

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069440.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 20:16
 Operator : YP/AJ
 Sample : Q2586-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-16MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File: autoint1.e
 Quant Time: Jul 15 01:50:50 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			
9) S ortho-Terphenyl (SURR)	11.671	3904346	22.600 ug/ml
Spiked Amount 50.000		Recovery =	45.20%
12) S 1-chlorooctadecane (S...	13.106	3260226	24.955 ug/ml
Spiked Amount 50.000		Recovery =	49.91%
Target Compounds			
1) T n-Nonane (C9)	3.405	4801873	33.764 ug/ml
2) T n-Decane (C10)	4.479	5677294	38.781 ug/ml
3) T A~Naphthalene (C11.7)	6.072	7237155	44.981 ug/ml
4) T n-Dodecane (C12)	6.502	6414590	42.362 ug/ml
5) T A~2-methylnaphthalene...	7.132	7112983	44.948 ug/ml
6) T n-Tetradecane (C14)	8.303	7058130	45.535 ug/ml
7) T n-Hexadecane (C16)	9.907	7817371	47.837 ug/ml
8) T n-Octadecane (C18)	11.352	8028094	49.170 ug/ml
10) T n-Eicosane (C20)	12.665	8102964	53.086 ug/ml
11) T n-Heneicosane (C21)	13.276	7647859	51.888 ug/ml
13) T n-Docosane (C22)	13.864	7459394	51.844 ug/ml
14) T n-Tetracosane (C24)	14.962	14333743	103.920 ug/ml
15) T n-Hexacosane (C26)	15.991	6788268	51.929 ug/ml
16) T n-Octacosane (C28)	16.941	6492442	52.643 ug/ml
17) T n-Tricontane (C30)	17.832	6312856	53.101 ug/ml
18) T n-Dotriacontane (C32)	18.663	6168764	56.419 ug/ml
19) T n-Tetratriacontane (C34)	19.448	6375728	66.024 ug/ml
20) T n-Hexatriacontane (C36)	20.189	6112373	74.168 ug/ml
21) T n-Octatriacontane (C38)	20.955	6179398	82.689 ug/ml
22) T n-Tetracontane (C40)	21.921	6097005	86.096 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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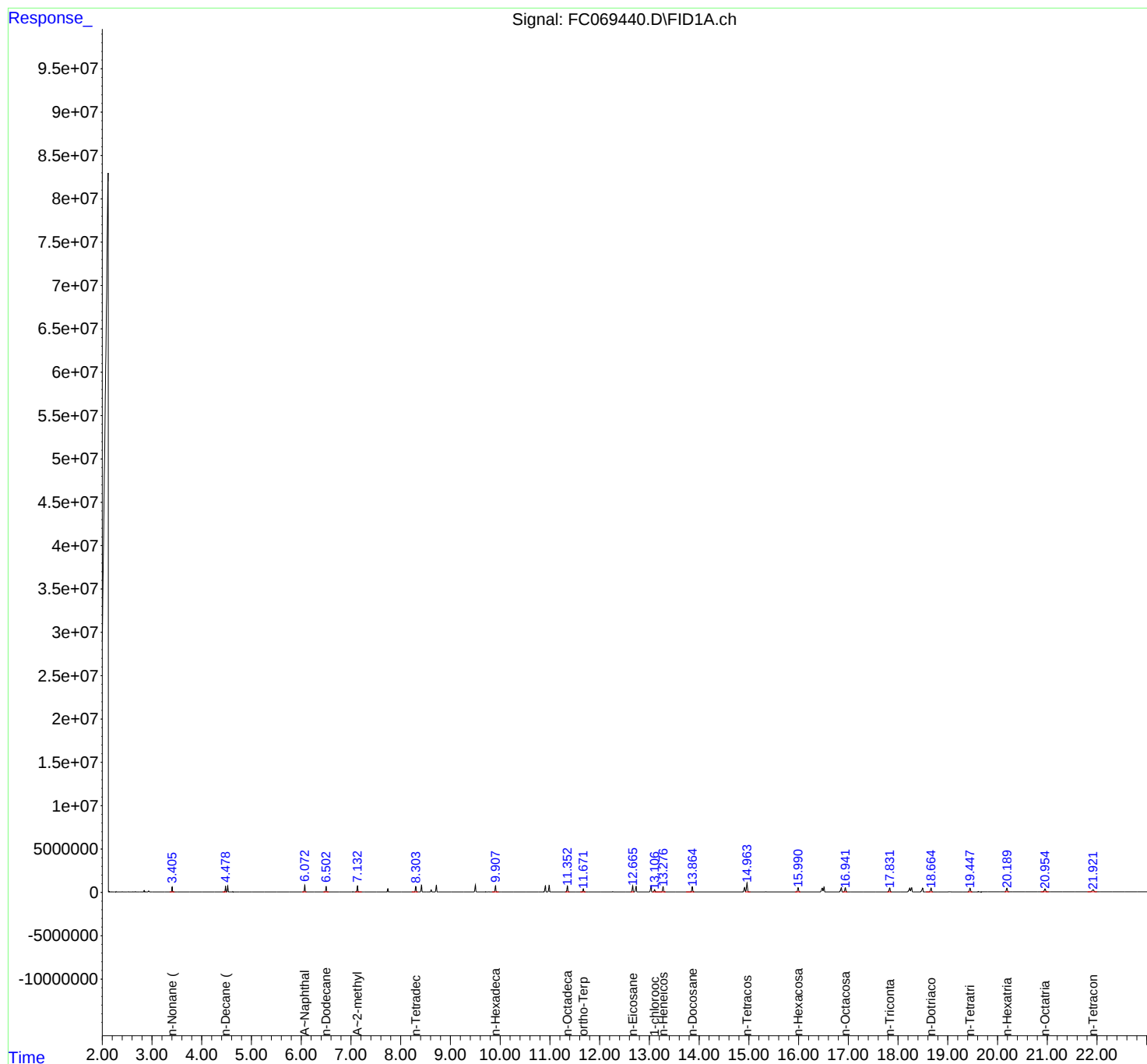
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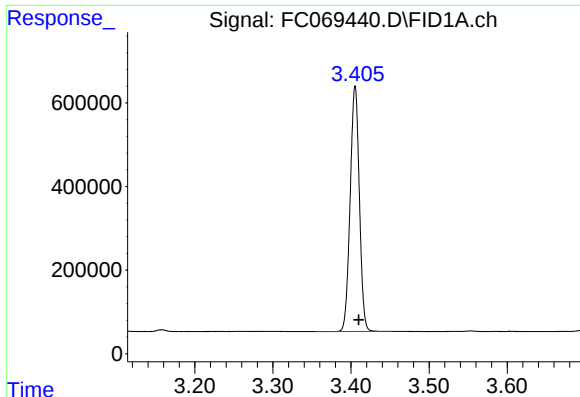
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#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: -0.005 min
Response: 4801873
Conc: 33.76 ug/ml

Instrument :

FID_C

ClientSampleId :

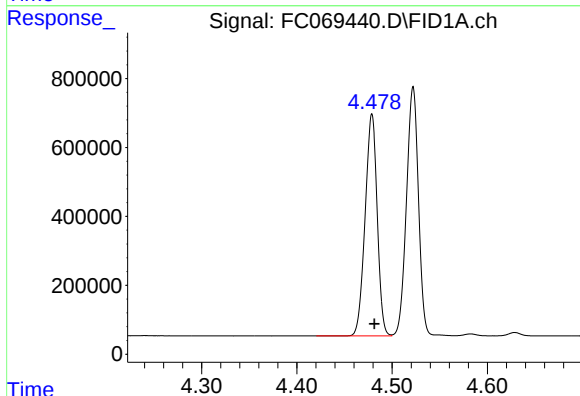
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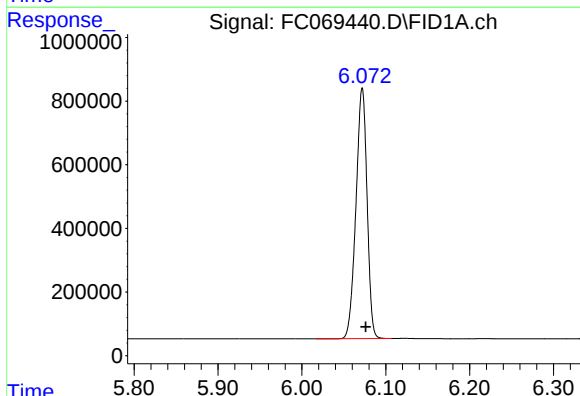
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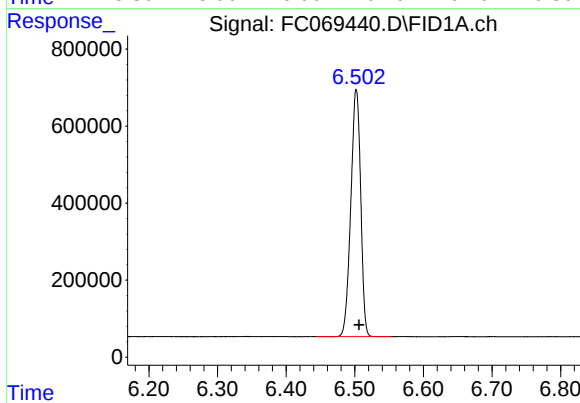
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.003 min
Response: 5677294
Conc: 38.78 ug/ml



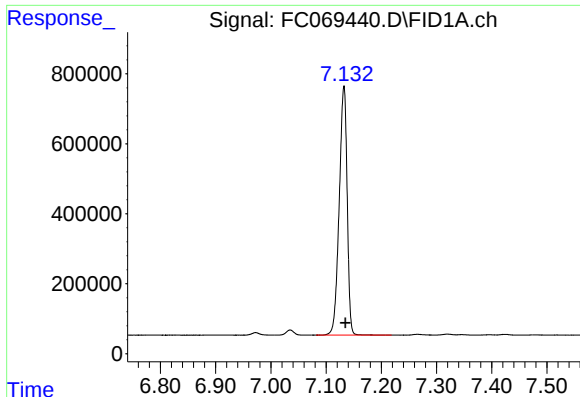
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: -0.005 min
Response: 7237155
Conc: 44.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.502 min
Delta R.T.: -0.004 min
Response: 6414590
Conc: 42.36 ug/ml



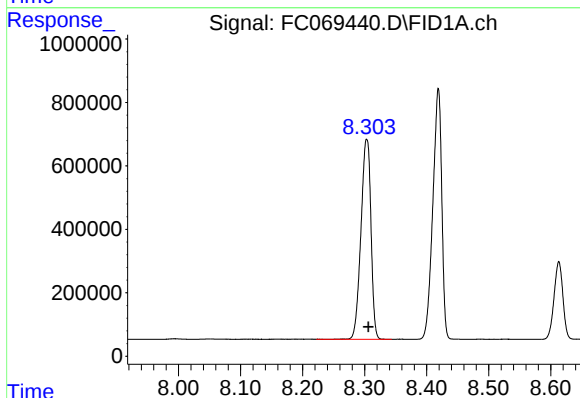
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.132 min
Delta R.T.: -0.003 min
Response: 7112983
Conc: 44.95 ug/ml

Instrument :
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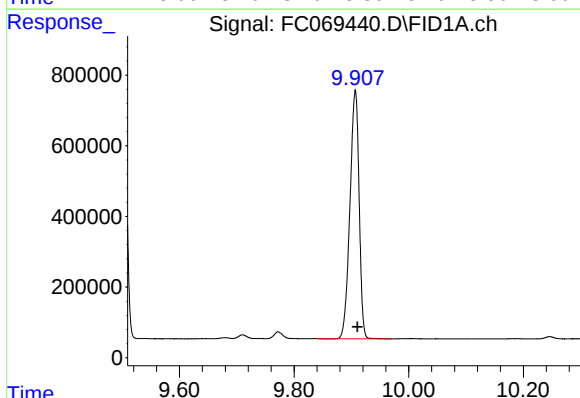
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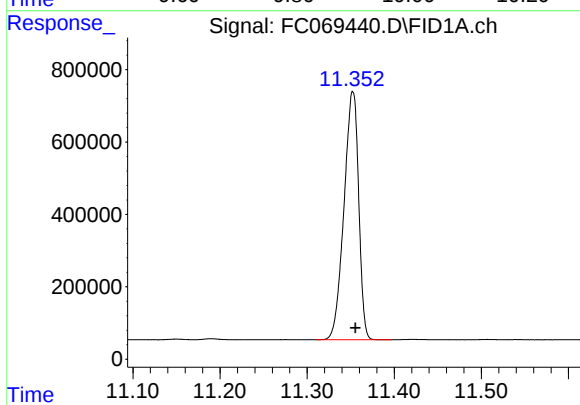
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: -0.003 min
Response: 7058130
Conc: 45.53 ug/ml



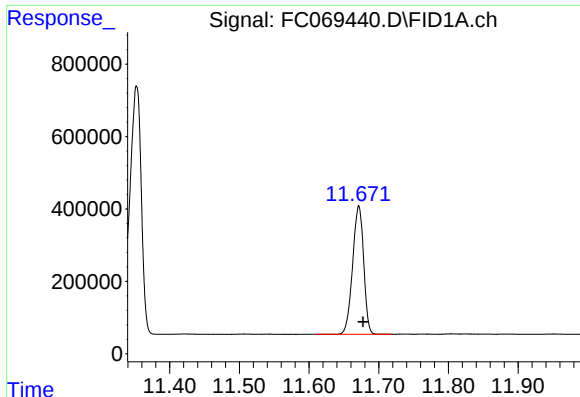
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: -0.004 min
Response: 7817371
Conc: 47.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.352 min
Delta R.T.: -0.003 min
Response: 8028094
Conc: 49.17 ug/ml



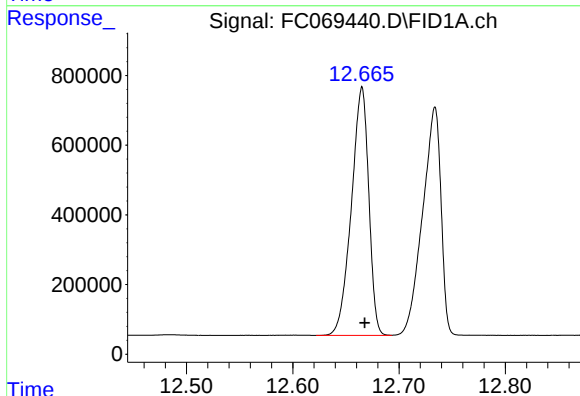
#9 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: -0.006 min
Response: 3904346
Conc: 22.60 ug/ml

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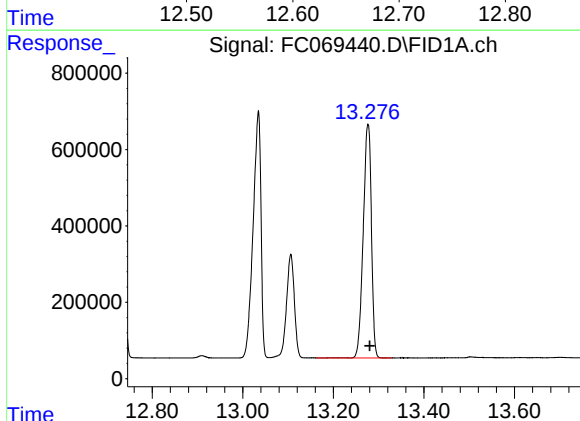
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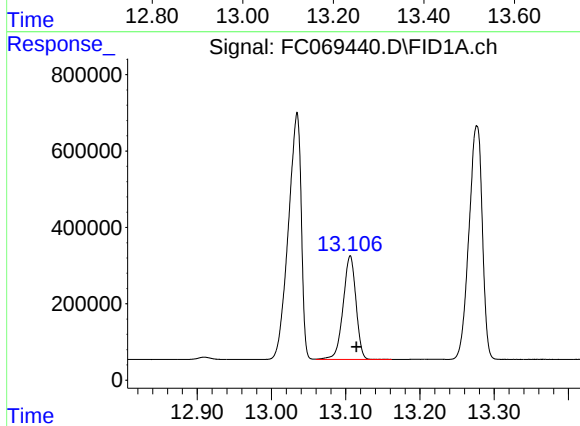
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.003 min
Response: 8102964
Conc: 53.09 ug/ml



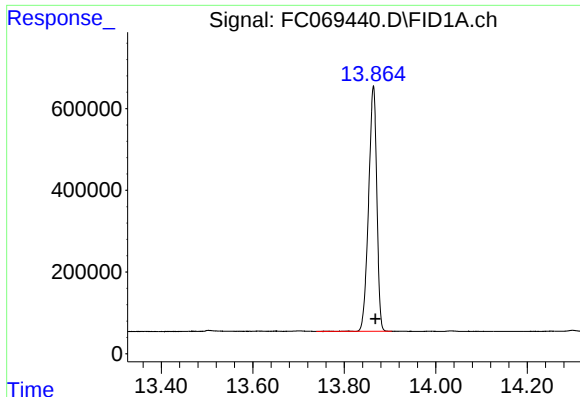
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.004 min
Response: 7647859
Conc: 51.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.106 min
Delta R.T.: -0.008 min
Response: 3260226
Conc: 24.96 ug/ml



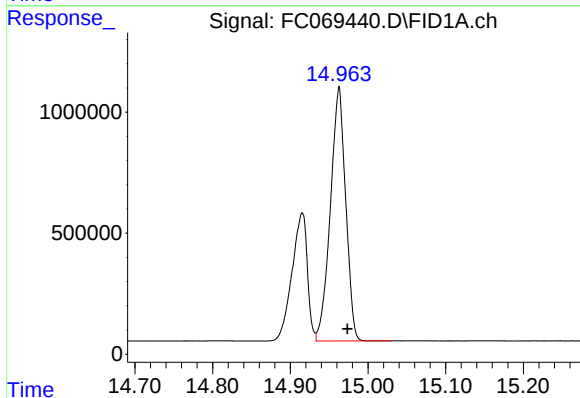
#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.005 min
Response: 7459394
Conc: 51.84 ug/ml

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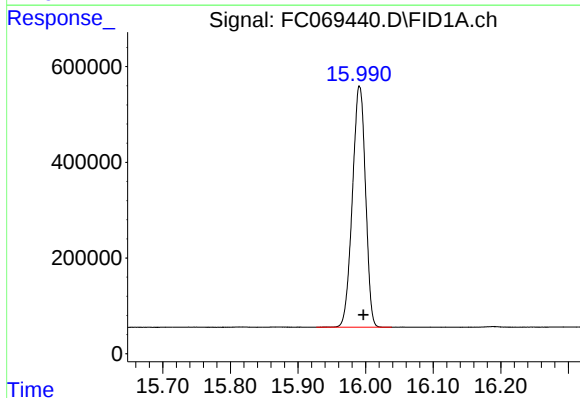
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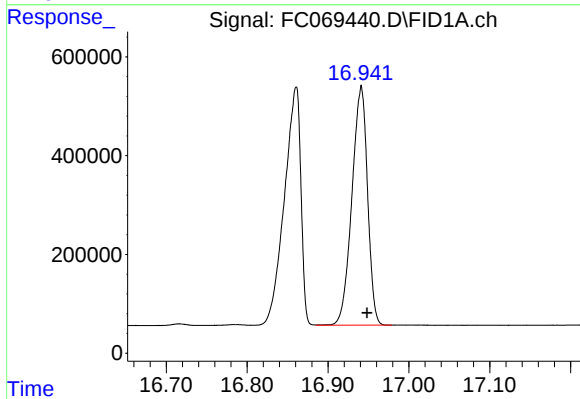
#14 n-Tetracosane (C24)

R.T.: 14.962 min
Delta R.T.: -0.011 min
Response: 14333743
Conc: 103.92 ug/ml



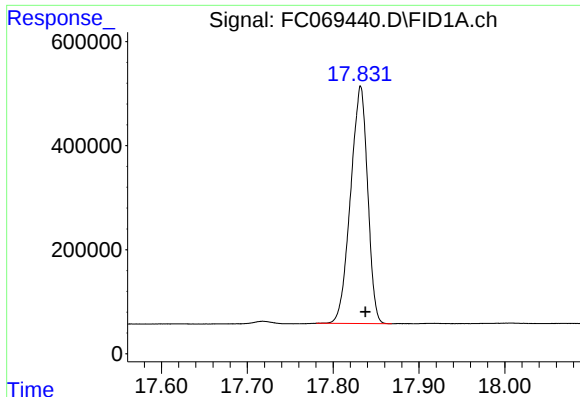
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.005 min
Response: 6788268
Conc: 51.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.008 min
Response: 6492442
Conc: 52.64 ug/ml



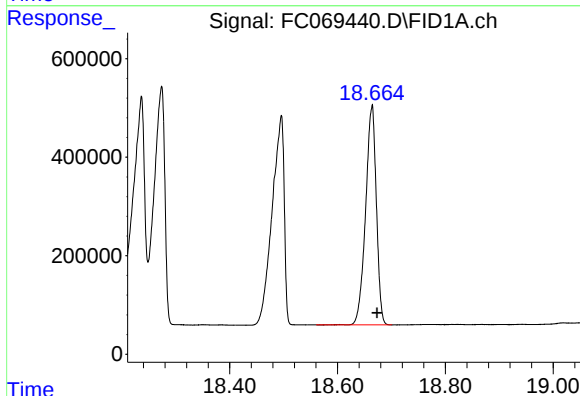
#17 n-Tricontane (C30)

R.T.: 17.832 min
Delta R.T.: -0.006 min
Response: 6312856
Conc: 53.10 ug/ml

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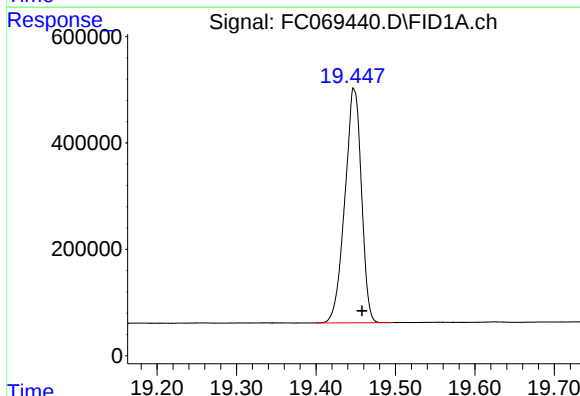
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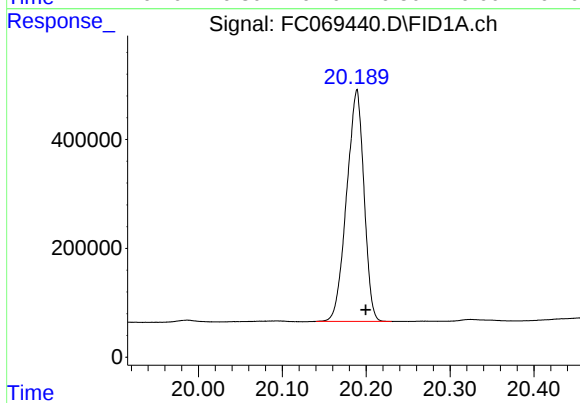
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.010 min
Response: 6168764
Conc: 56.42 ug/ml



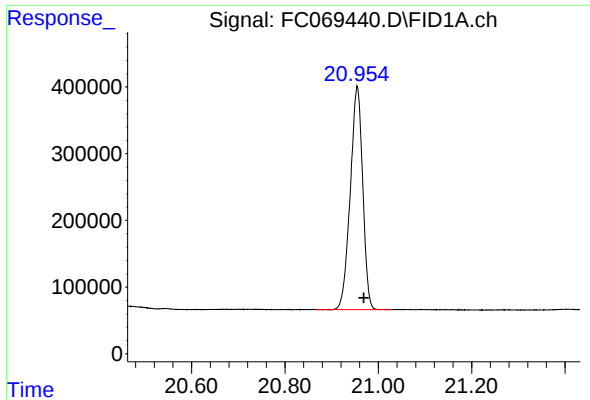
#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: -0.010 min
Response: 6375728
Conc: 66.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.189 min
Delta R.T.: -0.011 min
Response: 6112373
Conc: 74.17 ug/ml



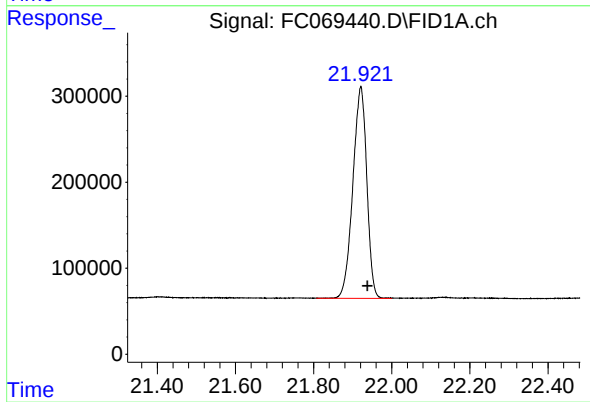
#21 n-Octatriacontane (C38)

R.T.: 20.955 min
Delta R.T.: -0.014 min
Response: 6179398
Conc: 82.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: -0.016 min
Response: 6097005
Conc: 86.10 ug/ml m