

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057240.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 10:54
 Operator : YP\AJ
 Sample : PB170866BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170866BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/10/2025
 Supervised By :mohammad ahmed 12/10/2025

Integration File: autoint1.e
 Quant Time: Dec 10 00:16:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.932	6975264	31.786 ug/ml
Spiked Amount 50.000		Recovery =	63.57%
12) S 1-chlorooctadecane (S...	13.369	4833645	29.044 ug/ml
Spiked Amount 50.000		Recovery =	58.09%
Target Compounds			
1) T n-Nonane (C9)	3.299	4962889	25.371 ug/ml
2) T n-Decane (C10)	4.549	5301898	26.213 ug/ml
3) T A~Naphthalene (C11.7)	6.262	6889104	34.218 ug/ml
4) T n-Dodecane (C12)	6.717	5860191	28.713 ug/ml
5) T A~2-methylnaphthalene...	7.361	6268260	32.621 ug/ml
6) T n-Tetradecane (C14)	8.551	5976657	29.693 ug/ml
7) T n-Hexadecane (C16)	10.161	5853583	28.544 ug/ml
8) T n-Octadecane (C18)	11.608	5791207	28.097 ug/ml
10) T n-Eicosane (C20)	12.921	5710126	29.028 ug/ml
11) T n-Heneicosane (C21)	13.535	5582297	29.056 ug/ml
13) T n-Docosane (C22)	14.122	5485558	28.417 ug/ml
14) T n-Tetracosane (C24)	15.231	12582147	63.528 ug/ml
15) T n-Hexacosane (C26)	16.253	5330308	26.868 ug/ml
16) T n-Octacosane (C28)	17.205	6722156	32.711 ug/mlm
17) T n-Tricontane (C30)	18.095	5298468	23.609 ug/ml
18) T n-Dotriacontane (C32)	18.928	5079231	21.759 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5076949	23.770 ug/ml
20) T n-Hexatriacontane (C36)	20.454	4895134	26.299 ug/ml
21) T n-Octatriacontane (C38)	21.201	5015835	28.942 ug/ml
22) T n-Tetracontane (C40)	22.129	5158246	30.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
Data File : FE057240.D
Signal(s) : FID1B.ch
Acq On : 09 Dec 2025 10:54
Operator : YP\AJ
Sample : PB170866BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

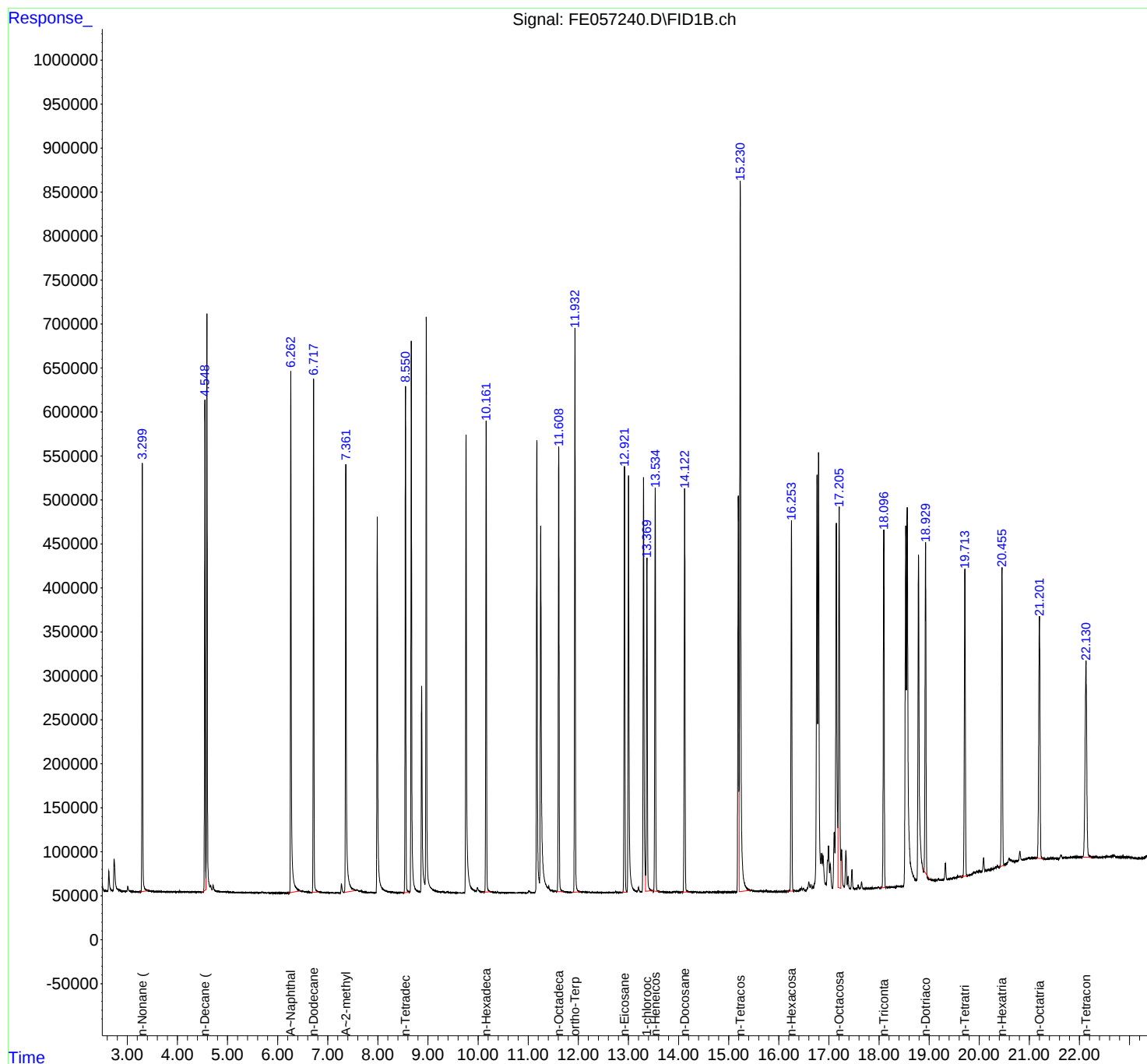
Instrument :
FID_E
ClientSampleId :
PB170866BSD

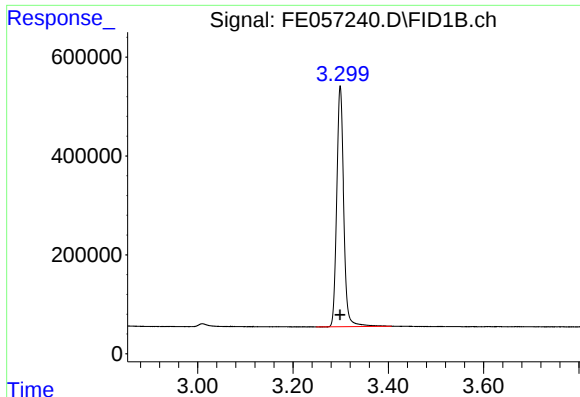
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2025
Supervised By :mohammad ahmed 12/10/2025

Integration File: autoint1.e
Quant Time: Dec 10 00:16:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
Quant Title : GC Extractables
QLast Update : Mon Dec 01 08:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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





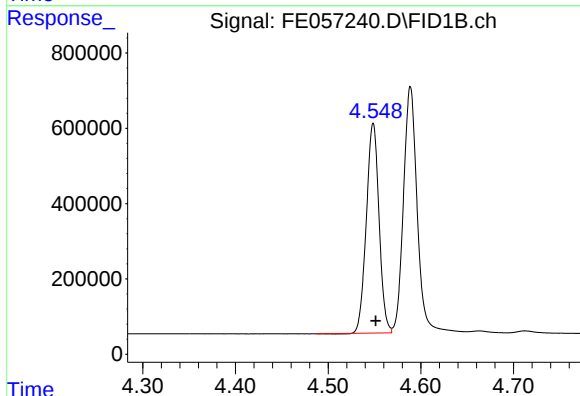
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4962889
Conc: 25.37 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170866BSD

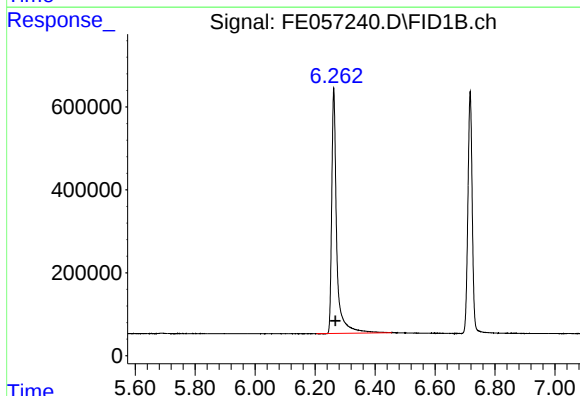
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/10/2025
Supervised By :mohammad ahmed 12/10/2025



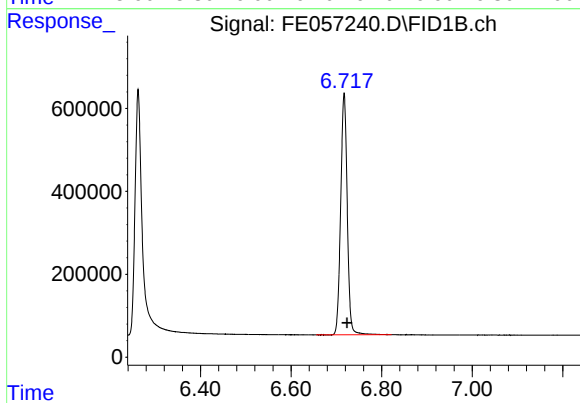
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.003 min
Response: 5301898
Conc: 26.21 ug/ml



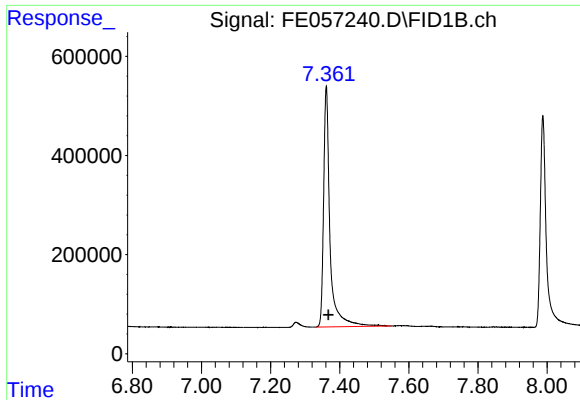
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 6889104
Conc: 34.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 5860191
Conc: 28.71 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 6268260
Conc: 32.62 ug/ml

Instrument :

FID_E

ClientSampleId :

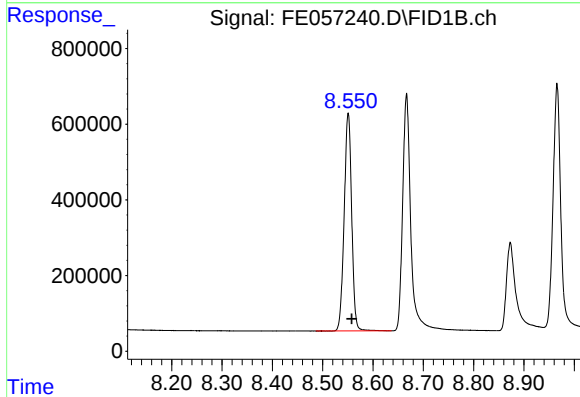
PB170866BSD

Manual Integrations

APPROVED

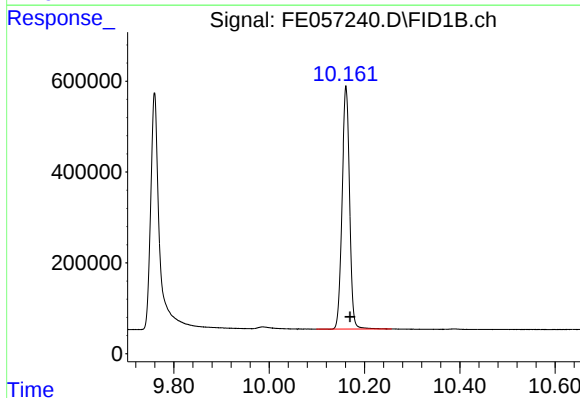
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



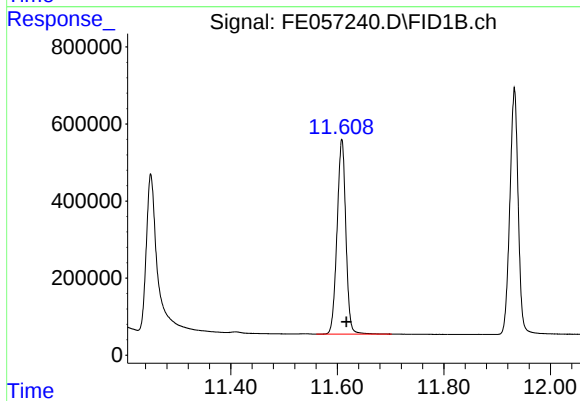
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 5976657
Conc: 29.69 ug/ml



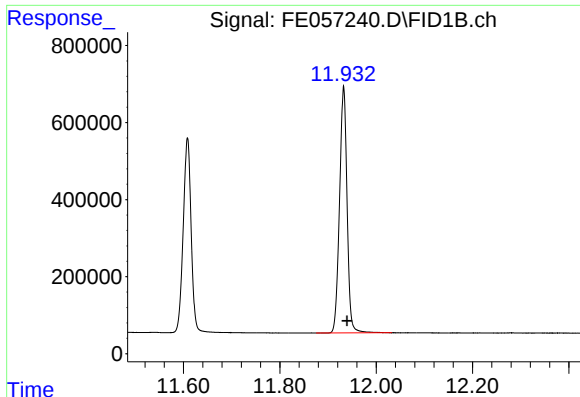
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.008 min
Response: 5853583
Conc: 28.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.008 min
Response: 5791207
Conc: 28.10 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 6975264
Conc: 31.79 ug/ml

Instrument :

FID_E

ClientSampleId :

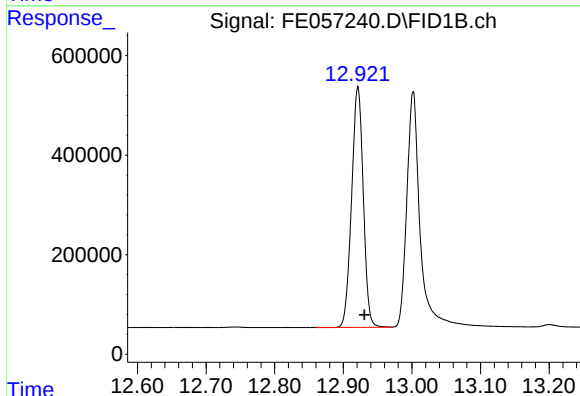
PB170866BSD

Manual Integrations

APPROVED

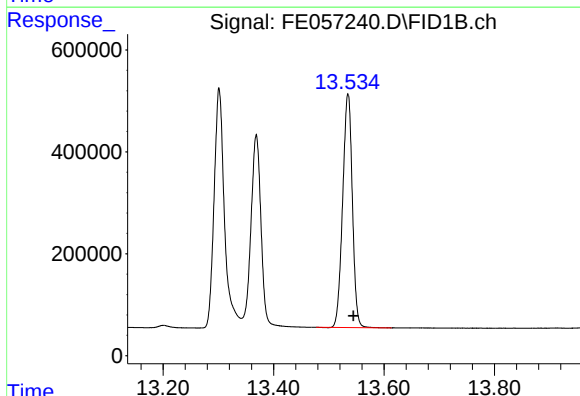
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



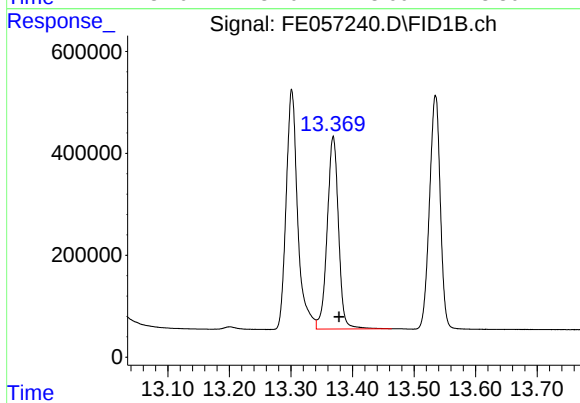
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 5710126
Conc: 29.03 ug/ml



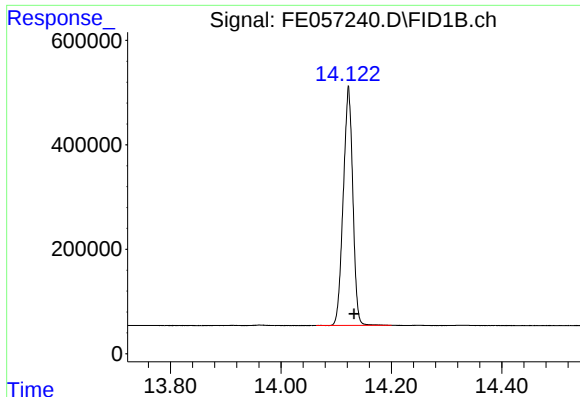
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 5582297
Conc: 29.06 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.010 min
Response: 4833645
Conc: 29.04 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 5485558
Conc: 28.42 ug/ml

Instrument :

FID_E

ClientSampleId :

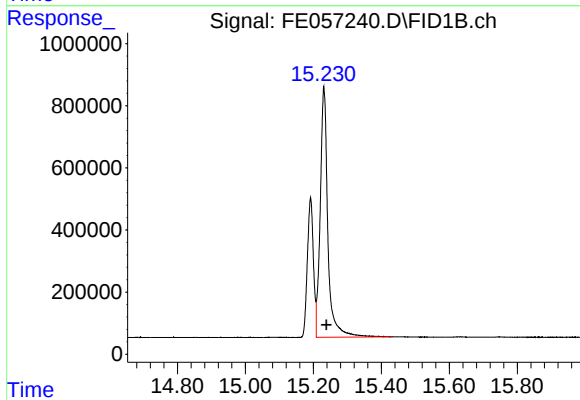
PB170866BSD

Manual Integrations

APPROVED

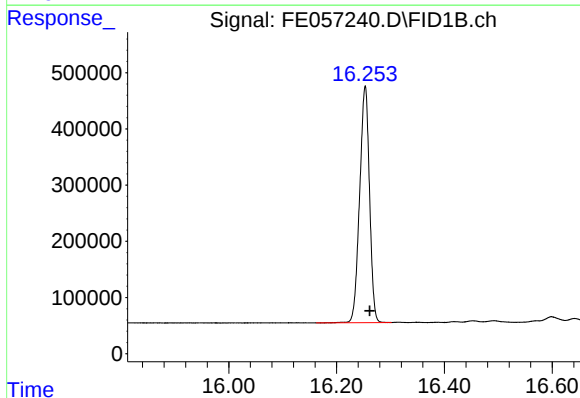
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



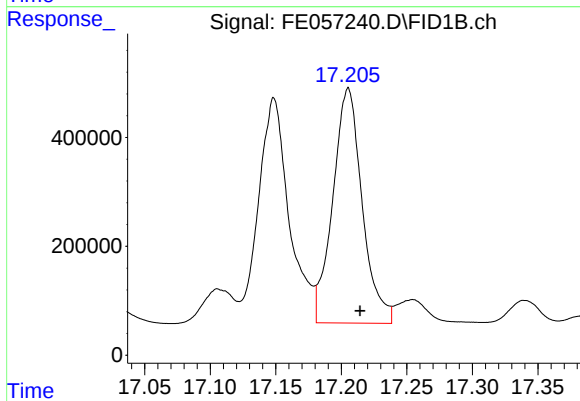
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 12582147
Conc: 63.53 ug/ml



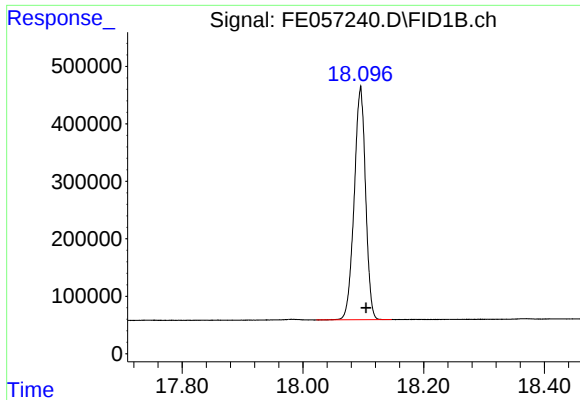
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.009 min
Response: 5330308
Conc: 26.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.009 min
Response: 6722156
Conc: 32.71 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 5298468
Conc: 23.61 ug/ml

Instrument :

FID_E

ClientSampleId :

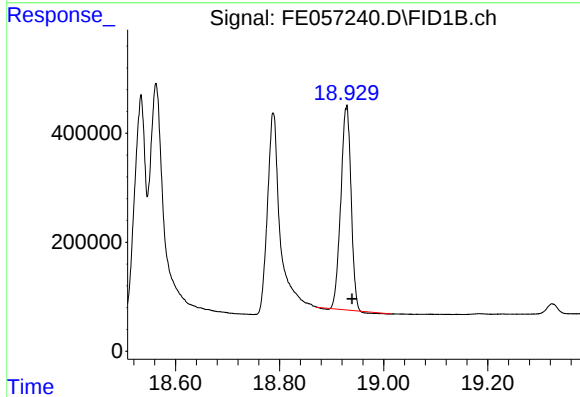
PB170866BSD

Manual Integrations

APPROVED

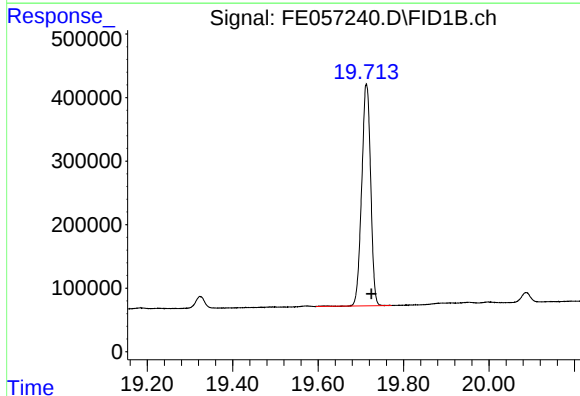
Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



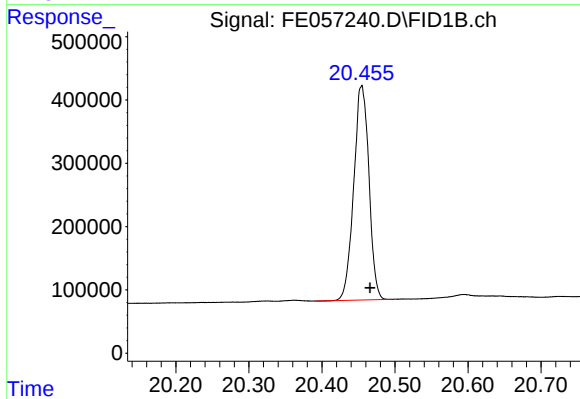
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 5079231
Conc: 21.76 ug/ml



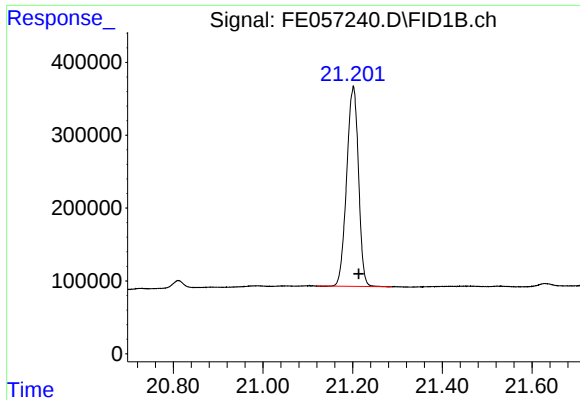
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 5076949
Conc: 23.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.011 min
Response: 4895134
Conc: 26.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 5015835
Conc: 28.94 ug/ml

Instrument :

FID_E

ClientSampleId :

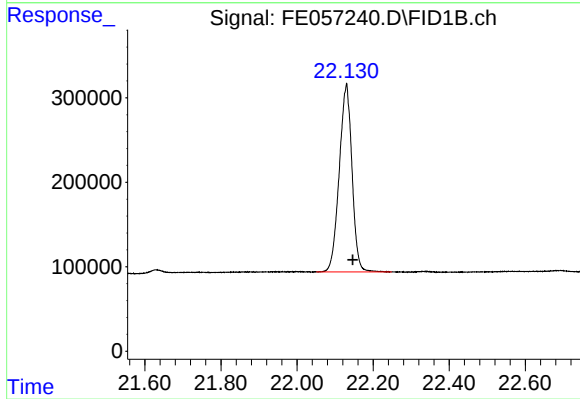
PB170866BSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/10/2025

Supervised By :mohammad ahmed 12/10/2025



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.017 min
Response: 5158246
Conc: 30.61 ug/ml