

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110719AL\
 Data File : FC044421.D
 Signal(s) : FID1A.CH
 Acq On : 08 Nov 2019 13:52
 Operator : DD\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: Nov 08 14:25:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.719	2385626	16.367 ug/ml
Spiked Amount 50.000		Recovery =	32.73%
12) S 1-chlorooctadecane (S...	13.149	1788196	15.993 ug/ml
Spiked Amount 50.000		Recovery =	31.99%
Target Compounds			
1) T n-Nonane (C9)	3.450	2323654	21.094 ug/ml
2) T n-Decane (C10)	4.526	2356859	21.219 ug/ml
3) T A~Naphthalene (C11.7)	6.127	2592457	20.836 ug/ml
4) T n-Dodecane (C12)	6.552	2374788	21.116 ug/ml
5) T A~2-methylnaphthalene...	7.185	2595378	20.581 ug/ml
6) T n-Tetradecane (C14)	8.348	2348749	20.760 ug/ml
7) T n-Hexadecane (C16)	9.949	2311164	20.227 ug/ml
8) T n-Octadecane (C18)	11.392	2242099	19.583 ug/ml
10) T n-Eicosane (C20)	12.702	2156810	18.911 ug/ml
11) T n-Heneicosane (C21)	13.315	2117316	18.459 ug/ml
13) T n-Docosane (C22)	13.902	2086691	18.376 ug/ml
14) T n-Tetracosane (C24)	15.006	2057624	18.196 ug/ml
15) T n-Hexacosane (C26)	16.027	2027249	18.323 ug/ml
16) T n-Octacosane (C28)	16.979	2025684	18.700 ug/ml
17) T n-Tricontane (C30)	17.868	2033080	19.210 ug/ml
18) T n-Dotriacontane (C32)	18.701	1988836	19.748 ug/ml
19) T n-Tetratriacontane (C34)	19.489	1938055	20.669 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1874610	21.594 ug/ml
21) T n-Octatriacontane (C38)	20.998	1785846	22.146 ug/ml
22) T n-Tetracontane (C40)	21.966	1819416	21.524 ug/ml

(f)=RT Delta > 1/2 Window

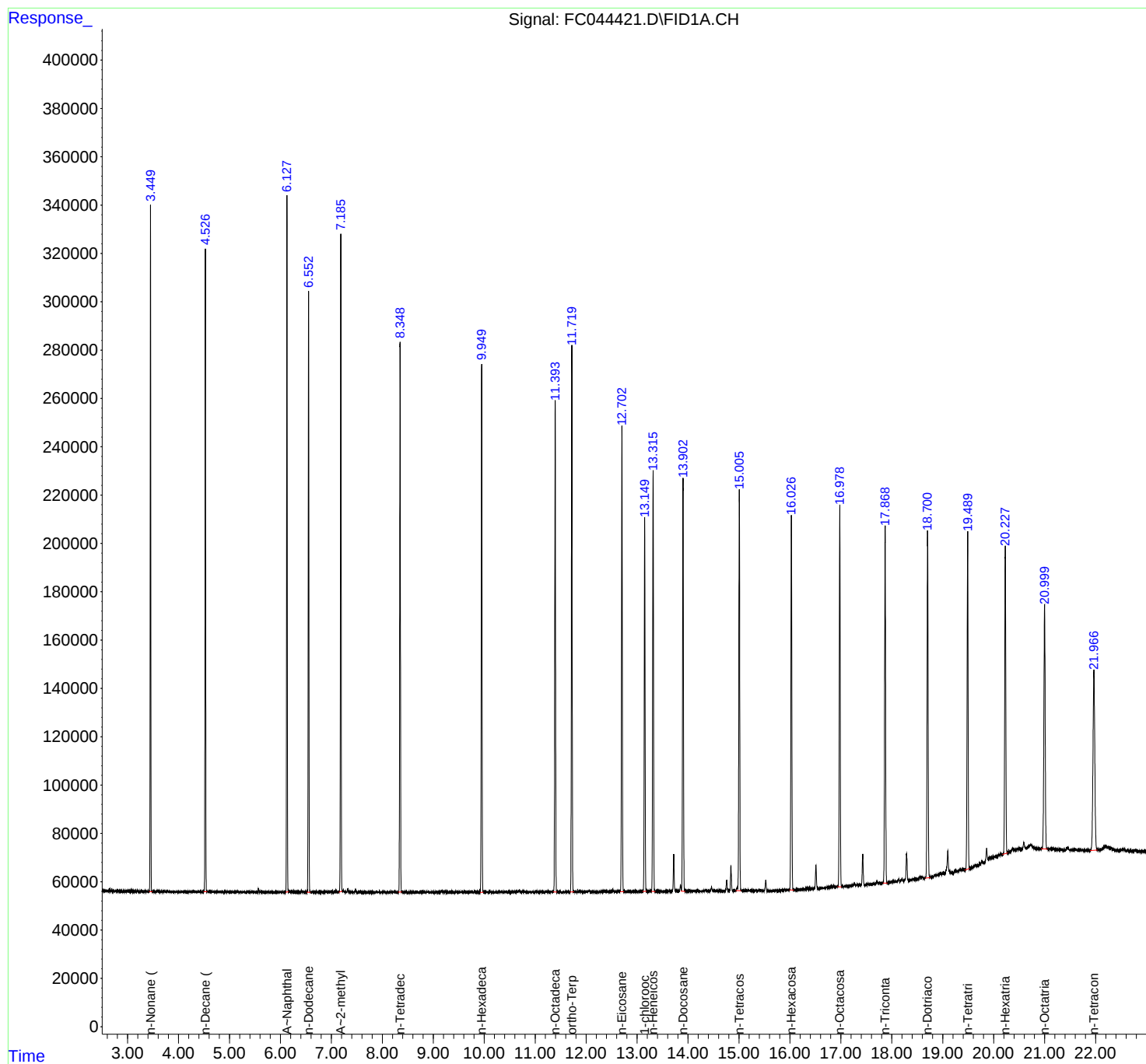
(m)=manual int.

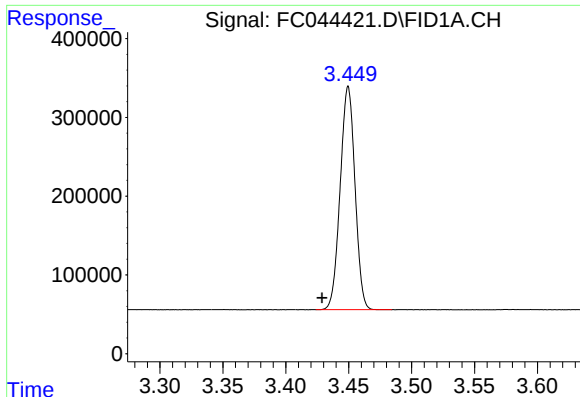
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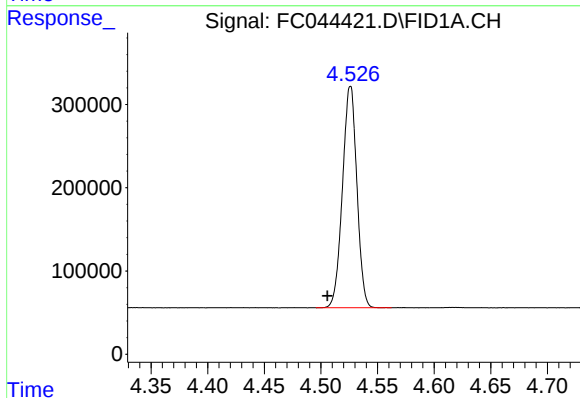




#1 n-Nonane (C9)

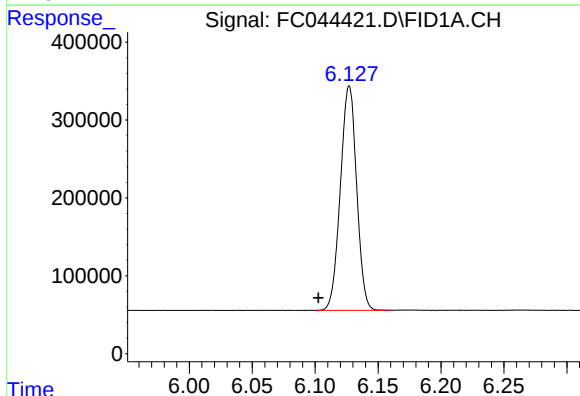
R.T.: 3.450 min
Delta R.T.: 0.021 min
Response: 2323654
Conc: 21.09 ug/ml

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20 PPM ALIPHATIC HC STD



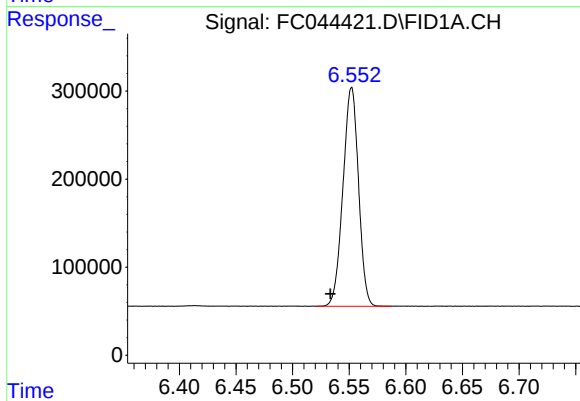
#2 n-Decane (C10)

R.T.: 4.526 min
Delta R.T.: 0.020 min
Response: 2356859
Conc: 21.22 ug/ml



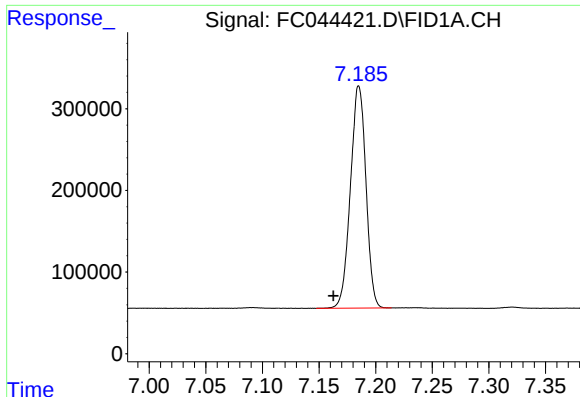
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min
Delta R.T.: 0.025 min
Response: 2592457
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

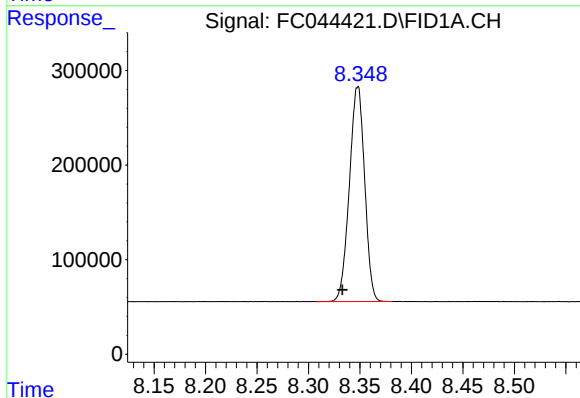
R.T.: 6.552 min
Delta R.T.: 0.019 min
Response: 2374788
Conc: 21.12 ug/ml



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

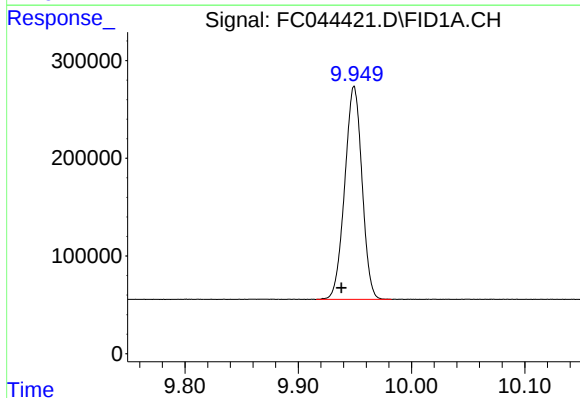
R.T.: 7.185 min
Delta R.T.: 0.023 min
Response: 2595378
Conc: 20.58 ug/ml

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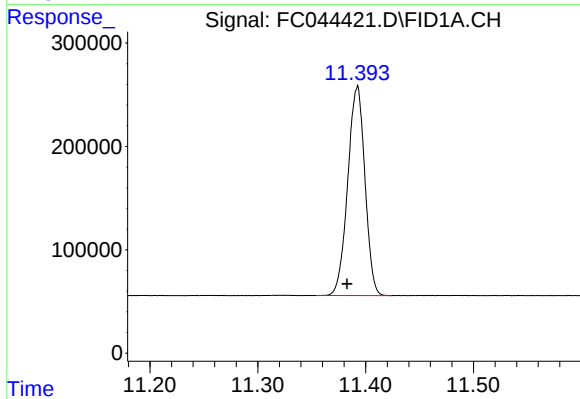
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.015 min
Response: 2348749
Conc: 20.76 ug/ml



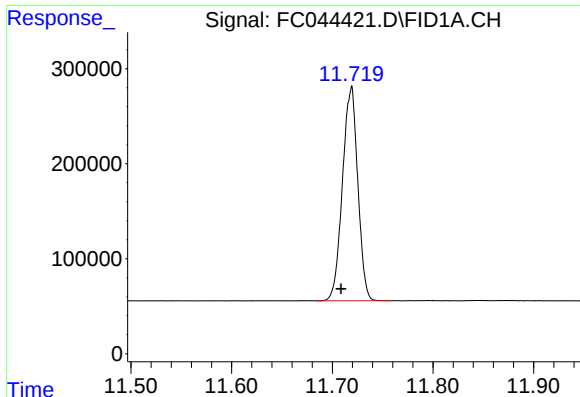
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: 0.011 min
Response: 2311164
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

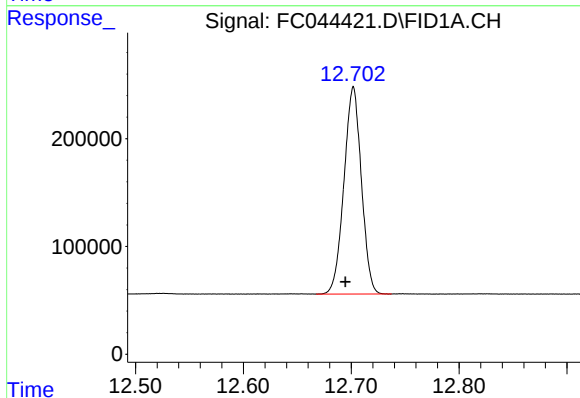
R.T.: 11.392 min
Delta R.T.: 0.010 min
Response: 2242099
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

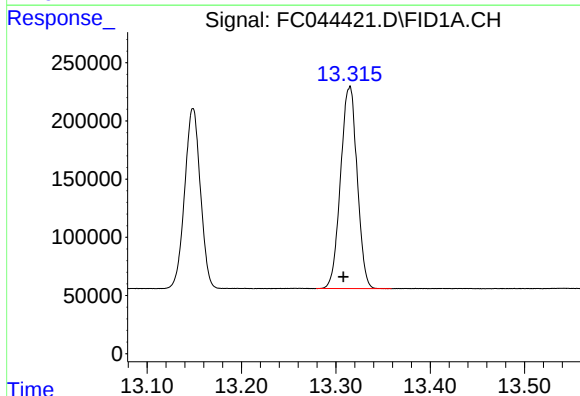
R.T.: 11.719 min
Delta R.T.: 0.010 min
Response: 2385626
Conc: 16.37 ug/ml

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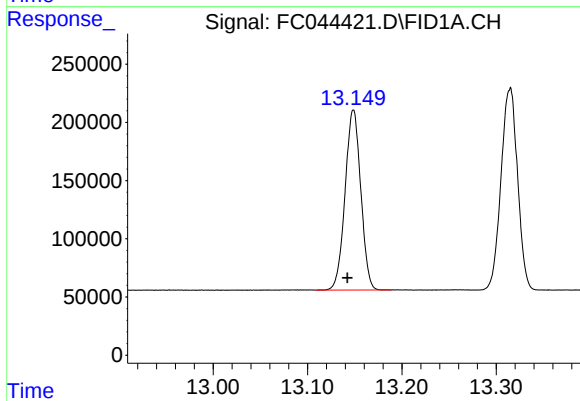
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: 0.007 min
Response: 2156810
Conc: 18.91 ug/ml



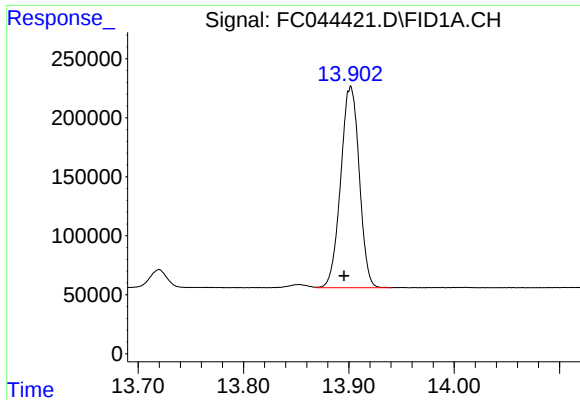
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.007 min
Response: 2117316
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

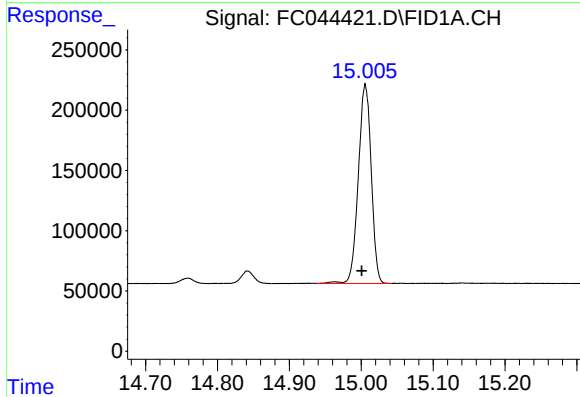
R.T.: 13.149 min
Delta R.T.: 0.006 min
Response: 1788196
Conc: 15.99 ug/ml



#13 n-Docosane (C22)

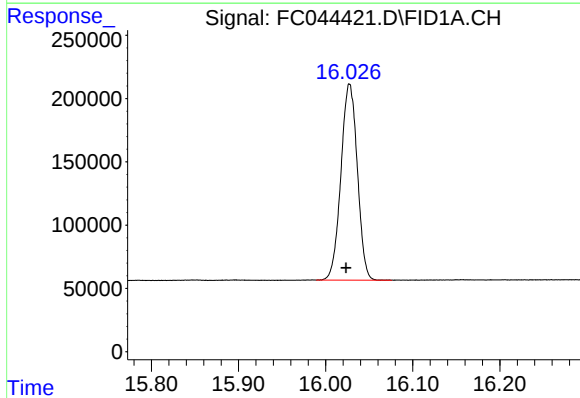
R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 2086691
Conc: 18.38 ug/ml

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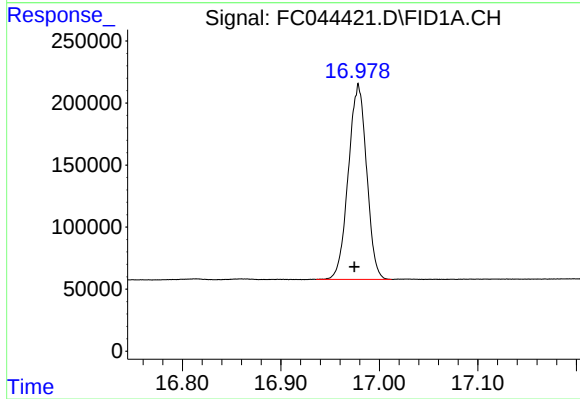
#14 n-Tetracosane (C24)

R.T.: 15.006 min
Delta R.T.: 0.005 min
Response: 2057624
Conc: 18.20 ug/ml



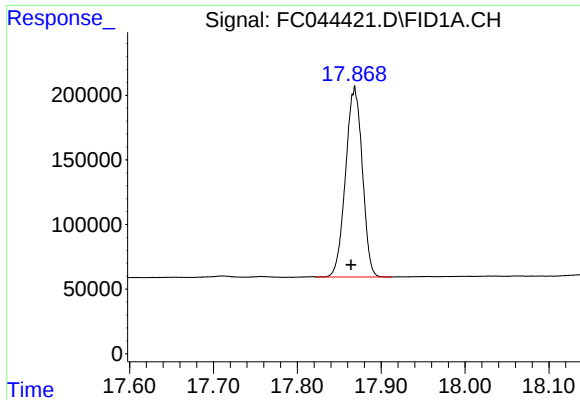
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: 0.004 min
Response: 2027249
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

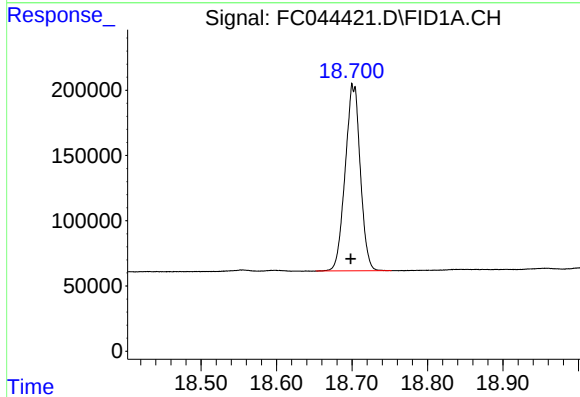
R.T.: 16.979 min
Delta R.T.: 0.004 min
Response: 2025684
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

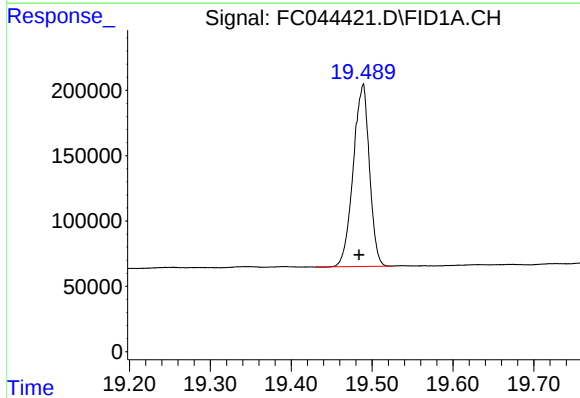
R.T.: 17.868 min
Delta R.T.: 0.004 min
Response: 2033080
Conc: 19.21 ug/ml

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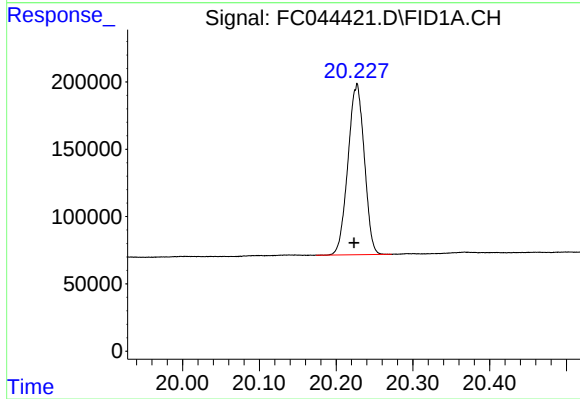
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: 0.003 min
Response: 1988836
Conc: 19.75 ug/ml



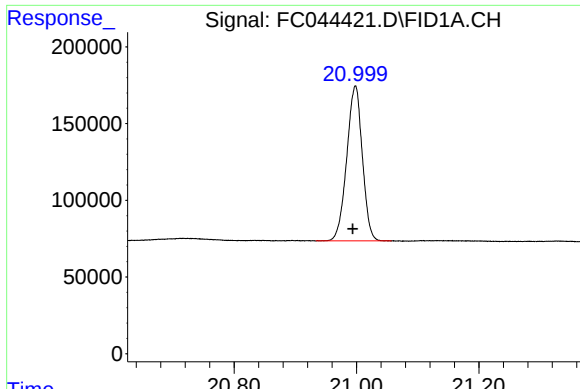
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min
Delta R.T.: 0.005 min
Response: 1938055
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

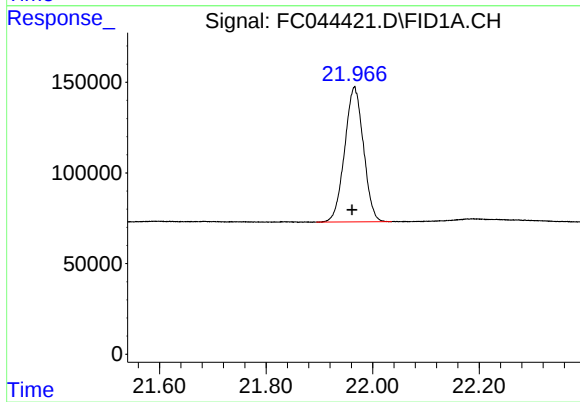
R.T.: 20.227 min
Delta R.T.: 0.004 min
Response: 1874610
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: 0.004 min
Response: 1785846
Conc: 22.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: 0.004 min
Response: 1819416
Conc: 21.52 ug/ml