

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062525AL\
 Data File : FC069284.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 14:59
 Operator : YP/AJ
 Sample : Q2392-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2025
 Supervised By :mohammad ahmed 06/27/2025

Integration File: autoint1.e
 Quant Time: Jun 26 05:18:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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...	13.112	4118544	31.525 ug/ml
Spiked Amount 50.000		Recovery =	63.05%
Target Compounds			
1) T n-Nonane (C9)	3.404	2726294	19.170 ug/ml
2) T n-Decane (C10)	4.478	3370237	23.021 ug/ml
4) T n-Dodecane (C12)	6.504	3915395	25.857 ug/ml
6) T n-Tetradecane (C14)	8.304	4470030	28.838 ug/ml
7) T n-Hexadecane (C16)	9.909	5053199	30.922 ug/ml
8) T n-Octadecane (C18)	11.354	5207965	31.898 ug/ml
10) T n-Eicosane (C20)	12.666	5221456	34.208 ug/ml
11) T n-Heneicosane (C21)	13.280	4920529	33.384 ug/ml
13) T n-Docosane (C22)	13.867	4819610	33.497 ug/ml
14) T n-Tetracosane (C24)	14.972	4639240	33.634 ug/ml
15) T n-Hexacosane (C26)	15.995	4390178	33.584 ug/mlm
16) T n-Octacosane (C28)	16.946	4154944	33.690 ug/ml
17) T n-Tricontane (C30)	17.835	3981412	33.490 ug/ml
18) T n-Dotriacontane (C32)	18.669	3842454	35.143 ug/ml
19) T n-Tetratriacontane (C34)	19.454	3752165	38.856 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3665298	44.475 ug/ml
21) T n-Octatriacontane (C38)	20.964	3708681	49.627 ug/ml
22) T n-Tetracontane (C40)	21.934	3648819	51.525 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

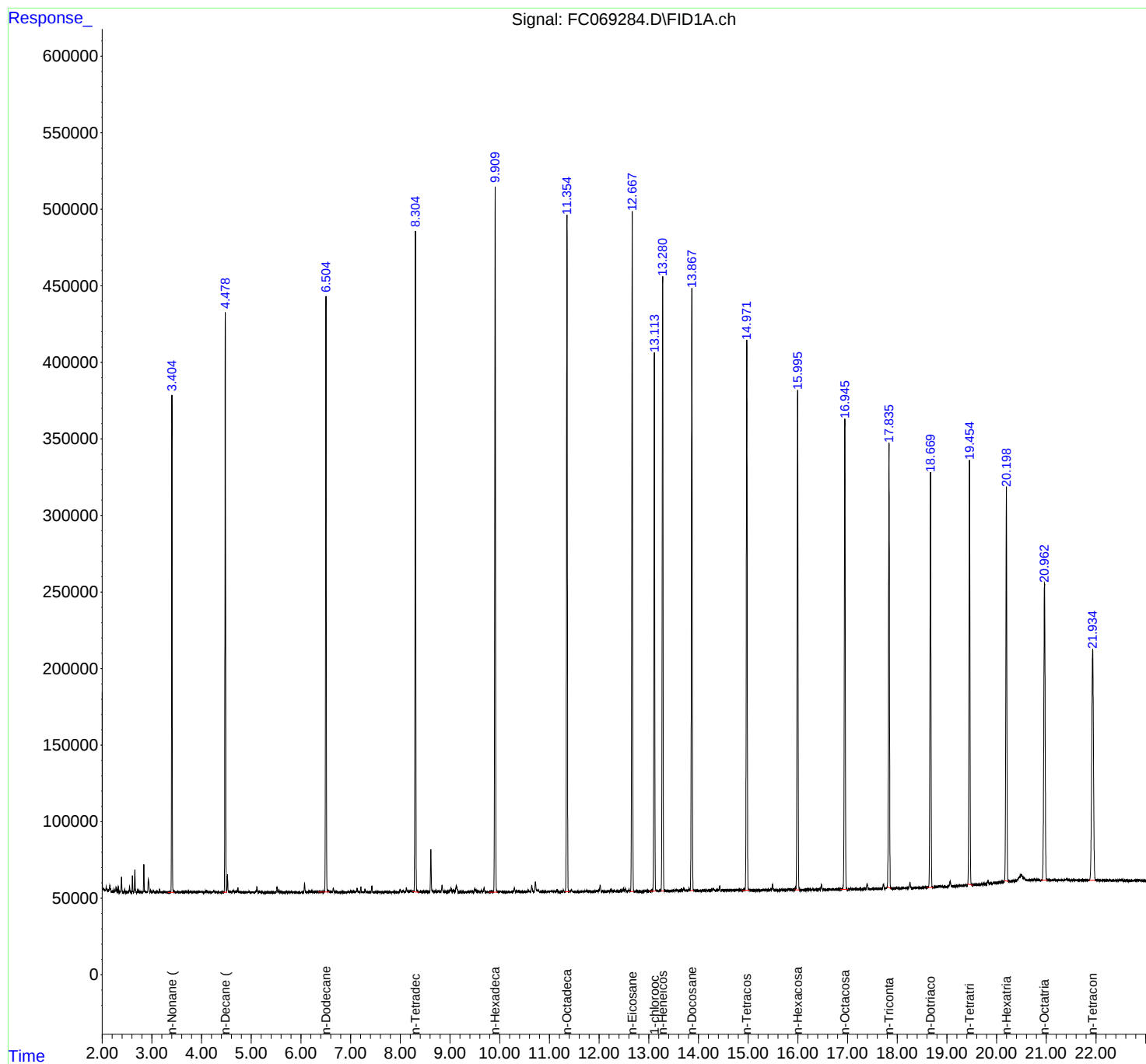
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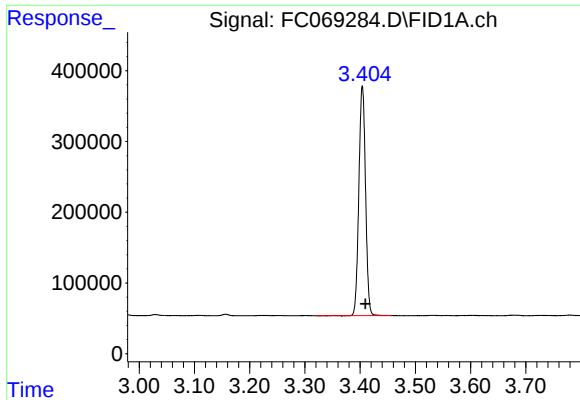
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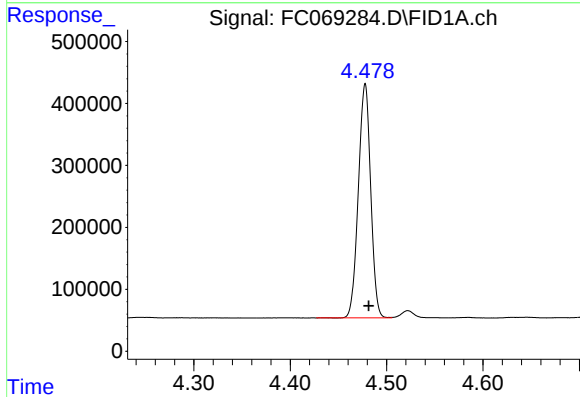
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: -0.006 min
Response: 2726294
Conc: 19.17 ug/ml

Instrument :
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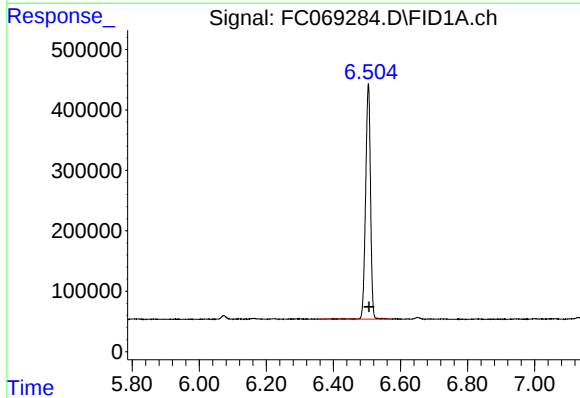
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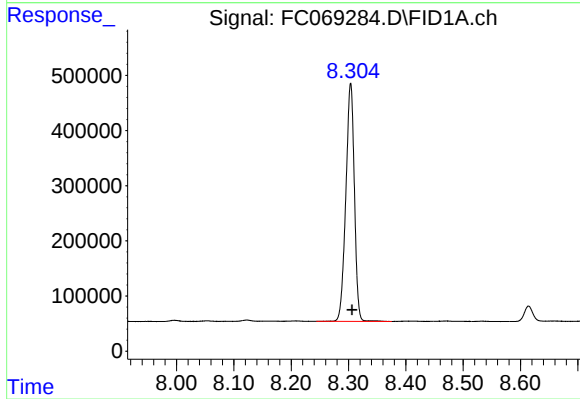
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.004 min
Response: 3370237
Conc: 23.02 ug/ml



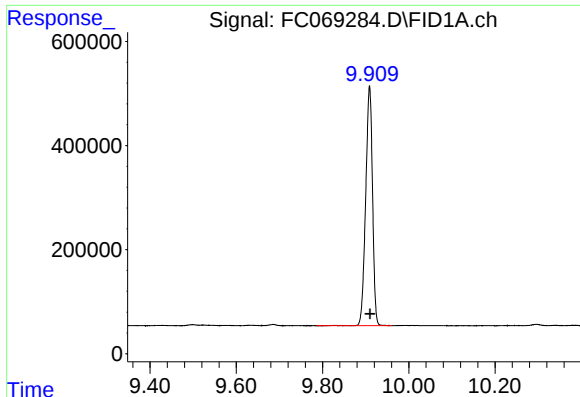
#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 3915395
Conc: 25.86 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 4470030
Conc: 28.84 ug/ml



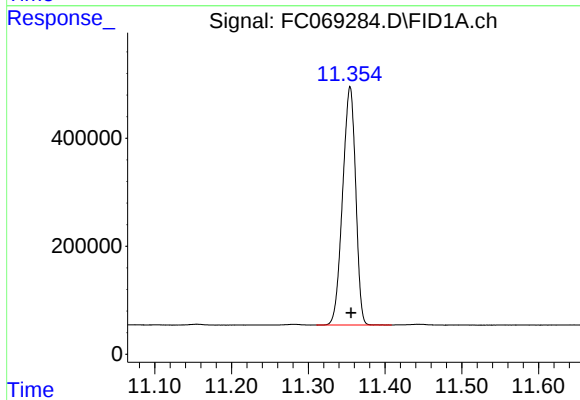
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.002 min
Response: 5053199
Conc: 30.92 ug/ml

Instrument :
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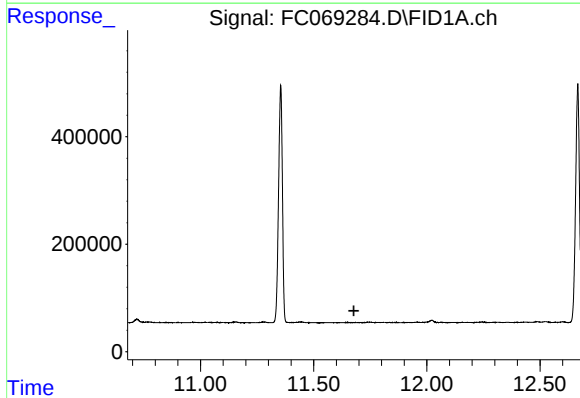
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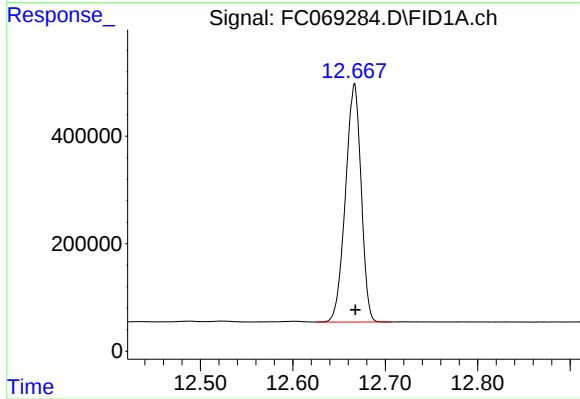
#8 n-Octadecane (C18)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 5207965
Conc: 31.90 ug/ml



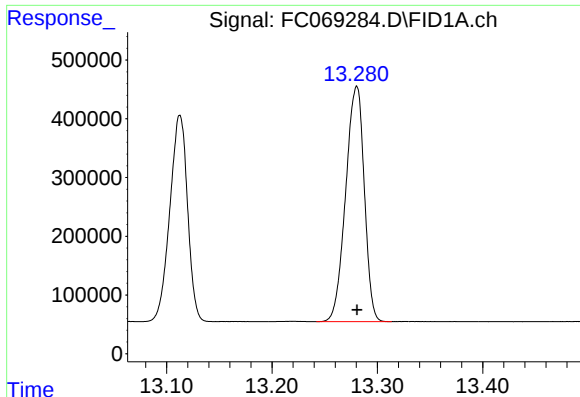
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.678 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.001 min
Response: 5221456
Conc: 34.21 ug/ml



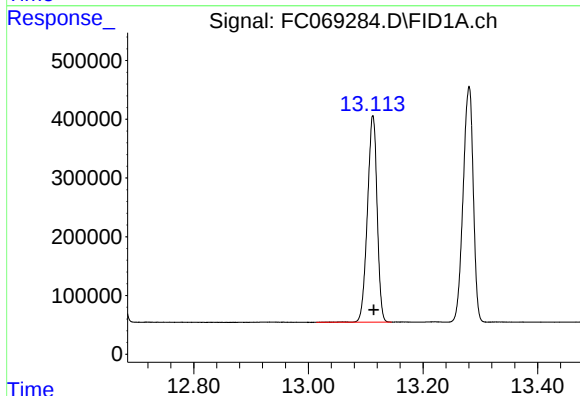
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: 0.000 min
Response: 4920529
Conc: 33.38 ug/ml

Instrument :
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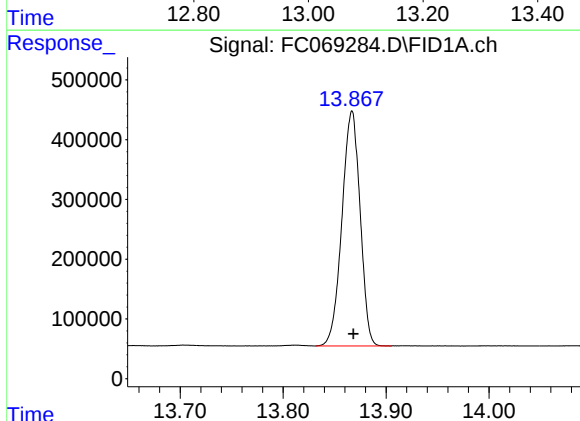
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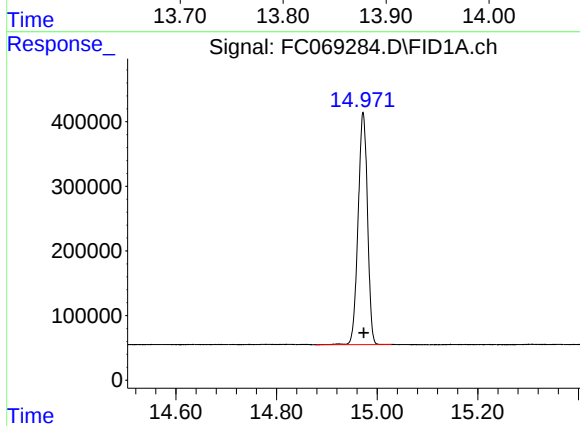
#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.002 min
Response: 4118544
Conc: 31.53 ug/ml



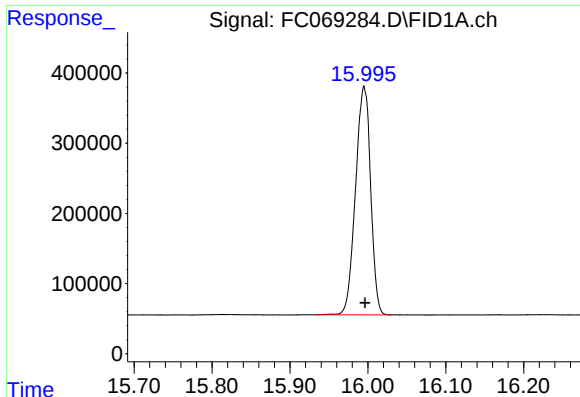
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.001 min
Response: 4819610
Conc: 33.50 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.001 min
Response: 4639240
Conc: 33.63 ug/ml



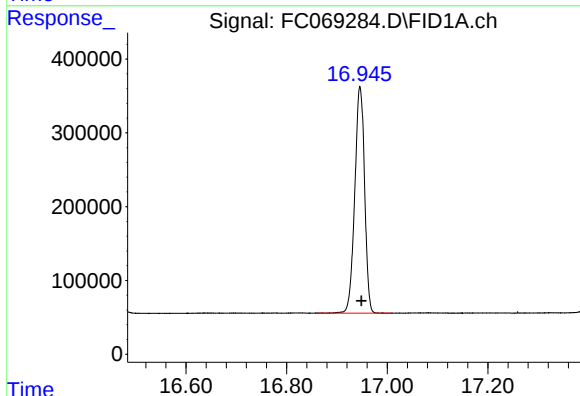
#15 n-Hexacosane (C26)

R.T.: 15.995 min
Delta R.T.: -0.002 min
Response: 4390178
Conc: 33.58 ug/ml

Instrument :
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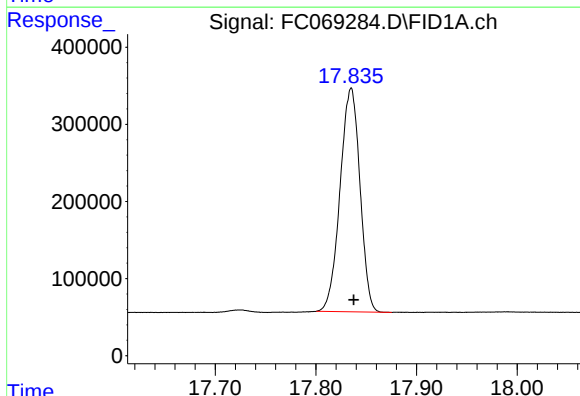
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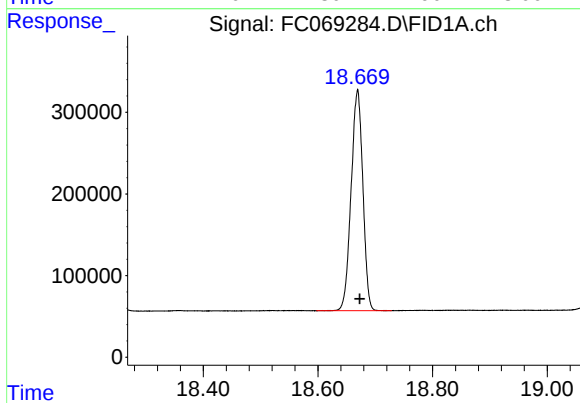
#16 n-Octacosane (C28)

R.T.: 16.946 min
Delta R.T.: -0.002 min
Response: 4154944
Conc: 33.69 ug/ml



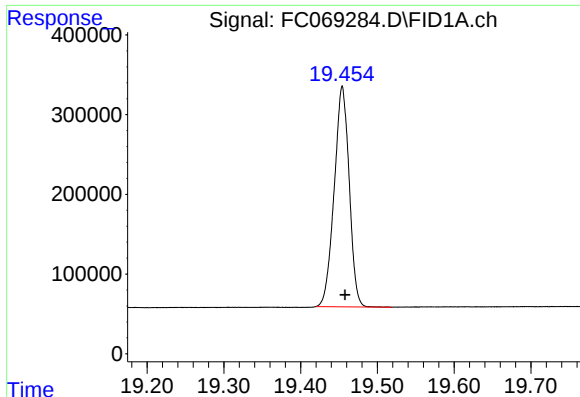
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.003 min
Response: 3981412
Conc: 33.49 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: -0.004 min
Response: 3842454
Conc: 35.14 ug/ml



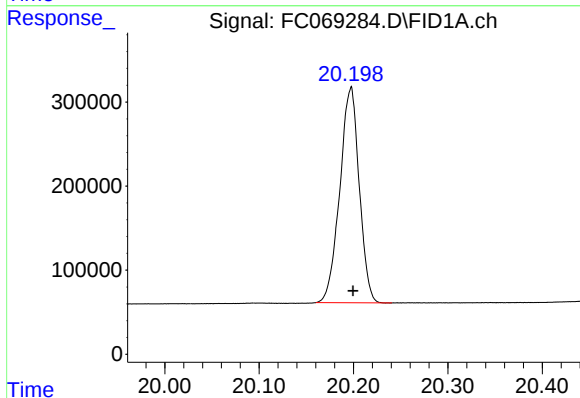
#19 n-Tetratriacontane (C34)

R.T.: 19.454 min
Delta R.T.: -0.004 min
Response: 3752165
Conc: 38.86 ug/ml

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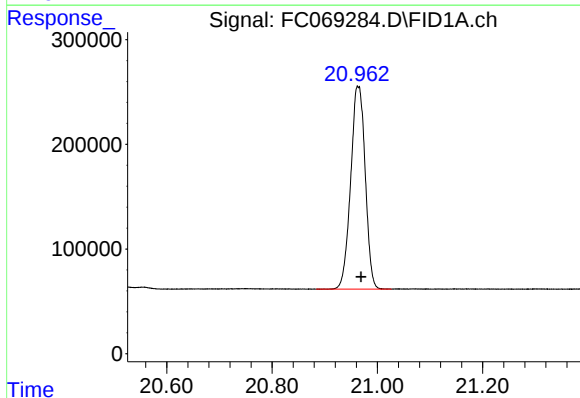
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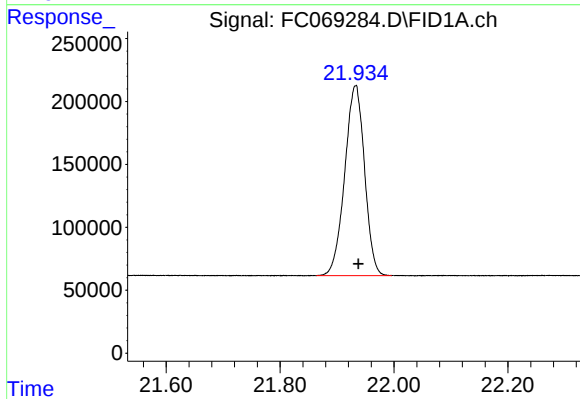
#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 3665298
Conc: 44.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.964 min
Delta R.T.: -0.005 min
Response: 3708681
Conc: 49.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: -0.004 min
Response: 3648819
Conc: 51.53 ug/ml m