

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
 Data File : FE047988.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2024 16:44
 Operator : YP\AJ
 Sample : PB160726BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB160726BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/07/2024
 Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
 Quant Time: May 07 01:30:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.978	6651911	46.109 ug/ml
Spiked Amount 50.000		Recovery =	92.22%
12) S 1-chlorooctadecane (S...	13.412	5547060	49.642 ug/mlm
Spiked Amount 50.000		Recovery =	99.28%
Target Compounds			
1) T n-Nonane (C9)	3.358	5060434	39.265 ug/ml
2) T n-Decane (C10)	4.609	5390422	40.944 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5847743	42.350 ug/ml
4) T n-Dodecane (C12)	6.774	5870052	44.032 ug/ml
5) T A~2-methylnaphthalene...	7.413	6117642	45.971 ug/ml
6) T n-Tetradecane (C14)	8.604	6590044	49.728 ug/ml
7) T n-Hexadecane (C16)	10.212	6901216	50.179 ug/ml
8) T n-Octadecane (C18)	11.656	7100336	50.973 ug/ml
10) T n-Eicosane (C20)	12.966	7157790	53.161 ug/ml
11) T n-Heneicosane (C21)	13.578	6956526	52.552 ug/ml
13) T n-Docosane (C22)	14.164	6905933	52.112 ug/ml
14) T n-Tetracosane (C24)	15.264	12153701	91.276 ug/ml
15) T n-Hexacosane (C26)	16.289	6800365	50.961 ug/ml
16) T n-Octacosane (C28)	17.236	6977800	52.407 ug/ml
17) T n-Tricontane (C30)	18.125	6923190	50.163 ug/ml
18) T n-Dotriacontane (C32)	18.957	6973856	50.489 ug/ml
19) T n-Tetratriacontane (C34)	19.741	7306171	53.634 ug/ml
20) T n-Hexatriacontane (C36)	20.481	7530877	55.620 ug/ml
21) T n-Octatriacontane (C38)	21.224	7598238	55.033 ug/ml
22) T n-Tetracontane (C40)	22.157	7486921	53.738 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050624AL\
Data File : FE047988.D
Signal(s) : FID1B.ch
Acq On : 06 May 2024 16:44
Operator : YP\AJ
Sample : PB160726BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

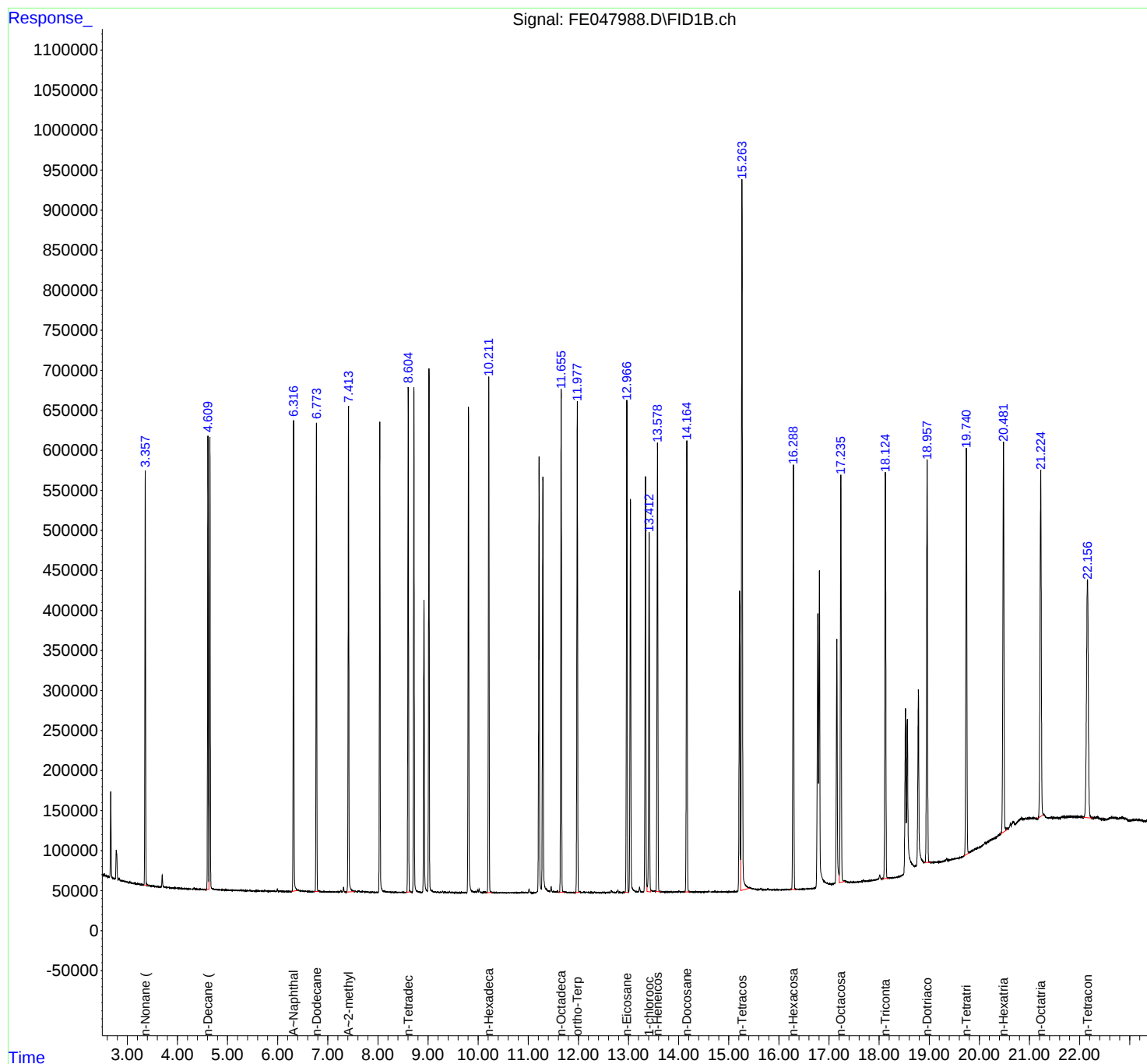
Instrument :
FID_E
ClientSampleId :
PB160726BSD

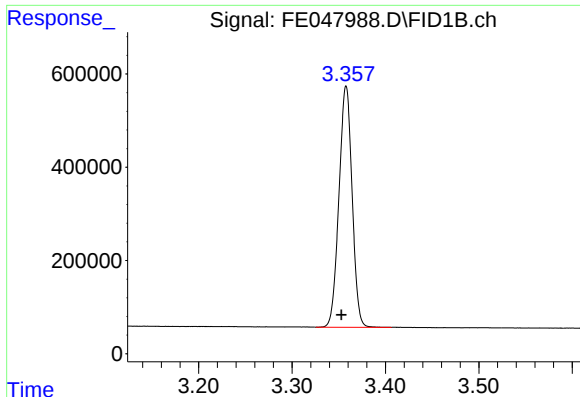
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024

Integration File: autoint1.e
Quant Time: May 07 01:30:48 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
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.: 3.358 min
Delta R.T.: 0.005 min
Response: 5060434
Conc: 39.26 ug/ml

Instrument :

FID_E

ClientSampleId :

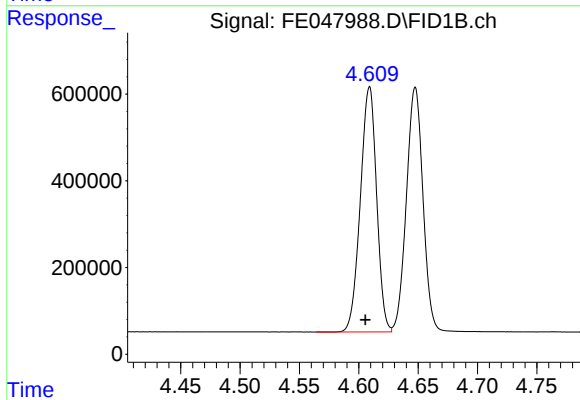
PB160726BSD

Manual Integrations

APPROVED

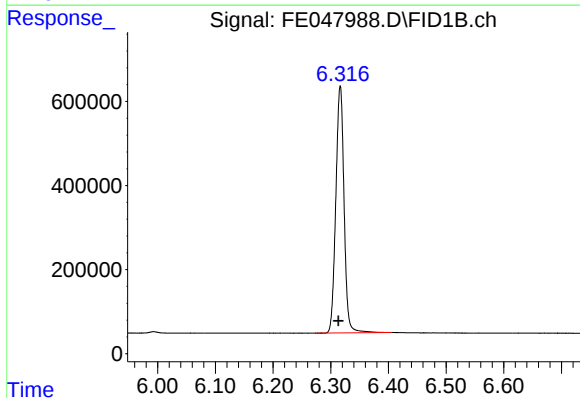
Reviewed By :Yogesh Patel 05/07/2024

Supervised By :Ankita Jodhani 05/07/2024



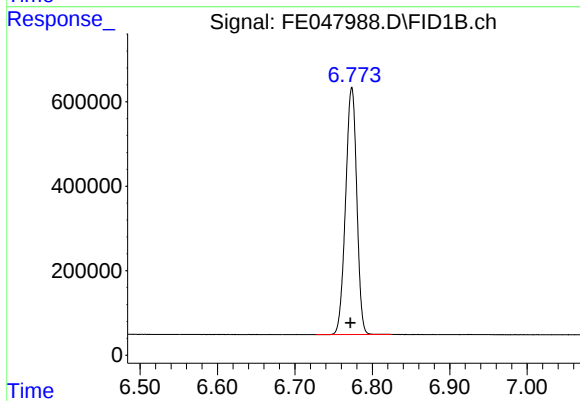
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.003 min
Response: 5390422
Conc: 40.94 ug/ml



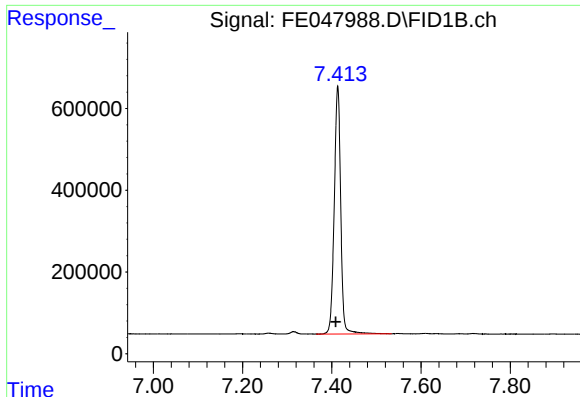
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 5847743
Conc: 42.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.774 min
Delta R.T.: 0.002 min
Response: 5870052
Conc: 44.03 ug/ml



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

R.T.: 7.413 min
Delta R.T.: 0.004 min
Response: 6117642
Conc: 45.97 ug/ml

Instrument :

FID_E

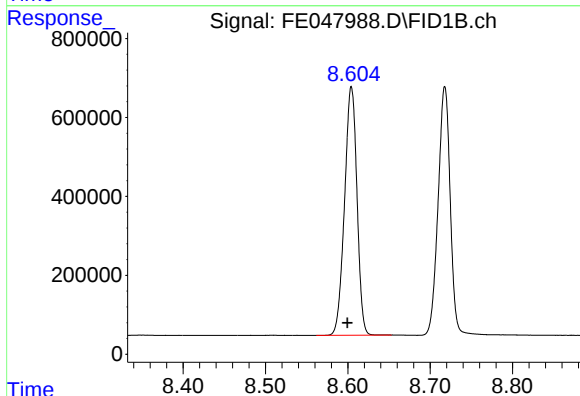
ClientSampleId :

PB160726BSD

Manual Integrations

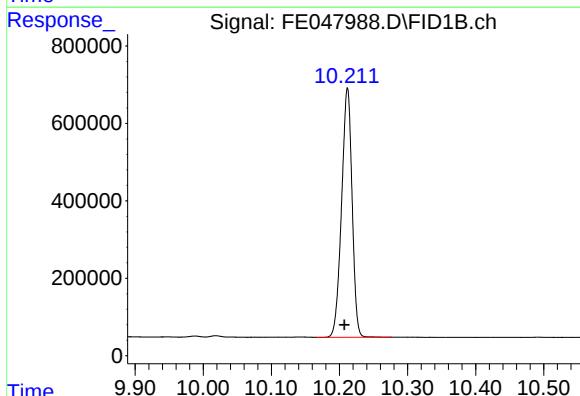
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024



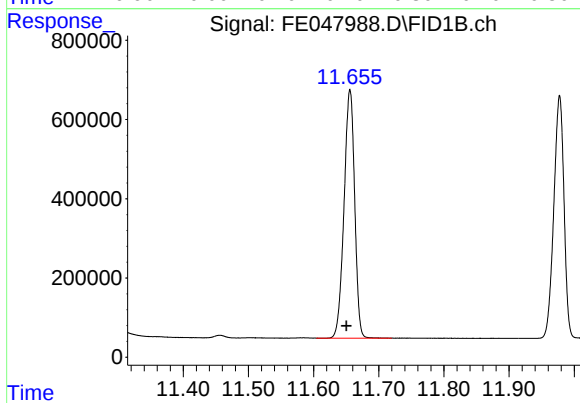
#6 n-Tetradecane (C14)

R.T.: 8.604 min
Delta R.T.: 0.005 min
Response: 6590044
Conc: 49.73 ug/ml



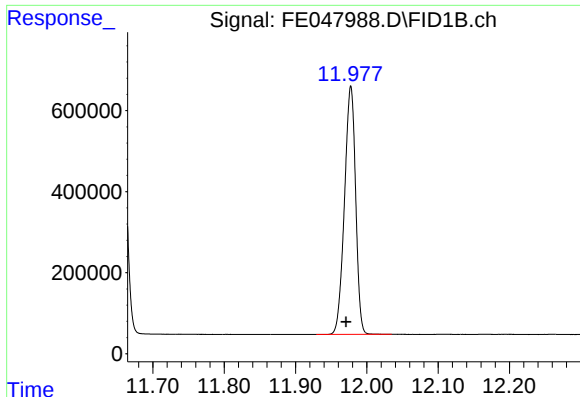
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: 0.005 min
Response: 6901216
Conc: 50.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.656 min
Delta R.T.: 0.005 min
Response: 7100336
Conc: 50.97 ug/ml



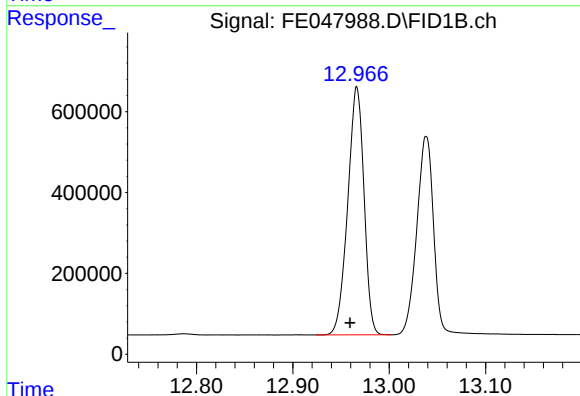
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.007 min
Response: 6651911
Conc: 46.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160726BSD

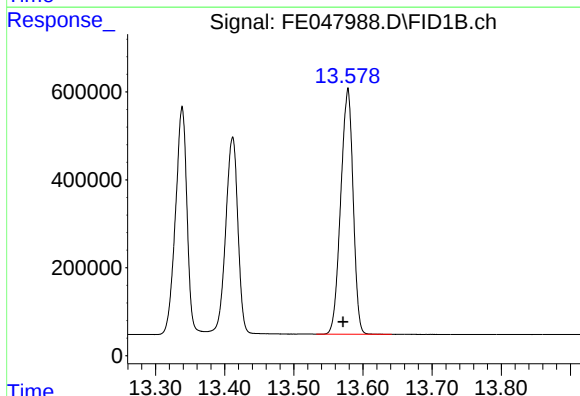
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024



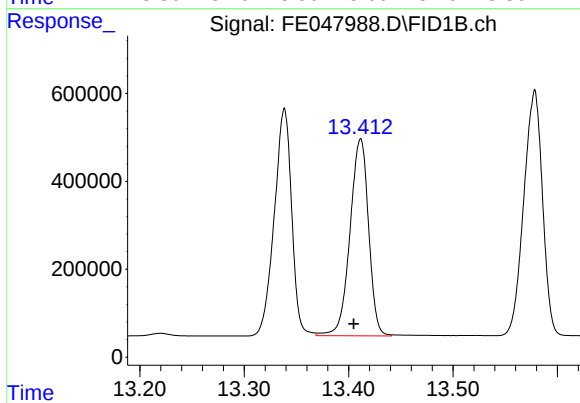
#10 n-Eicosane (C20)

R.T.: 12.966 min
Delta R.T.: 0.007 min
Response: 7157790
Conc: 53.16 ug/ml



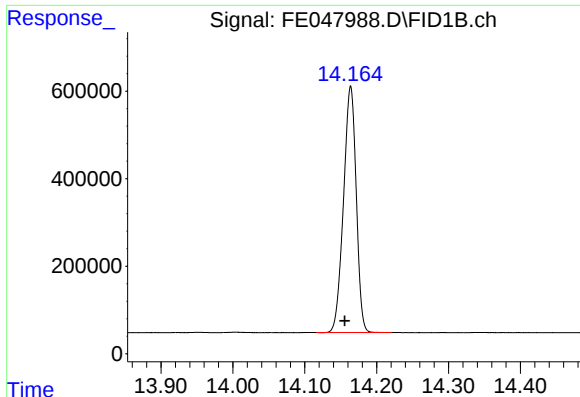
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: 0.007 min
Response: 6956526
Conc: 52.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: 0.007 min
Response: 5547060
Conc: 49.64 ug/ml m



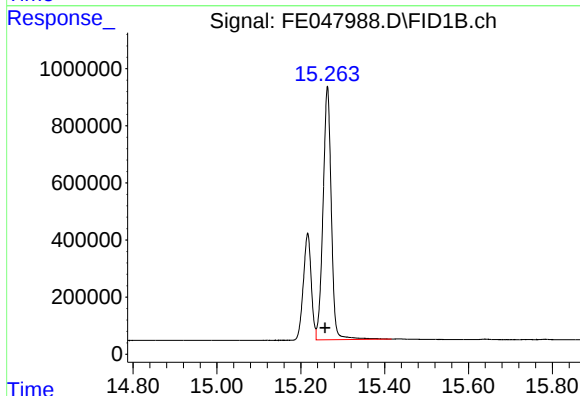
#13 n-Docosane (C22)

R.T.: 14.164 min
Delta R.T.: 0.008 min
Response: 6905933
Conc: 52.11 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160726BSD

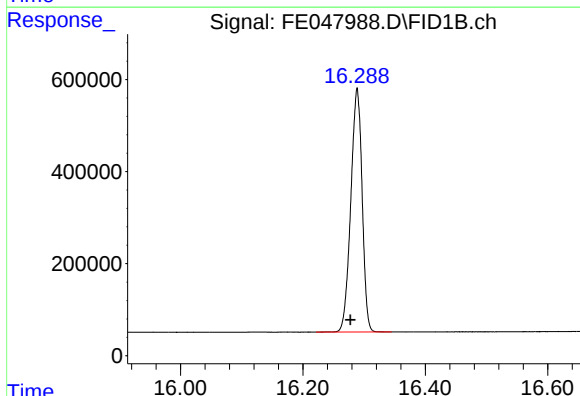
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024



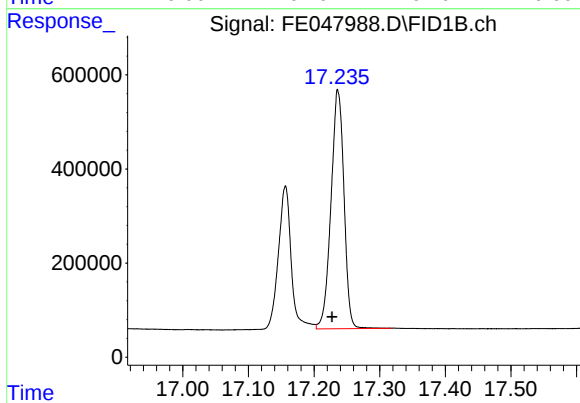
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.006 min
Response: 12153701
Conc: 91.28 ug/ml



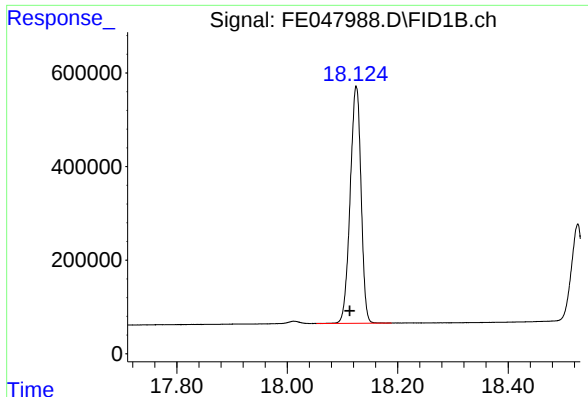
#15 n-Hexacosane (C26)

R.T.: 16.289 min
Delta R.T.: 0.011 min
Response: 6800365
Conc: 50.96 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.009 min
Response: 6977800
Conc: 52.41 ug/ml



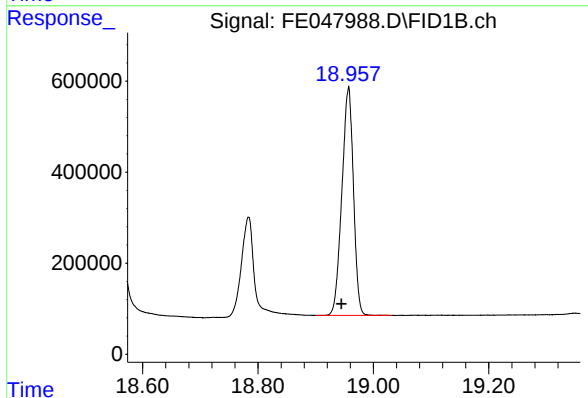
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.012 min
Response: 6923190
Conc: 50.16 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160726BSD

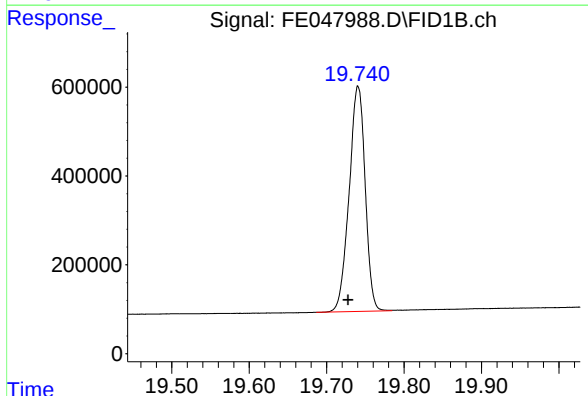
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024



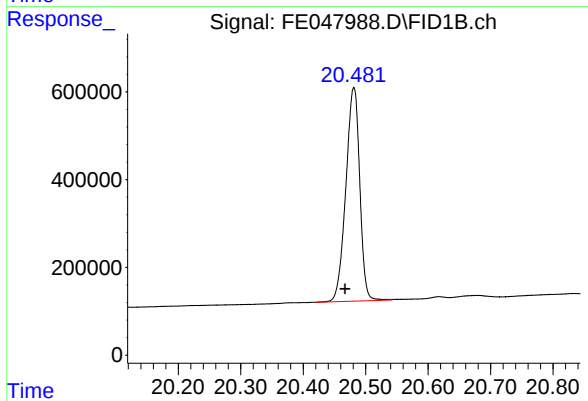
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.012 min
Response: 6973856
Conc: 50.49 ug/ml



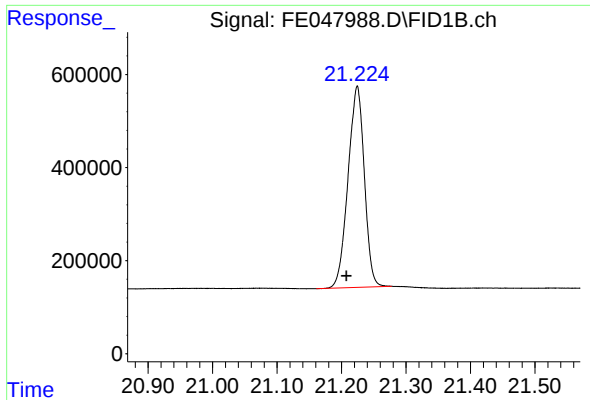
#19 n-Tetratriacontane (C34)

R.T.: 19.741 min
Delta R.T.: 0.013 min
Response: 7306171
Conc: 53.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.014 min
Response: 7530877
Conc: 55.62 ug/ml



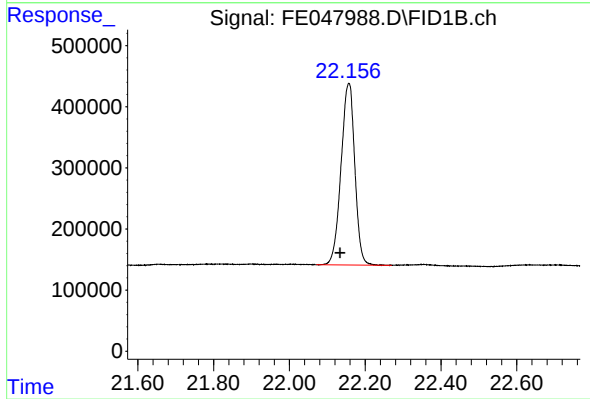
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: 0.017 min
Response: 7598238
Conc: 55.03 ug/ml

Instrument :
FID_E
ClientSampleId :
PB160726BSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 05/07/2024
Supervised By :Ankita Jodhani 05/07/2024



#22 n-Tetracontane (C40)

R.T.: 22.157 min
Delta R.T.: 0.023 min
Response: 7486921
Conc: 53.74 ug/ml