

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F111824AL\
 Data File : FC067808.D
 Signal(s) : FID1A.ch
 Acq On : 18 Nov 2024 16:03
 Operator : YP/AJ
 Sample : PB165032BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB165032BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: sample.E

Quant Time: Nov 19 04:55:14 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			
12) S 1-chlorooctadecane (S...	12.930	4728305	32.573 ug/ml
Spiked Amount 50.000		Recovery =	65.15%
Target Compounds			
1) T n-Nonane (C9)	3.275	4201336	25.757 ug/ml
2) T n-Decane (C10)	4.336	5318827	32.074 ug/ml
4) T n-Dodecane (C12)	6.350	6374072	37.845 ug/ml
6) T n-Tetradecane (C14)	8.143	6743982	40.269 ug/ml
7) T n-Hexadecane (C16)	9.741	6829435	39.409 ug/ml
8) T n-Octadecane (C18)	11.181	6973343	39.635 ug/ml
10) T n-Eicosane (C20)	12.489	6948691	41.266 ug/ml
11) T n-Heneicosane (C21)	13.099	6626527	40.273 ug/ml
13) T n-Docosane (C22)	13.684	6516169	40.013 ug/ml
14) T n-Tetracosane (C24)	14.786	6265085	39.064 ug/ml
15) T n-Hexacosane (C26)	15.804	6001566	38.754 ug/ml
16) T n-Octacosane (C28)	16.752	5807215	38.452 ug/ml
17) T n-Tricontane (C30)	17.640	5683424	37.120 ug/ml
18) T n-Dotriacontane (C32)	18.471	5539429	37.507 ug/ml
19) T n-Tetratriacontane (C34)	19.252	5319803	42.177 ug/ml
20) T n-Hexatriacontane (C36)	19.990	5069997	48.476 ug/ml
21) T n-Octatriacontane (C38)	20.712	5099821	52.207 ug/ml
22) T n-Tetracontane (C40)	21.596	5079880	52.119 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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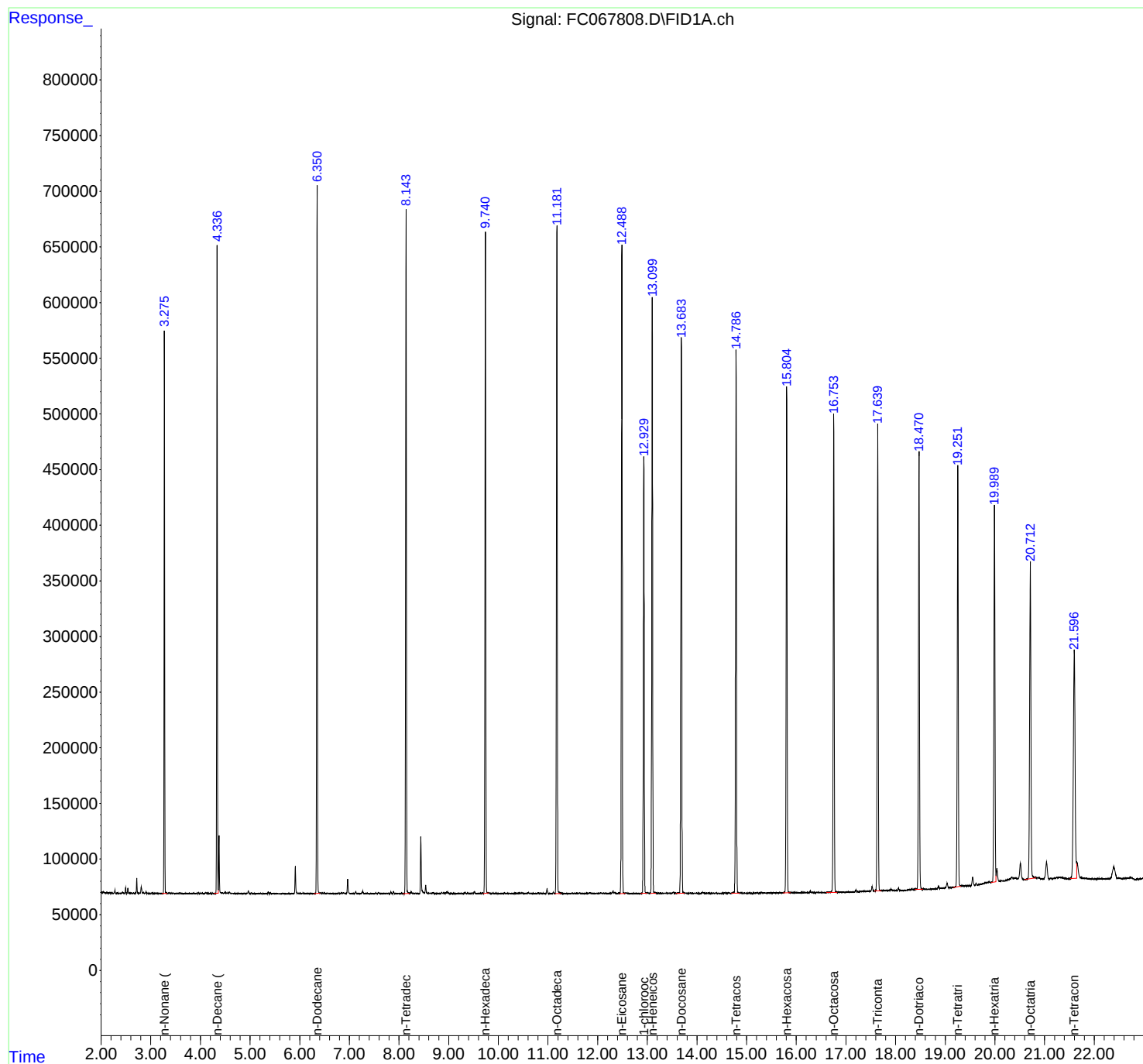
Response via : Initial Calibration

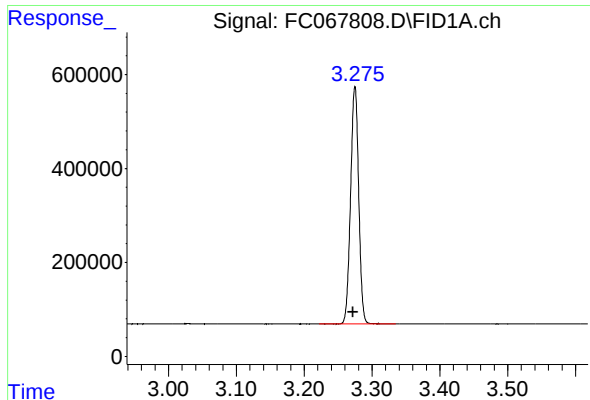
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





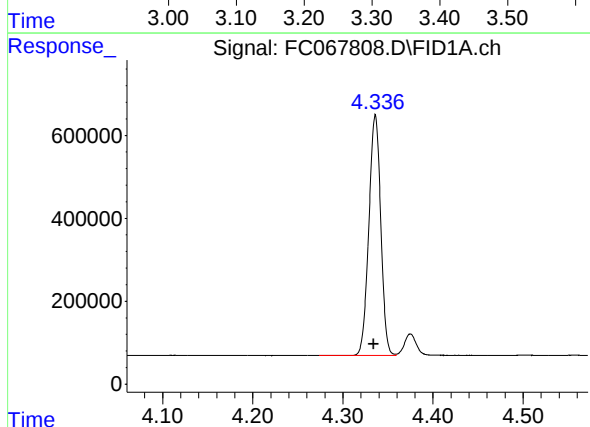
#1 n-Nonane (C9)

R.T.: 3.275 min
Delta R.T.: 0.003 min
Response: 4201336
Conc: 25.76 ug/ml

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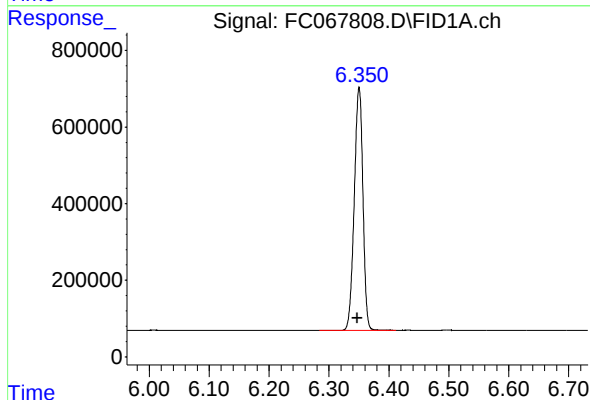
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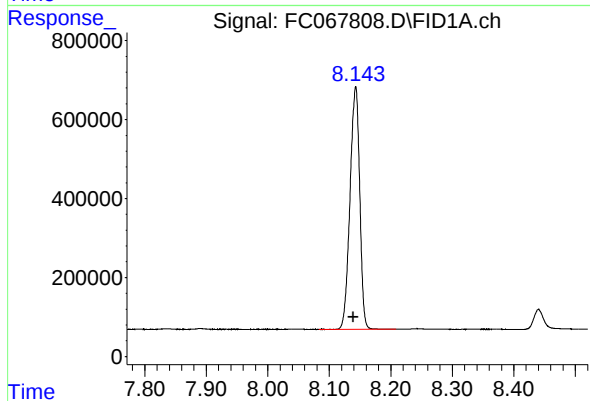
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.002 min
Response: 5318827
Conc: 32.07 ug/ml



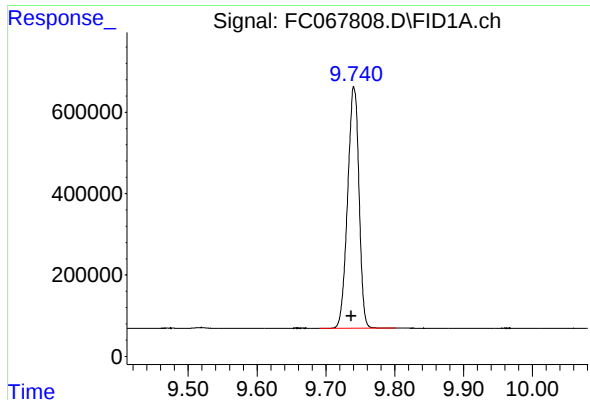
#4 n-Dodecane (C12)

R.T.: 6.350 min
Delta R.T.: 0.003 min
Response: 6374072
Conc: 37.84 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: 0.004 min
Response: 6743982
Conc: 40.27 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: 0.004 min
Response: 6829435
Conc: 39.41 ug/ml

Instrument :

FID_C

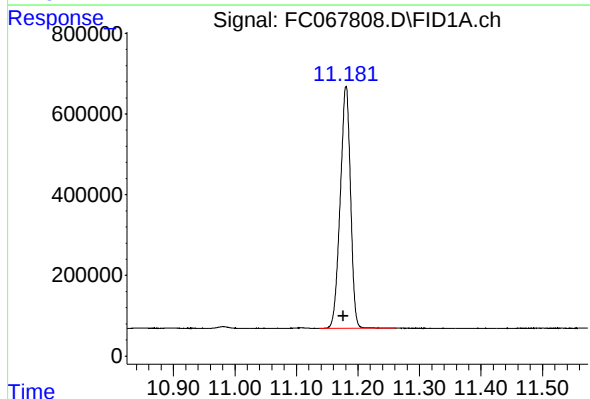
ClientSampleId :

PB165032BS

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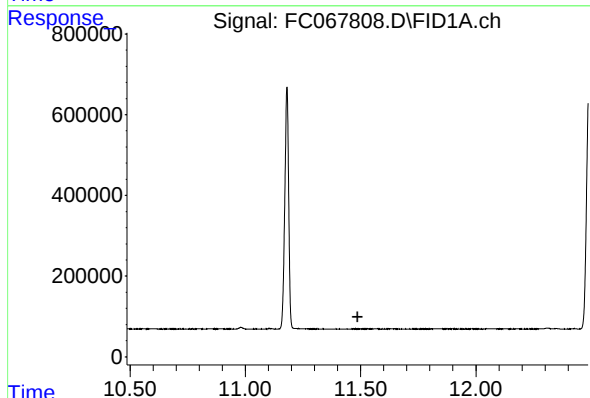
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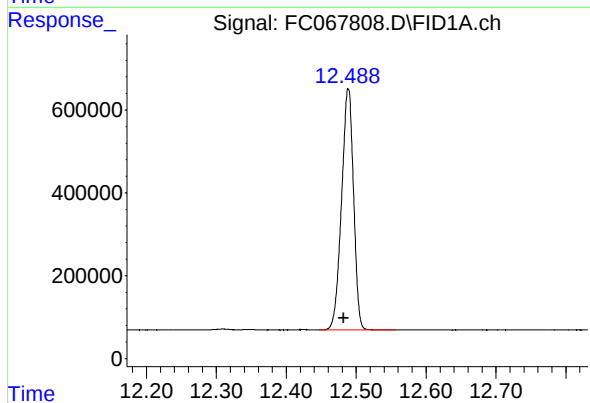
#8 n-Octadecane (C18)

R.T.: 11.181 min
Delta R.T.: 0.004 min
Response: 6973343
Conc: 39.63 ug/ml



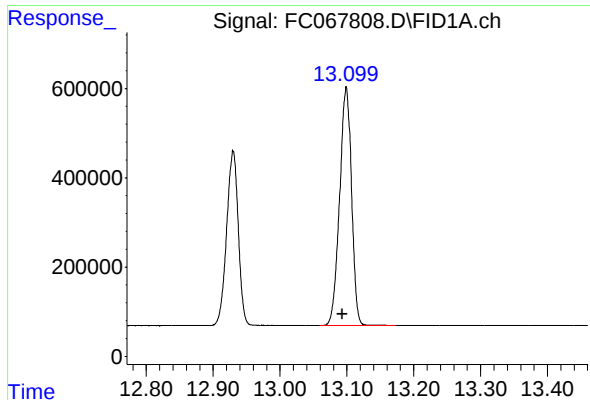
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.486 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: 0.006 min
Response: 6948691
Conc: 41.27 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 6626527
Conc: 40.27 ug/ml

Instrument :

FID_C

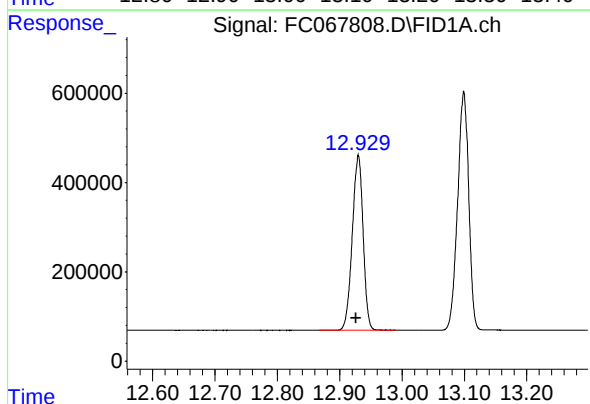
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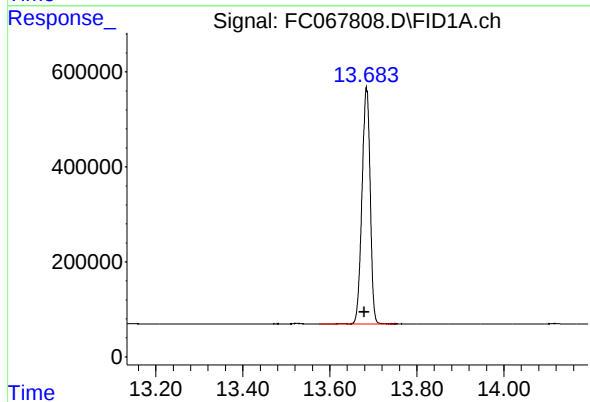
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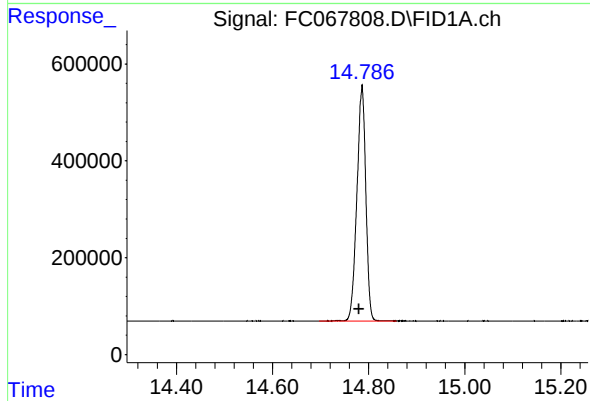
#12 1-chlorooctadecane (SURR)

R.T.: 12.930 min
Delta R.T.: 0.004 min
Response: 4728305
Conc: 32.57 ug/ml



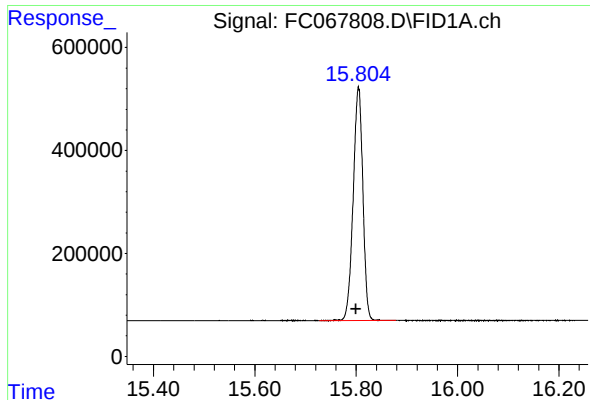
#13 n-Docosane (C22)

R.T.: 13.684 min
Delta R.T.: 0.006 min
Response: 6516169
Conc: 40.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.786 min
Delta R.T.: 0.006 min
Response: 6265085
Conc: 39.06 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.005 min
Response: 6001566
Conc: 38.75 ug/ml

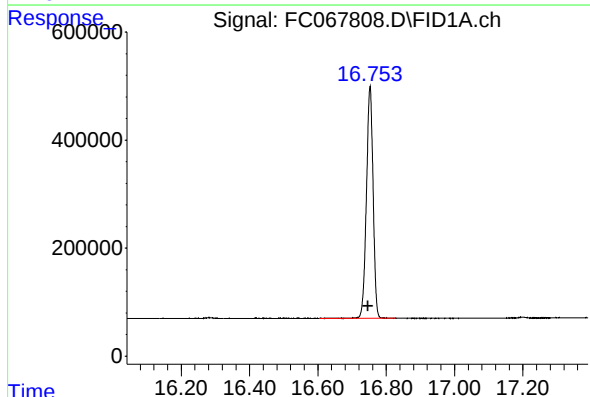
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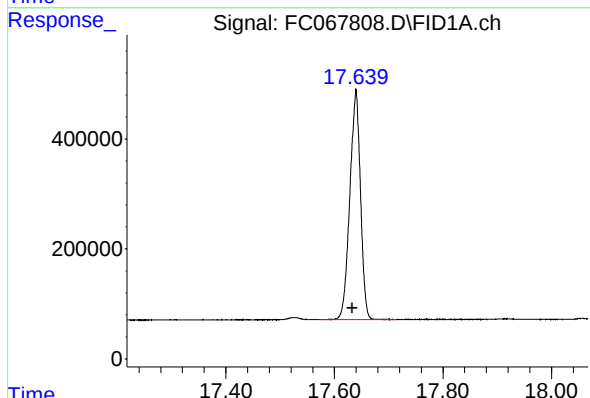
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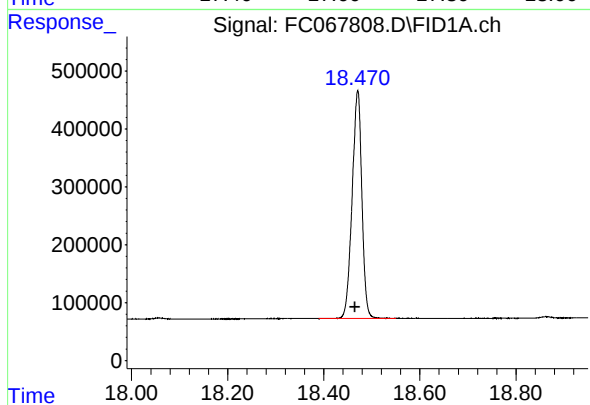
#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: 0.006 min
Response: 5807215
Conc: 38.45 ug/ml



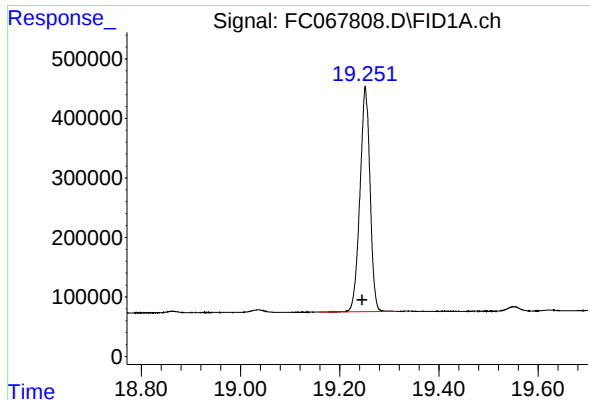
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: 0.006 min
Response: 5683424
Conc: 37.12 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.471 min
Delta R.T.: 0.006 min
Response: 5539429
Conc: 37.51 ug/ml



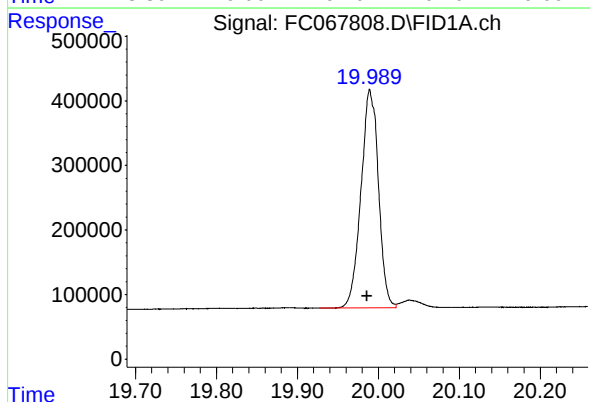
#19 n-Tetratriacontane (C34)

R.T.: 19.252 min
Delta R.T.: 0.006 min
Response: 5319803
Conc: 42.18 ug/ml

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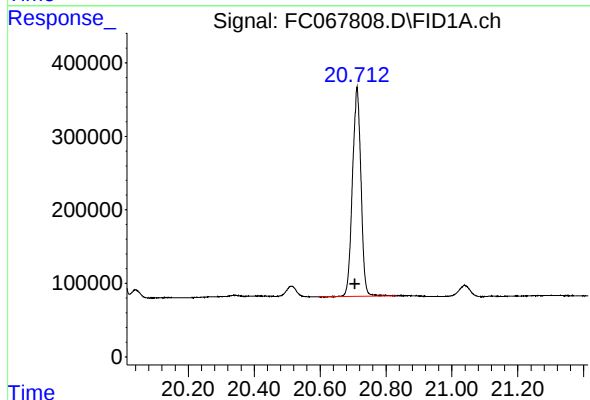
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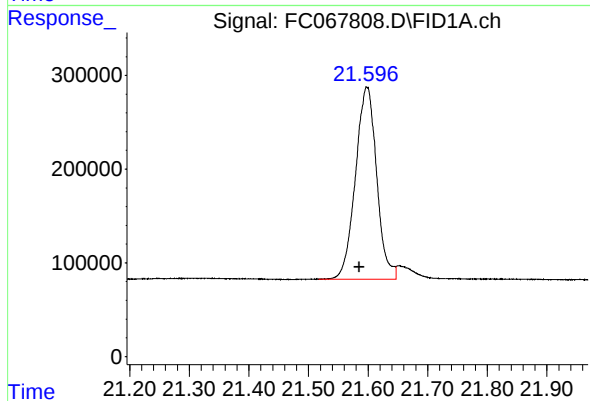
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.004 min
Response: 5069997
Conc: 48.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.712 min
Delta R.T.: 0.007 min
Response: 5099821
Conc: 52.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.011 min
Response: 5079880
Conc: 52.12 ug/ml m