

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
 Data File : FG015397.D
 Signal(s) : FID1A.ch
 Acq On : 25 Feb 2025 10:28
 Operator : YP\AJ
 Sample : Q1413-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 BU-2-022125MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2025
 Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
 Quant Time: Feb 26 00:25:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
 Quant Title :
 QLast Update : Mon Feb 10 11:26:50 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...	15.041	1460099	13.457 ug/ml
Target Compounds			
1) N-OCTANE	1.998	1951878	17.060 ug/ml
2) N-DECANE	4.537	2966765	25.449 ug/ml
3) N-DODECANE	6.720	3964108	32.739 ug/ml
4) N-TETRADECANE	8.557	4555757	38.268 ug/ml
5) N-HEXADECANE	10.171	4499648	36.986 ug/ml
6) N-OCTADECANE	11.621	4117190	32.746 ug/ml
7) N-EICOSANE	12.935	4140612	33.799 ug/ml
8) N-DOCOSANE	14.138	3702645	30.754 ug/ml
10) N-TETRACOSANE	15.246	2917226	24.301 ug/ml
11) N-HEXACOSANE	16.272	2959304	25.217 ug/ml
12) N-OCTACOSANE	17.227	3195371	27.640 ug/ml
13) N-TRIACONTANE	18.116	3065005	26.654 ug/ml
14) N-DOTRIACONTANE	18.953	3124160	27.488 ug/ml
15) N-TETRATRIACONTANE	19.742	3174902	29.531 ug/ml
16) N-HEXATRIACONTANE	20.483	3292008	32.892 ug/mlm
17) N-OCTATRIACONTANE	21.237	3907036	39.036 ug/ml
18) N-TETRACONTANE	22.180	4548451	46.106 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG022525\
Data File : FG015397.D
Signal(s) : FID1A.ch
Acq On : 25 Feb 2025 10:28
Operator : YP\AJ
Sample : Q1413-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

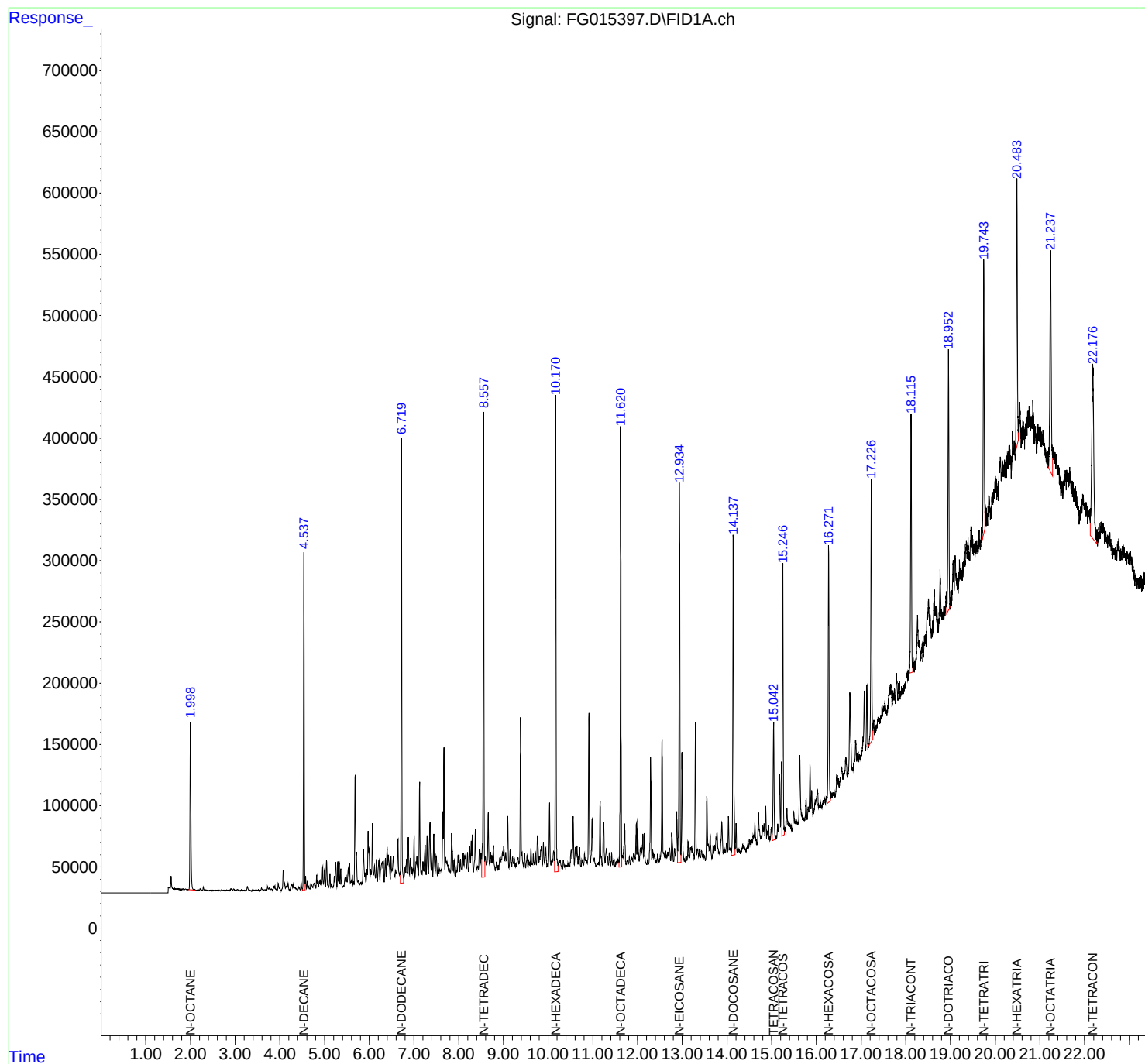
Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

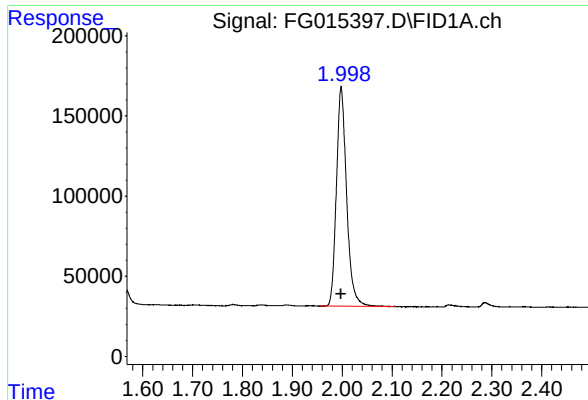
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e
Quant Time: Feb 26 00:25:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG021025.M
Quant Title :
QLast Update : Mon Feb 10 11:26:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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





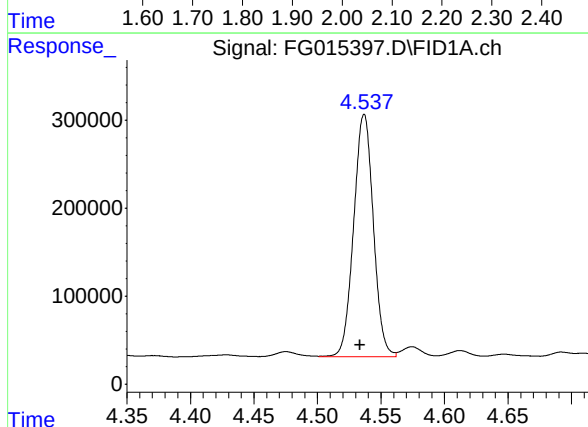
#1 N-OCTANE

R.T.: 1.998 min
Delta R.T.: 0.000 min
Response: 1951878
Conc: 17.06 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

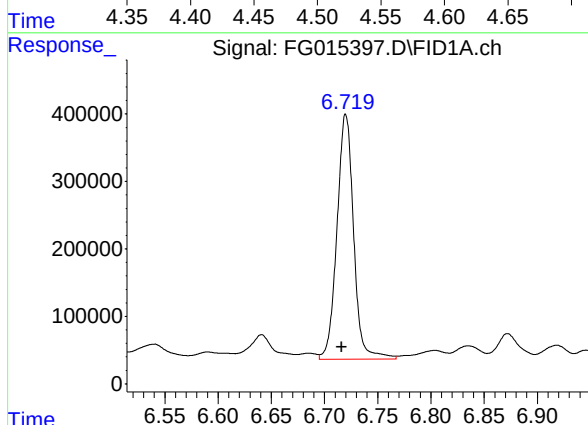
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



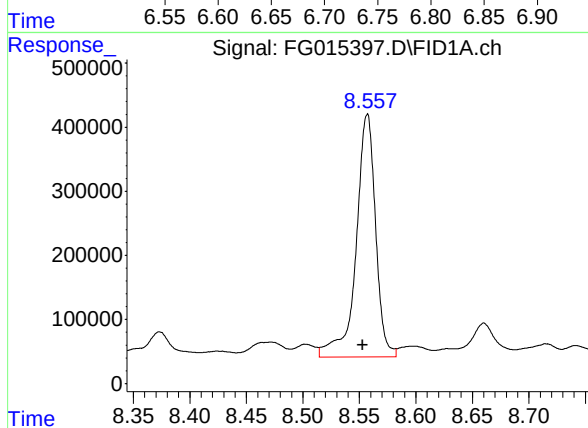
#2 N-DECANE

R.T.: 4.537 min
Delta R.T.: 0.003 min
Response: 2966765
Conc: 25.45 ug/ml



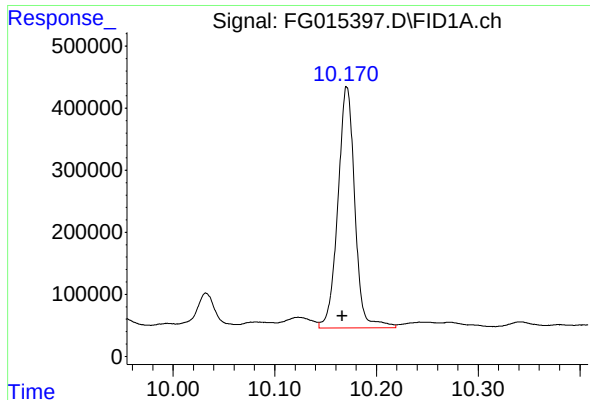
#3 N-DODECANE

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 3964108
Conc: 32.74 ug/ml



#4 N-TETRADECANE

R.T.: 8.557 min
Delta R.T.: 0.004 min
Response: 4555757
Conc: 38.27 ug/ml



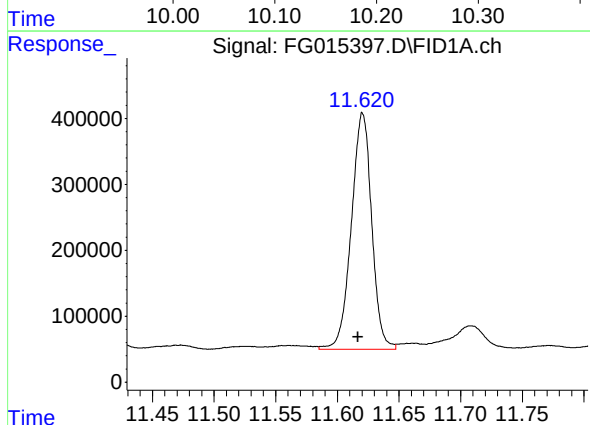
#5 N-HEXADECANE

R.T.: 10.171 min
Delta R.T.: 0.004 min
Response: 4499648
Conc: 36.99 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

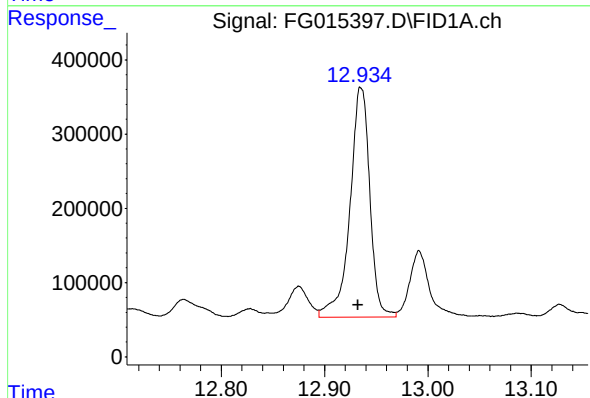
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



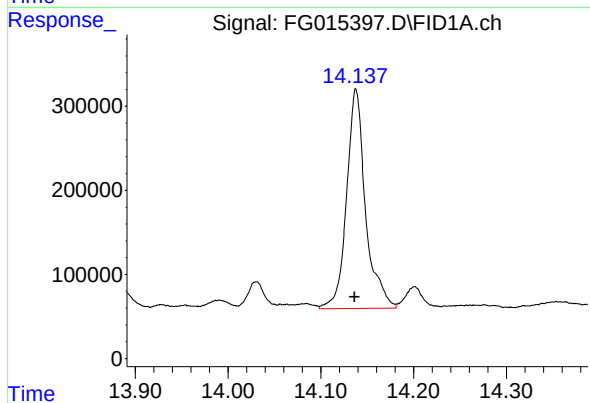
#6 N-OCTADECANE

R.T.: 11.621 min
Delta R.T.: 0.004 min
Response: 4117190
Conc: 32.75 ug/ml



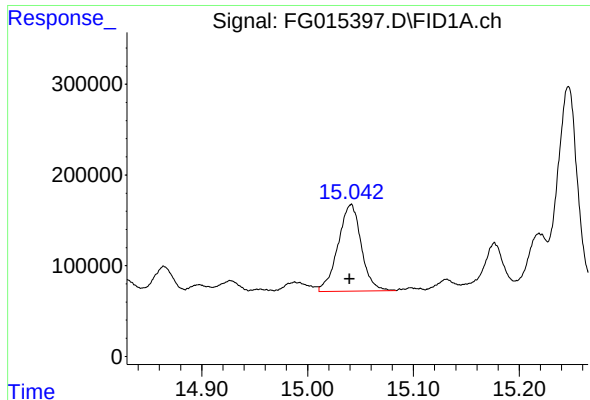
#7 N-EICOSANE

R.T.: 12.935 min
Delta R.T.: 0.003 min
Response: 4140612
Conc: 33.80 ug/ml



#8 N-DOCOSANE

R.T.: 14.138 min
Delta R.T.: 0.001 min
Response: 3702645
Conc: 30.75 ug/ml



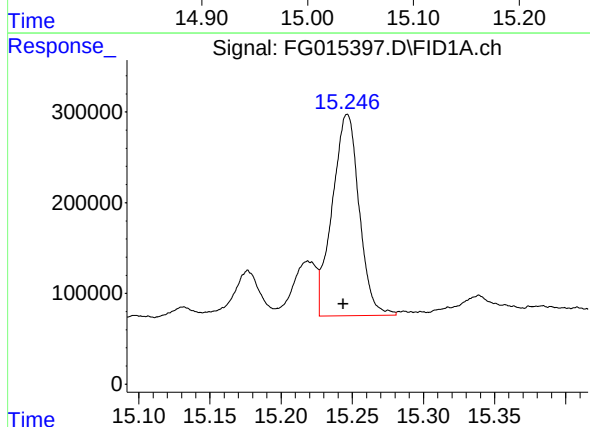
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.041 min
Delta R.T.: 0.001 min
Response: 1460099
Conc: 13.46 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

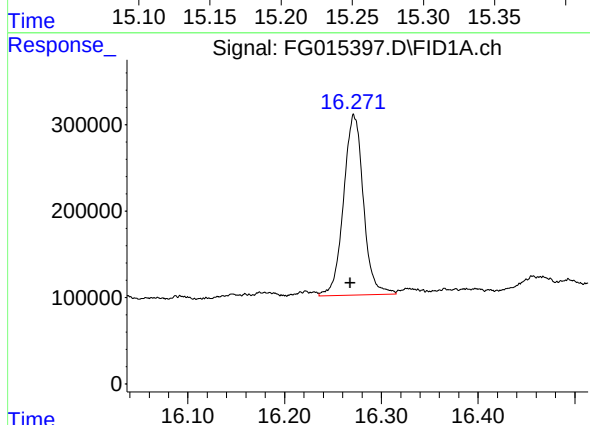
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



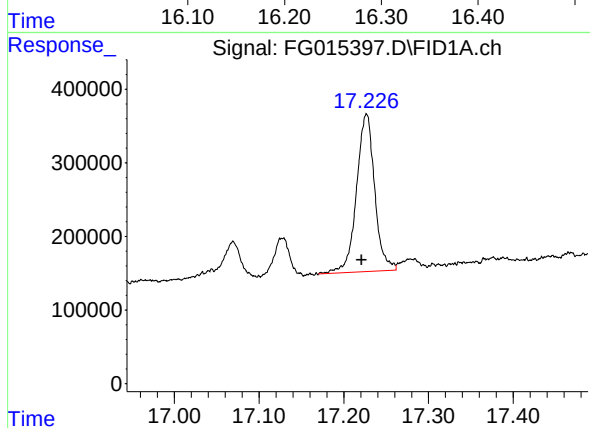
#10 N-TETRACOSANE

R.T.: 15.246 min
Delta R.T.: 0.003 min
Response: 2917226
Conc: 24.30 ug/ml



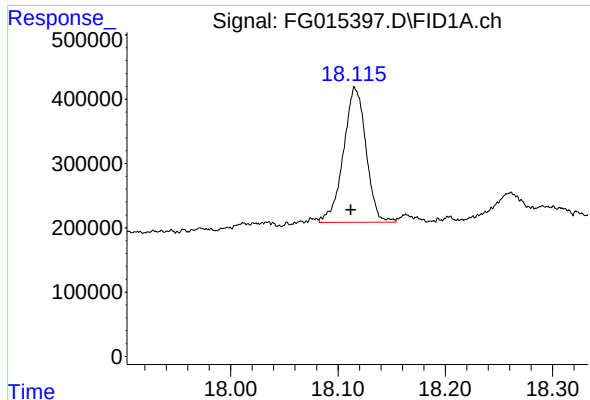
#11 N-HEXACOSANE

R.T.: 16.272 min
Delta R.T.: 0.004 min
Response: 2959304
Conc: 25.22 ug/ml



#12 N-OCTACOSANE

R.T.: 17.227 min
Delta R.T.: 0.006 min
Response: 3195371
Conc: 27.64 ug/ml



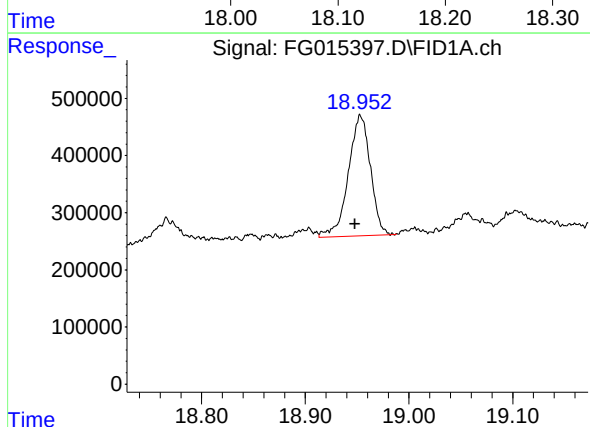
#13 N-TRIACONTANE

R.T.: 18.116 min
Delta R.T.: 0.004 min
Response: 3065005
Conc: 26.65 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

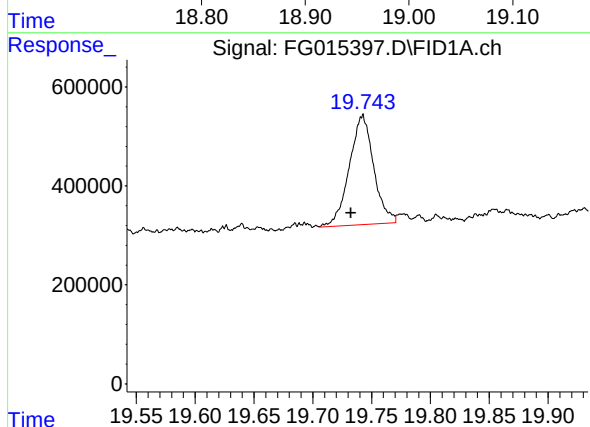
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



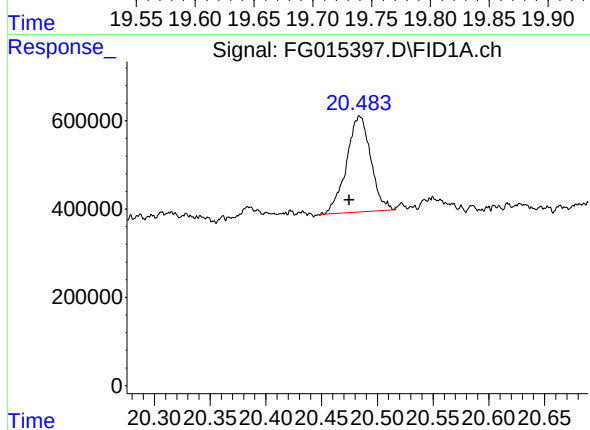
#14 N-DOTRIACONTANE

R.T.: 18.953 min
Delta R.T.: 0.005 min
Response: 3124160
Conc: 27.49 ug/ml



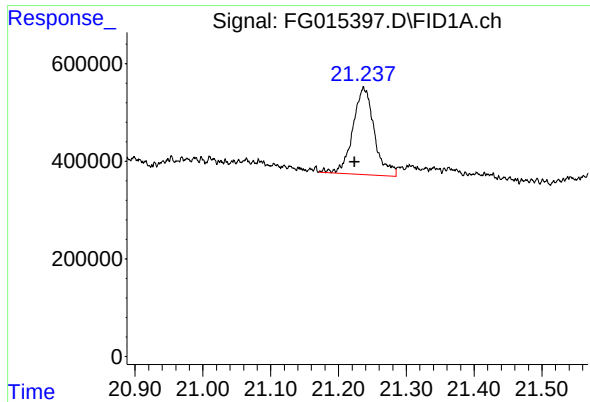
#15 N-TETRATRIACONTANE

R.T.: 19.742 min
Delta R.T.: 0.010 min
Response: 3174902
Conc: 29.53 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.483 min
Delta R.T.: 0.008 min
Response: 3292008
Conc: 32.89 ug/ml m



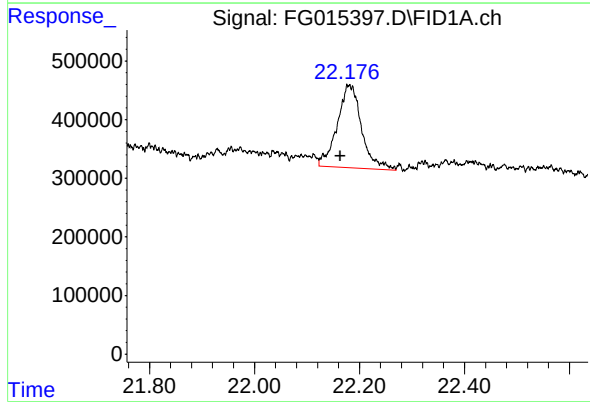
#17 N-OCTATRIACONTANE

R.T.: 21.237 min
Delta R.T.: 0.013 min
Response: 3907036
Conc: 39.04 ug/ml

Instrument :
FID_G
ClientSampleId :
BU-2-022125MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/26/2025
Supervised By :Ankita Jodhani 02/26/2025



#18 N-TETRACONTANE

R.T.: 22.180 min
Delta R.T.: 0.017 min
Response: 4548451
Conc: 46.11 ug/ml