

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF070225\
 Data File : FF016082.D
 Signal(s) : FID2B.ch
 Acq On : 02 Jul 2025 22:35
 Operator : YP\AJ
 Sample : Q2458-04MSD
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 TP-67MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2025
 Supervised By :mohammad ahmed 07/04/2025

Integration File: autoint1.e
 Quant Time: Jul 03 03:23:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
 Quant Title :
 QLast Update : Fri Jun 13 15:23:30 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1uL
 Signal Phase : Rxi-1ms
 Signal Info : 20mx0.18mmx0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S TETRACOSANE-d50 (SURR...	15.095	936958	7.760 ug/mlm
Target Compounds			
2) N-DECANE	4.617	1652035	12.609 ug/ml
3) N-DODECANE	6.793	1655067	12.429 ug/ml
4) N-TETRADECANE	8.626	1662370	12.404 ug/ml
5) N-HEXADECANE	10.235	1638345	12.131 ug/ml
6) N-OCTADECANE	11.681	1657295	11.955 ug/ml
7) N-EICOSANE	12.993	1684346	12.062 ug/ml
8) N-DOCOSANE	14.195	1628317	11.985 ug/ml
10) N-TETRACOSANE	15.300	1664765	12.283 ug/ml
11) N-HEXACOSANE	16.324	1593028	11.867 ug/ml
12) N-OCTACOSANE	17.276	1604280	12.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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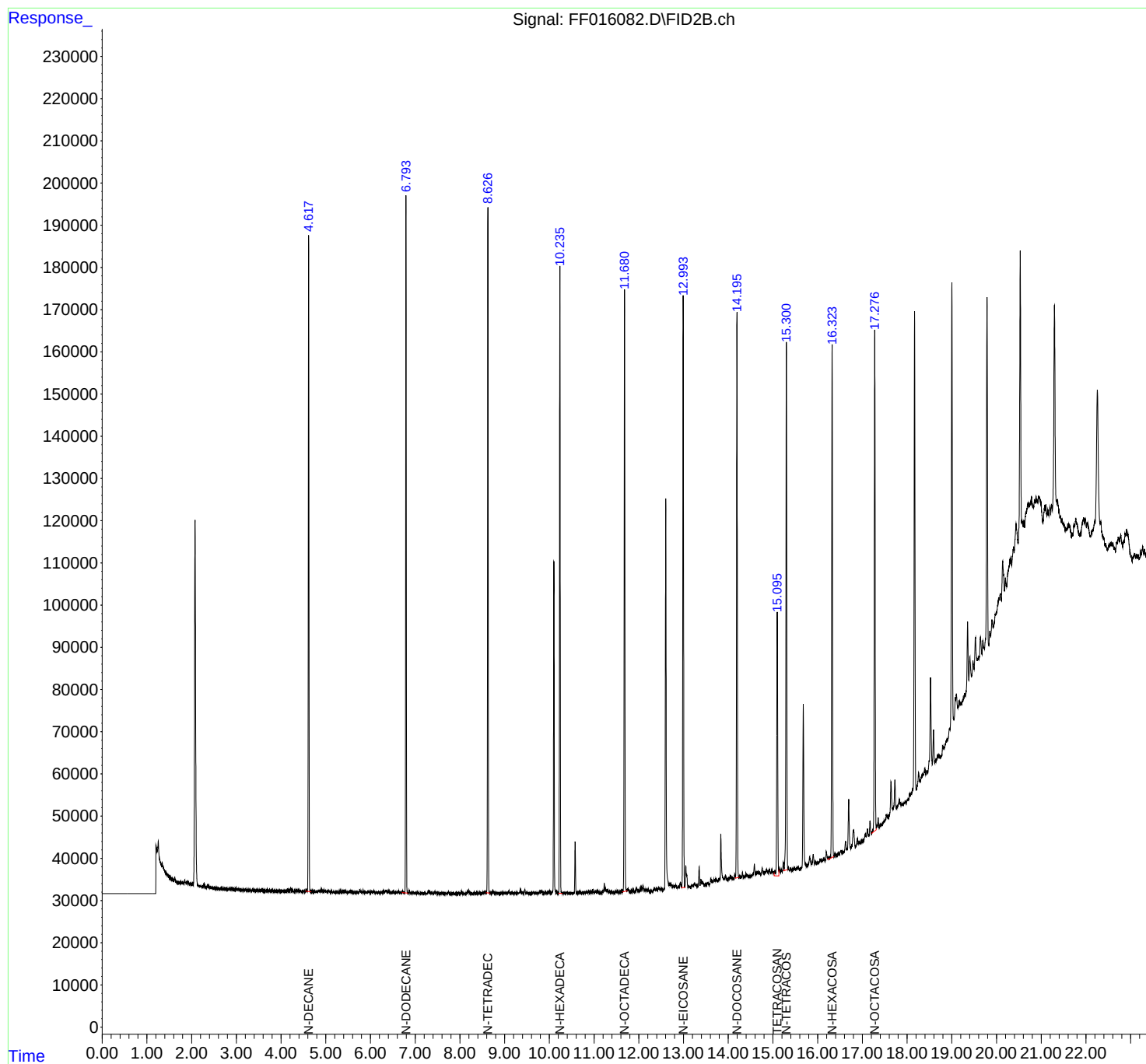
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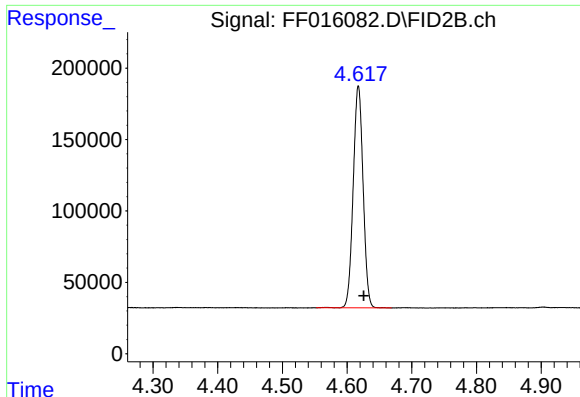
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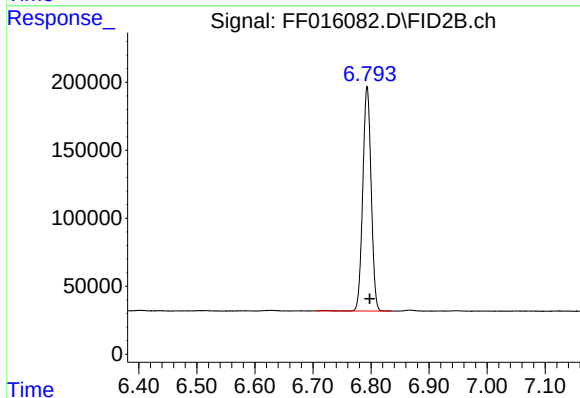
#2 N-DECANE

R.T.: 4.617 min
Delta R.T.: -0.008 min
Response: 1652035
Conc: 12.61 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-67MSD

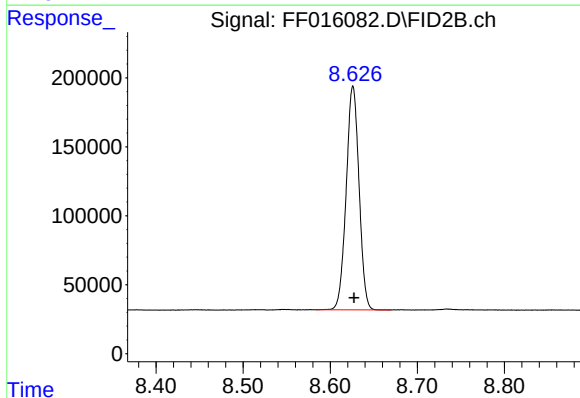
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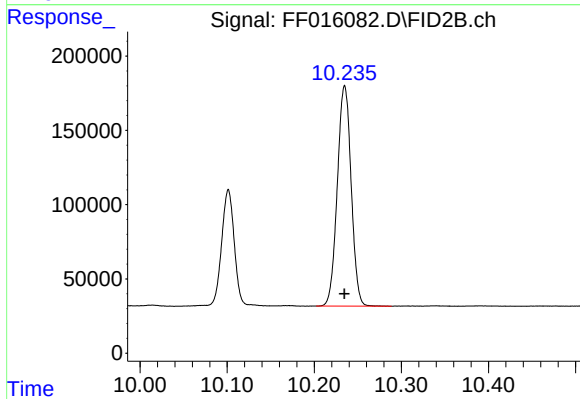
#3 N-DODECANE

R.T.: 6.793 min
Delta R.T.: -0.004 min
Response: 1655067
Conc: 12.43 ug/ml



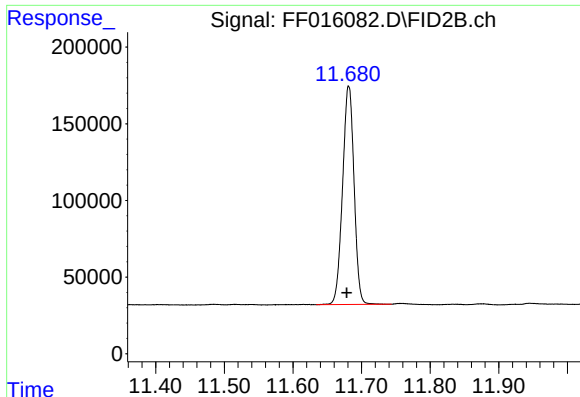
#4 N-TETRADECANE

R.T.: 8.626 min
Delta R.T.: -0.001 min
Response: 1662370
Conc: 12.40 ug/ml



#5 N-HEXADECANE

R.T.: 10.235 min
Delta R.T.: 0.000 min
Response: 1638345
Conc: 12.13 ug/ml



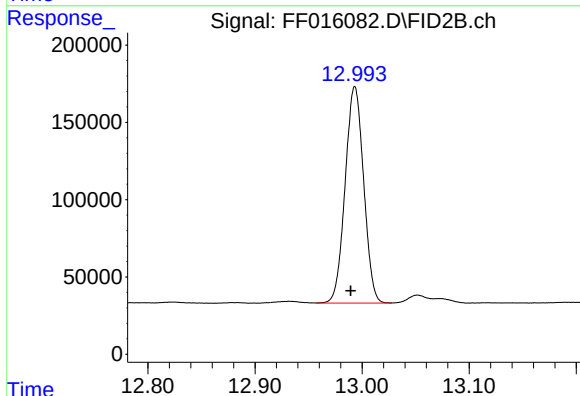
#6 N-OCTADECANE

R.T.: 11.681 min
Delta R.T.: 0.003 min
Response: 1657295
Conc: 11.95 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-67MSD

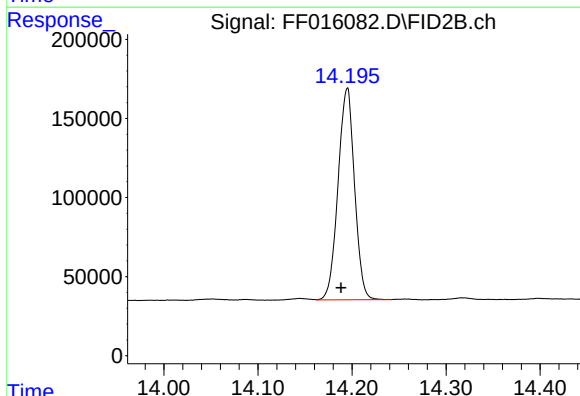
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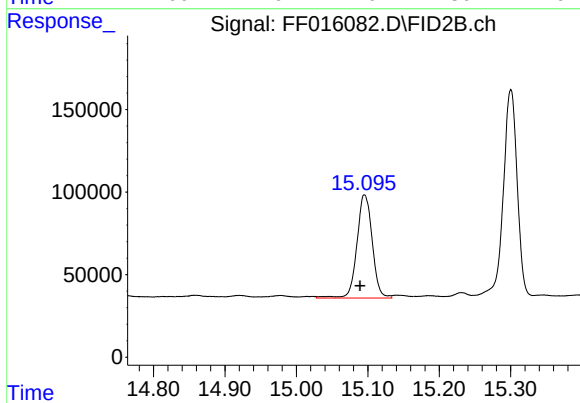
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.004 min
Response: 1684346
Conc: 12.06 ug/ml



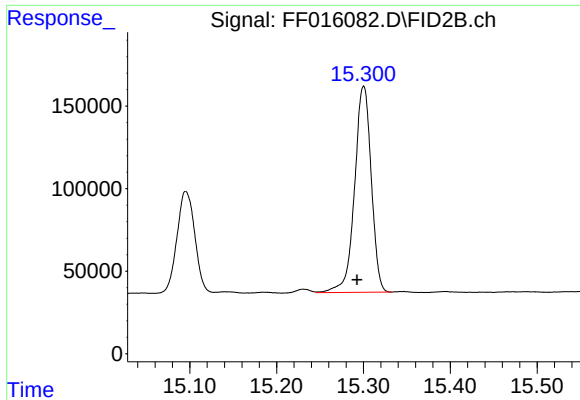
#8 N-DOCOSANE

R.T.: 14.195 min
Delta R.T.: 0.007 min
Response: 1628317
Conc: 11.98 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.095 min
Delta R.T.: 0.005 min
Response: 936958
Conc: 7.76 ug/ml m



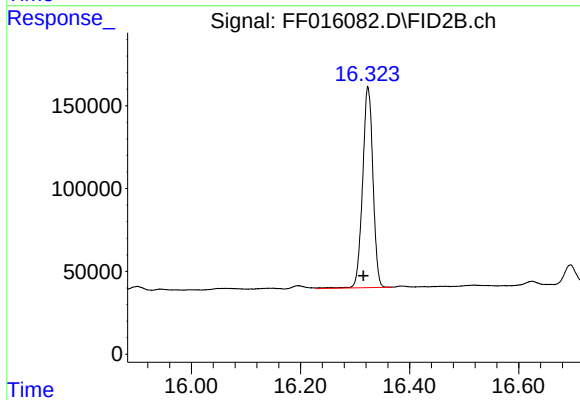
#10 N-TETRACOSANE

R.T.: 15.300 min
Delta R.T.: 0.007 min
Response: 1664765
Conc: 12.28 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-67MSD

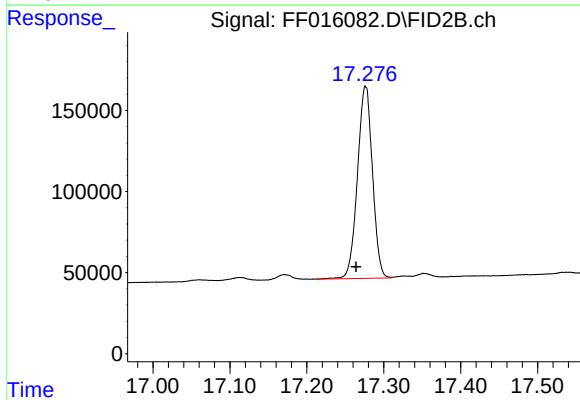
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#11 N-HEXACOSANE

R.T.: 16.324 min
Delta R.T.: 0.008 min
Response: 1593028
Conc: 11.87 ug/ml



#12 N-OCTACOSANE

R.T.: 17.276 min
Delta R.T.: 0.012 min
Response: 1604280
Conc: 12.15 ug/ml