

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052092.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 13:18
 Operator : YP\AJ
 Sample : PB166257BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166257BS

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 02:00:45 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)	12.198	4711114	32.962 ug/ml
Spiked Amount 50.000		Recovery =	65.92%
12) S 1-chlorooctadecane (S...	13.613	3914342	34.122 ug/ml
Spiked Amount 50.000		Recovery =	68.24%
Target Compounds			
1) T n-Nonane (C9)	3.687	4252175	39.884 ug/ml
2) T n-Decane (C10)	4.910	4587147	41.900 ug/ml
3) T A~Naphthalene (C11.7)	6.601	5441061	44.776 ug/ml
4) T n-Dodecane (C12)	7.035	4832703	42.818 ug/ml
5) T A~2-methylnaphthalene...	7.680	5102752	42.742 ug/ml
6) T n-Tetradecane (C14)	8.841	5044325	43.370 ug/ml
7) T n-Hexadecane (C16)	10.433	5128316	40.662 ug/ml
8) T n-Octadecane (C18)	11.866	5203066	39.326 ug/ml
10) T n-Eicosane (C20)	13.168	5364938	40.924 ug/ml
11) T n-Heneicosane (C21)	13.776	5142802	39.511 ug/ml
13) T n-Docosane (C22)	14.360	5100434	38.865 ug/ml
14) T n-Tetracosane (C24)	15.463	10169460	76.560 ug/ml
15) T n-Hexacosane (C26)	16.475	4887709	36.976 ug/ml
16) T n-Octacosane (C28)	17.420	4821432	36.530 ug/ml
17) T n-Tricontane (C30)	18.305	4783890	35.088 ug/ml
18) T n-Dotriacontane (C32)	19.134	4679756	35.709 ug/ml
19) T n-Tetratriacontane (C34)	19.917	4612280	40.968 ug/ml
20) T n-Hexatriacontane (C36)	20.654	4296451	45.234 ug/ml
21) T n-Octatriacontane (C38)	21.440	4148158	48.021 ug/mlm
22) T n-Tetracontane (C40)	22.438	4150045	50.358 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
Data File : FE052092.D
Signal(s) : FID1B.ch
Acq On : 27 Jan 2025 13:18
Operator : YP\AJ
Sample : PB166257BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166257BS

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 02:00:45 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

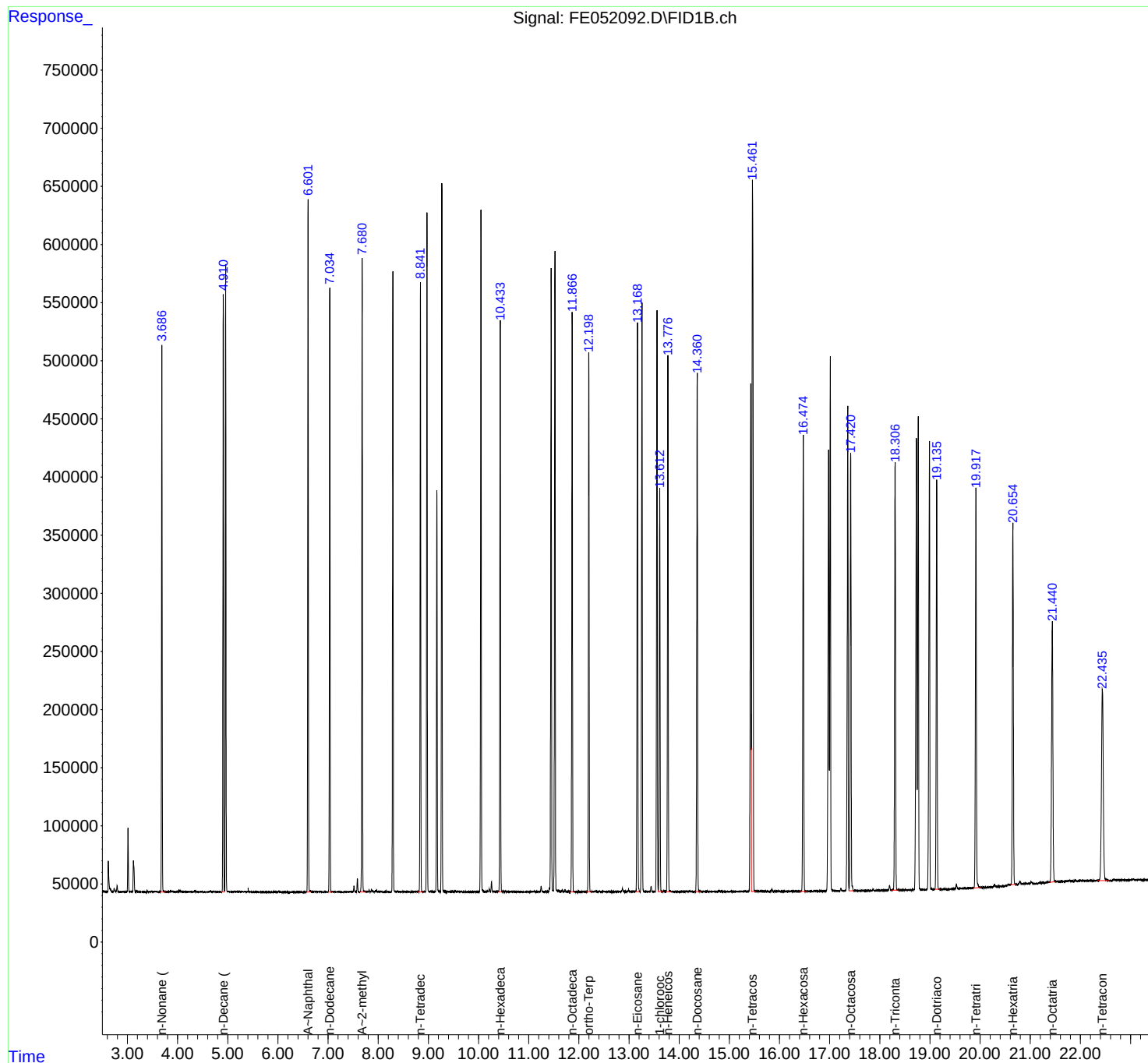
Response via : Initial Calibration

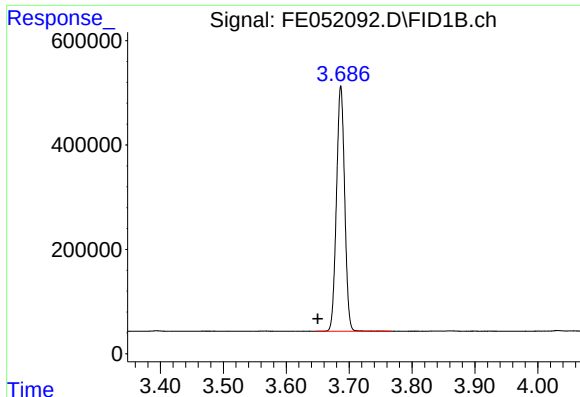
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.687 min
Delta R.T.: 0.037 min
Response: 4252175
Conc: 39.88 ug/ml

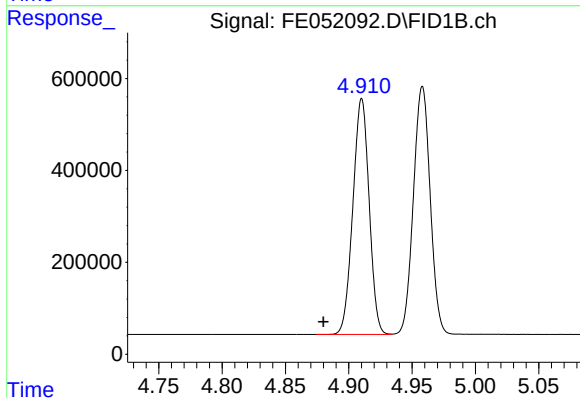
Instrument :

FID_E

ClientSampleId :
PB166257BS

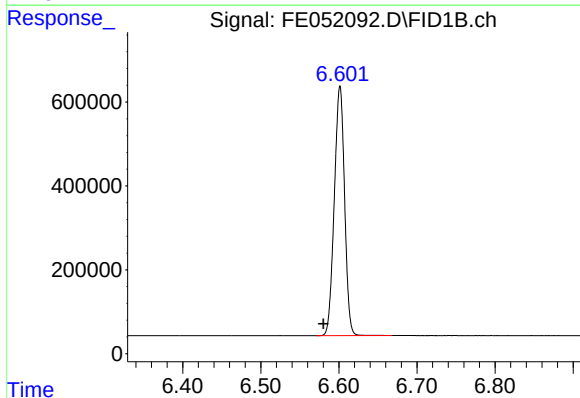
Manual Integrations
APPROVED

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



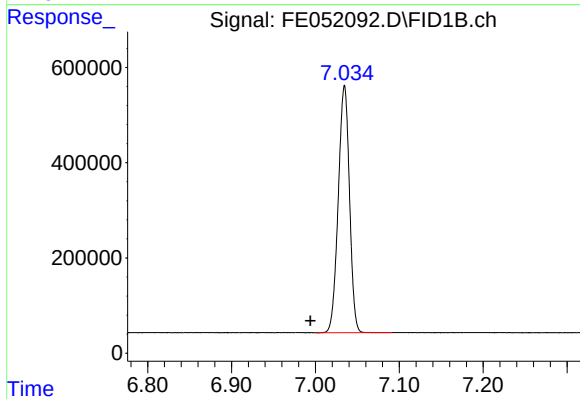
#2 n-Decane (C10)

R.T.: 4.910 min
Delta R.T.: 0.030 min
Response: 4587147
Conc: 41.90 ug/ml



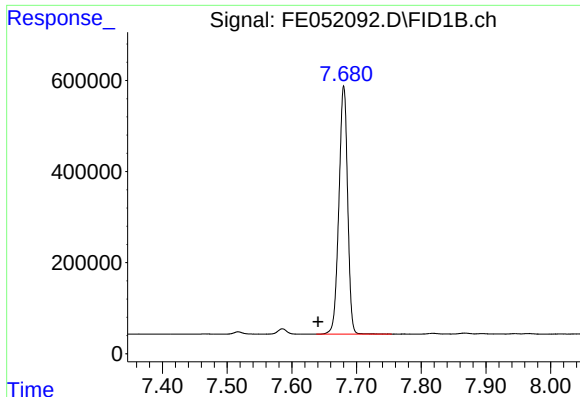
#3 A~Naphthalene (C11.7)

R.T.: 6.601 min
Delta R.T.: 0.021 min
Response: 5441061
Conc: 44.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.035 min
Delta R.T.: 0.040 min
Response: 4832703
Conc: 42.82 ug/ml



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

R.T.: 7.680 min
Delta R.T.: 0.040 min
Response: 5102752
Conc: 42.74 ug/ml

Instrument :

FID_E

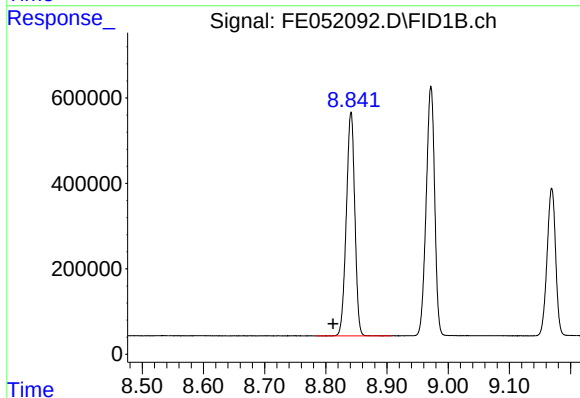
ClientSampleId :

PB166257BS

Manual Integrations

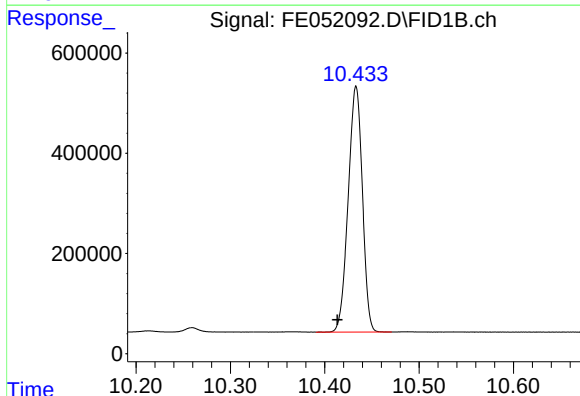
APPROVED

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



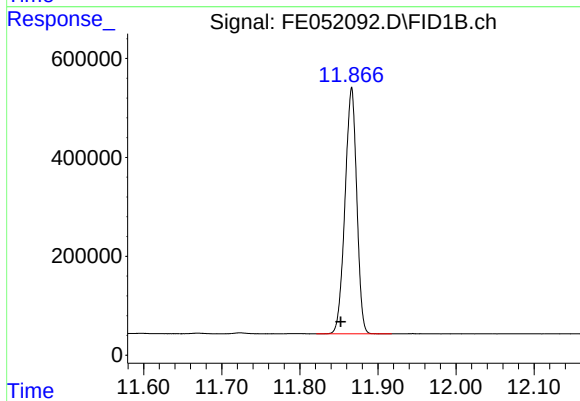
#6 n-Tetradecane (C14)

R.T.: 8.841 min
Delta R.T.: 0.029 min
Response: 5044325
Conc: 43.37 ug/ml



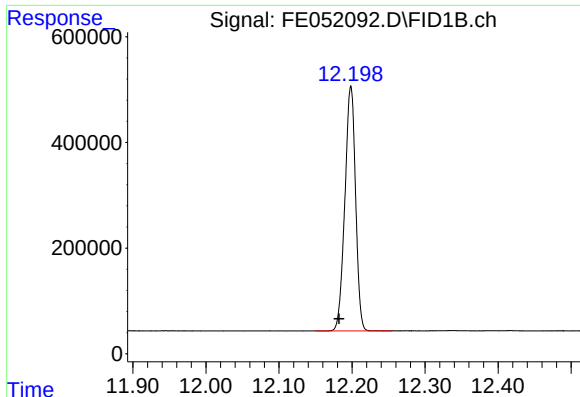
#7 n-Hexadecane (C16)

R.T.: 10.433 min
Delta R.T.: 0.020 min
Response: 5128316
Conc: 40.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.866 min
Delta R.T.: 0.014 min
Response: 5203066
Conc: 39.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.198 min
Delta R.T.: 0.016 min
Response: 4711114
Conc: 32.96 ug/ml

Instrument :

FID_E

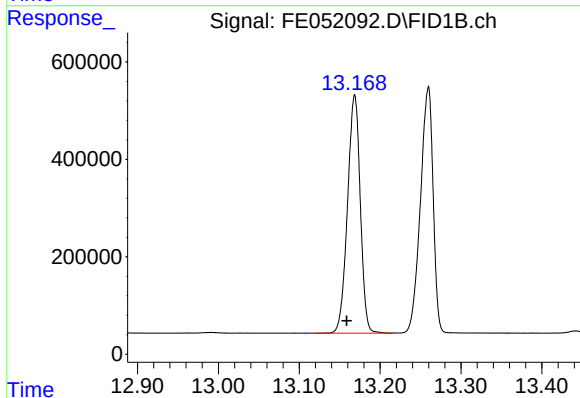
ClientSampleId :

PB166257BS

Manual Integrations

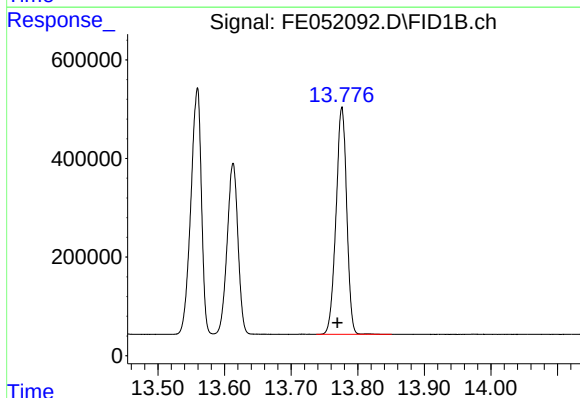
APPROVED

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



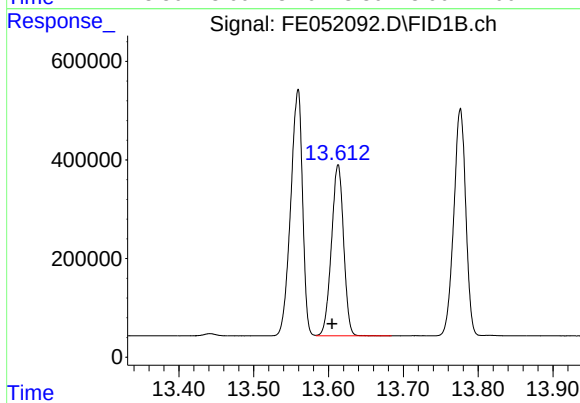
#10 n-Eicosane (C20)

R.T.: 13.168 min
Delta R.T.: 0.009 min
Response: 5364938
Conc: 40.92 ug/ml



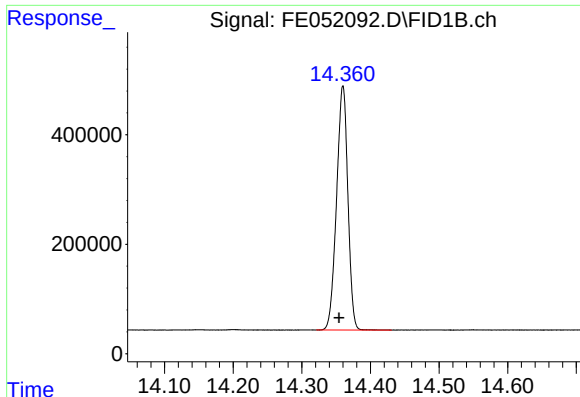
#11 n-Heneicosane (C21)

R.T.: 13.776 min
Delta R.T.: 0.007 min
Response: 5142802
Conc: 39.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.613 min
Delta R.T.: 0.008 min
Response: 3914342
Conc: 34.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.360 min
Delta R.T.: 0.006 min
Response: 5100434
Conc: 38.86 ug/ml

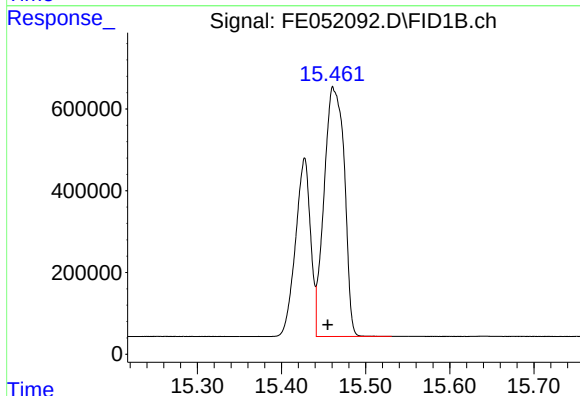
Instrument :

FID_E

ClientSampleId :
PB166257BS

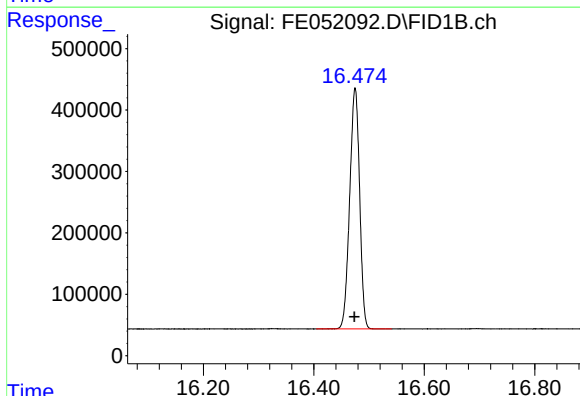
Manual Integrations
APPROVED

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



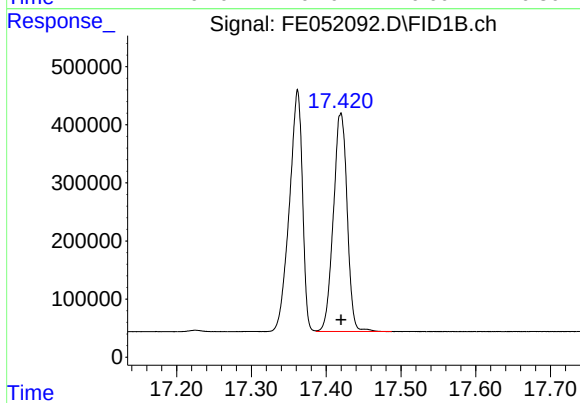
#14 n-Tetracosane (C24)

R.T.: 15.463 min
Delta R.T.: 0.007 min
Response: 10169460
Conc: 76.56 ug/ml



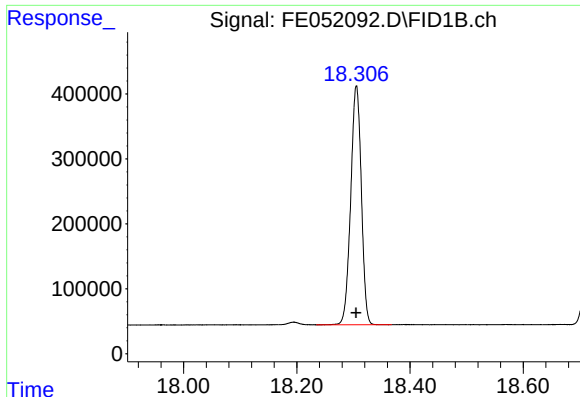
#15 n-Hexacosane (C26)

R.T.: 16.475 min
Delta R.T.: 0.000 min
Response: 4887709
Conc: 36.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.420 min
Delta R.T.: 0.000 min
Response: 4821432
Conc: 36.53 ug/ml



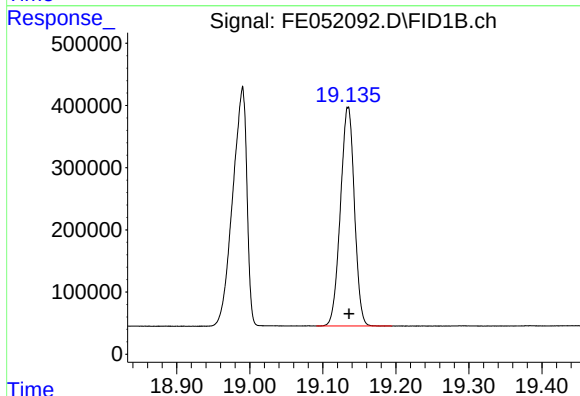
#17 n-Tricontane (C30)

R.T.: 18.305 min
Delta R.T.: 0.000 min
Response: 4783890
Conc: 35.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166257BS

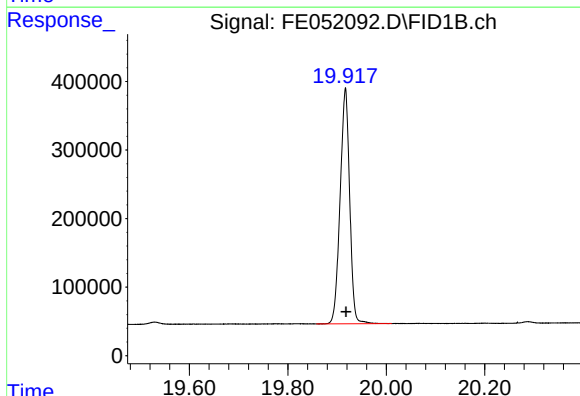
Manual Integrations
APPROVED

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



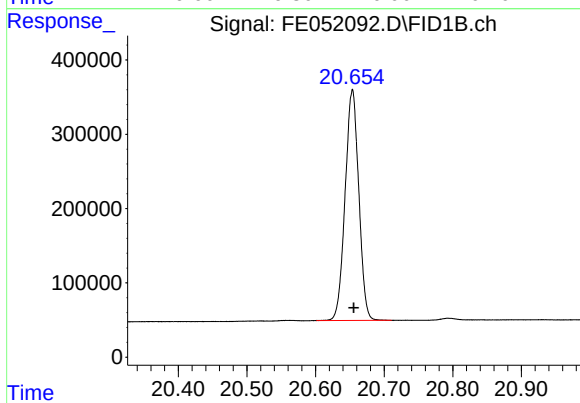
#18 n-Dotriacontane (C32)

R.T.: 19.134 min
Delta R.T.: -0.001 min
Response: 4679756
Conc: 35.71 ug/ml



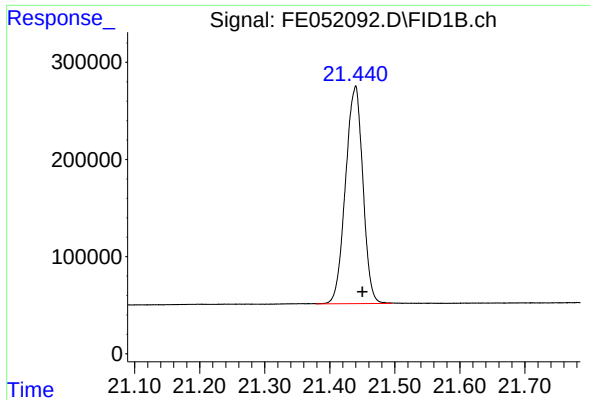
#19 n-Tetratriacontane (C34)

R.T.: 19.917 min
Delta R.T.: -0.002 min
Response: 4612280
Conc: 40.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min
Delta R.T.: -0.002 min
Response: 4296451
Conc: 45.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.440 min
Delta R.T.: -0.010 min
Response: 4148158
Conc: 48.02 ug/ml

Instrument :

FID_E

ClientSampleId :

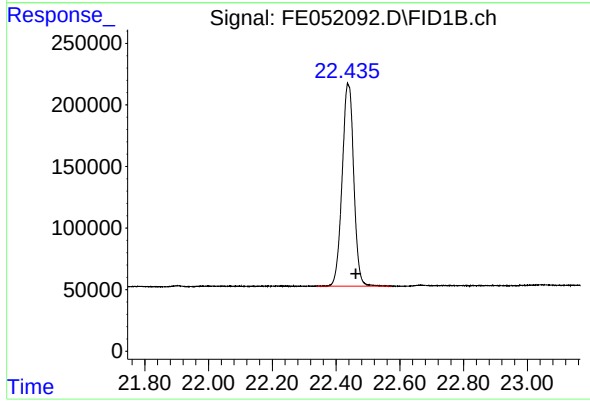
PB166257BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/28/2025

Supervised By :Ankita Jodhani 01/28/2025



#22 n-Tetracontane (C40)

R.T.: 22.438 min
Delta R.T.: -0.024 min
Response: 4150045
Conc: 50.36 ug/ml