

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
 Data File : FE054309.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 15:51
 Operator : YP\AJ
 Sample : PB168413BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168413BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e

Quant Time: Jun 12 01:22:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.832	6759621	40.909 ug/ml
Spiked Amount 50.000		Recovery =	81.82%
12) S 1-chlorooctadecane (S...	13.275	5370829	44.042 ug/mlm
Spiked Amount 50.000		Recovery =	88.08%
Target Compounds			
1) T n-Nonane (C9)	3.185	5525137	44.493 ug/ml
2) T n-Decane (C10)	4.445	5718145	46.020 ug/ml
3) T A~Naphthalene (C11.7)	6.155	5413163	40.056 ug/ml
4) T n-Dodecane (C12)	6.624	6116851	48.038 ug/ml
5) T A~2-methylnaphthalene...	7.257	5021564	37.912 ug/ml
6) T n-Tetradecane (C14)	8.459	6323115	48.841 ug/ml
7) T n-Hexadecane (C16)	10.071	6529286	49.152 ug/ml
8) T n-Octadecane (C18)	11.518	6623997	49.055 ug/ml
10) T n-Eicosane (C20)	12.831	6871672	51.367 ug/ml
11) T n-Heneicosane (C21)	13.444	6617217	49.765 ug/ml
13) T n-Docosane (C22)	14.032	6571996	50.122 ug/ml
14) T n-Tetracosane (C24)	15.133	11714493	90.814 ug/ml
15) T n-Hexacosane (C26)	16.161	6443504	51.331 ug/ml
16) T n-Octacosane (C28)	17.111	6606254	53.871 ug/mlm
17) T n-Tricontane (C30)	18.002	6348666	51.223 ug/ml
18) T n-Dotriacontane (C32)	18.834	5841063	46.489 ug/mlm
19) T n-Tetratriacontane (C34)	19.618	3744555	30.099 ug/ml
20) T n-Hexatriacontane (C36)	20.358	1804966	14.021 ug/ml
21) T n-Octatriacontane (C38)	21.085	876299	6.637 ug/ml
22) T n-Tetracontane (C40)	21.972	454548	3.374 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061225AL\
Data File : FE054309.D
Signal(s) : FID1B.ch
Acq On : 11 Jun 2025 15:51
Operator : YP\AJ
Sample : PB168413BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168413BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File: autoint1.e

Quant Time: Jun 12 01:22:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 2025

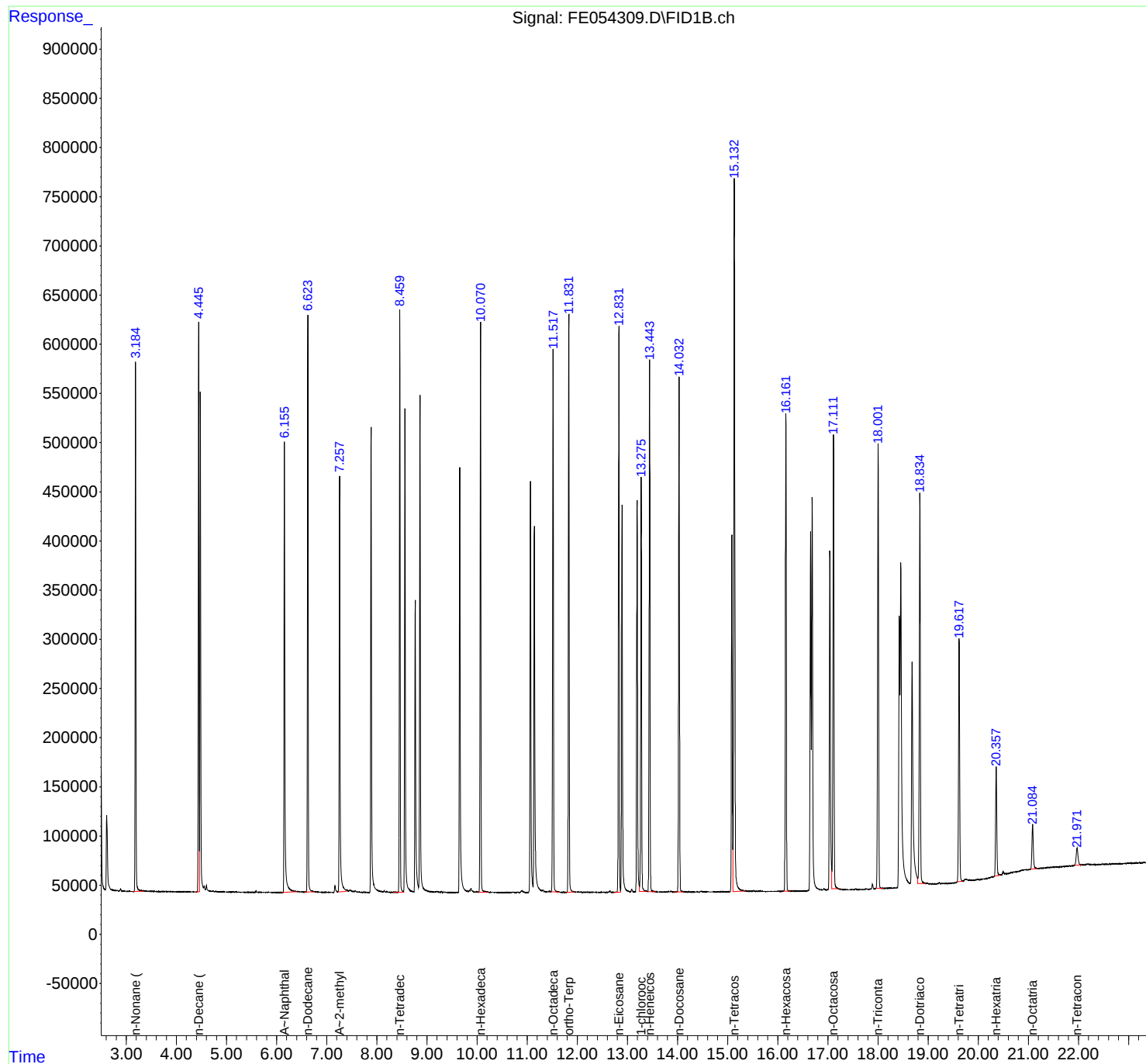
Response via : Initial Calibration

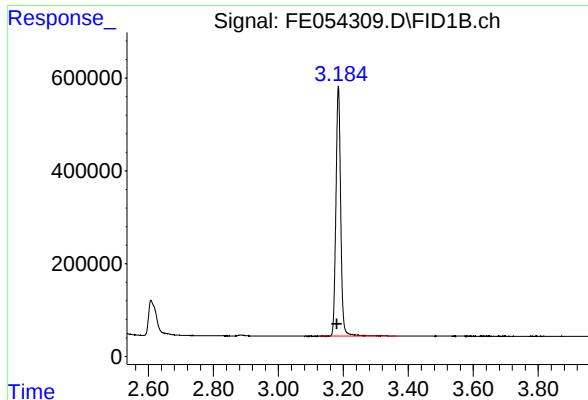
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





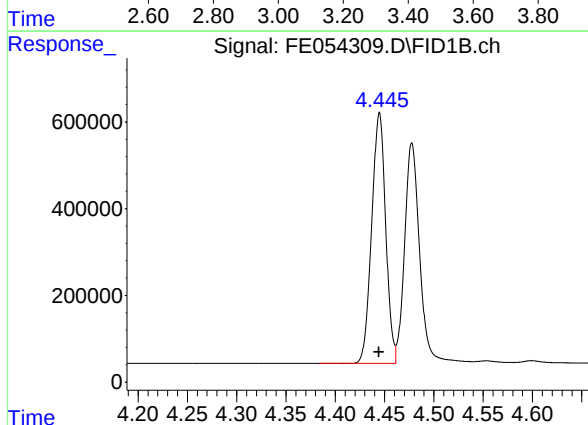
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: 0.004 min
Response: 5525137
Conc: 44.49 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

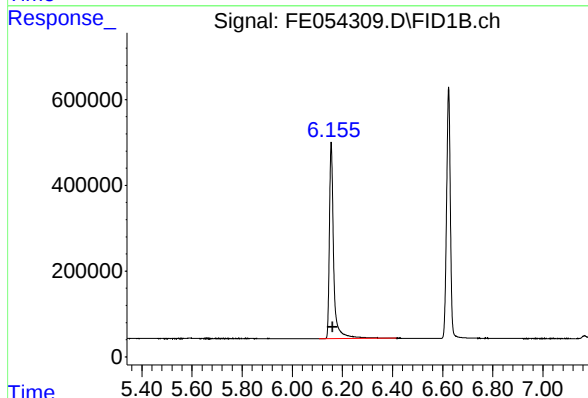
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



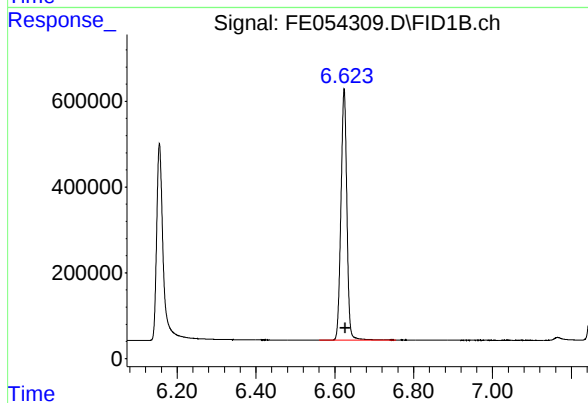
#2 n-Decane (C10)

R.T.: 4.445 min
Delta R.T.: 0.000 min
Response: 5718145
Conc: 46.02 ug/ml



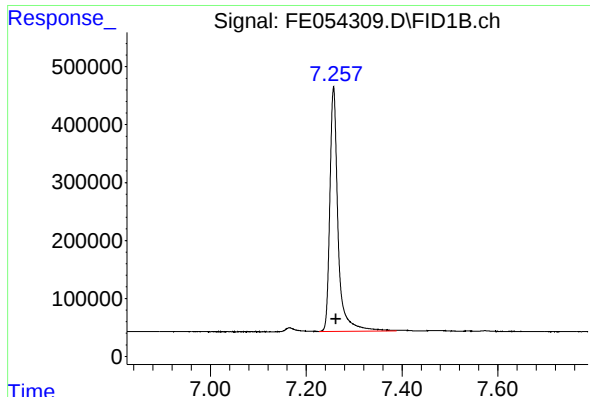
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 5413163
Conc: 40.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.624 min
Delta R.T.: -0.003 min
Response: 6116851
Conc: 48.04 ug/ml



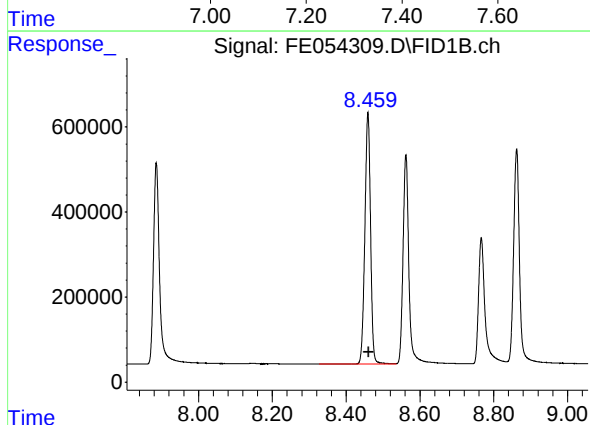
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 5021564
Conc: 37.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

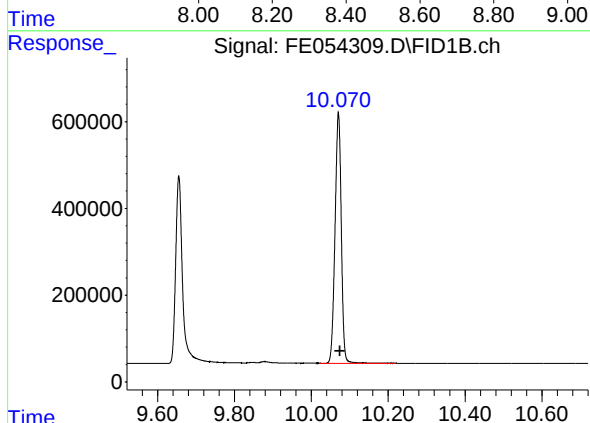
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



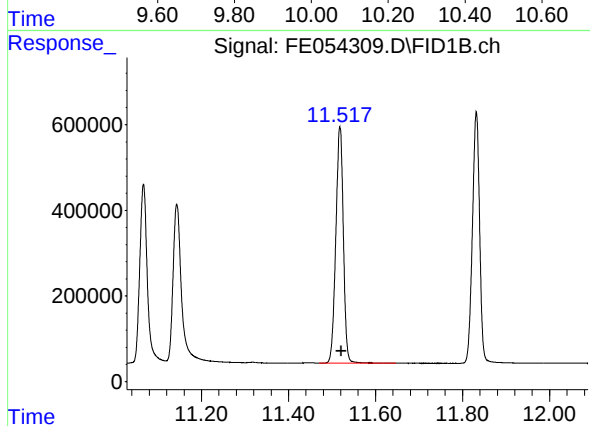
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.002 min
Response: 6323115
Conc: 48.84 ug/ml



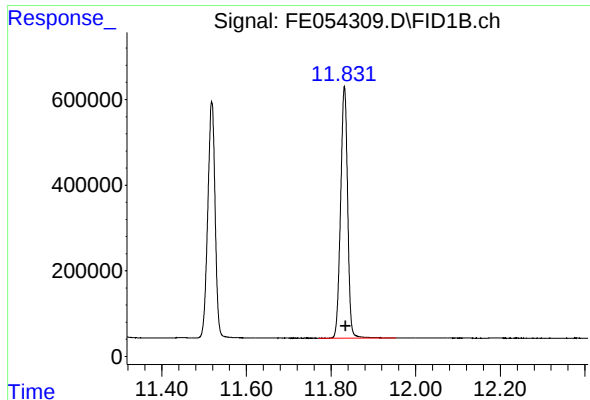
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.004 min
Response: 6529286
Conc: 49.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.518 min
Delta R.T.: -0.003 min
Response: 6623997
Conc: 49.05 ug/ml



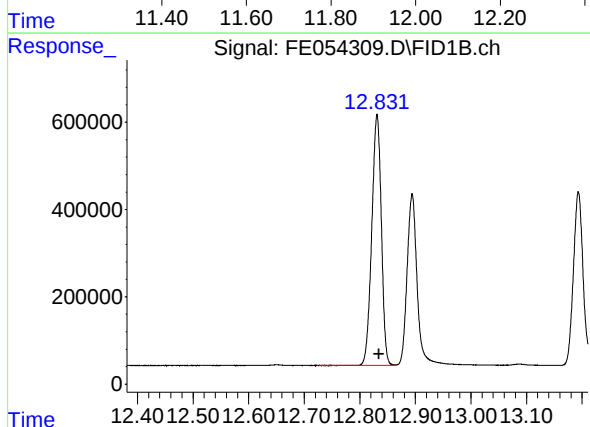
#9 ortho-Terphenyl (SURR)

R.T.: 11.832 min
Delta R.T.: -0.003 min
Response: 6759621
Conc: 40.91 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

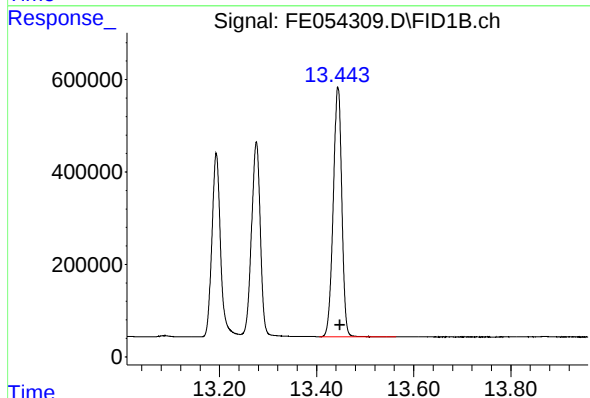
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



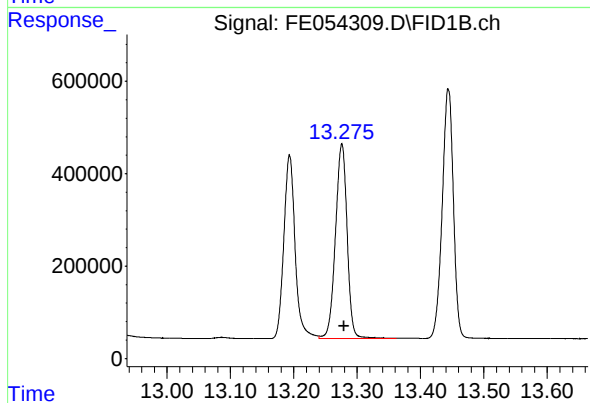
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.004 min
Response: 6871672
Conc: 51.37 ug/ml



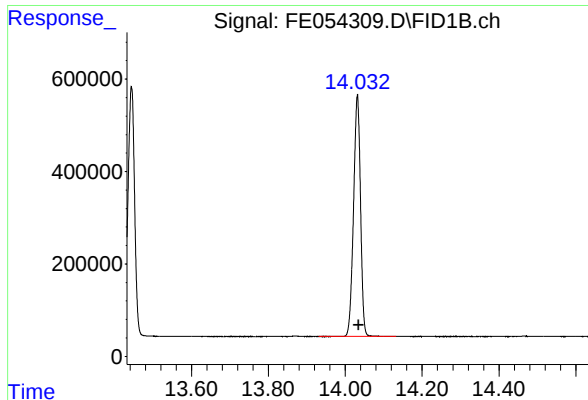
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.004 min
Response: 6617217
Conc: 49.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.004 min
Response: 5370829
Conc: 44.04 ug/ml m



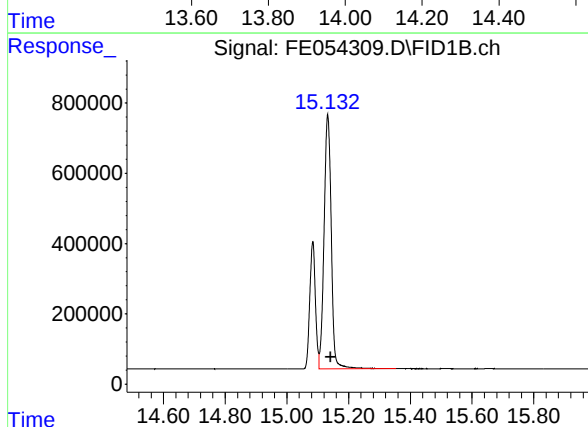
#13 n-Docosane (C22)

R.T.: 14.032 min
Delta R.T.: -0.004 min
Response: 6571996
Conc: 50.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

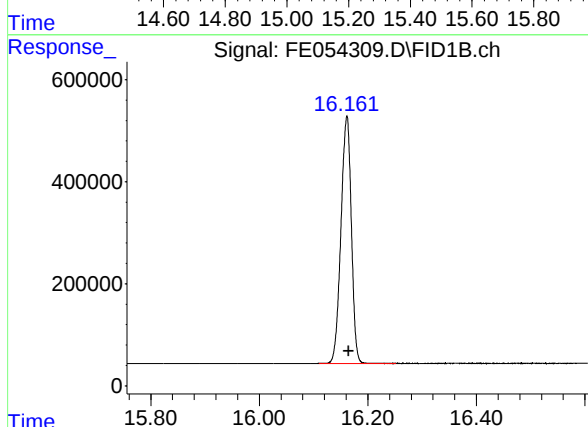
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



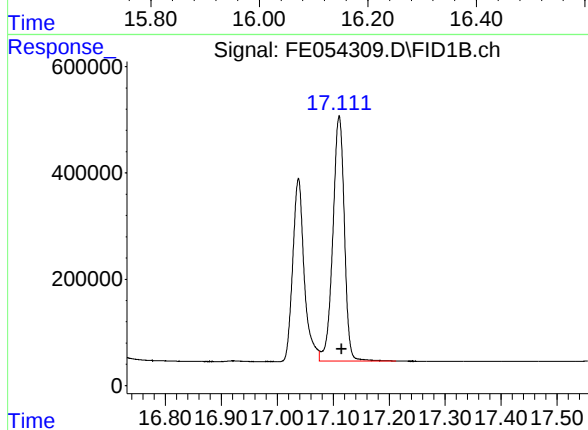
#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.009 min
Response: 11714493
Conc: 90.81 ug/ml



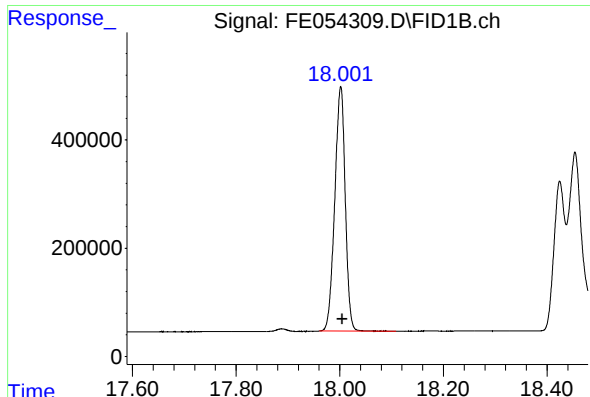
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 6443504
Conc: 51.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.111 min
Delta R.T.: -0.005 min
Response: 6606254
Conc: 53.87 ug/ml m



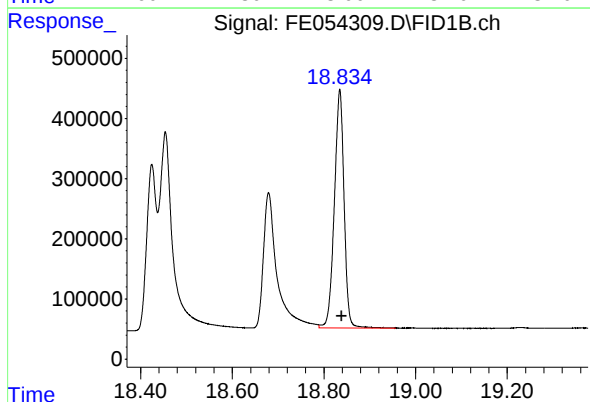
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.004 min
Response: 6348666
Conc: 51.22 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

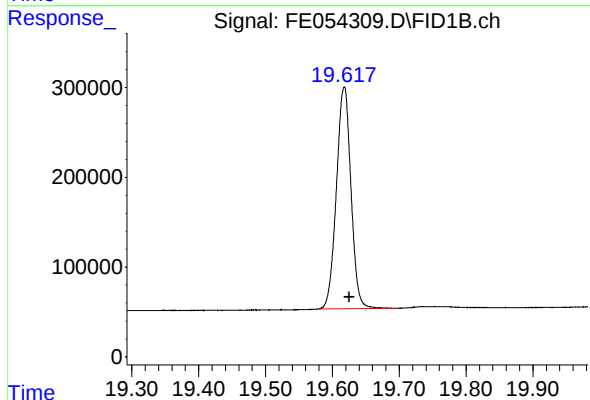
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



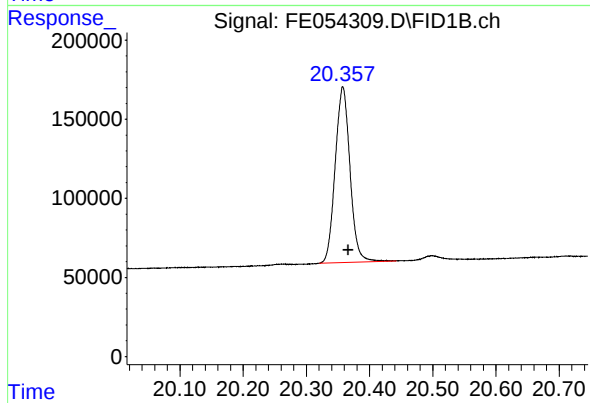
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.005 min
Response: 5841063
Conc: 46.49 ug/ml



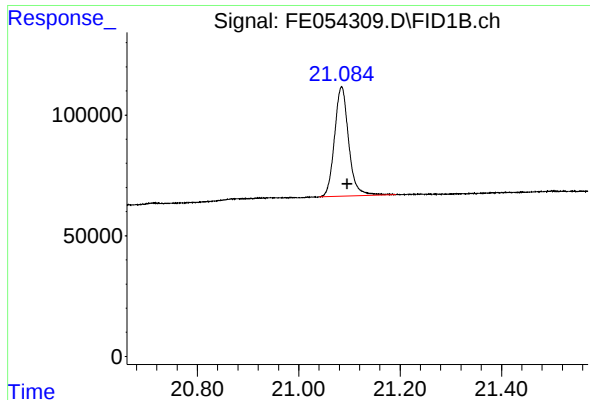
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.008 min
Response: 3744555
Conc: 30.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.008 min
Response: 1804966
Conc: 14.02 ug/ml



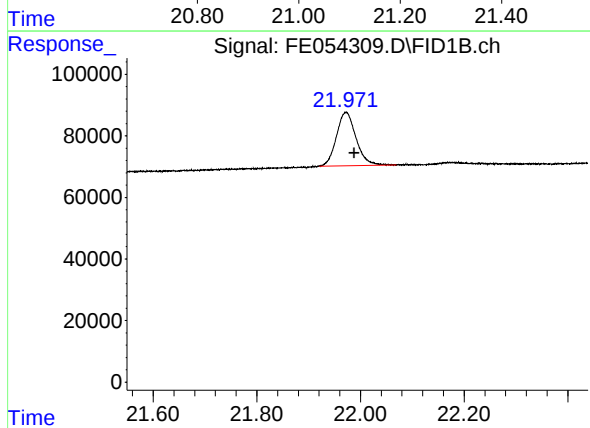
#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 876299
Conc: 6.64 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168413BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025



#22 n-Tetracontane (C40)

R.T.: 21.972 min
Delta R.T.: -0.016 min
Response: 454548
Conc: 3.37 ug/ml