

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
 Data File : FG015903.D
 Signal(s) : FID1A.ch
 Acq On : 23 May 2025 16:54
 Operator : YP\AJ
 Sample : Q2100-04MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TP-45MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/27/2025
 Supervised By :mohammad ahmed 05/28/2025

Integration File: autoint1.e
 Quant Time: May 23 23:07:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
 Quant Title :
 QLast Update : Thu May 22 06:20:25 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...	14.982	1560457	12.732 ug/ml
Target Compounds			
2) N-DECANE	4.485	2717779	23.130 ug/ml
3) N-DODECANE	6.667	2921598	24.071 ug/ml
4) N-TETRADECANE	8.503	2950277	23.105 ug/ml
5) N-HEXADECANE	10.117	3192538	23.963 ug/ml
6) N-OCTADECANE	11.565	3248063	23.536 ug/ml
7) N-EICOSANE	12.879	3238782	22.925 ug/ml
8) N-DOCOSANE	14.080	3213690	23.395 ug/ml
10) N-TETRACOSANE	15.186	3186827	23.182 ug/ml
11) N-HEXACOSANE	16.211	3154555	23.218 ug/ml
12) N-OCTACOSANE	17.163	3100655	22.998 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG052325\
Data File : FG015903.D
Signal(s) : FID1A.ch
Acq On : 23 May 2025 16:54
Operator : YP\AJ
Sample : Q2100-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

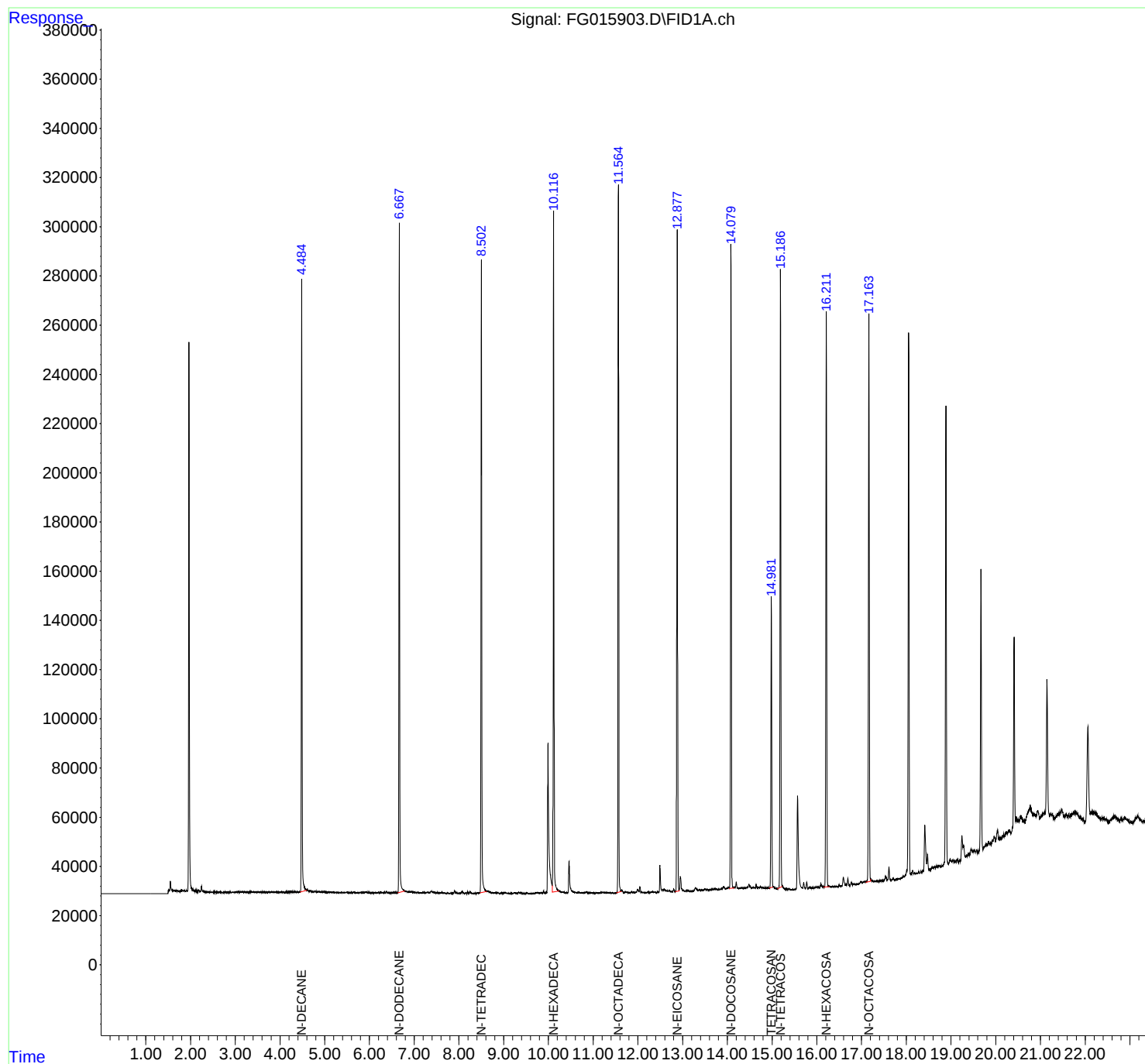
Instrument :
FID_G
ClientSampleId :
TP-45MS

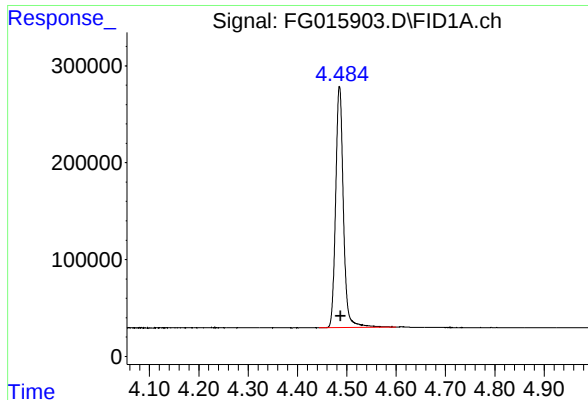
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/27/2025
Supervised By :mohammad ahmed 05/28/2025

Integration File: autoint1.e
Quant Time: May 23 23:07:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG052225.M
Quant Title :
QLast Update : Thu May 22 06:20:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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





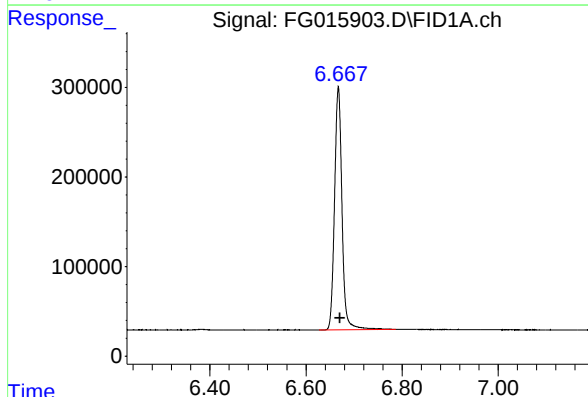
#2 N-DECANE

R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 2717779
Conc: 23.13 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS

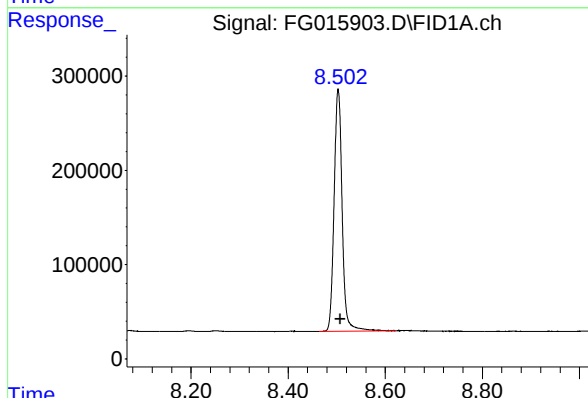
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



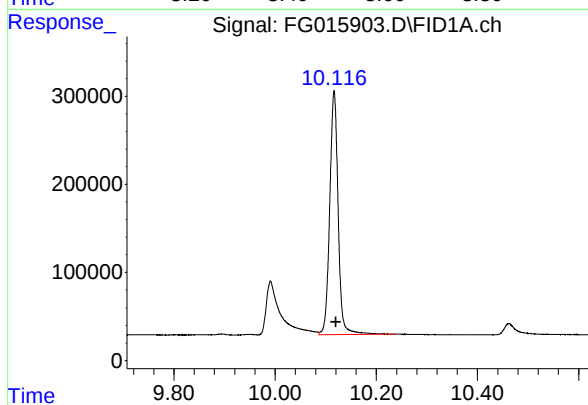
#3 N-DODECANE

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2921598
Conc: 24.07 ug/ml



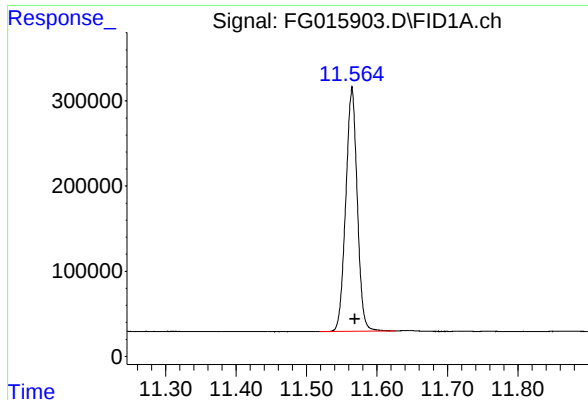
#4 N-TETRADECANE

R.T.: 8.503 min
Delta R.T.: -0.004 min
Response: 2950277
Conc: 23.10 ug/ml



#5 N-HEXADECANE

R.T.: 10.117 min
Delta R.T.: -0.004 min
Response: 3192538
Conc: 23.96 ug/ml



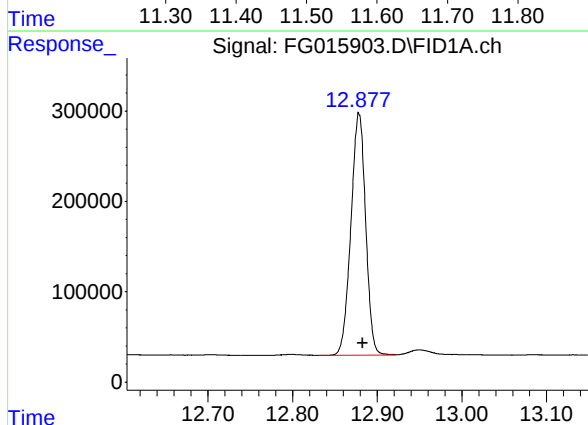
#6 N-OCTADECANE

R.T.: 11.565 min
Delta R.T.: -0.004 min
Response: 3248063
Conc: 23.54 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS

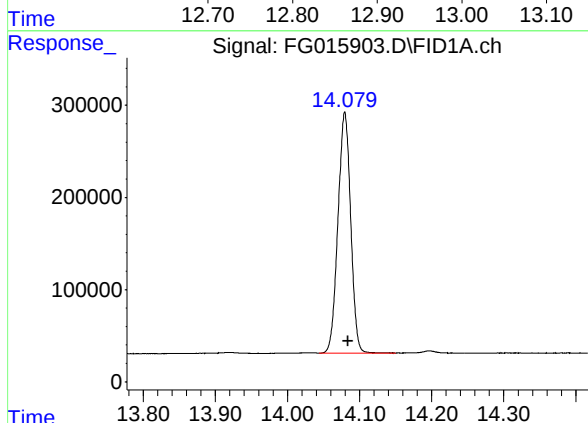
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



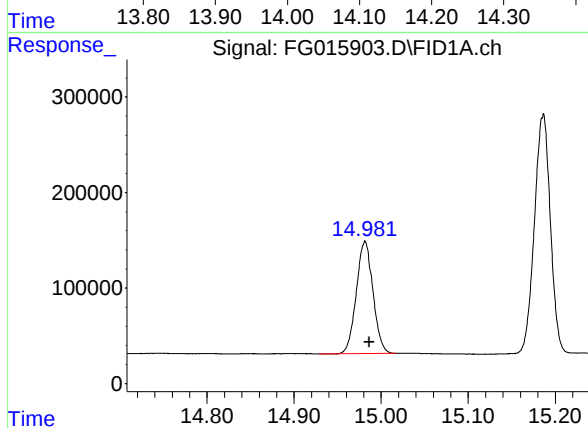
#7 N-EICOSANE

R.T.: 12.879 min
Delta R.T.: -0.004 min
Response: 3238782
Conc: 22.93 ug/ml



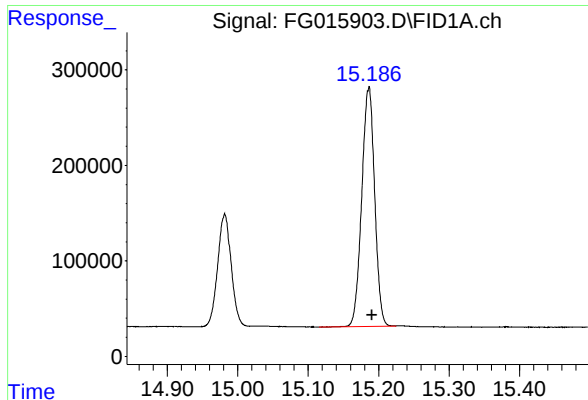
#8 N-DOCOSANE

R.T.: 14.080 min
Delta R.T.: -0.004 min
Response: 3213690
Conc: 23.40 ug/ml



#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 14.982 min
Delta R.T.: -0.005 min
Response: 1560457
Conc: 12.73 ug/ml



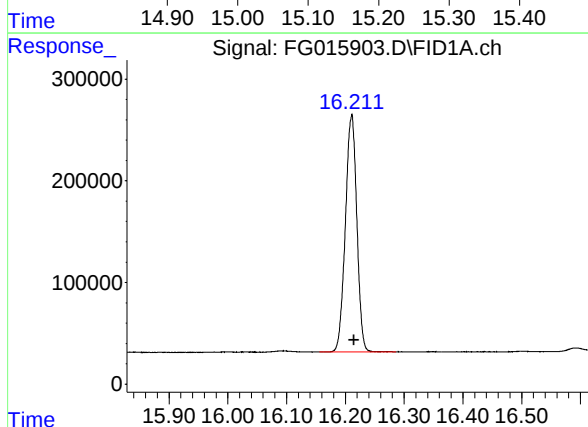
#10 N-TETRACOSANE

R.T.: 15.186 min
Delta R.T.: -0.004 min
Response: 3186827
Conc: 23.18 ug/ml

Instrument :
FID_G
ClientSampleId :
TP-45MS

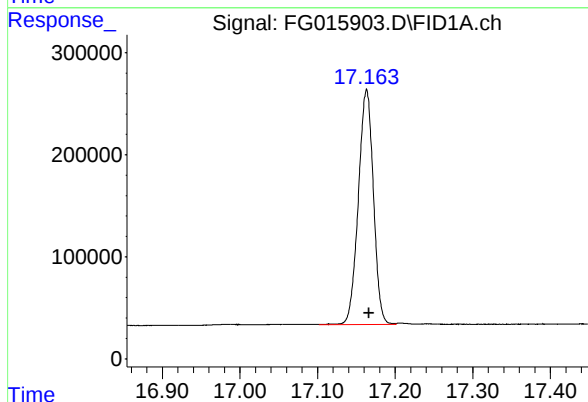
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/27/2025
Supervised By :mohammad ahmed 05/28/2025



#11 N-HEXACOSANE

R.T.: 16.211 min
Delta R.T.: -0.004 min
Response: 3154555
Conc: 23.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.163 min
Delta R.T.: -0.003 min
Response: 3100655
Conc: 23.00 ug/ml m