

Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047908.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 4:41
 Operator : UA/AJ
 Sample : J2923-08
 Misc : Precision bias study 04
 ALS Vial : 44 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:04:32 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	19860311	337.2E6	17.296	18.750
28)	SA Decachlor...	8.145	9.115	24463701	358.0E6	17.319	21.014
Target Compounds							
2)	A alpha-BHC	3.861	4.424	2339568	54769675	1.266	1.915 #
3)	MA gamma-BHC...	4.143	4.708	2080141	30506317	1.237	1.236
4)	MA Heptachlor	4.434	5.227	2168889	39438262	1.292	1.568
5)	MB Aldrin	4.679	5.533	2238101	37485965	1.382	1.567
6)	B beta-BHC	4.391	4.869	966802	16107327	1.347	1.417
7)	B delta-BHC	4.592	5.082	1375246	59176037	0.799	2.279 #
8)	B Heptachlo...	5.120	5.915	1978042	36978979	1.300	1.665 #
9)	A Endosulfan I	5.455	6.272	1886928	32446455	1.336	1.603
10)	B gamma-Chl...	5.343	6.149	1941408	37972665	1.266	1.657 #
11)	B alpha-Chl...	5.402	6.224	1946091	37356408	1.299	1.699 #
12)	B 4,4'-DDE	5.568	6.374	2146006	31074904	1.386	1.448
13)	MA Dieldrin	5.697	6.527	2078920	36101863	1.282	1.635 #
14)	MA Endrin	5.954	6.743	1978819	27022214	1.316	1.457
15)	B Endosulfa...	6.227	6.945	2460445	34498757	1.730	1.801
16)	A 4,4'-DDD	6.082	6.859	1468023	29074641	1.125	1.644 #
17)	MA 4,4'-DDT	6.320	7.160	1652807	24139391	1.201	1.426
18)	B Endrin al...	6.396	7.069	1595325	28835055	1.347	1.774 #
19)	B Endosulfa...	6.607	7.293	1630495	28678401	1.193	1.517 #
20)	A Methoxychlor	6.808f	7.612	1807460	16144064	2.309	1.759
21)	B Endrin ke...	7.098	7.760	2279651	31010276	1.369	1.648
22)	Mirex	7.932f	7.293	6066505	28678401	NoCal	1.484 #
23)	Chlordane-1	4.353	5.082	1915220	59176037	33.157	58.128 #
24)	Chlordane-2	0.000	5.533	0	37485965	N.D.	39.700 #
25)	Chlordane-3	5.343	6.149	1941408	37972665	10.806	11.865
26)	Chlordane-4	5.402	6.224	1946091	37356408	12.232	10.149
27)	Chlordane-5	6.227	7.069	2460445	28835055	41.467	34.554

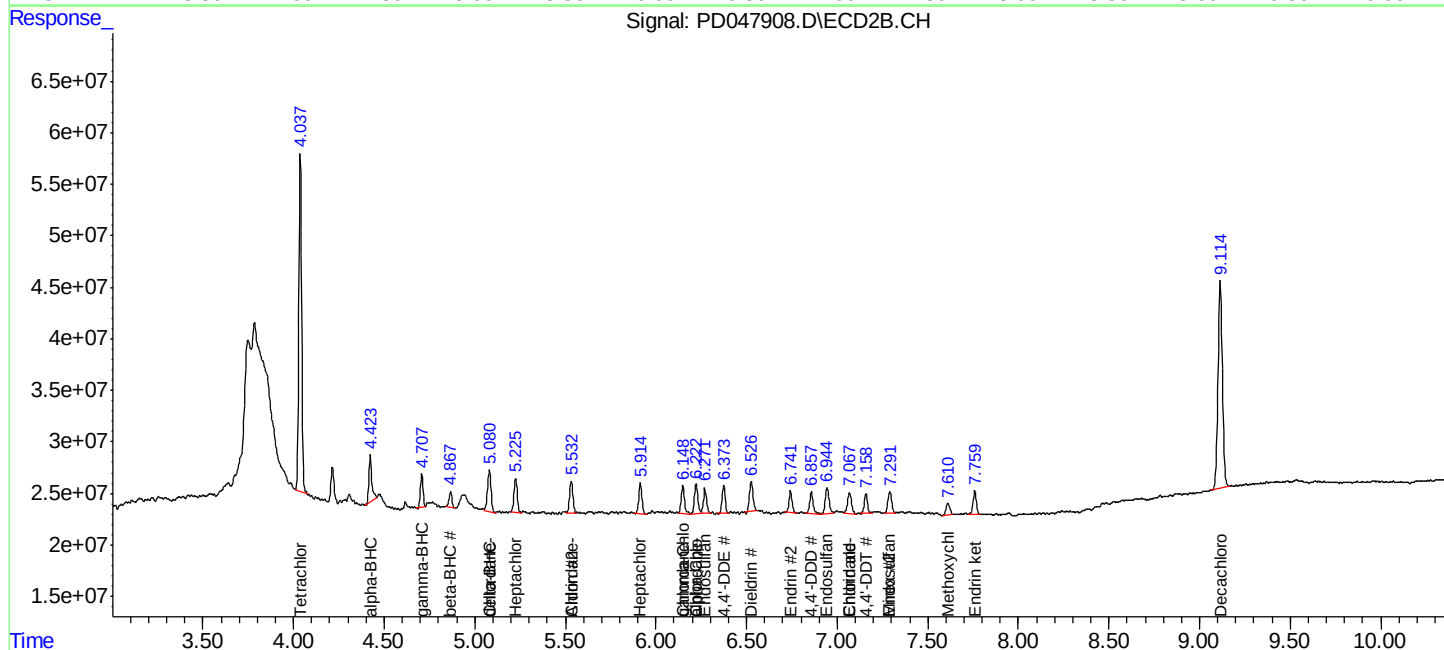
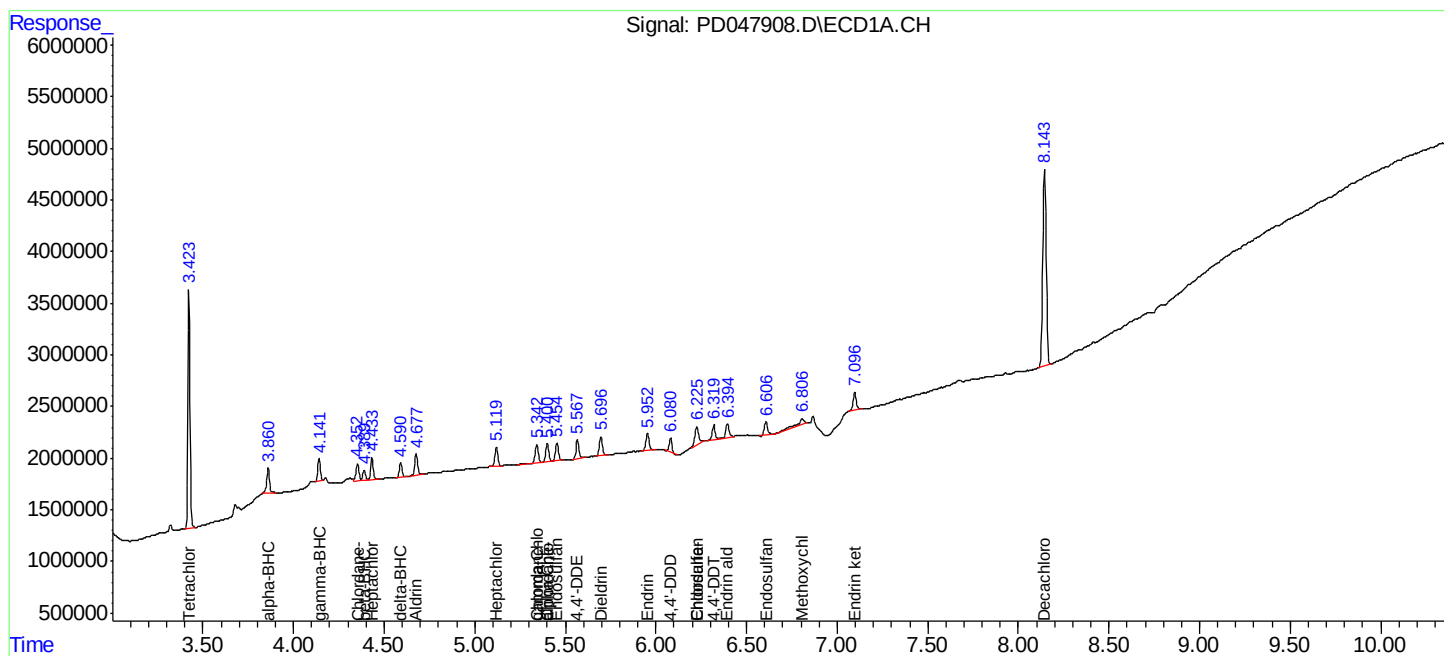
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

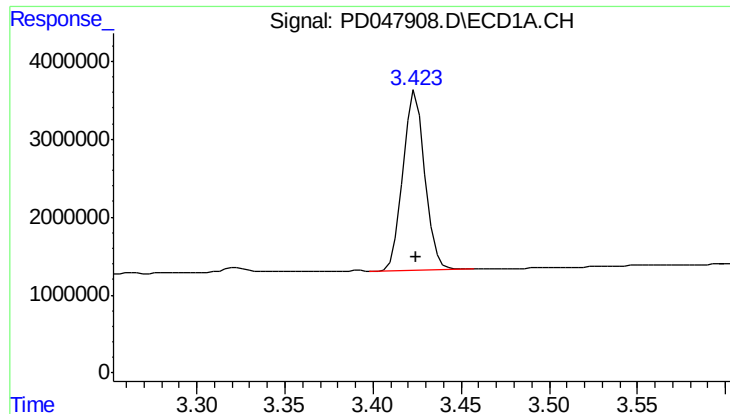
Data Path : P:\HPCHEM1\ECD_D\Data\PD052418\
 Data File : PD047908.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 25 May 2018 4:41
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 ECD_O
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 LOQ-NPW-Precision-Bias-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 25 06:04:32 2018
 Quant Method : P:\HPCHEM1\ECD_D\Method\PD052418.M
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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

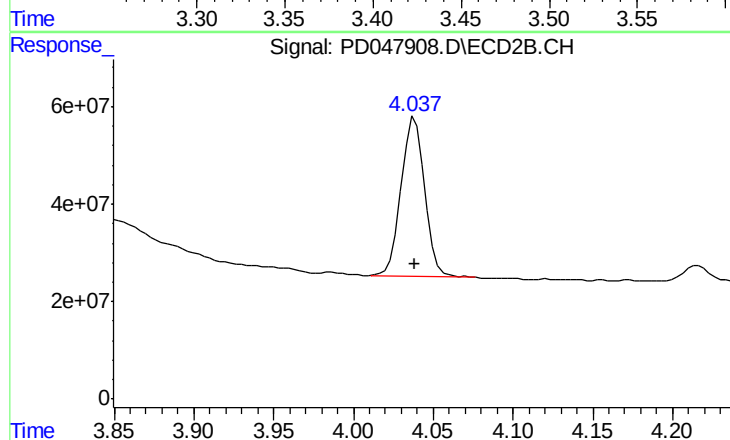




#1 Tetrachloro-m-xylene

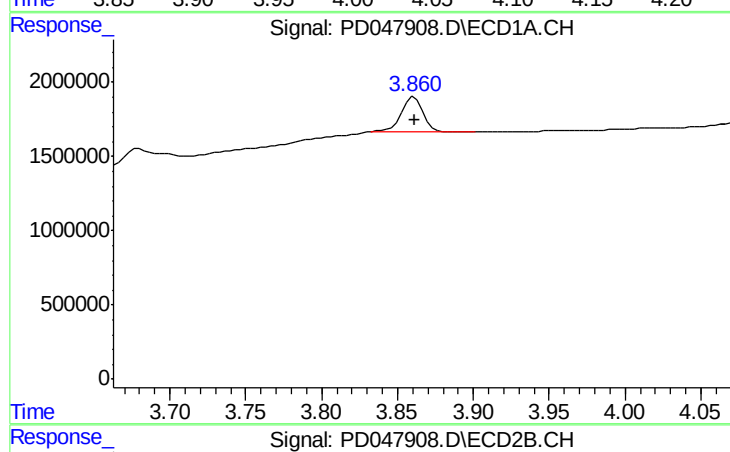
R.T.: 3.424 min
Delta R.T.: 0.000 min
Response: 19860311
Conc: 17.30 ng/ml

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



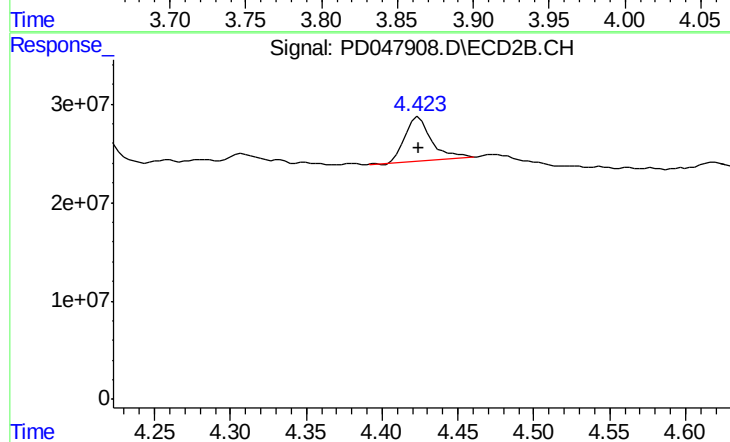
#1 Tetrachloro-m-xylene

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 337150858
Conc: 18.75 ng/ml



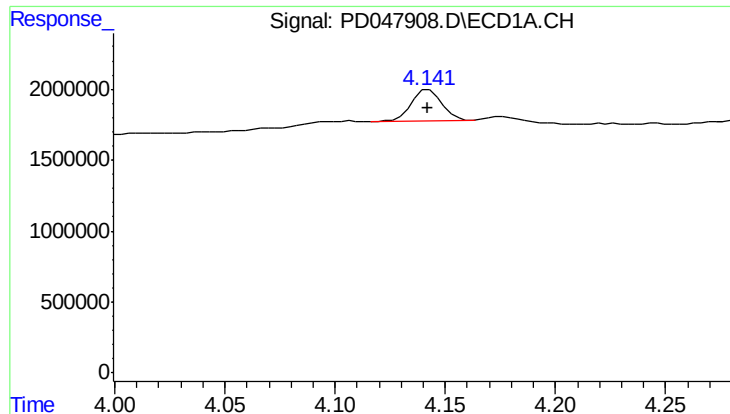
#2 alpha-BHC

R.T.: 3.861 min
Delta R.T.: 0.000 min
Response: 2339568
Conc: 1.27 ng/ml



#2 alpha-BHC

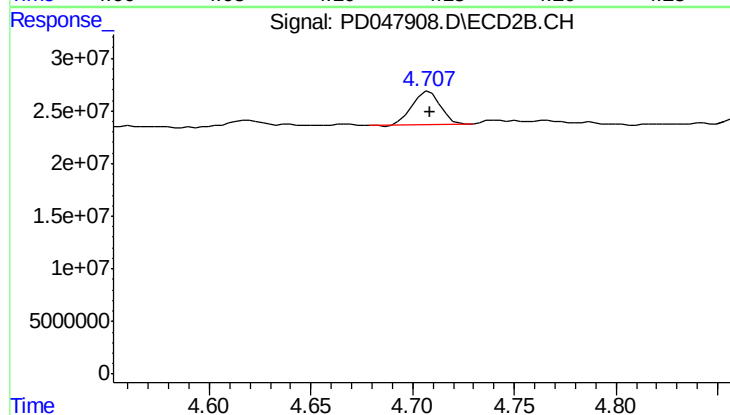
R.T.: 4.424 min
Delta R.T.: 0.000 min
Response: 54769675
Conc: 1.91 ng/ml



#3 gamma-BHC (Lindane)

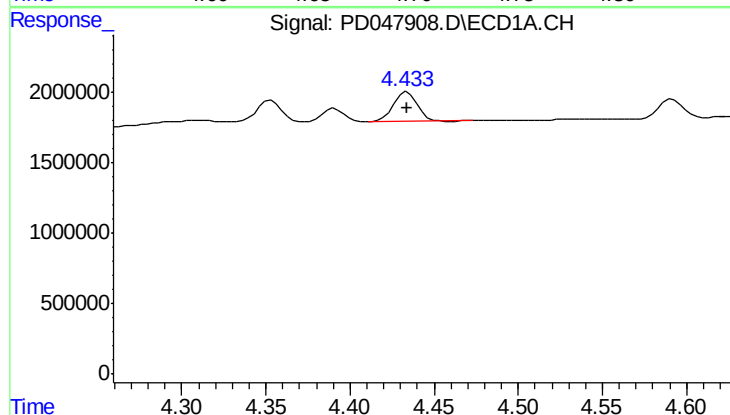
R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 2080141
Conc: 1.24 ng/ml

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



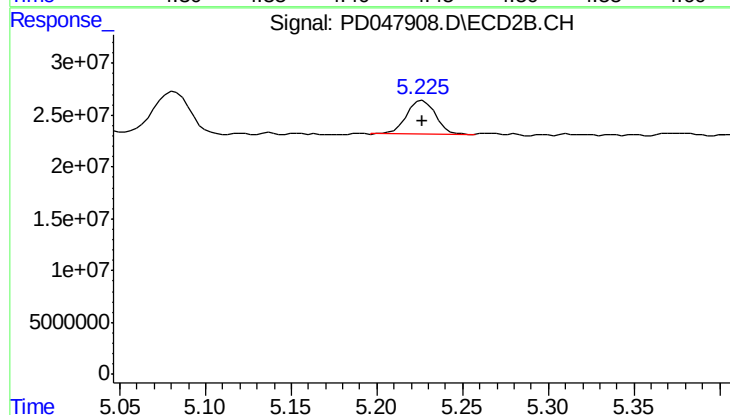
#3 gamma-BHC (Lindane)

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 30506317
Conc: 1.24 ng/ml



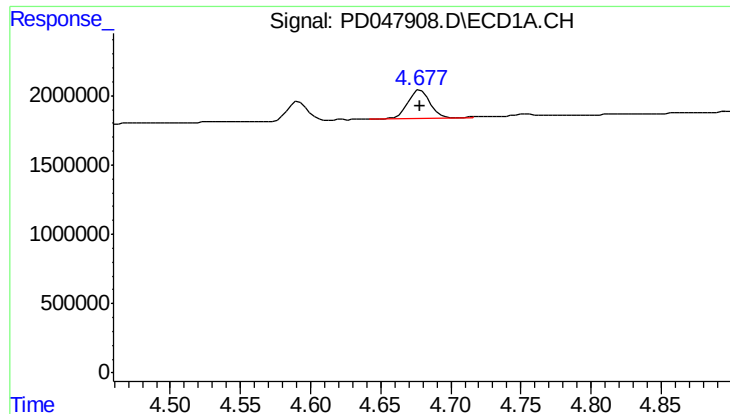
#4 Heptachlor

R.T.: 4.434 min
Delta R.T.: 0.000 min
Response: 2168889
Conc: 1.29 ng/ml



#4 Heptachlor

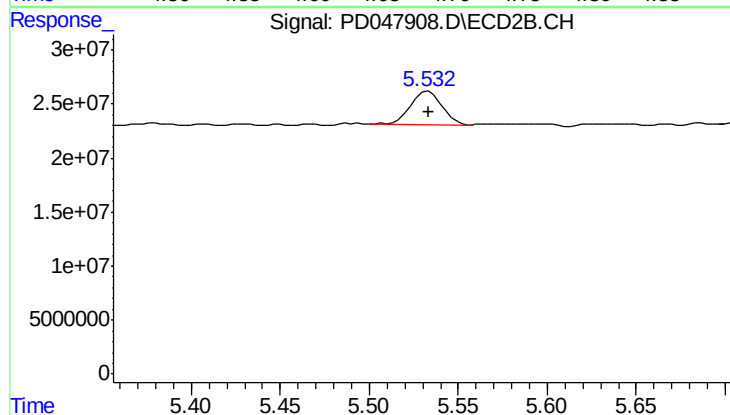
R.T.: 5.227 min
Delta R.T.: 0.000 min
Response: 39438262
Conc: 1.57 ng/ml



#5 Aldrin

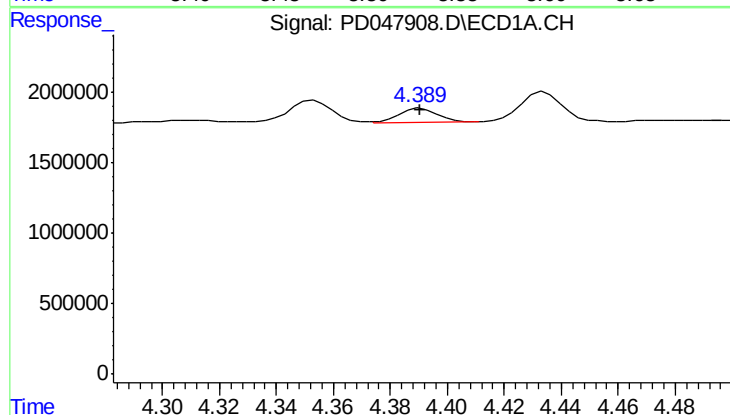
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 2238101
Conc: 1.38 ng/ml

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



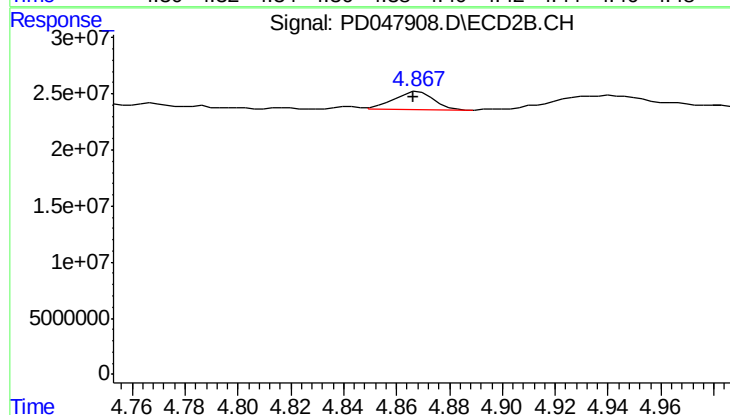
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 37485965
Conc: 1.57 ng/ml



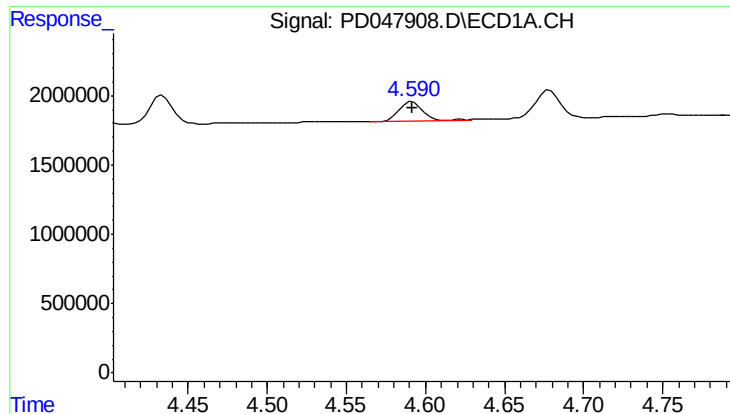
#6 beta-BHC

R.T.: 4.391 min
Delta R.T.: 0.000 min
Response: 966802
Conc: 1.35 ng/ml



#6 beta-BHC

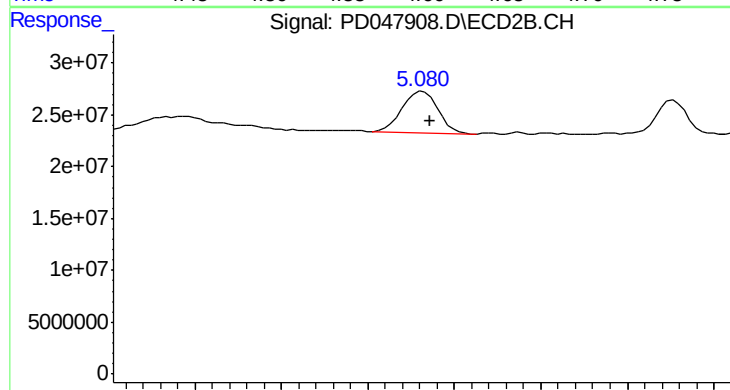
R.T.: 4.869 min
Delta R.T.: 0.002 min
Response: 16107327
Conc: 1.42 ng/ml



#7 delta-BHC

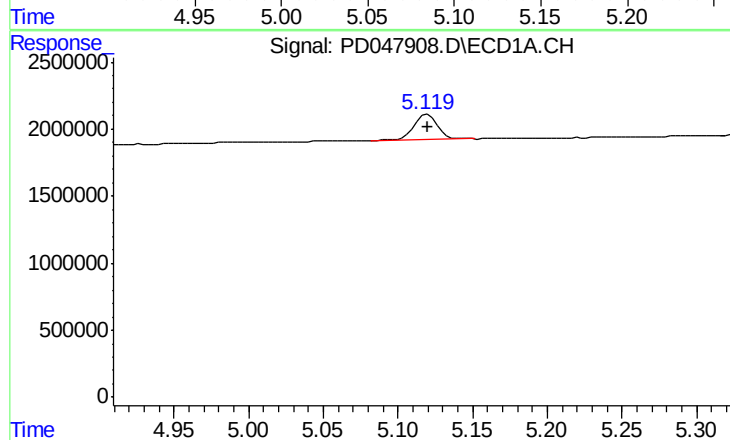
R.T.: 4.592 min
Delta R.T.: 0.000 min
Response: 1375246
Conc: 0.80 ng/ml

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



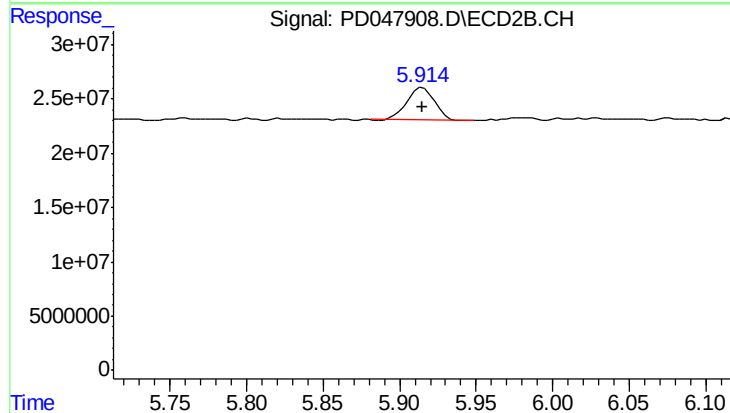
#7 delta-BHC

R.T.: 5.082 min
Delta R.T.: -0.004 min
Response: 59176037
Conc: 2.28 ng/ml



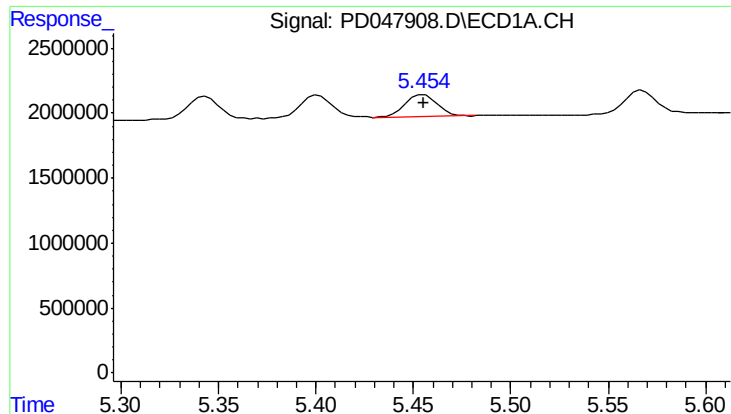
#8 Heptachlor epoxide

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1978042
Conc: 1.30 ng/ml



#8 Heptachlor epoxide

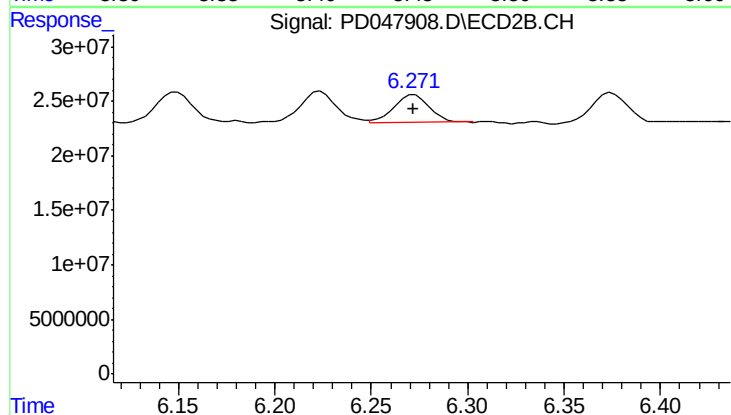
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 36978979
Conc: 1.66 ng/ml



#9 Endosulfan I

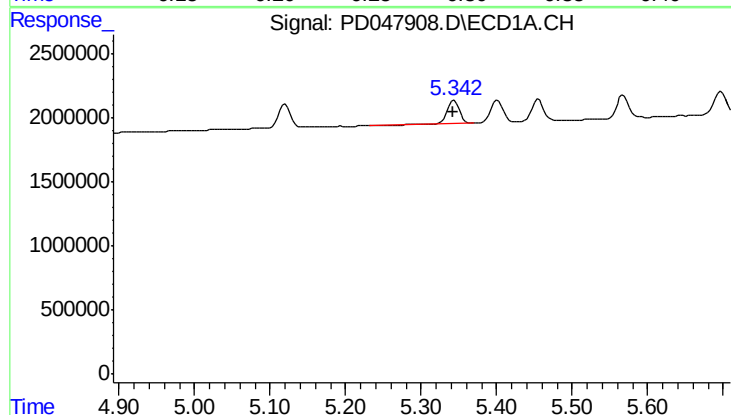
R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 1886928
Conc: 1.34 ng/ml

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



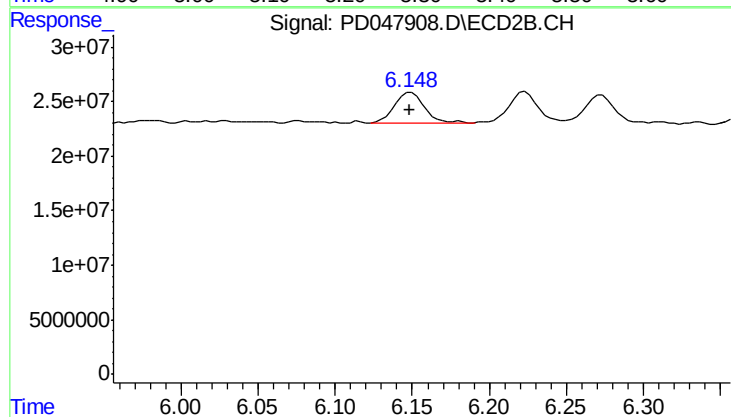
#9 Endosulfan I

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 32446455
Conc: 1.60 ng/ml



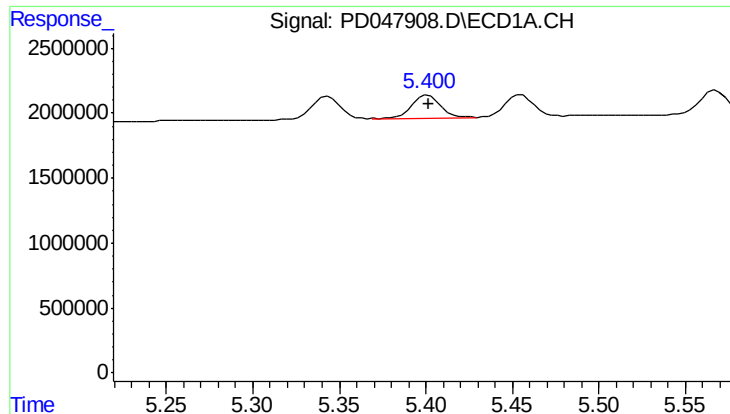
#10 gamma-Chlordane

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 1941408
Conc: 1.27 ng/ml



#10 gamma-Chlordane

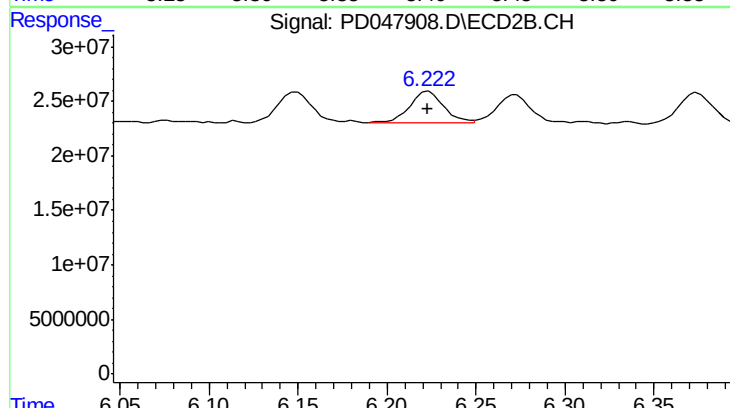
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 37972665
Conc: 1.66 ng/ml



#11 alpha-Chlordane

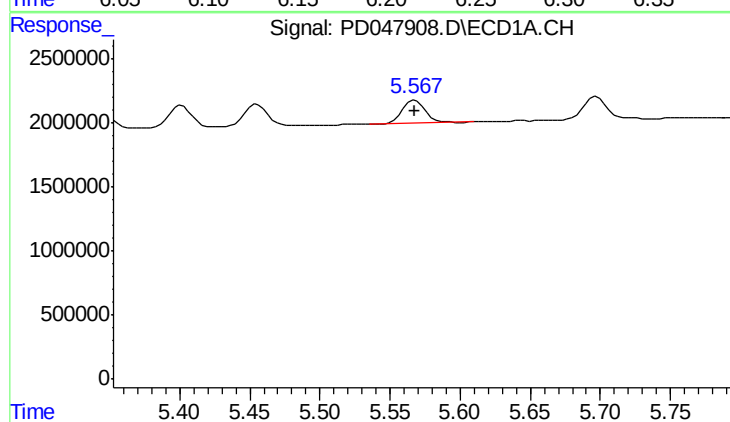
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 1946091
Conc: 1.30 ng/ml

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



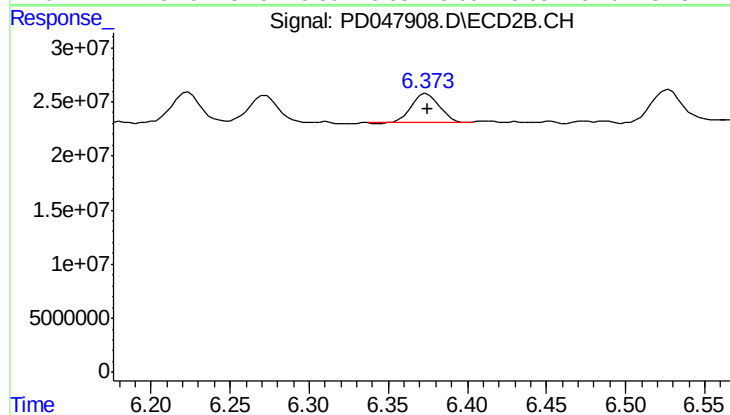
#11 alpha-Chlordane

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 37356408
Conc: 1.70 ng/ml



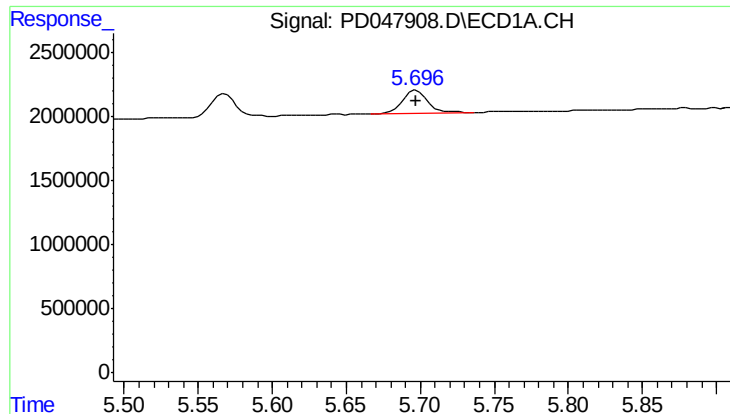
#12 4,4'-DDE

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 2146006
Conc: 1.39 ng/ml



#12 4,4'-DDE

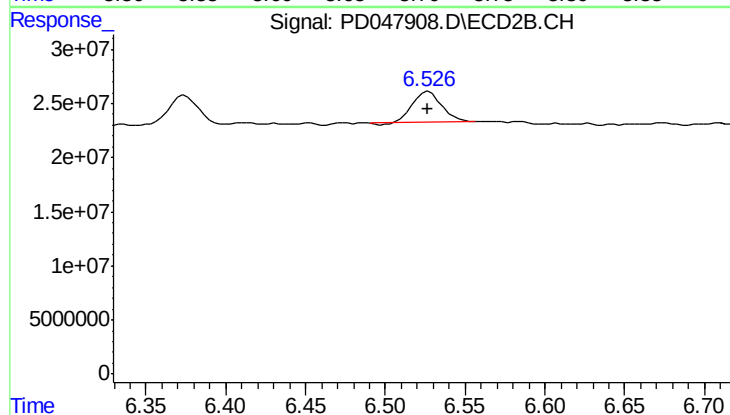
R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 31074904
Conc: 1.45 ng/ml



#13 Dielddrin

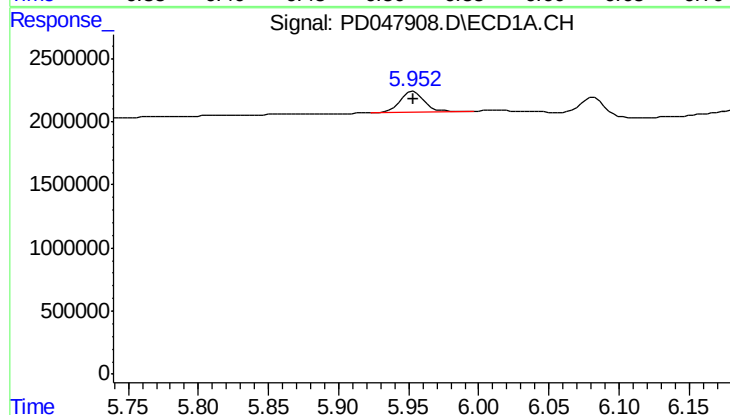
R.T.: 5.697 min
Delta R.T.: 0.000 min
Response: 2078920
Conc: 1.28 ng/ml

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



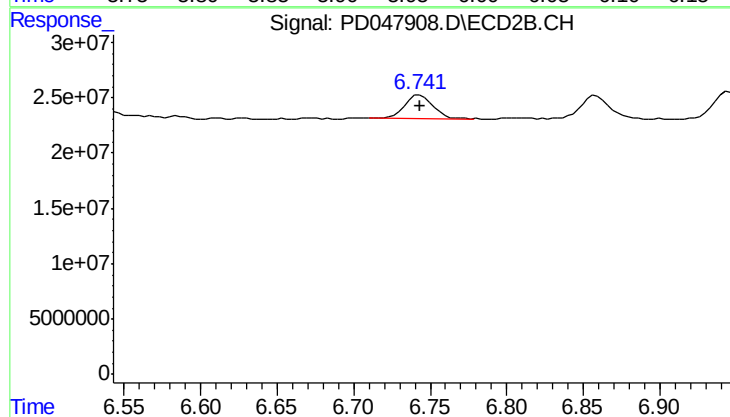
#13 Dielddrin

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 36101863
Conc: 1.63 ng/ml



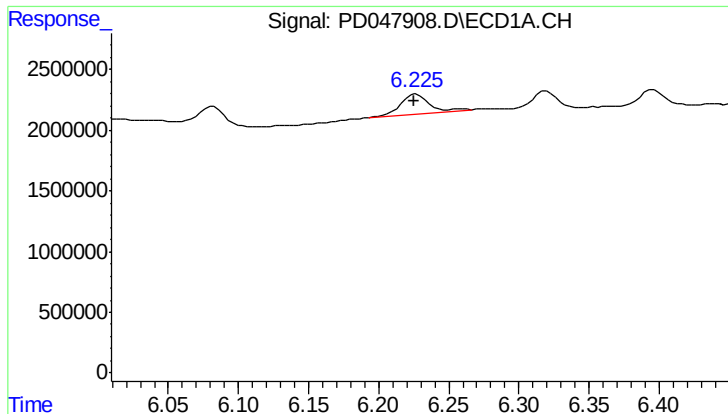
#14 Endrin

R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 1978819
Conc: 1.32 ng/ml



#14 Endrin

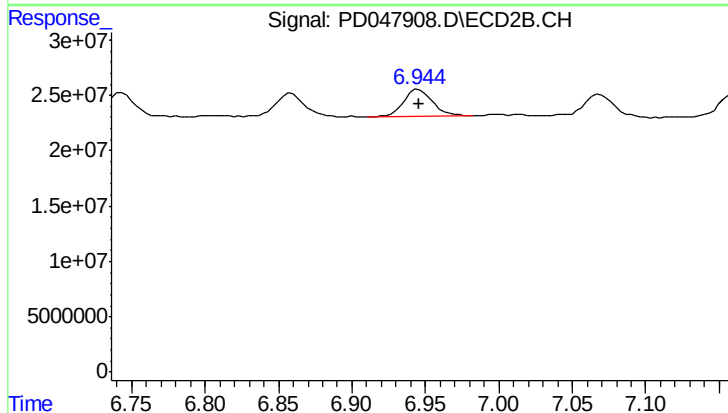
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 27022214
Conc: 1.46 ng/ml



#15 Endosulfan II

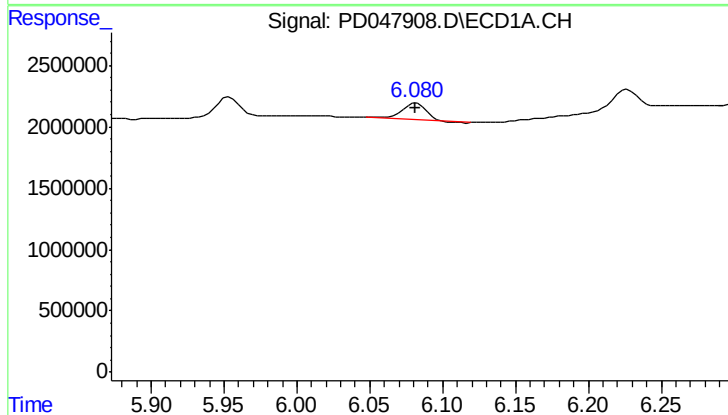
R.T.: 6.227 min
Delta R.T.: 0.002 min
Response: 2460445
Conc: 1.73 ng/ml

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



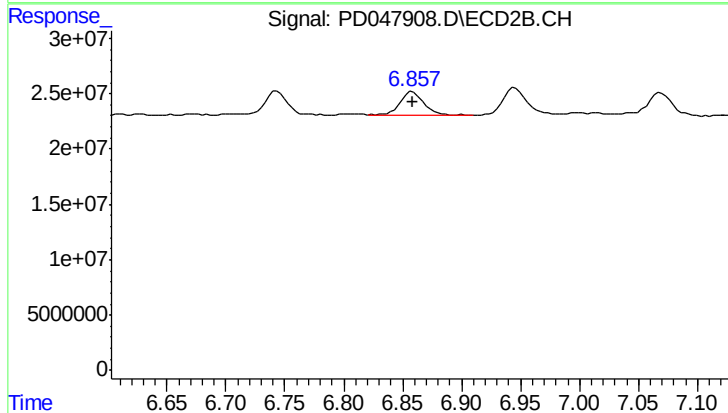
#15 Endosulfan II

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 34498757
Conc: 1.80 ng/ml



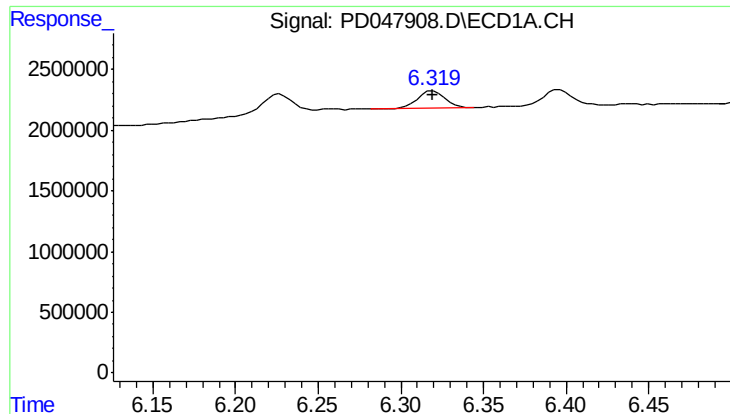
#16 4,4'-DDD

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 1468023
Conc: 1.12 ng/ml



#16 4,4'-DDD

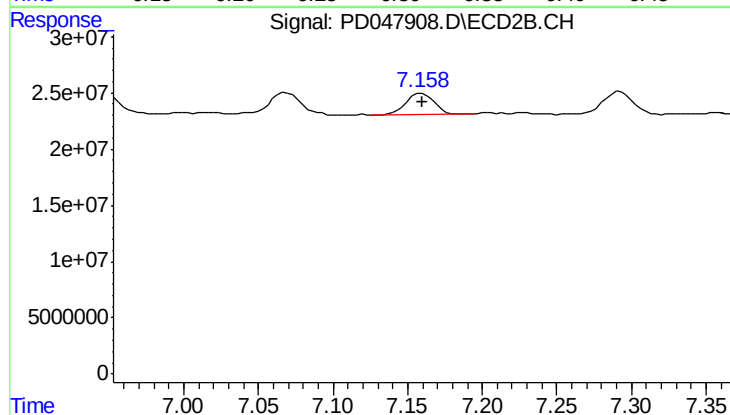
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 29074641
Conc: 1.64 ng/ml



#17 4,4'-DDT

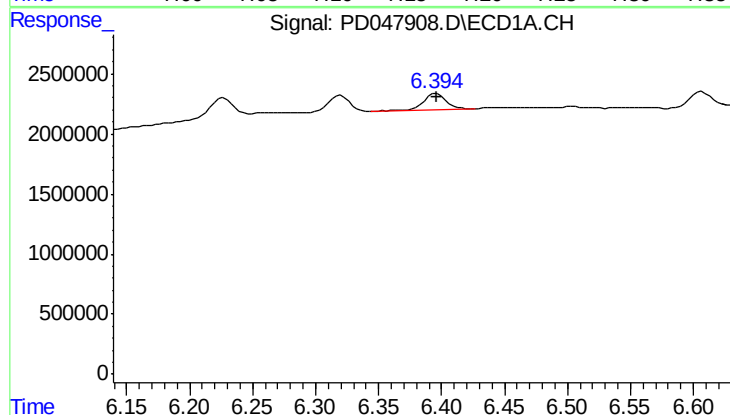
R.T.: 6.320 min
Delta R.T.: 0.000 min
Response: 1652807
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
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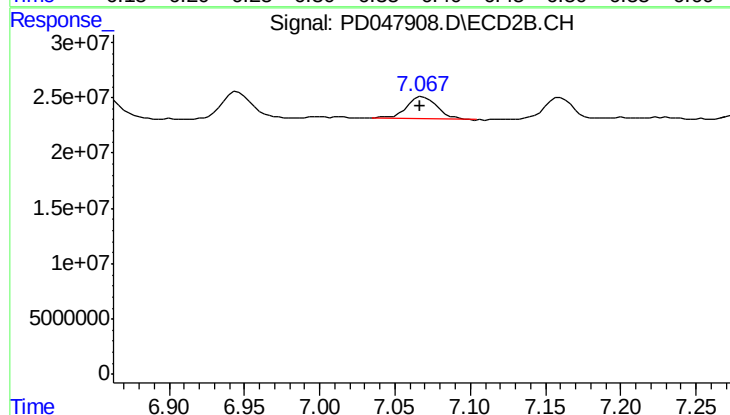
#17 4,4'-DDT

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 24139391
Conc: 1.43 ng/ml



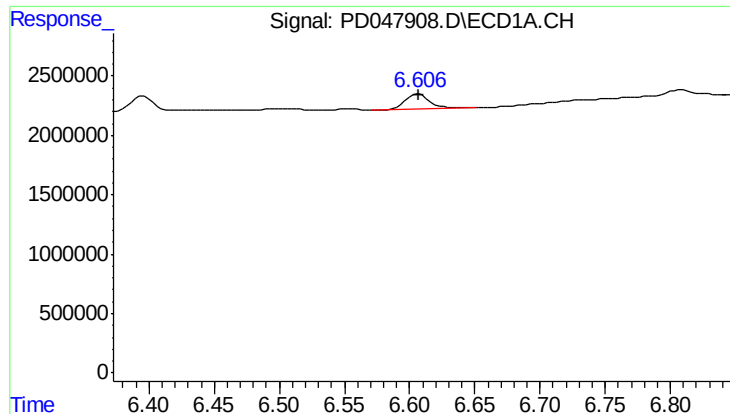
#18 Endrin aldehyde

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 1595325
Conc: 1.35 ng/ml



#18 Endrin aldehyde

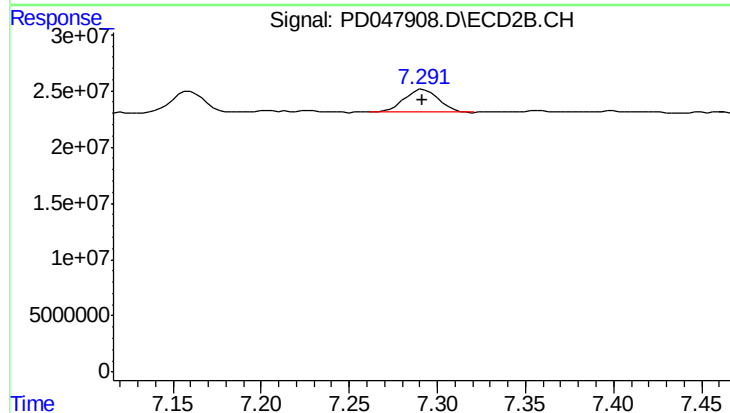
R.T.: 7.069 min
Delta R.T.: 0.002 min
Response: 28835055
Conc: 1.77 ng/ml



#19 Endosulfan Sulfate

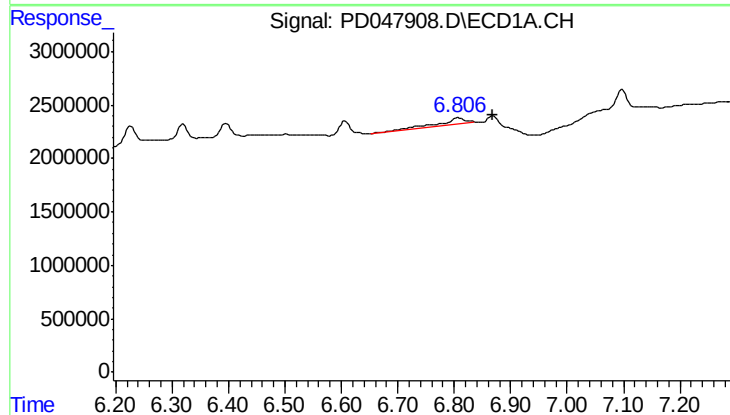
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1630495
Conc: 1.19 ng/ml

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



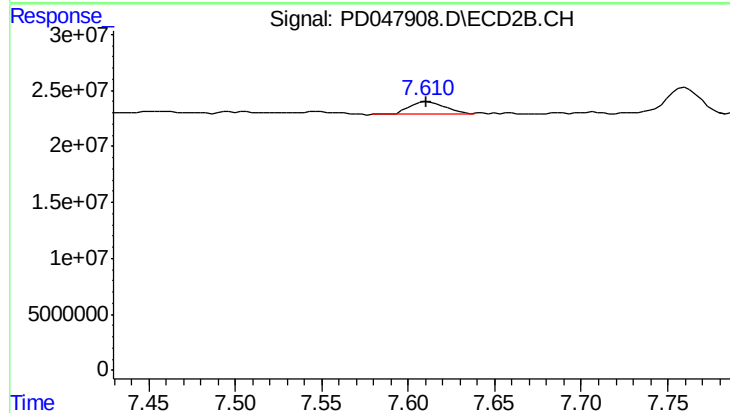
#19 Endosulfan Sulfate

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 28678401
Conc: 1.52 ng/ml



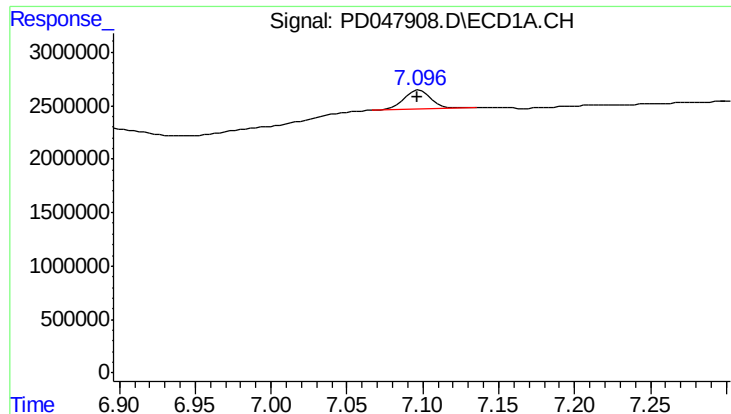
#20 Methoxychlor

R.T.: 6.808 min
Delta R.T.: -0.061 min
Response: 1807460
Conc: 2.31 ng/ml



#20 Methoxychlor

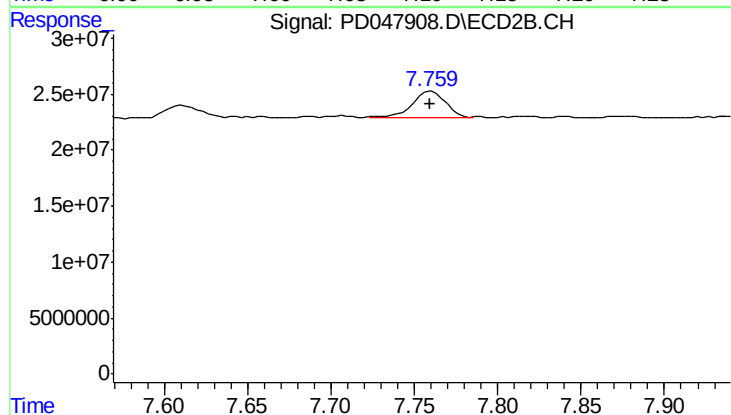
R.T.: 7.612 min
Delta R.T.: 0.001 min
Response: 16144064
Conc: 1.76 ng/ml



#21 Endrin ketone

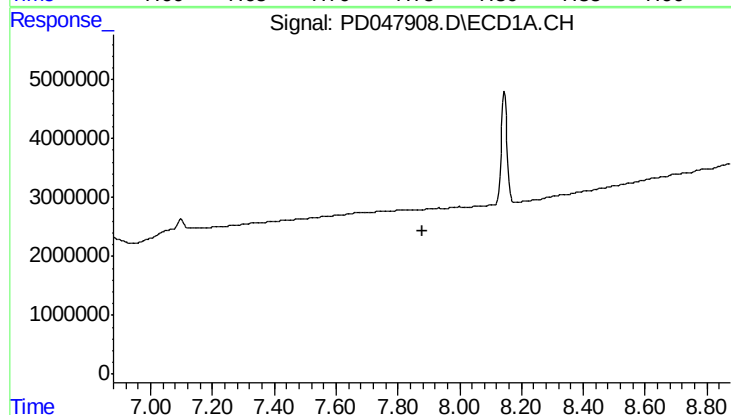
R.T.: 7.098 min
Delta R.T.: 0.001 min
Response: 2279651
Conc: 1.37 ng/ml

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



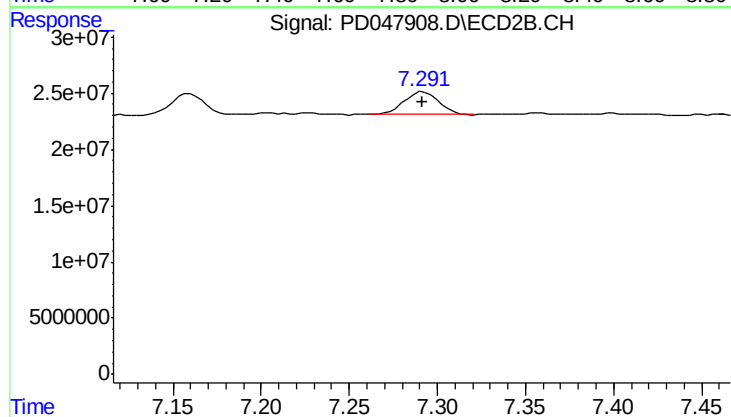
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: 0.001 min
Response: 31010276
Conc: 1.65 ng/ml



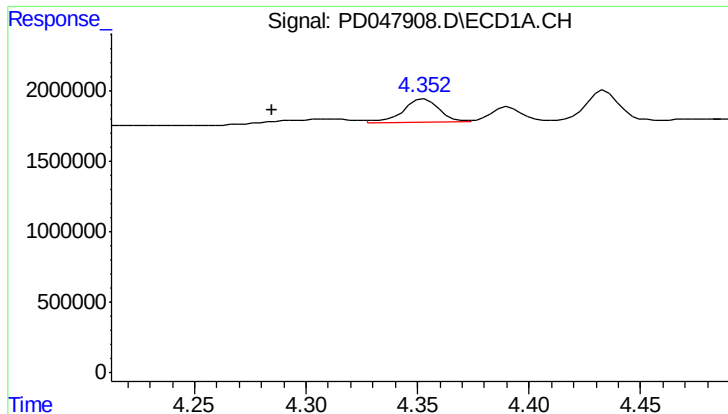
#22 Mirex

R.T.: 7.932 min
Delta R.T.: 0.054 min
Response: 6066505
Conc: N.D.



#22 Mirex

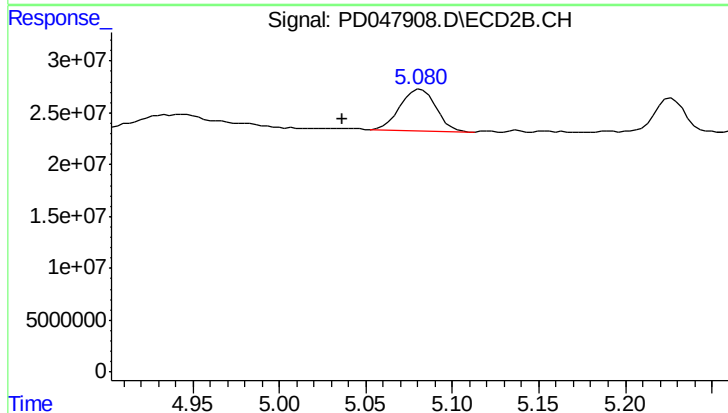
R.T.: 7.293 min
Delta R.T.: 0.001 min
Response: 28678401
Conc: 1.48 ng/ml



#23 Chlordane-1

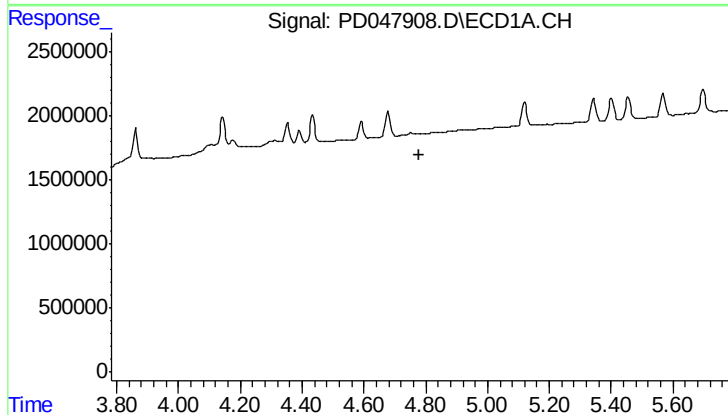
R.T.: 4.353 min
Delta R.T.: 0.068 min
Response: 1915220
Conc: 33.16 ng/ml

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



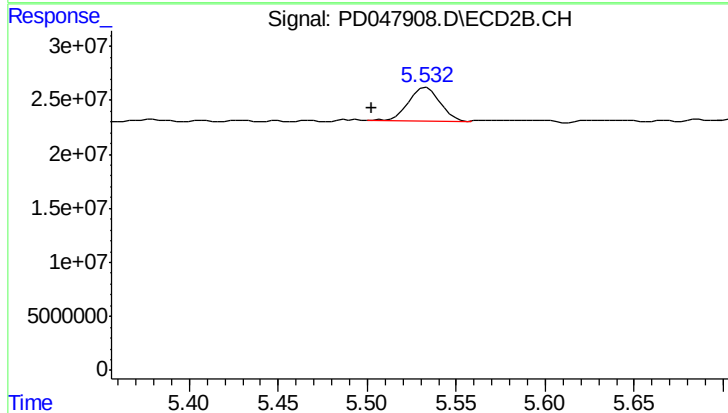
#23 Chlordane-1

R.T.: 5.082 min
Delta R.T.: 0.045 min
Response: 59176037
Conc: 58.13 ng/ml



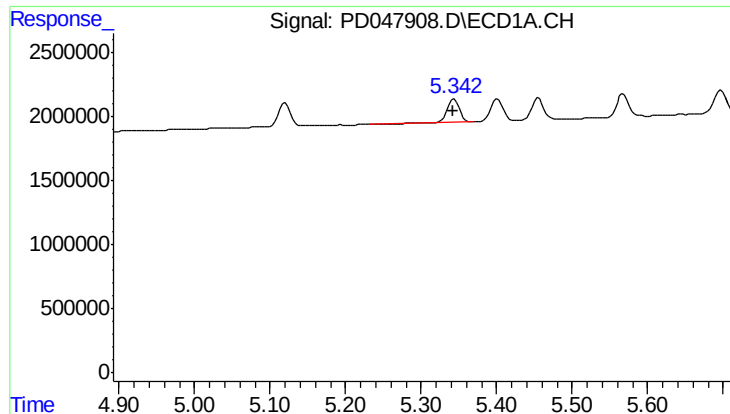
#24 Chlordane-2

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



#24 Chlordane-2

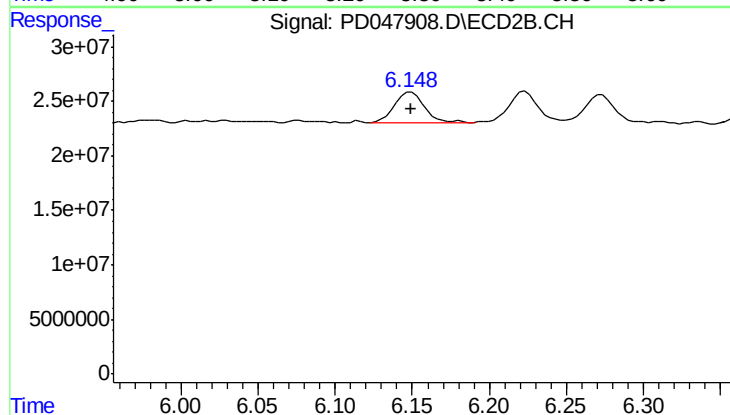
R.T.: 5.533 min
Delta R.T.: 0.031 min
Response: 37485965
Conc: 39.70 ng/ml



#25 Chlordane-3

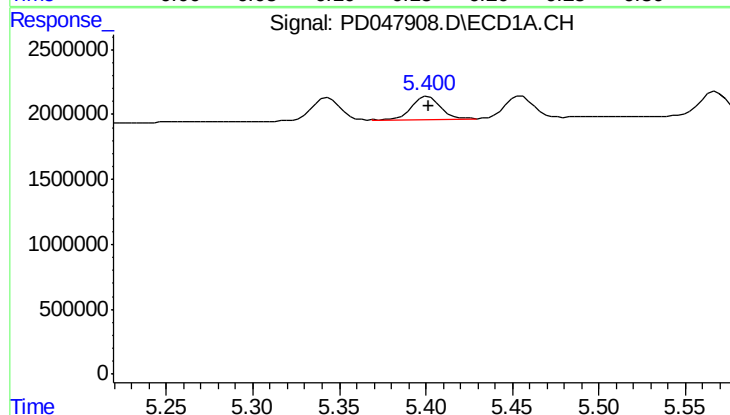
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 1941408
Conc: 10.81 ng/ml

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



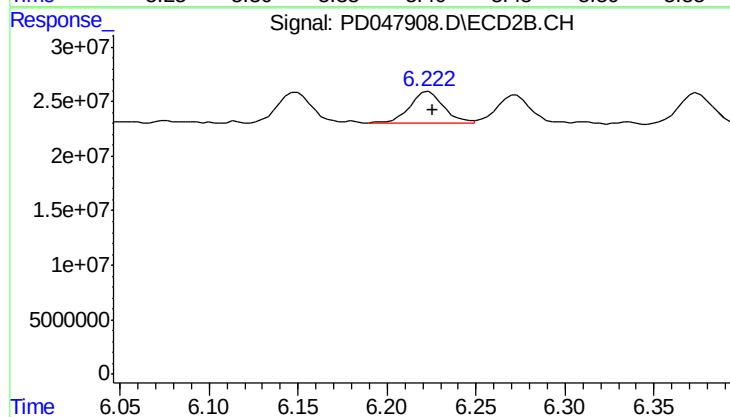
#25 Chlordane-3

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 37972665
Conc: 11.87 ng/ml



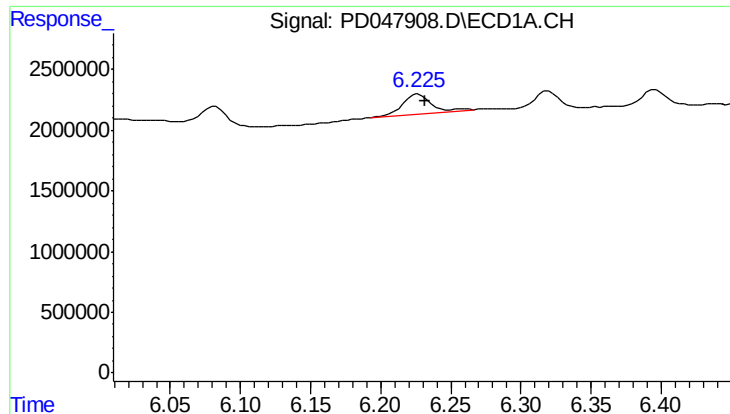
#26 Chlordane-4

R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 1946091
Conc: 12.23 ng/ml



#26 Chlordane-4

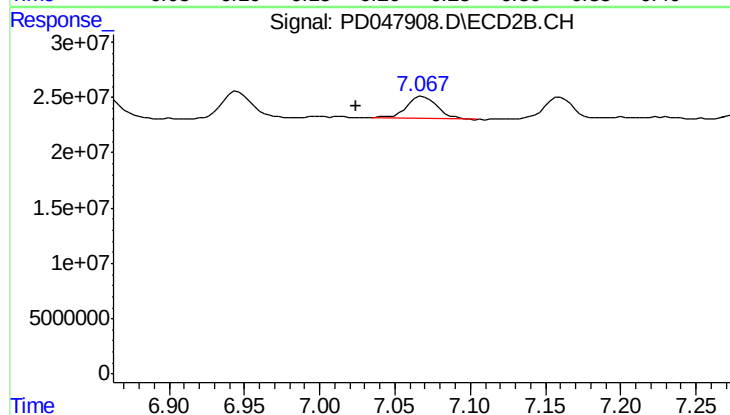
R.T.: 6.224 min
Delta R.T.: -0.002 min
Response: 37356408
Conc: 10.15 ng/ml



#27 Chlordane-5

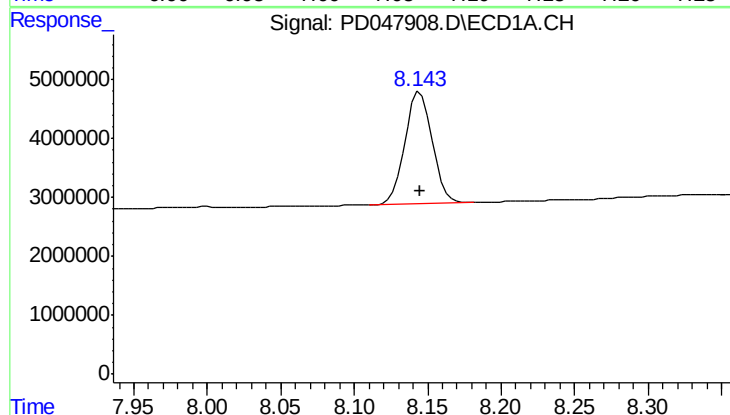
R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 2460445
Conc: 41.47 ng/ml

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



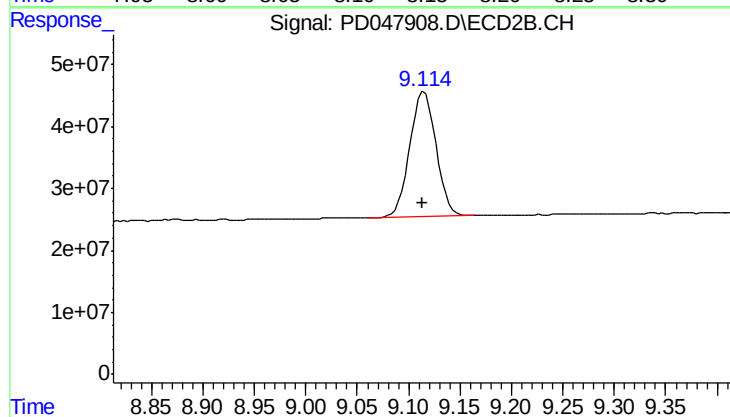
#27 Chlordane-5

R.T.: 7.069 min
Delta R.T.: 0.044 min
Response: 28835055
Conc: 34.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 24463701
Conc: 17.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 358031689
Conc: 21.01 ng/ml