

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
 Data File : FE052348.D
 Signal(s) : FID1B.ch
 Acq On : 11 Feb 2025 14:53
 Operator : YP\AJ
 Sample : PB166666BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166666BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/12/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e

Quant Time: Feb 12 01:18:42 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 07 07:52:07 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)	12.313	4319811	34.902 ug/ml
Spiked Amount 50.000		Recovery =	69.80%
12) S 1-chlorooctadecane (S...	13.724	3585933	36.335 ug/ml
Spiked Amount 50.000		Recovery =	72.67%
Target Compounds			
1) T n-Nonane (C9)	3.783	3371583	36.097 ug/ml
2) T n-Decane (C10)	5.008	3588150	37.364 ug/ml
3) T A~Naphthalene (C11.7)	6.708	4243661	39.708 ug/ml
4) T n-Dodecane (C12)	7.135	3737598	37.709 ug/ml
5) T A~2-methylnaphthalene...	7.789	3971874	37.924 ug/ml
6) T n-Tetradecane (C14)	8.945	3886678	38.515 ug/ml
7) T n-Hexadecane (C16)	10.540	3948868	36.390 ug/ml
8) T n-Octadecane (C18)	11.974	4008933	35.289 ug/ml
10) T n-Eicosane (C20)	13.276	4129647	36.594 ug/mlm
11) T n-Heneicosane (C21)	13.886	3976209	35.308 ug/ml
13) T n-Docosane (C22)	14.470	3949008	34.888 ug/ml
14) T n-Tetracosane (C24)	15.549	8176157	71.111 ug/mlm
15) T n-Hexacosane (C26)	16.584	3806957	33.196 ug/ml
16) T n-Octacosane (C28)	17.529	3699293	32.695 ug/ml
17) T n-Tricontane (C30)	18.414	3715747	32.609 ug/ml
18) T n-Dotriacontane (C32)	19.242	3591762	32.944 ug/ml
19) T n-Tetratriacontane (C34)	20.023	3339614	35.201 ug/ml
20) T n-Hexatriacontane (C36)	20.761	3020013	36.549 ug/ml
21) T n-Octatriacontane (C38)	21.575	2877323	38.730 ug/ml
22) T n-Tetracontane (C40)	22.616	2719582	36.478 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021125AL\
Data File : FE052348.D
Signal(s) : FID1B.ch
Acq On : 11 Feb 2025 14:53
Operator : YP\AJ
Sample : PB166666BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

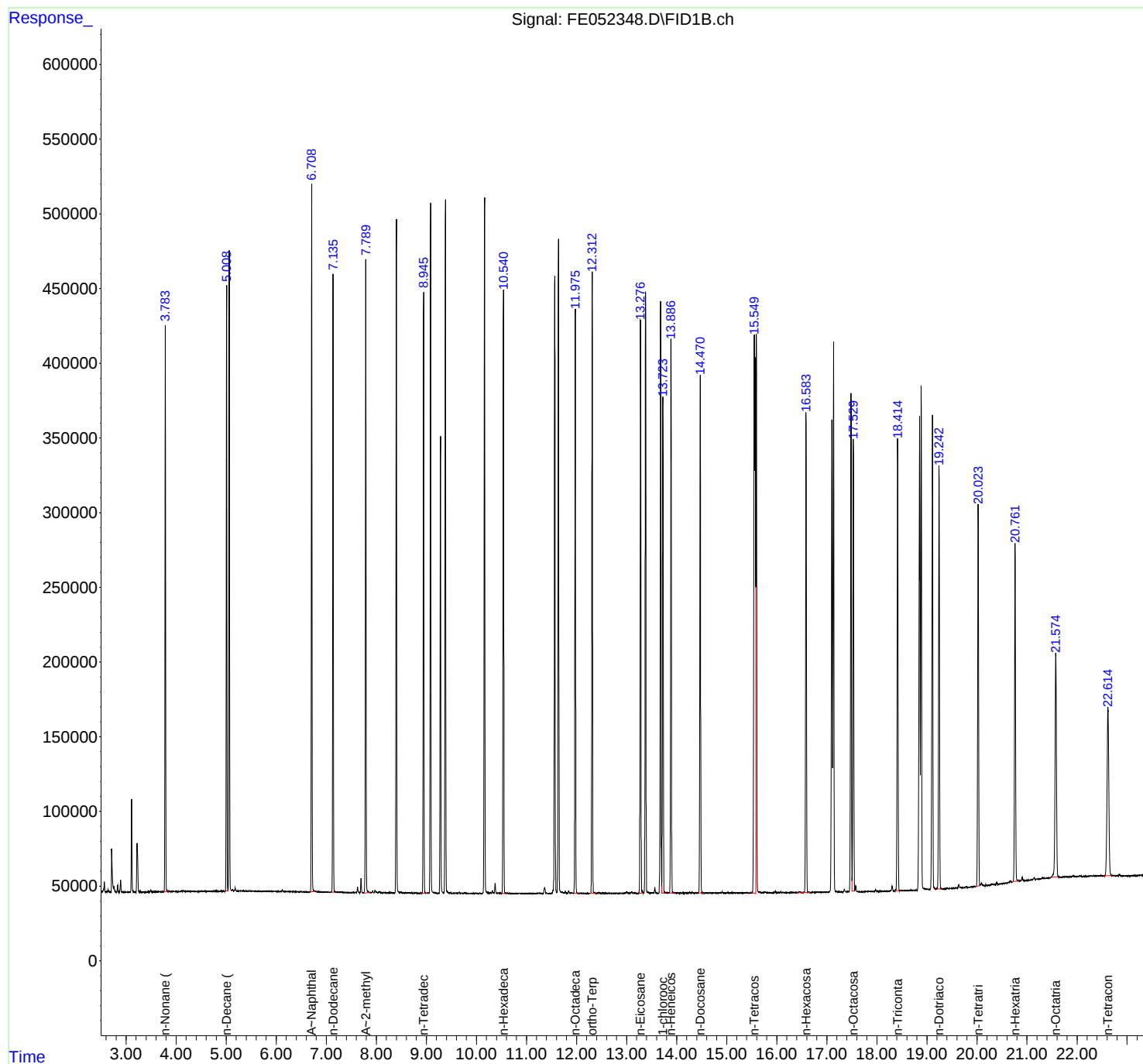
Instrument :
FID_E
ClientSampleId :
PB166666BSD

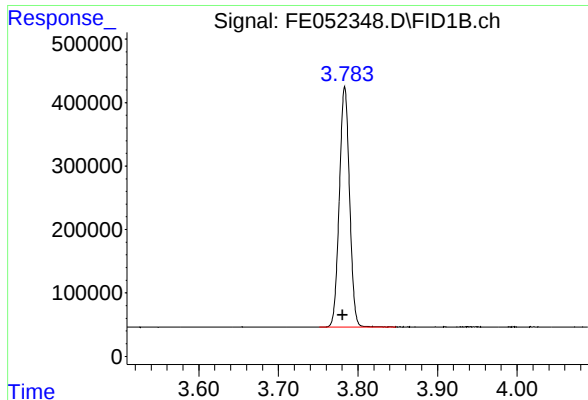
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025

Integration File: autoint1.e
Quant Time: Feb 12 01:18:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.
Quant Title : GC Extractables
QLast Update : Fri Feb 07 07:52:07 2025
Response via : Initial Calibration
Integrator: ChemStation

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





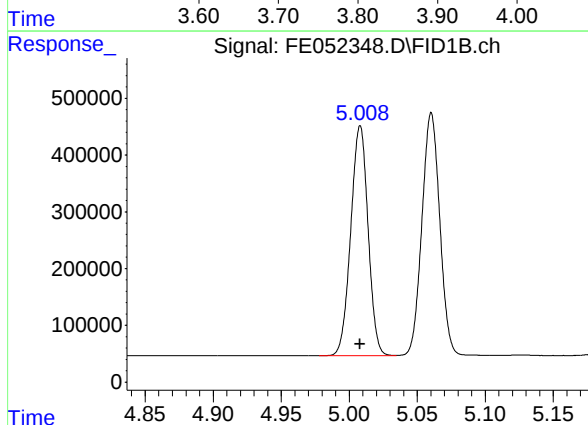
#1 n-Nonane (C9)

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 3371583
Conc: 36.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166666BSD

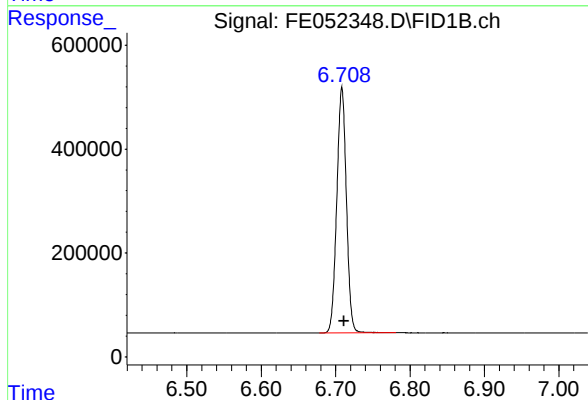
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



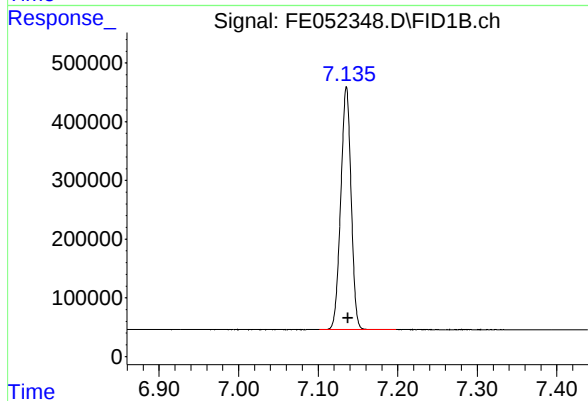
#2 n-Decane (C10)

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 3588150
Conc: 37.36 ug/ml



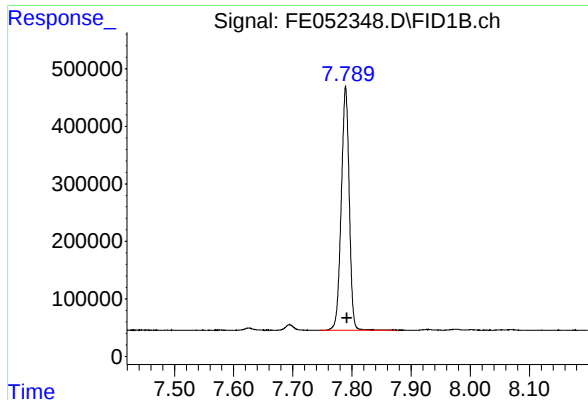
#3 A~Naphthalene (C11.7)

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 4243661
Conc: 39.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 3737598
Conc: 37.71 ug/ml



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

R.T.: 7.789 min
Delta R.T.: -0.002 min
Response: 3971874
Conc: 37.92 ug/ml

Instrument :

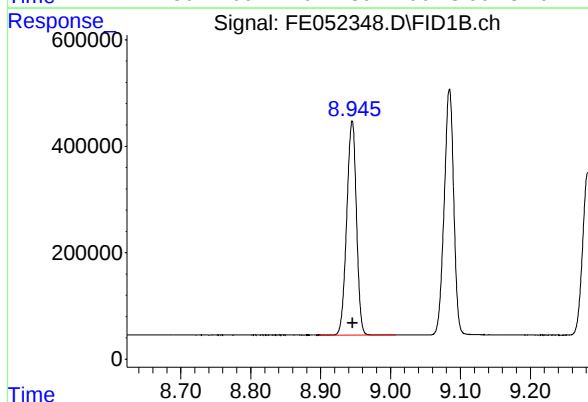
FID_E

ClientSampleId :

PB166666BSD

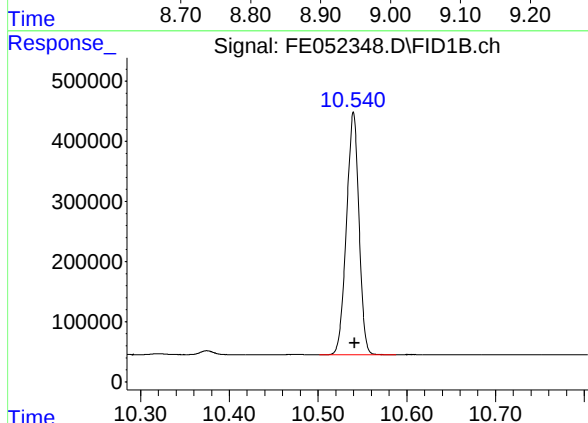
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



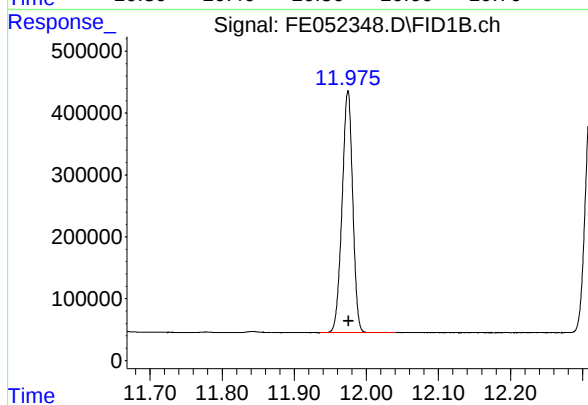
#6 n-Tetradecane (C14)

R.T.: 8.945 min
Delta R.T.: 0.000 min
Response: 3886678
Conc: 38.52 ug/ml



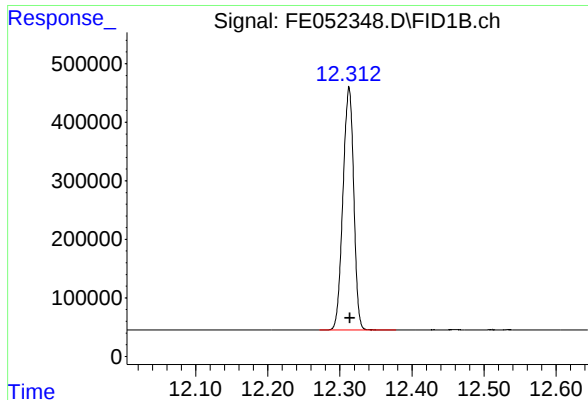
#7 n-Hexadecane (C16)

R.T.: 10.540 min
Delta R.T.: -0.001 min
Response: 3948868
Conc: 36.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.974 min
Delta R.T.: -0.001 min
Response: 4008933
Conc: 35.29 ug/ml



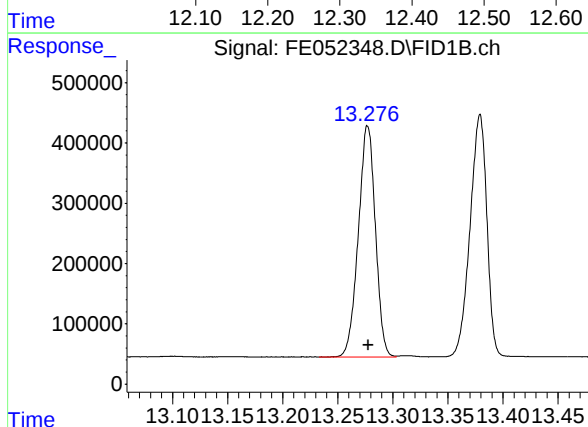
#9 ortho-Terphenyl (SURR)

R.T.: 12.313 min
Delta R.T.: -0.002 min
Response: 4319811
Conc: 34.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166666BSD

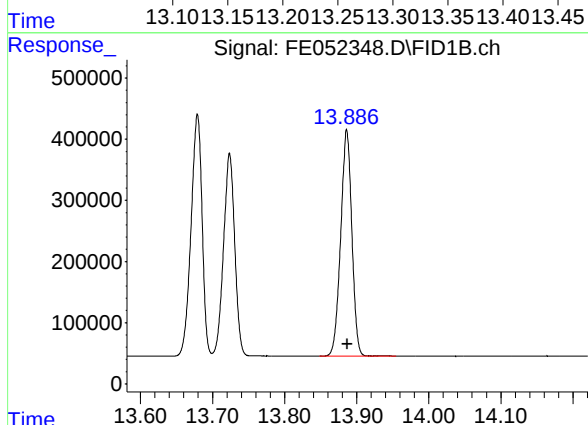
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



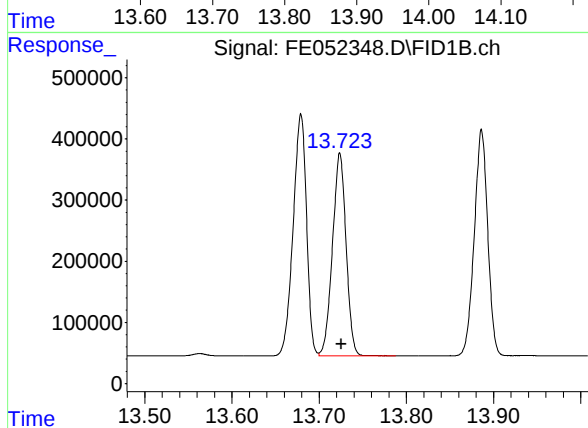
#10 n-Eicosane (C20)

R.T.: 13.276 min
Delta R.T.: -0.002 min
Response: 4129647
Conc: 36.59 ug/ml



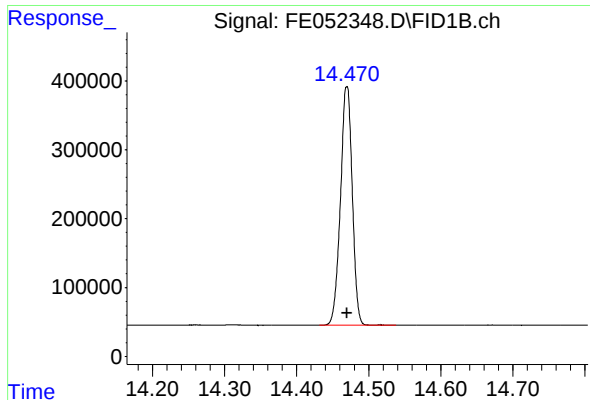
#11 n-Heneicosane (C21)

R.T.: 13.886 min
Delta R.T.: 0.000 min
Response: 3976209
Conc: 35.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.724 min
Delta R.T.: -0.002 min
Response: 3585933
Conc: 36.33 ug/ml



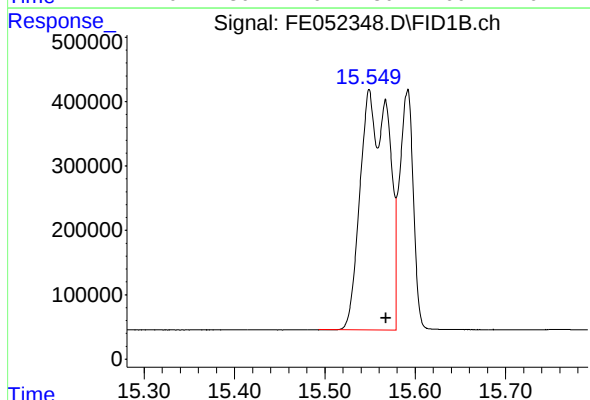
#13 n-Docosane (C22)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 3949008
Conc: 34.89 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166666BSD

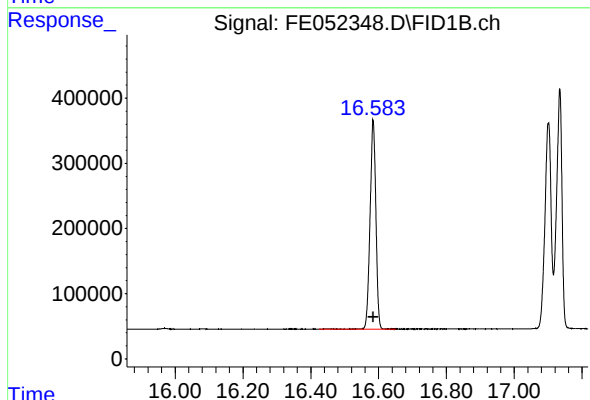
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



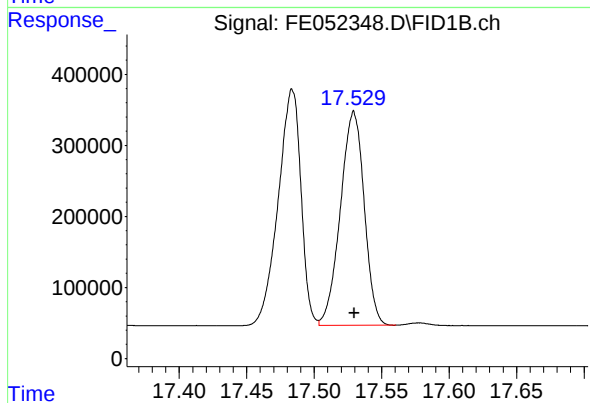
#14 n-Tetracosane (C24)

R.T.: 15.549 min
Delta R.T.: -0.019 min
Response: 8176157
Conc: 71.11 ug/ml



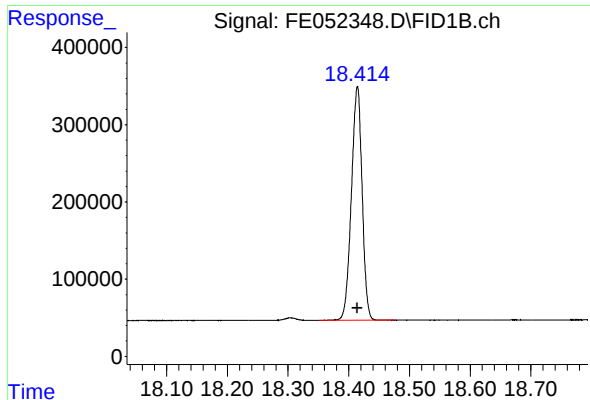
#15 n-Hexacosane (C26)

R.T.: 16.584 min
Delta R.T.: 0.000 min
Response: 3806957
Conc: 33.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.529 min
Delta R.T.: 0.000 min
Response: 3699293
Conc: 32.70 ug/ml



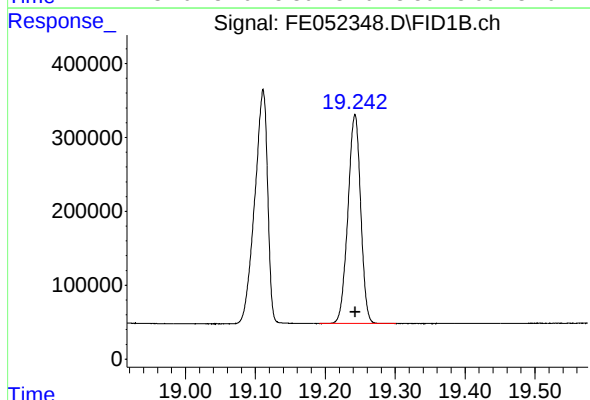
#17 n-Tricontane (C30)

R.T.: 18.414 min
Delta R.T.: 0.000 min
Response: 3715747
Conc: 32.61 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166666BSD

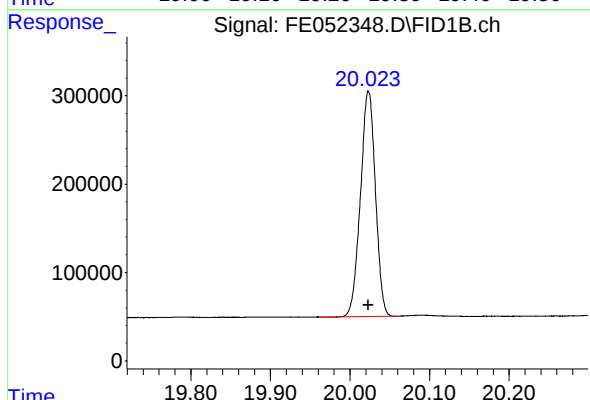
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



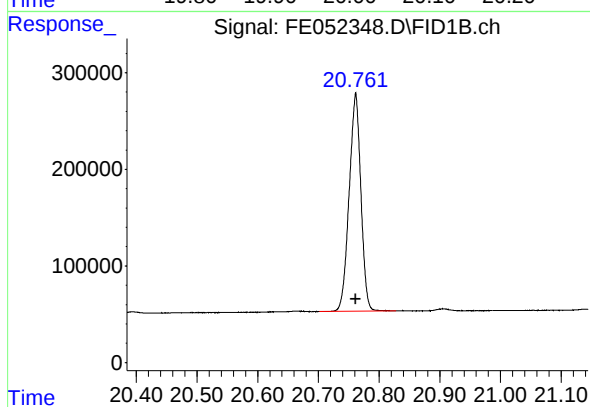
#18 n-Dotriacontane (C32)

R.T.: 19.242 min
Delta R.T.: 0.000 min
Response: 3591762
Conc: 32.94 ug/ml



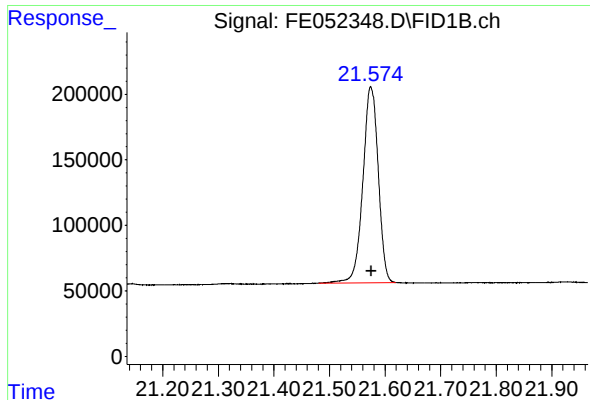
#19 n-Tetratriacontane (C34)

R.T.: 20.023 min
Delta R.T.: 0.000 min
Response: 3339614
Conc: 35.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.761 min
Delta R.T.: 0.000 min
Response: 3020013
Conc: 36.55 ug/ml



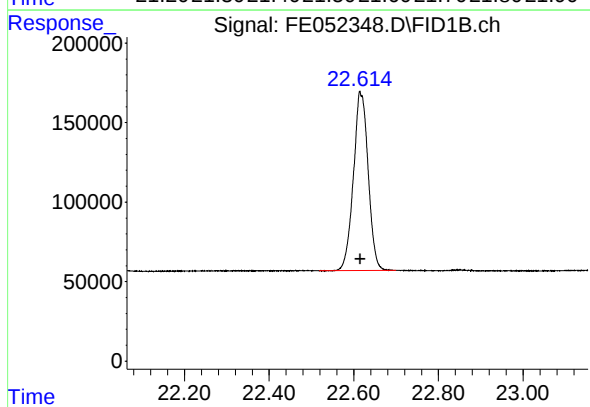
#21 n-Octatriacontane (C38)

R.T.: 21.575 min
Delta R.T.: 0.000 min
Response: 2877323
Conc: 38.73 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166666BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/12/2025
Supervised By :Ankita Jodhani 02/12/2025



#22 n-Tetracontane (C40)

R.T.: 22.616 min
Delta R.T.: 0.000 min
Response: 2719582
Conc: 36.48 ug/ml