

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052217.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 13:36
 Operator : YP\AJ
 Sample : PB166524BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB166524BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/05/2025

Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e

Quant Time: Feb 05 00:48:40 2025

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

Quant Title : GC Extractables

QLast Update : Mon Feb 03 15:16:54 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)	12.271	5077310	41.022 ug/ml
Spiked Amount 50.000		Recovery =	82.04%
12) S 1-chlorooctadecane (S...	13.687	4287747	43.446 ug/ml
Spiked Amount 50.000		Recovery =	86.89%
Target Compounds			
1) T n-Nonane (C9)	3.724	3469949	37.150 ug/ml
2) T n-Decane (C10)	4.953	3685639	38.379 ug/ml
3) T A~Naphthalene (C11.7)	6.655	4319996	40.422 ug/ml
4) T n-Dodecane (C12)	7.087	3846078	38.803 ug/ml
5) T A~2-methylnaphthalene...	7.739	4046284	38.634 ug/ml
6) T n-Tetradecane (C14)	8.900	4027426	39.910 ug/ml
7) T n-Hexadecane (C16)	10.497	4140874	38.159 ug/ml
8) T n-Octadecane (C18)	11.934	4256290	37.467 ug/ml
10) T n-Eicosane (C20)	13.239	4480270	39.701 ug/ml
11) T n-Heneicosane (C21)	13.849	4334154	38.487 ug/ml
13) T n-Docosane (C22)	14.433	4340318	38.346 ug/ml
14) T n-Tetracosane (C24)	15.553	8744165	76.051 ug/mlm
15) T n-Hexacosane (C26)	16.552	4317749	37.650 ug/ml
16) T n-Octacosane (C28)	17.498	4226966	37.359 ug/ml
17) T n-Tricontane (C30)	18.384	4393215	38.554 ug/ml
18) T n-Dotriacontane (C32)	19.213	4509709	41.364 ug/ml
19) T n-Tetratriacontane (C34)	19.993	4208704	44.362 ug/ml
20) T n-Hexatriacontane (C36)	20.731	3664385	44.348 ug/ml
21) T n-Octatriacontane (C38)	21.539	3170556	42.677 ug/mlm
22) T n-Tetracontane (C40)	22.570	2921497	39.186 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
Data File : FE052217.D
Signal(s) : FID1B.ch
Acq On : 04 Feb 2025 13:36
Operator : YP\AJ
Sample : PB166524BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

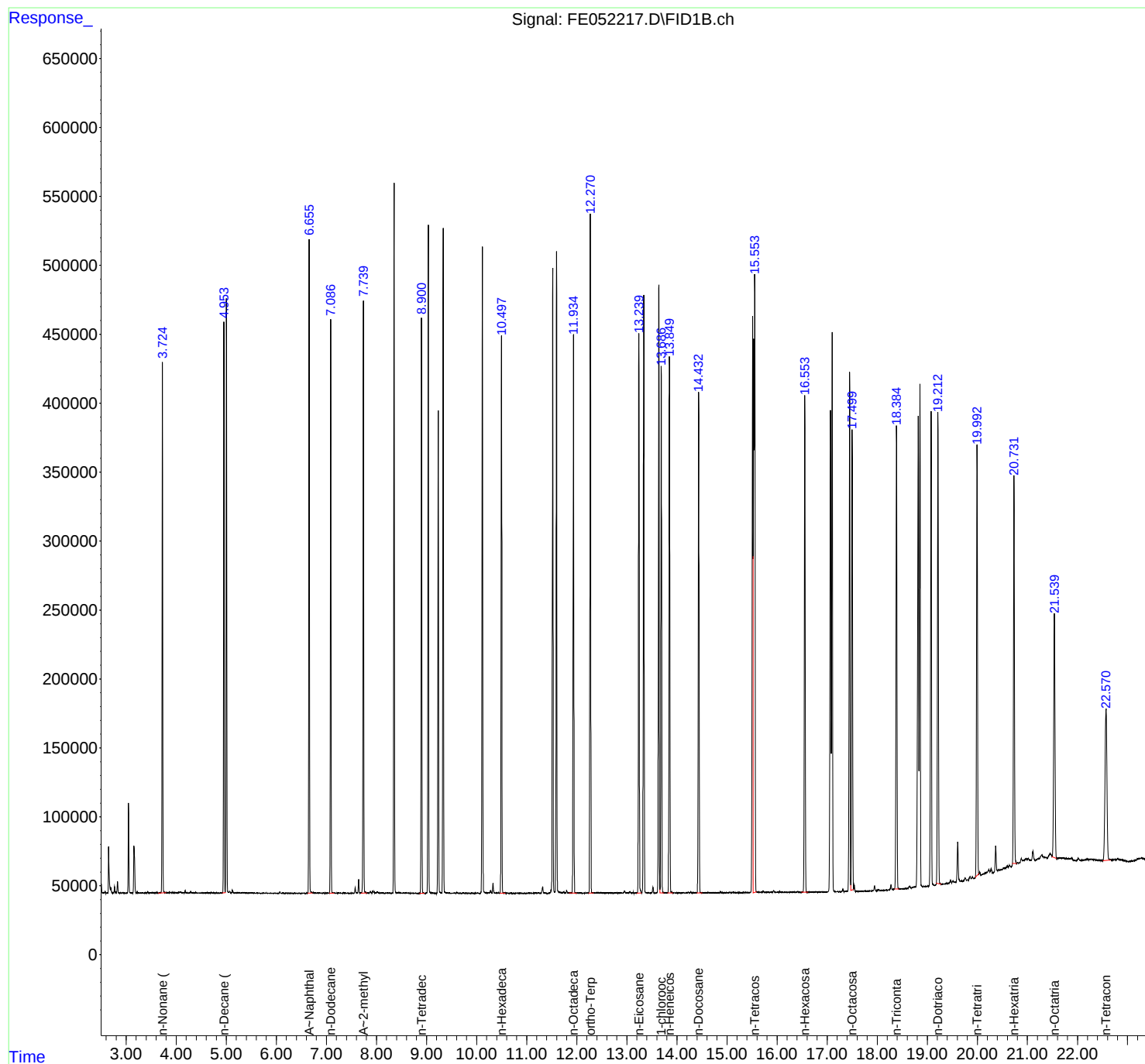
Instrument :
FID_E
ClientSampleId :
PB166524BSD

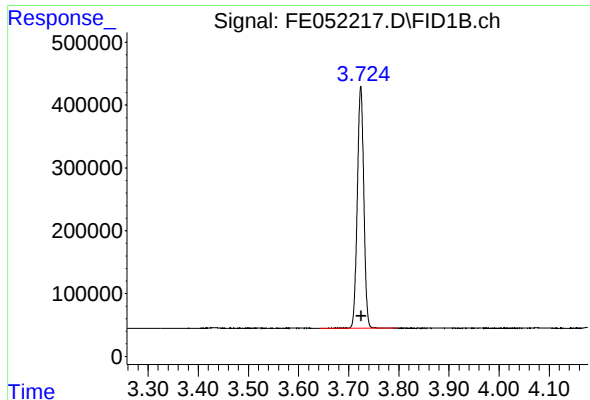
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
Quant Time: Feb 05 00:48:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.
Quant Title : GC Extractables
QLast Update : Mon Feb 03 15:16:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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





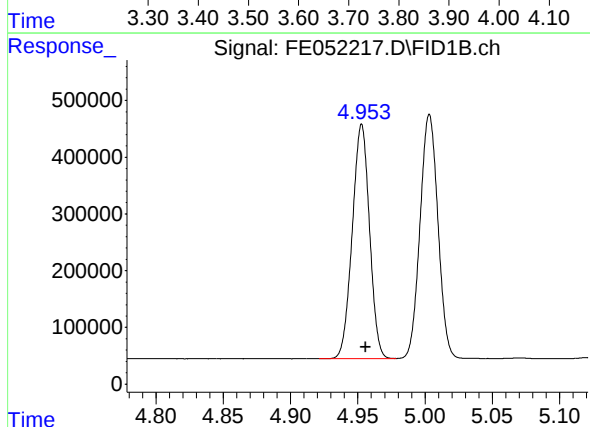
#1 n-Nonane (C9)

R.T.: 3.724 min
Delta R.T.: 0.000 min
Response: 3469949
Conc: 37.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

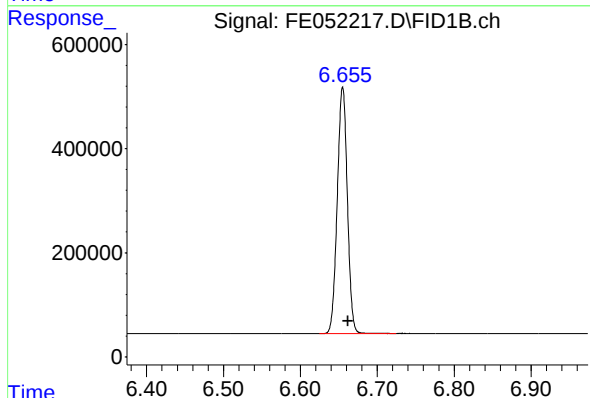
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



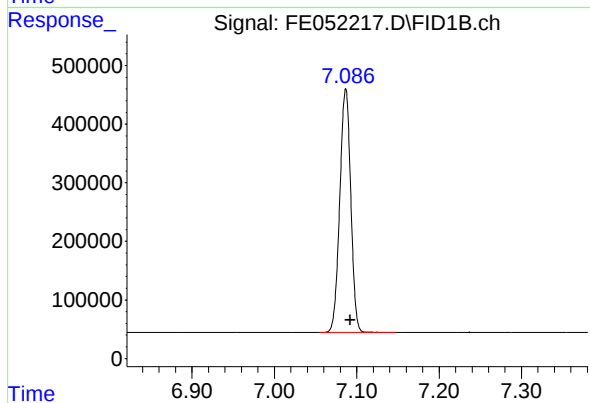
#2 n-Decane (C10)

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 3685639
Conc: 38.38 ug/ml



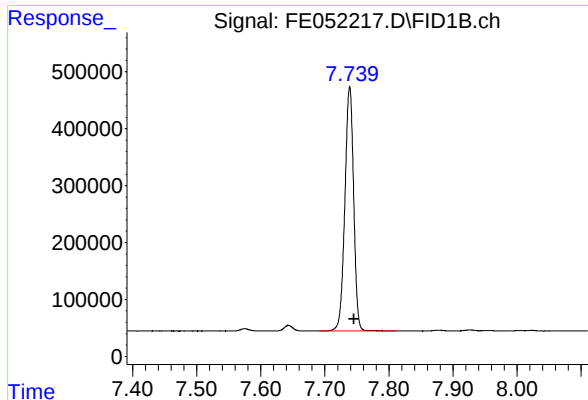
#3 A~Naphthalene (C11.7)

R.T.: 6.655 min
Delta R.T.: -0.007 min
Response: 4319996
Conc: 40.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.087 min
Delta R.T.: -0.006 min
Response: 3846078
Conc: 38.80 ug/ml



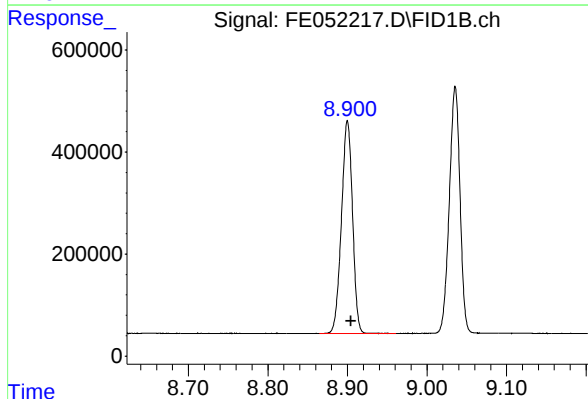
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.739 min
Delta R.T.: -0.007 min
Response: 4046284
Conc: 38.63 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

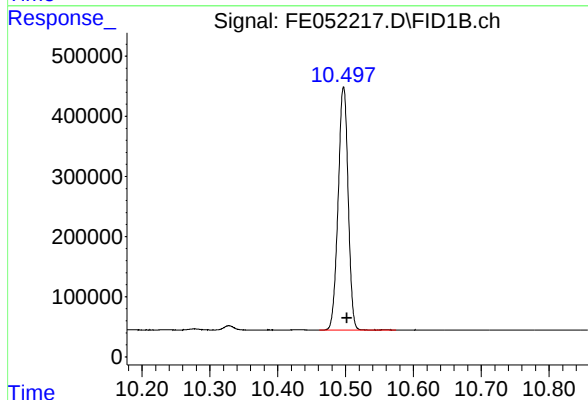
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



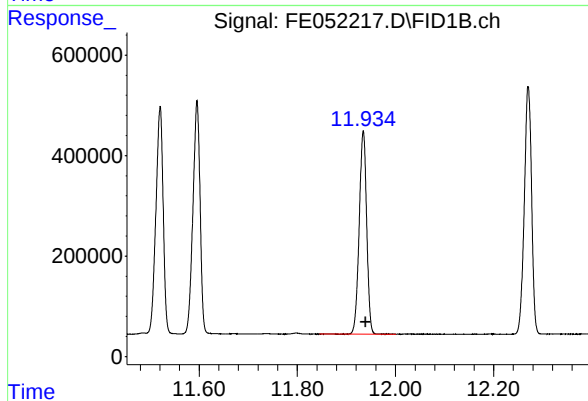
#6 n-Tetradecane (C14)

R.T.: 8.900 min
Delta R.T.: -0.004 min
Response: 4027426
Conc: 39.91 ug/ml



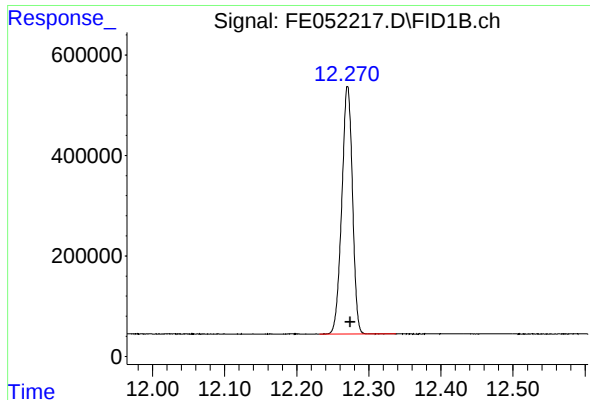
#7 n-Hexadecane (C16)

R.T.: 10.497 min
Delta R.T.: -0.005 min
Response: 4140874
Conc: 38.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.934 min
Delta R.T.: -0.005 min
Response: 4256290
Conc: 37.47 ug/ml



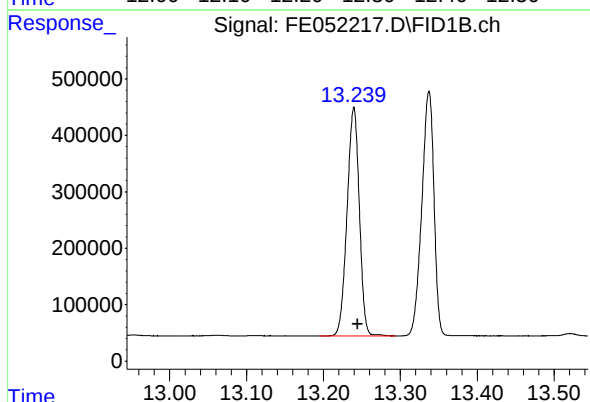
#9 ortho-Terphenyl (SURR)

R.T.: 12.271 min
Delta R.T.: -0.004 min
Response: 5077310
Conc: 41.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

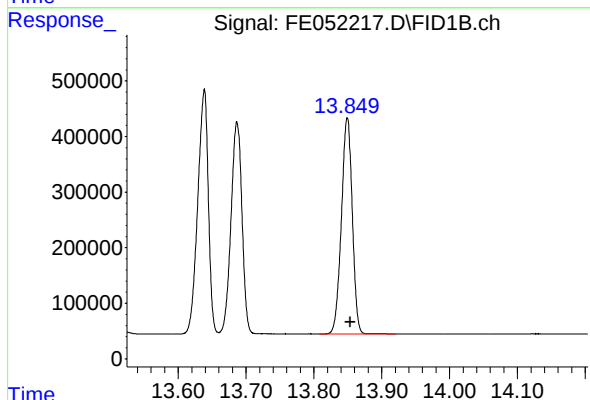
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



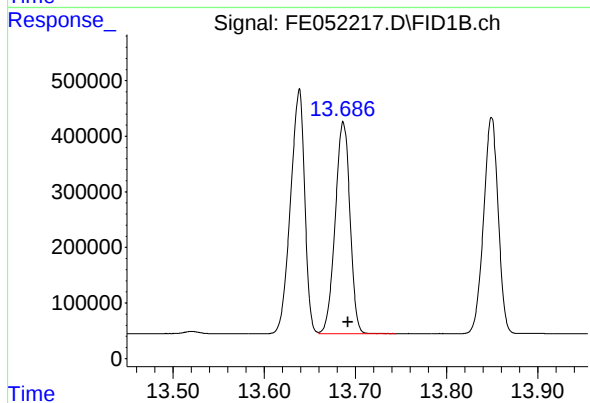
#10 n-Eicosane (C20)

R.T.: 13.239 min
Delta R.T.: -0.005 min
Response: 4480270
Conc: 39.70 ug/ml



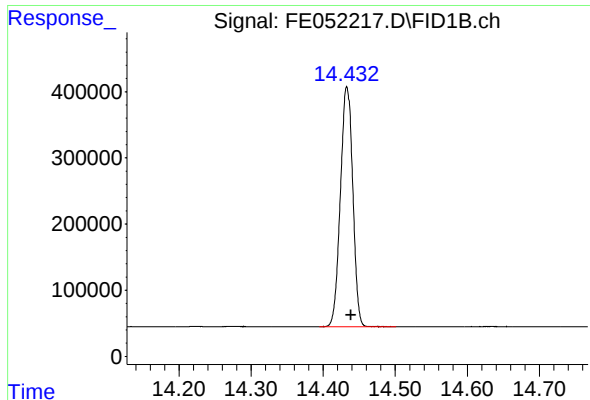
#11 n-Heneicosane (C21)

R.T.: 13.849 min
Delta R.T.: -0.005 min
Response: 4334154
Conc: 38.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.687 min
Delta R.T.: -0.005 min
Response: 4287747
Conc: 43.45 ug/ml



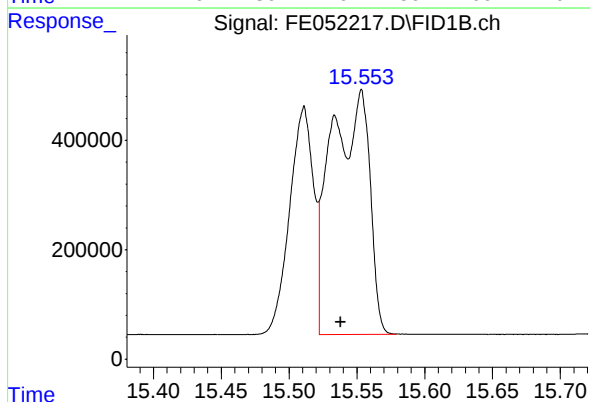
#13 n-Docosane (C22)

R.T.: 14.433 min
Delta R.T.: -0.005 min
Response: 4340318
Conc: 38.35 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

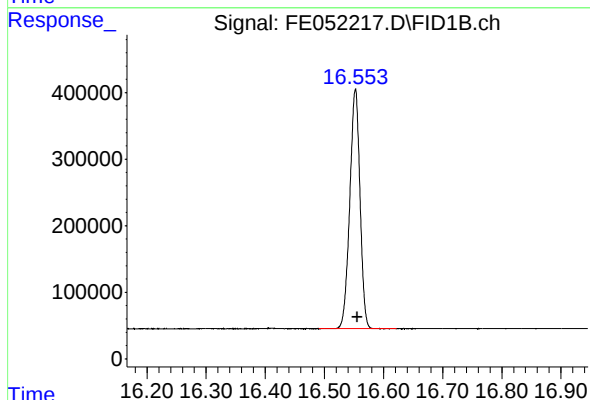
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



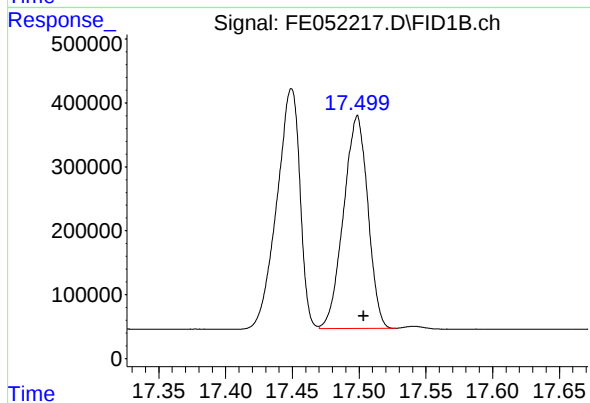
#14 n-Tetracosane (C24)

R.T.: 15.553 min
Delta R.T.: 0.015 min
Response: 8744165
Conc: 76.05 ug/ml m



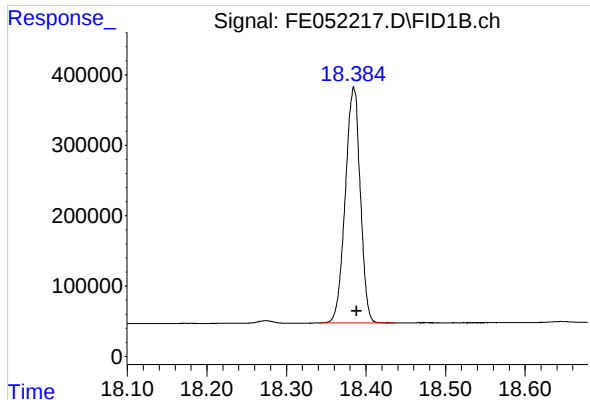
#15 n-Hexacosane (C26)

R.T.: 16.552 min
Delta R.T.: -0.003 min
Response: 4317749
Conc: 37.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.498 min
Delta R.T.: -0.005 min
Response: 4226966
Conc: 37.36 ug/ml



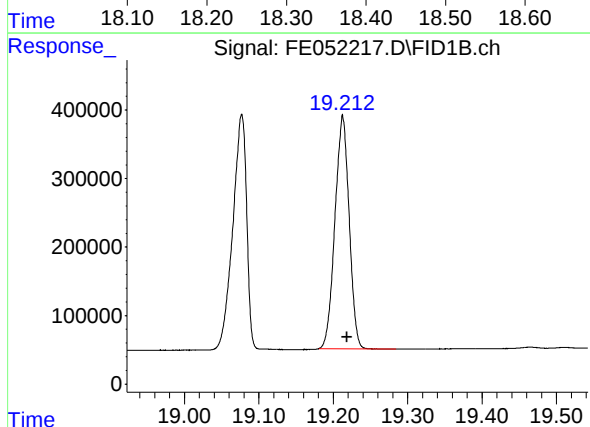
#17 n-Tricontane (C30)

R.T.: 18.384 min
Delta R.T.: -0.004 min
Response: 4393215
Conc: 38.55 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

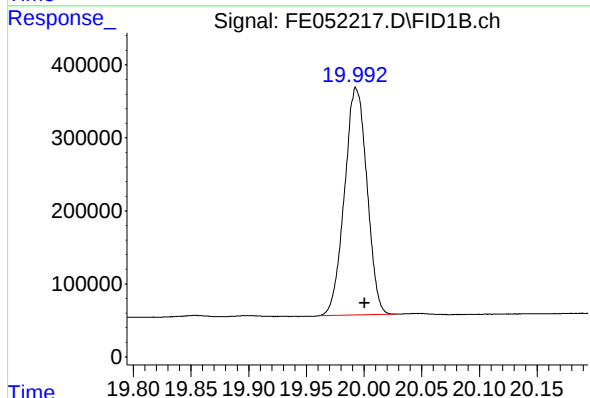
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



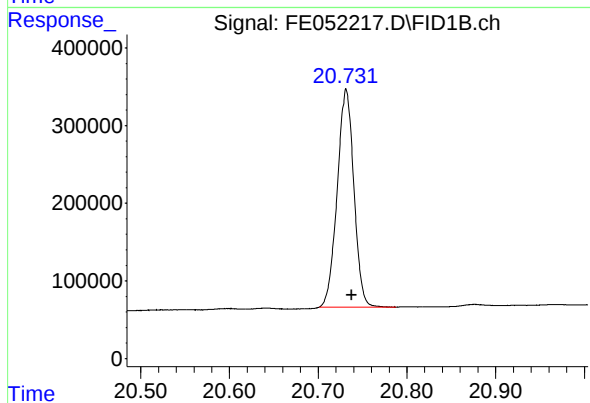
#18 n-Dotriacontane (C32)

R.T.: 19.213 min
Delta R.T.: -0.006 min
Response: 4509709
Conc: 41.36 ug/ml



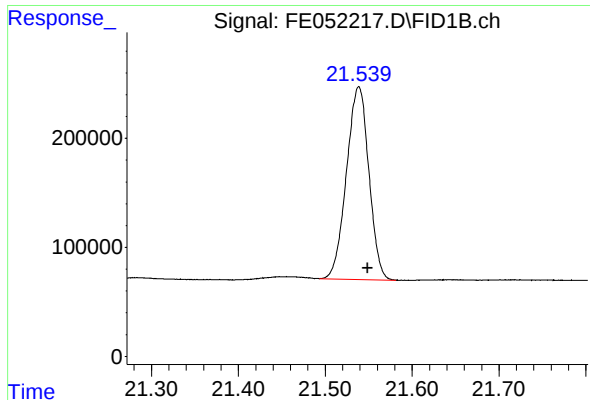
#19 n-Tetratriacontane (C34)

R.T.: 19.993 min
Delta R.T.: -0.007 min
Response: 4208704
Conc: 44.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.731 min
Delta R.T.: -0.006 min
Response: 3664385
Conc: 44.35 ug/ml



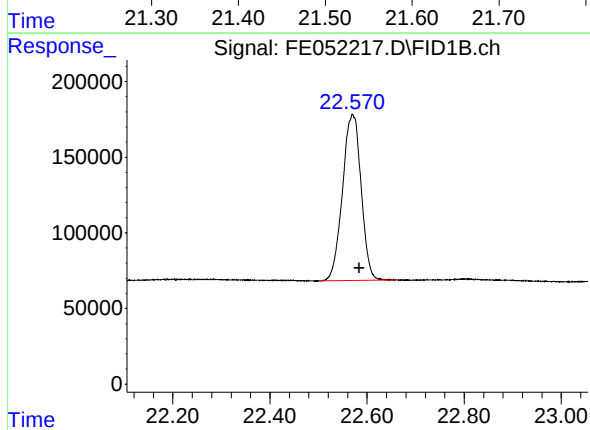
#21 n-Octatriacontane (C38)

R.T.: 21.539 min
Delta R.T.: -0.010 min
Response: 3170556
Conc: 42.68 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166524BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/05/2025
Supervised By :Ankita Jodhani 02/05/2025



#22 n-Tetracontane (C40)

R.T.: 22.570 min
Delta R.T.: -0.014 min
Response: 2921497
Conc: 39.19 ug/ml