

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047905.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 3:56
 Operator : UA/AJ
 Sample : J2923-05
 Misc : Precision bias study 01
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 05:12:02 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	20535899	344.7E6	17.884	19.169
28)	SA Decachlor...	8.145	9.115	25627238	374.2E6	18.142	21.965
Target Compounds							
2)	A alpha-BHC	3.861	4.424	2395247	52617133	1.296	1.839 #
3)	MA gamma-BHC...	4.142	4.708	2188508	30623409	1.302	1.241
4)	MA Heptachlor	4.434	5.227	2258732	38206227	1.346	1.519
5)	MB Aldrin	4.678	5.534	2279201	39402264	1.407	1.647
6)	B beta-BHC	4.391	4.867	998880	16609091	1.391	1.461
7)	B delta-BHC	4.592	5.082	1400855	58741563	0.814	2.262 #
8)	B Heptachlo...	5.120	5.915	2119177	42462130	1.393	1.911 #
9)	A Endosulfan I	5.456	6.272	1956152	33885251	1.385	1.675
10)	B gamma-Chl...	5.343	6.149	2091200	36711128	1.364	1.602
11)	B alpha-Chl...	5.402	6.223	2014673	37346282	1.345	1.698 #
12)	B 4,4'-DDE	5.568	6.376	2151799	34809337	1.389	1.622
13)	MA Dieldrin	5.697	6.528	2144999	36547517	1.323	1.655 #
14)	MA Endrin	5.954	6.744	2071588	27188661	1.378	1.466
15)	B Endosulfa...	6.227	6.946	2525439	32793859	1.776	1.712
16)	A 4,4'-DDD	6.082	6.859	1504520	30368065	1.153	1.717 #
17)	MA 4,4'-DDT	6.320	7.160	1719306	26441680	1.250	1.562
18)	B Endrin al...	6.396	7.068	1801943	27896940	1.522	1.716
19)	B Endosulfa...	6.607	7.292	1747433	33351412	1.278	1.764 #
20)	A Methoxychlor	6.808f	7.612	1868653	16110114	2.387	1.756 #
21)	B Endrin ke...	7.097	7.760	2313955	34193938	1.389	1.817 #
22)	Mirex	0.000	7.292	0	33351412	N.D.	1.725 #
23)	Chlordane-1	4.353	5.082	1931255	58741563	33.435	57.701 #
24)	Chlordane-2	0.000	5.534	0	39402264	N.D.	41.729 #
25)	Chlordane-3	5.343	6.149	2091200	36711128	11.640	11.471
26)	Chlordane-4	5.402	6.223	2014673	37346282	12.663	10.147
27)	Chlordane-5	6.227	7.068	2525439	27896940	42.563	33.430

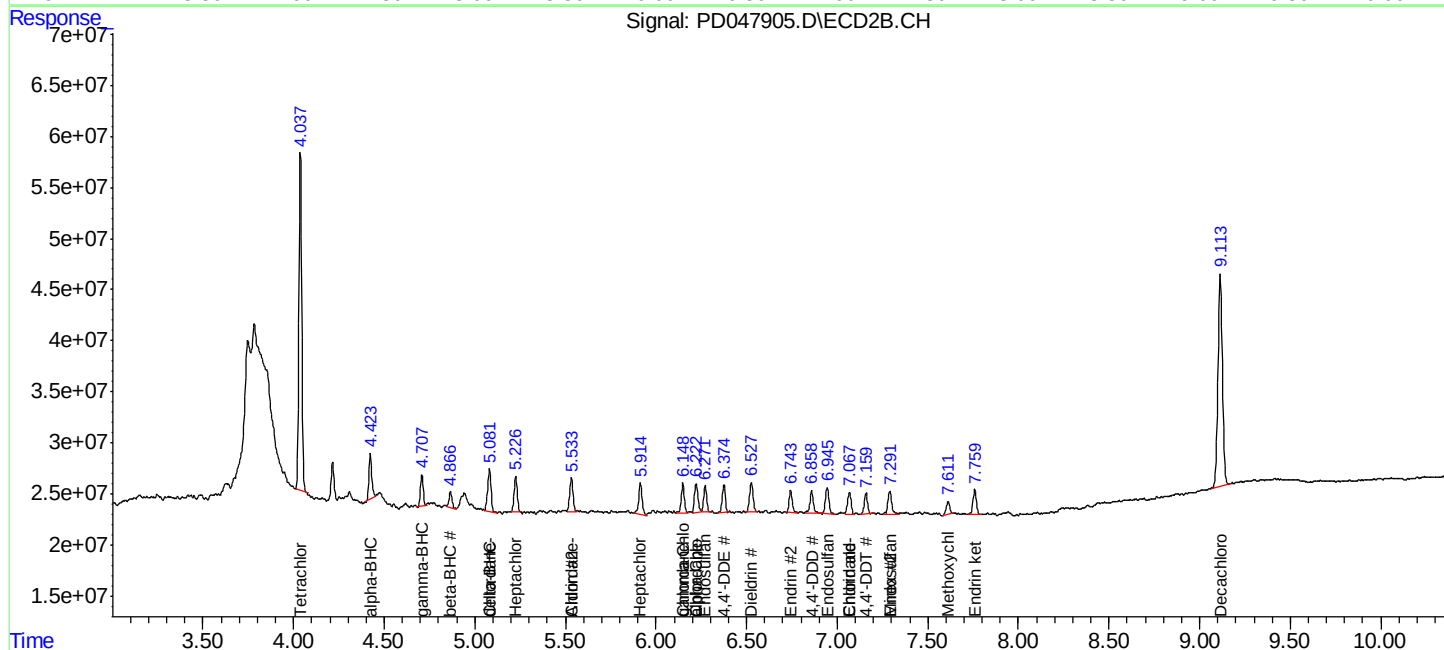
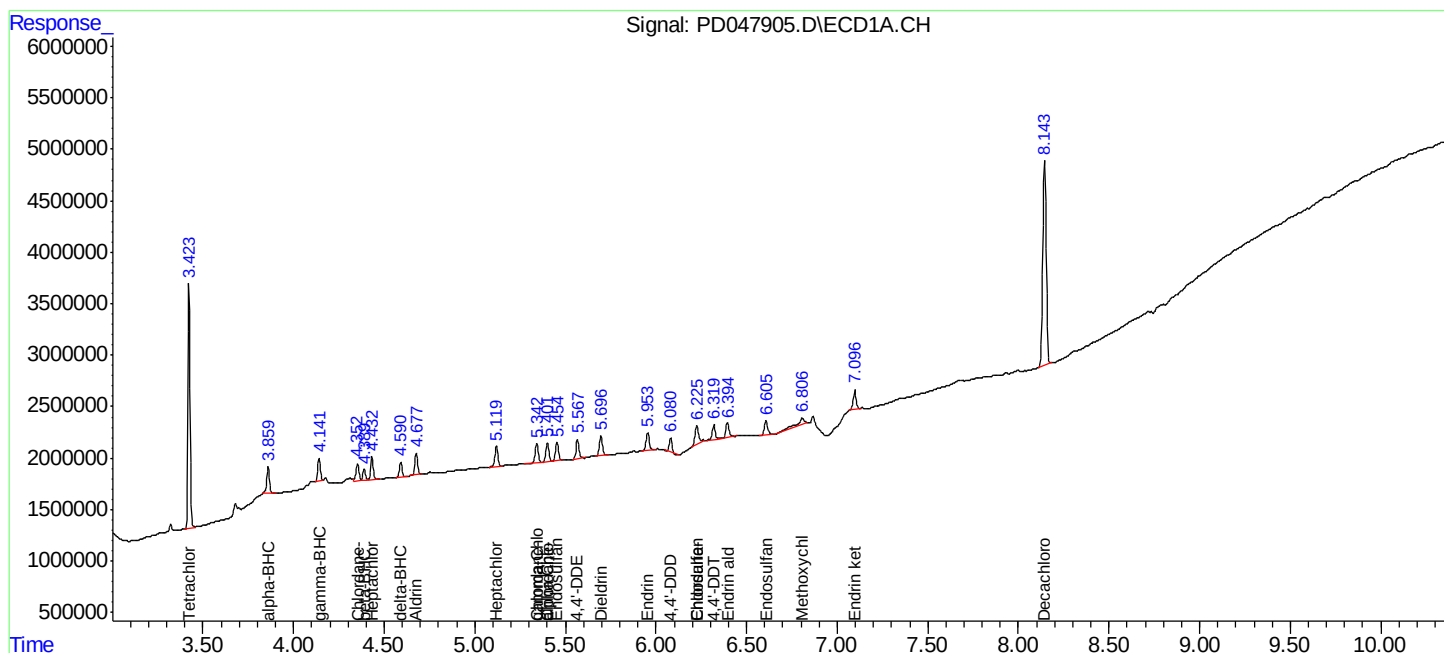
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

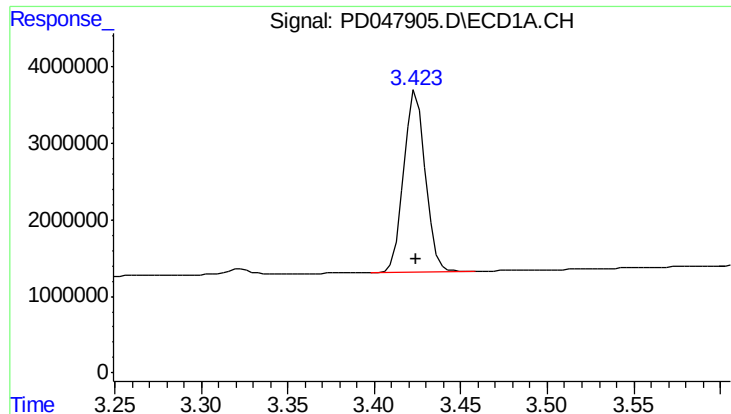
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
Data File : PD047905.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 25 May 2018 3:56
Operator : UA/AJ
Sample : J2923-05
Misc : Precision bias study 01
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 05:12:02 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

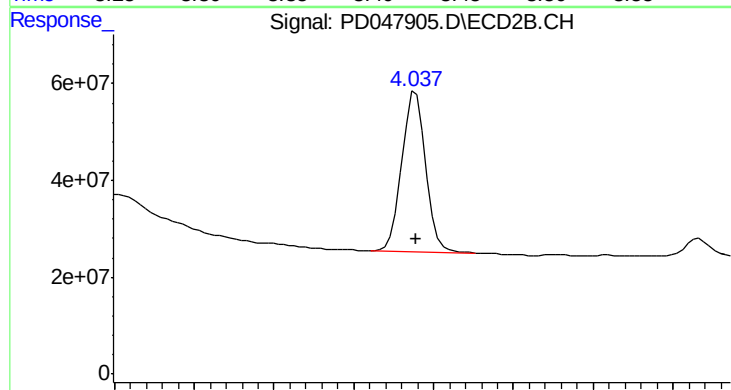




#1 Tetrachloro-m-xylene

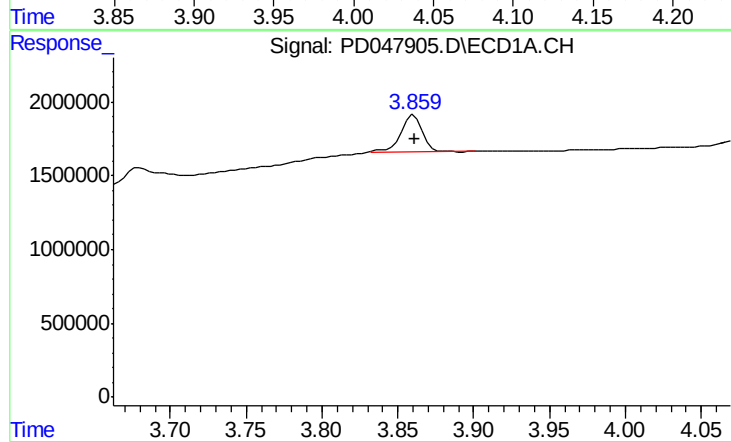
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 20535899
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



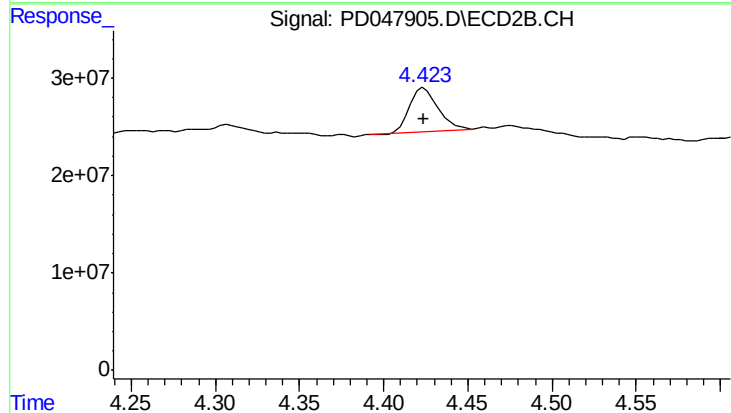
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 344681273
Conc: 19.17 ng/ml



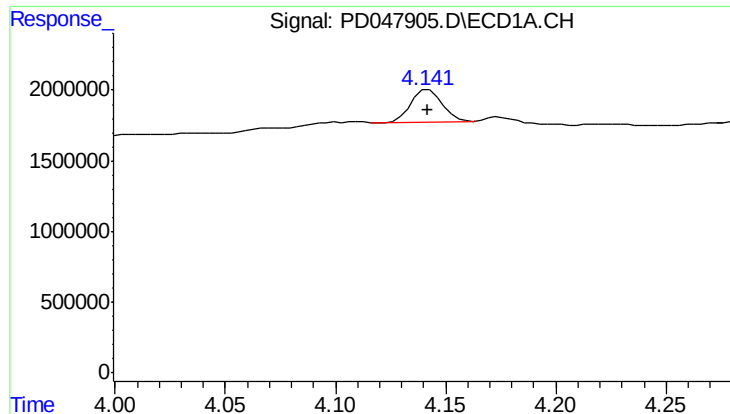
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 2395247
Conc: 1.30 ng/ml



#2 alpha-BHC

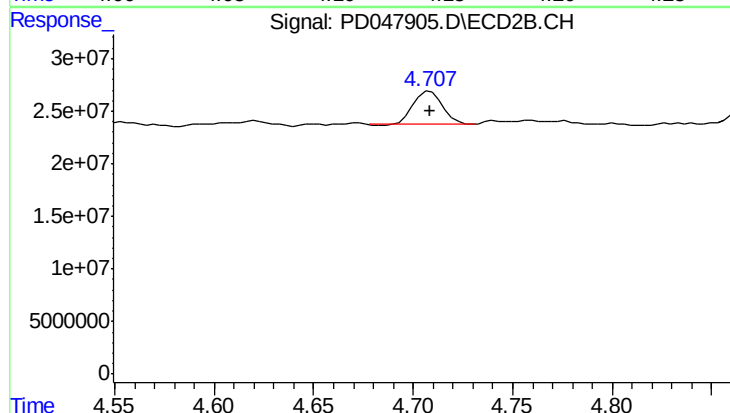
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 52617133
Conc: 1.84 ng/ml



#3 gamma-BHC (Lindane)

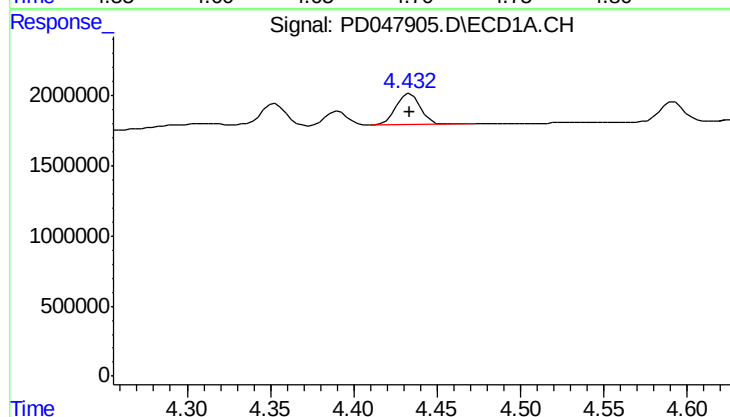
R.T.: 4.142 min
Delta R.T.: 0.000 min
Response: 2188508
Conc: 1.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



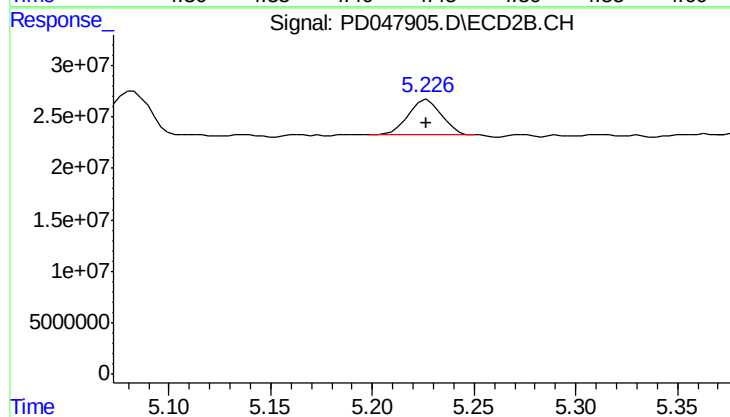
#3 gamma-BHC (Lindane)

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 30623409
Conc: 1.24 ng/ml



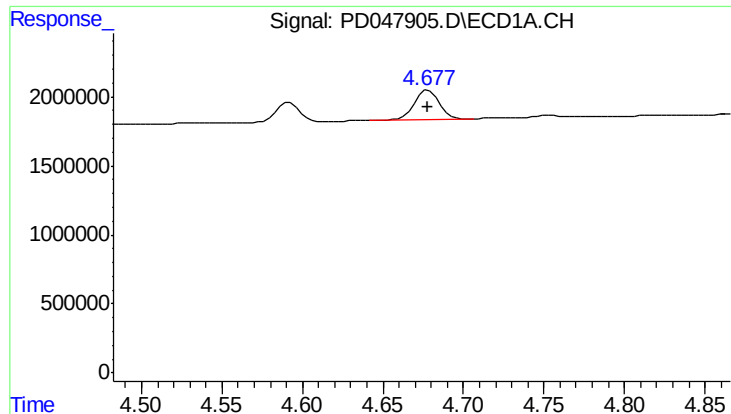
#4 Heptachlor

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 2258732
Conc: 1.35 ng/ml



#4 Heptachlor

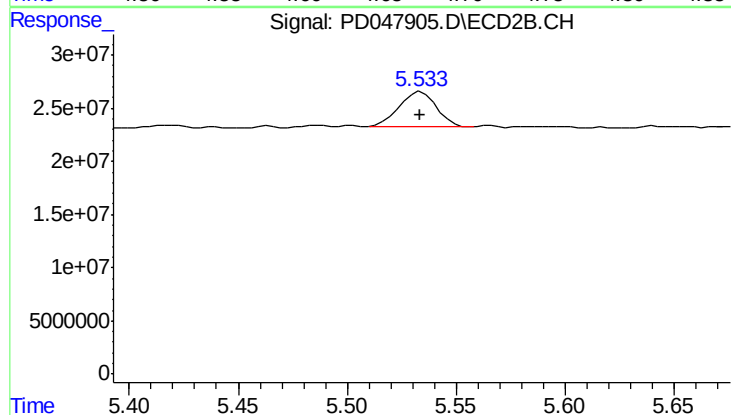
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 38206227
Conc: 1.52 ng/ml



#5 Aldrin

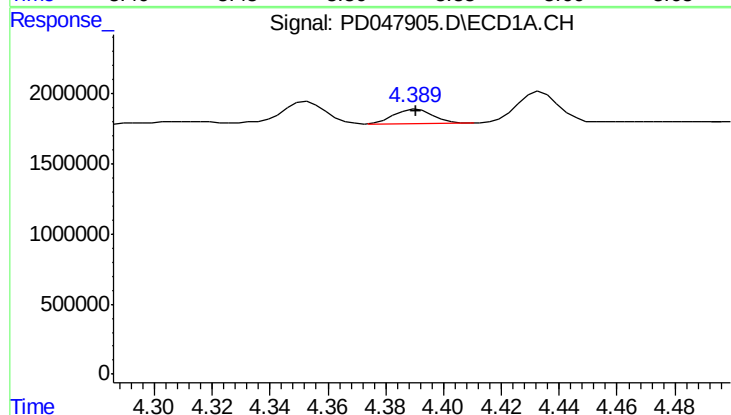
R.T.: 4.678 min
Delta R.T.: 0.000 min
Response: 2279201
Conc: 1.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



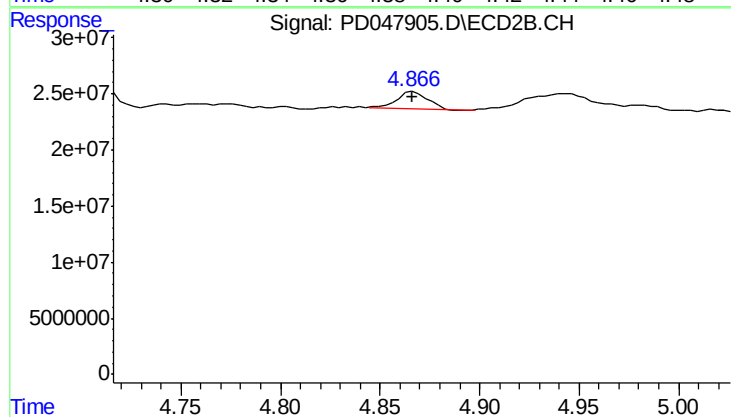
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: 0.000 min
Response: 39402264
Conc: 1.65 ng/ml



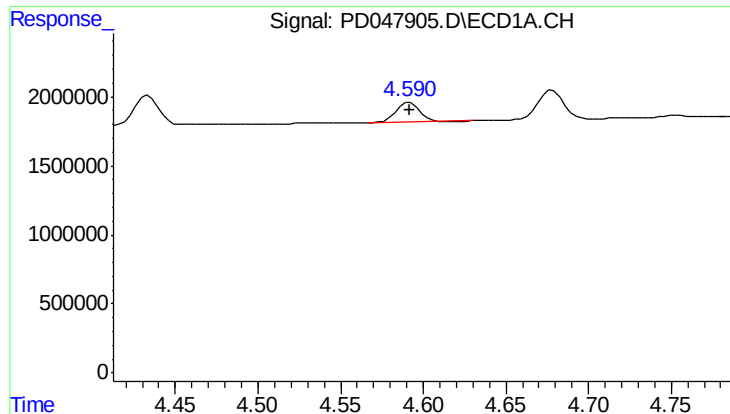
#6 beta-BHC

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 998880
Conc: 1.39 ng/ml



#6 beta-BHC

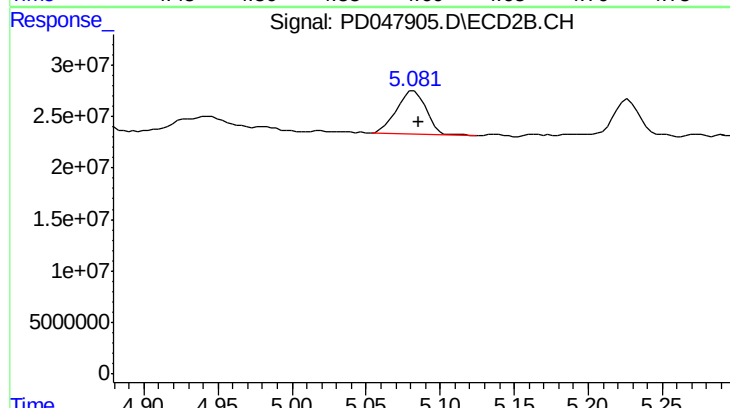
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 16609091
Conc: 1.46 ng/ml



#7 delta-BHC

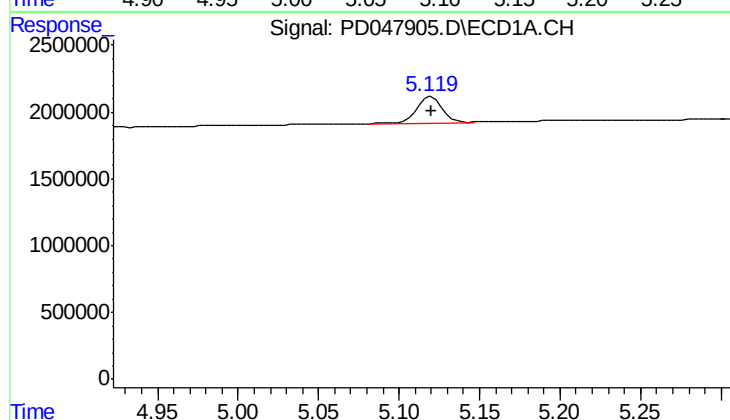
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 1400855
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



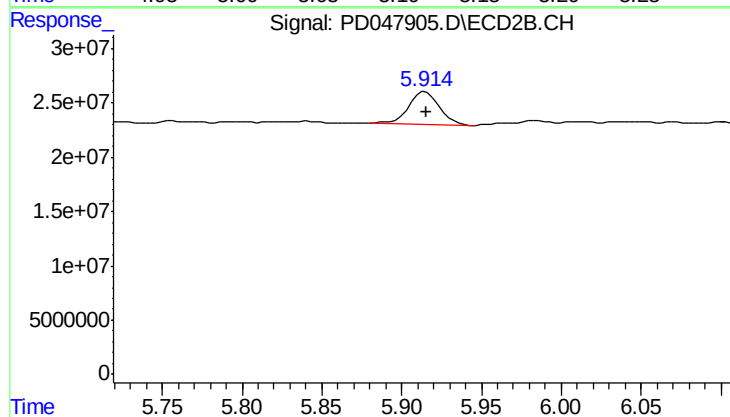
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 58741563
Conc: 2.26 ng/ml



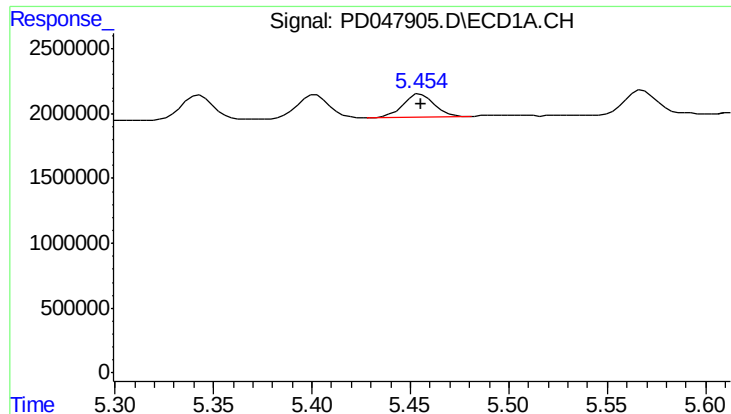
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 2119177
Conc: 1.39 ng/ml



#8 Heptachlor epoxide

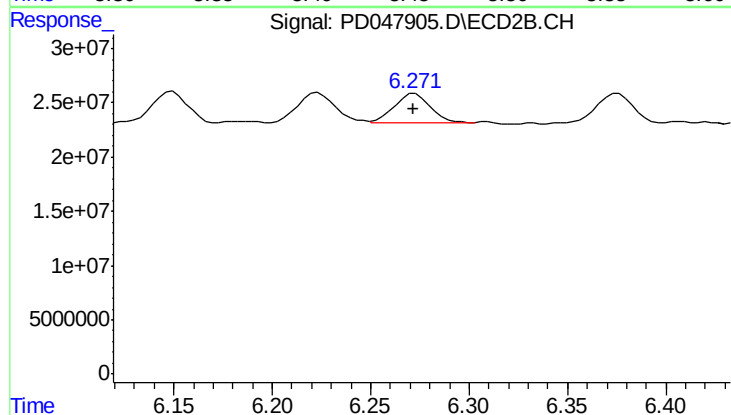
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 42462130
Conc: 1.91 ng/ml



#9 Endosulfan I

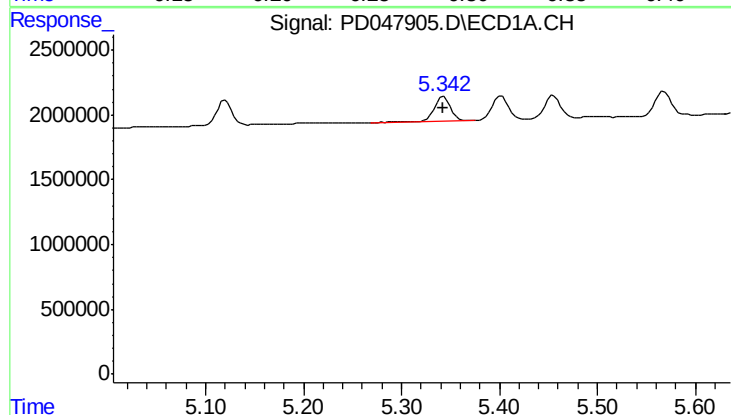
R.T.: 5.456 min
Delta R.T.: 0.000 min
Response: 1956152
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



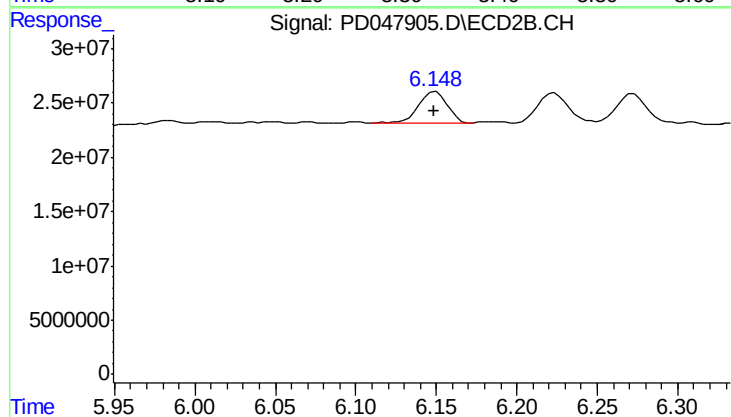
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 33885251
Conc: 1.67 ng/ml



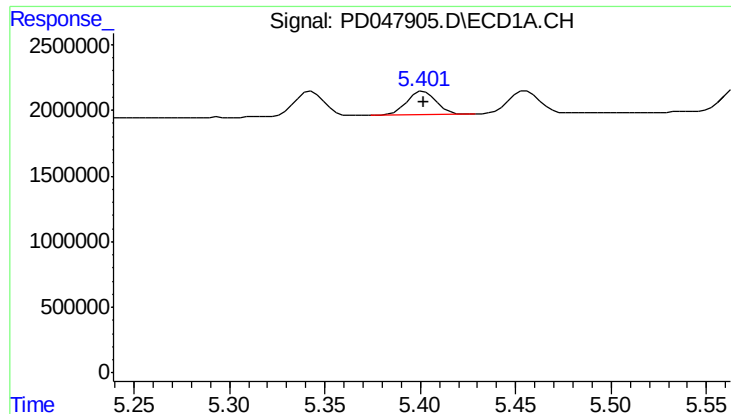
#10 gamma-Chlordane

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2091200
Conc: 1.36 ng/ml



#10 gamma-Chlordane

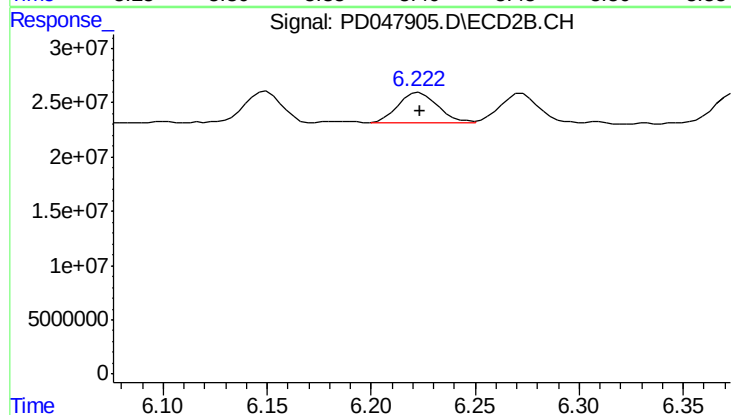
R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 36711128
Conc: 1.60 ng/ml



#11 alpha-Chlordane

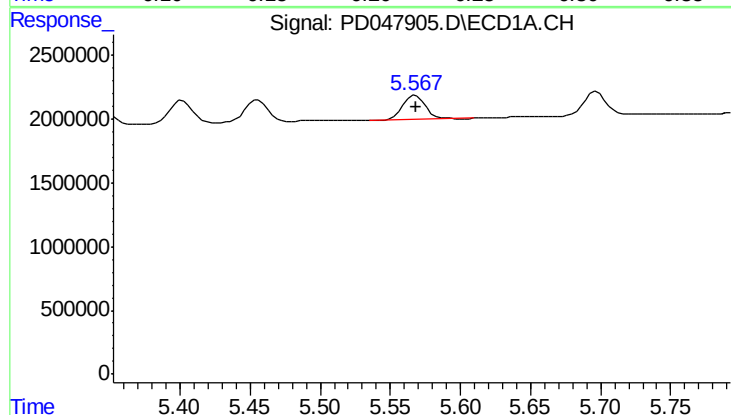
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 2014673
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



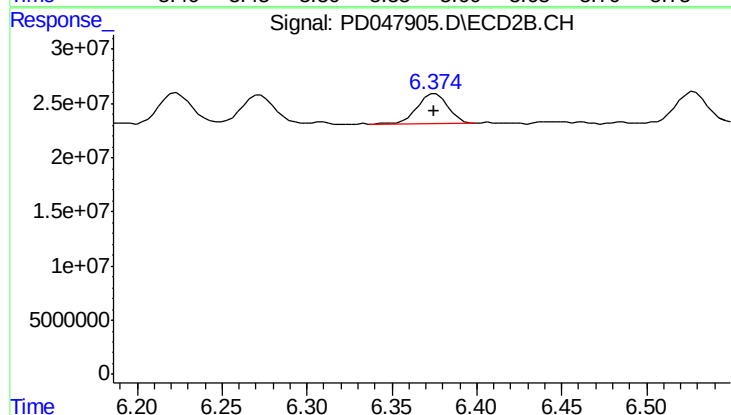
#11 alpha-Chlordane

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 37346282
Conc: 1.70 ng/ml



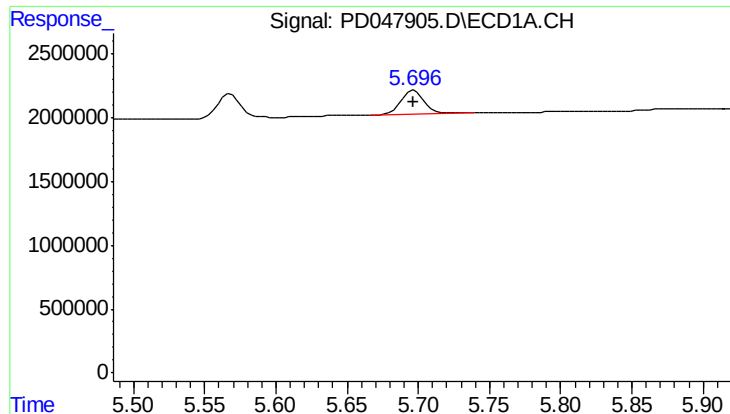
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 2151799
Conc: 1.39 ng/ml



#12 4,4'-DDE

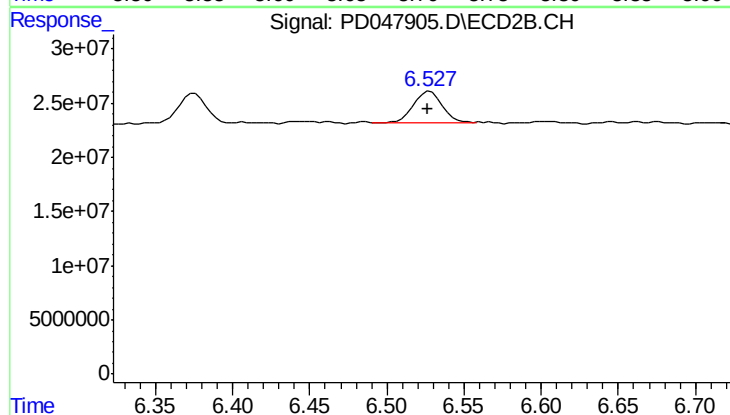
R.T.: 6.376 min
Delta R.T.: 0.001 min
Response: 34809337
Conc: 1.62 ng/ml



#13 Dielddrin

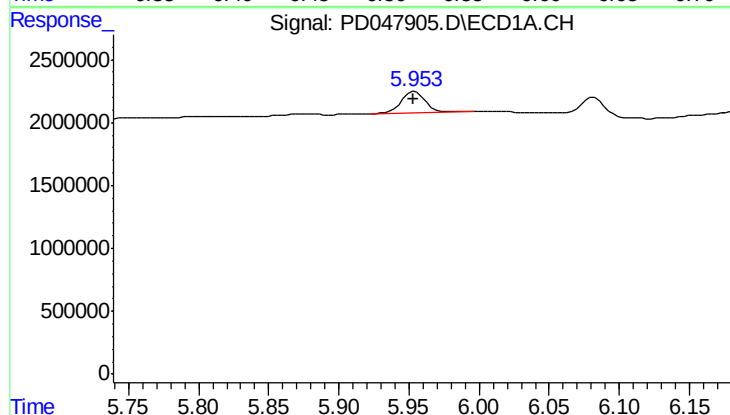
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 2144999
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



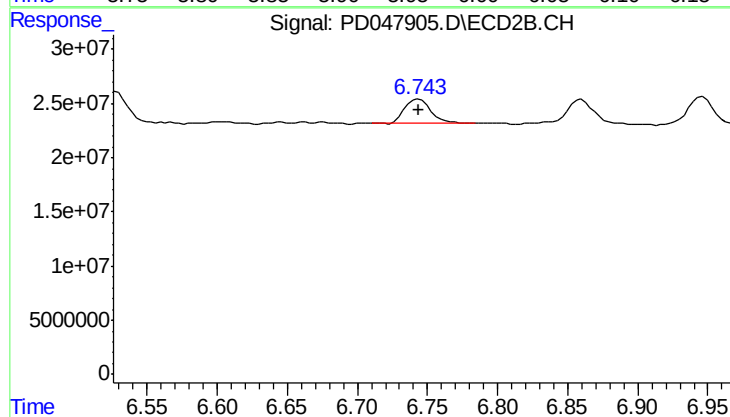
#13 Dielddrin

R.T.: 6.528 min
Delta R.T.: 0.001 min
Response: 36547517
Conc: 1.65 ng/ml



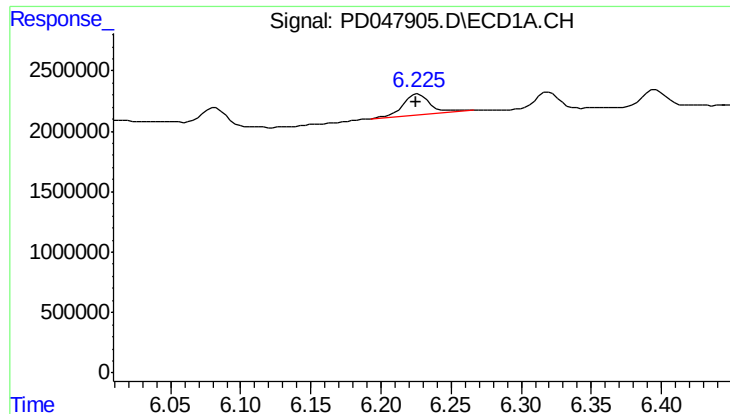
#14 Endrin

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 2071588
Conc: 1.38 ng/ml



#14 Endrin

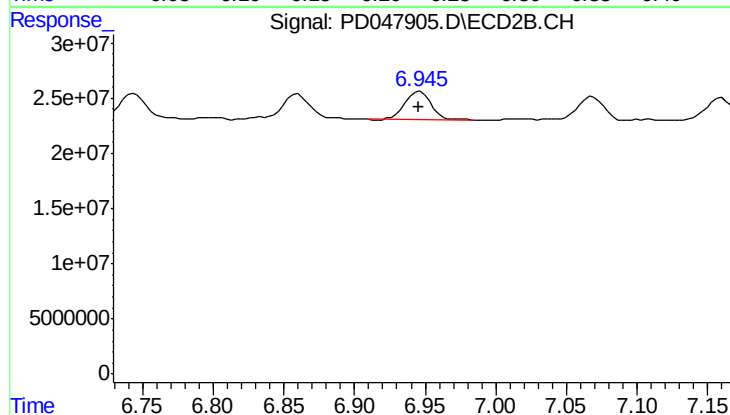
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 27188661
Conc: 1.47 ng/ml



#15 Endosulfan II

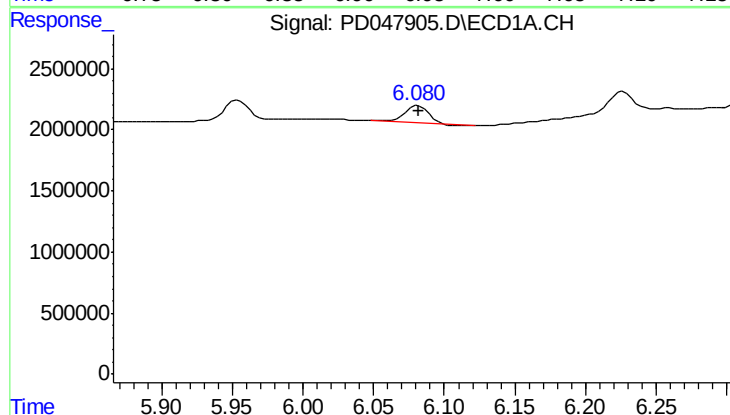
R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 2525439
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



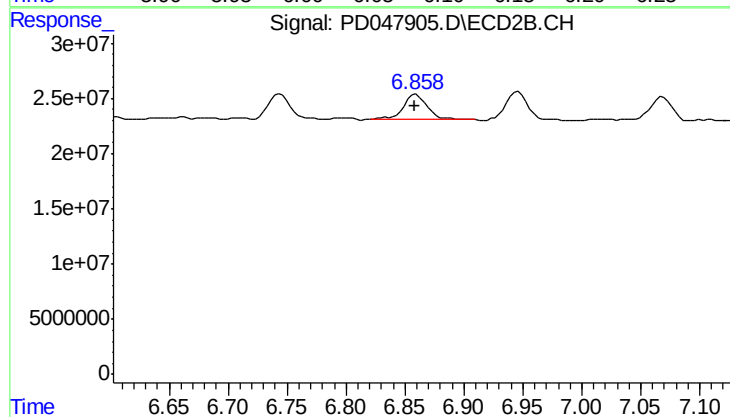
#15 Endosulfan II

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 32793859
Conc: 1.71 ng/ml



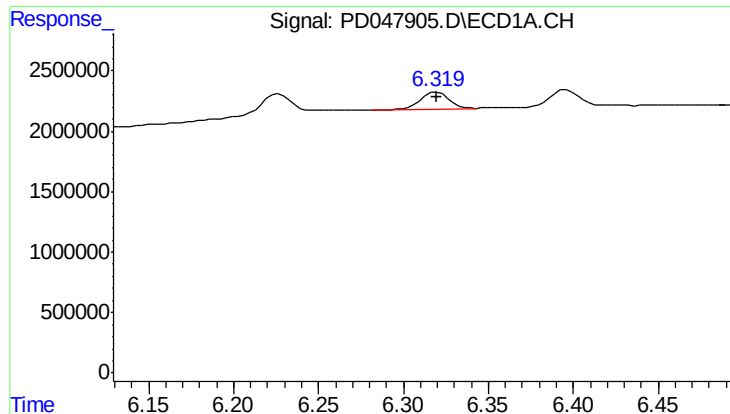
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1504520
Conc: 1.15 ng/ml



#16 4,4'-DDD

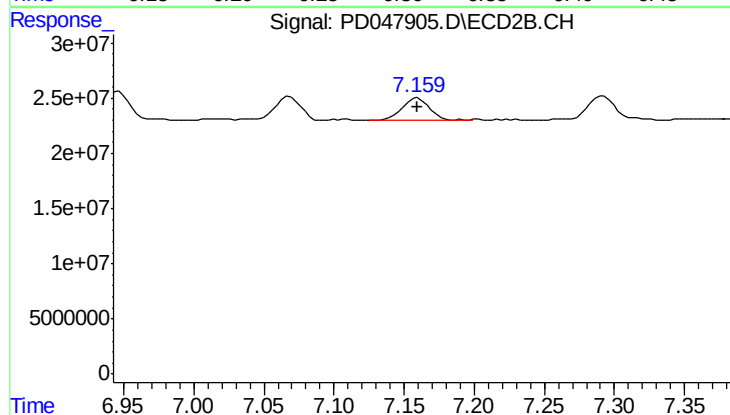
R.T.: 6.859 min
Delta R.T.: 0.001 min
Response: 30368065
Conc: 1.72 ng/ml



#17 4,4'-DDT

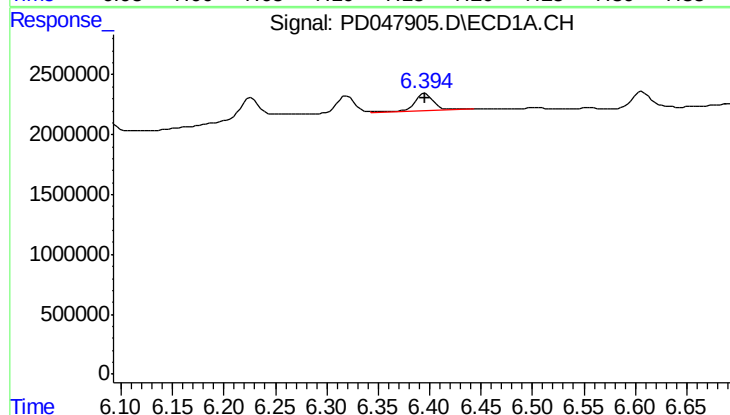
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1719306
Conc: 1.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



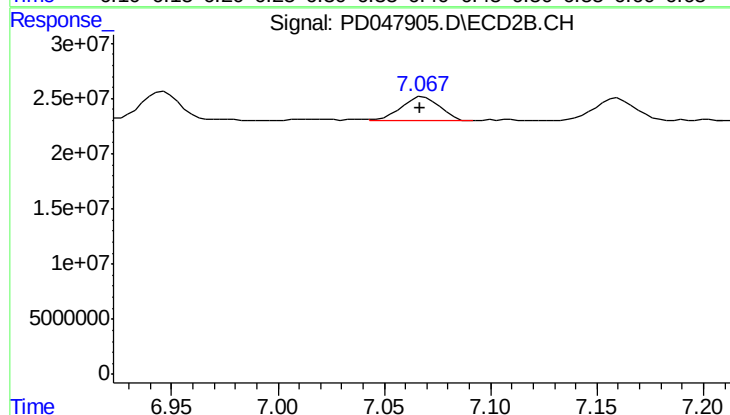
#17 4,4'-DDT

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 26441680
Conc: 1.56 ng/ml



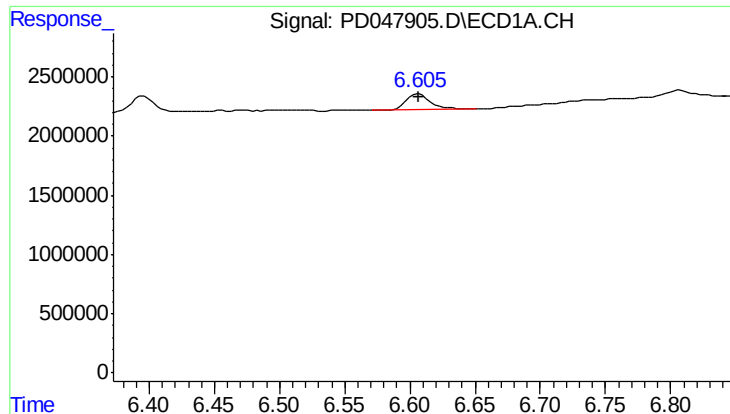
#18 Endrin aldehyde

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1801943
Conc: 1.52 ng/ml



#18 Endrin aldehyde

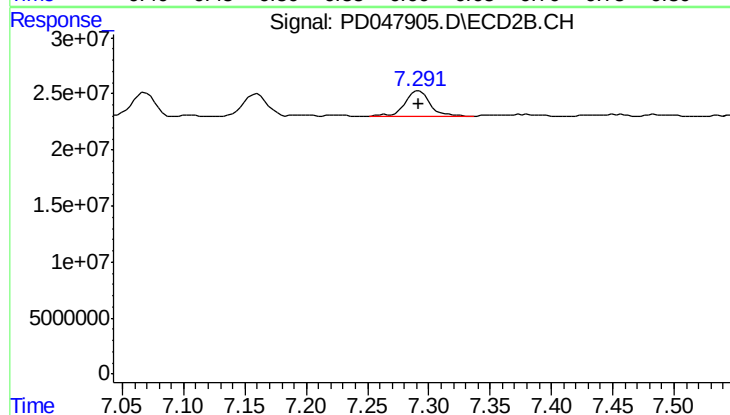
R.T.: 7.068 min
Delta R.T.: 0.002 min
Response: 27896940
Conc: 1.72 ng/ml



#19 Endosulfan Sulfate

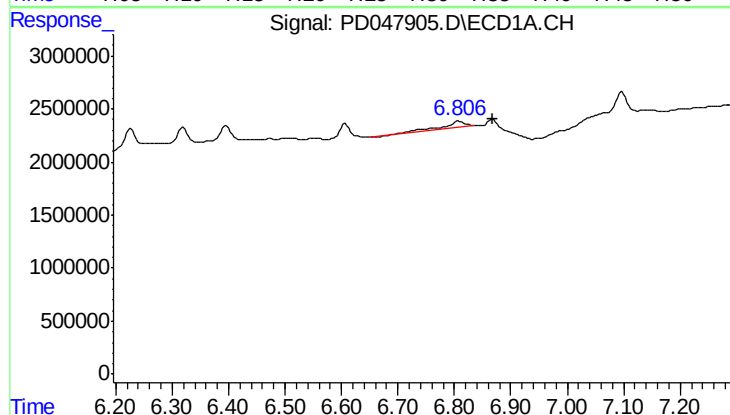
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1747433
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



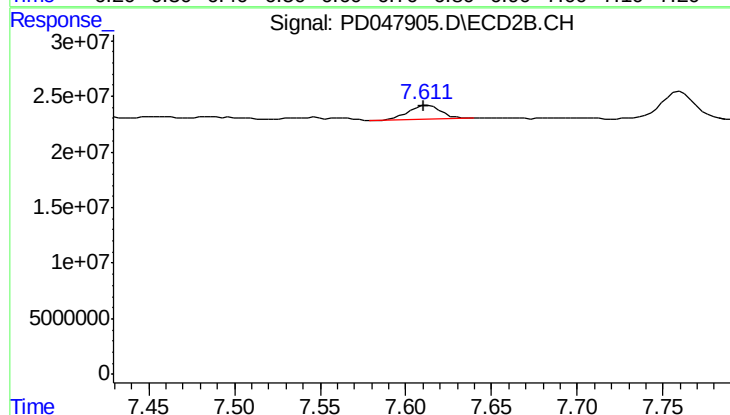
#19 Endosulfan Sulfate

R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 33351412
Conc: 1.76 ng/ml



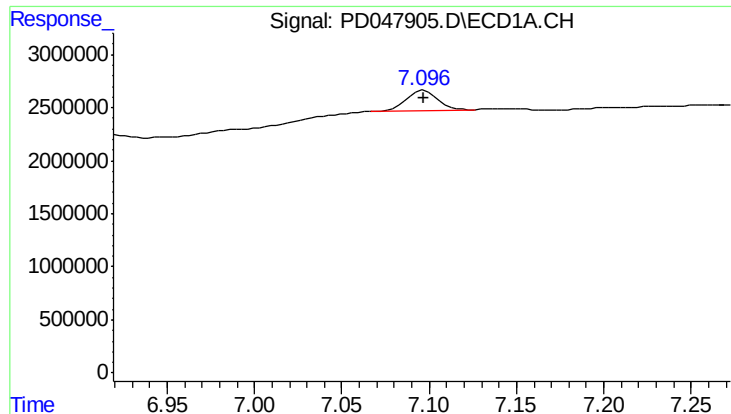
#20 Methoxychlor

R.T.: 6.808 min
Delta R.T.: -0.061 min
Response: 1868653
Conc: 2.39 ng/ml



#20 Methoxychlor

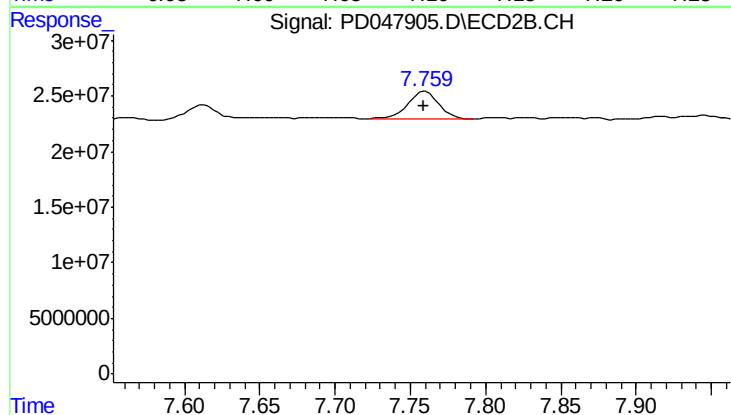
R.T.: 7.612 min
Delta R.T.: 0.002 min
Response: 16110114
Conc: 1.76 ng/ml



#21 Endrin ketone

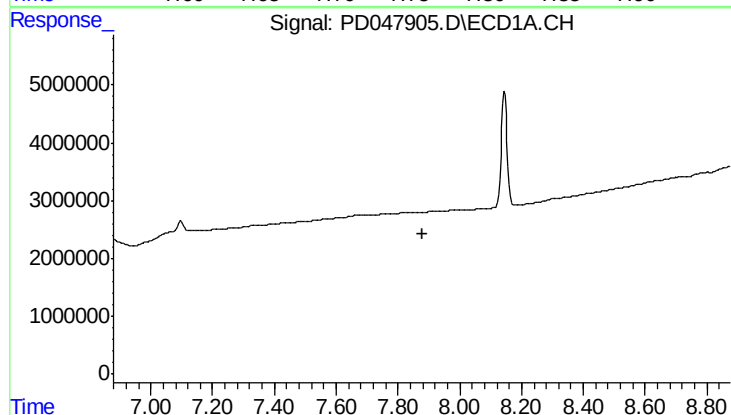
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 2313955
Conc: 1.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



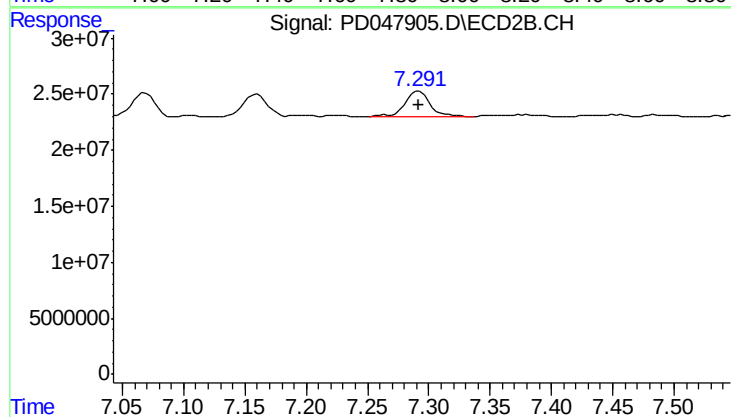
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.001 min
Response: 34193938
Conc: 1.82 ng/ml



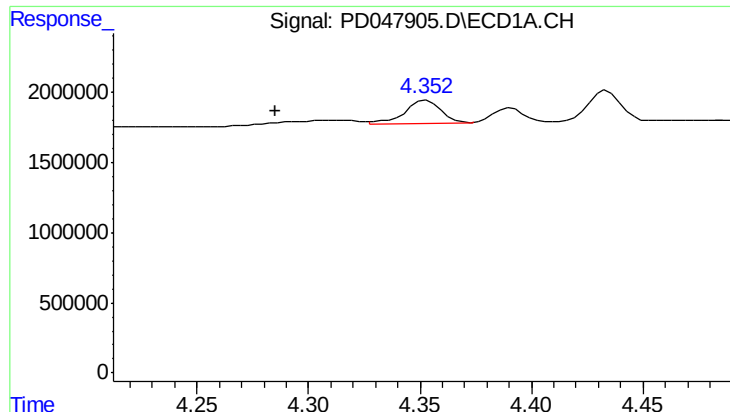
#22 Mirex

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



#22 Mirex

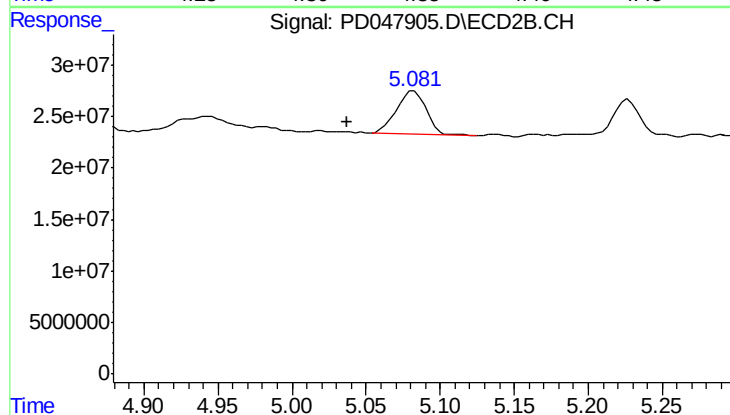
R.T.: 7.292 min
Delta R.T.: 0.000 min
Response: 33351412
Conc: 1.73 ng/ml



#23 Chlordane-1

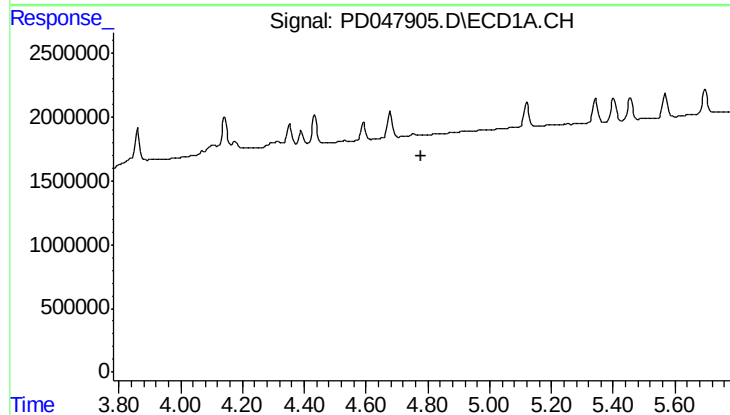
R.T.: 4.353 min
Delta R.T.: 0.068 min
Response: 1931255
Conc: 33.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



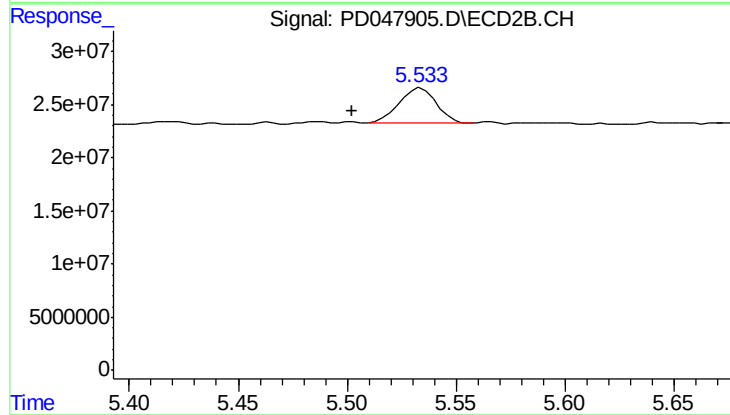
#23 Chlordane-1

R.T.: 5.082 min
Delta R.T.: 0.045 min
Response: 58741563
Conc: 57.70 ng/ml



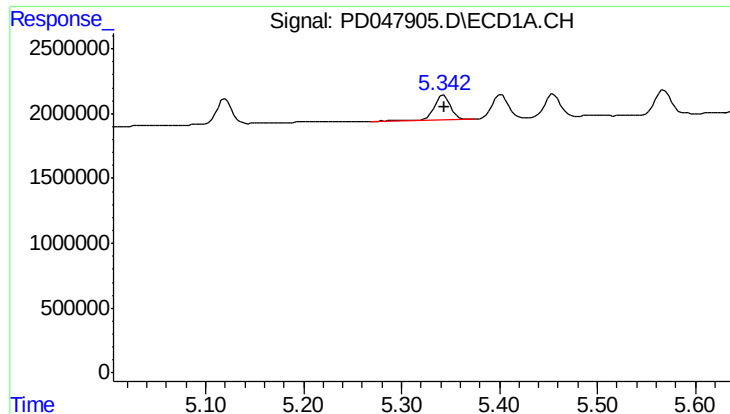
#24 Chlordane-2

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



#24 Chlordane-2

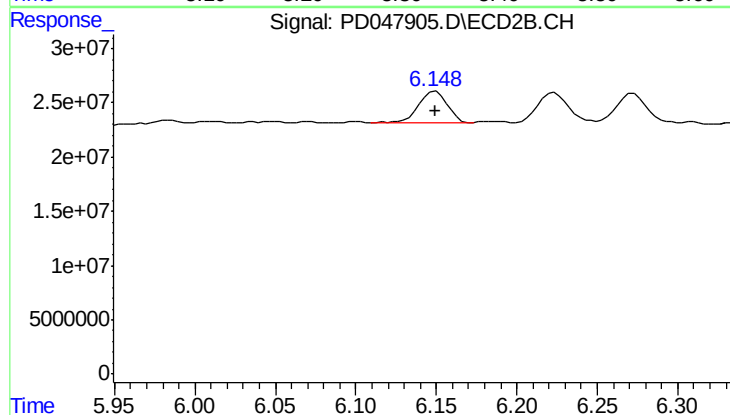
R.T.: 5.534 min
Delta R.T.: 0.032 min
Response: 39402264
Conc: 41.73 ng/ml



#25 Chlordane-3

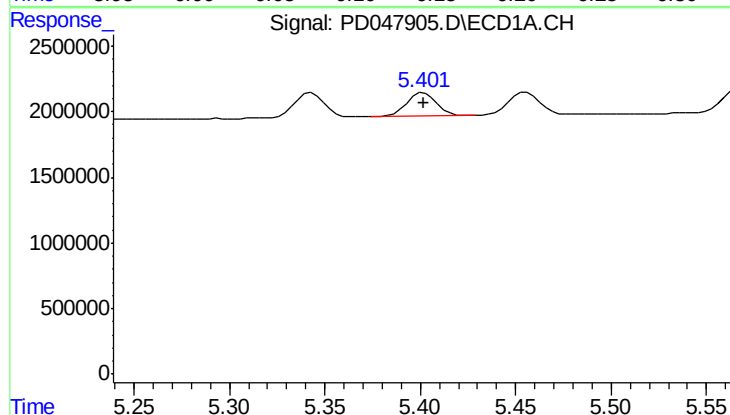
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 2091200
Conc: 11.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



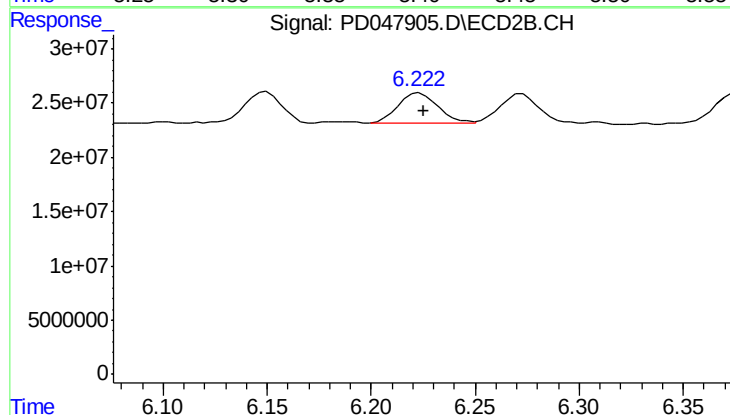
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 36711128
Conc: 11.47 ng/ml



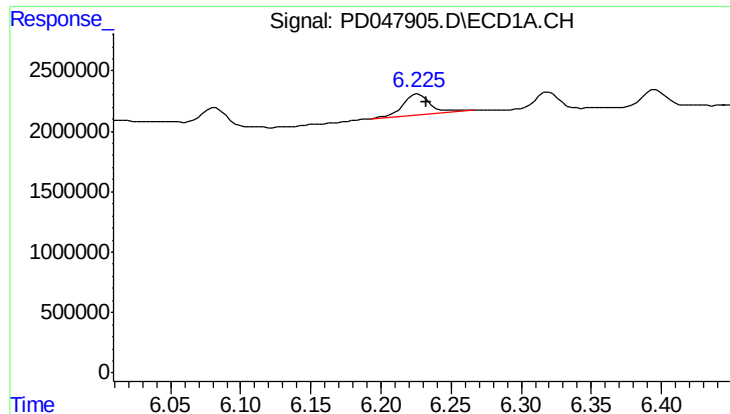
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 2014673
Conc: 12.66 ng/ml



#26 Chlordane-4

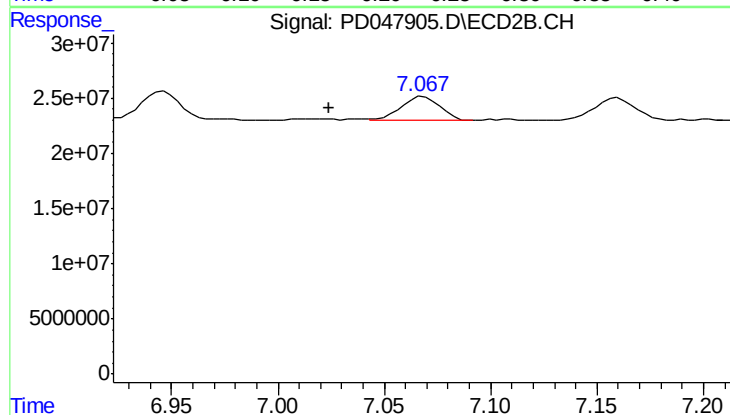
R.T.: 6.223 min
Delta R.T.: -0.002 min
Response: 37346282
Conc: 10.15 ng/ml



#27 Chlordane-5

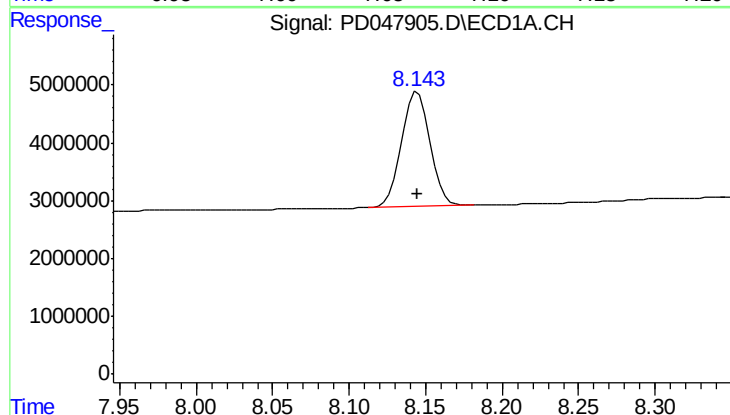
R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 2525439
Conc: 42.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SCM-Precision-Bias-4



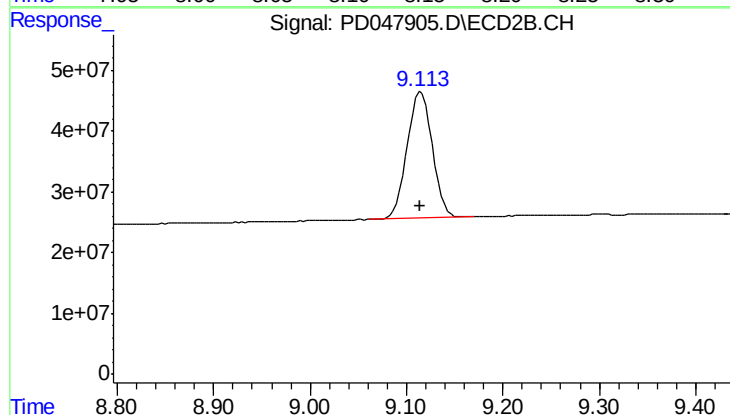
#27 Chlordane-5

R.T.: 7.068 min
Delta R.T.: 0.044 min
Response: 27896940
Conc: 33.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 25627238
Conc: 18.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 374242041
Conc: 21.97 ng/ml