

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069634.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 11:03
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 13 01:15:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 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)	11.665	2814665	18.867 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.100	2078927	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.396	2629654	18.457 ug/ml
2) T n-Decane (C10)	4.469	2715119	18.676 ug/ml
3) T A~Naphthalene (C11.7)	6.064	2922344	18.834 ug/ml
4) T n-Dodecane (C12)	6.494	2739971	18.743 ug/ml
5) T A~2-methylnaphthalene...	7.124	2785664	18.915 ug/ml
6) T n-Tetradecane (C14)	8.293	2702193	18.935 ug/ml
7) T n-Hexadecane (C16)	9.898	2736618	18.983 ug/ml
8) T n-Octadecane (C18)	11.342	2684450	18.983 ug/ml
10) T n-Eicosane (C20)	12.654	2489136	18.896 ug/ml
11) T n-Heneicosane (C21)	13.267	2406278	18.866 ug/ml
13) T n-Docosane (C22)	13.854	2359727	18.890 ug/ml
14) T n-Tetracosane (C24)	14.959	2271044	18.820 ug/ml
15) T n-Hexacosane (C26)	15.981	2171654	18.794 ug/ml
16) T n-Octacosane (C28)	16.932	2095555	18.696 ug/ml
17) T n-Tricontane (C30)	17.821	2148650	18.766 ug/ml
18) T n-Dotriacontane (C32)	18.656	2116855	19.057 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1945870	19.110 ug/ml
20) T n-Hexatriacontane (C36)	20.182	1690172	18.956 ug/ml
21) T n-Octatriacontane (C38)	20.946	1523124	18.934 ug/ml
22) T n-Tetracontane (C40)	21.908	1432227	19.127 ug/ml

(f)=RT Delta > 1/2 Window

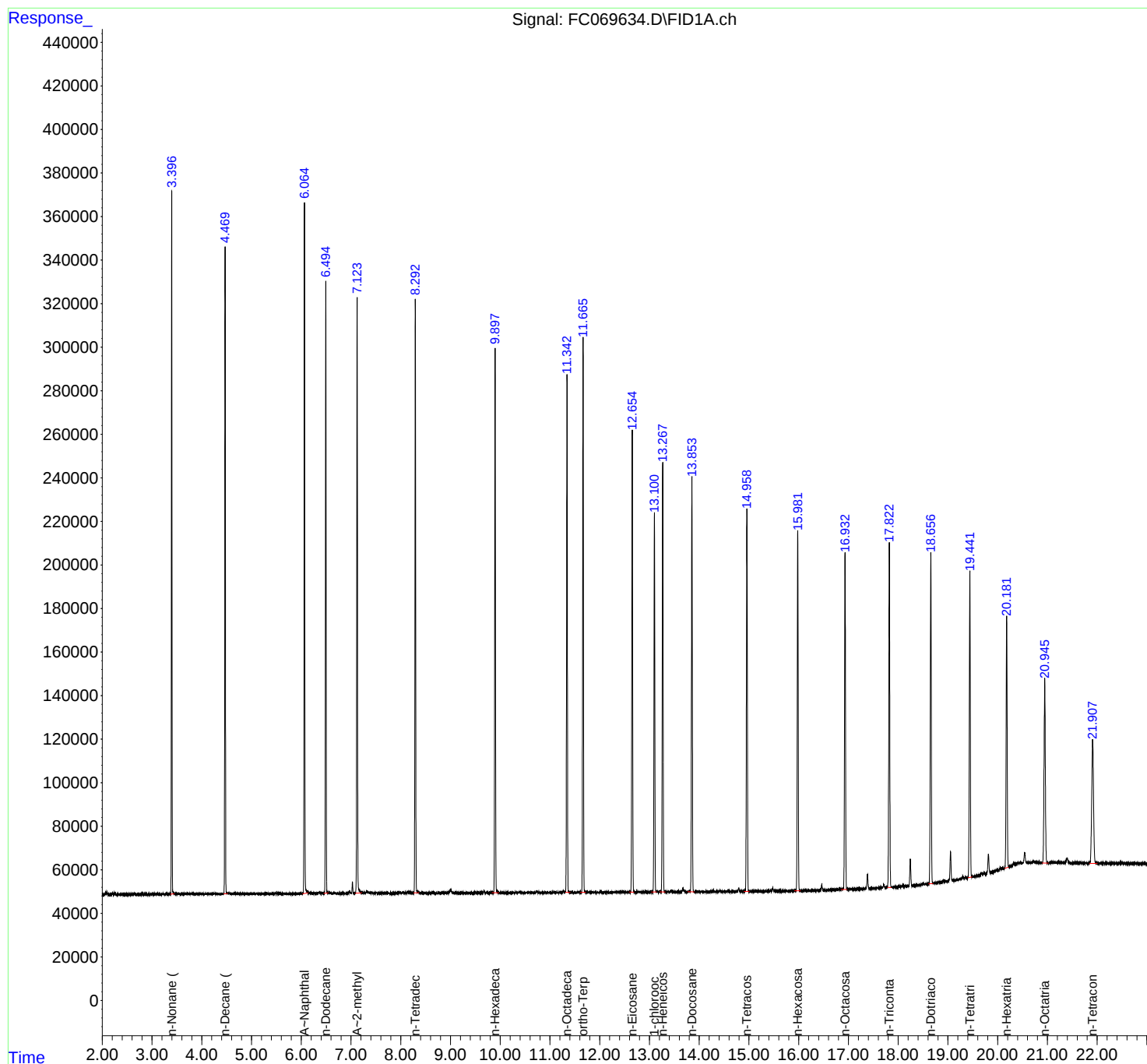
(m)=manual int.

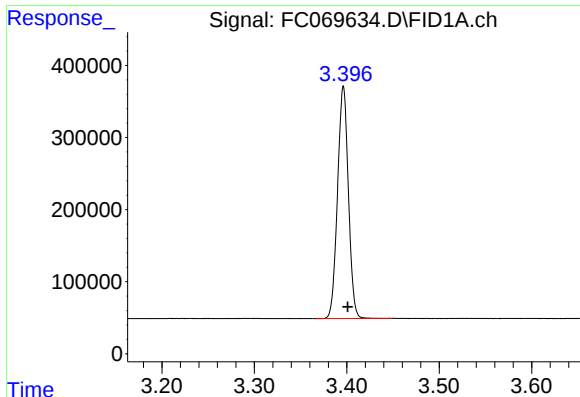
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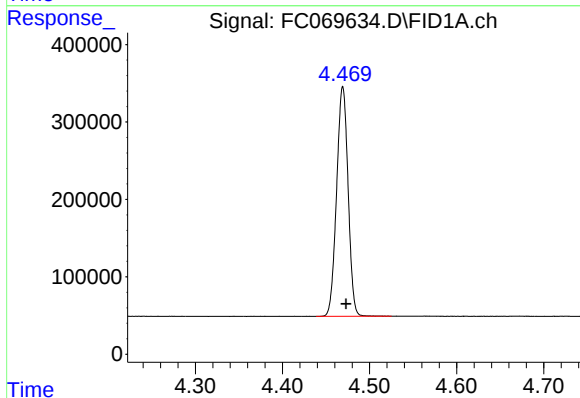




#1 n-Nonane (C9)

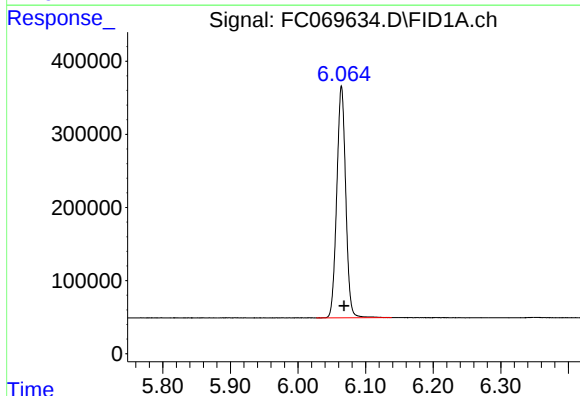
R.T.: 3.396 min
Delta R.T.: -0.005 min
Response: 2629654
Conc: 18.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



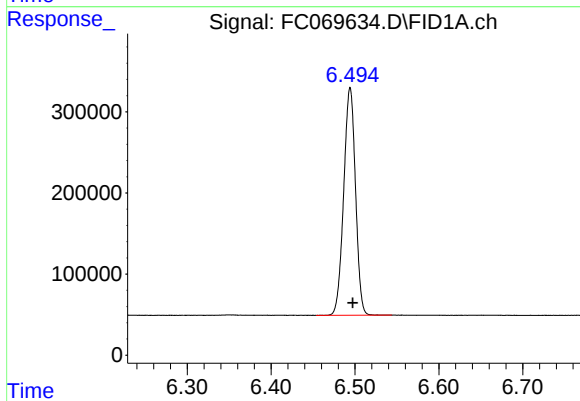
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2715119
Conc: 18.68 ug/ml



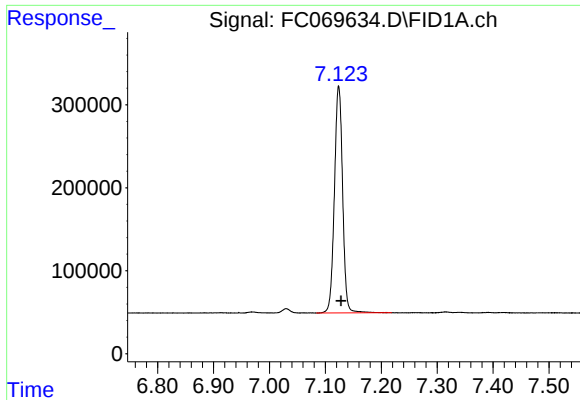
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: -0.004 min
Response: 2922344
Conc: 18.83 ug/ml



#4 n-Dodecane (C12)

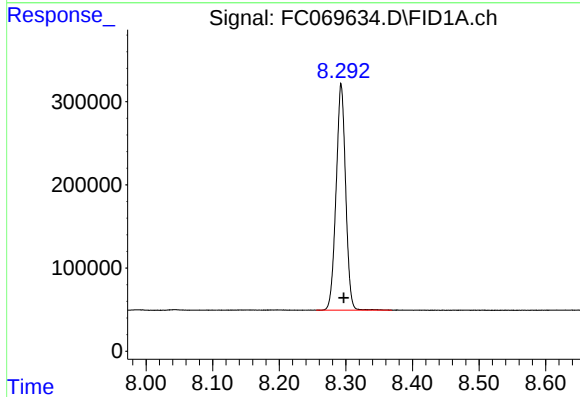
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 2739971
Conc: 18.74 ug/ml



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

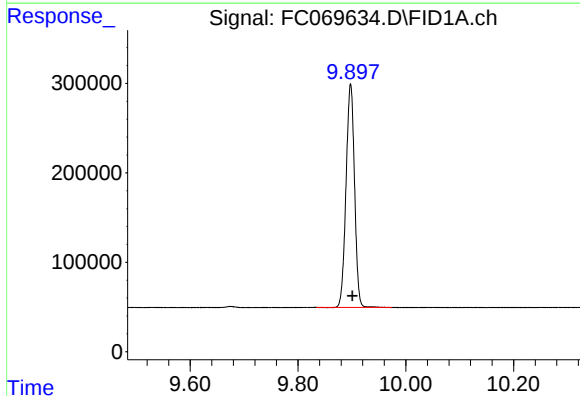
R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 2785664
Conc: 18.91 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



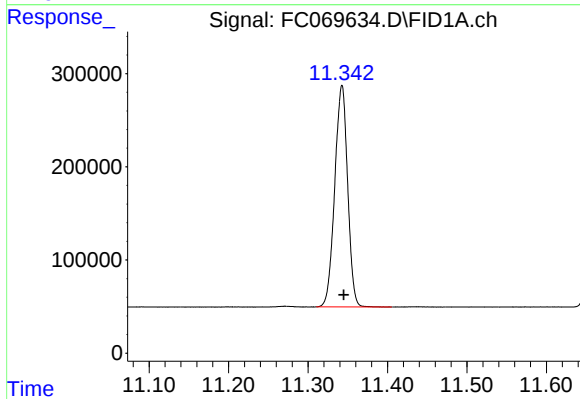
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: -0.004 min
Response: 2702193
Conc: 18.93 ug/ml



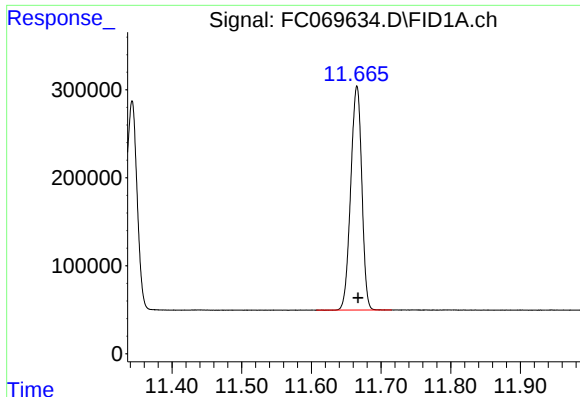
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.003 min
Response: 2736618
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

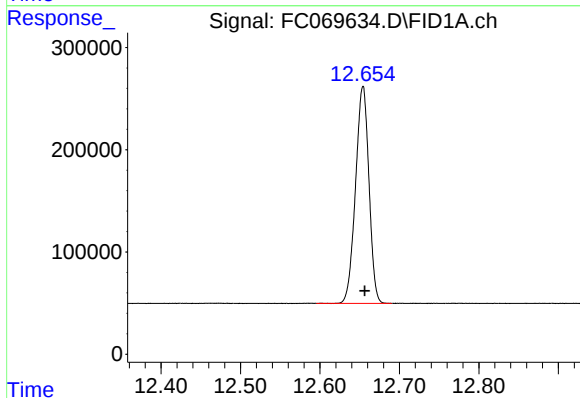
R.T.: 11.342 min
Delta R.T.: -0.002 min
Response: 2684450
Conc: 18.98 ug/ml



#9 ortho-Terphenyl (SURR)

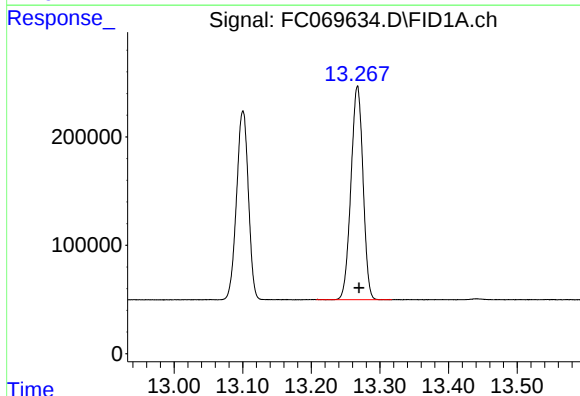
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 2814665
Conc: 18.87 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



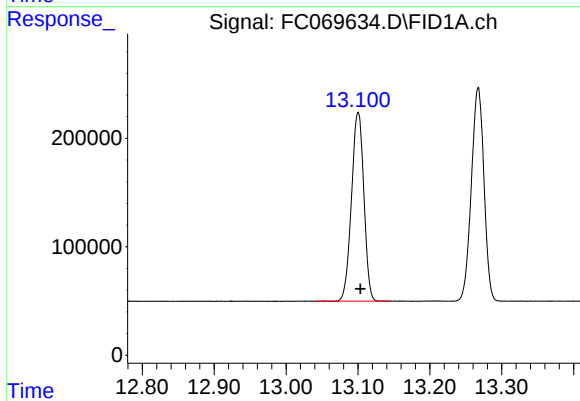
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.002 min
Response: 2489136
Conc: 18.90 ug/ml



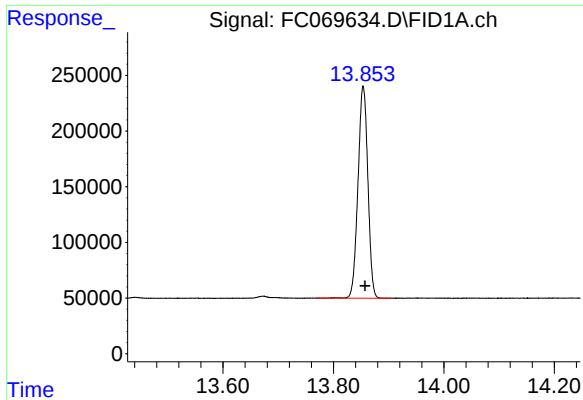
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2406278
Conc: 18.87 ug/ml



#12 1-chlorooctadecane (SURR)

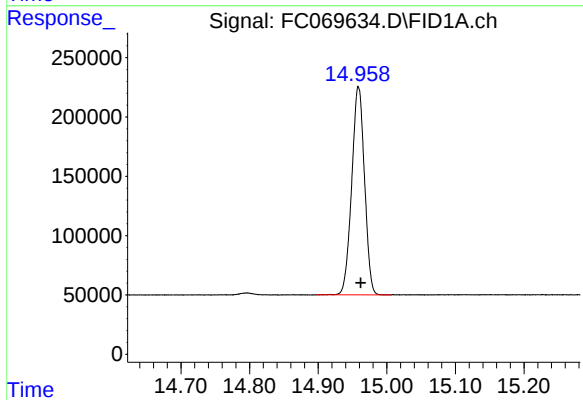
R.T.: 13.100 min
Delta R.T.: -0.003 min
Response: 2078927
Conc: 19.07 ug/ml



#13 n-Docosane (C22)

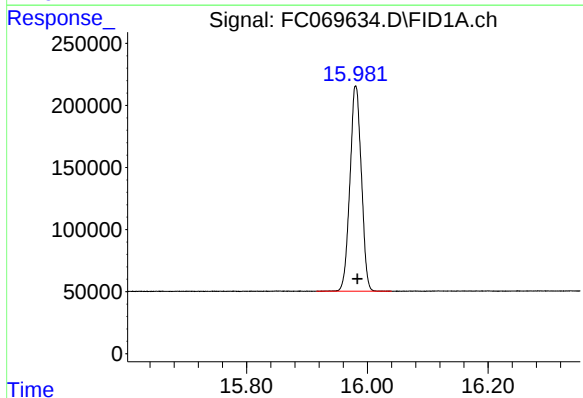
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 2359727
Conc: 18.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



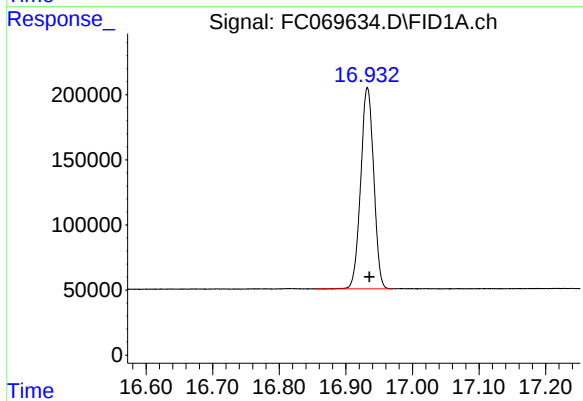
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: -0.003 min
Response: 2271044
Conc: 18.82 ug/ml



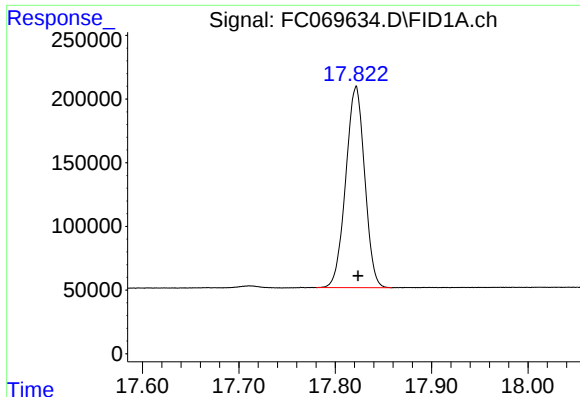
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.003 min
Response: 2171654
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

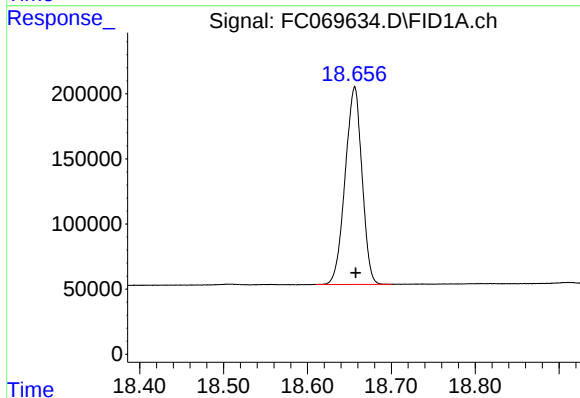
R.T.: 16.932 min
Delta R.T.: -0.003 min
Response: 2095555
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

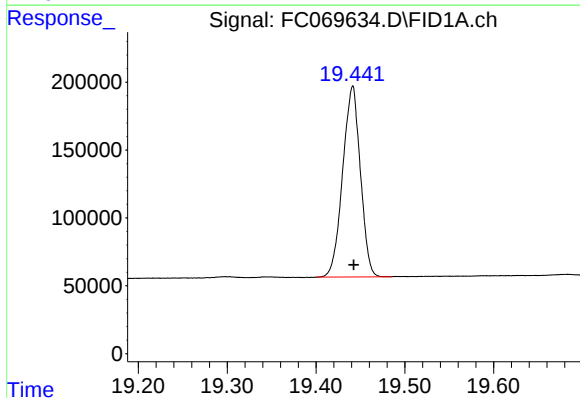
R.T.: 17.821 min
Delta R.T.: -0.002 min
Response: 2148650
Conc: 18.77 ug/ml

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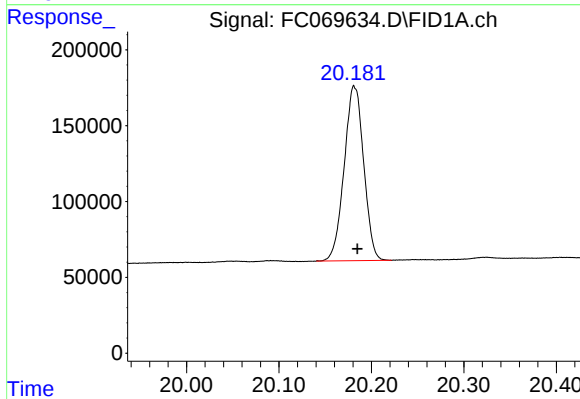
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.002 min
Response: 2116855
Conc: 19.06 ug/ml



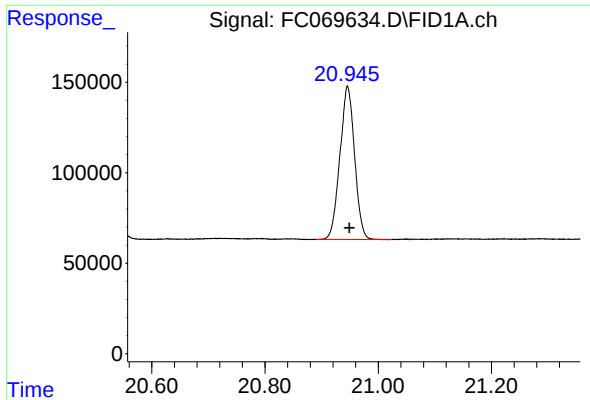
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.002 min
Response: 1945870
Conc: 19.11 ug/ml



#20 n-Hexatriacontane (C36)

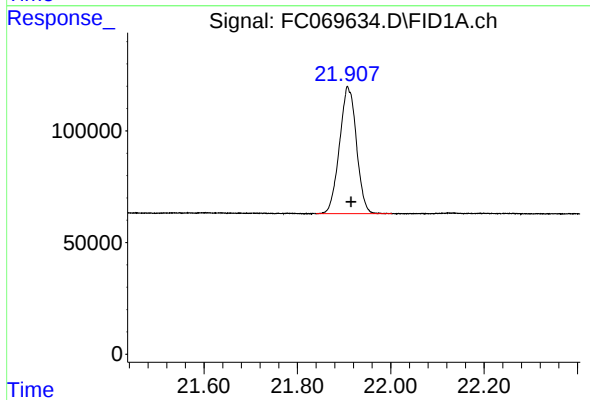
R.T.: 20.182 min
Delta R.T.: -0.003 min
Response: 1690172
Conc: 18.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.946 min
Delta R.T.: -0.003 min
Response: 1523124
Conc: 18.93 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.007 min
Response: 1432227
Conc: 19.13 ug/ml