

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052318.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 15:57
 Operator : YP\AJ
 Sample : PB166637BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166637BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 03:59:02 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)	12.314	4290839	34.668 ug/ml
Spiked Amount 50.000		Recovery =	69.34%
12) S 1-chlorooctadecane (S...	13.726	3561367	36.086 ug/ml
Spiked Amount 50.000		Recovery =	72.17%
Target Compounds			
1) T n-Nonane (C9)	3.781	3149607	33.720 ug/ml
2) T n-Decane (C10)	5.007	3366961	35.061 ug/ml
3) T A~Naphthalene (C11.7)	6.709	4034442	37.750 ug/ml
4) T n-Dodecane (C12)	7.136	3541783	35.733 ug/ml
5) T A~2-methylnaphthalene...	7.790	3764159	35.941 ug/ml
6) T n-Tetradecane (C14)	8.946	3684743	36.514 ug/ml
7) T n-Hexadecane (C16)	10.540	3745820	34.519 ug/ml
8) T n-Octadecane (C18)	11.976	3803522	33.481 ug/ml
10) T n-Eicosane (C20)	13.279	3922877	34.761 ug/mlm
11) T n-Heneicosane (C21)	13.888	3786966	33.628 ug/ml
13) T n-Docosane (C22)	14.471	3762689	33.242 ug/ml
14) T n-Tetracosane (C24)	15.552	8080750	70.281 ug/mlm
15) T n-Hexacosane (C26)	16.587	3642387	31.761 ug/mlm
16) T n-Octacosane (C28)	17.532	3548925	31.366 ug/ml
17) T n-Tricontane (C30)	18.417	3567025	31.304 ug/ml
18) T n-Dotriacontane (C32)	19.245	3484641	31.962 ug/ml
19) T n-Tetratriacontane (C34)	20.026	3369932	35.521 ug/ml
20) T n-Hexatriacontane (C36)	20.764	3211257	38.864 ug/ml
21) T n-Octatriacontane (C38)	21.579	3082685	41.495 ug/ml
22) T n-Tetracontane (C40)	22.621	3074331	41.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
Data File : FE052318.D
Signal(s) : FID1B.ch
Acq On : 10 Feb 2025 15:57
Operator : YP\AJ
Sample : PB166637BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166637BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/11/2025

Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e

Quant Time: Feb 11 03:59:02 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

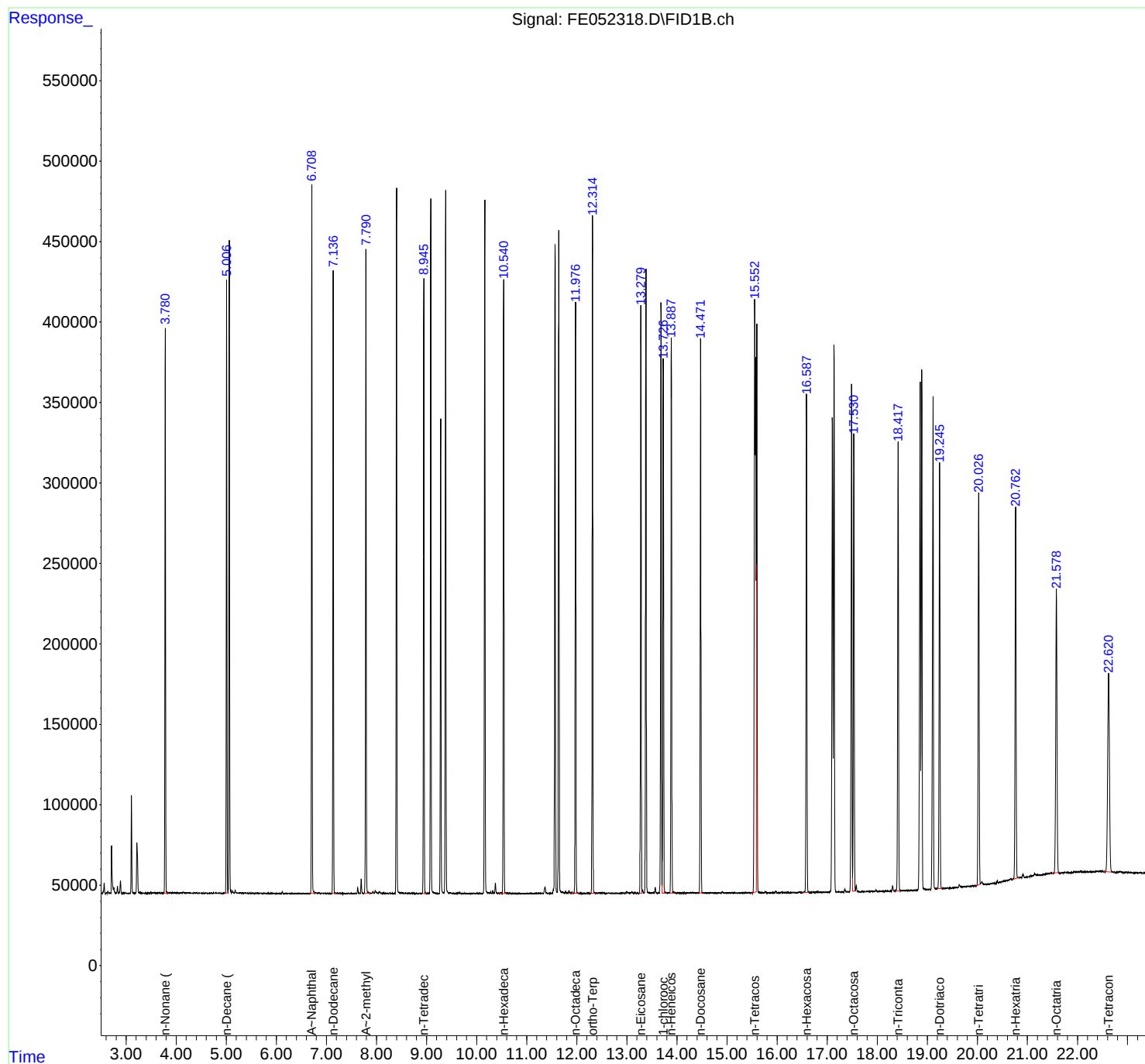
Response via : Initial Calibration

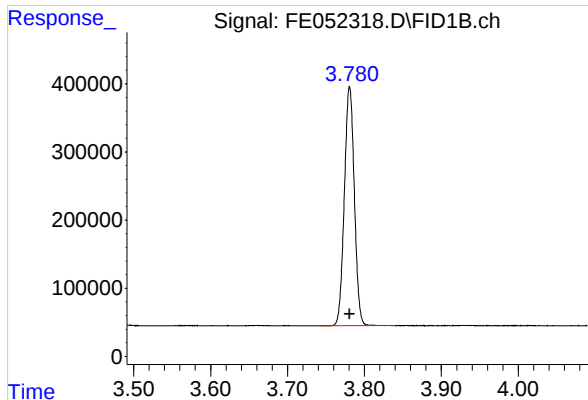
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





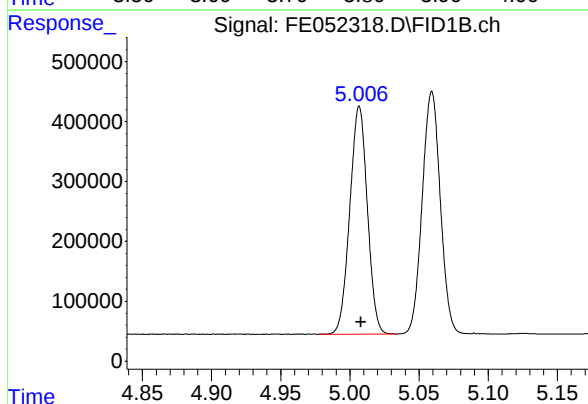
#1 n-Nonane (C9)

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 3149607
Conc: 33.72 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166637BS

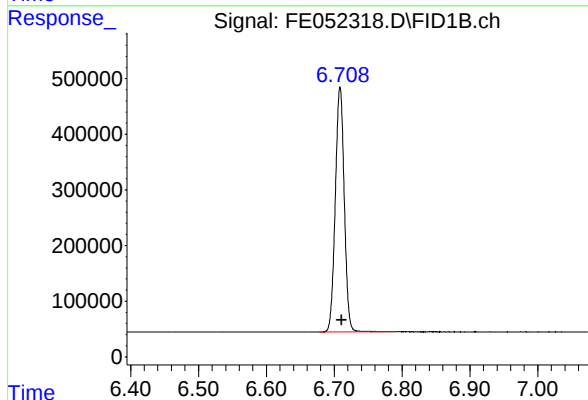
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



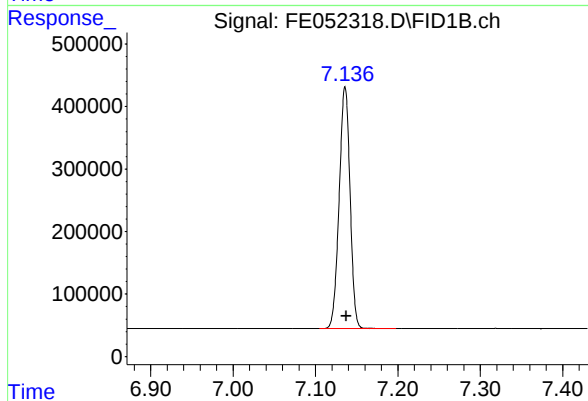
#2 n-Decane (C10)

R.T.: 5.007 min
Delta R.T.: -0.001 min
Response: 3366961
Conc: 35.06 ug/ml



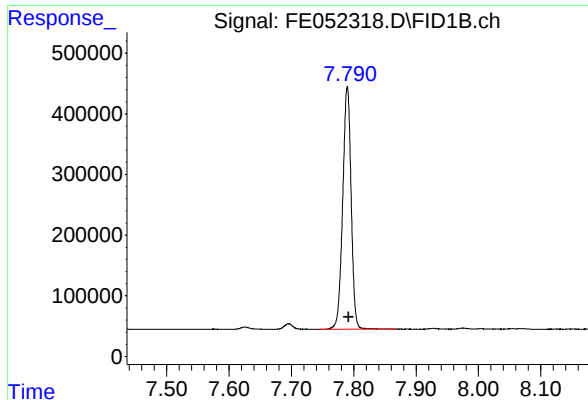
#3 A~Naphthalene (C11.7)

R.T.: 6.709 min
Delta R.T.: -0.003 min
Response: 4034442
Conc: 37.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 3541783
Conc: 35.73 ug/ml



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

R.T.: 7.790 min
Delta R.T.: -0.002 min
Response: 3764159
Conc: 35.94 ug/ml

Instrument :

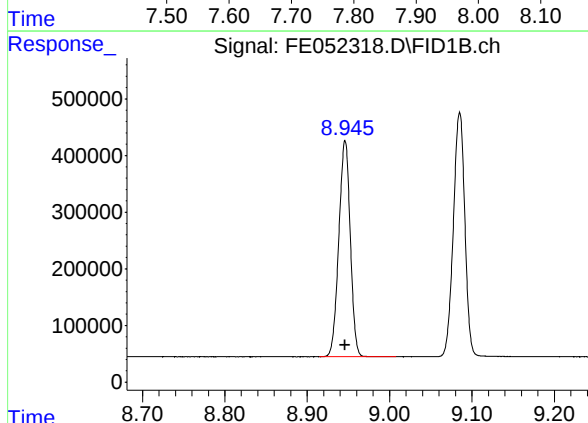
FID_E

ClientSampleId :

PB166637BS

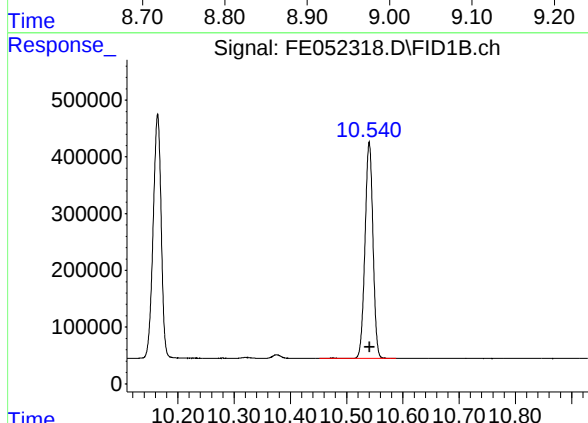
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



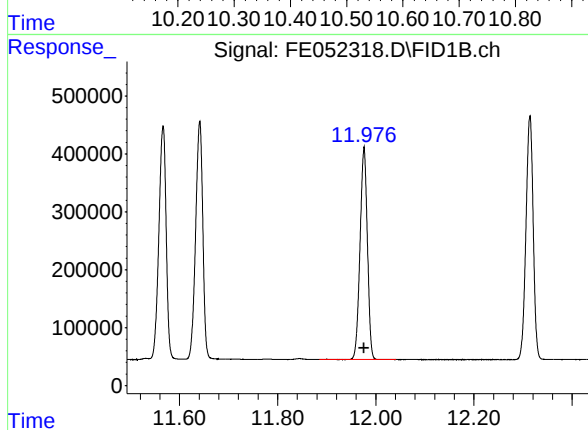
#6 n-Tetradecane (C14)

R.T.: 8.946 min
Delta R.T.: 0.000 min
Response: 3684743
Conc: 36.51 ug/ml



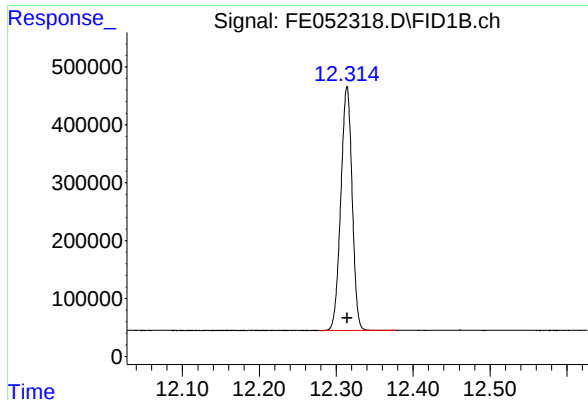
#7 n-Hexadecane (C16)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 3745820
Conc: 34.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.976 min
Delta R.T.: 0.000 min
Response: 3803522
Conc: 33.48 ug/ml



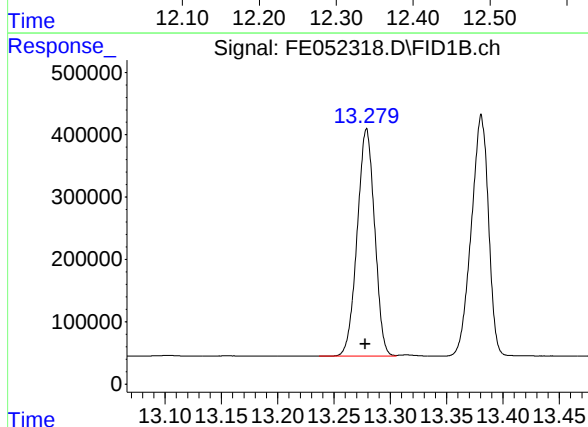
#9 ortho-Terphenyl (SURR)

R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 4290839
Conc: 34.67 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166637BS

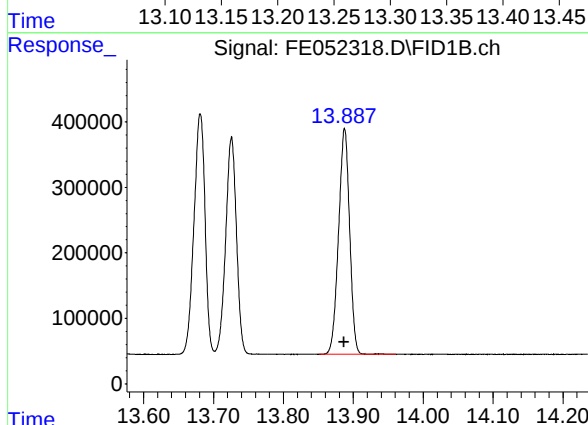
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



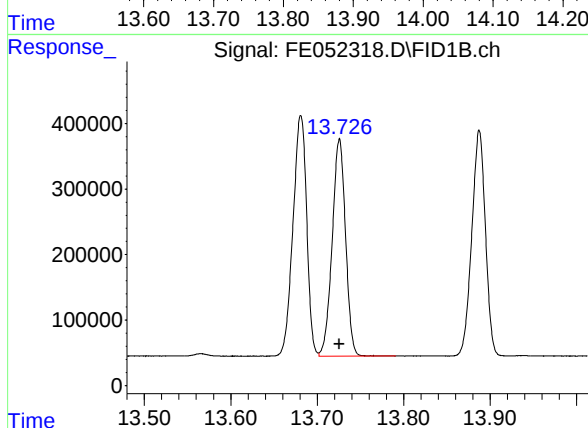
#10 n-Eicosane (C20)

R.T.: 13.279 min
Delta R.T.: 0.001 min
Response: 3922877
Conc: 34.76 ug/ml m



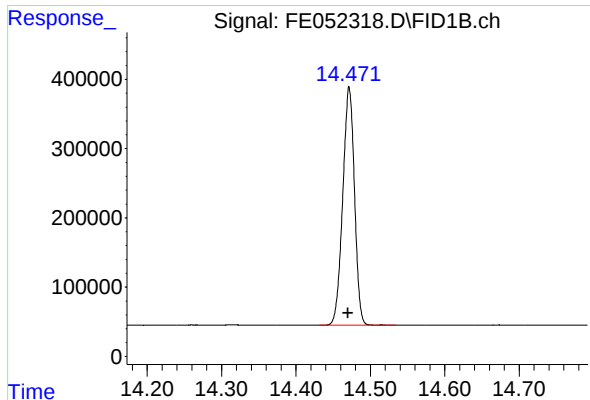
#11 n-Heneicosane (C21)

R.T.: 13.888 min
Delta R.T.: 0.000 min
Response: 3786966
Conc: 33.63 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.726 min
Delta R.T.: 0.000 min
Response: 3561367
Conc: 36.09 ug/ml



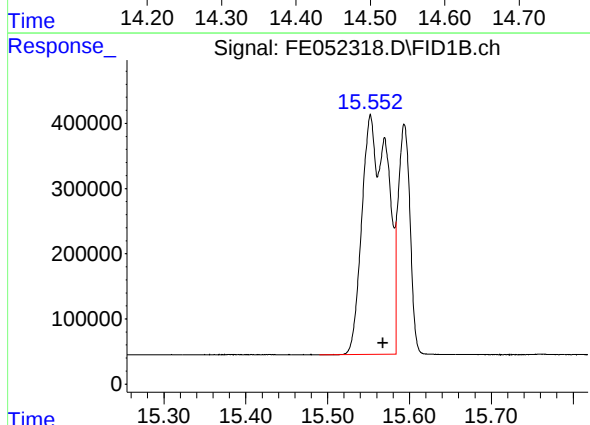
#13 n-Docosane (C22)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 3762689
Conc: 33.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166637BS

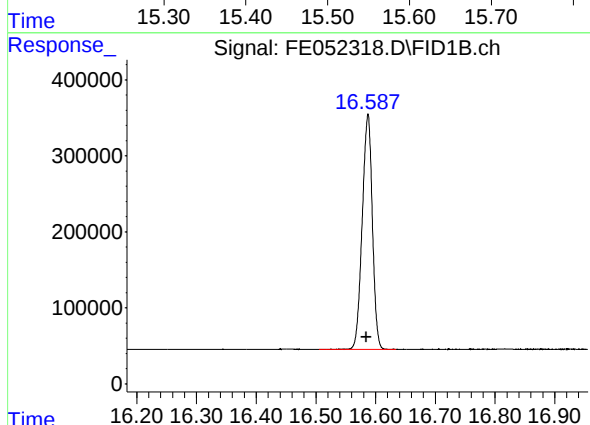
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



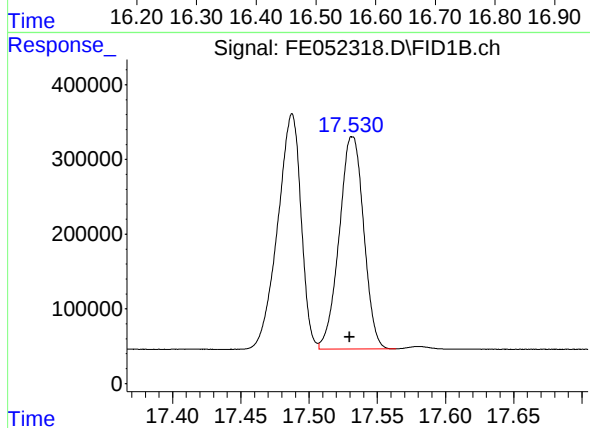
#14 n-Tetracosane (C24)

R.T.: 15.552 min
Delta R.T.: -0.016 min
Response: 8080750
Conc: 70.28 ug/ml m



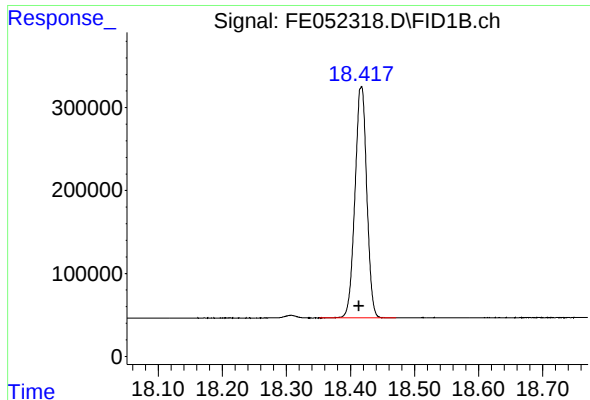
#15 n-Hexacosane (C26)

R.T.: 16.587 min
Delta R.T.: 0.003 min
Response: 3642387
Conc: 31.76 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.532 min
Delta R.T.: 0.002 min
Response: 3548925
Conc: 31.37 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.417 min
Delta R.T.: 0.003 min
Response: 3567025
Conc: 31.30 ug/ml

Instrument :

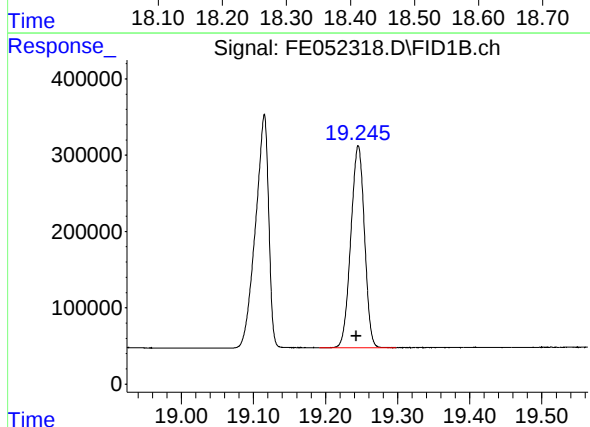
FID_E

ClientSampleId :

PB166637BS

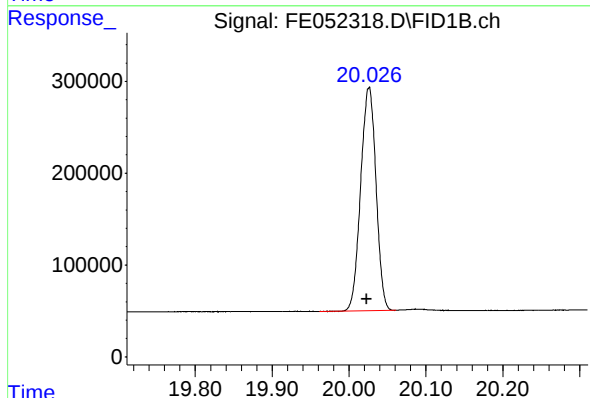
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



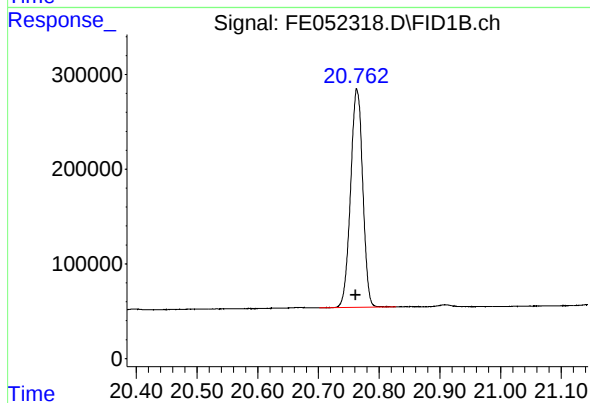
#18 n-Dotriacontane (C32)

R.T.: 19.245 min
Delta R.T.: 0.003 min
Response: 3484641
Conc: 31.96 ug/ml



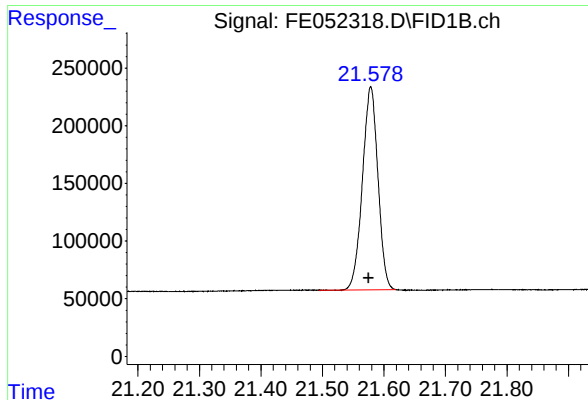
#19 n-Tetratriacontane (C34)

R.T.: 20.026 min
Delta R.T.: 0.003 min
Response: 3369932
Conc: 35.52 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.764 min
Delta R.T.: 0.003 min
Response: 3211257
Conc: 38.86 ug/ml



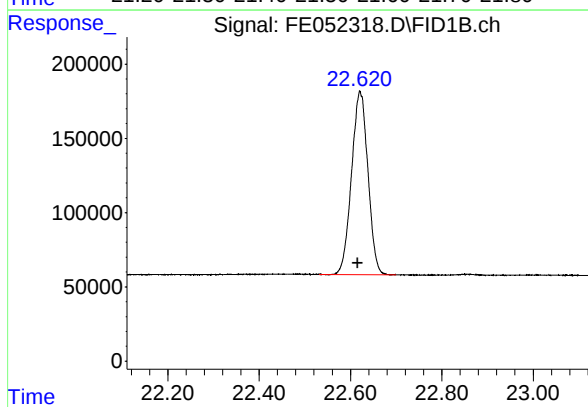
#21 n-Octatriacontane (C38)

R.T.: 21.579 min
Delta R.T.: 0.003 min
Response: 3082685
Conc: 41.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166637BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/11/2025
Supervised By :Ankita Jodhani 02/11/2025



#22 n-Tetracontane (C40)

R.T.: 22.621 min
Delta R.T.: 0.005 min
Response: 3074331
Conc: 41.24 ug/ml