

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042825AL\
 Data File : FC068701.D
 Signal(s) : FID1A.ch
 Acq On : 28 Apr 2025 13:08
 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: Apr 29 03:05:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.721	2480829	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	13.155	1772802	19.084 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.447	2114885	20.080 ug/ml
2) T n-Decane (C10)	4.524	2114143	20.066 ug/ml
3) T A~Naphthalene (C11.7)	6.122	2314655	19.875 ug/ml
4) T n-Dodecane (C12)	6.550	2091275	19.886 ug/ml
5) T A~2-methylnaphthalene...	7.181	2250202	19.483 ug/ml
6) T n-Tetradecane (C14)	8.348	2019116	19.640 ug/ml
7) T n-Hexadecane (C16)	9.952	1987702	19.518 ug/ml
8) T n-Octadecane (C18)	11.396	1956124	19.438 ug/ml
10) T n-Eicosane (C20)	12.709	1905750	19.375 ug/ml
11) T n-Heneicosane (C21)	13.321	1881575	19.307 ug/ml
13) T n-Docosane (C22)	13.908	1863973	19.297 ug/ml
14) T n-Tetracosane (C24)	15.013	1847484	19.410 ug/ml
15) T n-Hexacosane (C26)	16.035	1825422	19.543 ug/ml
16) T n-Octacosane (C28)	16.988	1826663	19.951 ug/ml
17) T n-Tricontane (C30)	17.876	1888180	20.539 ug/ml
18) T n-Dotriacontane (C32)	18.710	1924068	20.976 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1893883	21.199 ug/ml
20) T n-Hexatriacontane (C36)	20.237	1930584	21.552 ug/ml
21) T n-Octatriacontane (C38)	21.015	1920674	21.724 ug/ml
22) T n-Tetracontane (C40)	21.995	1912467	21.657 ug/ml

(f)=RT Delta > 1/2 Window

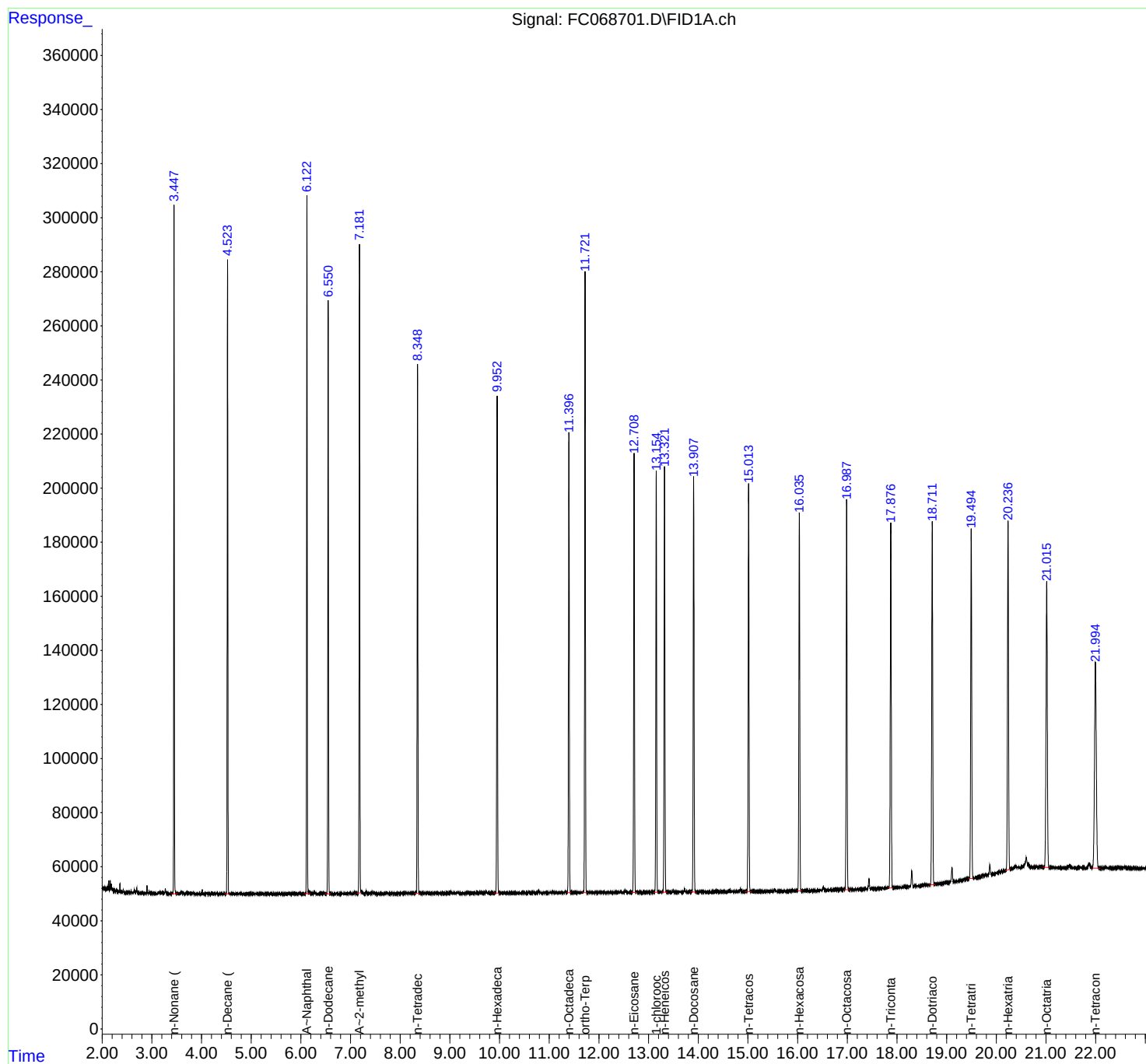
(m)=manual int.

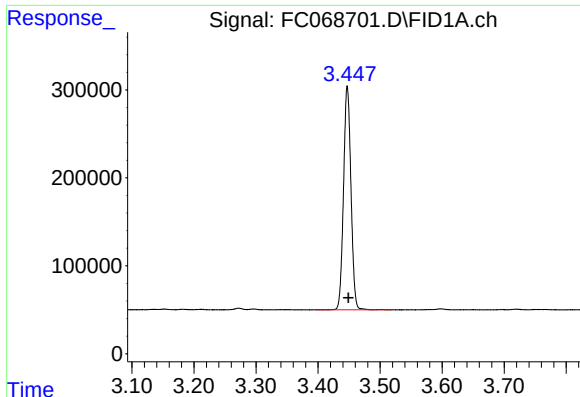
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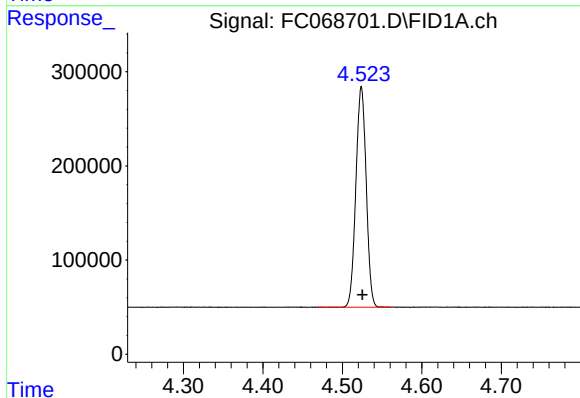




#1 n-Nonane (C9)

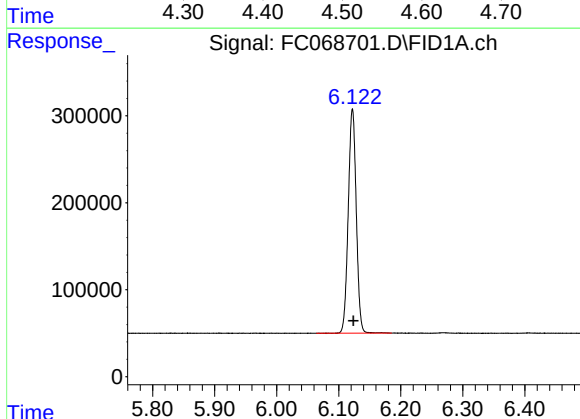
R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2114885
Conc: 20.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



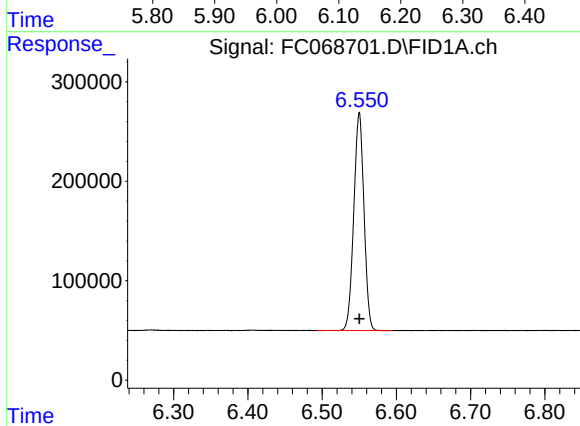
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 2114143
Conc: 20.07 ug/ml



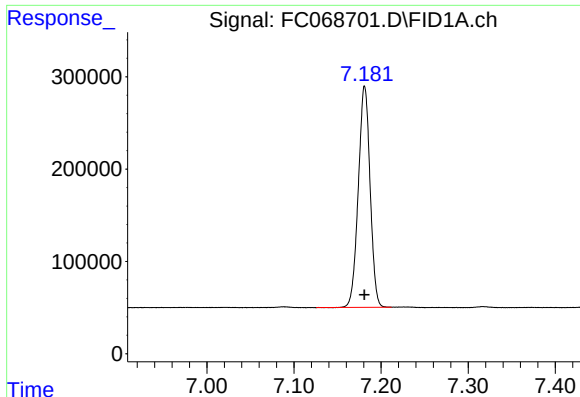
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 2314655
Conc: 19.87 ug/ml



#4 n-Dodecane (C12)

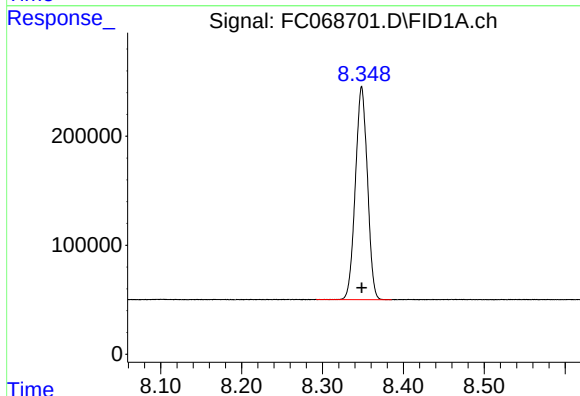
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2091275
Conc: 19.89 ug/ml



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

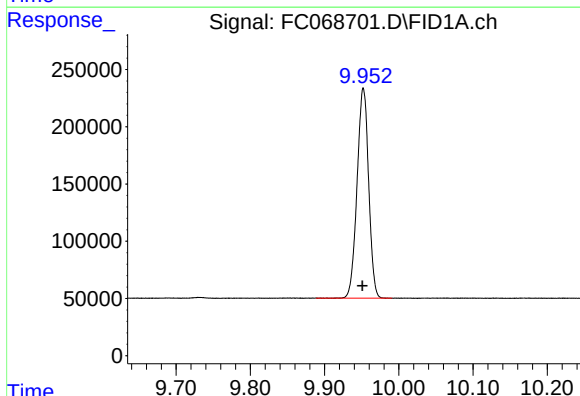
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 2250202
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



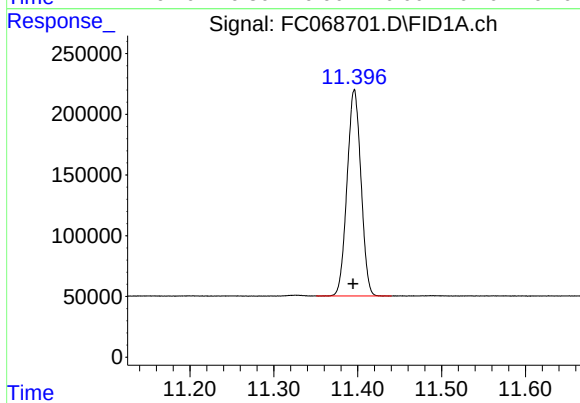
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 2019116
Conc: 19.64 ug/ml



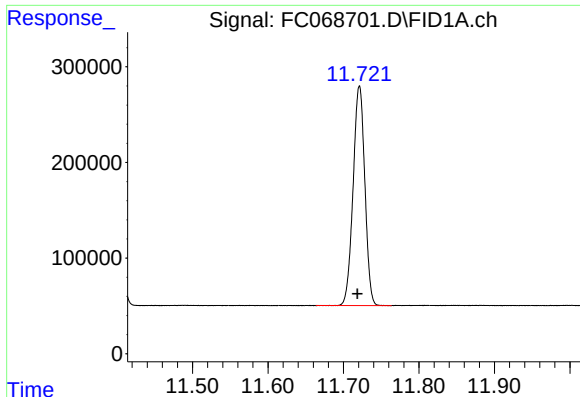
#7 n-Hexadecane (C16)

R.T.: 9.952 min
Delta R.T.: 0.001 min
Response: 1987702
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

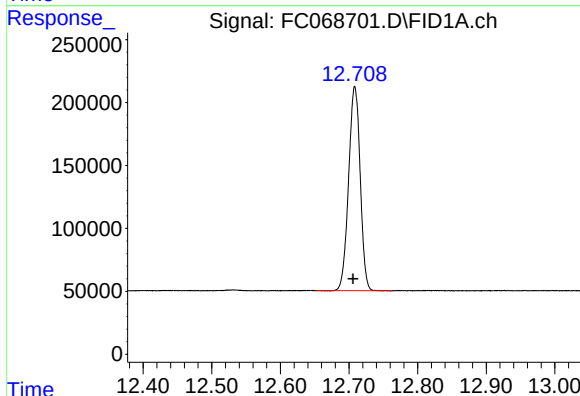
R.T.: 11.396 min
Delta R.T.: 0.001 min
Response: 1956124
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

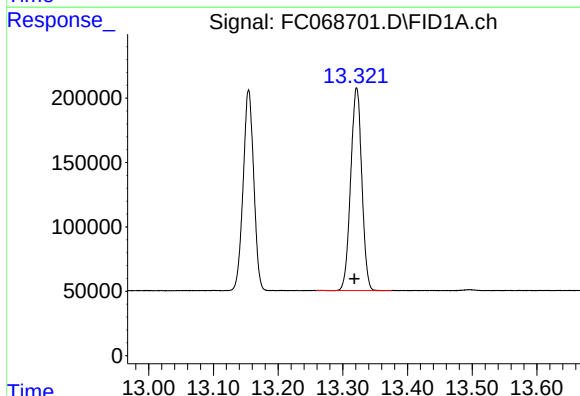
R.T.: 11.721 min
Delta R.T.: 0.002 min
Response: 2480829
Conc: 19.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



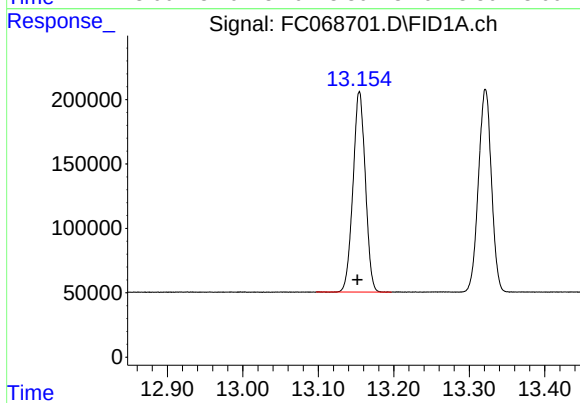
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.003 min
Response: 1905750
Conc: 19.38 ug/ml



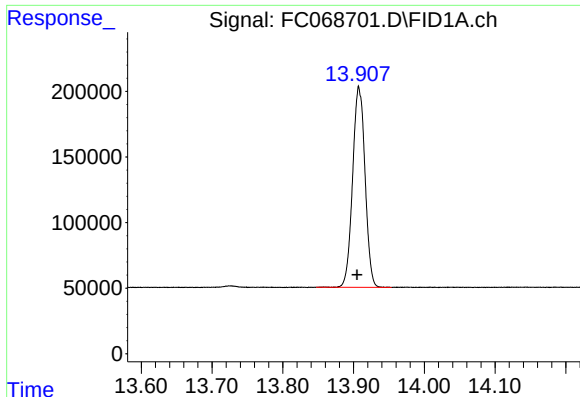
#11 n-Heneicosane (C21)

R.T.: 13.321 min
Delta R.T.: 0.004 min
Response: 1881575
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

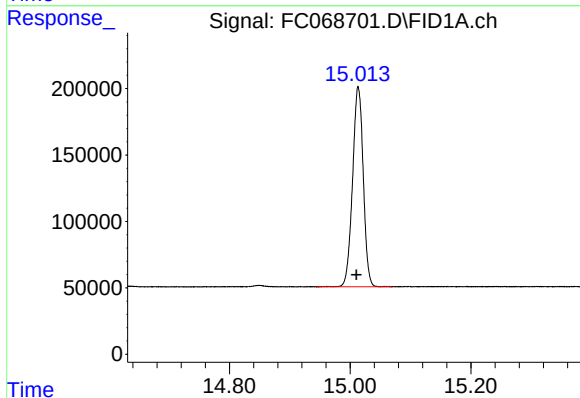
R.T.: 13.155 min
Delta R.T.: 0.003 min
Response: 1772802
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

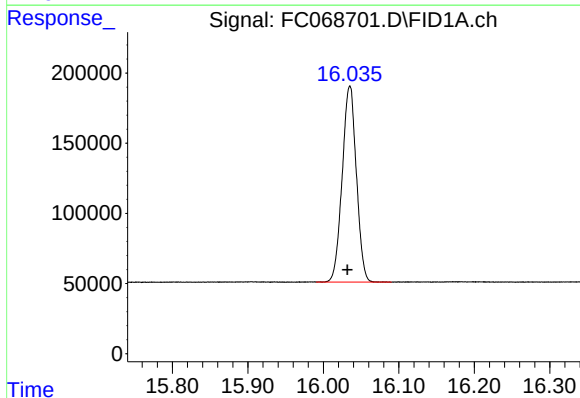
R.T.: 13.908 min
Delta R.T.: 0.003 min
Response: 1863973
Conc: 19.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



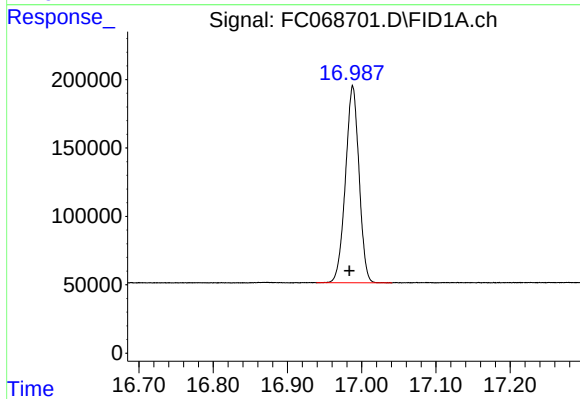
#14 n-Tetracosane (C24)

R.T.: 15.013 min
Delta R.T.: 0.003 min
Response: 1847484
Conc: 19.41 ug/ml



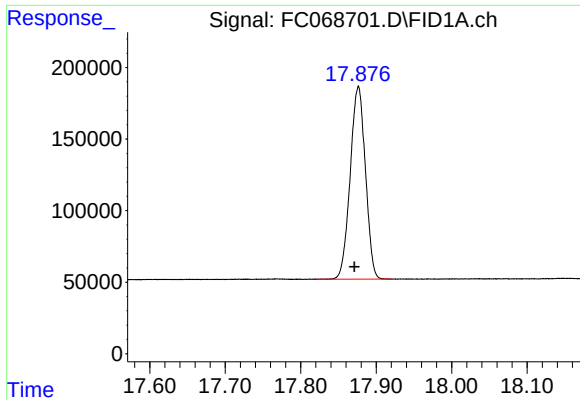
#15 n-Hexacosane (C26)

R.T.: 16.035 min
Delta R.T.: 0.003 min
Response: 1825422
Conc: 19.54 ug/ml



#16 n-Octacosane (C28)

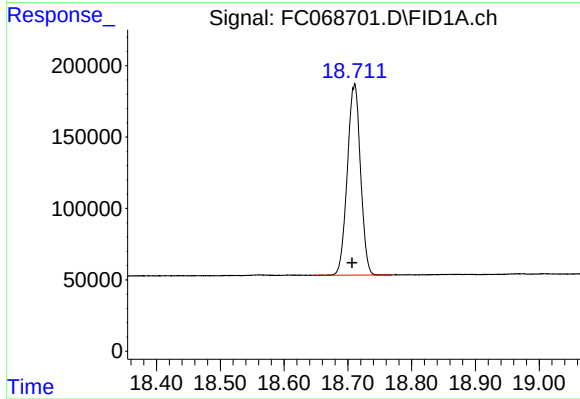
R.T.: 16.988 min
Delta R.T.: 0.004 min
Response: 1826663
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

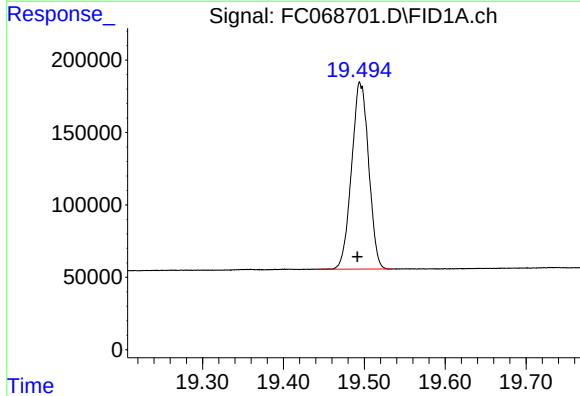
R.T.: 17.876 min
Delta R.T.: 0.005 min
Response: 1888180
Conc: 20.54 ug/ml

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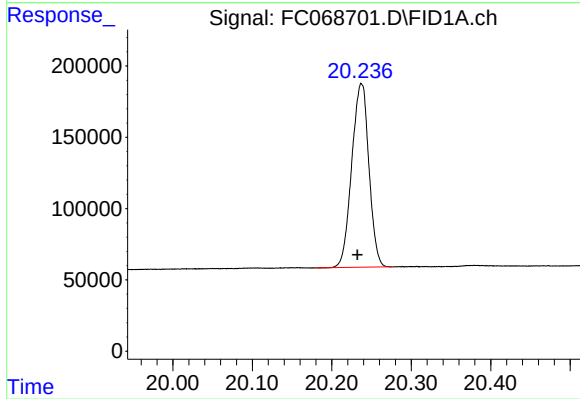
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: 0.004 min
Response: 1924068
Conc: 20.98 ug/ml



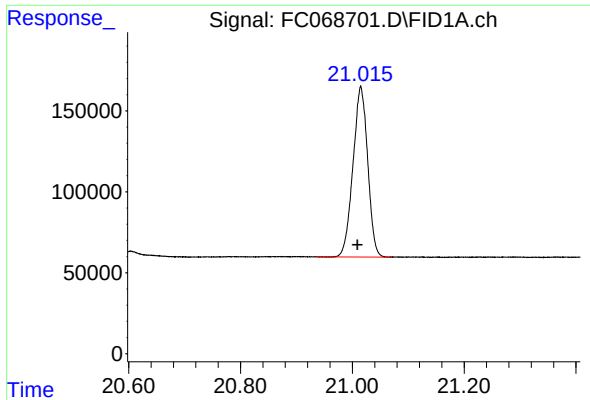
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.004 min
Response: 1893883
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

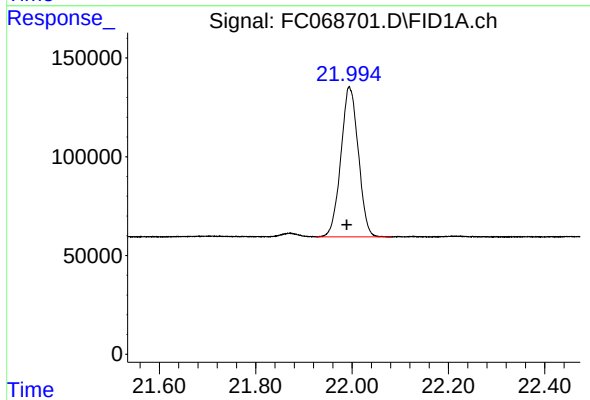
R.T.: 20.237 min
Delta R.T.: 0.005 min
Response: 1930584
Conc: 21.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.015 min
Delta R.T.: 0.006 min
Response: 1920674
Conc: 21.72 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: 0.006 min
Response: 1912467
Conc: 21.66 ug/ml