

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102025AL\
 Data File : FF016575.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2025 18:42
 Operator : YP\AJ
 Sample : Q3374-05MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

TP-5-WCMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/21/2025

Supervised By :mohammad ahmed 10/24/2025

Integration File: autoint1.e

Quant Time: Oct 20 23:21:40 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M

Quant Title : GC Extractables

QLast Update : Fri Oct 03 05:49:41 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)	11.968	3238208	22.389 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
12) S 1-chlorooctadecane (S...	13.409	2444319	21.914 ug/ml
Spiked Amount 50.000		Recovery =	43.83%
Target Compounds			
1) T n-Nonane (C9)	3.323	2549893	21.810 ug/ml
2) T n-Decane (C10)	4.583	2702999	22.820 ug/ml
3) T A~Naphthalene (C11.7)	6.293	3228205	24.717 ug/ml
4) T n-Dodecane (C12)	6.759	2802440	23.347 ug/ml
5) T A~2-methylnaphthalene...	7.393	2989949	23.484 ug/ml
6) T n-Tetradecane (C14)	8.594	2834327	23.521 ug/ml
7) T n-Hexadecane (C16)	10.203	2876129	23.030 ug/ml
8) T n-Octadecane (C18)	11.650	2876446	22.206 ug/ml
10) T n-Eicosane (C20)	12.964	2990309	23.386 ug/ml
11) T n-Heneicosane (C21)	13.578	2862467	22.545 ug/ml
13) T n-Docosane (C22)	14.166	2854145	22.480 ug/ml
14) T n-Tetracosane (C24)	15.253	5964971	46.632 ug/mlm
15) T n-Hexacosane (C26)	16.299	2747425	21.978 ug/ml
16) T n-Octacosane (C28)	17.251	2713442	22.146 ug/mlm
17) T n-Tricontane (C30)	18.145	2690943	21.607 ug/ml
18) T n-Dotriacontane (C32)	18.980	2707517	22.464 ug/ml
19) T n-Tetratriacontane (C34)	19.769	2917736	26.756 ug/ml
20) T n-Hexatriacontane (C36)	20.513	3113120	33.355 ug/ml
21) T n-Octatriacontane (C38)	21.274	3321191	39.491 ug/ml
22) T n-Tetracontane (C40)	22.226	3246663	41.355 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102025AL\
Data File : FF016575.D
Signal(s) : FID2B.ch
Acq On : 20 Oct 2025 18:42
Operator : YP\AJ
Sample : Q3374-05MS
Misc :
ALS Vial : 76 Sample Multiplier: 1

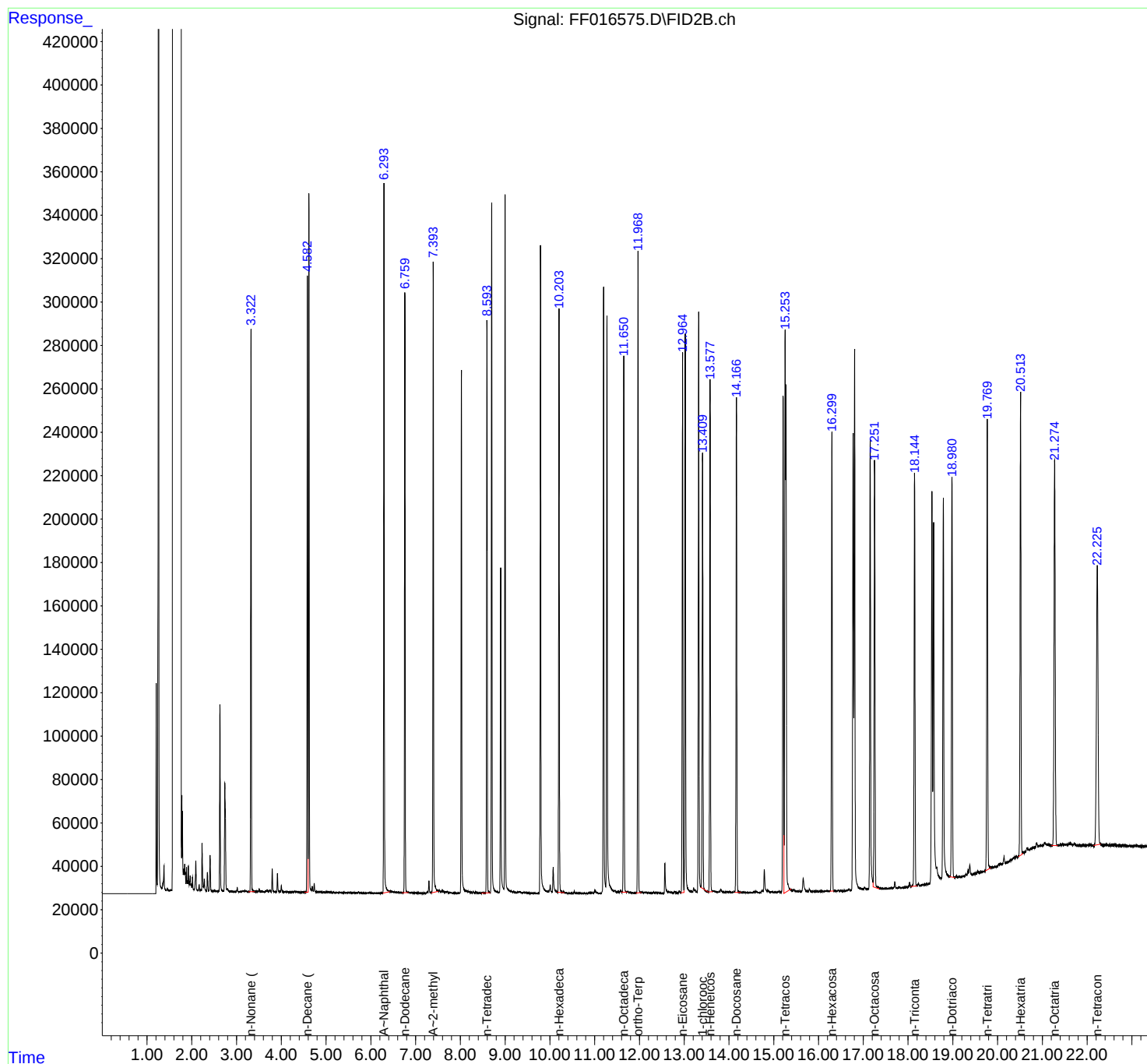
Instrument :
FID_F
ClientSampleId :
TP-5-WCMS

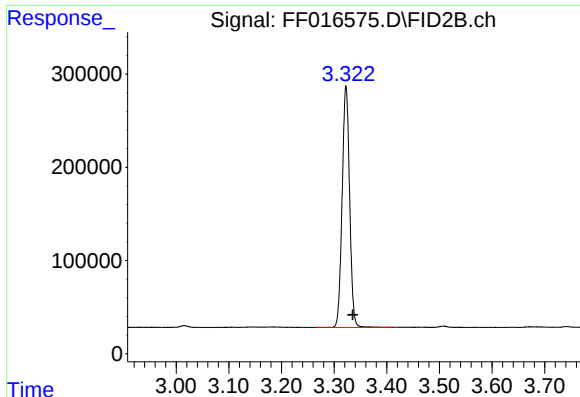
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2025
Supervised By :mohammad ahmed 10/24/2025

Integration File: autoint1.e
Quant Time: Oct 20 23:21:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
Quant Title : GC Extractables
QLast Update : Fri Oct 03 05:49:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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





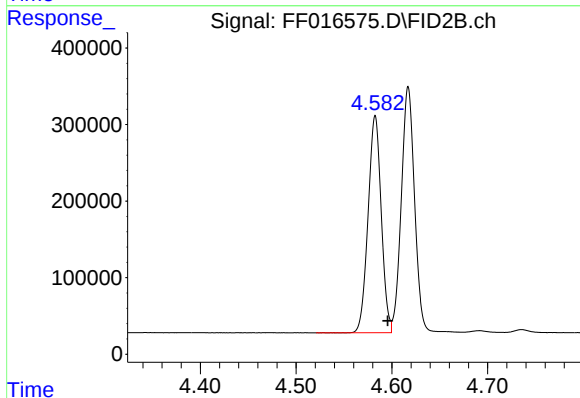
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.012 min
Response: 2549893
Conc: 21.81 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-5-WCMS

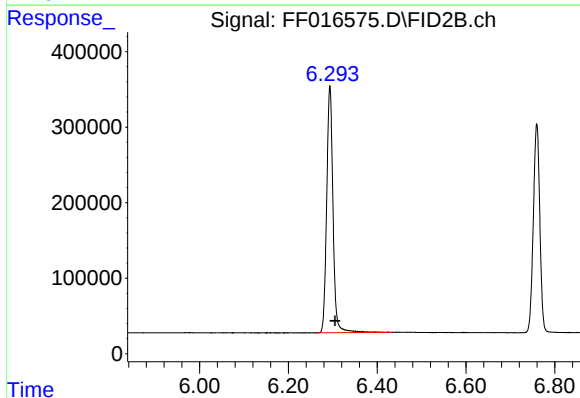
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



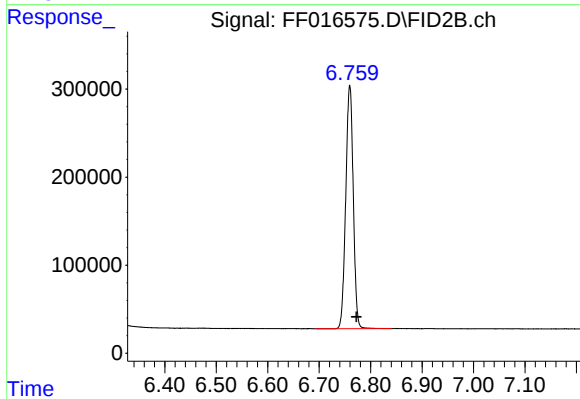
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.013 min
Response: 2702999
Conc: 22.82 ug/ml



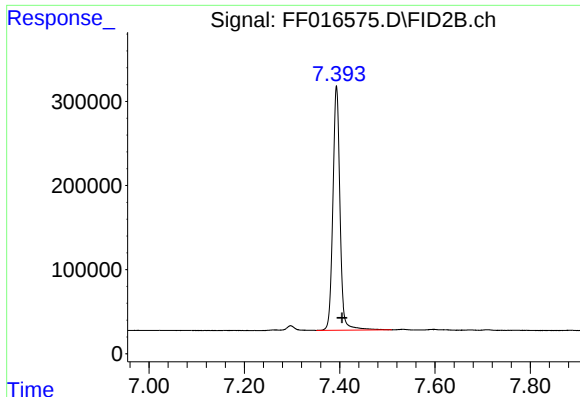
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.011 min
Response: 3228205
Conc: 24.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.759 min
Delta R.T.: -0.013 min
Response: 2802440
Conc: 23.35 ug/ml



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

R.T.: 7.393 min
Delta R.T.: -0.011 min
Response: 2989949
Conc: 23.48 ug/ml

Instrument :

FID_F

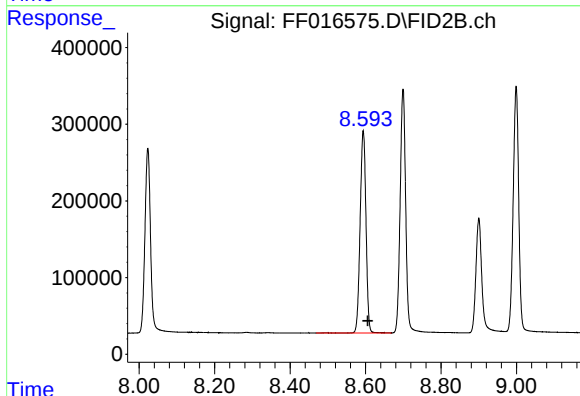
ClientSampleId :

TP-5-WCMS

Manual Integrations

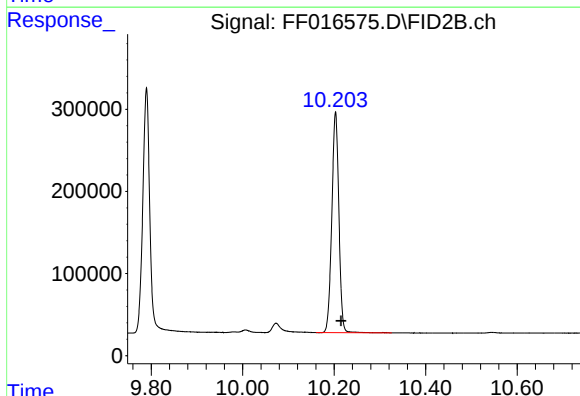
APPROVED

Reviewed By :Yogesh Patel 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



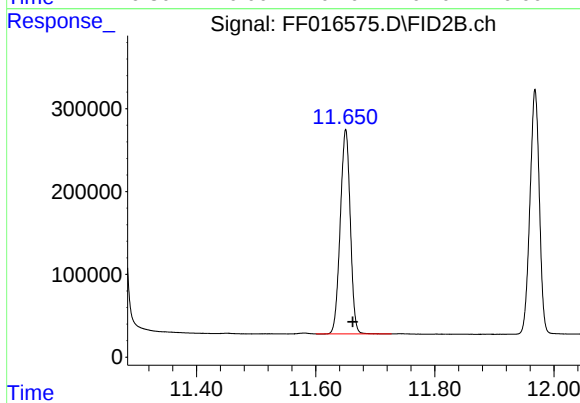
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.012 min
Response: 2834327
Conc: 23.52 ug/ml



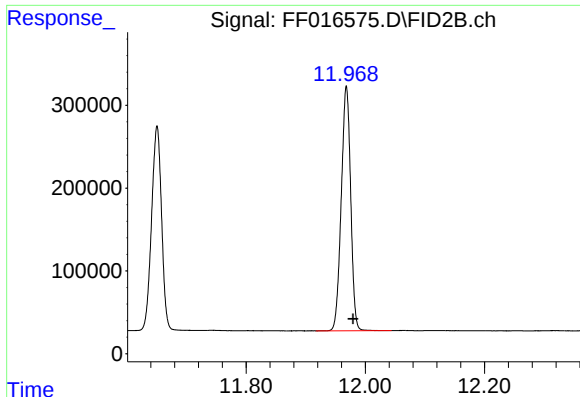
#7 n-Hexadecane (C16)

R.T.: 10.203 min
Delta R.T.: -0.012 min
Response: 2876129
Conc: 23.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.650 min
Delta R.T.: -0.011 min
Response: 2876446
Conc: 22.21 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.011 min
Response: 3238208
Conc: 22.39 ug/ml

Instrument :

FID_F

ClientSampleId :

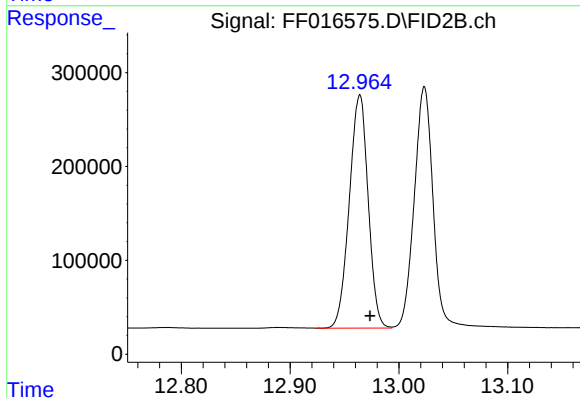
TP-5-WCMS

Manual Integrations

APPROVED

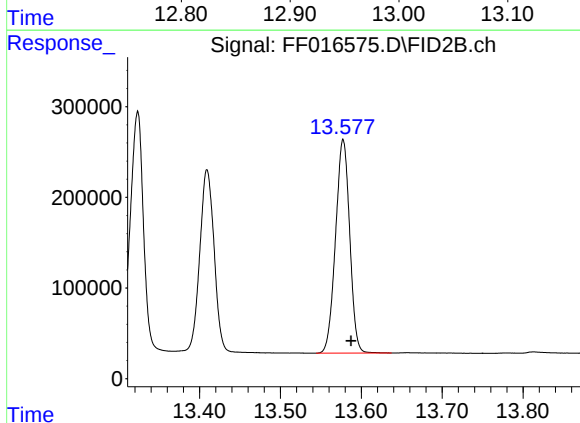
Reviewed By :Yogesh Patel 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



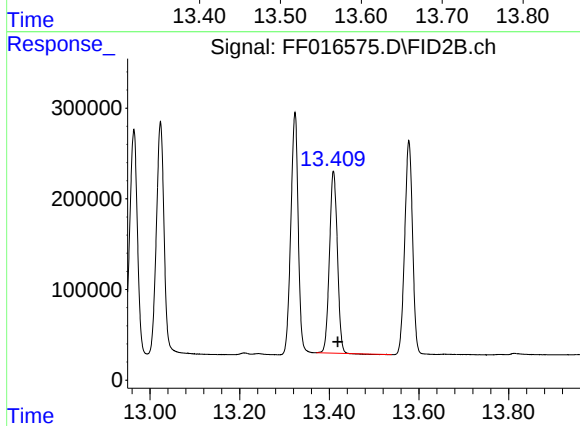
#10 n-Eicosane (C20)

R.T.: 12.964 min
Delta R.T.: -0.010 min
Response: 2990309
Conc: 23.39 ug/ml



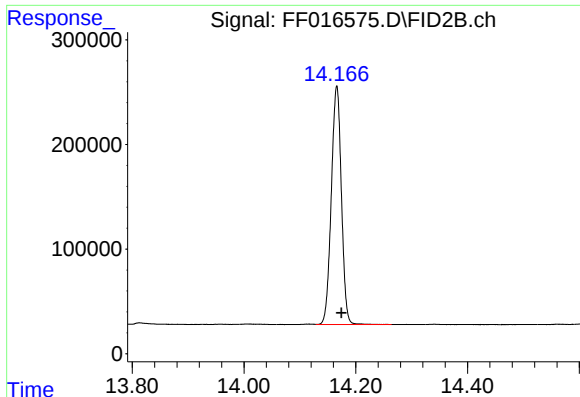
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.010 min
Response: 2862467
Conc: 22.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.409 min
Delta R.T.: -0.010 min
Response: 2444319
Conc: 21.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: -0.009 min
Response: 2854145
Conc: 22.48 ug/ml

Instrument :

FID_F

ClientSampleId :

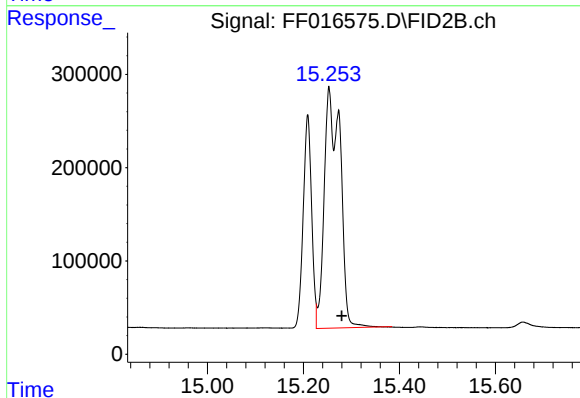
TP-5-WCMS

Manual Integrations

APPROVED

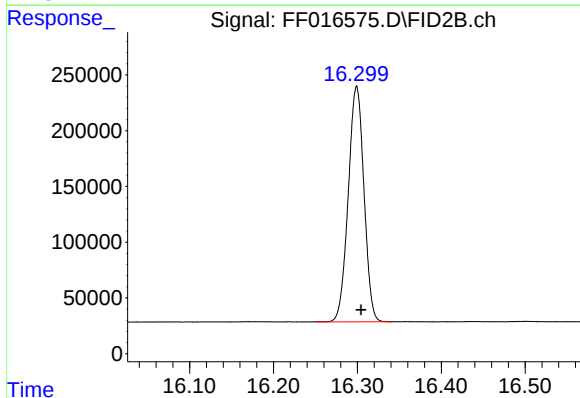
Reviewed By :Yogesh Patel 10/21/2025

Supervised By :mohammad ahmed 10/24/2025



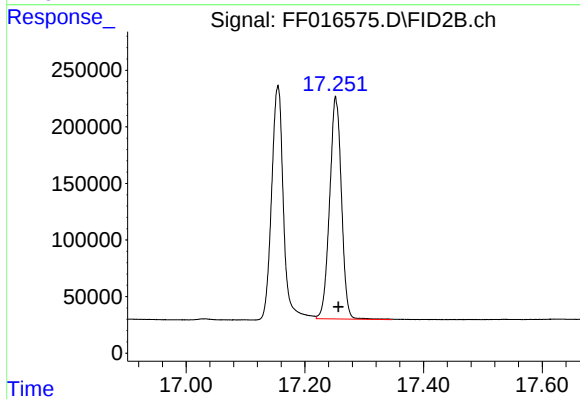
#14 n-Tetracosane (C24)

R.T.: 15.253 min
Delta R.T.: -0.027 min
Response: 5964971
Conc: 46.63 ug/ml m



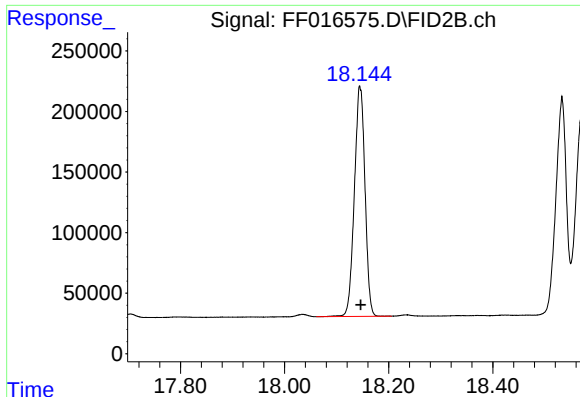
#15 n-Hexacosane (C26)

R.T.: 16.299 min
Delta R.T.: -0.005 min
Response: 2747425
Conc: 21.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: -0.005 min
Response: 2713442
Conc: 22.15 ug/ml m



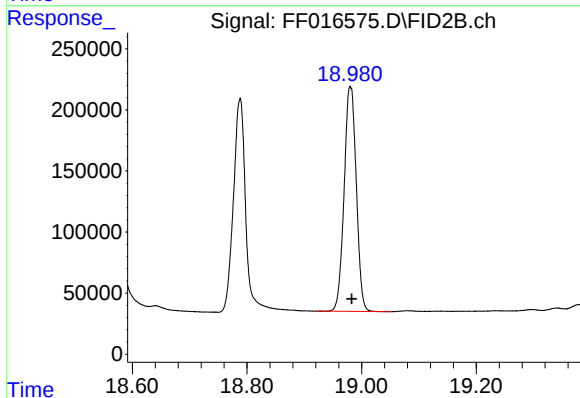
#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: -0.001 min
Response: 2690943
Conc: 21.61 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-5-WCMS

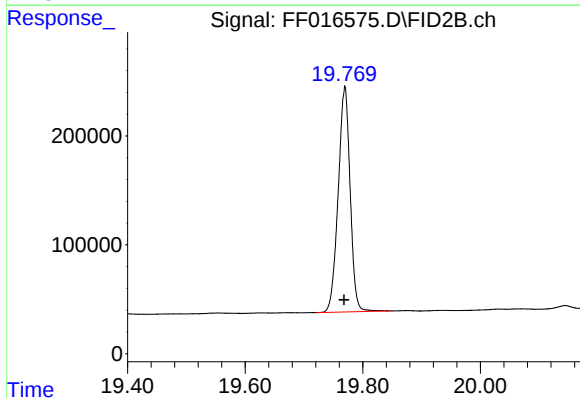
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



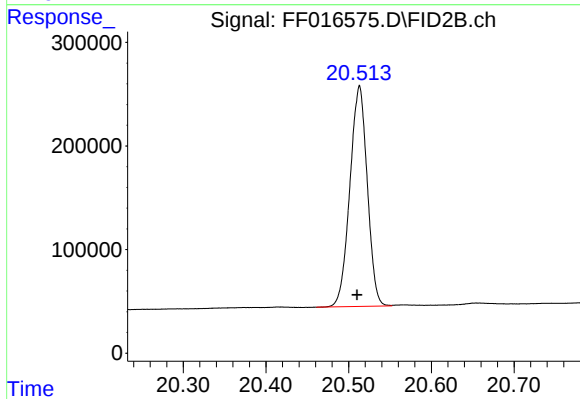
#18 n-Dotriacontane (C32)

R.T.: 18.980 min
Delta R.T.: -0.002 min
Response: 2707517
Conc: 22.46 ug/ml



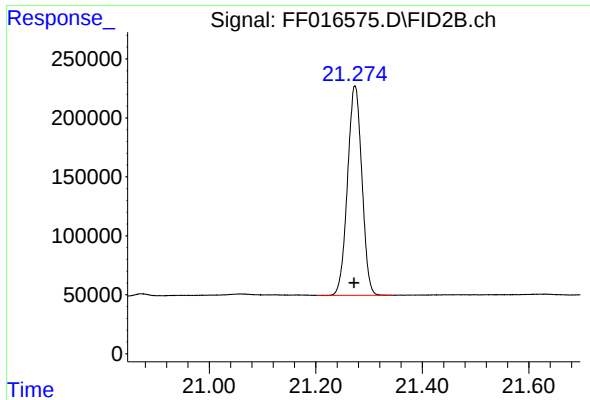
#19 n-Tetratriacontane (C34)

R.T.: 19.769 min
Delta R.T.: 0.000 min
Response: 2917736
Conc: 26.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.513 min
Delta R.T.: 0.003 min
Response: 3113120
Conc: 33.36 ug/ml



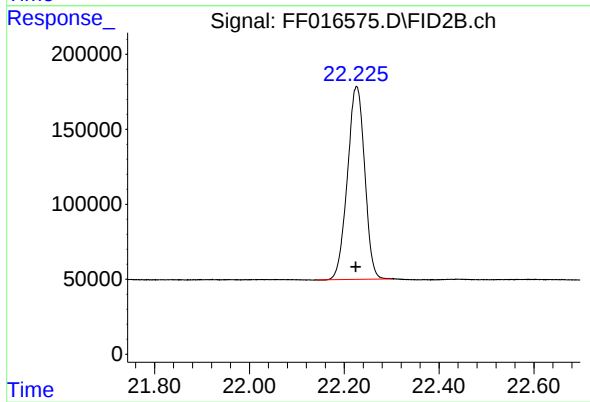
#21 n-Octatriacontane (C38)

R.T.: 21.274 min
Delta R.T.: 0.002 min
Response: 3321191
Conc: 39.49 ug/ml

Instrument :
FID_F
ClientSampleId :
TP-5-WCMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



#22 n-Tetracontane (C40)

R.T.: 22.226 min
Delta R.T.: 0.002 min
Response: 3246663
Conc: 41.35 ug/ml