

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013125\
 Data File : FE052172.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jan 2025 12:38
 Operator : YP\AJ
 Sample : PB166415BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166415BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Feb 03 00:08:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE012325.M
 Quant Title :
 QLast Update : Fri Jan 24 03:06:38 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...	15.269	1871130	18.787 ug/mlm
Target Compounds			
2) N-DECANE	4.930	1667496	18.223 ug/ml
3) N-DODECANE	7.056	1831391	18.329 ug/ml
4) N-TETRADECANE	8.860	1960262	19.266 ug/ml
5) N-HEXADECANE	10.452	2054144	19.277 ug/ml
6) N-OCTADECANE	11.884	2140266	19.089 ug/mlm
7) N-EICOSANE	13.186	2185174	19.619 ug/ml
8) N-DOCOSANE	14.376	2128002	19.166 ug/ml
10) N-TETRACOSANE	15.474	2117307	19.142 ug/ml
11) N-HEXACOSANE	16.490	2103127	19.293 ug/ml
12) N-OCTACOSANE	17.436	2070572	19.183 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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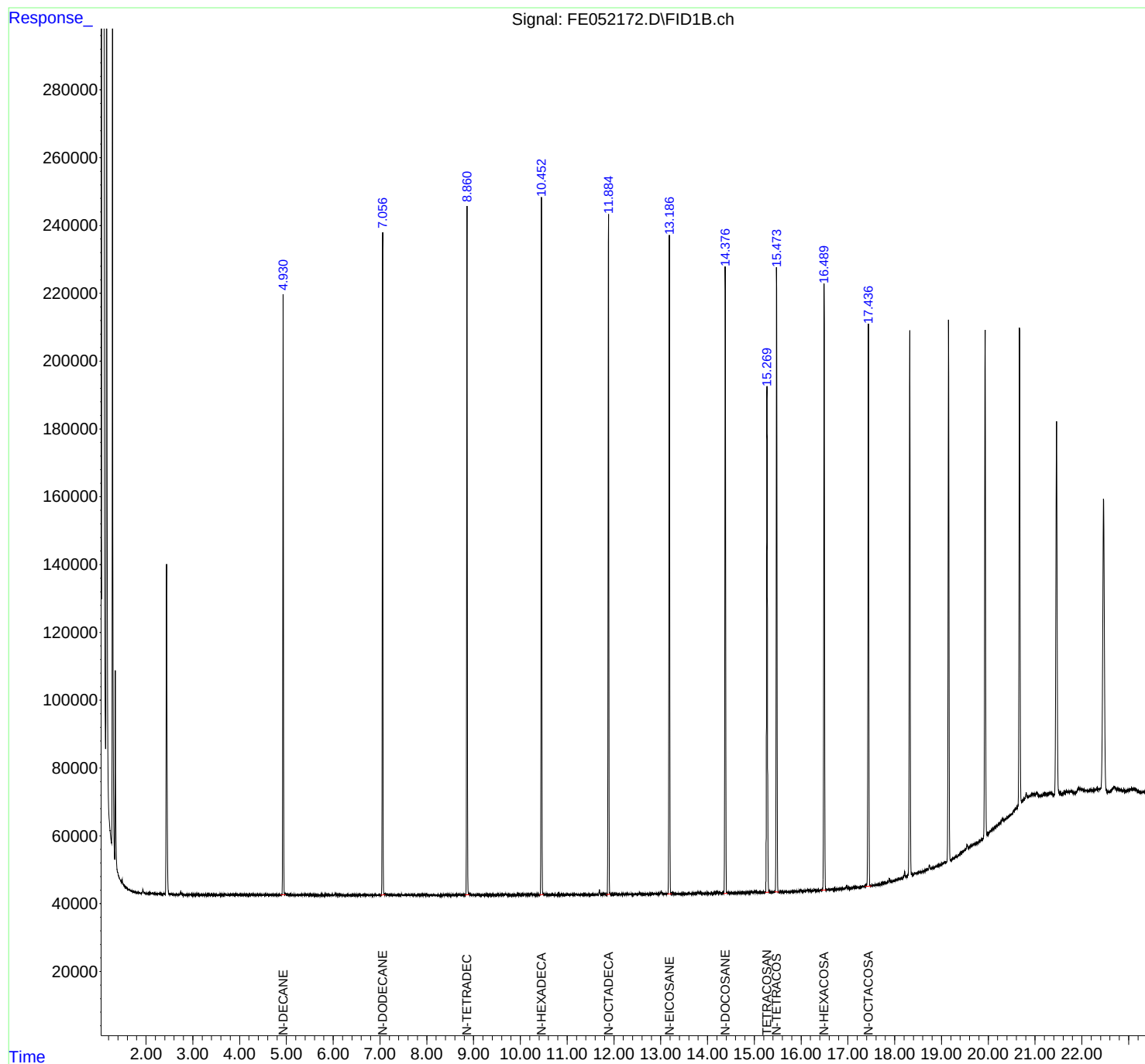
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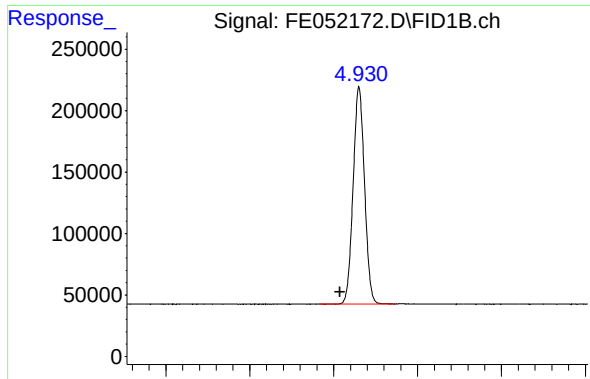
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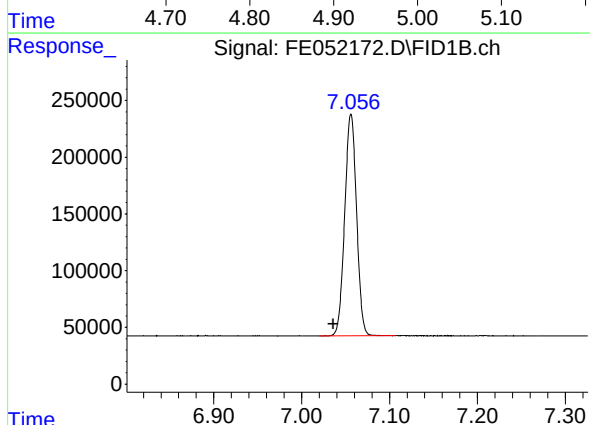
#2 N-DECANE

R.T.: 4.930 min
Delta R.T.: 0.023 min
Response: 1667496
Conc: 18.22 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166415BS

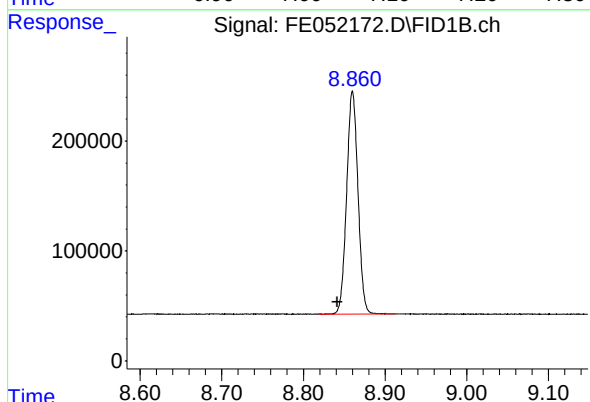
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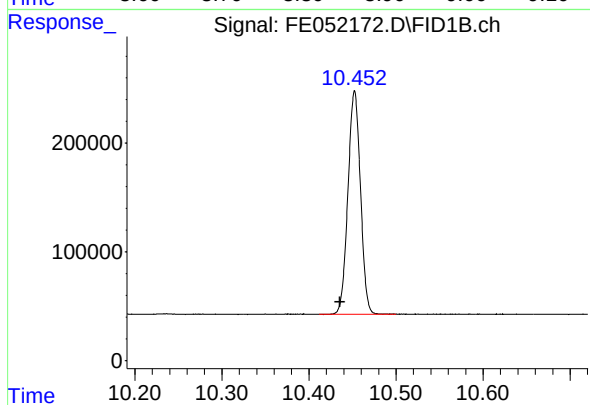
#3 N-DODECANE

R.T.: 7.056 min
Delta R.T.: 0.020 min
Response: 1831391
Conc: 18.33 ug/ml



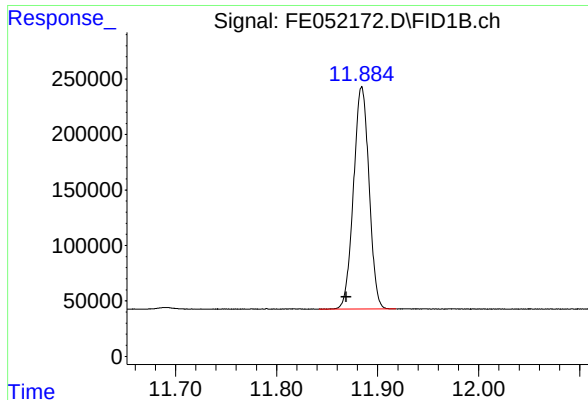
#4 N-TETRADECANE

R.T.: 8.860 min
Delta R.T.: 0.018 min
Response: 1960262
Conc: 19.27 ug/ml



#5 N-HEXADECANE

R.T.: 10.452 min
Delta R.T.: 0.017 min
Response: 2054144
Conc: 19.28 ug/ml



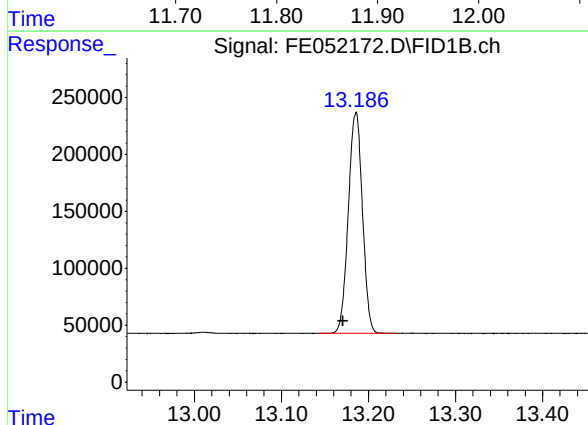
#6 N-OCTADECANE

R.T.: 11.884 min
Delta R.T.: 0.015 min
Response: 2140266
Conc: 19.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166415BS

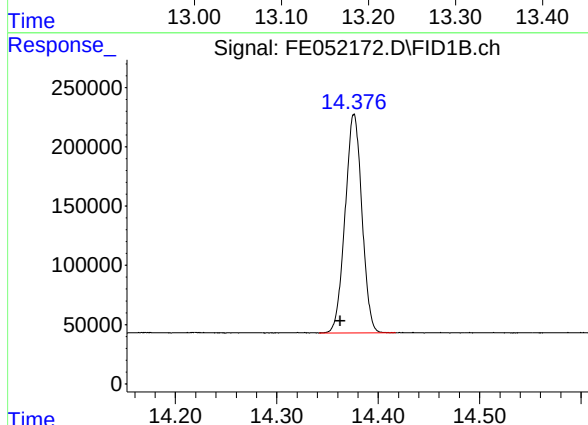
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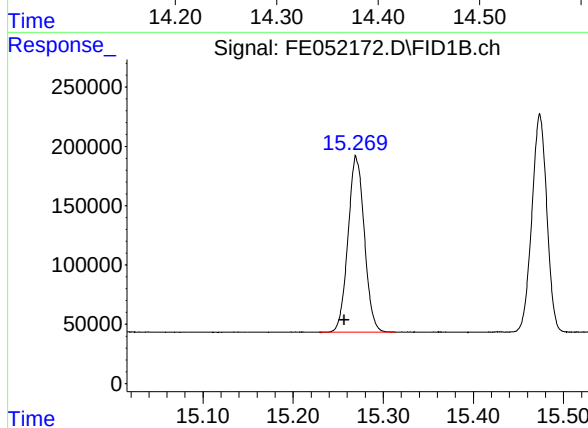
#7 N-EICOSANE

R.T.: 13.186 min
Delta R.T.: 0.015 min
Response: 2185174
Conc: 19.62 ug/ml



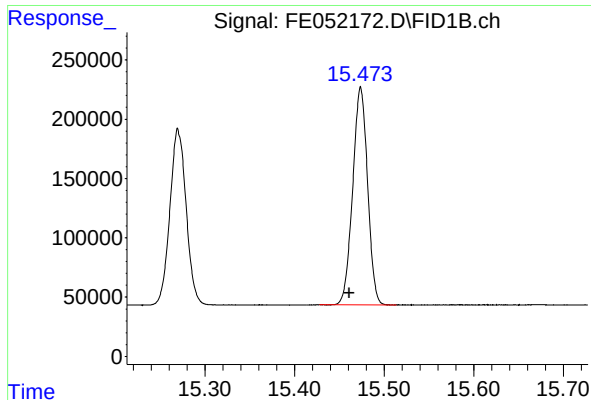
#8 N-DOCOSANE

R.T.: 14.376 min
Delta R.T.: 0.014 min
Response: 2128002
Conc: 19.17 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.269 min
Delta R.T.: 0.012 min
Response: 1871130
Conc: 18.79 ug/ml m



#10 N-TETRACOSANE

R.T.: 15.474 min
Delta R.T.: 0.013 min
Response: 2117307
Conc: 19.14 ug/ml

Instrument :

FID_E

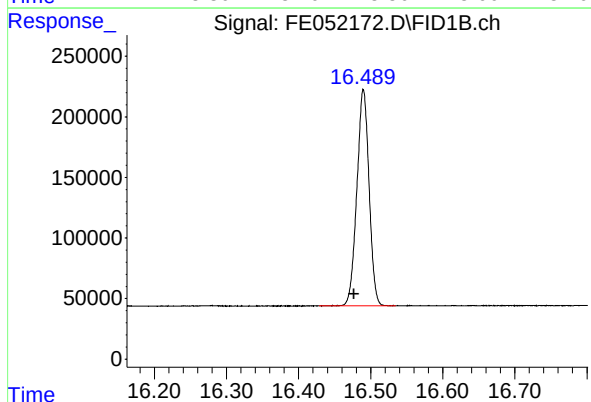
ClientSampleId :

PB166415BS

Manual Integrations

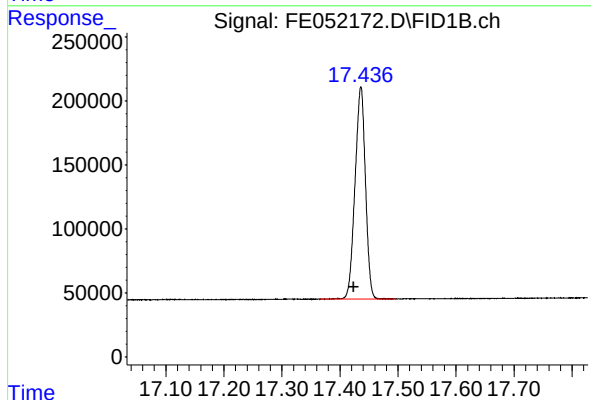
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#11 N-HEXACOSANE

R.T.: 16.490 min
Delta R.T.: 0.013 min
Response: 2103127
Conc: 19.29 ug/ml



#12 N-OCTACOSANE

R.T.: 17.436 min
Delta R.T.: 0.013 min
Response: 2070572
Conc: 19.18 ug/ml