

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121124AL\
 Data File : FC067990.D
 Signal(s) : FID1A.ch
 Acq On : 11 Dec 2024 23:45
 Operator : YP/AJ
 Sample : P5194-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

UST-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :Ankita Jodhani 12/12/2024

Integration File: autoint1.e

Quant Time: Dec 12 03:34:38 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 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...	12.913	5821680	45.627 ug/ml
Spiked Amount 50.000		Recovery =	91.25%
Target Compounds			
1) T n-Nonane (C9)	3.251	2499893	16.090 ug/ml
2) T n-Decane (C10)	4.313	3156197	19.910 ug/mlm
4) T n-Dodecane (C12)	6.329	3787179	23.521 ug/ml
6) T n-Tetradecane (C14)	8.122	4195291	26.386 ug/ml
7) T n-Hexadecane (C16)	9.721	4359664	26.986 ug/ml
8) T n-Octadecane (C18)	11.161	4404243	27.433 ug/ml
10) T n-Eicosane (C20)	12.469	4370734	29.055 ug/ml
11) T n-Heneicosane (C21)	13.081	4167431	28.521 ug/ml
13) T n-Docosane (C22)	13.666	4121681	28.794 ug/ml
14) T n-Tetracosane (C24)	14.768	3972969	28.593 ug/ml
15) T n-Hexacosane (C26)	15.788	3843771	28.743 ug/ml
16) T n-Octacosane (C28)	16.737	3854553	29.716 ug/ml
17) T n-Tricontane (C30)	17.622	3774652	29.138 ug/ml
18) T n-Dotriacontane (C32)	18.454	3625414	29.264 ug/ml
19) T n-Tetratriacontane (C34)	19.237	3672933	33.651 ug/ml
20) T n-Hexatriacontane (C36)	19.978	3699181	39.100 ug/ml
21) T n-Octatriacontane (C38)	20.699	4210788	46.547 ug/mlm
22) T n-Tetracontane (C40)	21.579	4386657	49.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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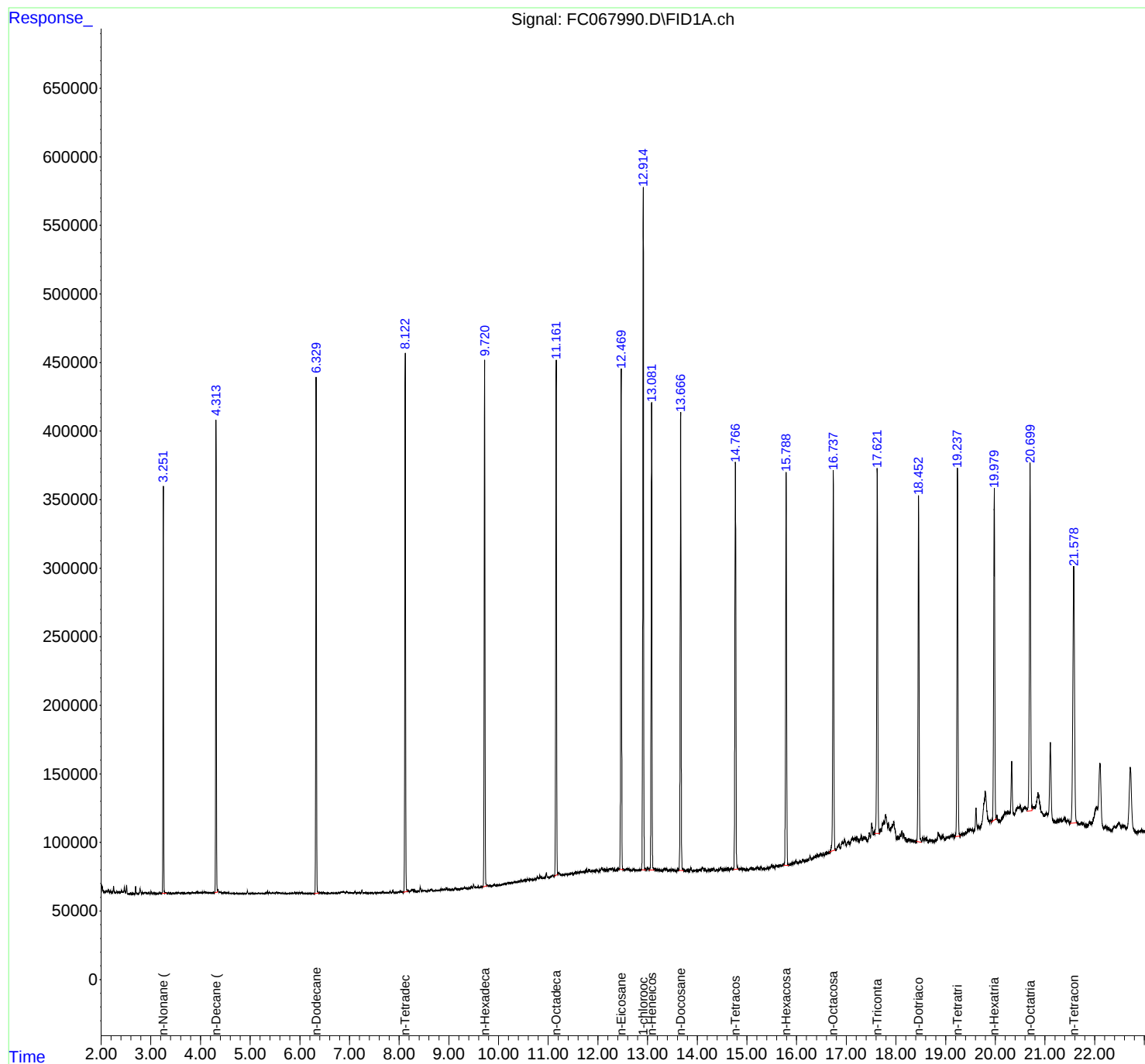
Response via : Initial Calibration

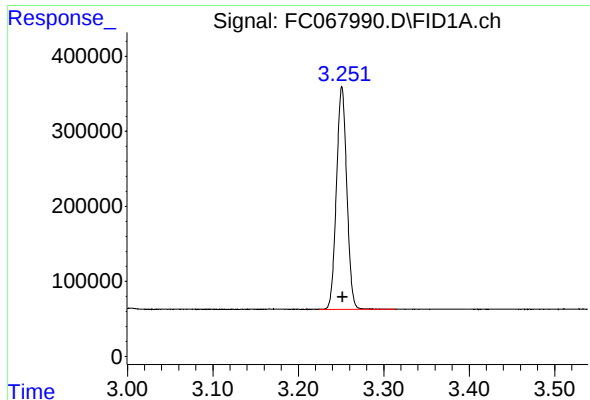
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





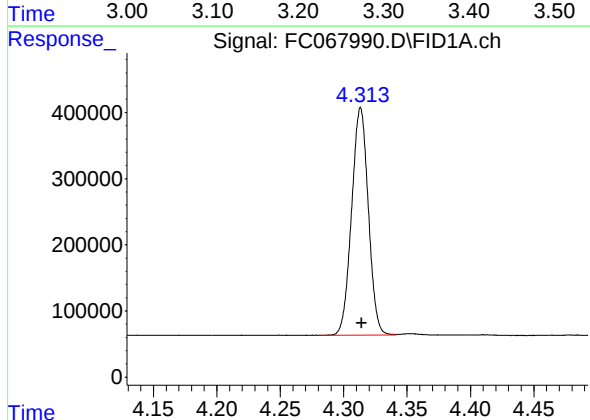
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 2499893
Conc: 16.09 ug/ml

Instrument :
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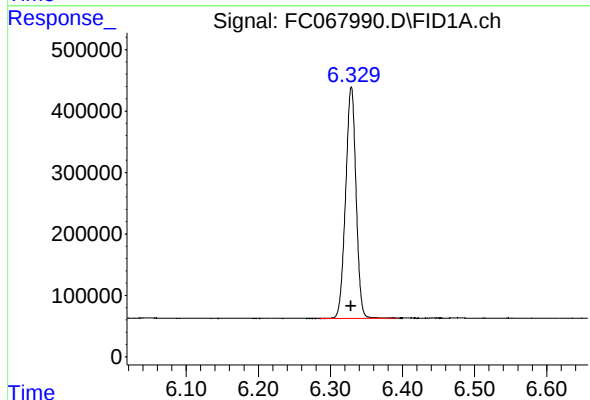
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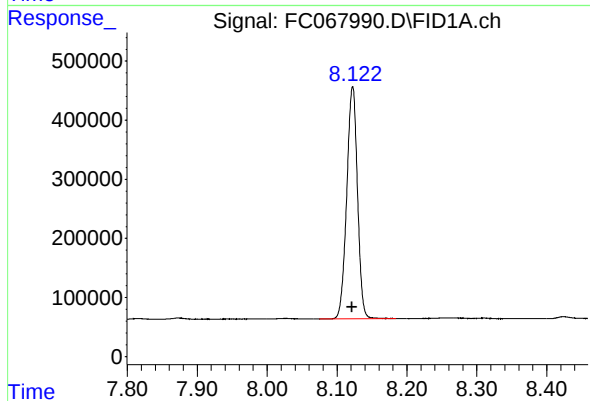
#2 n-Decane (C10)

R.T.: 4.313 min
Delta R.T.: -0.001 min
Response: 3156197
Conc: 19.91 ug/ml



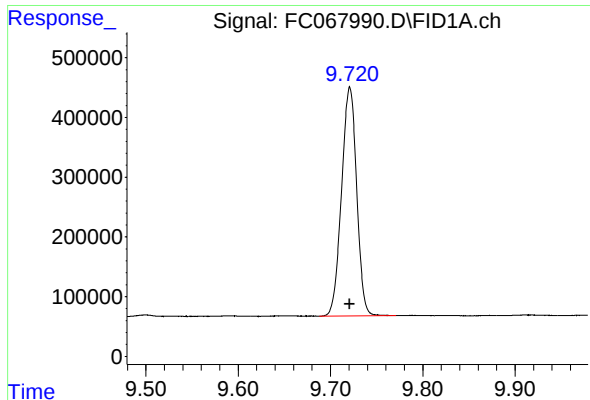
#4 n-Dodecane (C12)

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 3787179
Conc: 23.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 4195291
Conc: 26.39 ug/ml



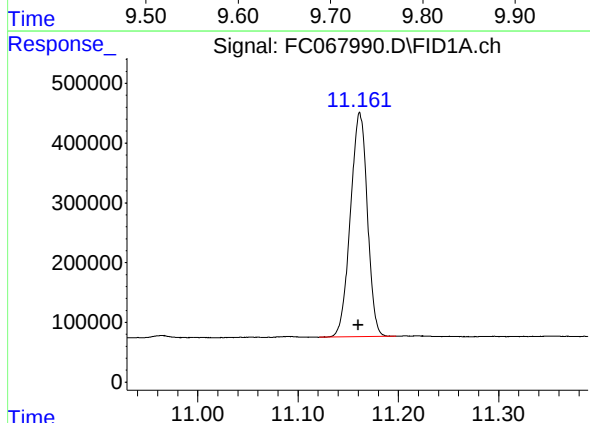
#7 n-Hexadecane (C16)

R.T.: 9.721 min
Delta R.T.: 0.000 min
Response: 4359664
Conc: 26.99 ug/ml

Instrument :
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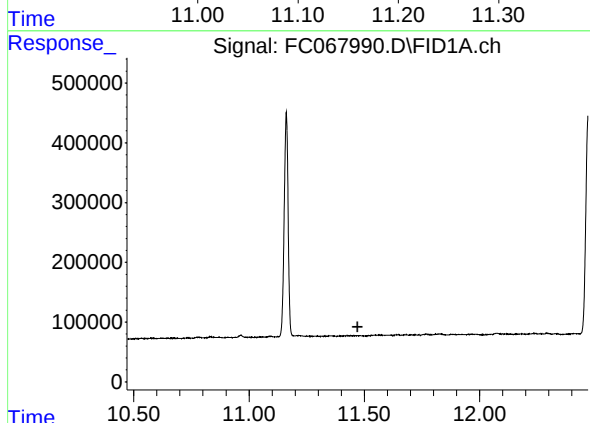
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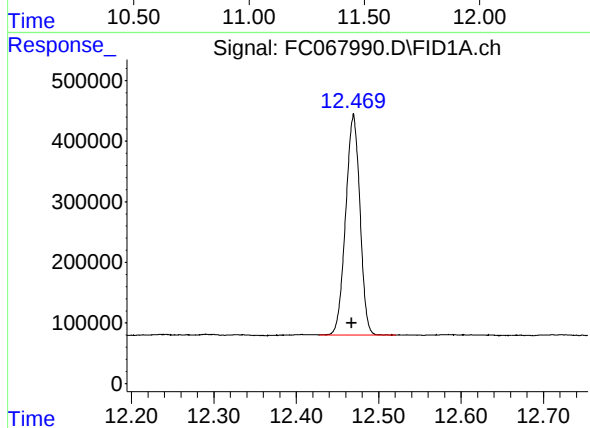
#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: 0.001 min
Response: 4404243
Conc: 27.43 ug/ml



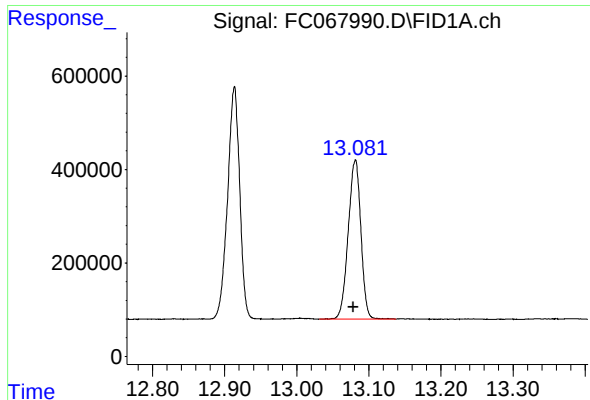
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.469 min
Delta R.T.: 0.002 min
Response: 4370734
Conc: 29.06 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.081 min
Delta R.T.: 0.003 min
Response: 4167431
Conc: 28.52 ug/ml

Instrument :

FID_C

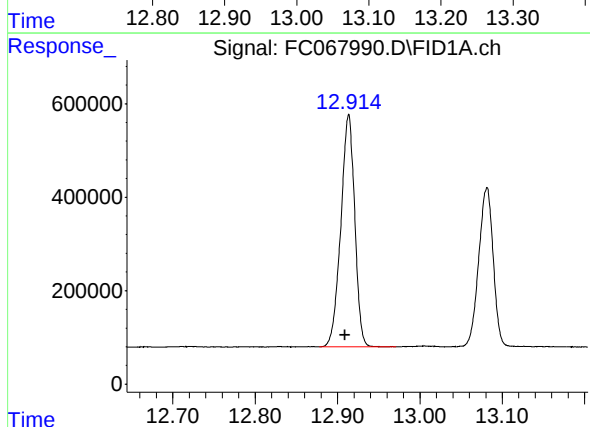
ClientSampleId :

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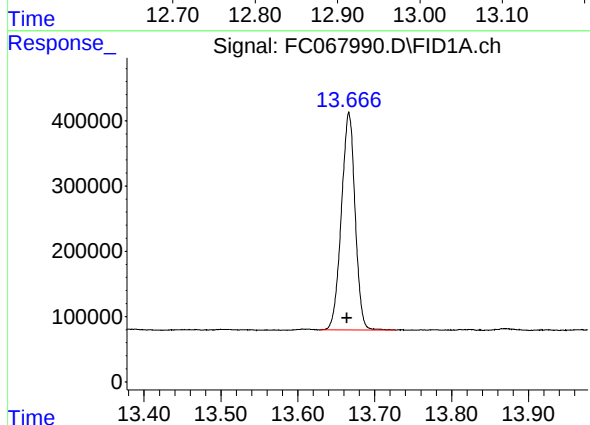
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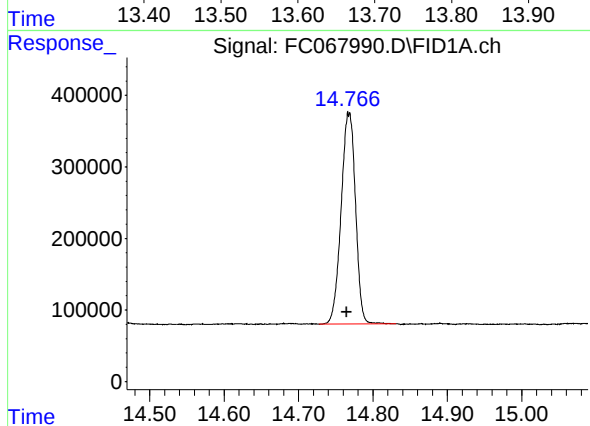
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: 0.004 min
Response: 5821680
Conc: 45.63 ug/ml



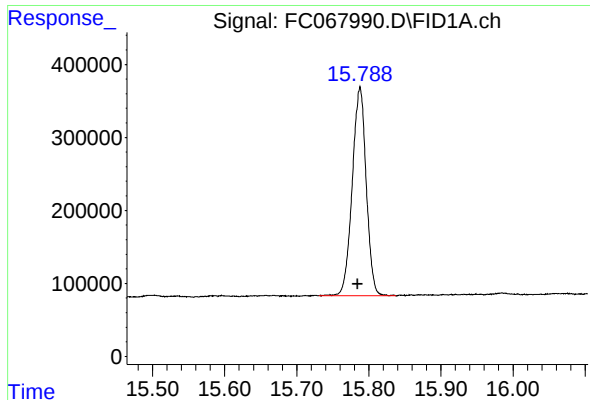
#13 n-Docosane (C22)

R.T.: 13.666 min
Delta R.T.: 0.002 min
Response: 4121681
Conc: 28.79 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: 0.003 min
Response: 3972969
Conc: 28.59 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 3843771
Conc: 28.74 ug/ml

Instrument :

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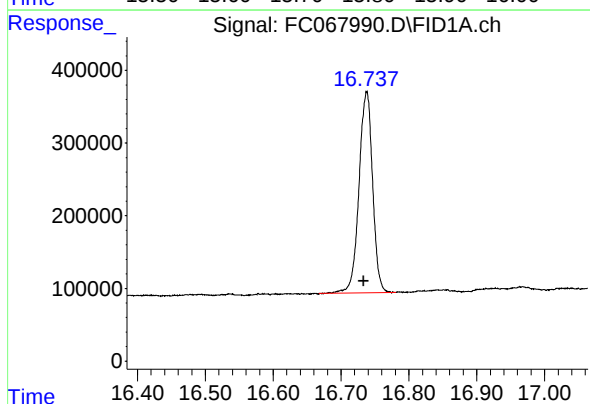
ClientSampleId :

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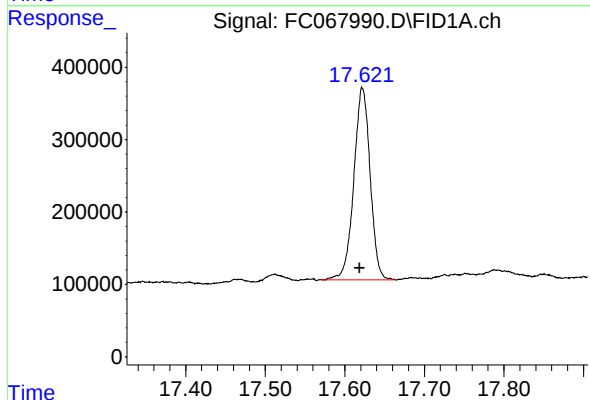
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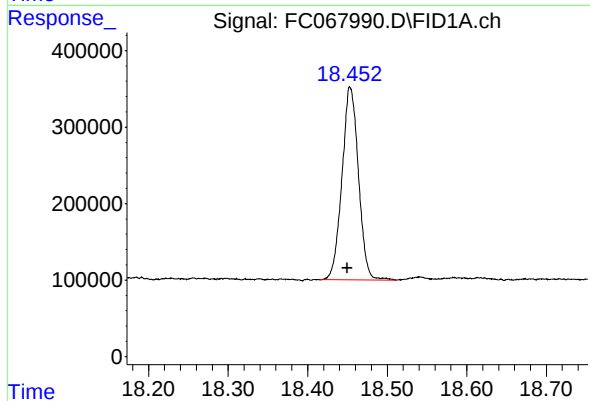
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.004 min
Response: 3854553
Conc: 29.72 ug/ml



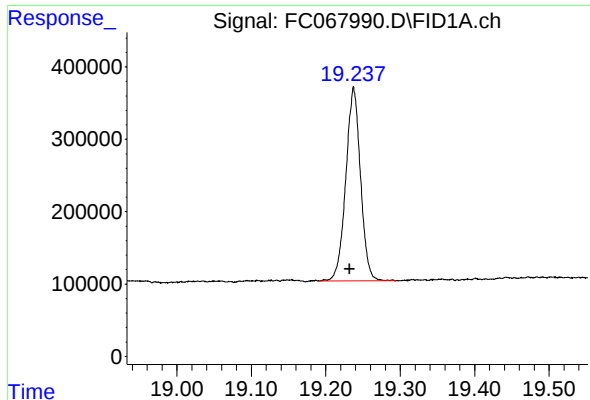
#17 n-Tricontane (C30)

R.T.: 17.622 min
Delta R.T.: 0.003 min
Response: 3774652
Conc: 29.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.454 min
Delta R.T.: 0.004 min
Response: 3625414
Conc: 29.26 ug/ml



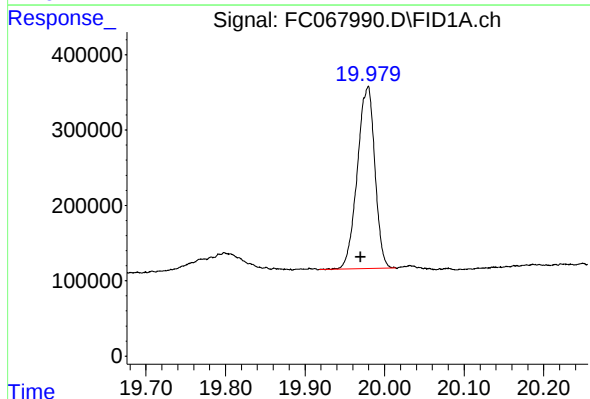
#19 n-Tetratriacontane (C34)

R.T.: 19.237 min
Delta R.T.: 0.005 min
Response: 3672933
Conc: 33.65 ug/ml

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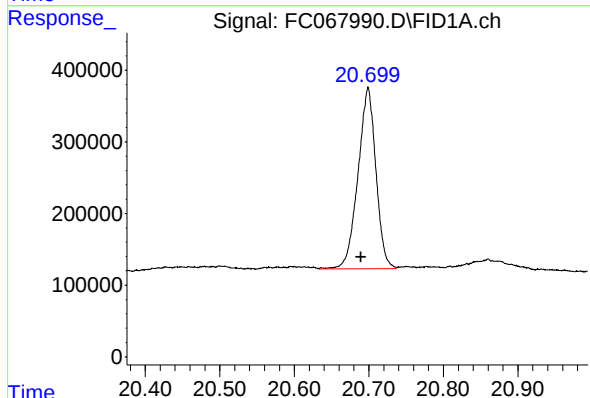
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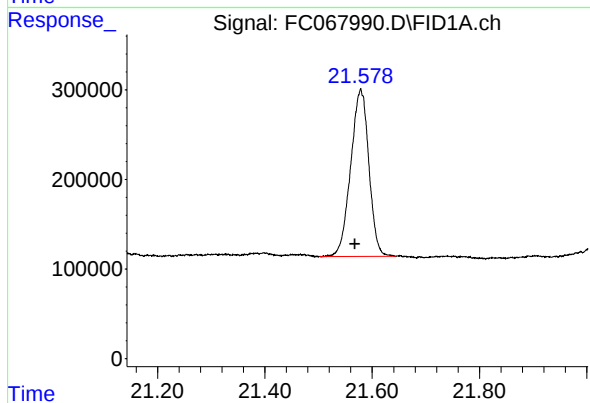
#20 n-Hexatriacontane (C36)

R.T.: 19.978 min
Delta R.T.: 0.008 min
Response: 3699181
Conc: 39.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: 0.009 min
Response: 4210788
Conc: 46.55 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.579 min
Delta R.T.: 0.011 min
Response: 4386657
Conc: 49.77 ug/ml