

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100825AL\
 Data File : FC069956.D
 Signal(s) : FID1A.ch
 Acq On : 07 Oct 2025 21:31
 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: sample.E
 Quant Time: Oct 08 06:08:55 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	3703164	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	13.079	2890345	21.293 ug/ml
Spiked Amount 50.000		Recovery =	42.59%
Target Compounds			
1) T n-Nonane (C9)	3.384	2875808	20.943 ug/ml
2) T n-Decane (C10)	4.455	3025409	21.045 ug/ml
3) T A~Naphthalene (C11.7)	6.048	3424472	21.189 ug/ml
4) T n-Dodecane (C12)	6.478	3218991	21.001 ug/ml
5) T A~2-methylnaphthalene...	7.107	3392361	21.262 ug/ml
6) T n-Tetradecane (C14)	8.275	3364789	21.156 ug/ml
7) T n-Hexadecane (C16)	9.878	3580550	21.247 ug/ml
8) T n-Octadecane (C18)	11.322	3636384	21.374 ug/ml
10) T n-Eicosane (C20)	12.633	3419339	21.313 ug/ml
11) T n-Heneicosane (C21)	13.246	3310873	21.323 ug/ml
13) T n-Docosane (C22)	13.832	3237249	21.035 ug/ml
14) T n-Tetracosane (C24)	14.937	3087859	20.364 ug/ml
15) T n-Hexacosane (C26)	15.959	2894893	20.001 ug/ml
16) T n-Octacosane (C28)	16.911	2725486	19.707 ug/ml
17) T n-Tricontane (C30)	17.797	2679621	19.626 ug/ml
18) T n-Dotriacontane (C32)	18.631	2533143	19.647 ug/ml
19) T n-Tetratriacontane (C34)	19.414	2296062	20.123 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1979839	20.472 ug/ml
21) T n-Octatriacontane (C38)	20.915	1797568	20.624 ug/ml
22) T n-Tetracontane (C40)	21.866	1706238	20.767 ug/ml

(f)=RT Delta > 1/2 Window

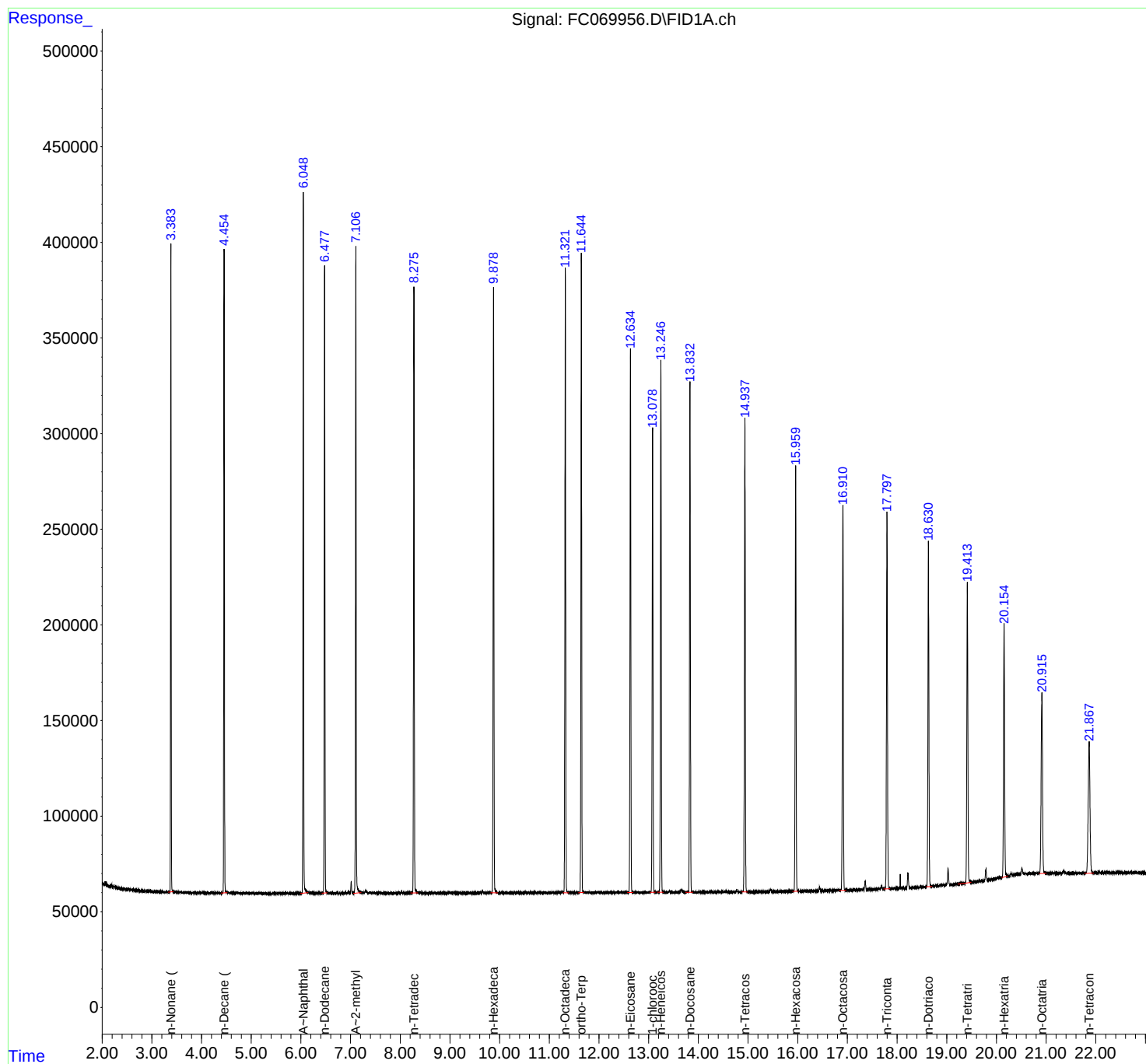
(m)=manual int.

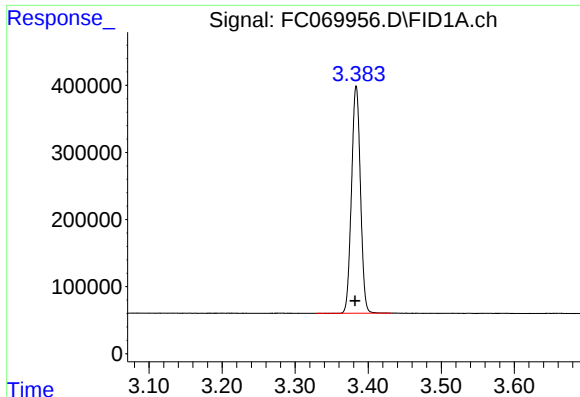
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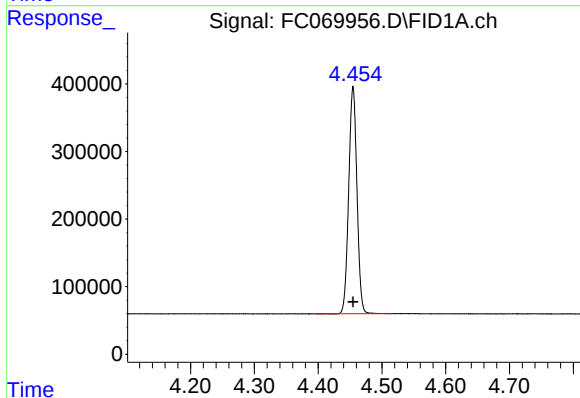




#1 n-Nonane (C9)

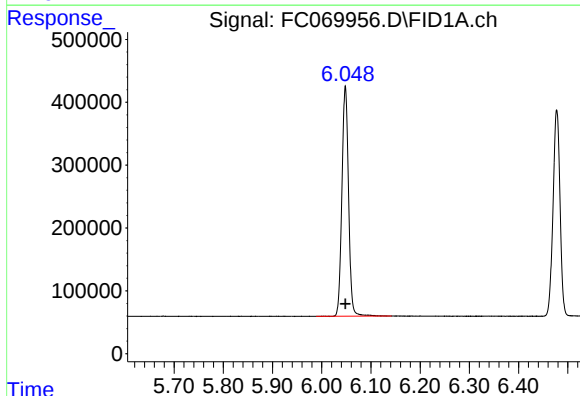
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 2875808
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



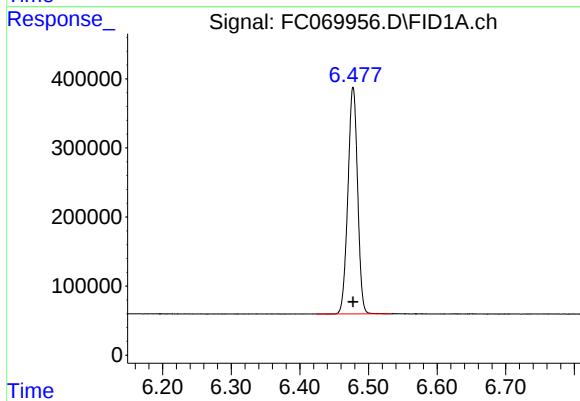
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 3025409
Conc: 21.04 ug/ml



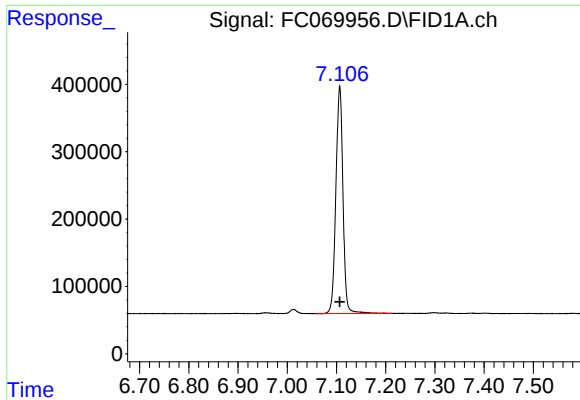
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 3424472
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

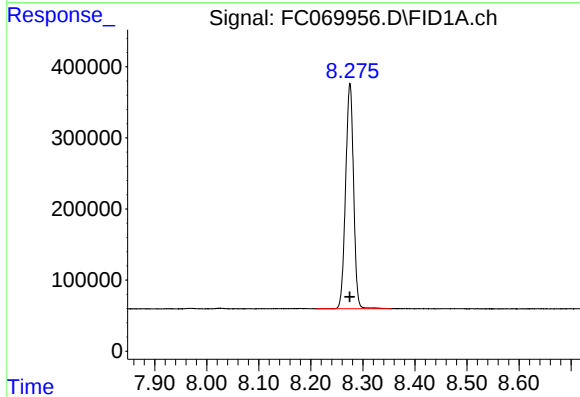
R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 3218991
Conc: 21.00 ug/ml



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

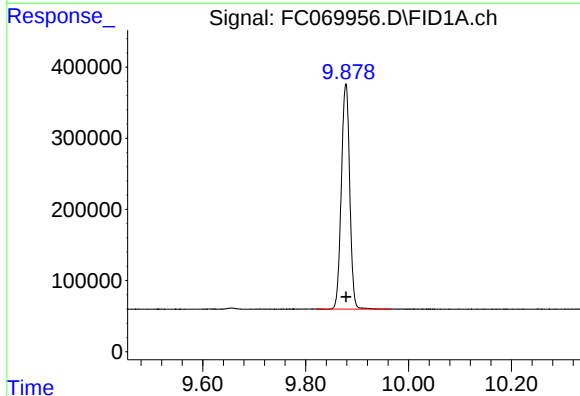
R.T.: 7.107 min
Delta R.T.: 0.000 min
Response: 3392361
Conc: 21.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



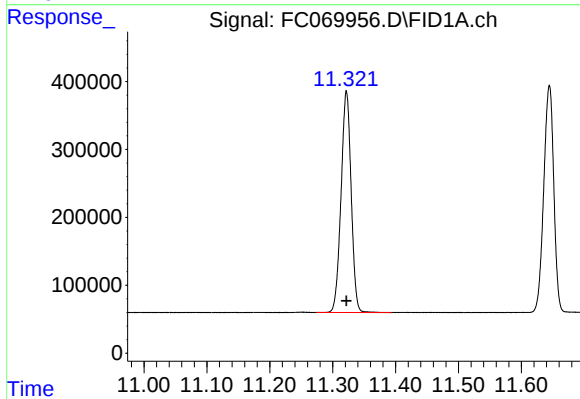
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 3364789
Conc: 21.16 ug/ml



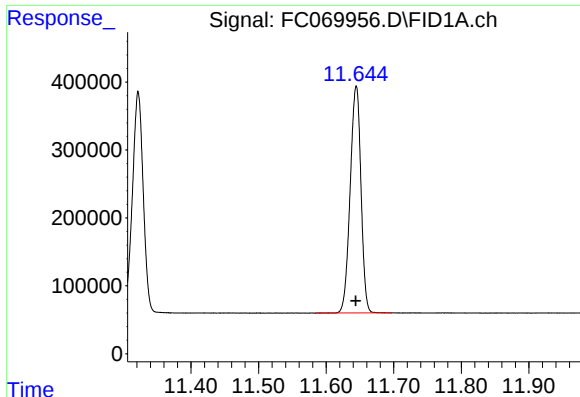
#7 n-Hexadecane (C16)

R.T.: 9.878 min
Delta R.T.: 0.000 min
Response: 3580550
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

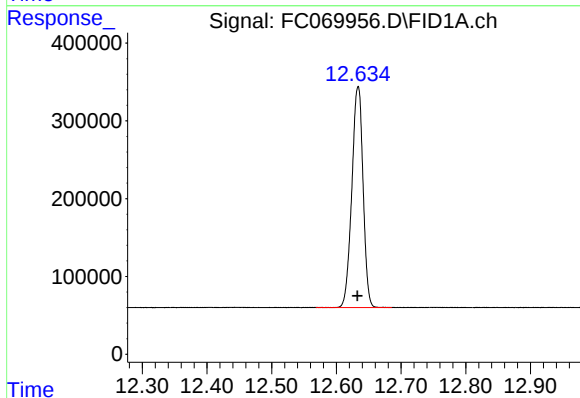
R.T.: 11.322 min
Delta R.T.: 0.000 min
Response: 3636384
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

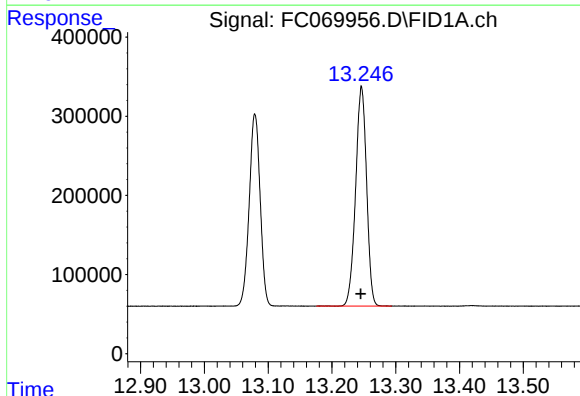
R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 3703164
Conc: 21.09 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



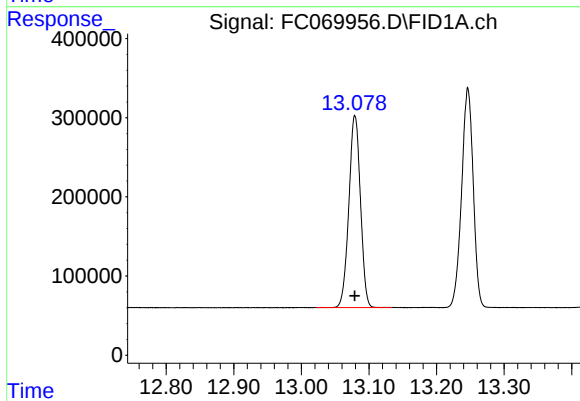
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 3419339
Conc: 21.31 ug/ml



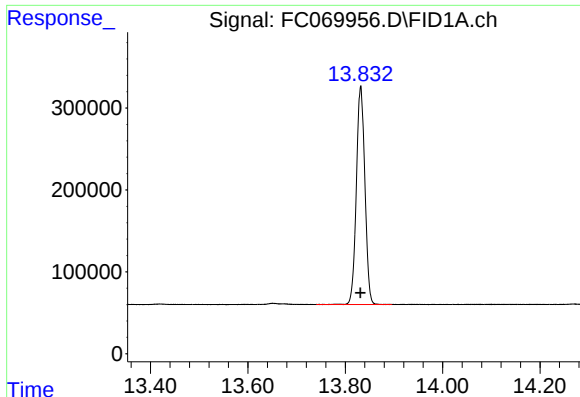
#11 n-Heneicosane (C21)

R.T.: 13.246 min
Delta R.T.: 0.001 min
Response: 3310873
Conc: 21.32 ug/ml



#12 1-chlorooctadecane (SURR)

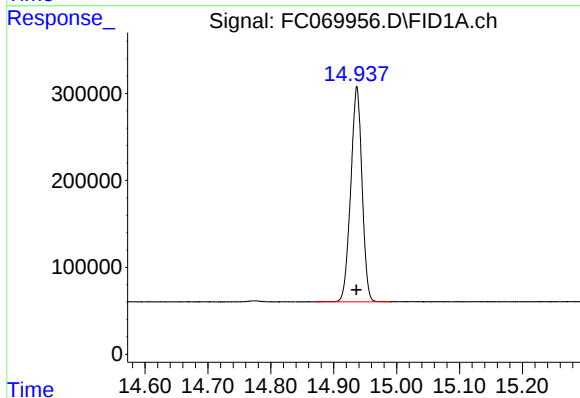
R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 2890345
Conc: 21.29 ug/ml



#13 n-Docosane (C22)

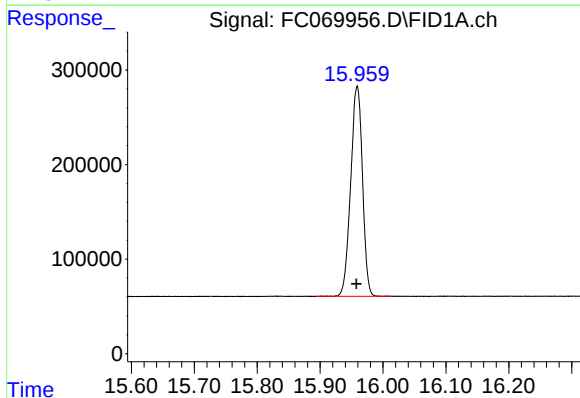
R.T.: 13.832 min
Delta R.T.: 0.000 min
Response: 3237249
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



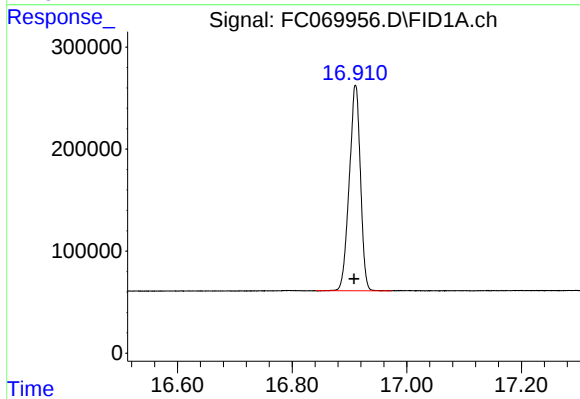
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: 0.000 min
Response: 3087859
Conc: 20.36 ug/ml



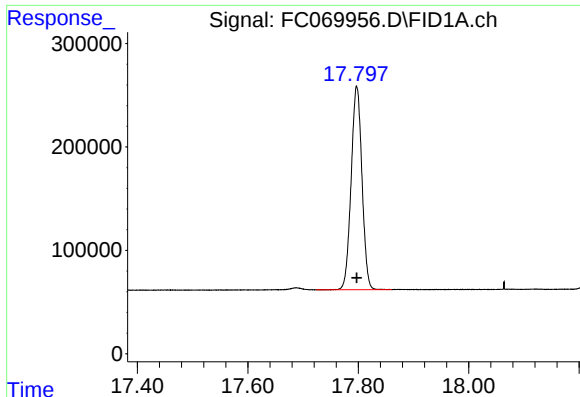
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: 0.001 min
Response: 2894893
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

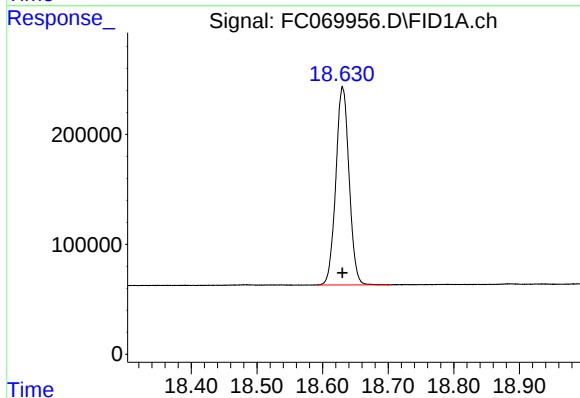
R.T.: 16.911 min
Delta R.T.: 0.002 min
Response: 2725486
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

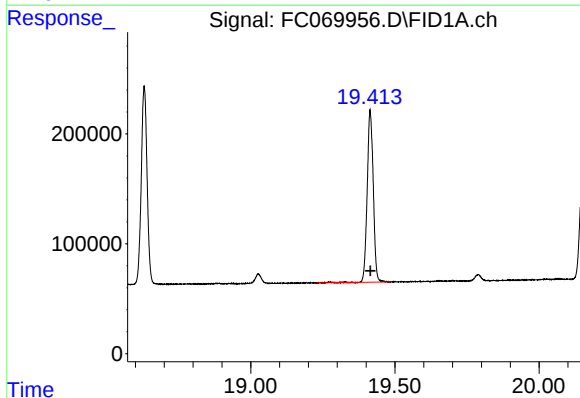
R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2679621
Conc: 19.63 ug/ml

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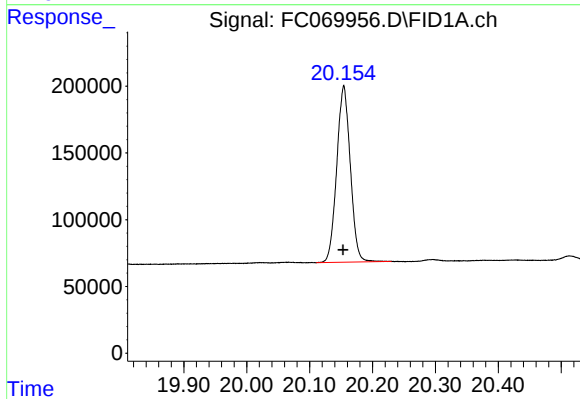
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 2533143
Conc: 19.65 ug/ml



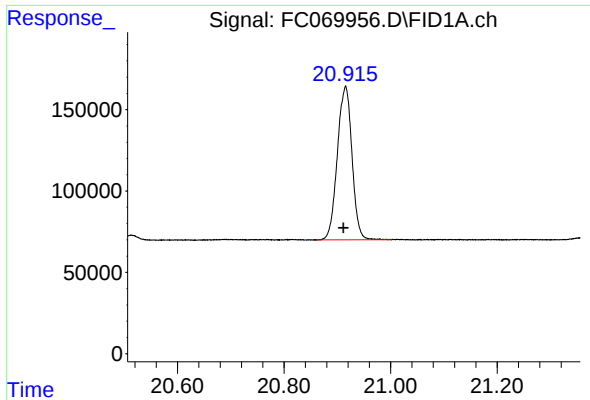
#19 n-Tetratriacontane (C34)

R.T.: 19.414 min
Delta R.T.: -0.001 min
Response: 2296062
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

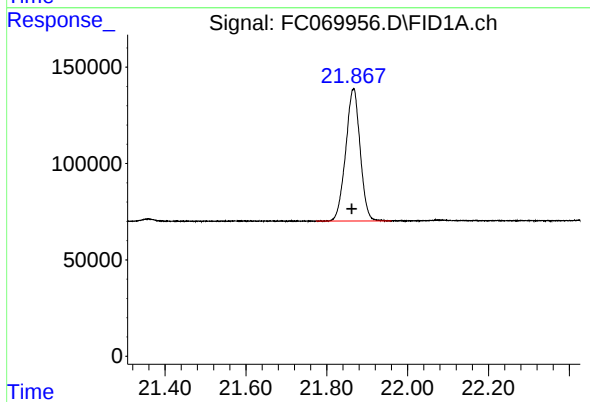
R.T.: 20.154 min
Delta R.T.: 0.000 min
Response: 1979839
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.915 min
Delta R.T.: 0.004 min
Response: 1797568
Conc: 20.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: 0.004 min
Response: 1706238
Conc: 20.77 ug/ml