

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015702.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 15:27
 Operator : YP\AJ
 Sample : Q1574-01MSD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

WC1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 21 02:47:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M

Quant Title : GC Extractables

QLast Update : Tue Mar 18 02:31:19 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			
12) S 1-chlorooctadecane (S...	13.382	5096779	44.908 ug/mlm
Spiked Amount 50.000		Recovery =	89.82%
Target Compounds			
1) T n-Nonane (C9)	3.310	2327332	18.374 ug/ml
2) T n-Decane (C10)	4.567	3083883	24.015 ug/ml
4) T n-Dodecane (C12)	6.735	4220901	32.389 ug/ml
6) T n-Tetradecane (C14)	8.563	4694556	36.250 ug/ml
7) T n-Hexadecane (C16)	10.171	4850153	36.270 ug/ml
8) T n-Octadecane (C18)	11.615	5174320	37.576 ug/ml
10) T n-Eicosane (C20)	12.933	5422010	40.231 ug/ml
11) T n-Heneicosane (C21)	13.551	4555680	34.088 ug/mlm
13) T n-Docosane (C22)	14.144	5094130	38.068 ug/mlm
14) T n-Tetracosane (C24)	15.257	7495982	55.993 ug/mlm
15) T n-Hexacosane (C26)	16.288	4717343	36.068 ug/mlm
16) T n-Octacosane (C28)	17.249	5273780	40.371 ug/mlm
17) T n-Tricontane (C30)	18.134	4598957	34.104 ug/mlm
18) T n-Dotriacontane (C32)	18.957	5073117	38.903 ug/mlm
19) T n-Tetratriacontane (C34)	19.740	5991219	51.325 ug/ml
20) T n-Hexatriacontane (C36)	20.473	3788925	38.168 ug/mlm
21) T n-Octatriacontane (C38)	21.211	4841368	55.411 ug/ml
22) T n-Tetracontane (C40)	22.129	4686347	58.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
Data File : FF015702.D
Signal(s) : FID2B.ch
Acq On : 20 Mar 2025 15:27
Operator : YP\AJ
Sample : Q1574-01MSD
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument :

FID_F

Client Sample Id :

WC1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/21/2025

Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e

Quant Time: Mar 21 02:47:08 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M

Quant Title : GC Extractables

QLast Update : Tue Mar 18 02:31:19 2025

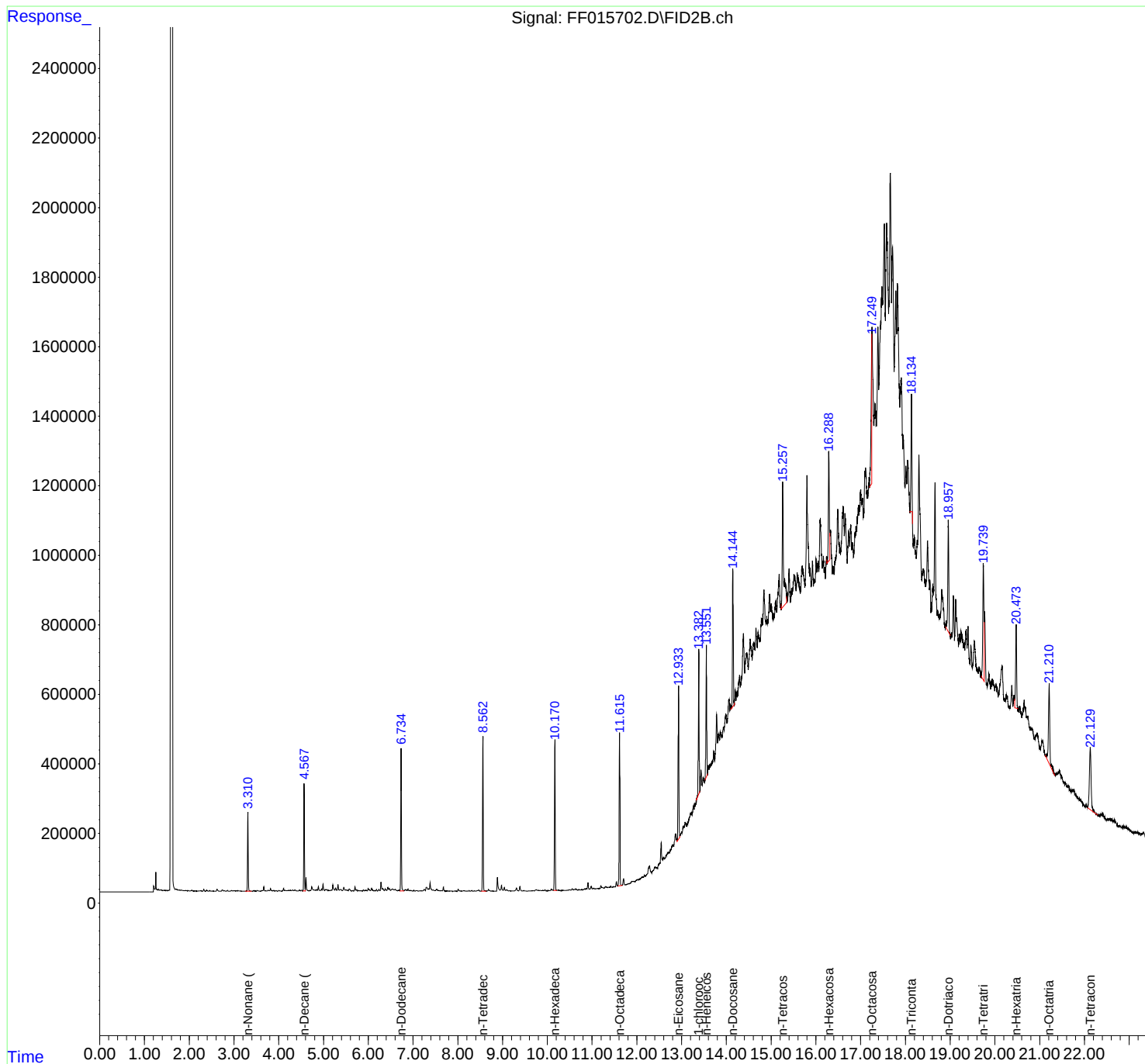
Response via : Initial Calibration

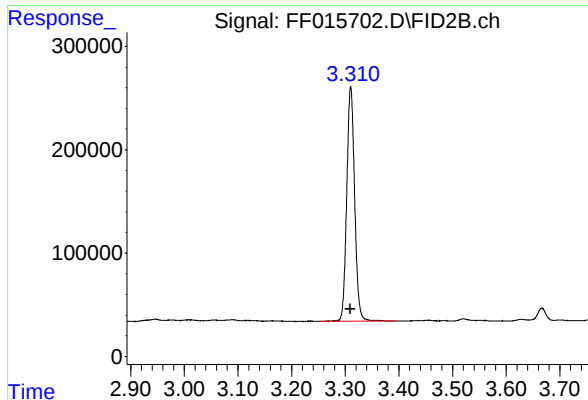
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





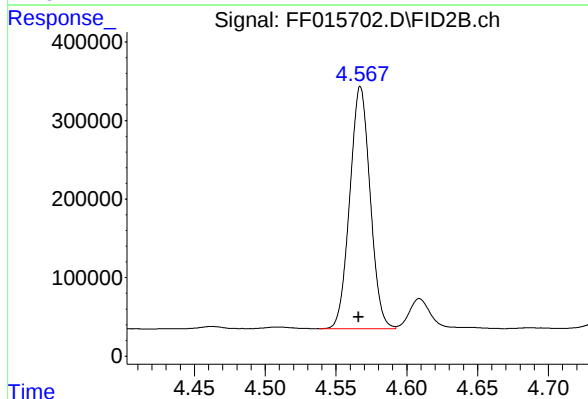
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 2327332
Conc: 18.37 ug/ml

Instrument :
FID_F
ClientSampleId :
WC1MSD

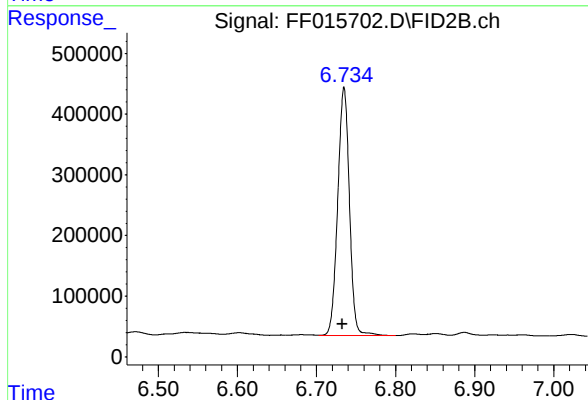
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



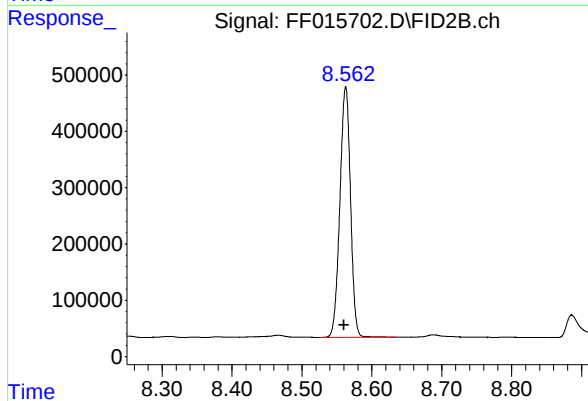
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.001 min
Response: 3083883
Conc: 24.01 ug/ml



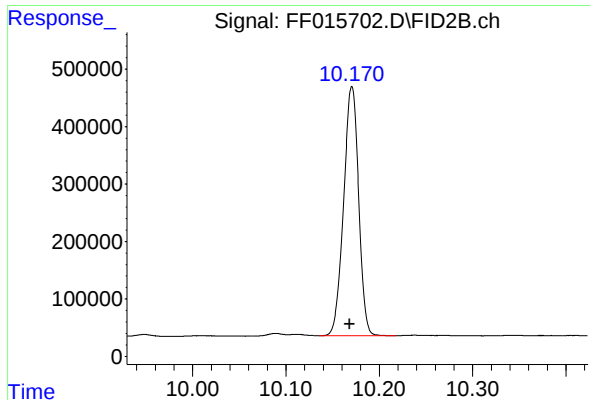
#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 4220901
Conc: 32.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.002 min
Response: 4694556
Conc: 36.25 ug/ml



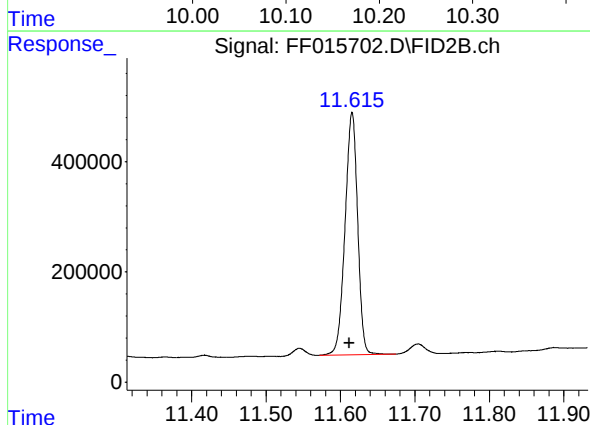
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.002 min
Response: 4850153
Conc: 36.27 ug/ml

Instrument :
FID_F
ClientSampleId :
WC1MSD

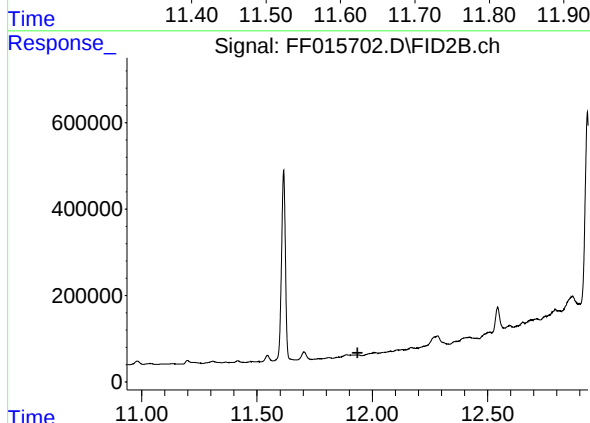
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



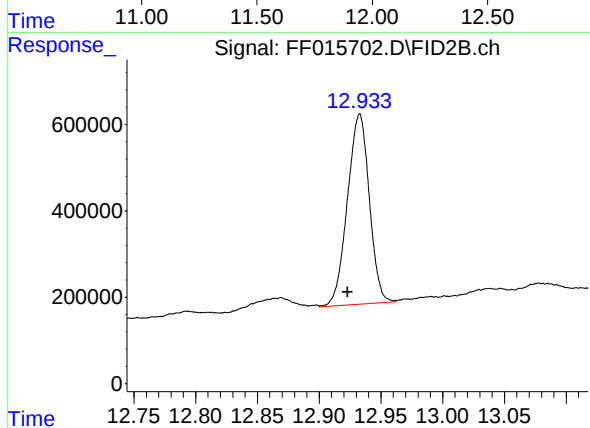
#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: 0.003 min
Response: 5174320
Conc: 37.58 ug/ml



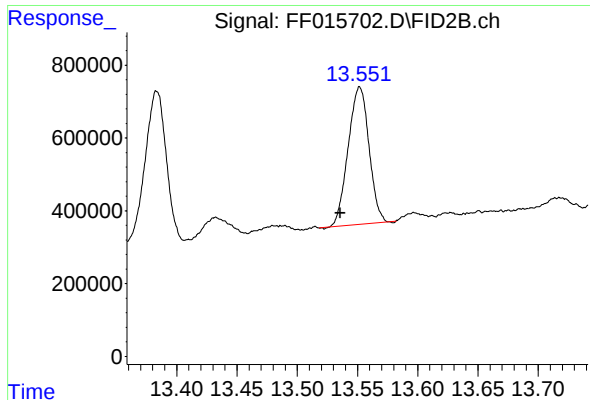
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.936 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.933 min
Delta R.T.: 0.010 min
Response: 5422010
Conc: 40.23 ug/ml



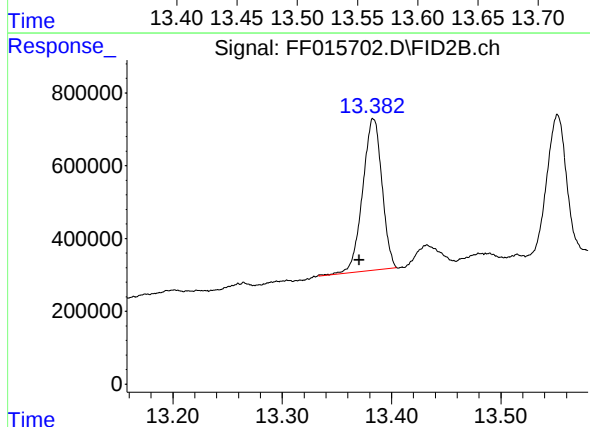
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.015 min
Response: 4555680
Conc: 34.09 ug/ml

Instrument :
FID_F
ClientSampleId :
WC1MSD

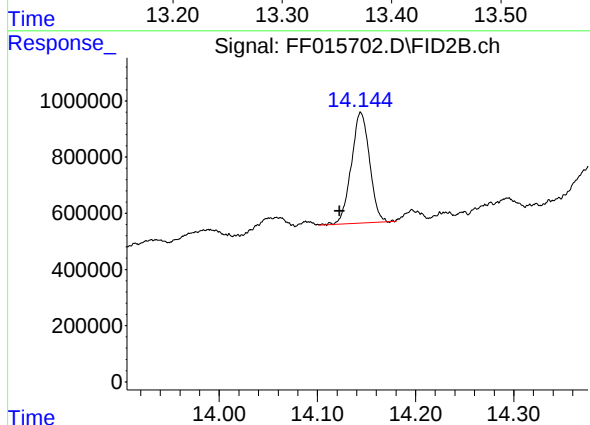
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



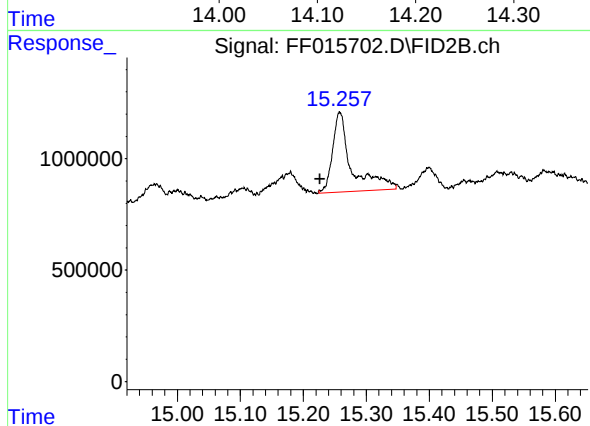
#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: 0.012 min
Response: 5096779
Conc: 44.91 ug/ml



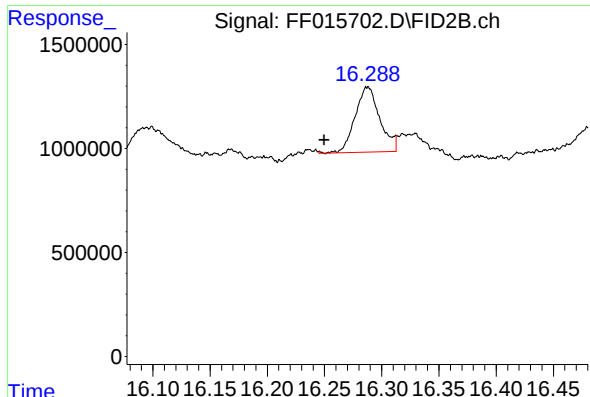
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: 0.021 min
Response: 5094130
Conc: 38.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.257 min
Delta R.T.: 0.031 min
Response: 7495982
Conc: 55.99 ug/ml



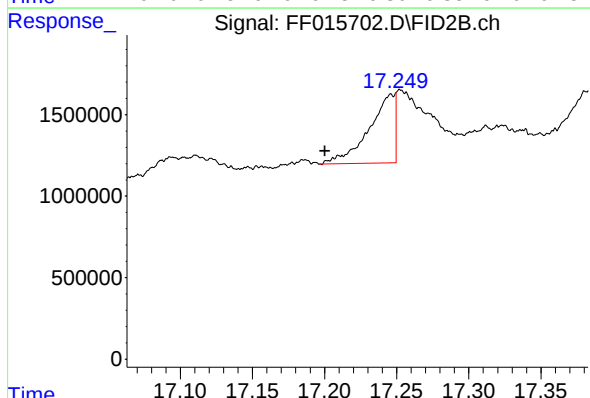
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.038 min
Response: 4717343
Conc: 36.07 ug/ml

Instrument :
FID_F
ClientSampleId :
WC1MSD

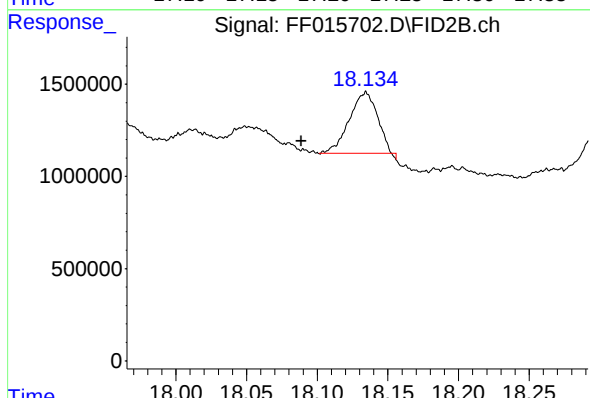
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



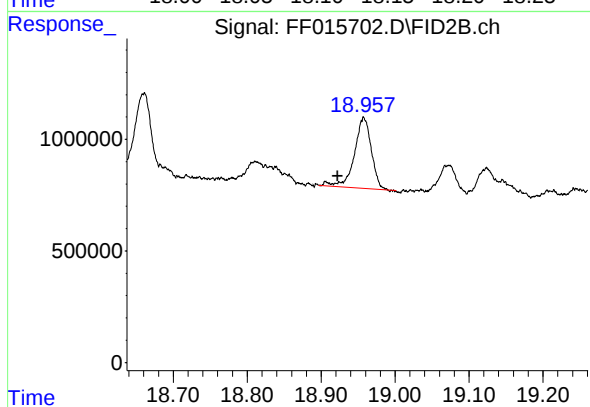
#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.049 min
Response: 5273780
Conc: 40.37 ug/ml m



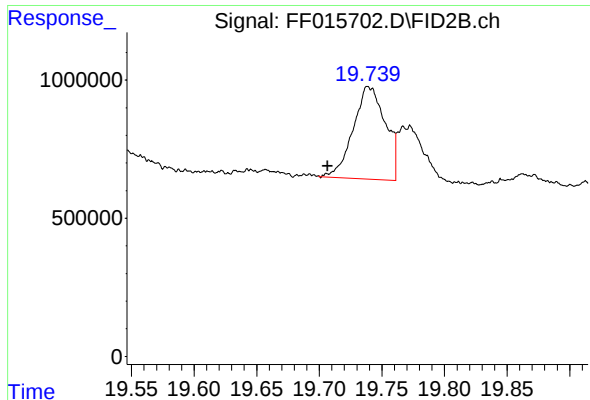
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.046 min
Response: 4598957
Conc: 34.10 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.034 min
Response: 5073117
Conc: 38.90 ug/ml m



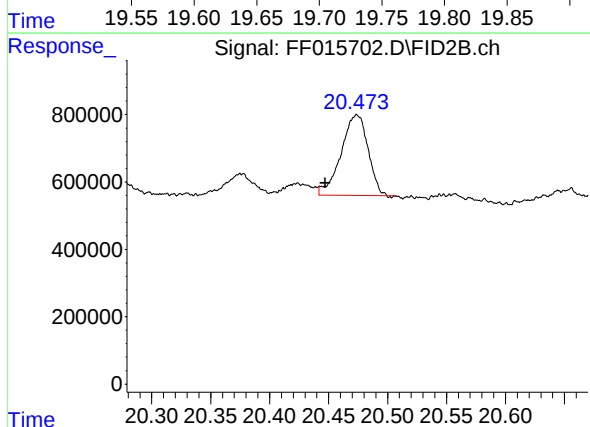
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.033 min
Response: 5991219
Conc: 51.32 ug/ml

Instrument :
FID_F
ClientSampleId :
WC1MSD

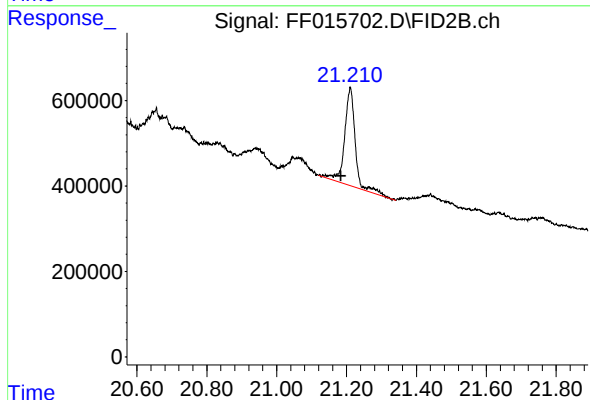
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/21/2025
Supervised By :mohammad ahmed 03/24/2025



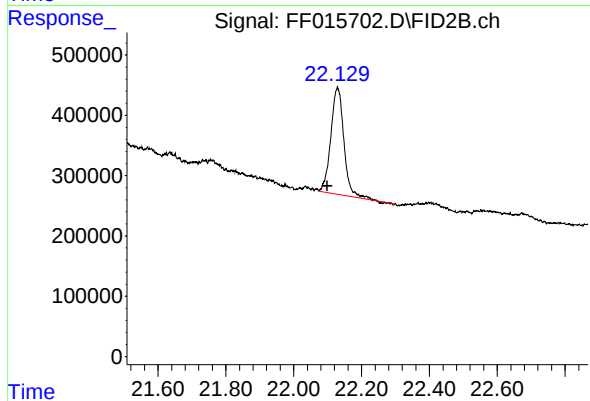
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
Delta R.T.: 0.026 min
Response: 3788925
Conc: 38.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.027 min
Response: 4841368
Conc: 55.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.030 min
Response: 4686347
Conc: 58.39 ug/ml