

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
 Data File : FC067877.D
 Signal(s) : FID1A.ch
 Acq On : 27 Nov 2024 11:51
 Operator : YP/AJ
 Sample : P5002-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-7-TPH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 00:16:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:13:15 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)	11.473	5858828	30.219 ug/mlm
Spiked Amount 50.000		Recovery =	60.44%
12) S 1-chlorooctadecane (S...	12.950	6379282	43.946 ug/mlm
Spiked Amount 50.000		Recovery =	87.89%
Target Compounds			
1) T n-Nonane (C9)	3.287	2897405	17.763 ug/ml
2) T n-Decane (C10)	4.350	4042443	24.377 ug/ml
4) T n-Dodecane (C12)	6.369	6033405	35.822 ug/mlm
6) T n-Tetradecane (C14)	8.168	6528498	38.983 ug/mlm
7) T n-Hexadecane (C16)	9.720	5569130	32.136 ug/mlm
10) T n-Eicosane (C20)	12.510	8092953	48.062 ug/mlm
11) T n-Heneicosane (C21)	13.117	5684507	34.548 ug/mlm
13) T n-Docosane (C22)	13.700	5877311	36.090 ug/mlm
14) T n-Tetracosane (C24)	14.797	5479084	34.163 ug/mlm
15) T n-Hexacosane (C26)	15.817	5087823	32.854 ug/mlm
16) T n-Octacosane (C28)	16.765	5649701	37.409 ug/mlm
17) T n-Tricontane (C30)	17.649	5352244	34.957 ug/mlm
18) T n-Dotriacontane (C32)	18.479	4964353	33.613 ug/mlm
19) T n-Tetratriacontane (C34)	19.264	5250708	41.629 ug/mlm
20) T n-Hexatriacontane (C36)	20.000	4559054	43.591 ug/mlm
21) T n-Octatriacontane (C38)	20.721	4365806	44.693 ug/ml
22) T n-Tetracontane (C40)	21.610	4355431	44.686 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112724AL\
Data File : FC067877.D
Signal(s) : FID1A.ch
Acq On : 27 Nov 2024 11:51
Operator : YP/AJ
Sample : P5002-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

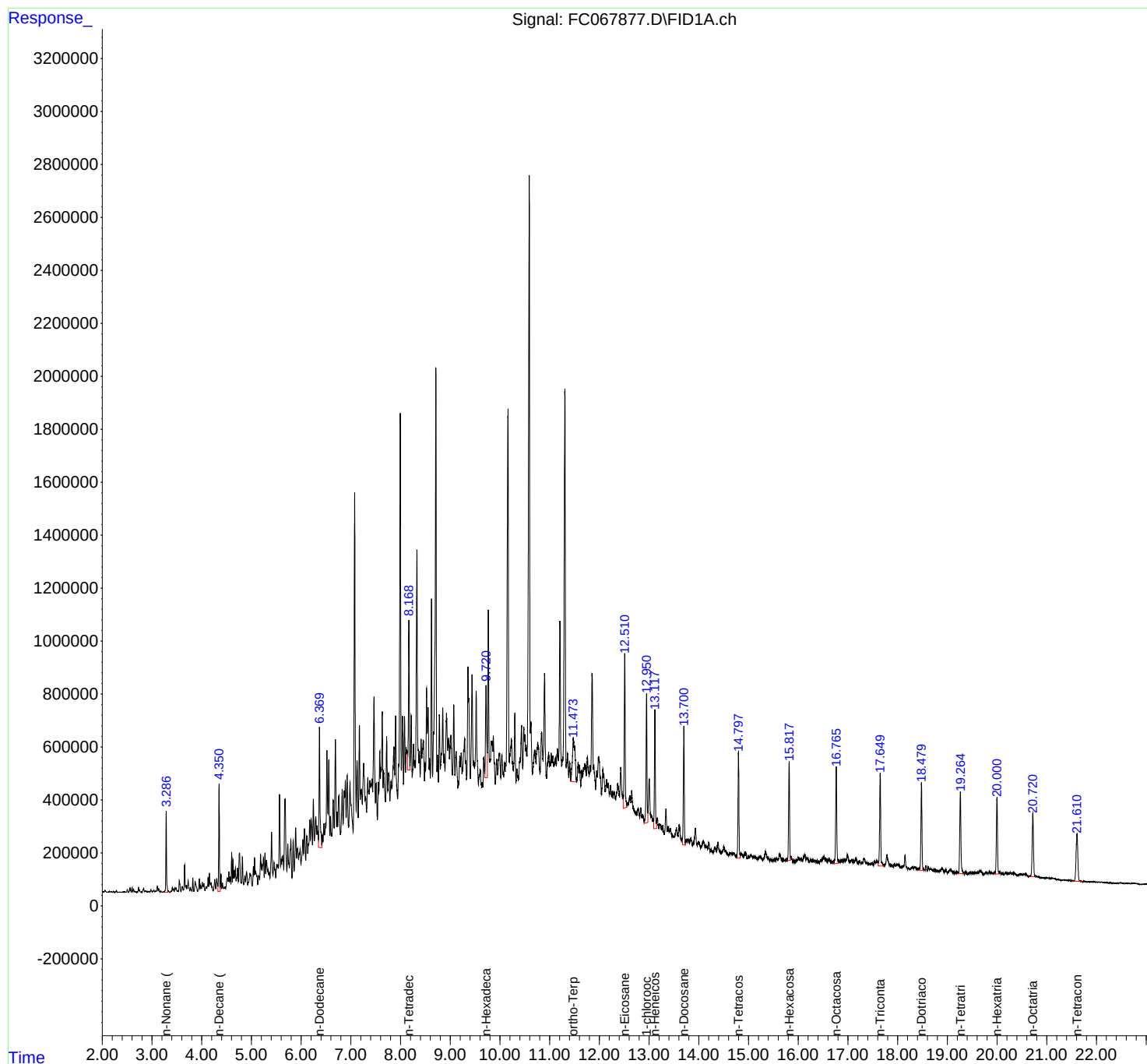
Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

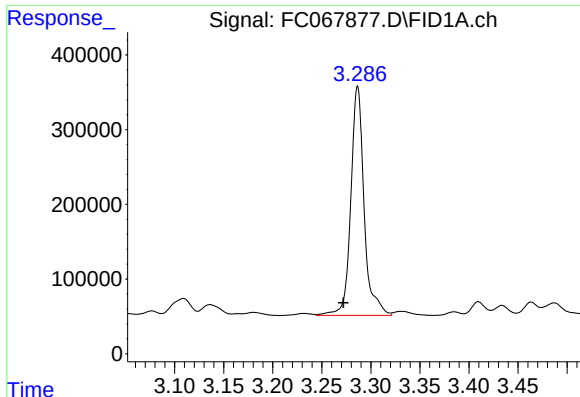
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
Quant Time: Nov 28 00:16:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:13:15 2024
Response via : Initial Calibration
Integrator: ChemStation

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





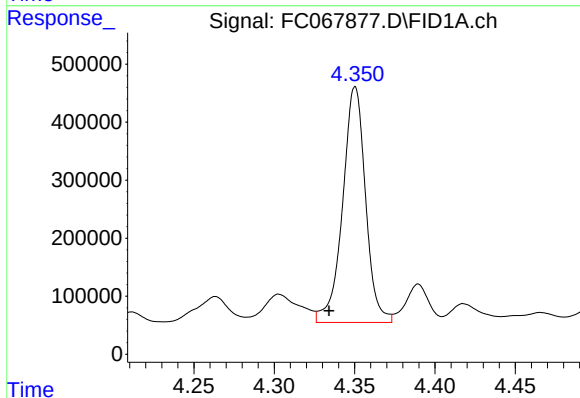
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.015 min
Response: 2897405
Conc: 17.76 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

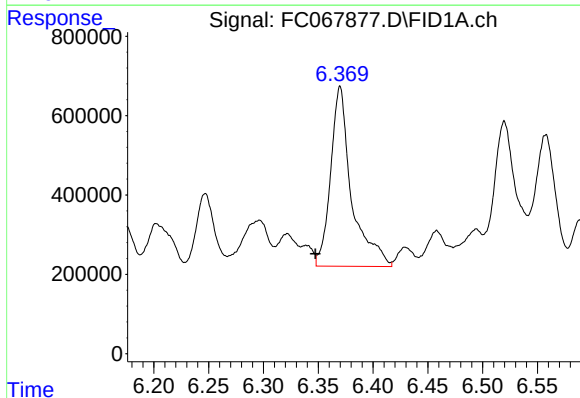
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



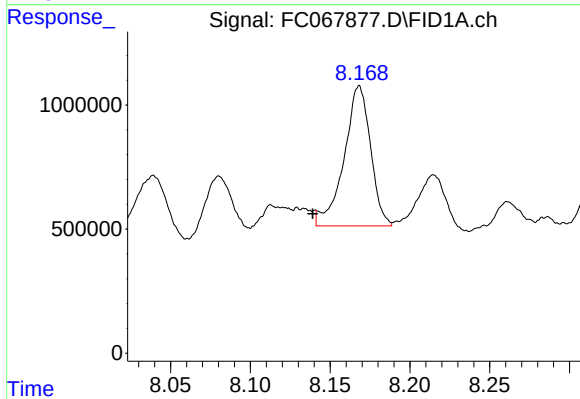
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.016 min
Response: 4042443
Conc: 24.38 ug/ml



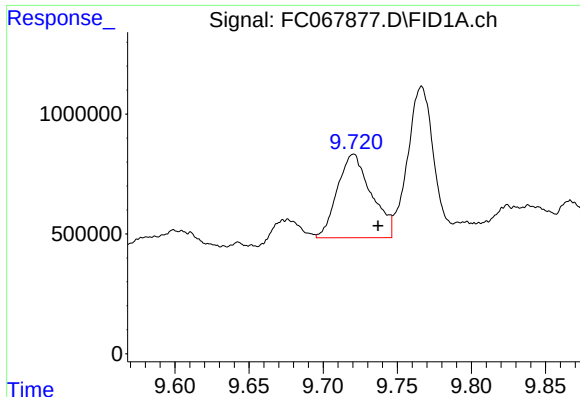
#4 n-Dodecane (C12)

R.T.: 6.369 min
Delta R.T.: 0.022 min
Response: 6033405
Conc: 35.82 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: 0.029 min
Response: 6528498
Conc: 38.98 ug/ml m



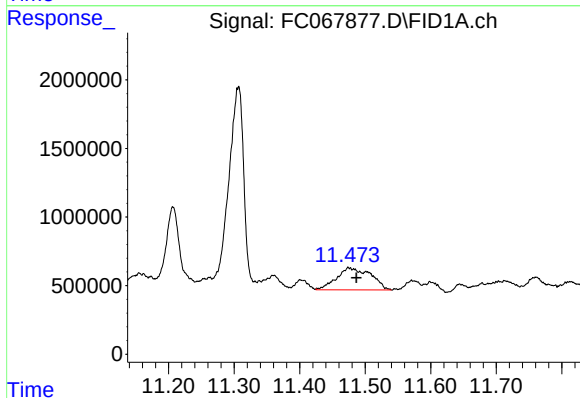
#7 n-Hexadecane (C16)

R.T.: 9.720 min
Delta R.T.: -0.017 min
Response: 5569130
Conc: 32.14 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

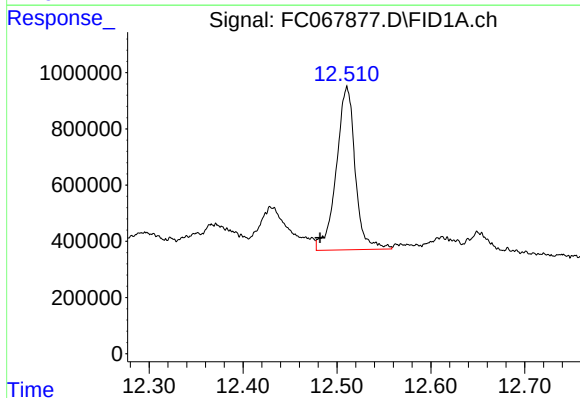
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



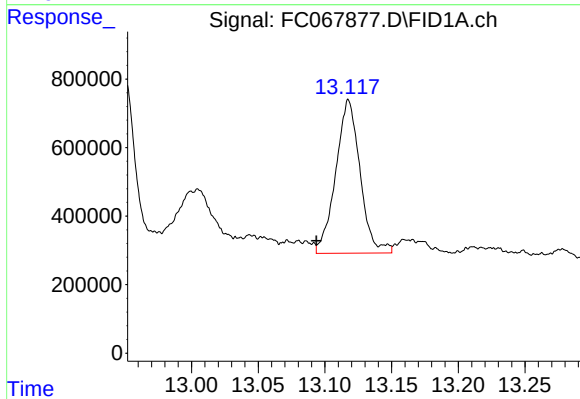
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: -0.013 min
Response: 5858828
Conc: 30.22 ug/ml m



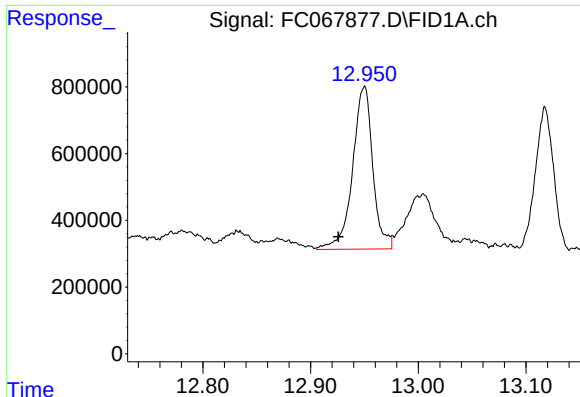
#10 n-Eicosane (C20)

R.T.: 12.510 min
Delta R.T.: 0.028 min
Response: 8092953
Conc: 48.06 ug/ml m



#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: 0.023 min
Response: 5684507
Conc: 34.55 ug/ml m



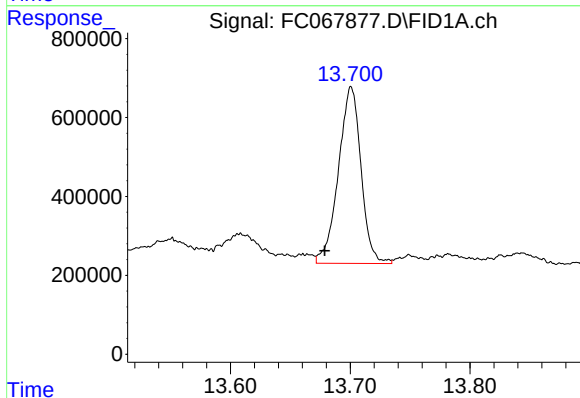
#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: 0.024 min
Response: 6379282
Conc: 43.95 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

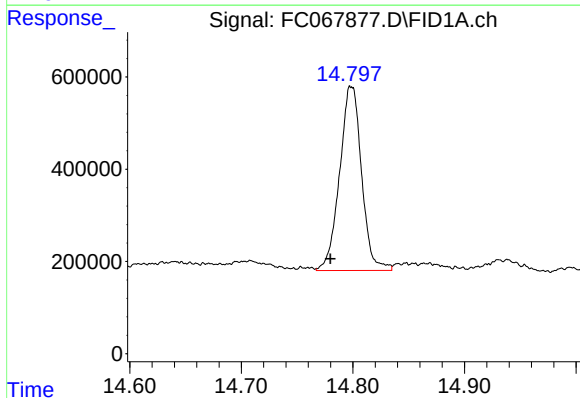
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



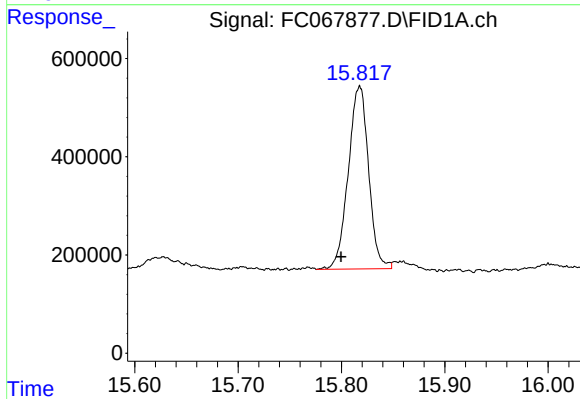
#13 n-Docosane (C22)

R.T.: 13.700 min
Delta R.T.: 0.021 min
Response: 5877311
Conc: 36.09 ug/ml m



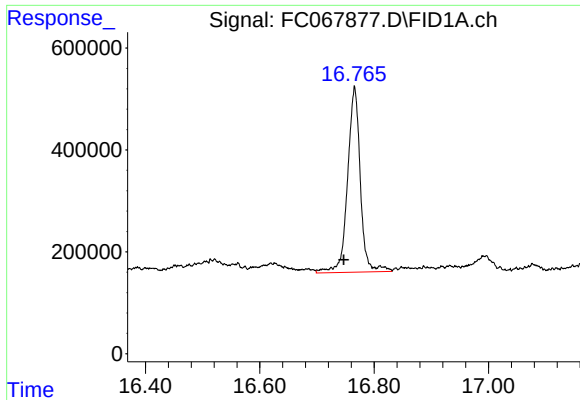
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.017 min
Response: 5479084
Conc: 34.16 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.817 min
Delta R.T.: 0.018 min
Response: 5087823
Conc: 32.85 ug/ml m



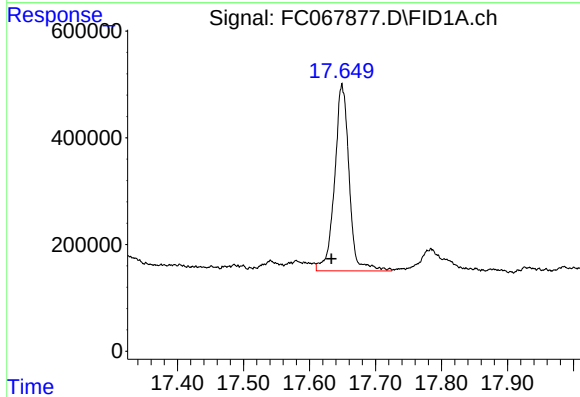
#16 n-Octacosane (C28)

R.T.: 16.765 min
Delta R.T.: 0.018 min
Response: 5649701
Conc: 37.41 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

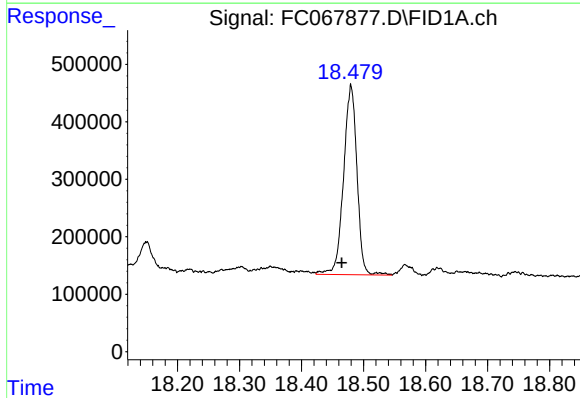
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



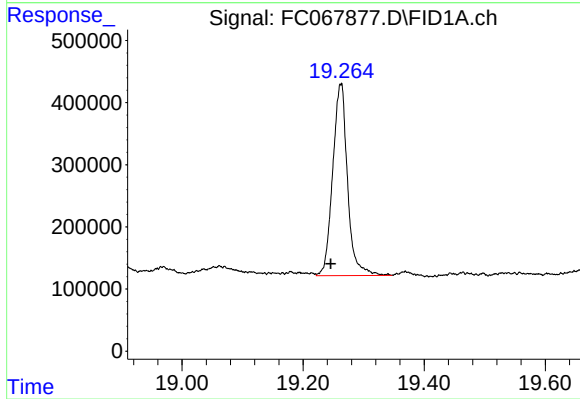
#17 n-Tricontane (C30)

R.T.: 17.649 min
Delta R.T.: 0.016 min
Response: 5352244
Conc: 34.96 ug/ml m



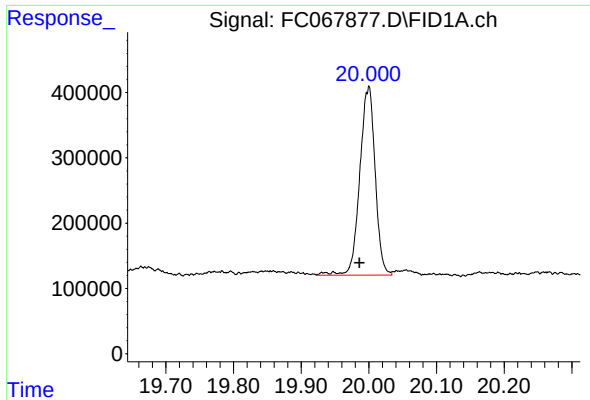
#18 n-Dotriacontane (C32)

R.T.: 18.479 min
Delta R.T.: 0.014 min
Response: 4964353
Conc: 33.61 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.264 min
Delta R.T.: 0.018 min
Response: 5250708
Conc: 41.63 ug/ml m



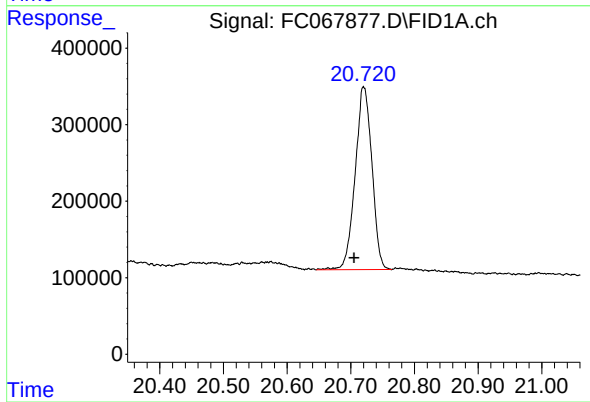
#20 n-Hexatriacontane (C36)

R.T.: 20.000 min
Delta R.T.: 0.013 min
Response: 4559054
Conc: 43.59 ug/ml

Instrument :
FID_C
ClientSampleId :
EX-7-TPH-1MSD

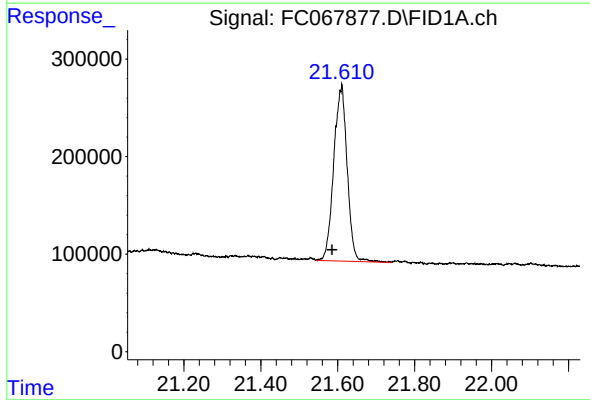
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/02/2024
Supervised By :Ankita Jodhani 12/02/2024



#21 n-Octatriacontane (C38)

R.T.: 20.721 min
Delta R.T.: 0.015 min
Response: 4365806
Conc: 44.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.024 min
Response: 4355431
Conc: 44.69 ug/ml