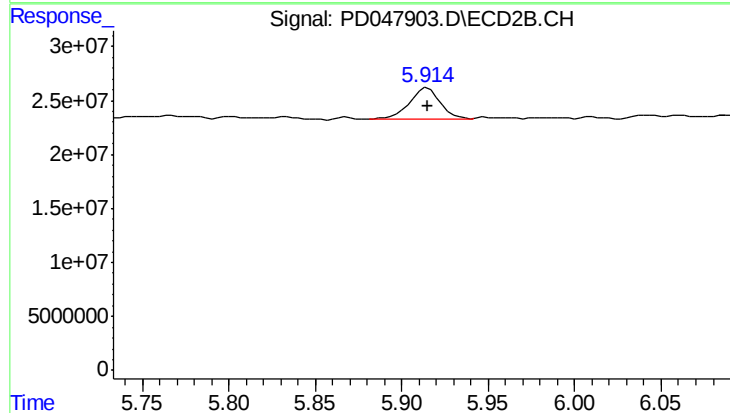
#7 delta-BHC

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 43843890
Conc: 1.69 ng/ml



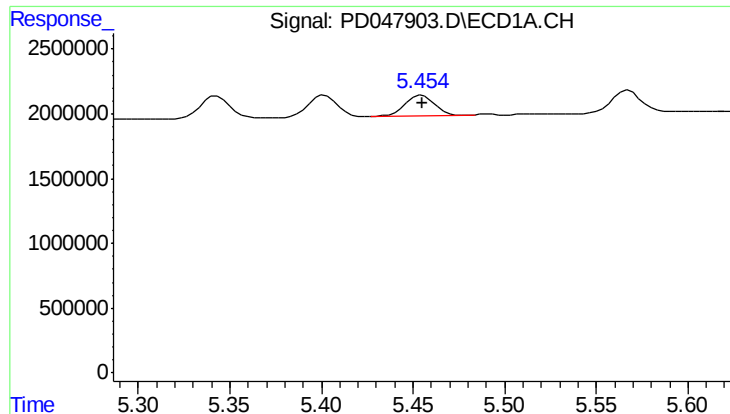
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1917915
Conc: 1.26 ng/ml



#8 Heptachlor epoxide

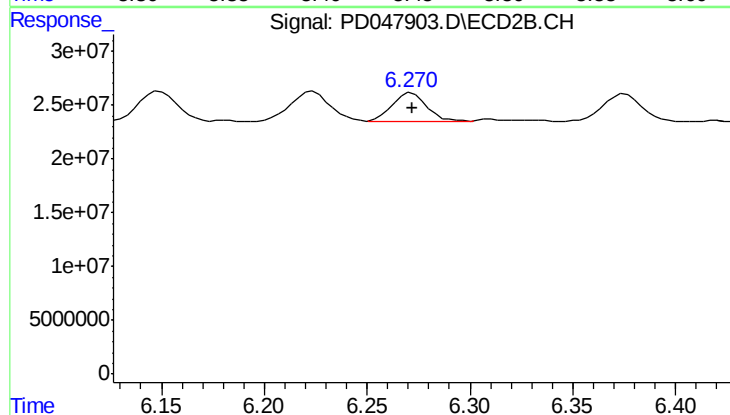
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 35617839
Conc: 1.60 ng/ml



#9 Endosulfan I

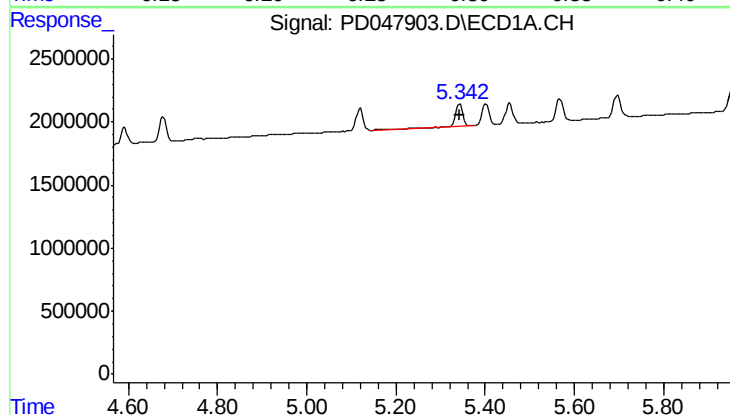
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 1815694
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



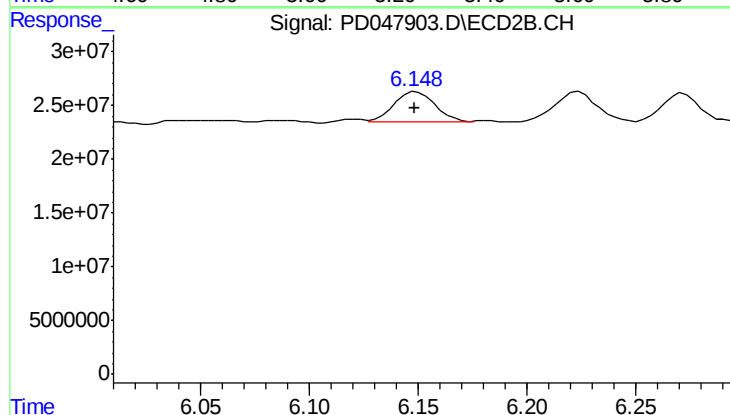
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 30277690
Conc: 1.50 ng/ml



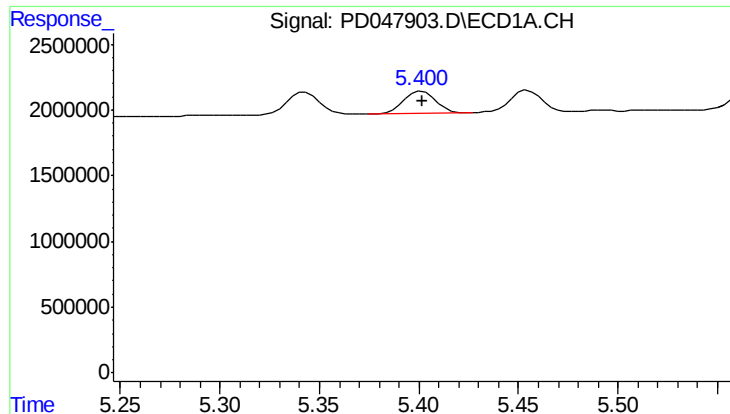
#10 gamma-Chlordane

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2062598
Conc: 1.35 ng/ml



#10 gamma-Chlordane

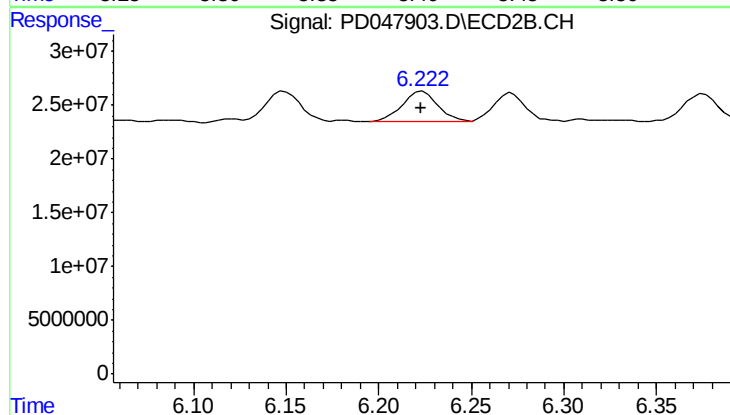
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 36169342
Conc: 1.58 ng/ml



#11 alpha-Chlordane

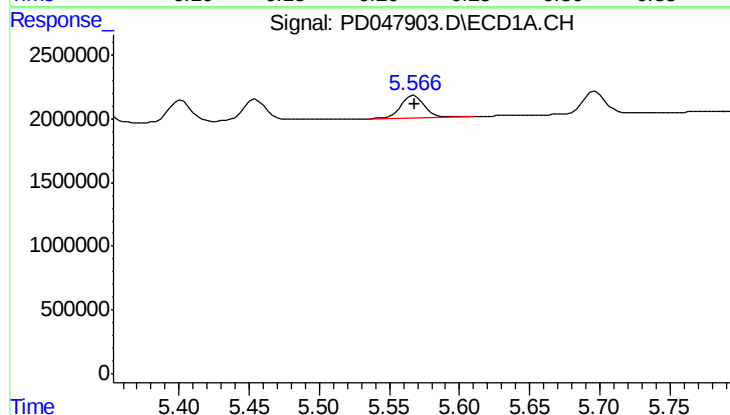
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 1904390
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



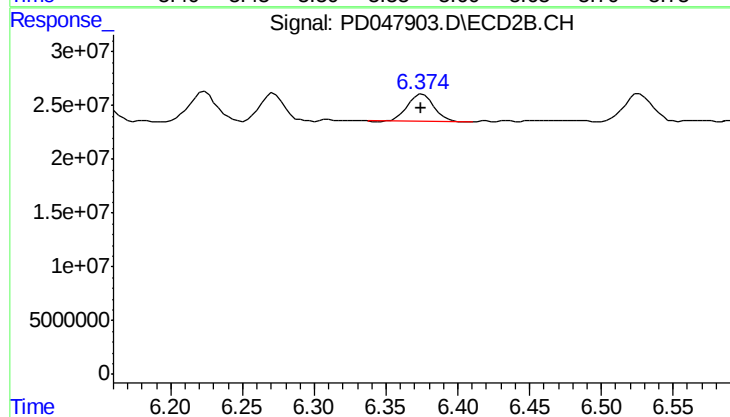
#11 alpha-Chlordane

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 37212899
Conc: 1.69 ng/ml



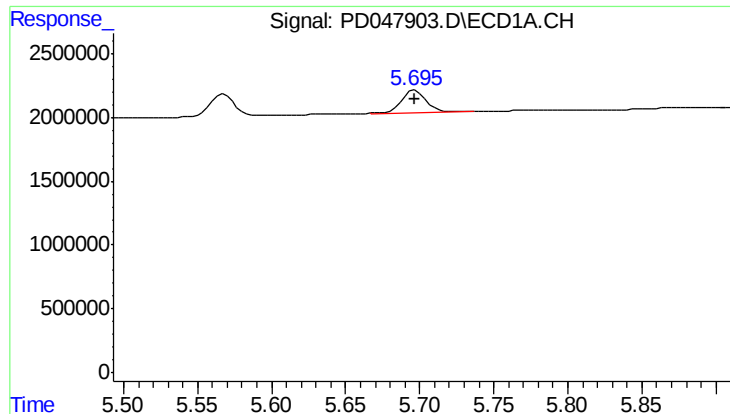
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 2056358
Conc: 1.33 ng/ml



#12 4,4'-DDE

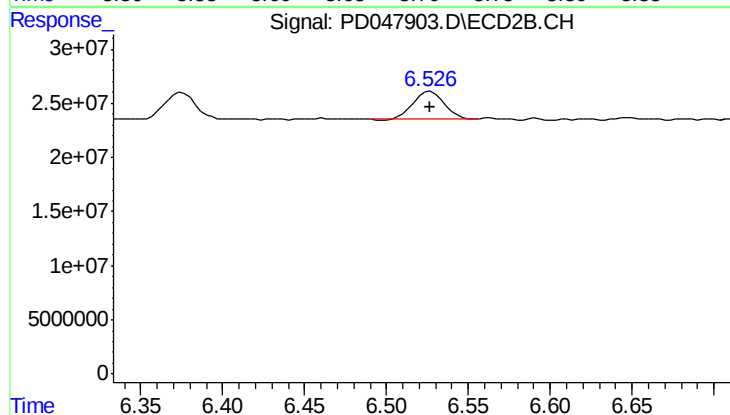
R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 31872317
Conc: 1.48 ng/ml



#13 Dieldrin

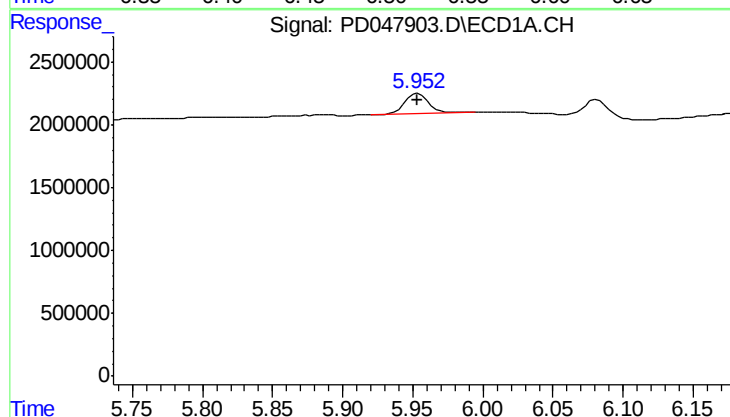
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 2039131
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



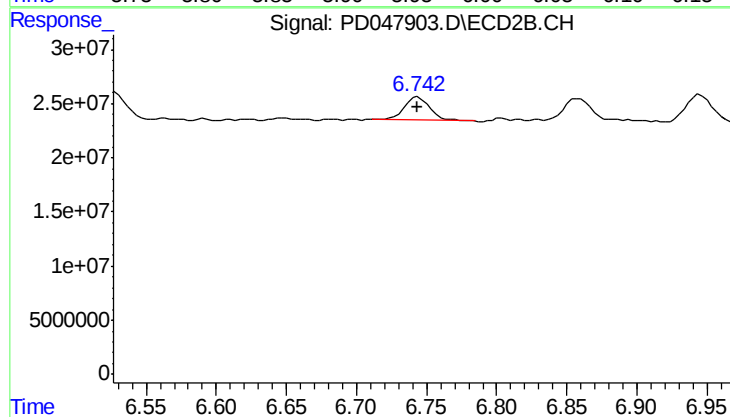
#13 Dieldrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 33451632
Conc: 1.51 ng/ml



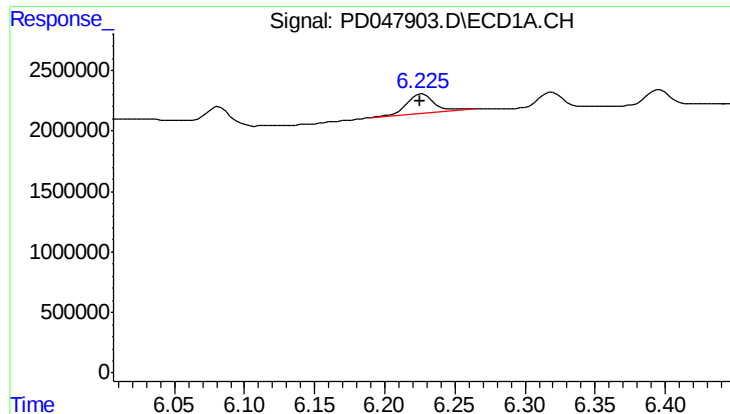
#14 Endrin

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 1820284
Conc: 1.21 ng/ml



#14 Endrin

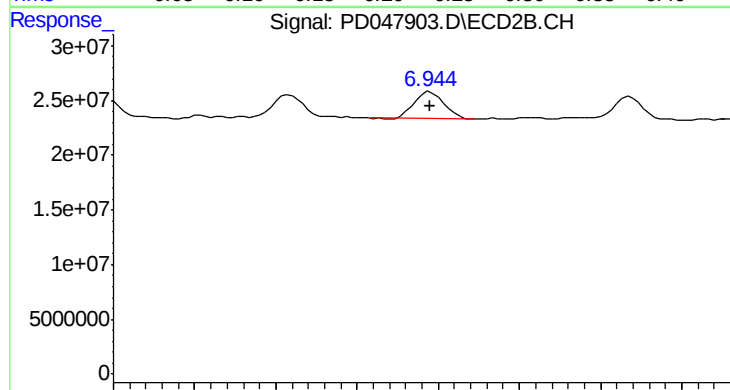
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 26613827
Conc: 1.44 ng/ml



#15 Endosulfan II

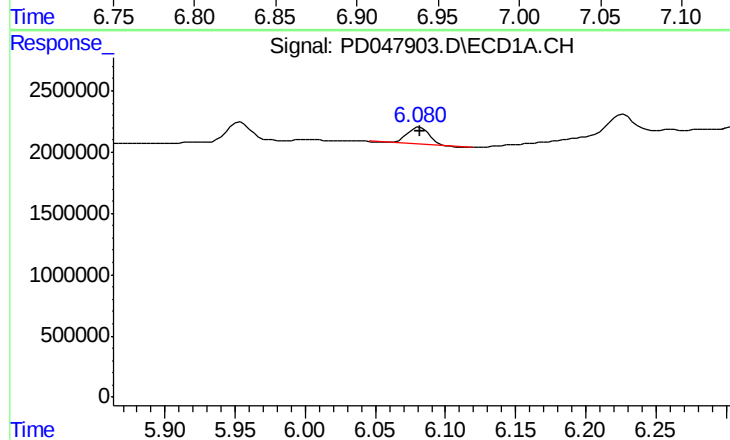
R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 2340965
Conc: 1.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



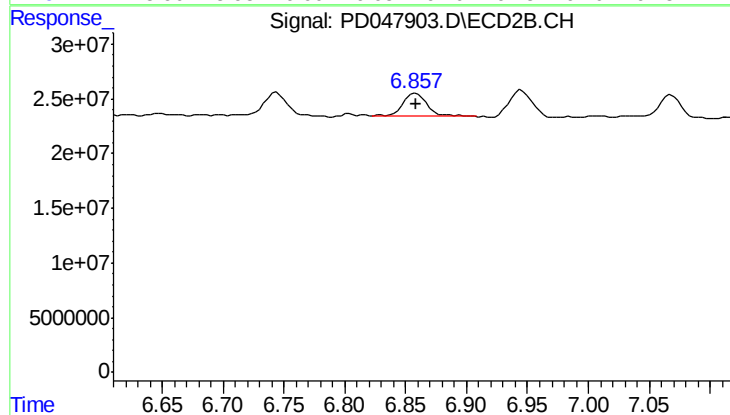
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 31558339
Conc: 1.65 ng/ml



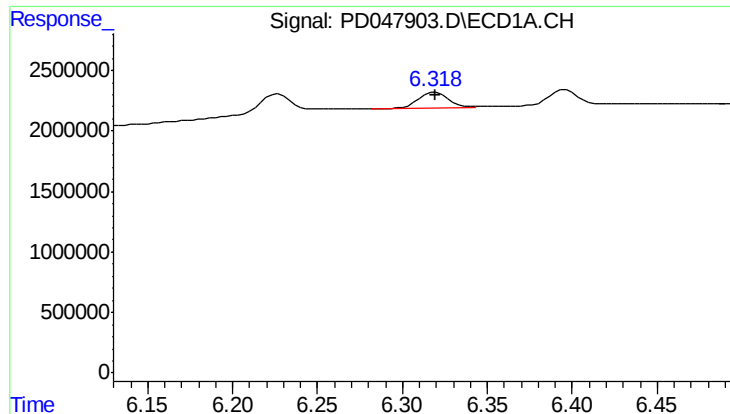
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1378136
Conc: 1.06 ng/ml



#16 4,4'-DDD

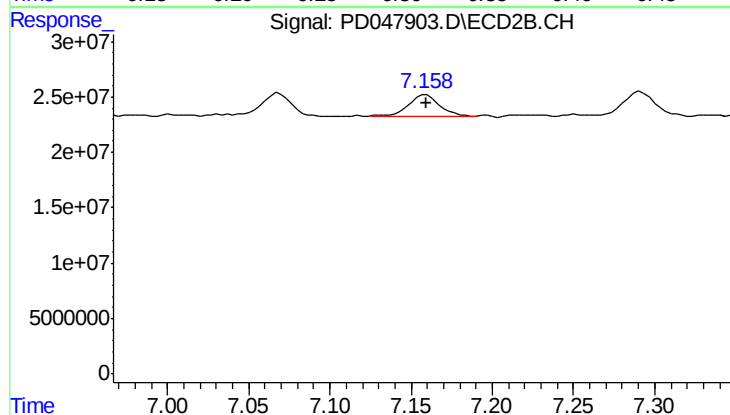
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 28673331
Conc: 1.62 ng/ml



#17 4,4'-DDT

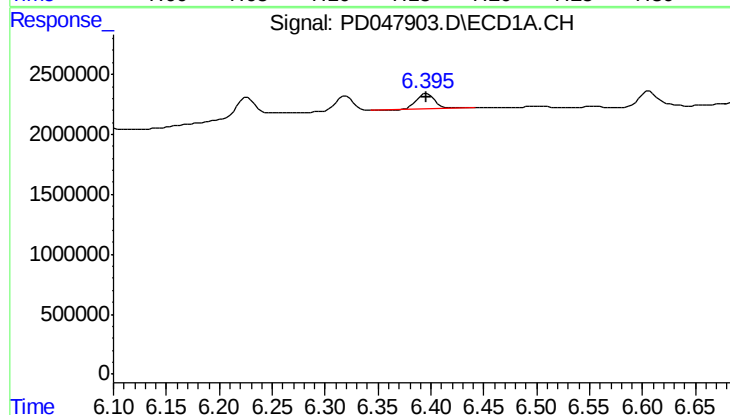
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1552091
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



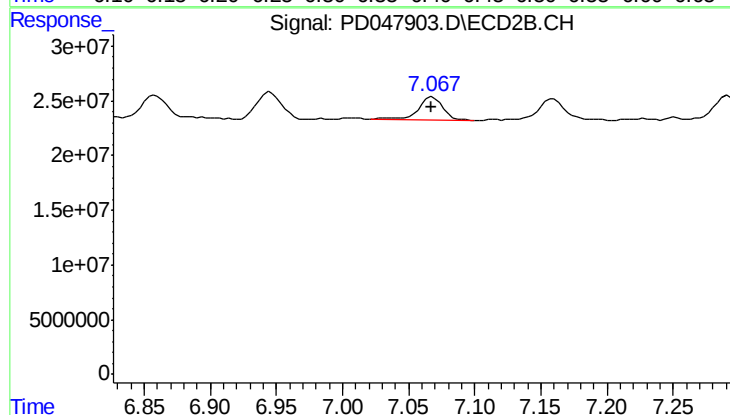
#17 4,4'-DDT

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 24474226
Conc: 1.45 ng/ml



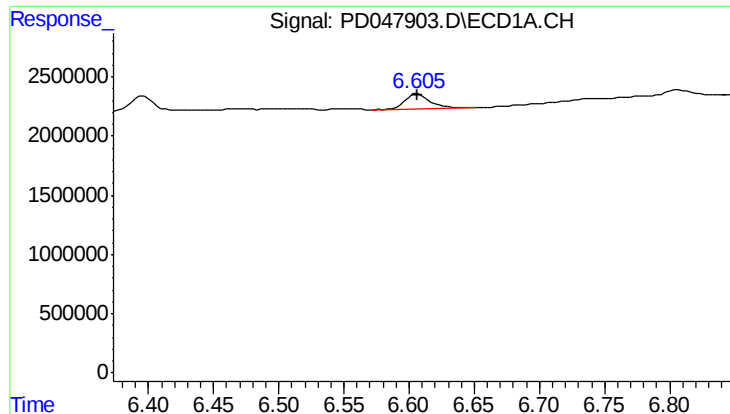
#18 Endrin aldehyde

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1591495
Conc: 1.34 ng/ml



#18 Endrin aldehyde

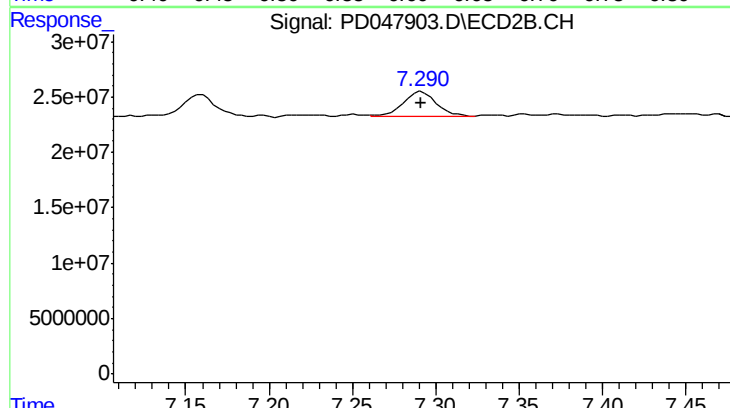
R.T.: 7.068 min
Delta R.T.: 0.001 min
Response: 27806606
Conc: 1.71 ng/ml



#19 Endosulfan Sulfate

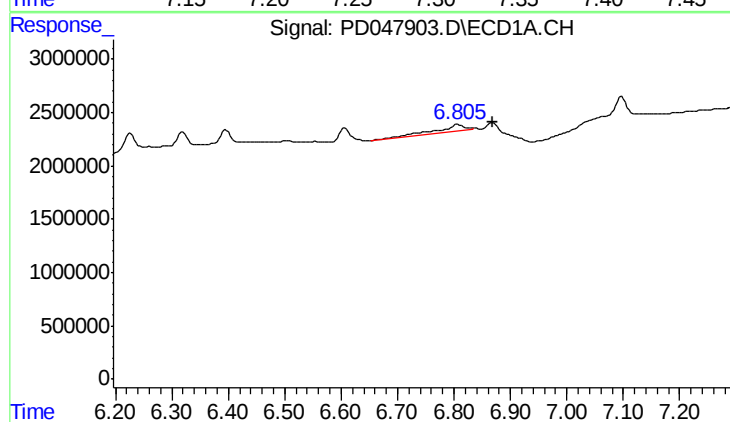
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1639135
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



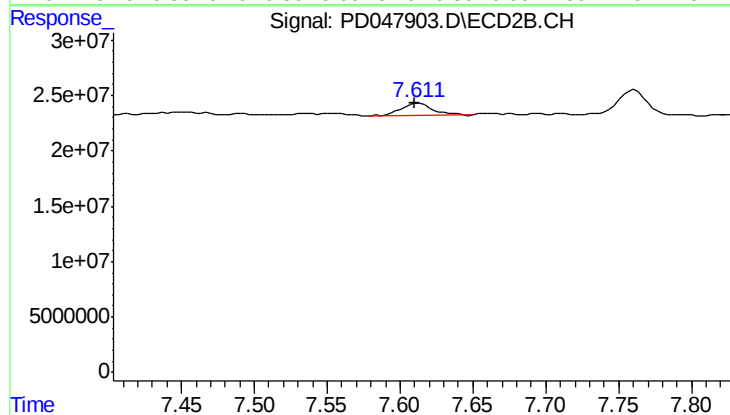
#19 Endosulfan Sulfate

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 29946274
Conc: 1.58 ng/ml



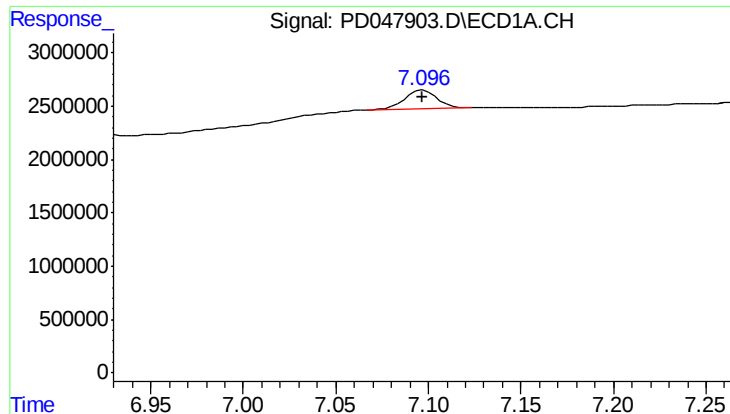
#20 Methoxychlor

R.T.: 6.807 min
Delta R.T.: -0.062 min
Response: 1933720
Conc: 2.47 ng/ml



#20 Methoxychlor

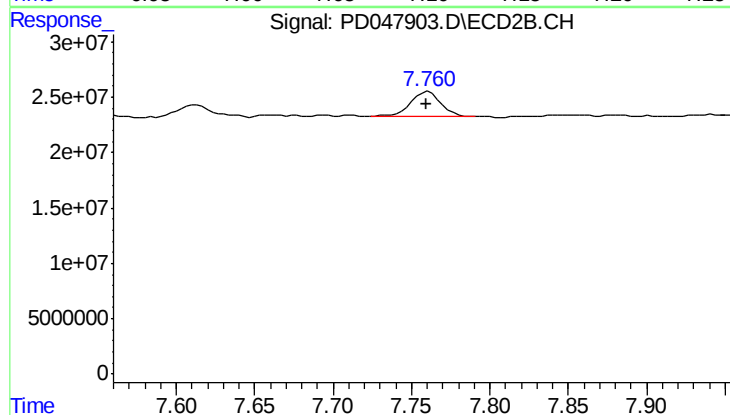
R.T.: 7.613 min
Delta R.T.: 0.003 min
Response: 16955086
Conc: 1.85 ng/ml



#21 Endrin ketone

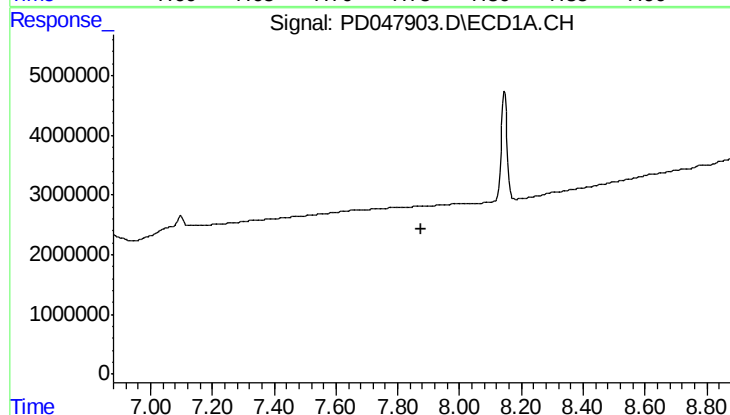
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 2152187
Conc: 1.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



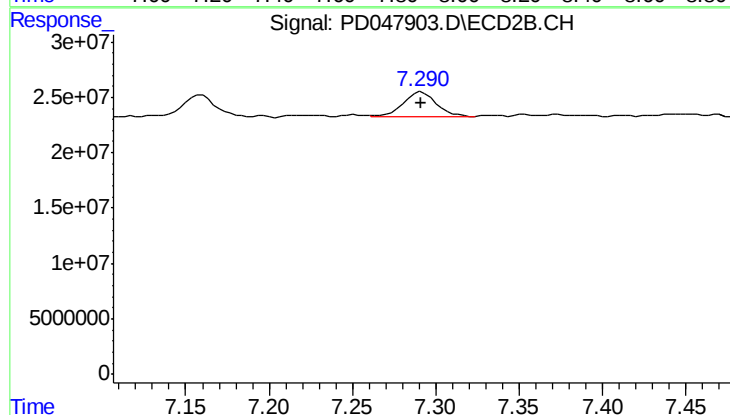
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.002 min
Response: 30263669
Conc: 1.61 ng/ml



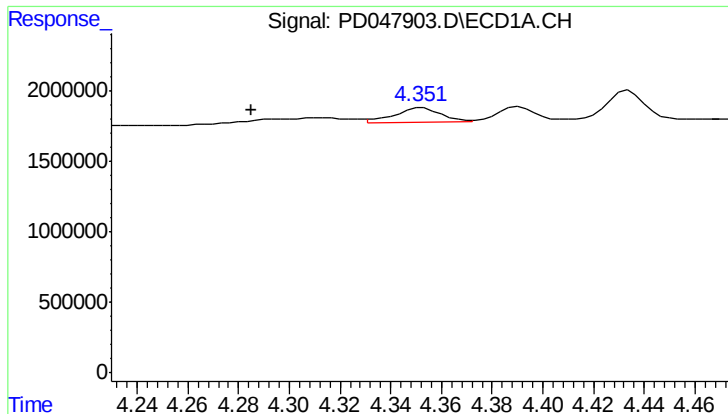
#22 Mirex

R.T.: 0.000 min
Exp R.T.: 7.878 min
Response: 0
Conc: N.D.



#22 Mirex

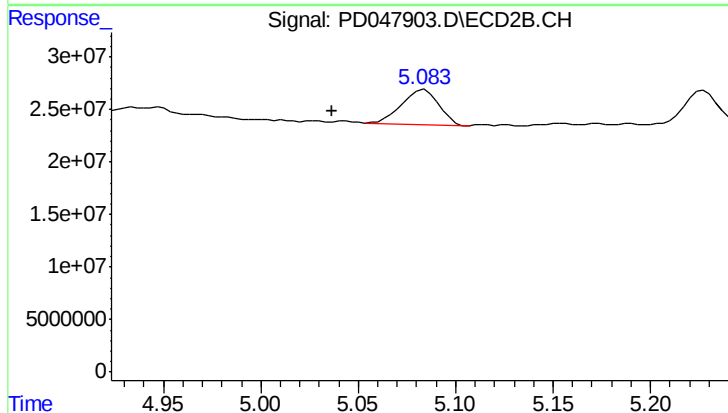
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 29946274
Conc: 1.55 ng/ml



#23 Chlordane-1

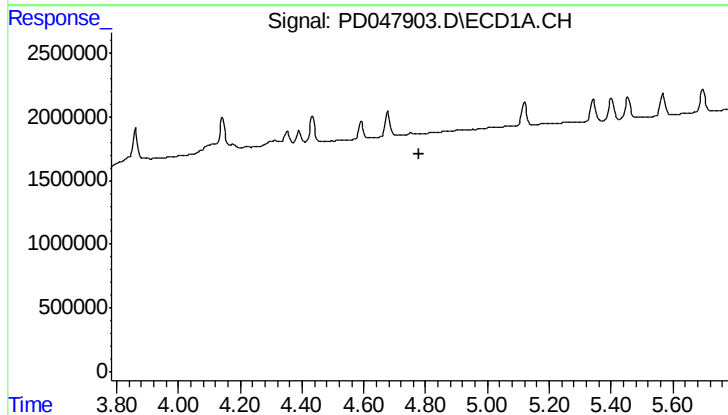
R.T.: 4.352 min
Delta R.T.: 0.067 min
Response: 1232512
Conc: 21.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



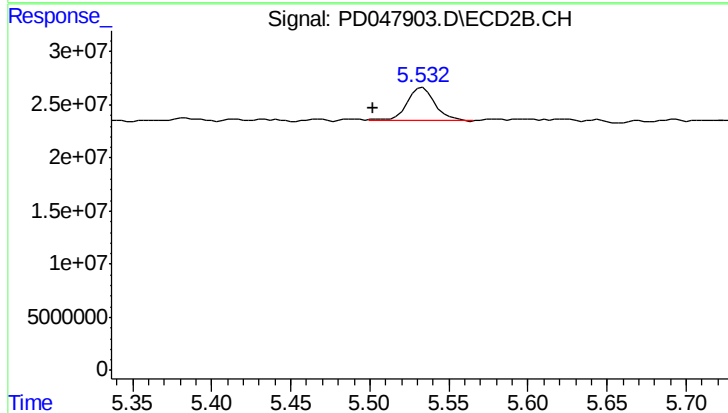
#23 Chlordane-1

R.T.: 5.084 min
Delta R.T.: 0.047 min
Response: 43843890
Conc: 43.07 ng/ml



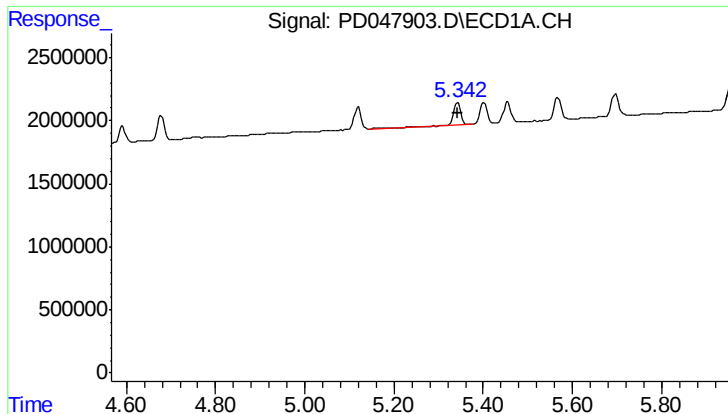
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.780 min
Response: 0
Conc: N.D.



#24 Chlordane-2

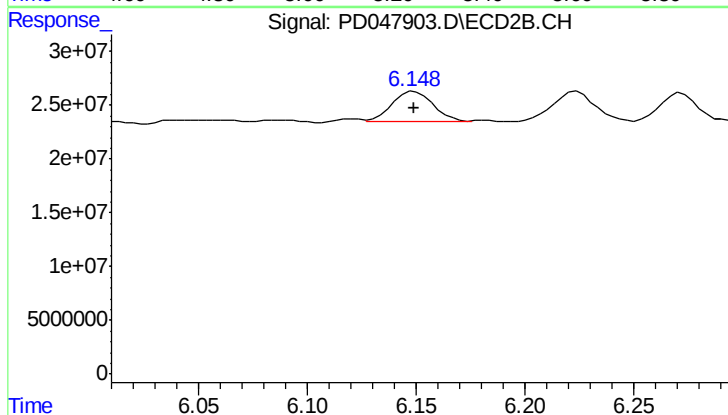
R.T.: 5.534 min
Delta R.T.: 0.031 min
Response: 39480491
Conc: 41.81 ng/ml



#25 Chlordane-3

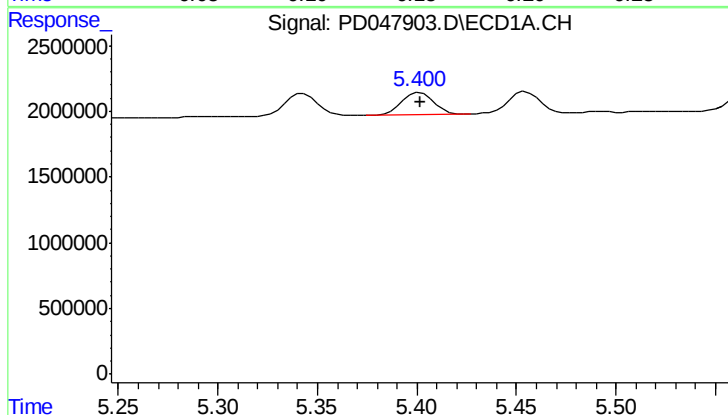
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2062598
Conc: 11.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



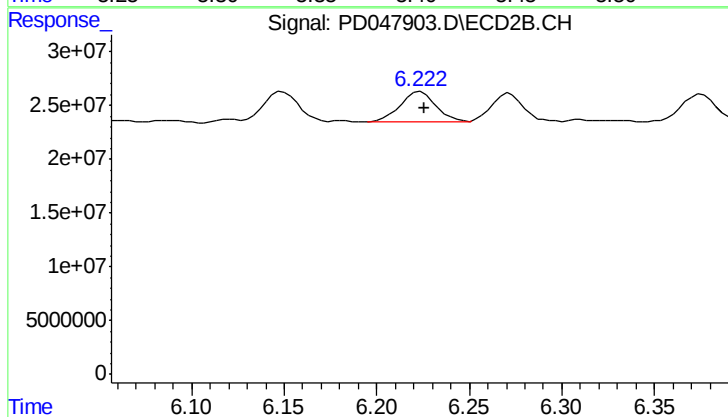
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 36169342
Conc: 11.30 ng/ml



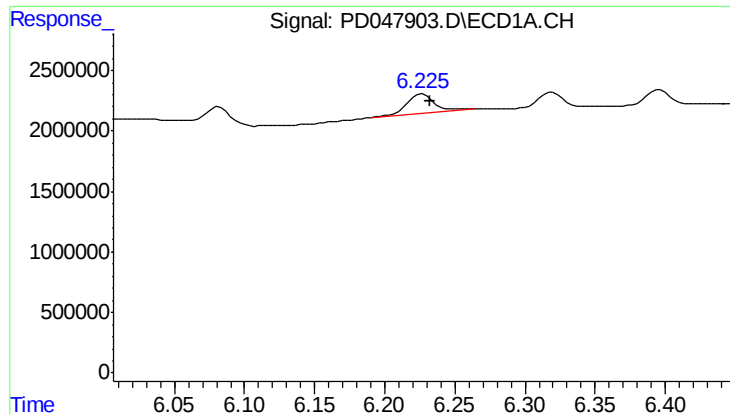
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 1904390
Conc: 11.97 ng/ml



#26 Chlordane-4

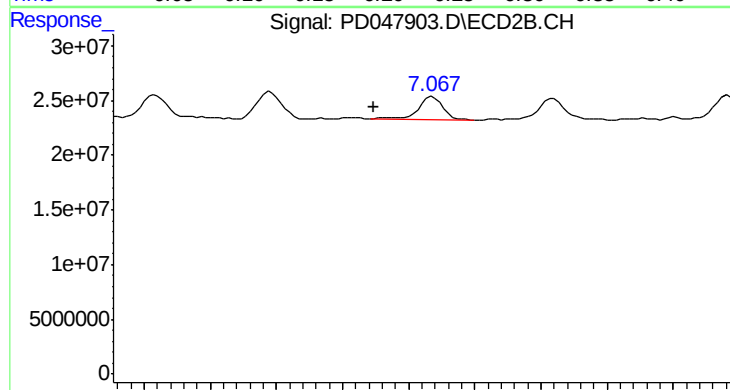
R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 37212899
Conc: 10.11 ng/ml



#27 Chlordane-5

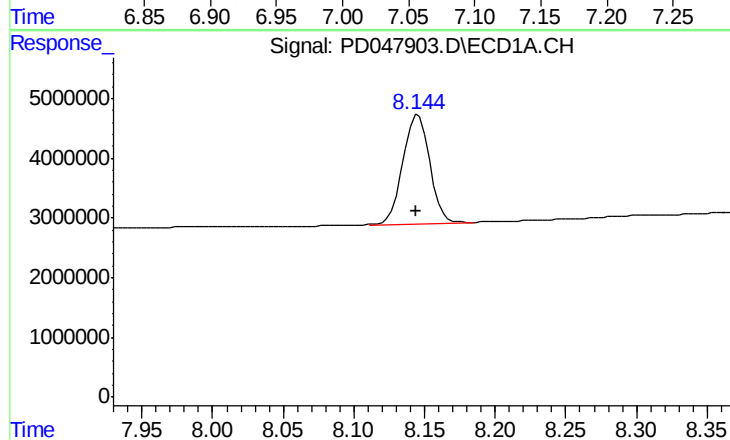
R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 2340965
Conc: 39.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-2



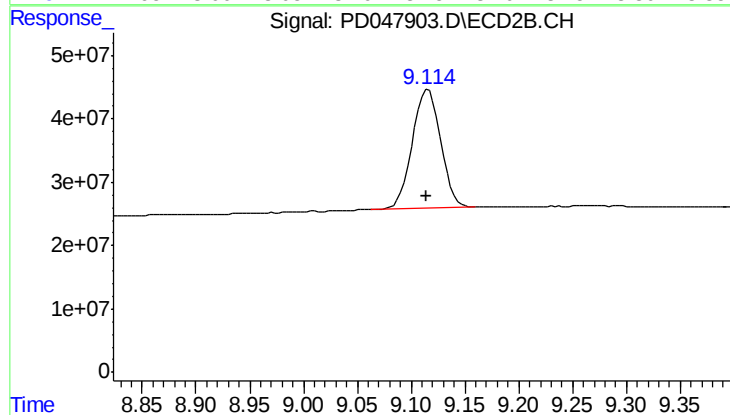
#27 Chlordane-5

R.T.: 7.068 min
Delta R.T.: 0.044 min
Response: 27806606
Conc: 33.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.146 min
Delta R.T.: 0.001 min
Response: 23783587
Conc: 16.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 344156209
Conc: 20.20 ng/ml