

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
 Data File : FC069606.D
 Signal(s) : FID1A.ch
 Acq On : 07 Aug 2025 18:52
 Operator : YP/AJ
 Sample : Q2779-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File: autoint1.e
 Quant Time: Aug 08 02:27:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.670	4146748	27.796 ug/mlm
Spiked Amount 50.000		Recovery =	55.59%
12) S 1-chlorooctadecane (S...	13.107	3573771	32.780 ug/ml
Spiked Amount 50.000		Recovery =	65.56%
Target Compounds			
1) T n-Nonane (C9)	3.402	3102970	21.780 ug/ml
2) T n-Decane (C10)	4.475	3483045	23.958 ug/ml
3) T A~Naphthalene (C11.7)	6.069	4214165	27.160 ug/mlm
4) T n-Dodecane (C12)	6.498	3882946	26.562 ug/ml
5) T A~2-methylnaphthalene...	7.129	4095512	27.809 ug/ml
6) T n-Tetradecane (C14)	8.300	3963144	27.770 ug/ml
7) T n-Hexadecane (C16)	9.902	4414210	30.620 ug/ml
8) T n-Octadecane (C18)	11.349	4263134	30.147 ug/ml
10) T n-Eicosane (C20)	12.661	4556862	34.593 ug/ml
11) T n-Heneicosane (C21)	13.273	4237089	33.221 ug/mlm
13) T n-Docosane (C22)	13.861	4106079	32.869 ug/mlm
14) T n-Tetracosane (C24)	14.962	8613730	71.382 ug/ml
15) T n-Hexacosane (C26)	15.990	3696883	31.994 ug/mlm
16) T n-Octacosane (C28)	16.939	3757554	33.523 ug/mlm
17) T n-Tricontane (C30)	17.830	3551653	31.020 ug/ml
18) T n-Dotriacontane (C32)	18.662	3429752	30.876 ug/mlm
19) T n-Tetratriacontane (C34)	19.447	3560593	34.968 ug/mlm
20) T n-Hexatriacontane (C36)	20.188	3217650	36.086 ug/ml
21) T n-Octatriacontane (C38)	20.955	3218618	40.011 ug/ml
22) T n-Tetracontane (C40)	21.920	3328514	44.450 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080725AL\
Data File : FC069606.D
Signal(s) : FID1A.ch
Acq On : 07 Aug 2025 18:52
Operator : YP/AJ
Sample : Q2779-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

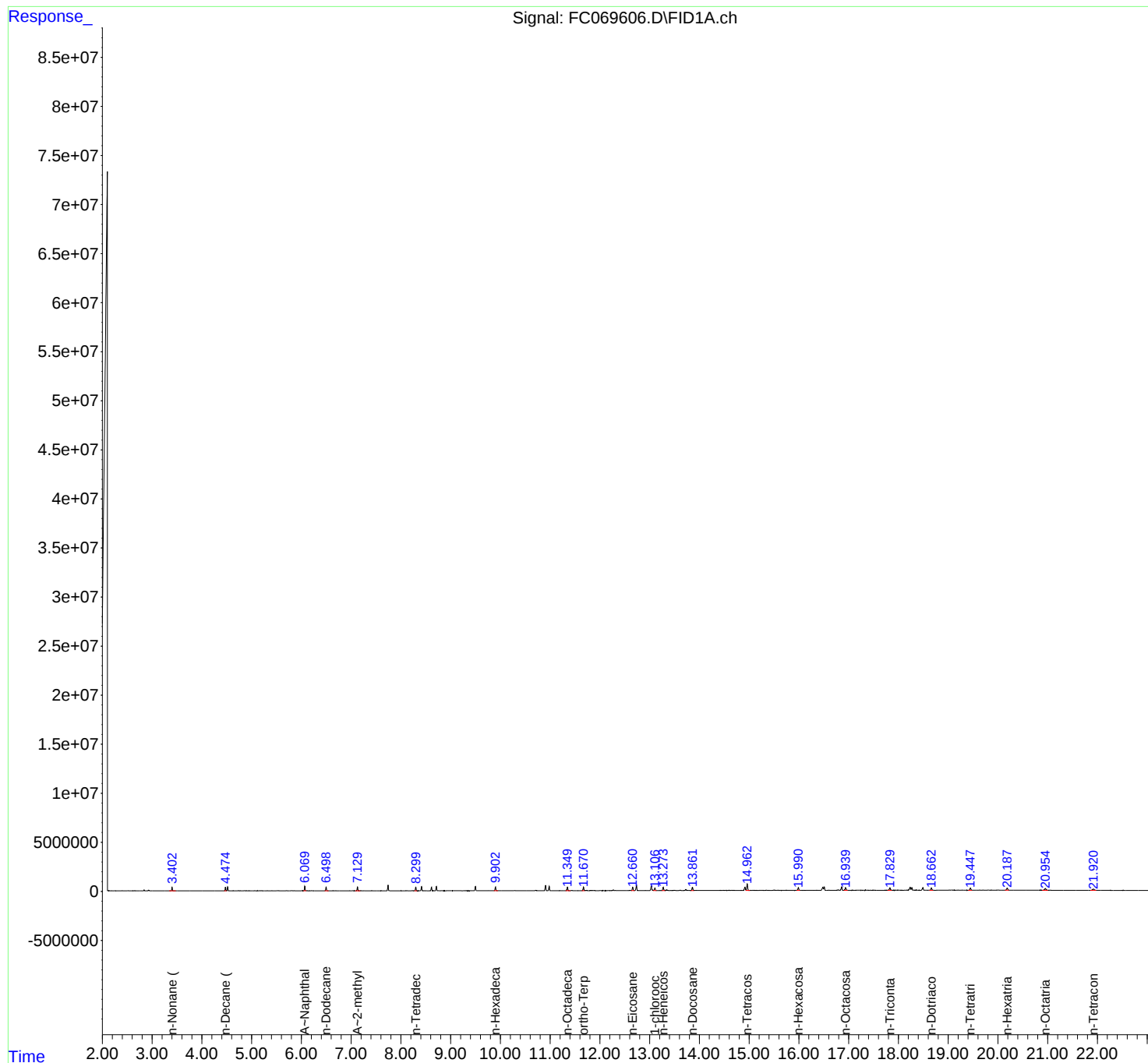
Instrument :
FID_C
ClientSampleId :
TP-4MSD

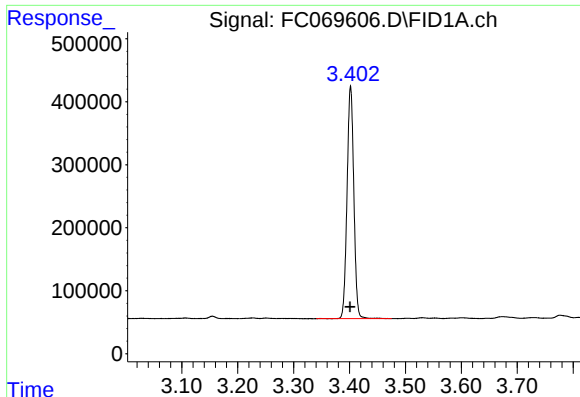
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File: autoint1.e
Quant Time: Aug 08 02:27:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 14:14:17 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





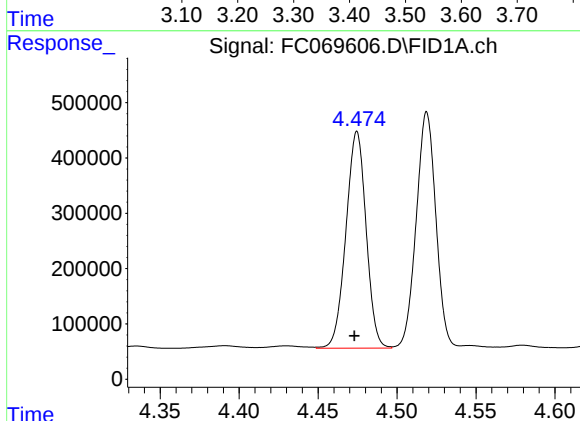
#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: 0.001 min
Response: 3102970
Conc: 21.78 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

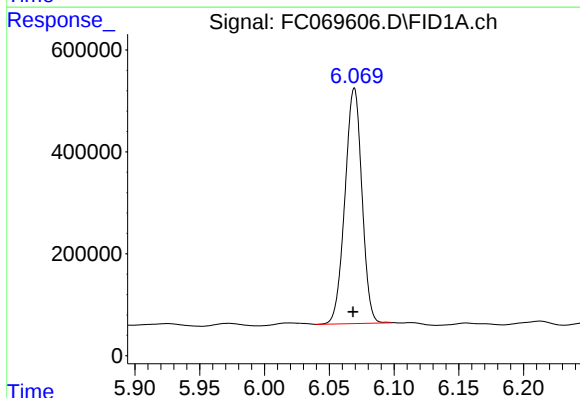
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



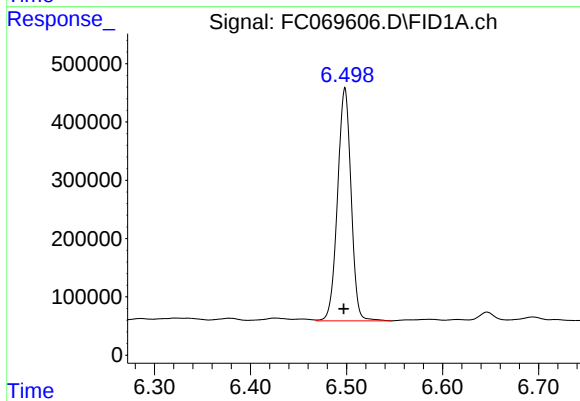
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 3483045
Conc: 23.96 ug/ml



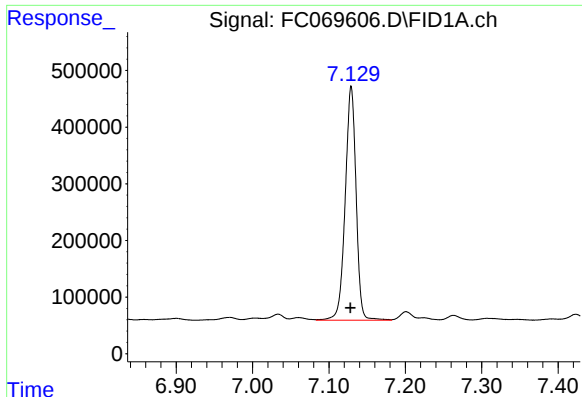
#3 A~Naphthalene (C11.7)

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 4214165
Conc: 27.16 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: 0.001 min
Response: 3882946
Conc: 26.56 ug/ml



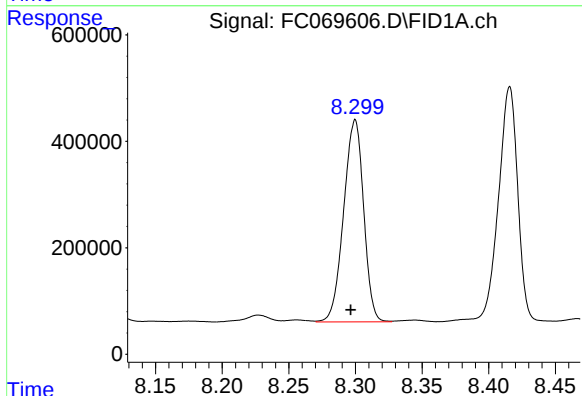
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 4095512
Conc: 27.81 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

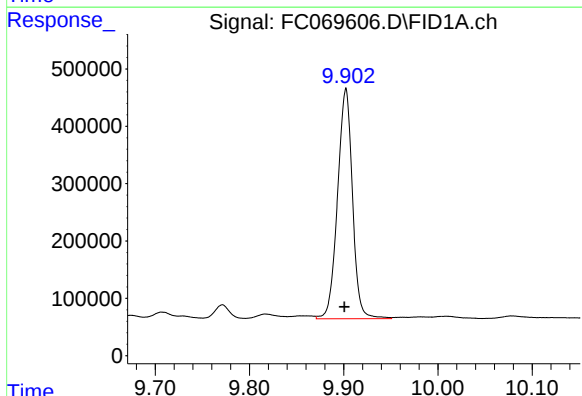
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



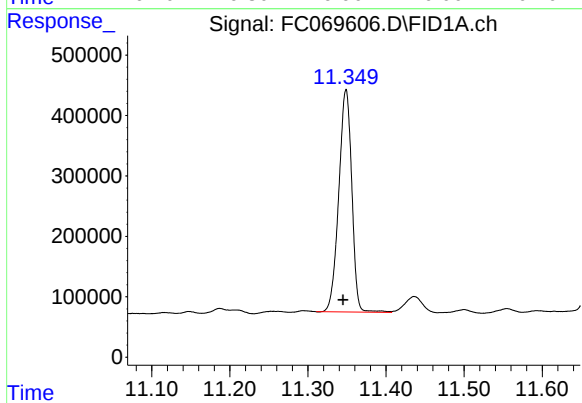
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.003 min
Response: 3963144
Conc: 27.77 ug/ml



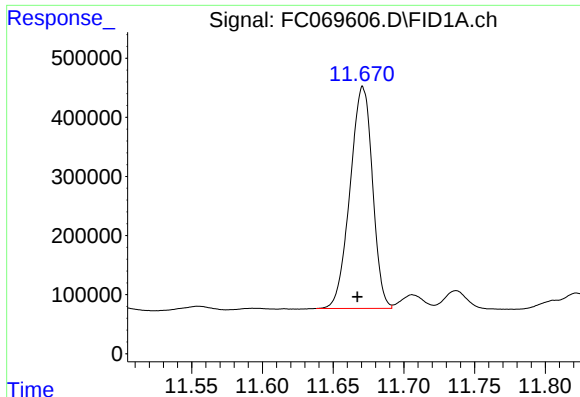
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.001 min
Response: 4414210
Conc: 30.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 4263134
Conc: 30.15 ug/ml



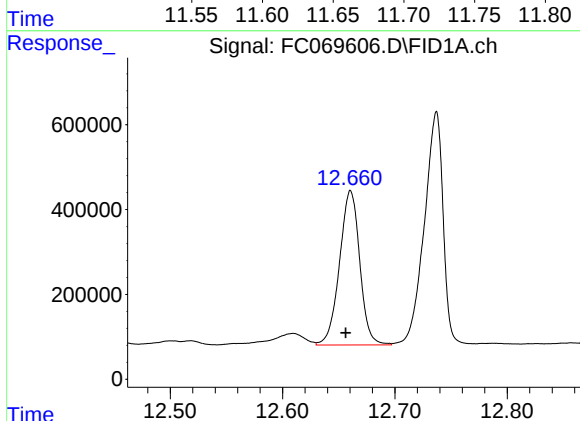
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: 0.003 min
Response: 4146748
Conc: 27.80 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

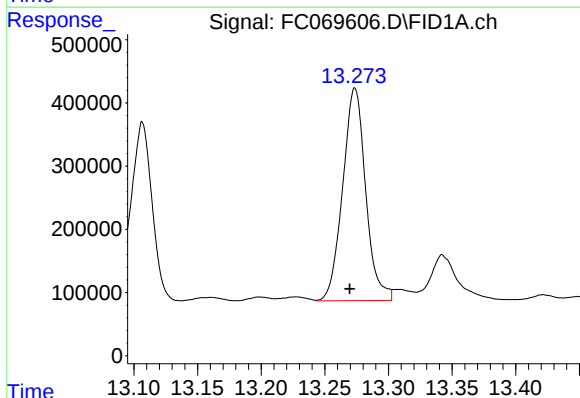
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



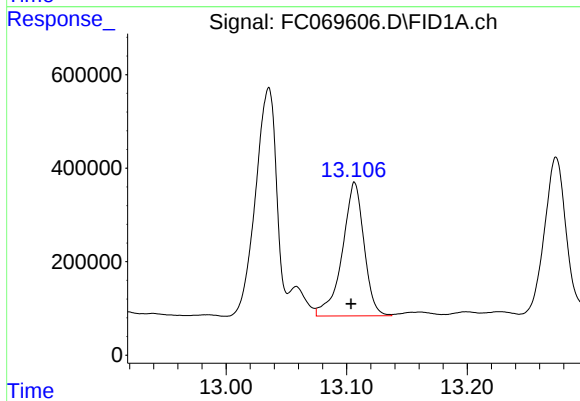
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.004 min
Response: 4556862
Conc: 34.59 ug/ml



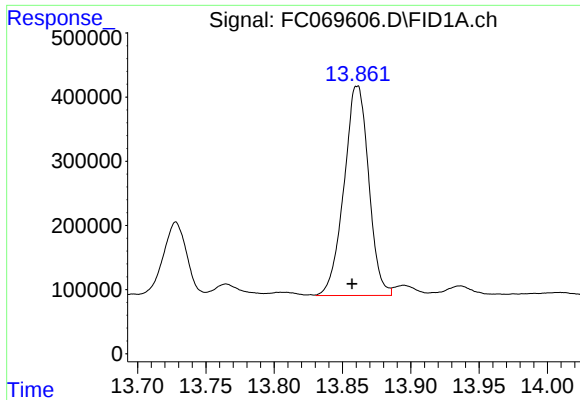
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.004 min
Response: 4237089
Conc: 33.22 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: 0.003 min
Response: 3573771
Conc: 32.78 ug/ml



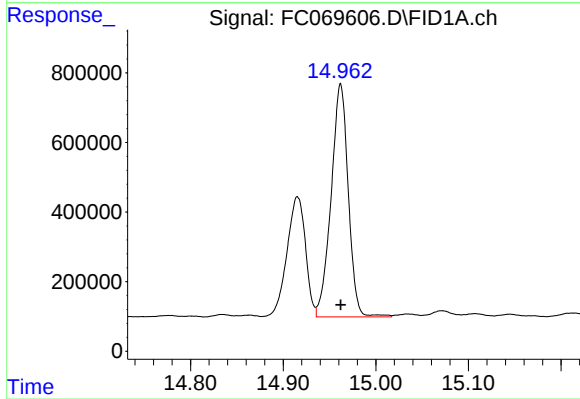
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: 0.004 min
Response: 4106079
Conc: 32.87 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

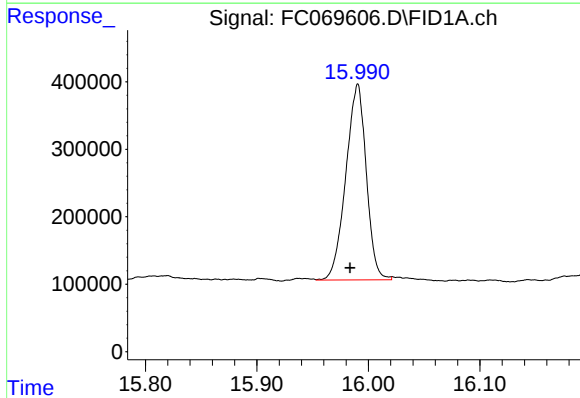
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



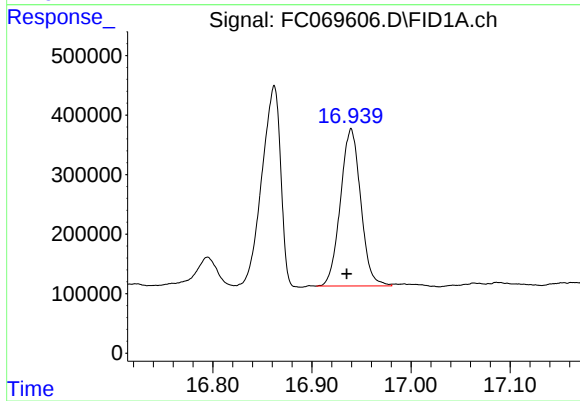
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: 0.000 min
Response: 8613730
Conc: 71.38 ug/ml



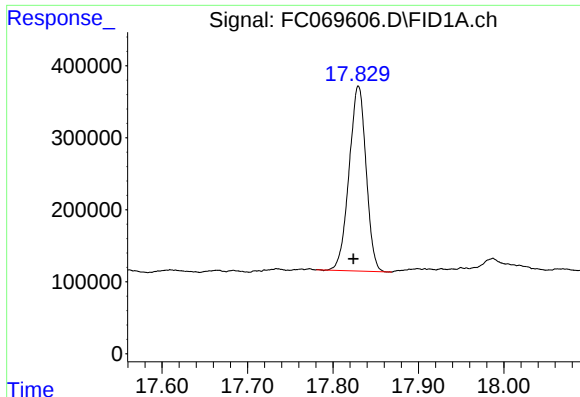
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.007 min
Response: 3696883
Conc: 31.99 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: 0.004 min
Response: 3757554
Conc: 33.52 ug/ml m



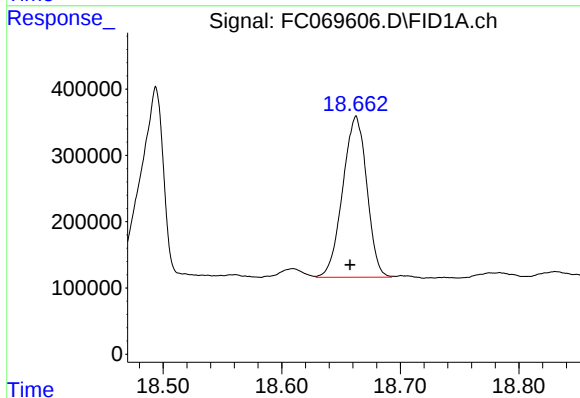
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: 0.006 min
Response: 3551653
Conc: 31.02 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

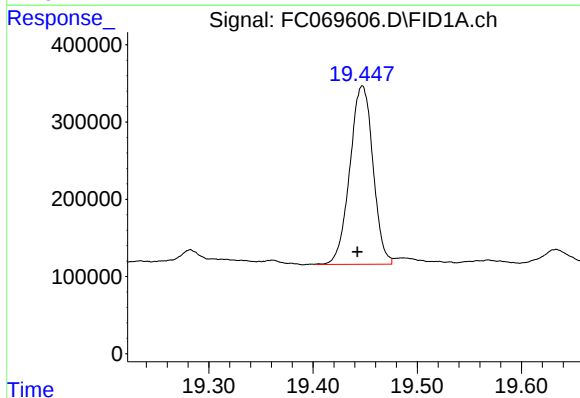
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



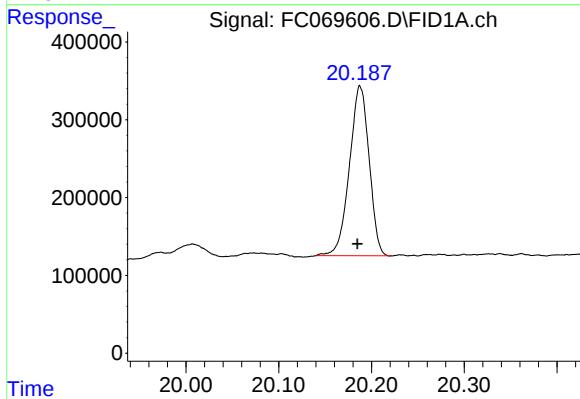
#18 n-Dotriacontane (C32)

R.T.: 18.662 min
Delta R.T.: 0.005 min
Response: 3429752
Conc: 30.88 ug/ml m



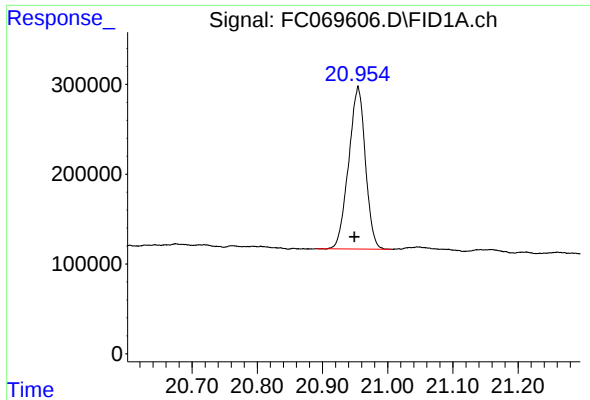
#19 n-Tetratriacontane (C34)

R.T.: 19.447 min
Delta R.T.: 0.004 min
Response: 3560593
Conc: 34.97 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.188 min
Delta R.T.: 0.003 min
Response: 3217650
Conc: 36.09 ug/ml



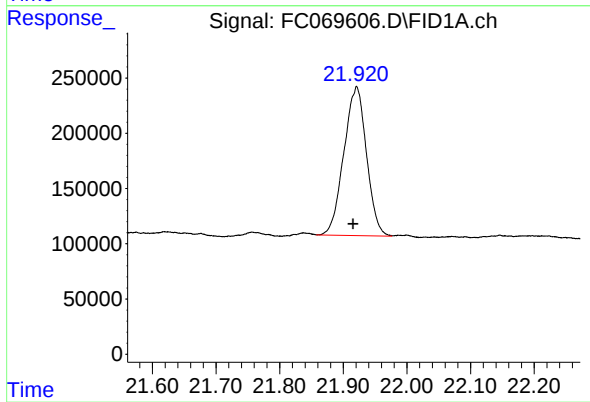
#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: 0.005 min
Response: 3218618
Conc: 40.01 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-4MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: 0.005 min
Response: 3328514
Conc: 44.45 ug/ml m