

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120224AL\
 Data File : FC067887.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2024 15:02
 Operator : YP/AJ
 Sample : PB165314BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165314BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :Ankita Jodhani 12/03/2024

Integration File: autoint1.e
 Quant Time: Dec 02 23:55:38 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)	11.505	6194987	31.953 ug/ml
Spiked Amount 50.000		Recovery =	63.91%
12) S 1-chlorooctadecane (S...	12.940	4954744	34.133 ug/ml
Spiked Amount 50.000		Recovery =	68.27%
Target Compounds			
1) T n-Nonane (C9)	3.301	5531397	33.911 ug/ml
2) T n-Decane (C10)	4.359	5837367	35.200 ug/ml
3) T A~Naphthalene (C11.7)	5.931	6621352	36.151 ug/ml
4) T n-Dodecane (C12)	6.367	6031981	35.813 ug/ml
5) T A~2-methylnaphthalene...	6.984	6088219	34.328 ug/ml
6) T n-Tetradecane (C14)	8.158	6100733	36.428 ug/ml
7) T n-Hexadecane (C16)	9.753	6032381	34.809 ug/ml
8) T n-Octadecane (C18)	11.192	6002075	34.114 ug/ml
10) T n-Eicosane (C20)	12.499	5954034	35.359 ug/ml
11) T n-Heneicosane (C21)	13.109	5646231	34.316 ug/ml
13) T n-Docosane (C22)	13.693	5554050	34.105 ug/ml
14) T n-Tetracosane (C24)	14.765	10951623	68.285 ug/mlm
15) T n-Hexacosane (C26)	15.815	5185187	33.483 ug/ml
16) T n-Octacosane (C28)	16.760	5042907	33.392 ug/ml
17) T n-Tricontane (C30)	17.647	4971339	32.469 ug/ml
18) T n-Dotriacontane (C32)	18.476	4835396	32.740 ug/ml
19) T n-Tetratriacontane (C34)	19.257	4788744	37.967 ug/ml
20) T n-Hexatriacontane (C36)	19.995	4625850	44.230 ug/ml
21) T n-Octatriacontane (C38)	20.720	4609381	47.187 ug/ml
22) T n-Tetracontane (C40)	21.606	4554549	46.729 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165314BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

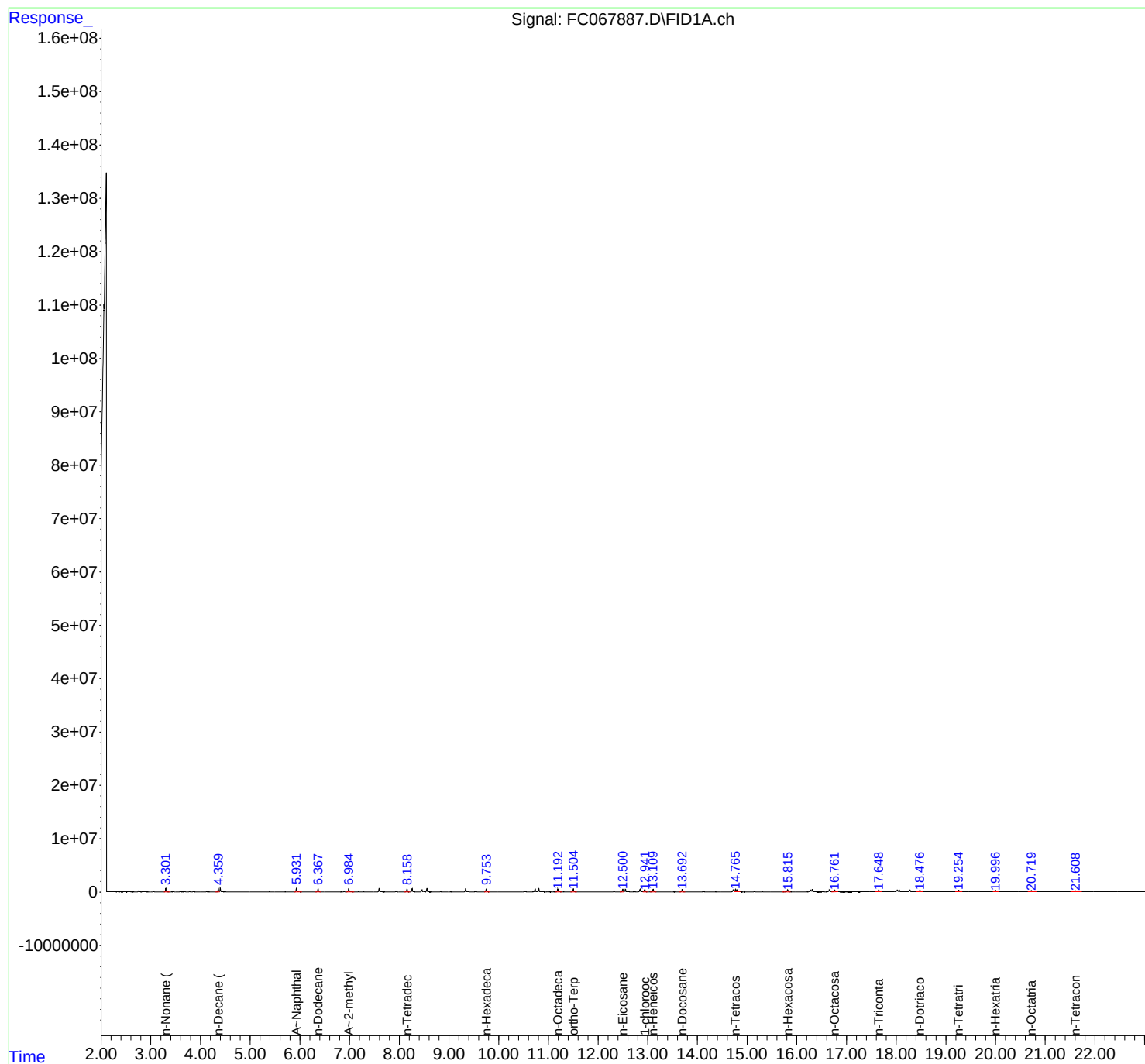
Instrument :
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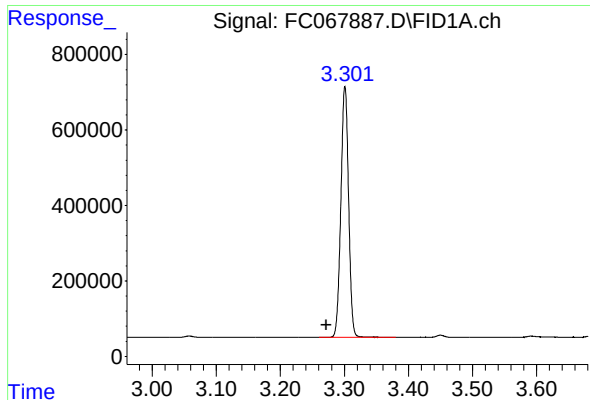
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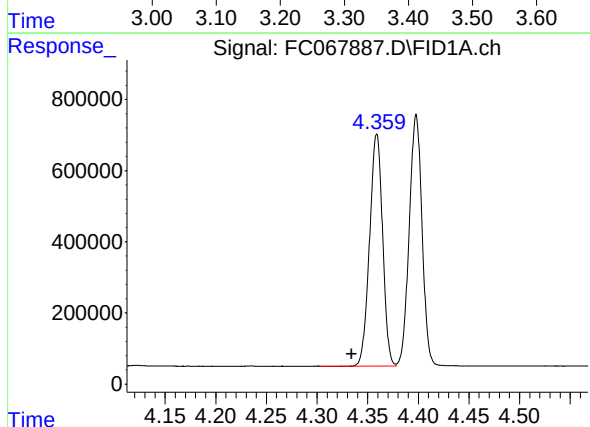
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: 0.029 min
Response: 5531397
Conc: 33.91 ug/ml

Instrument :
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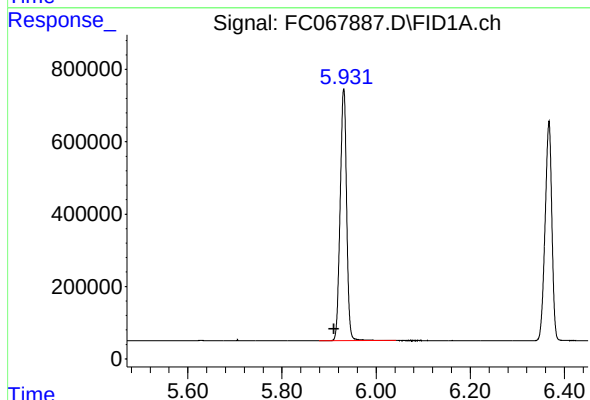
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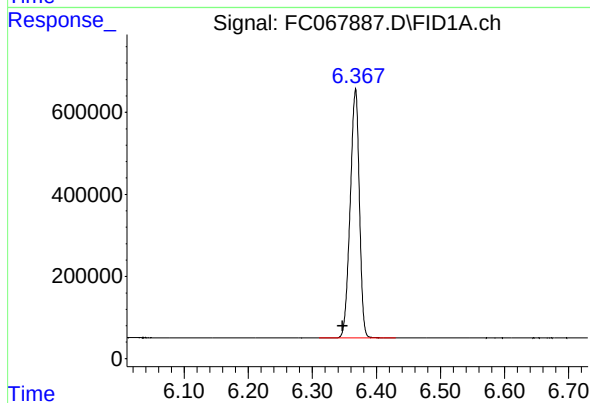
#2 n-Decane (C10)

R.T.: 4.359 min
Delta R.T.: 0.025 min
Response: 5837367
Conc: 35.20 ug/ml



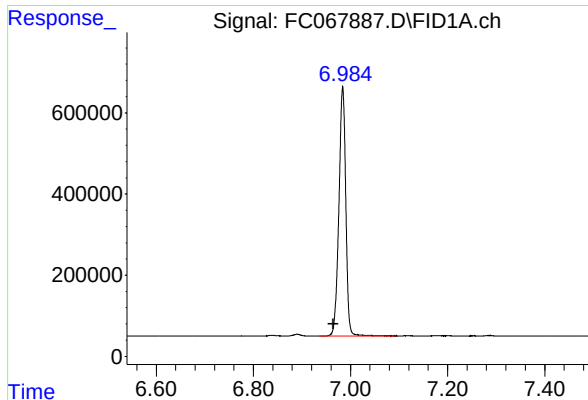
#3 A~Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.020 min
Response: 6621352
Conc: 36.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 6031981
Conc: 35.81 ug/ml



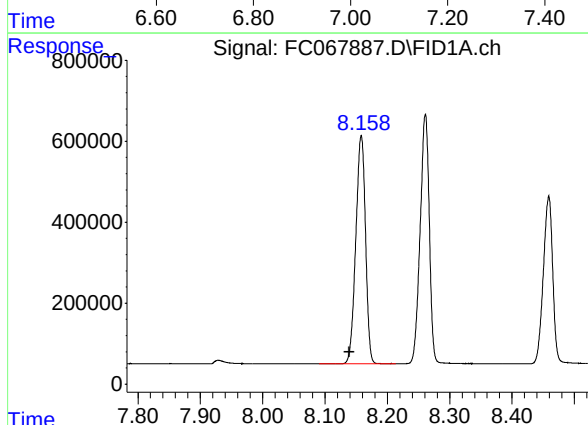
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: 0.019 min
Response: 6088219
Conc: 34.33 ug/ml

Instrument :
FID_C
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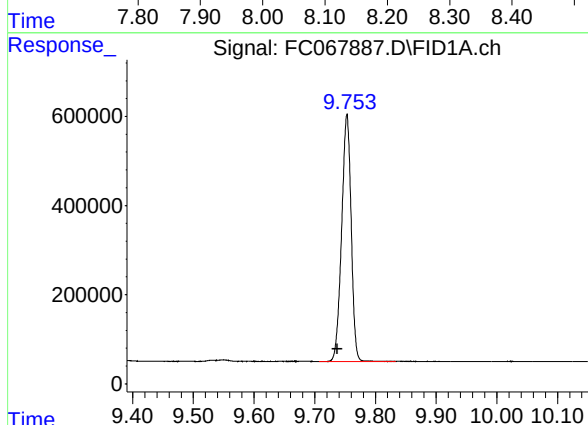
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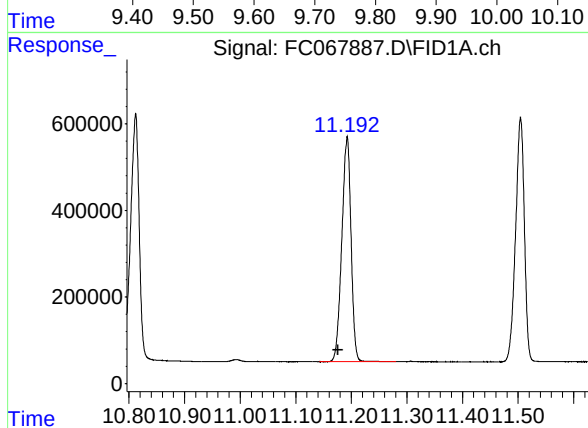
#6 n-Tetradecane (C14)

R.T.: 8.158 min
Delta R.T.: 0.019 min
Response: 6100733
Conc: 36.43 ug/ml



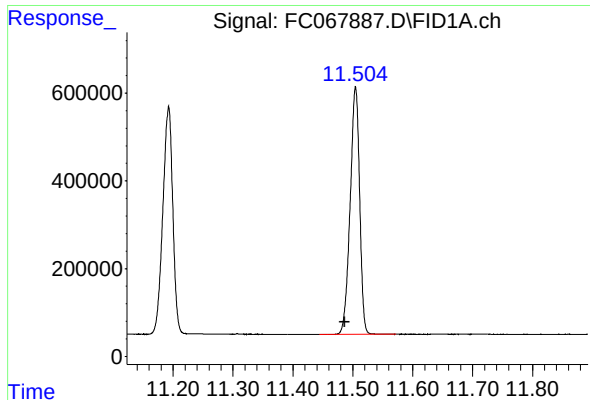
#7 n-Hexadecane (C16)

R.T.: 9.753 min
Delta R.T.: 0.016 min
Response: 6032381
Conc: 34.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.192 min
Delta R.T.: 0.016 min
Response: 6002075
Conc: 34.11 ug/ml



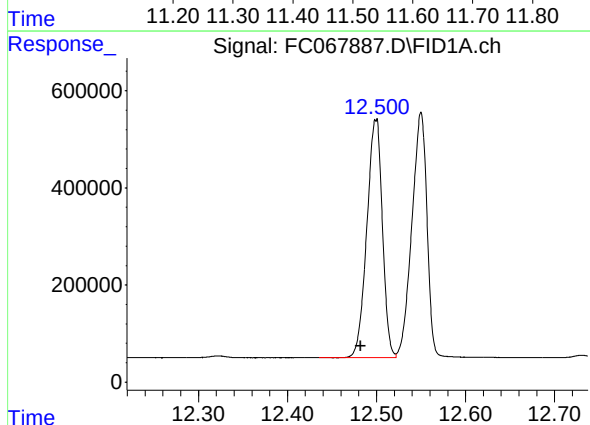
#9 ortho-Terphenyl (SURR)

R.T.: 11.505 min
Delta R.T.: 0.018 min
Response: 6194987
Conc: 31.95 ug/ml

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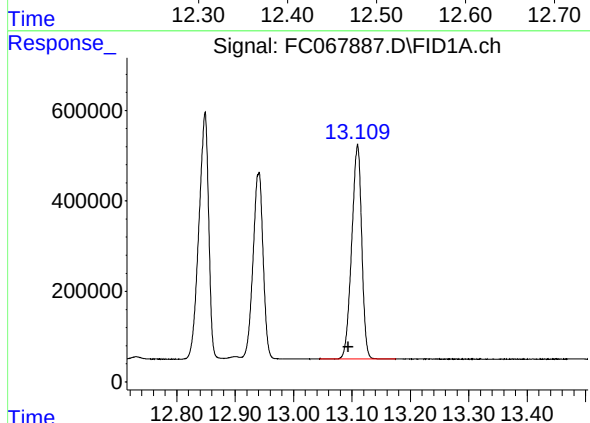
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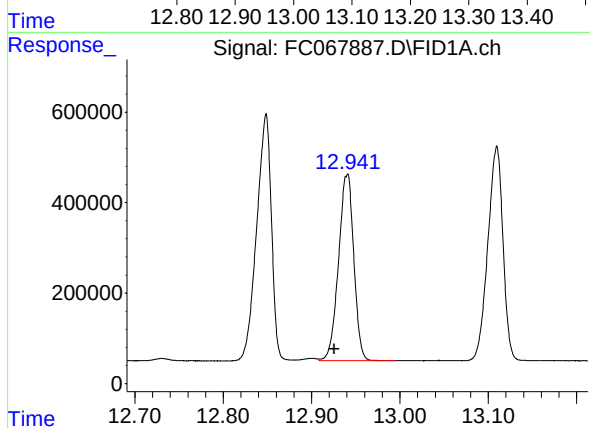
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.017 min
Response: 5954034
Conc: 35.36 ug/ml



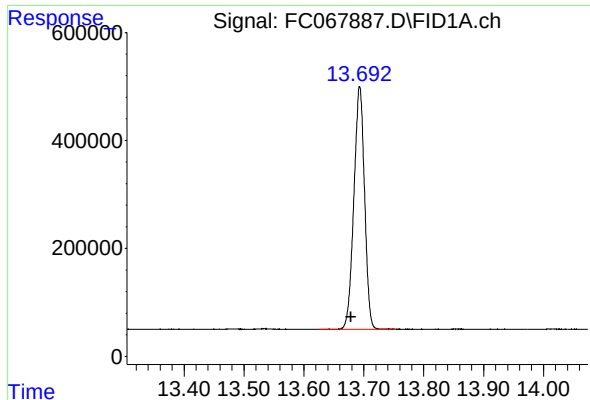
#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: 0.016 min
Response: 5646231
Conc: 34.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: 0.014 min
Response: 4954744
Conc: 34.13 ug/ml



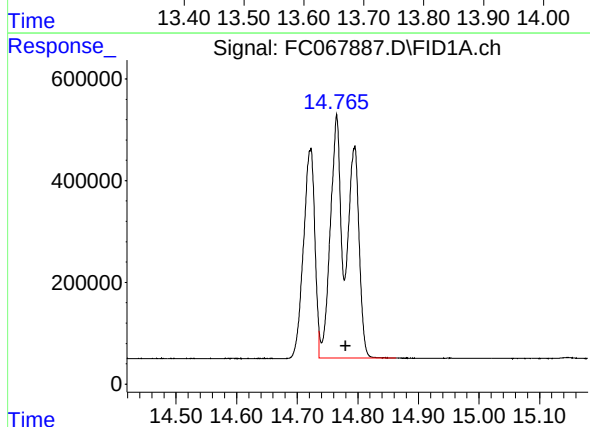
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: 0.014 min
Response: 5554050
Conc: 34.10 ug/ml

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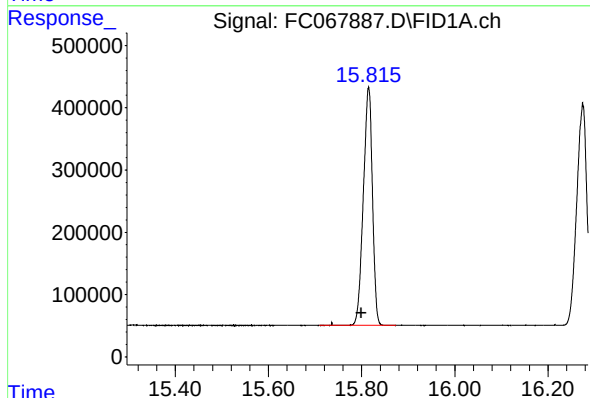
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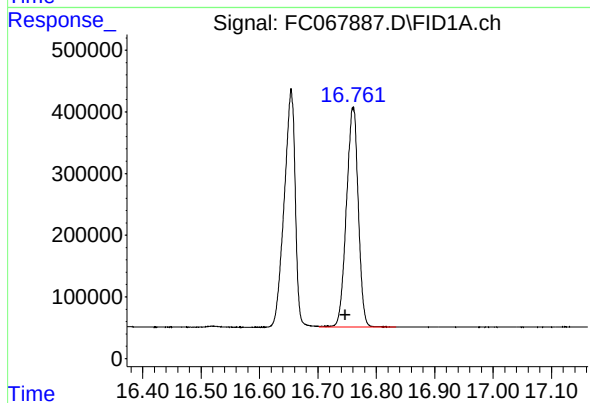
#14 n-Tetracosane (C24)

R.T.: 14.765 min
Delta R.T.: -0.015 min
Response: 10951623
Conc: 68.28 ug/ml



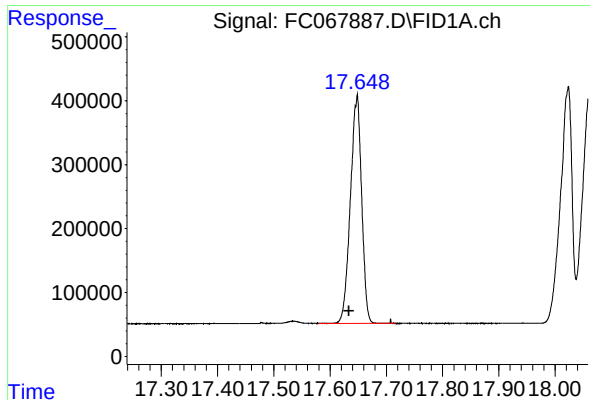
#15 n-Hexacosane (C26)

R.T.: 15.815 min
Delta R.T.: 0.015 min
Response: 5185187
Conc: 33.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.013 min
Response: 5042907
Conc: 33.39 ug/ml



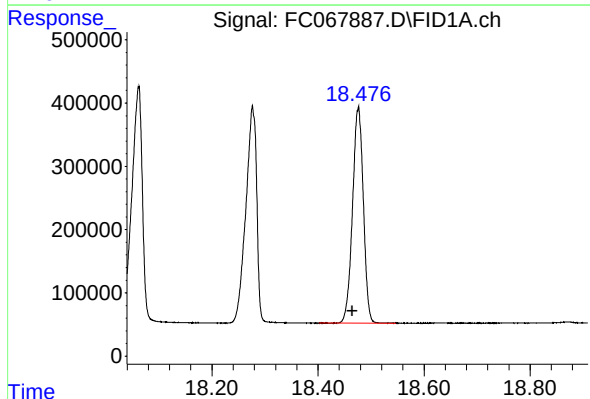
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.014 min
Response: 4971339
Conc: 32.47 ug/ml

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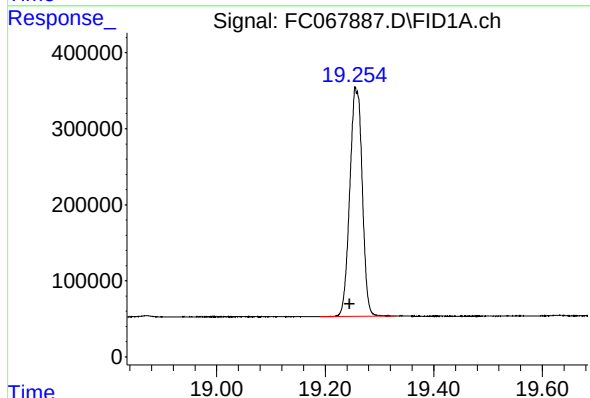
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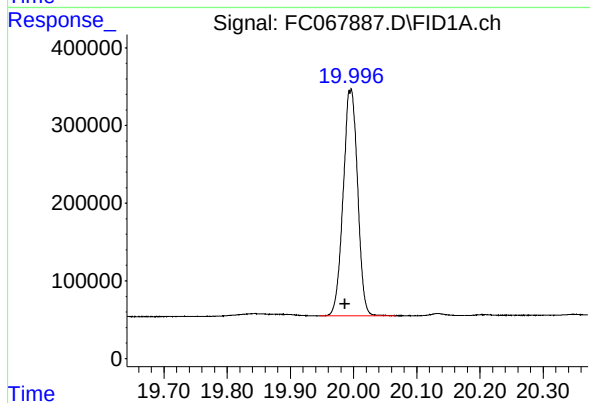
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.011 min
Response: 4835396
Conc: 32.74 ug/ml



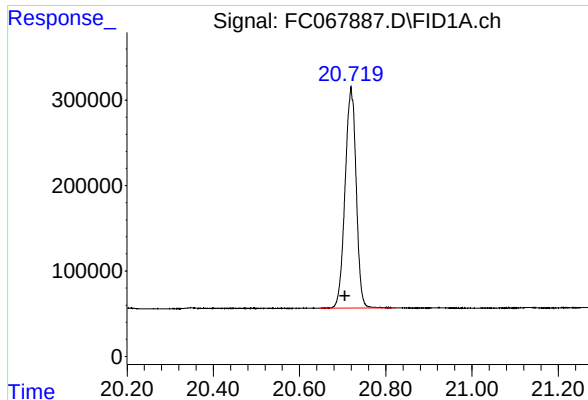
#19 n-Tetratriacontane (C34)

R.T.: 19.257 min
Delta R.T.: 0.012 min
Response: 4788744
Conc: 37.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.995 min
Delta R.T.: 0.009 min
Response: 4625850
Conc: 44.23 ug/ml



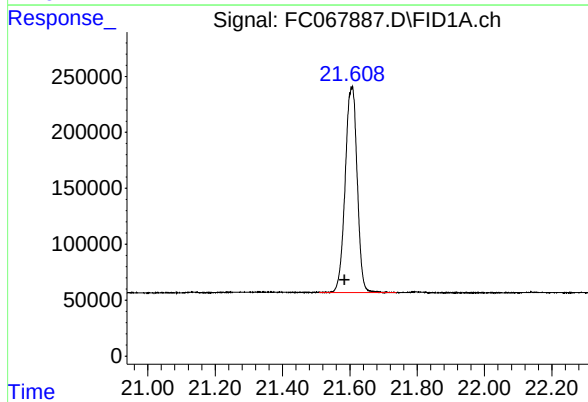
#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.014 min
Response: 4609381
Conc: 47.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.021 min
Response: 4554549
Conc: 46.73 ug/ml