

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
 Data File : FF016140.D
 Signal(s) : FID2B.ch
 Acq On : 10 Jul 2025 16:42
 Operator : YP\AJ
 Sample : Q2473-04MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PIT#4MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
 Quant Time: Jul 11 02:58:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
 Quant Title :
 QLast Update : Thu Jul 10 12:51:11 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...	15.096	1203313	12.358 ug/ml
Target Compounds			
1) N-OCTANE	2.075	1591323	12.758 ug/ml
2) N-DECANE	4.614	1885880	15.153 ug/ml
3) N-DODECANE	6.791	1968893	16.158 ug/ml
4) N-TETRADECANE	8.624	2038025	16.952 ug/ml
5) N-HEXADECANE	10.234	2088900	17.958 ug/ml
6) N-OCTADECANE	11.680	2115830	18.207 ug/ml
7) N-EICOSANE	12.993	2185547	18.687 ug/ml
8) N-DOCOSANE	14.195	2141926	19.103 ug/ml
10) N-TETRACOSANE	15.302	2403976	21.675 ug/ml
11) N-HEXACOSANE	16.326	2059185	19.177 ug/ml
12) N-OCTACOSANE	17.277	2128719	19.796 ug/mlm
13) N-TRIACONTANE	18.170	2123106	19.602 ug/ml
14) N-DOTRIACONTANE	19.005	1913180	18.244 ug/ml
15) N-TETRATRIACONTANE	19.791	1660958	17.313 ug/ml
16) N-HEXATRIACONTANE	20.534	1345700	16.131 ug/ml
17) N-OCTATRIACONTANE	21.300	1285843	17.460 ug/ml
18) N-TETRACONTANE	22.265	1308721	19.241 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF071025\
Data File : FF016140.D
Signal(s) : FID2B.ch
Acq On : 10 Jul 2025 16:42
Operator : YP\AJ
Sample : Q2473-04MS
Misc :
ALS Vial : 72 Sample Multiplier: 1

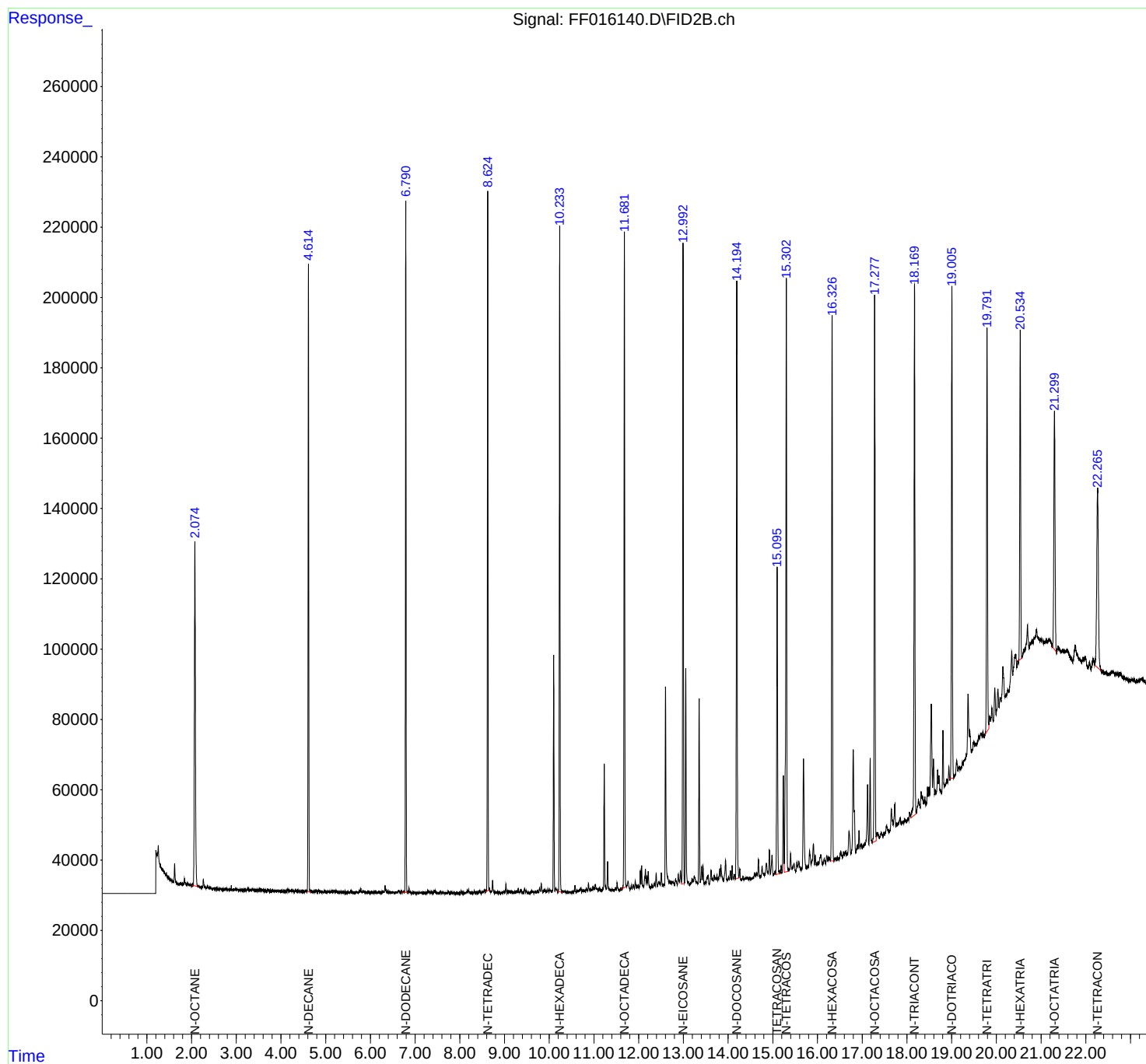
Instrument :
FID_F
ClientSampleId :
PIT#4MS

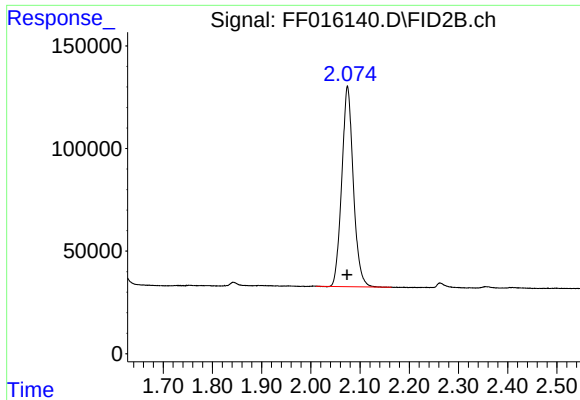
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File: autoint1.e
Quant Time: Jul 11 02:58:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071025.M
Quant Title :
QLast Update : Thu Jul 10 12:51:11 2025
Response via : Initial Calibration
Integrator: ChemStation

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





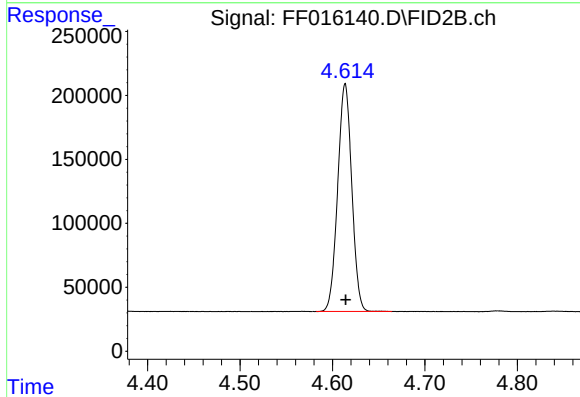
#1 N-OCTANE

R.T.: 2.075 min
Delta R.T.: 0.000 min
Response: 1591323
Conc: 12.76 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MS

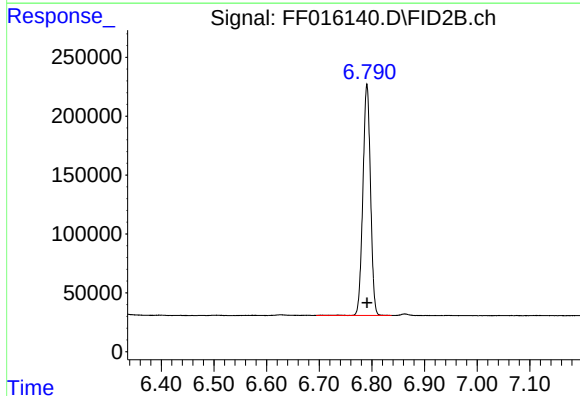
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



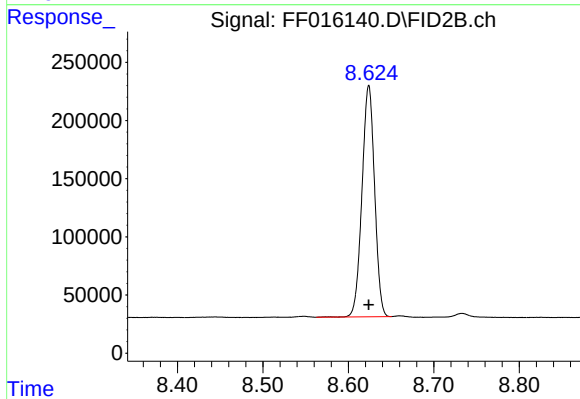
#2 N-DECANE

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 1885880
Conc: 15.15 ug/ml



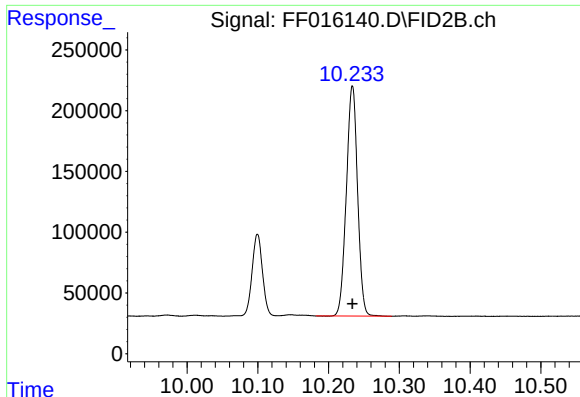
#3 N-DODECANE

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 1968893
Conc: 16.16 ug/ml



#4 N-TETRADECANE

R.T.: 8.624 min
Delta R.T.: 0.000 min
Response: 2038025
Conc: 16.95 ug/ml



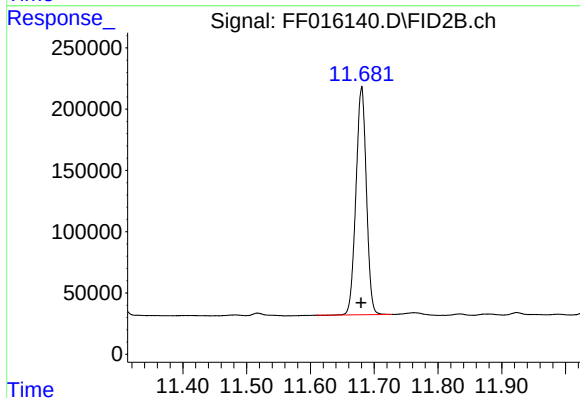
#5 N-HEXADECANE

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 2088900
Conc: 17.96 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MS

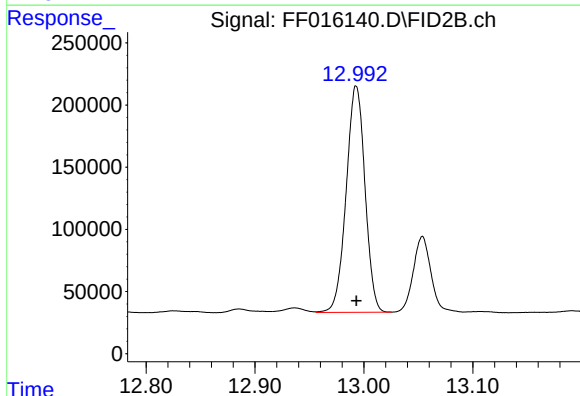
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



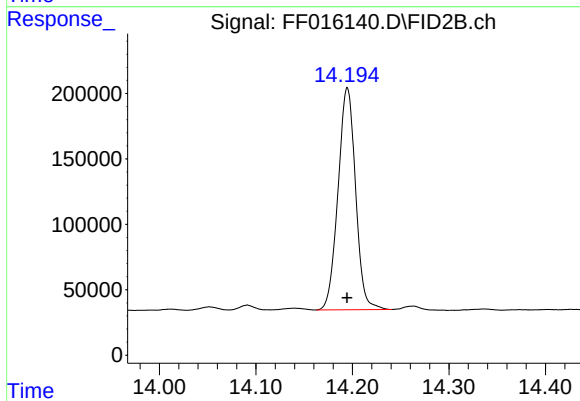
#6 N-OCTADECANE

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 2115830
Conc: 18.21 ug/ml



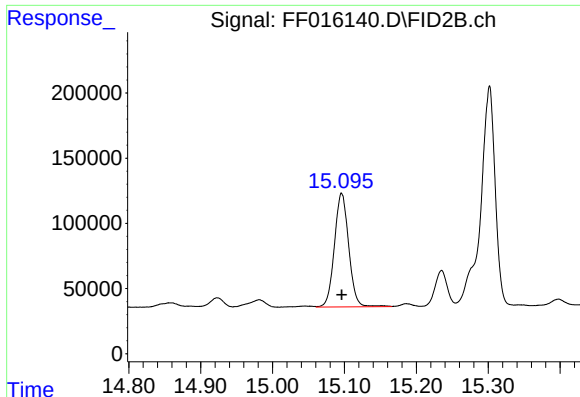
#7 N-EICOSANE

R.T.: 12.993 min
Delta R.T.: 0.000 min
Response: 2185547
Conc: 18.69 ug/ml



#8 N-DOCOSANE

R.T.: 14.195 min
Delta R.T.: 0.000 min
Response: 2141926
Conc: 19.10 ug/ml



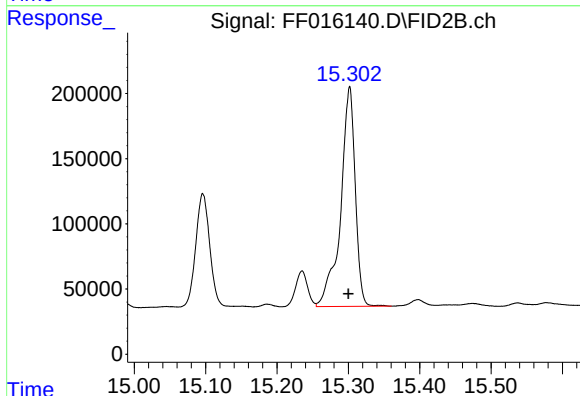
#9 TETRACOSANE-d50 (SURROGATE)

R.T.: 15.096 min
Delta R.T.: 0.000 min
Response: 1203313
Conc: 12.36 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MS

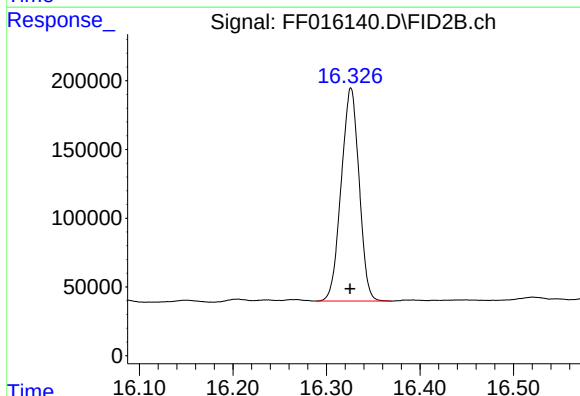
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



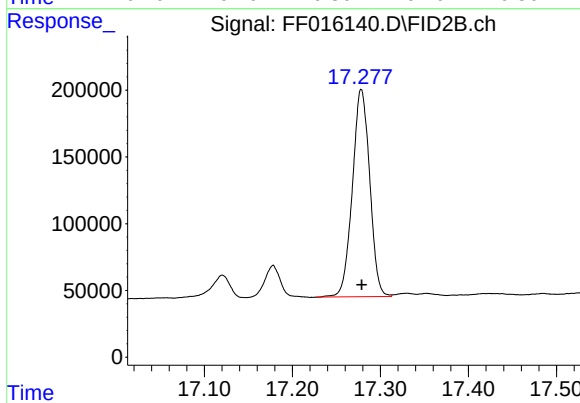
#10 N-TETRACOSANE

R.T.: 15.302 min
Delta R.T.: 0.002 min
Response: 2403976
Conc: 21.67 ug/ml



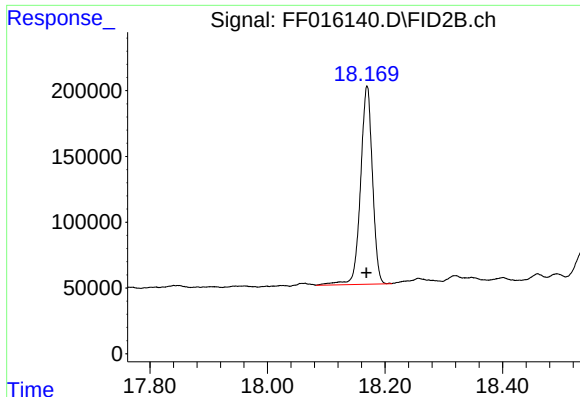
#11 N-HEXACOSANE

R.T.: 16.326 min
Delta R.T.: 0.000 min
Response: 2059185
Conc: 19.18 ug/ml



#12 N-OCTACOSANE

R.T.: 17.277 min
Delta R.T.: -0.001 min
Response: 2128719
Conc: 19.80 ug/ml m



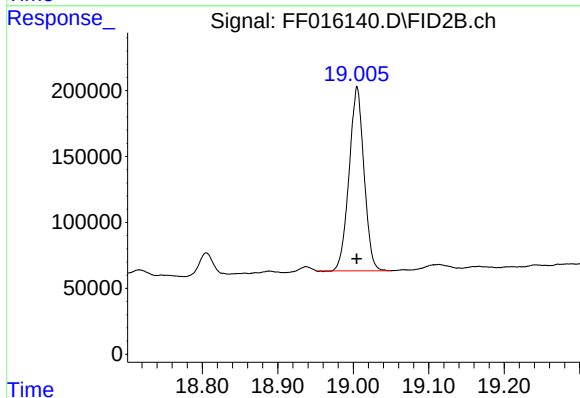
#13 N-TRIACONTANE

R.T.: 18.170 min
Delta R.T.: 0.001 min
Response: 2123106
Conc: 19.60 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MS

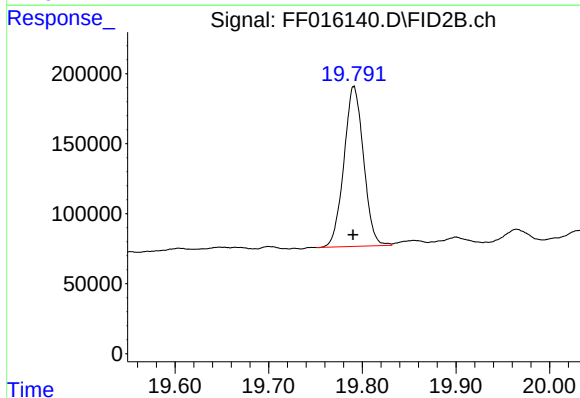
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



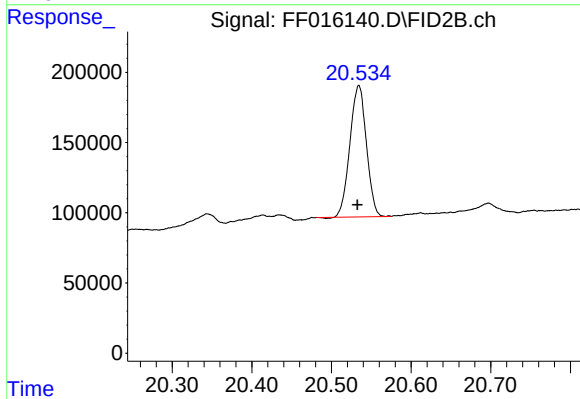
#14 N-DOTRIACONTANE

R.T.: 19.005 min
Delta R.T.: 0.000 min
Response: 1913180
Conc: 18.24 ug/ml



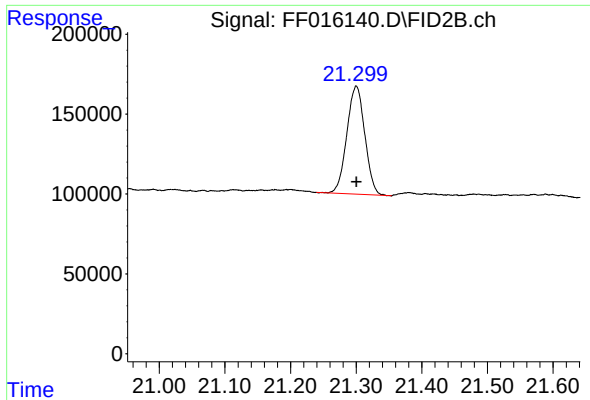
#15 N-TETRATRIACONTANE

R.T.: 19.791 min
Delta R.T.: 0.000 min
Response: 1660958
Conc: 17.31 ug/ml



#16 N-HEXATRIACONTANE

R.T.: 20.534 min
Delta R.T.: 0.002 min
Response: 1345700
Conc: 16.13 ug/ml



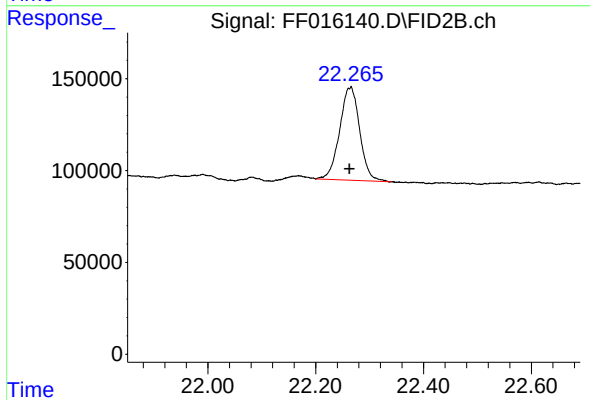
#17 N-OCTATRIACONTANE

R.T.: 21.300 min
Delta R.T.: 0.000 min
Response: 1285843
Conc: 17.46 ug/ml

Instrument :
FID_F
ClientSampleId :
PIT#4MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



#18 N-TETRACONTANE

R.T.: 22.265 min
Delta R.T.: 0.003 min
Response: 1308721
Conc: 19.24 ug/ml