

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101525AL\
 Data File : FC069979.D
 Signal(s) : FID1A.ch
 Acq On : 15 Oct 2025 19:38
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 16 06:43:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 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)	11.644	3532332	20.115 ug/ml
Spiked Amount 50.000		Recovery =	40.23%
12) S 1-chlorooctadecane (S...	13.078	2607781	19.211 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.383	2833177	20.632 ug/ml
2) T n-Decane (C10)	4.454	2989470	20.795 ug/ml
3) T A~Naphthalene (C11.7)	6.047	3301604	20.429 ug/ml
4) T n-Dodecane (C12)	6.477	3156480	20.593 ug/ml
5) T A~2-methylnaphthalene...	7.106	3222548	20.198 ug/ml
6) T n-Tetradecane (C14)	8.274	3252730	20.452 ug/ml
7) T n-Hexadecane (C16)	9.878	3414743	20.263 ug/ml
8) T n-Octadecane (C18)	11.322	3438659	20.212 ug/ml
10) T n-Eicosane (C20)	12.632	3203019	19.965 ug/ml
11) T n-Heneicosane (C21)	13.245	3100732	19.969 ug/ml
13) T n-Docosane (C22)	13.832	3038245	19.742 ug/ml
14) T n-Tetracosane (C24)	14.936	2918360	19.247 ug/ml
15) T n-Hexacosane (C26)	15.958	2755350	19.037 ug/ml
16) T n-Octacosane (C28)	16.908	2633422	19.041 ug/ml
17) T n-Tricontane (C30)	17.798	2639348	19.331 ug/ml
18) T n-Dotriacontane (C32)	18.630	2529598	19.619 ug/ml
19) T n-Tetratriacontane (C34)	19.415	2252535	19.742 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1901083	19.657 ug/ml
21) T n-Octatriacontane (C38)	20.914	1624667	18.640 ug/ml
22) T n-Tetracontane (C40)	21.863	1387348	16.885 ug/ml

(f)=RT Delta > 1/2 Window

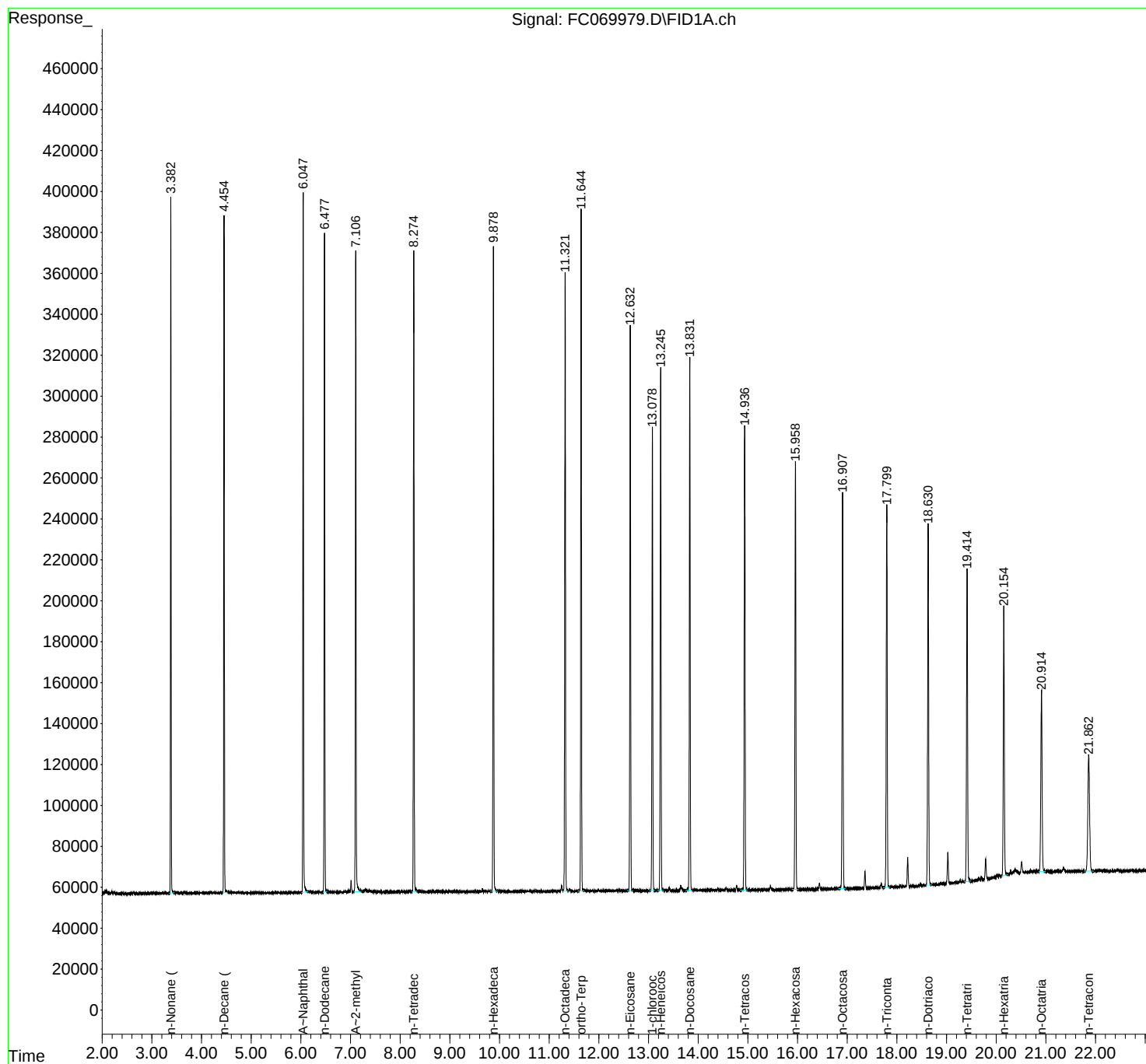
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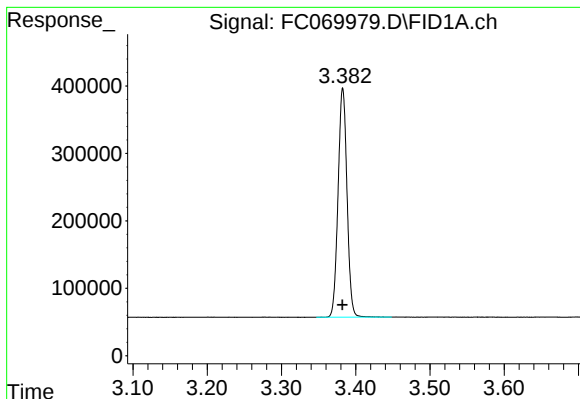
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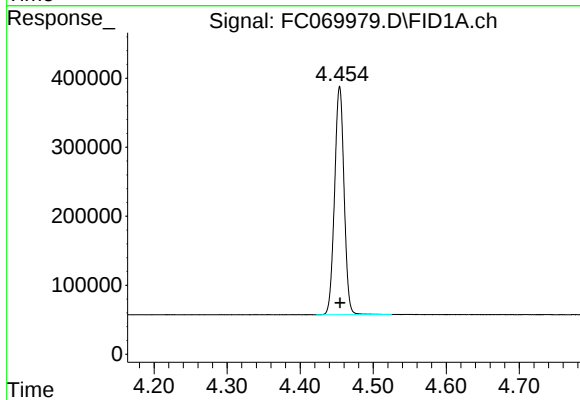




#1 n-Nonane (C9)

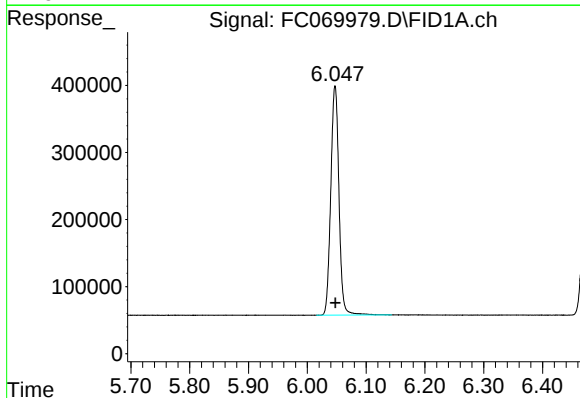
R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2833177
Conc: 20.63 ug/ml

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20 PPM ALIPHATIC HC STD



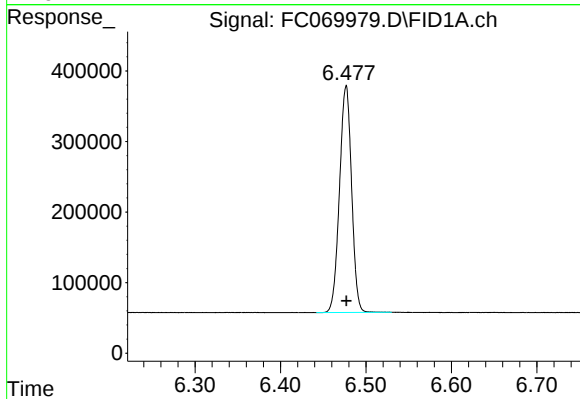
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 2989470
Conc: 20.79 ug/ml



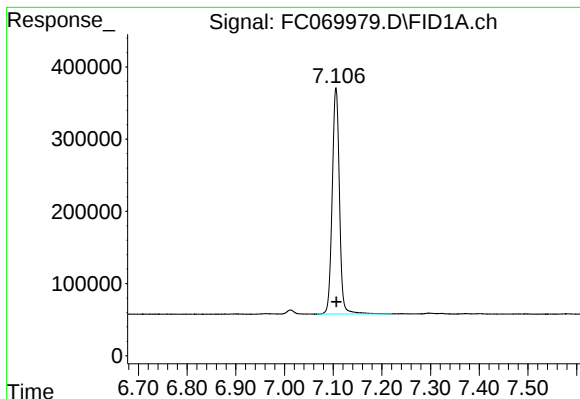
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 3301604
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

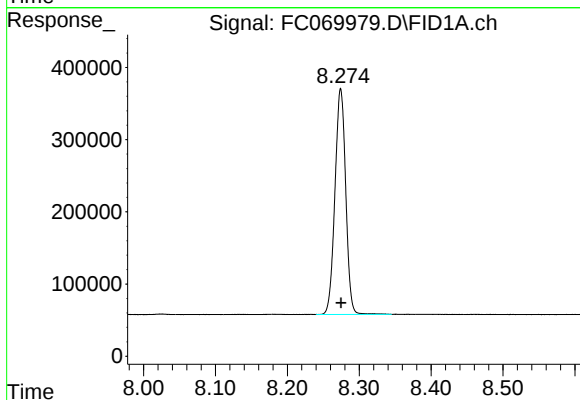
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 3156480
Conc: 20.59 ug/ml



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

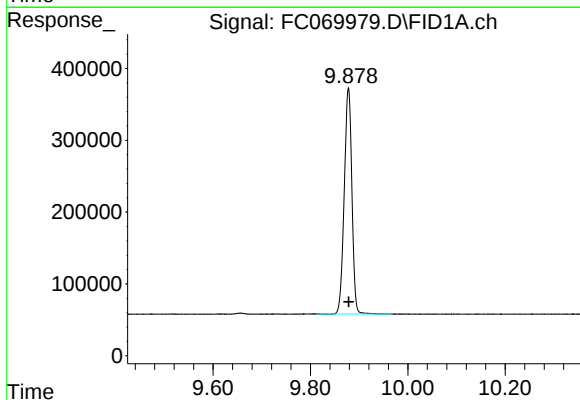
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 3222548
Conc: 20.20 ug/ml

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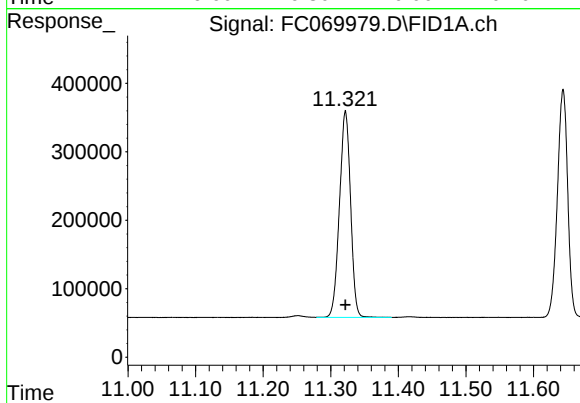
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 3252730
Conc: 20.45 ug/ml



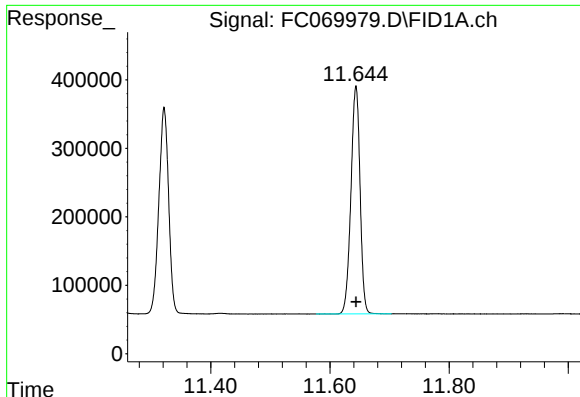
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 3414743
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

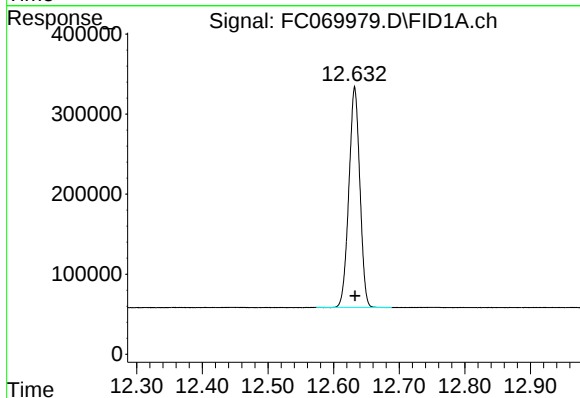
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3438659
Conc: 20.21 ug/ml



#9 ortho-Terphenyl (SURR)

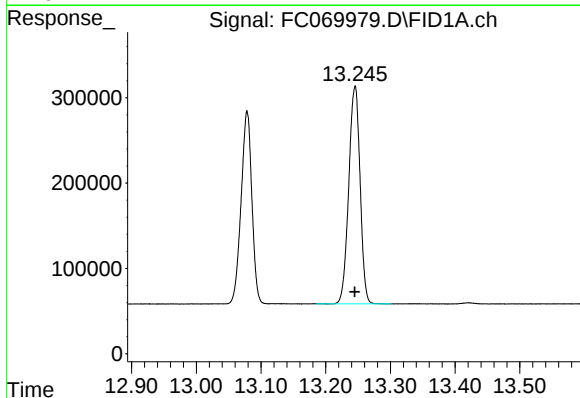
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3532332
Conc: 20.12 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



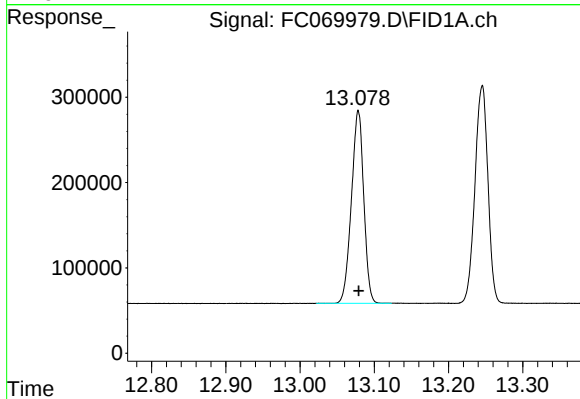
#10 n-Eicosane (C20)

R.T.: 12.632 min
Delta R.T.: 0.000 min
Response: 3203019
Conc: 19.96 ug/ml



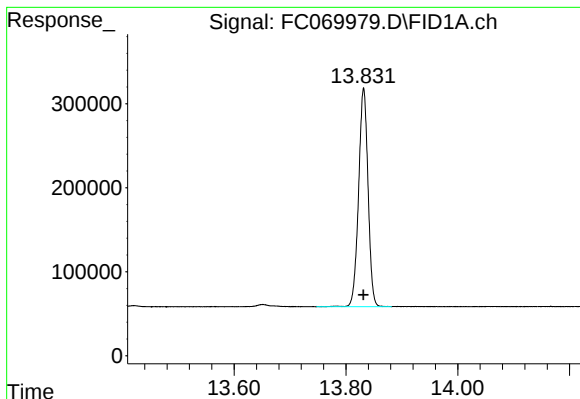
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 3100732
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

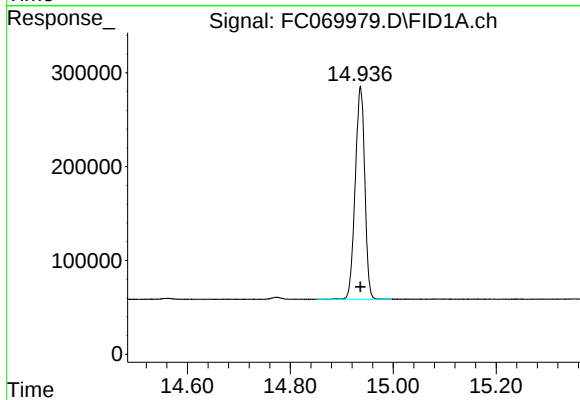
R.T.: 13.078 min
Delta R.T.: 0.000 min
Response: 2607781
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

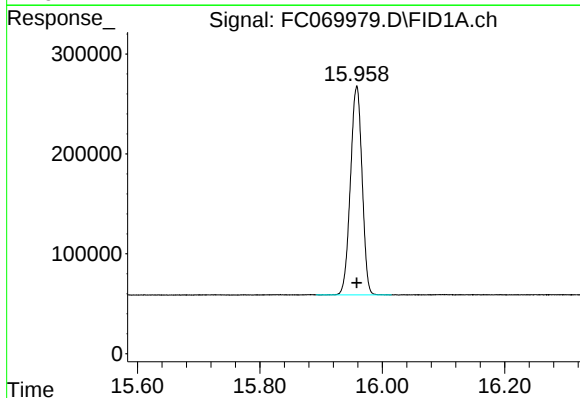
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 3038245
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD



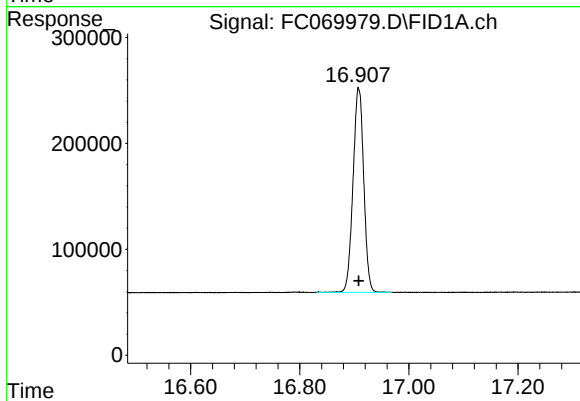
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2918360
Conc: 19.25 ug/ml



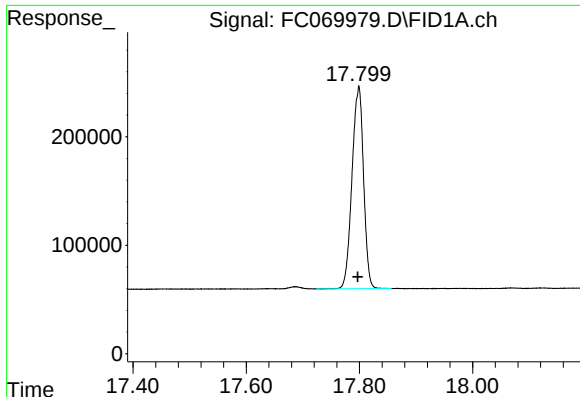
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: 0.000 min
Response: 2755350
Conc: 19.04 ug/ml



#16 n-Octacosane (C28)

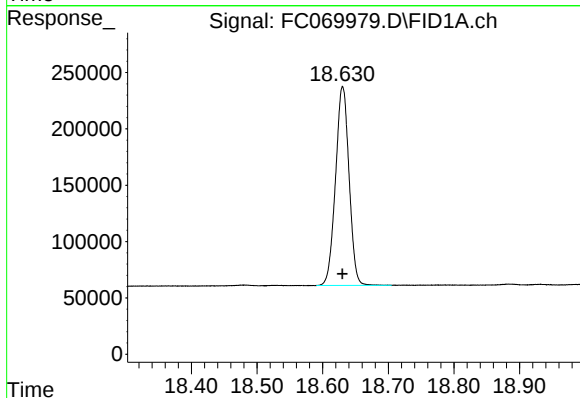
R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2633422
Conc: 19.04 ug/ml



#17 n-Tricontane (C30)

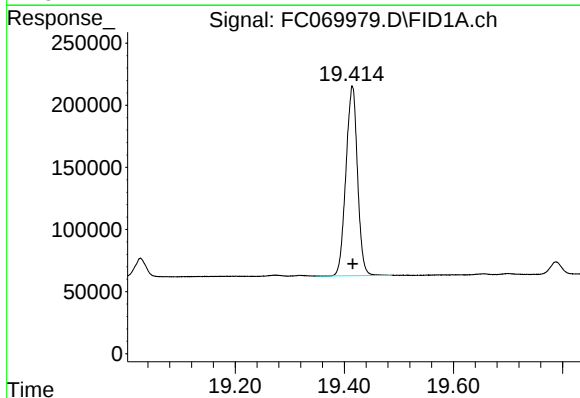
R.T.: 17.798 min
Delta R.T.: 0.002 min
Response: 2639348
Conc: 19.33 ug/ml

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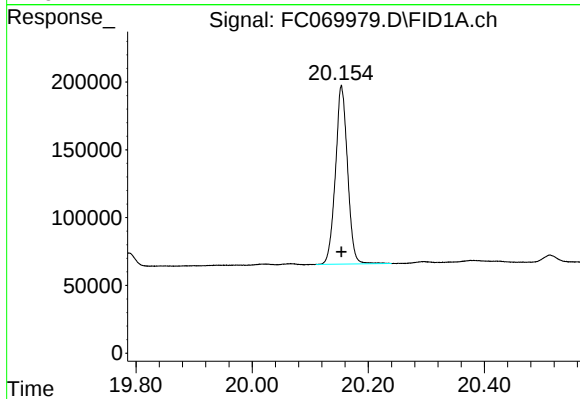
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2529598
Conc: 19.62 ug/ml



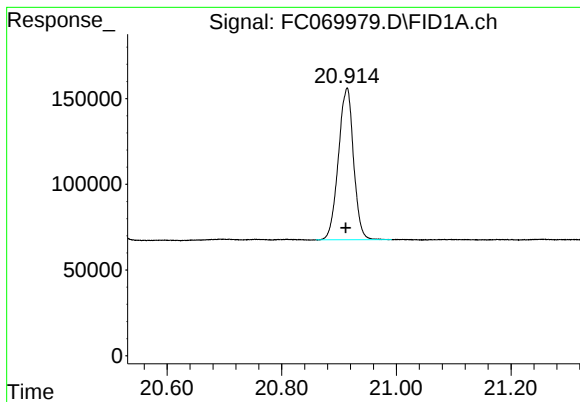
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 2252535
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

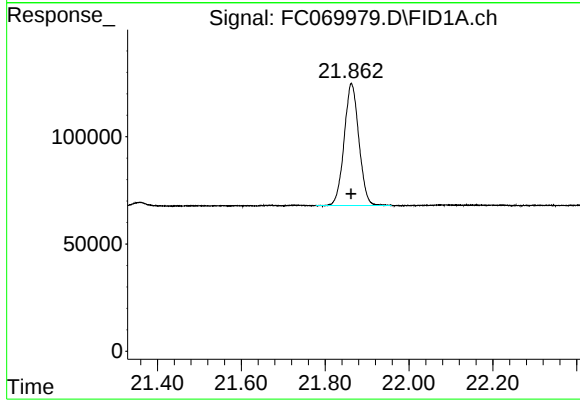
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1901083
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.002 min
Response: 1624667
Conc: 18.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.863 min
Delta R.T.: 0.001 min
Response: 1387348
Conc: 16.89 ug/ml