

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052125\
 Data File : FG015874.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 14:43
 Operator : YP\AJ
 Sample : Q2032-06MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TP-24MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/22/2025
 Supervised By :mohammad ahmed 05/23/2025

Integration File: autoint1.e
 Quant Time: May 22 00:40:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG042425.M
 Quant Title :
 QLast Update : Thu Apr 24 12:54:09 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...	14.984	1582416	13.440 ug/ml
Target Compounds			
2) N-DECANE	4.488	2524324	22.674 ug/ml
3) N-DODECANE	6.670	2750898	24.004 ug/ml
4) N-TETRADECANE	8.505	2856872	23.577 ug/ml
5) N-HEXADECANE	10.119	3052461	24.314 ug/ml
6) N-OCTADECANE	11.566	3242042	24.739 ug/ml
7) N-EICOSANE	12.880	3237531	23.880 ug/ml
8) N-DOCOSANE	14.082	3176608	23.951 ug/ml
10) N-TETRACOSANE	15.188	3217146	24.210 ug/ml
11) N-HEXACOSANE	16.211	3209178	24.198 ug/ml
12) N-OCTACOSANE	17.163	3157587	23.951 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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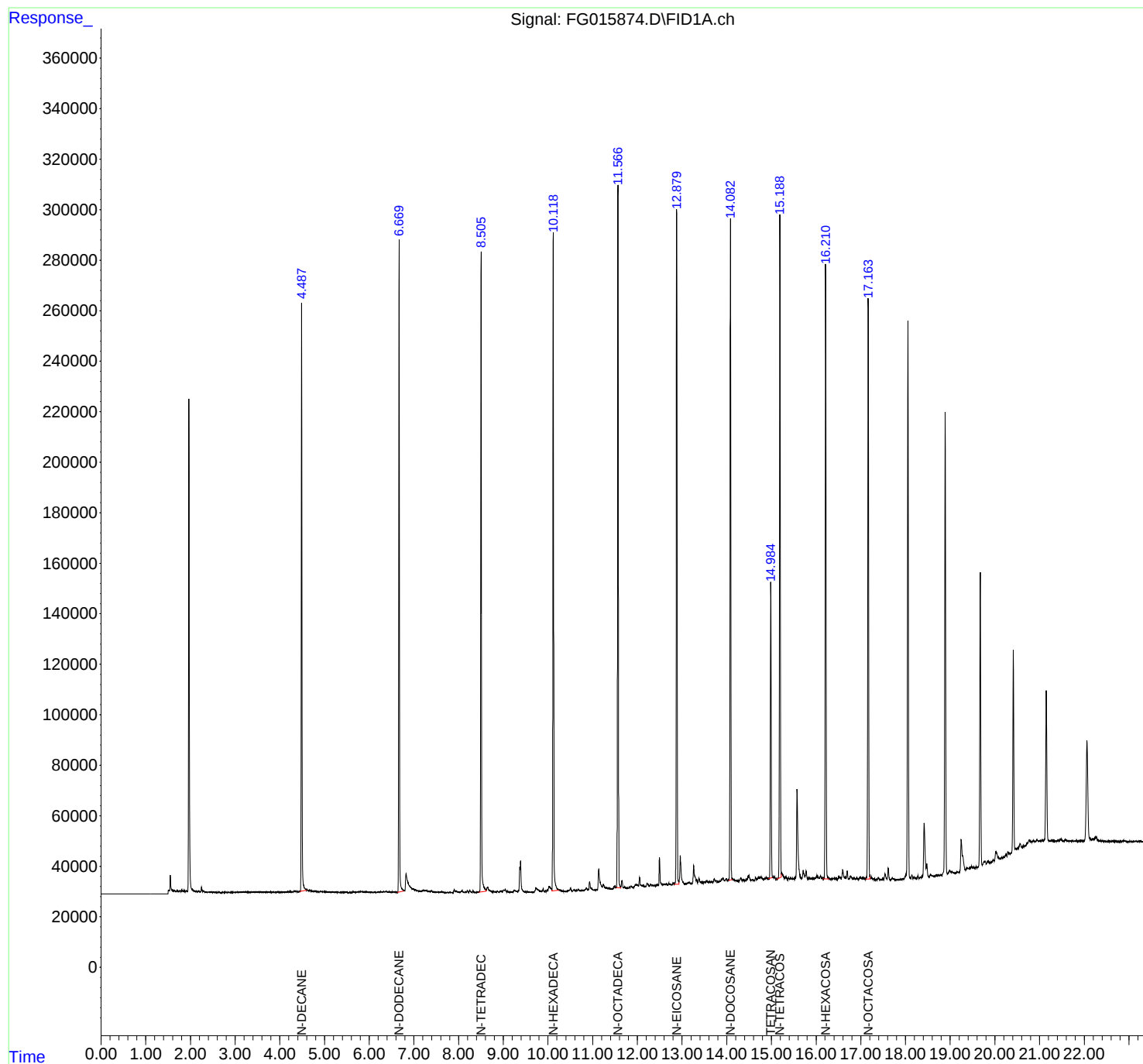
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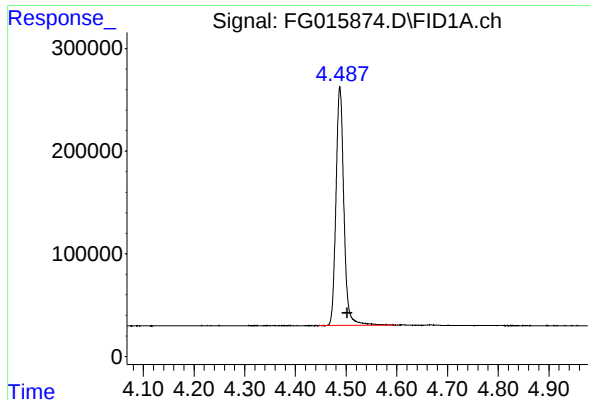
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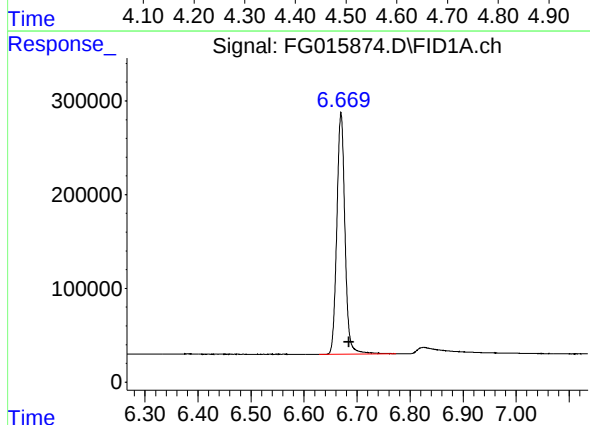
#2 N-DECANE

R.T.: 4.488 min
Delta R.T.: -0.015 min
Response: 2524324
Conc: 22.67 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-24MSD

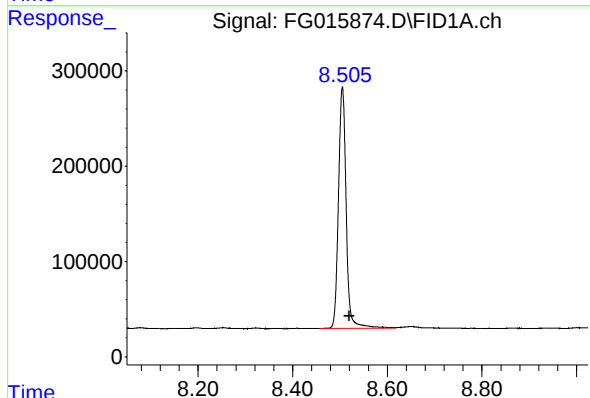
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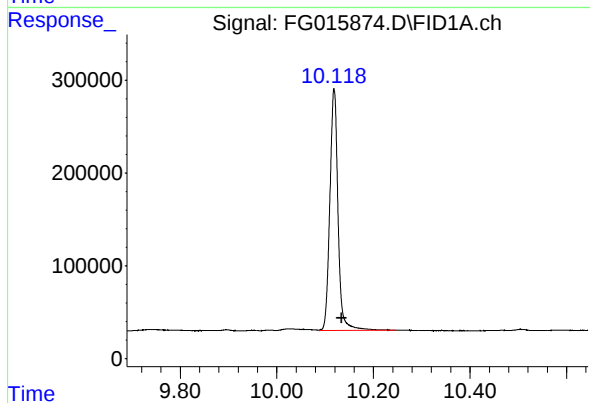
#3 N-DODECANE

R.T.: 6.670 min
Delta R.T.: -0.015 min
Response: 2750898
Conc: 24.00 ug/ml



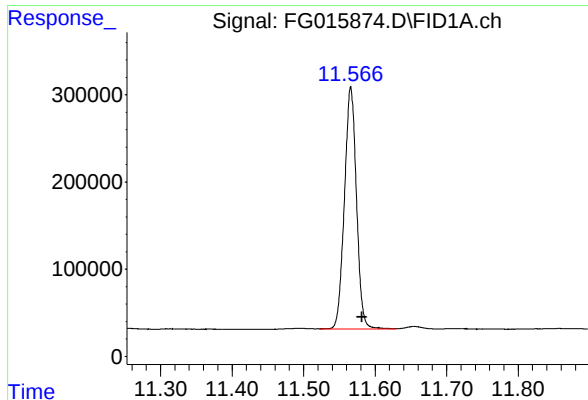
#4 N-TETRADECANE

R.T.: 8.505 min
Delta R.T.: -0.015 min
Response: 2856872
Conc: 23.58 ug/ml



#5 N-HEXADECANE

R.T.: 10.119 min
Delta R.T.: -0.016 min
Response: 3052461
Conc: 24.31 ug/ml



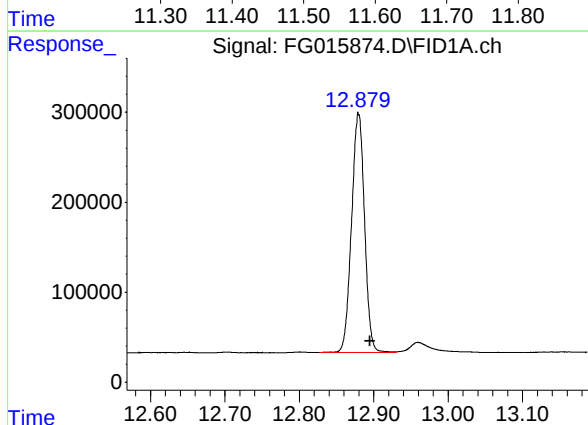
#6 N-OCTADECANE

R.T.: 11.566 min
Delta R.T.: -0.015 min
Response: 3242042
Conc: 24.74 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-24MSD

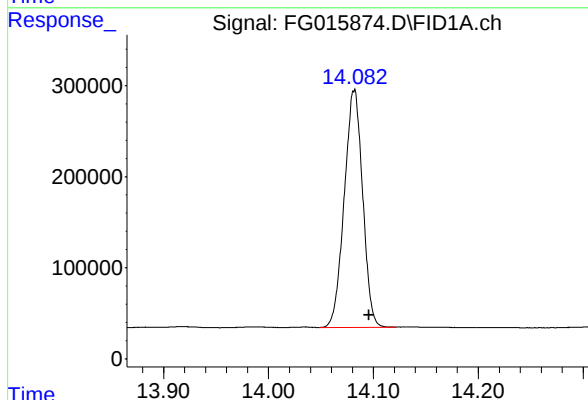
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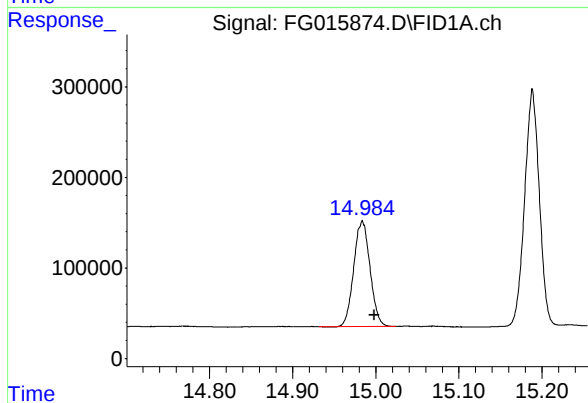
#7 N-EICOSANE

R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 3237531
Conc: 23.88 ug/ml



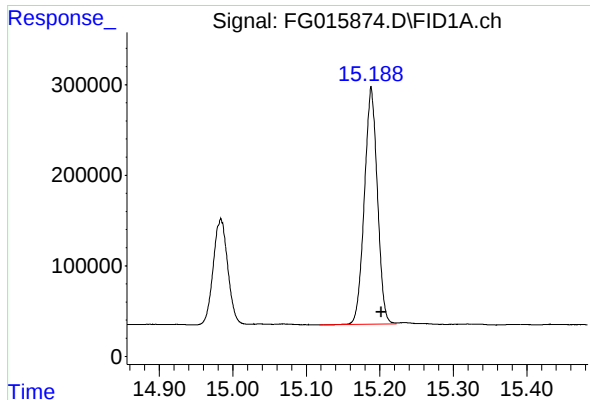
#8 N-DOCOSANE

R.T.: 14.082 min
Delta R.T.: -0.014 min
Response: 3176608
Conc: 23.95 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.984 min
Delta R.T.: -0.014 min
Response: 1582416
Conc: 13.44 ug/ml



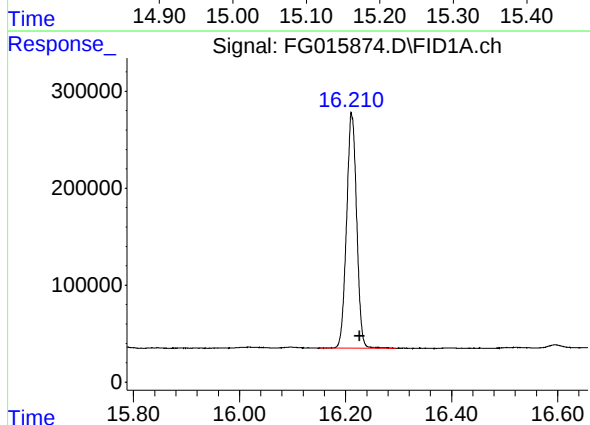
#10 N-TETRACOSANE

R.T.: 15.188 min
Delta R.T.: -0.014 min
Response: 3217146
Conc: 24.21 ug/ml

Instrument :
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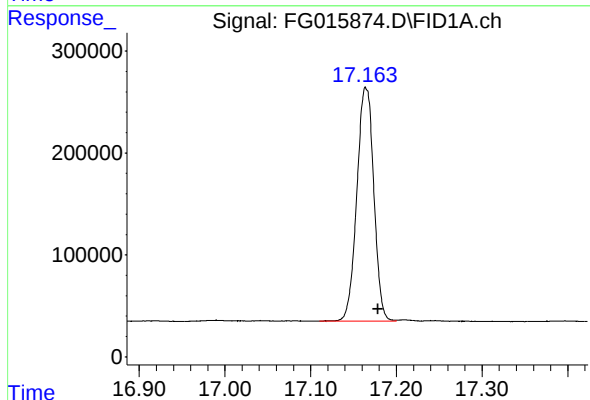
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#11 N-HEXACOSANE

R.T.: 16.211 min
Delta R.T.: -0.015 min
Response: 3209178
Conc: 24.20 ug/ml



#12 N-OCTACOSANE

R.T.: 17.163 min
Delta R.T.: -0.015 min
Response: 3157587
Conc: 23.95 ug/ml m