

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG012523\
 Data File : FG011299.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jan 2023 16:33
 Operator : YP\AJ
 Sample : 01270-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 JC-1-012323MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/26/2023
 Supervised By :Ankita Jodhani 01/26/2023

Integration File: autoint1.e
 Quant Time: Jan 26 04:33:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG123022.M
 Quant Title :
 QLast Update : Mon Jan 02 04:44:41 2023
 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...	15.091	2269197	14.808 ug/mlm
Target Compounds			
2) N-DECANE	4.598	2336501	13.481 ug/ml
3) N-DODECANE	6.771	3604098	20.428 ug/ml
4) N-TETRADECANE	8.604	4313262	24.189 ug/ml
5) N-HEXADECANE	10.219	4358277	24.026 ug/ml
6) N-OCTADECANE	11.668	3803111	20.718 ug/ml
7) N-EICOSANE	12.984	4128414	22.986 ug/ml
8) N-DOCOSANE	14.187	3131025	17.715 ug/ml
10) N-TETRACOSANE	15.293	7453243	42.714 ug/mlm
11) N-HEXACOSANE	16.325	3214352	18.869 ug/mlm
12) N-OCTACOSANE	17.216	6581577	40.018 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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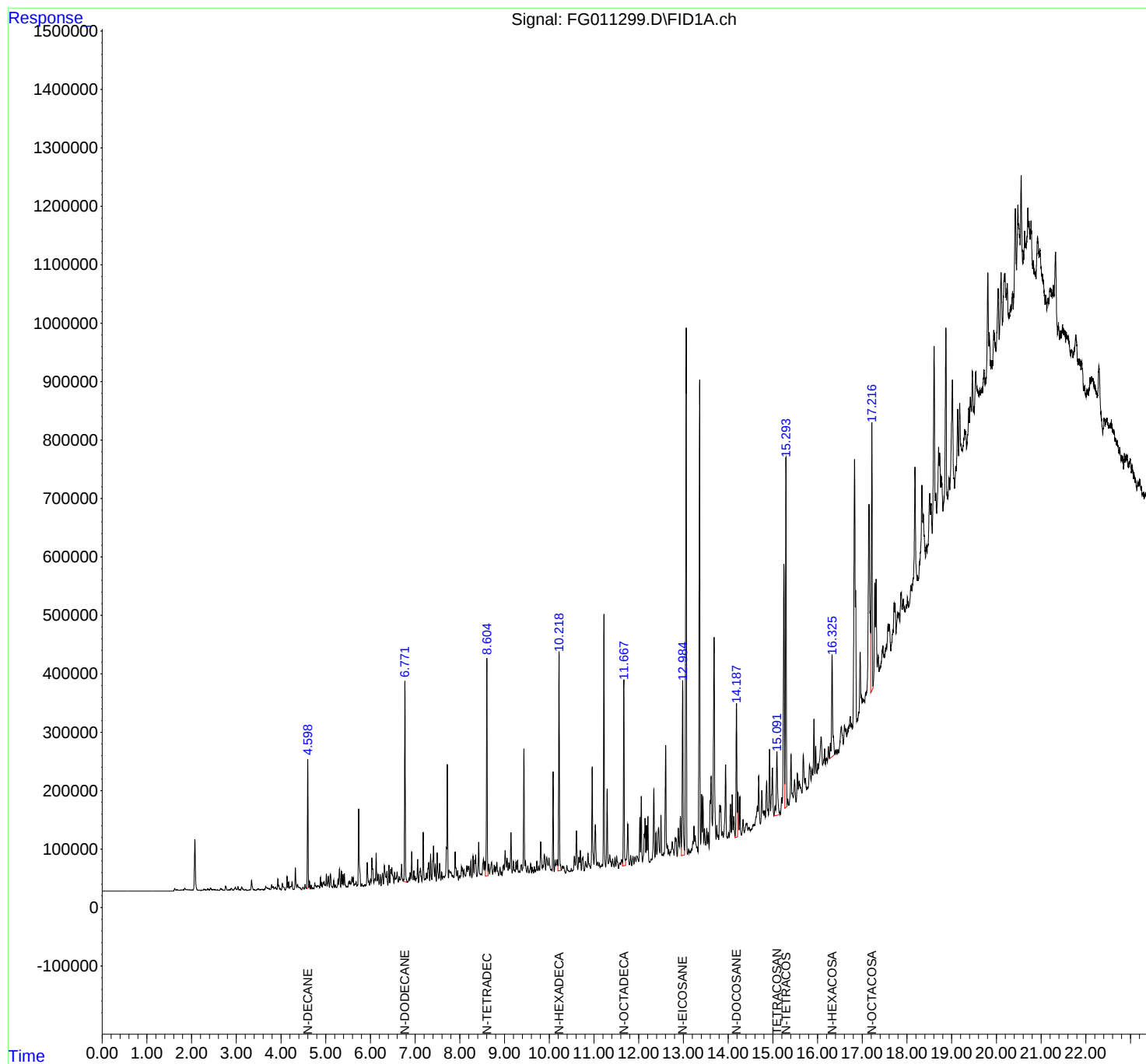
Instrument :
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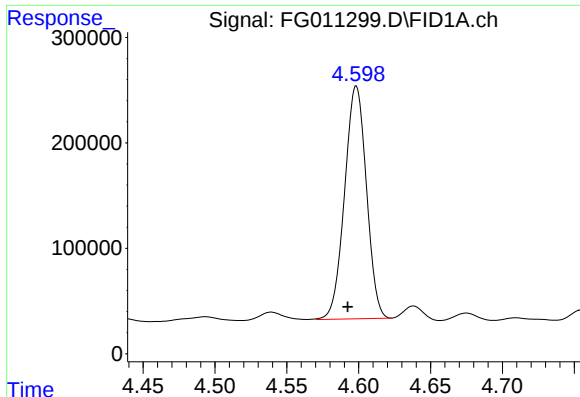
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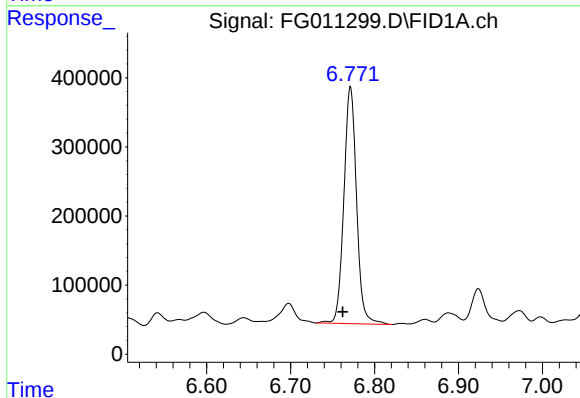
#2 N-DECANE

R.T.: 4.598 min
Delta R.T.: 0.006 min
Response: 2336501
Conc: 13.48 ug/ml

Instrument :
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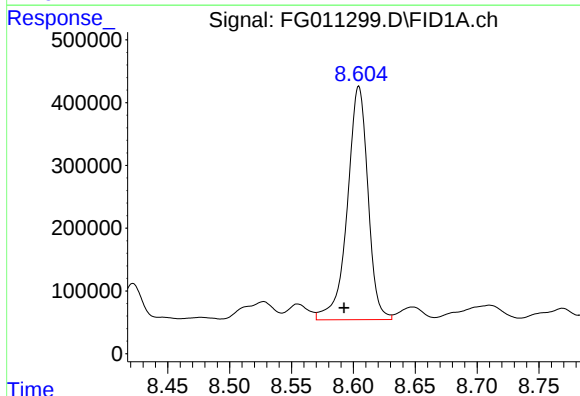
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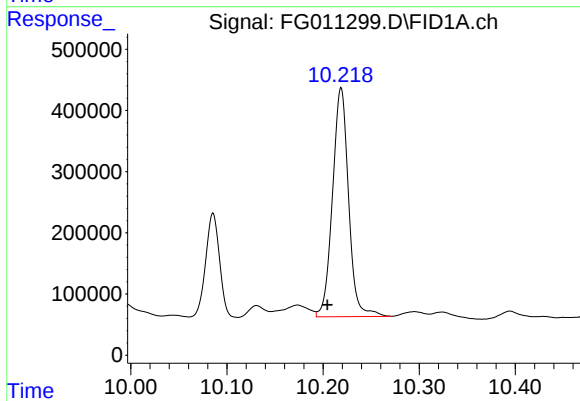
#3 N-DODECANE

R.T.: 6.771 min
Delta R.T.: 0.009 min
Response: 3604098
Conc: 20.43 ug/ml



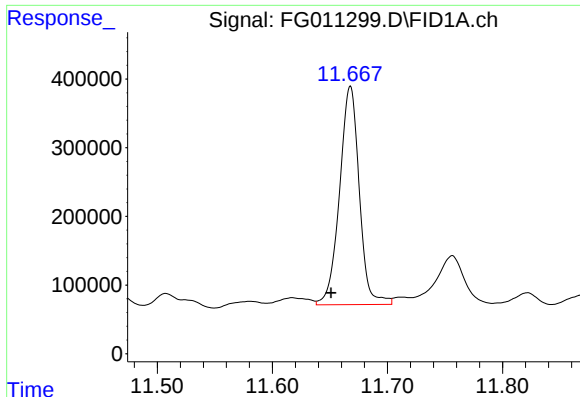
#4 N-TETRADECANE

R.T.: 8.604 min
Delta R.T.: 0.012 min
Response: 4313262
Conc: 24.19 ug/ml



#5 N-HEXADECANE

R.T.: 10.219 min
Delta R.T.: 0.014 min
Response: 4358277
Conc: 24.03 ug/ml



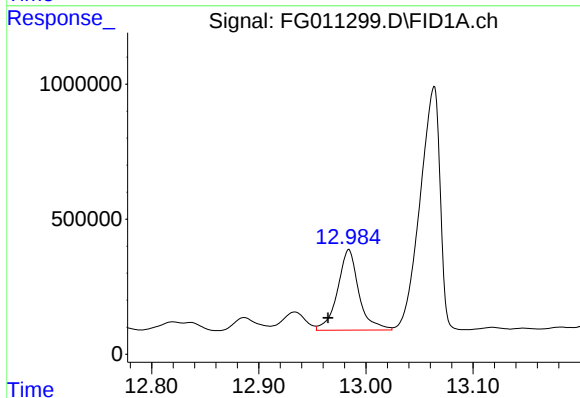
#6 N-OCTADECANE

R.T.: 11.668 min
Delta R.T.: 0.017 min
Response: 3803111
Conc: 20.72 ug/ml

Instrument :
FID_G
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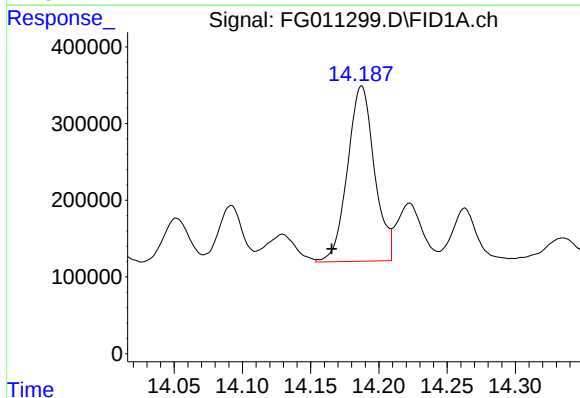
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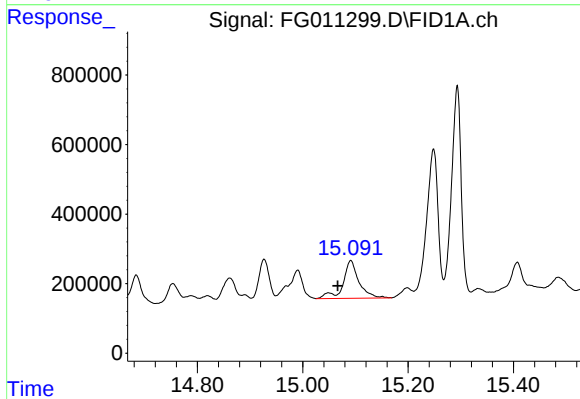
#7 N-EICOSANE

R.T.: 12.984 min
Delta R.T.: 0.019 min
Response: 4128414
Conc: 22.99 ug/ml



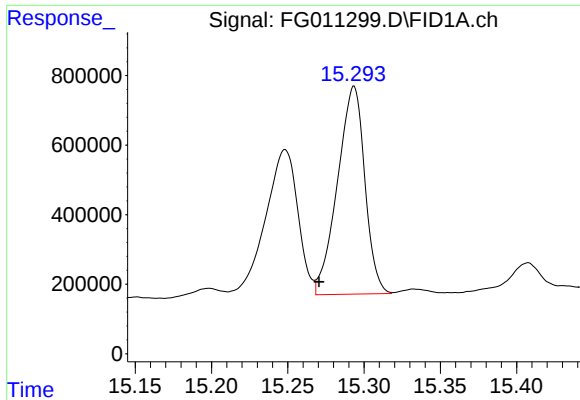
#8 N-DOCOSANE

R.T.: 14.187 min
Delta R.T.: 0.022 min
Response: 3131025
Conc: 17.72 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.091 min
Delta R.T.: 0.025 min
Response: 2269197
Conc: 14.81 ug/ml m



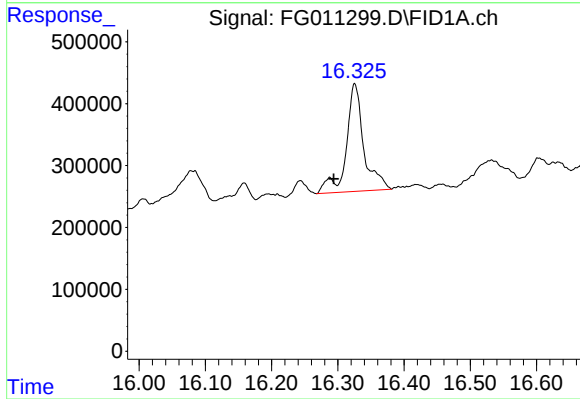
#10 N-TETRACOSANE

R.T.: 15.293 min
Delta R.T.: 0.023 min
Response: 7453243
Conc: 42.71 ug/ml

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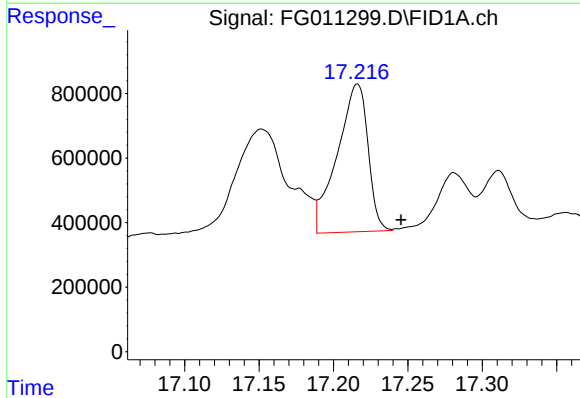
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#11 N-HEXACOSANE

R.T.: 16.325 min
Delta R.T.: 0.031 min
Response: 3214352
Conc: 18.87 ug/ml m



#12 N-OCTACOSANE

R.T.: 17.216 min
Delta R.T.: -0.029 min
Response: 6581577
Conc: 40.02 ug/ml