

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052090.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 11:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/28/2025
 Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
 Quant Time: Jan 28 01:59:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.197	2671271	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.611	2063065	17.984 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	3.681	2053508	19.261 ug/ml
2) T n-Decane (C10)	4.907	2164797	19.774 ug/ml
3) T A~Naphthalene (C11.7)	6.601	2455982	20.211 ug/ml
4) T n-Dodecane (C12)	7.034	2256945	19.997 ug/ml
5) T A~2-methylnaphthalene...	7.680	2416553	20.242 ug/ml
6) T n-Tetradecane (C14)	8.839	2302228	19.794 ug/ml
7) T n-Hexadecane (C16)	10.432	2420188	19.190 ug/ml
8) T n-Octadecane (C18)	11.865	2471464	18.680 ug/ml
10) T n-Eicosane (C20)	13.166	2394853	18.268 ug/ml
11) T n-Heneicosane (C21)	13.775	2360656	18.136 ug/ml
13) T n-Docosane (C22)	14.357	2343611	17.858 ug/ml
14) T n-Tetracosane (C24)	15.455	2322867	17.487 ug/ml
15) T n-Hexacosane (C26)	16.472	2274569	17.207 ug/ml
16) T n-Octacosane (C28)	17.418	2227923	16.880 ug/ml
17) T n-Tricontane (C30)	18.303	2274987	16.686 ug/ml
18) T n-Dotriacontane (C32)	19.132	2191900	16.725 ug/ml
19) T n-Tetratriacontane (C34)	19.914	1925794	17.105 ug/ml
20) T n-Hexatriacontane (C36)	20.651	1678126	17.668 ug/ml
21) T n-Octatriacontane (C38)	21.436	1600407	18.527 ug/mlm
22) T n-Tetracontane (C40)	22.435	1608899	19.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
Data File : FE052090.D
Signal(s) : FID1B.ch
Acq On : 27 Jan 2025 11:16
Operator : YP\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 4 Sample Multiplier: 1

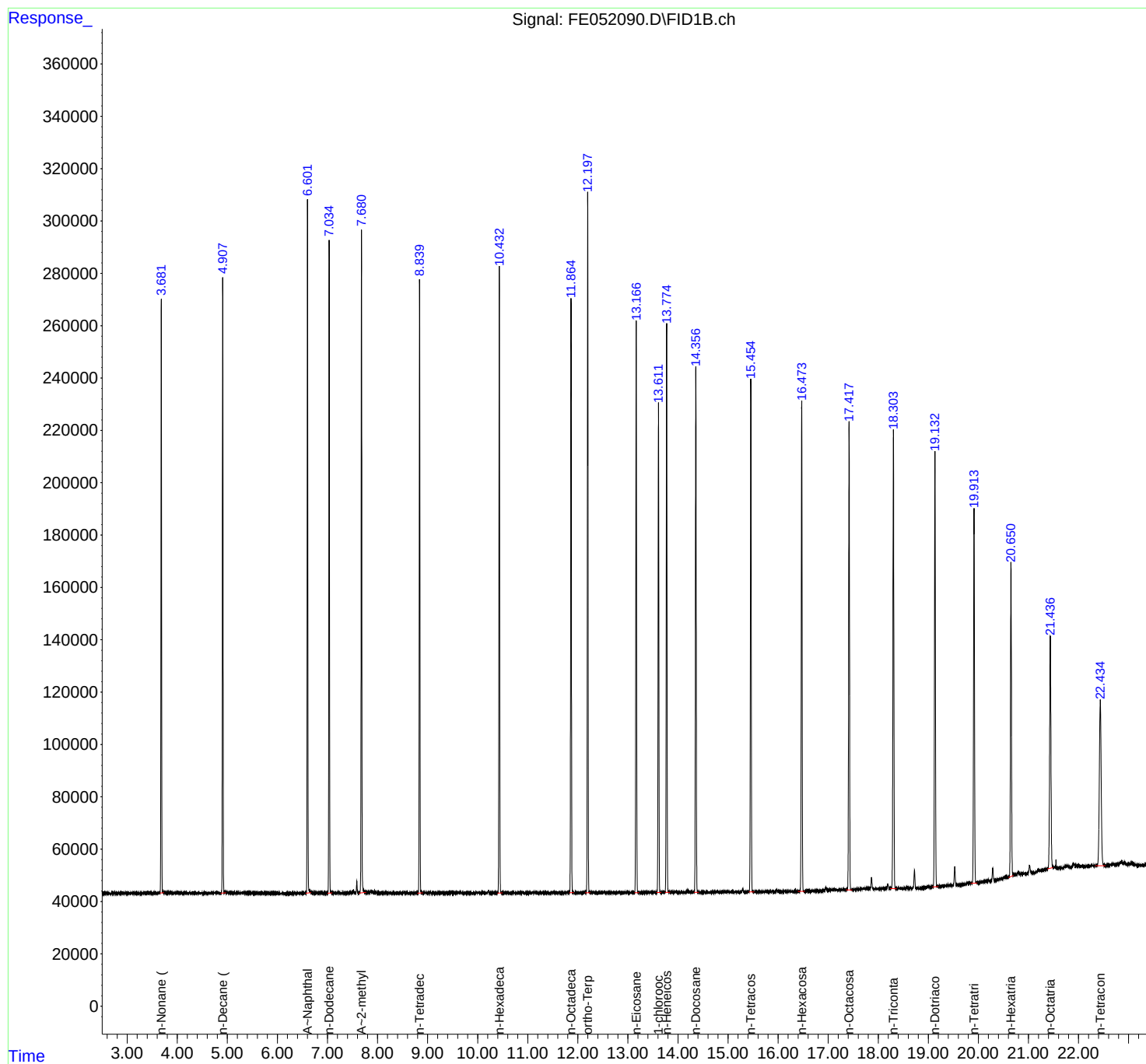
Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

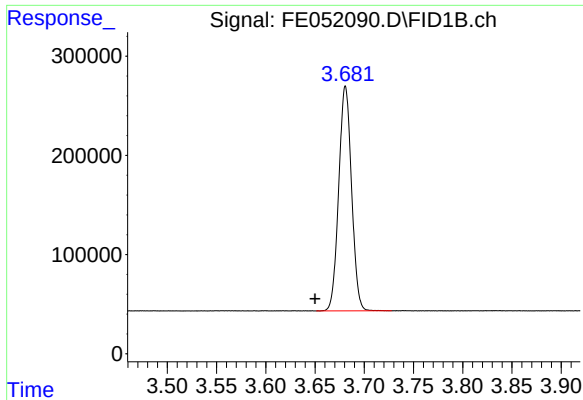
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
Quant Time: Jan 28 01:59:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
Quant Title : GC Extractables
QLast Update : Thu Jan 16 16:05:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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





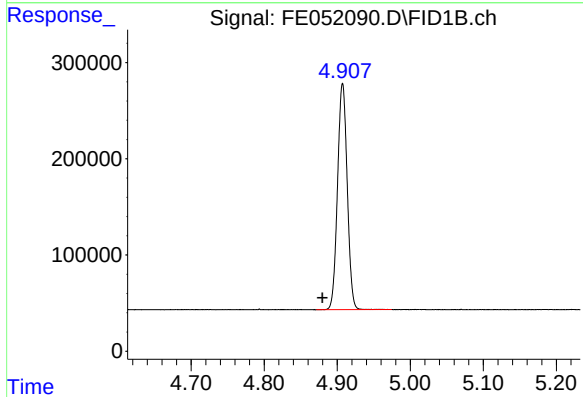
#1 n-Nonane (C9)

R.T.: 3.681 min
Delta R.T.: 0.031 min
Response: 2053508
Conc: 19.26 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

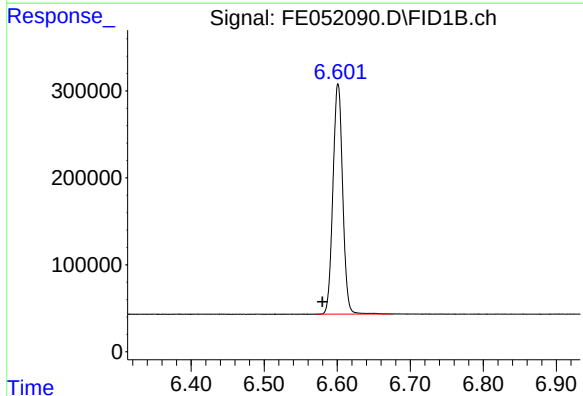
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



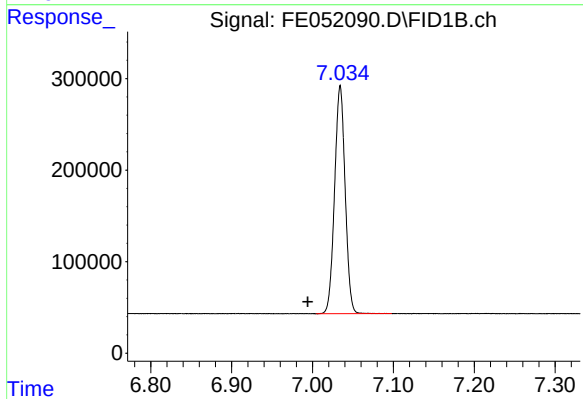
#2 n-Decane (C10)

R.T.: 4.907 min
Delta R.T.: 0.027 min
Response: 2164797
Conc: 19.77 ug/ml



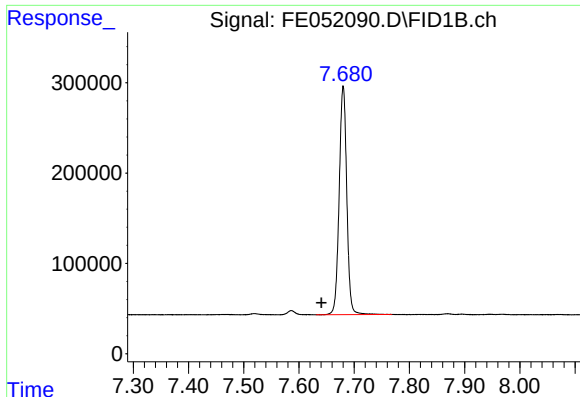
#3 A~Naphthalene (C11.7)

R.T.: 6.601 min
Delta R.T.: 0.021 min
Response: 2455982
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.034 min
Delta R.T.: 0.040 min
Response: 2256945
Conc: 20.00 ug/ml



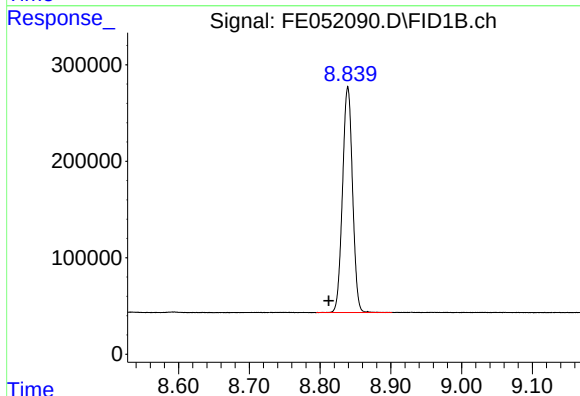
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.680 min
Delta R.T.: 0.040 min
Response: 2416553
Conc: 20.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

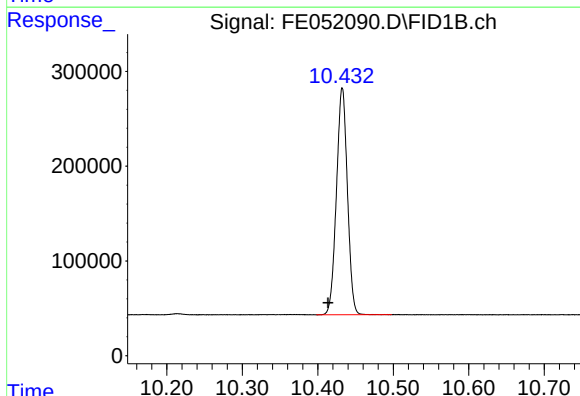
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



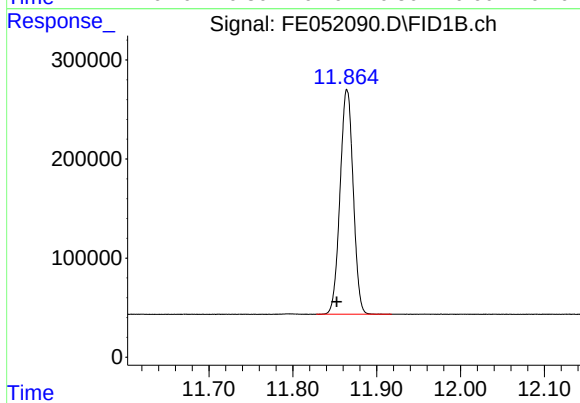
#6 n-Tetradecane (C14)

R.T.: 8.839 min
Delta R.T.: 0.027 min
Response: 2302228
Conc: 19.79 ug/ml



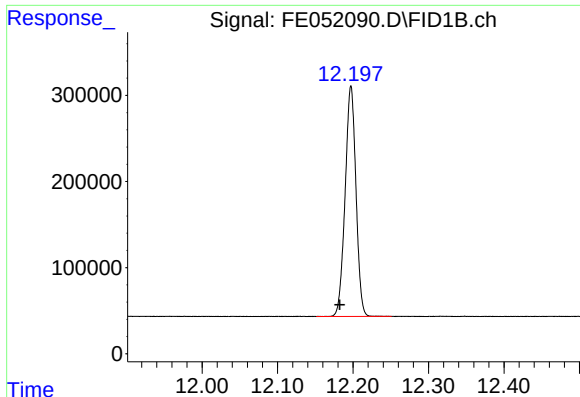
#7 n-Hexadecane (C16)

R.T.: 10.432 min
Delta R.T.: 0.019 min
Response: 2420188
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.865 min
Delta R.T.: 0.012 min
Response: 2471464
Conc: 18.68 ug/ml



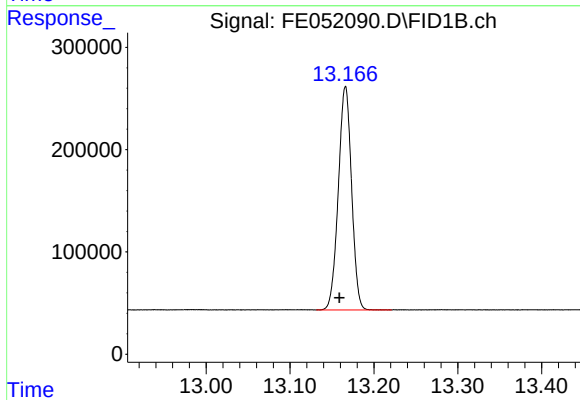
#9 ortho-Terphenyl (SURR)

R.T.: 12.197 min
Delta R.T.: 0.015 min
Response: 2671271
Conc: 18.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

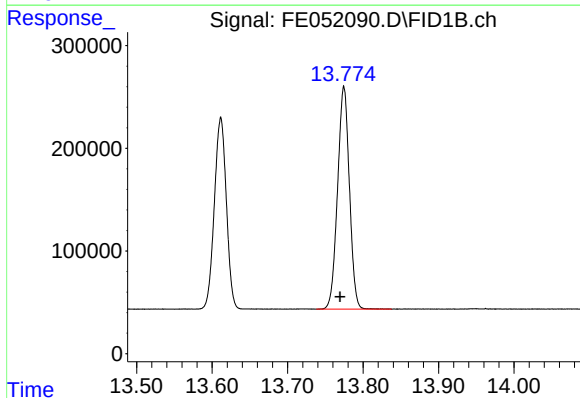
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



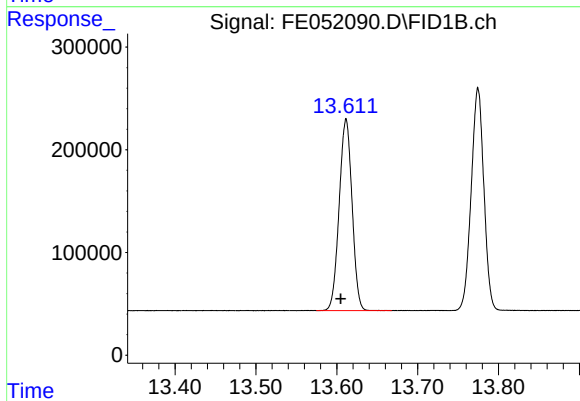
#10 n-Eicosane (C20)

R.T.: 13.166 min
Delta R.T.: 0.007 min
Response: 2394853
Conc: 18.27 ug/ml



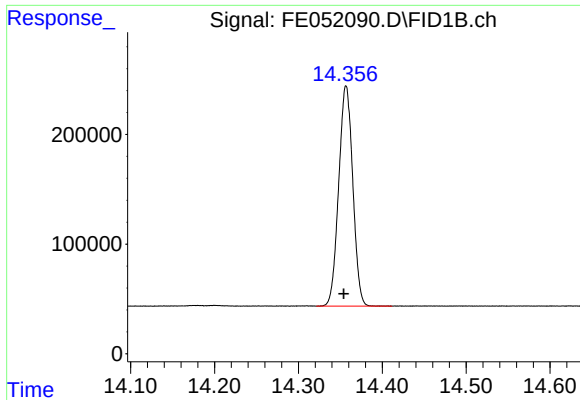
#11 n-Heneicosane (C21)

R.T.: 13.775 min
Delta R.T.: 0.005 min
Response: 2360656
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.611 min
Delta R.T.: 0.007 min
Response: 2063065
Conc: 17.98 ug/ml



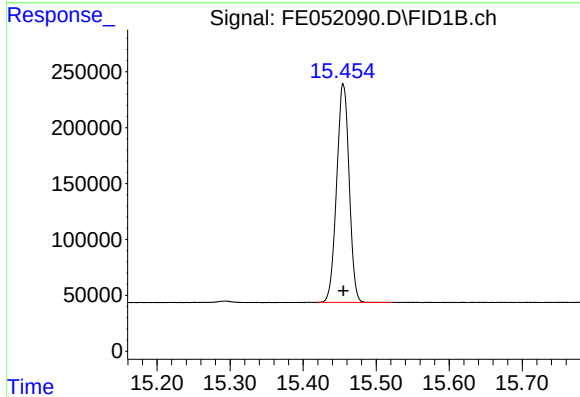
#13 n-Docosane (C22)

R.T.: 14.357 min
Delta R.T.: 0.003 min
Response: 2343611
Conc: 17.86 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

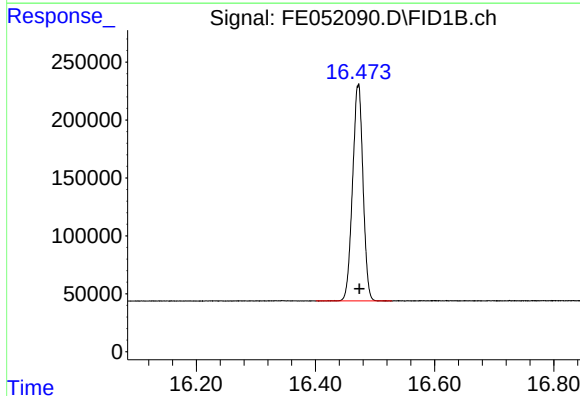
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



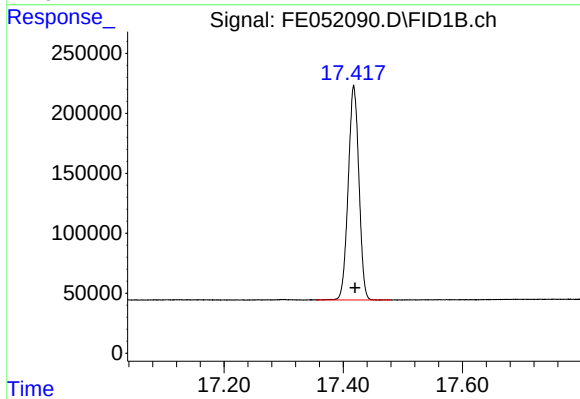
#14 n-Tetracosane (C24)

R.T.: 15.455 min
Delta R.T.: 0.000 min
Response: 2322867
Conc: 17.49 ug/ml



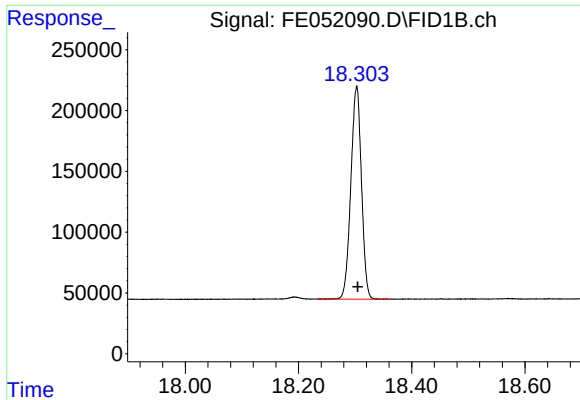
#15 n-Hexacosane (C26)

R.T.: 16.472 min
Delta R.T.: -0.002 min
Response: 2274569
Conc: 17.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.418 min
Delta R.T.: -0.002 min
Response: 2227923
Conc: 16.88 ug/ml



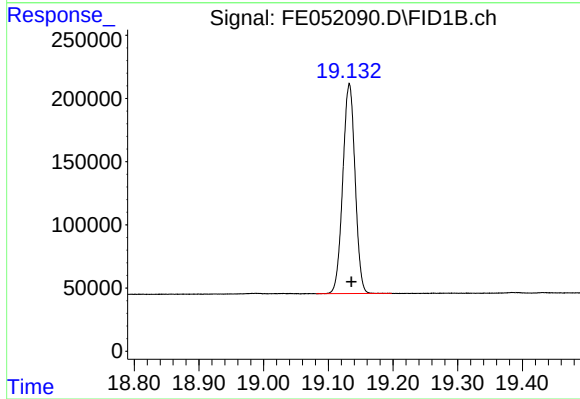
#17 n-Tricontane (C30)

R.T.: 18.303 min
Delta R.T.: -0.002 min
Response: 2274987
Conc: 16.69 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

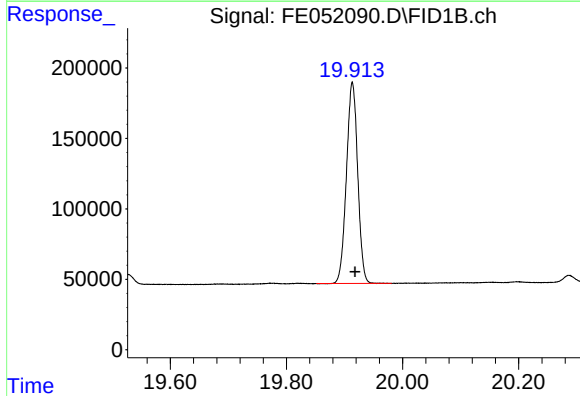
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



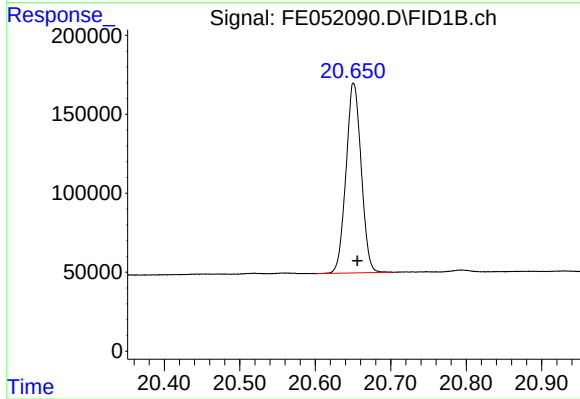
#18 n-Dotriacontane (C32)

R.T.: 19.132 min
Delta R.T.: -0.003 min
Response: 2191900
Conc: 16.73 ug/ml



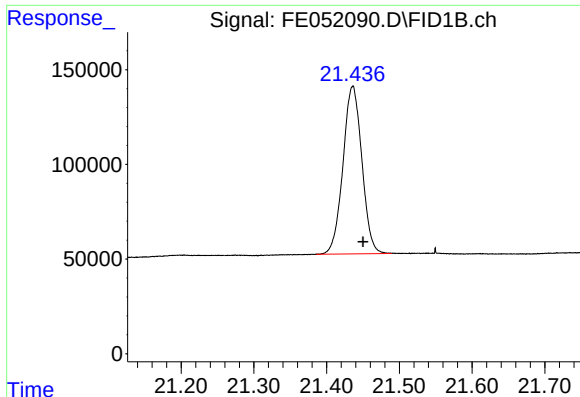
#19 n-Tetratriacontane (C34)

R.T.: 19.914 min
Delta R.T.: -0.005 min
Response: 1925794
Conc: 17.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.651 min
Delta R.T.: -0.005 min
Response: 1678126
Conc: 17.67 ug/ml



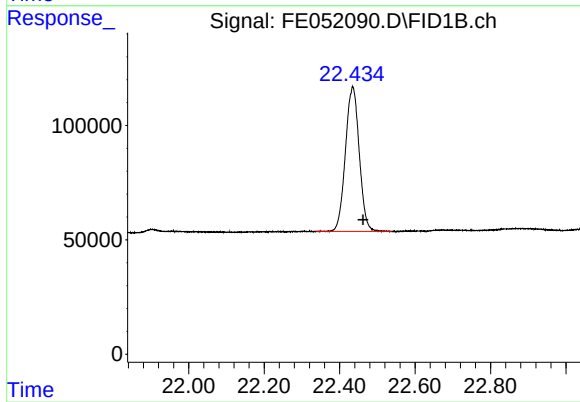
#21 n-Octatriacontane (C38)

R.T.: 21.436 min
Delta R.T.: -0.014 min
Response: 1600407
Conc: 18.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/28/2025
Supervised By :Ankita Jodhani 01/28/2025



#22 n-Tetracontane (C40)

R.T.: 22.435 min
Delta R.T.: -0.027 min
Response: 1608899
Conc: 19.52 ug/ml