

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073124AL\
 Data File : FE049322.D
 Signal(s) : FID1B.ch
 Acq On : 31 Jul 2024 08:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 31 10:49:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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

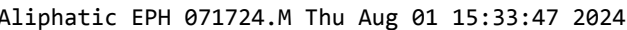
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.907	2890120	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.343	2226073	19.053 ug/ml
Spiked Amount 50.000		Recovery =	38.11%
Target Compounds			
1) T n-Nonane (C9)	3.293	2639724	17.553 ug/ml
2) T n-Decane (C10)	4.543	2774839	17.966 ug/ml
3) T A~Naphthalene (C11.7)	6.251	2826772	18.143 ug/ml
4) T n-Dodecane (C12)	6.711	2761917	17.937 ug/ml
5) T A~2-methylnaphthalene...	7.348	2671111	18.354 ug/ml
6) T n-Tetradecane (C14)	8.538	2749763	18.117 ug/ml
7) T n-Hexadecane (C16)	10.146	2809276	18.524 ug/ml
8) T n-Octadecane (C18)	11.589	2835582	18.676 ug/ml
10) T n-Eicosane (C20)	12.897	2709248	18.735 ug/ml
11) T n-Heneicosane (C21)	13.509	2664078	18.786 ug/ml
13) T n-Docosane (C22)	14.095	2661843	18.946 ug/ml
14) T n-Tetracosane (C24)	15.197	2691790	19.206 ug/ml
15) T n-Hexacosane (C26)	16.218	2710282	19.329 ug/ml
16) T n-Octacosane (C28)	17.167	2851221	20.371 ug/ml
17) T n-Tricontane (C30)	18.054	3278326	22.474 ug/ml
18) T n-Dotriacontane (C32)	18.886	3417258	23.241 ug/ml
19) T n-Tetratriacontane (C34)	19.669	3305904	22.632 ug/ml
20) T n-Hexatriacontane (C36)	20.409	3176273	22.033 ug/ml
21) T n-Octatriacontane (C38)	21.141	3118055	20.830 ug/ml
22) T n-Tetracontane (C40)	22.044	3087933	20.463 ug/ml

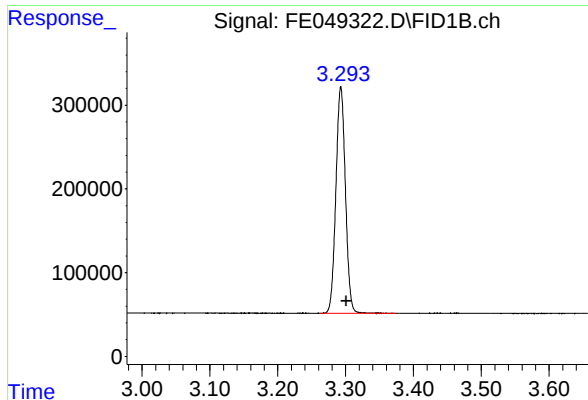
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

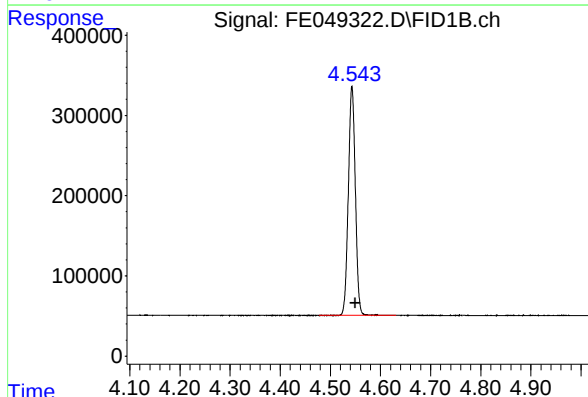




#1 n-Nonane (C9)

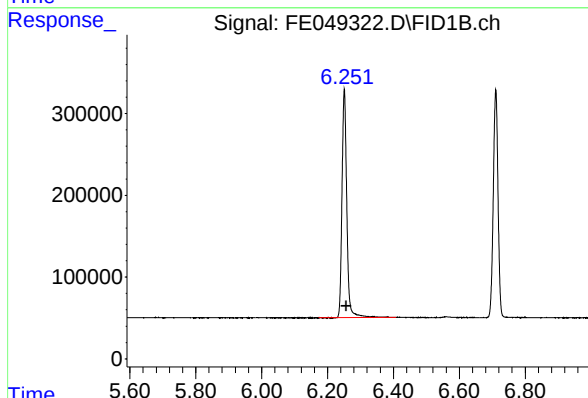
R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 2639724
Conc: 17.55 ug/ml

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20 PPM ALIPHATIC HC STD



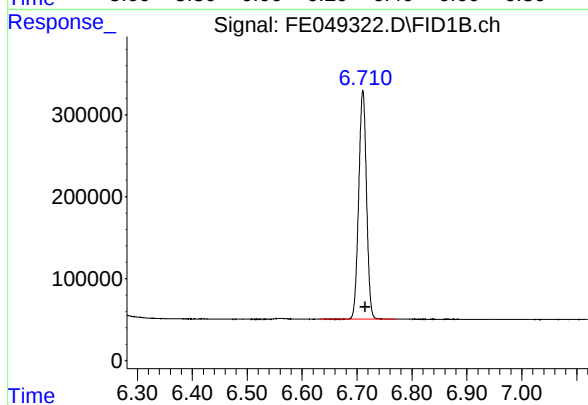
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 2774839
Conc: 17.97 ug/ml



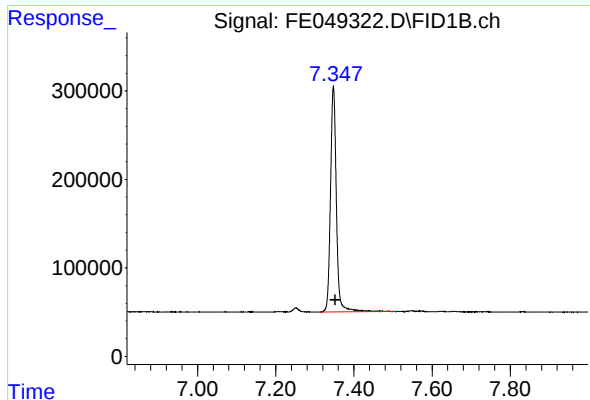
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 2826772
Conc: 18.14 ug/ml



#4 n-Dodecane (C12)

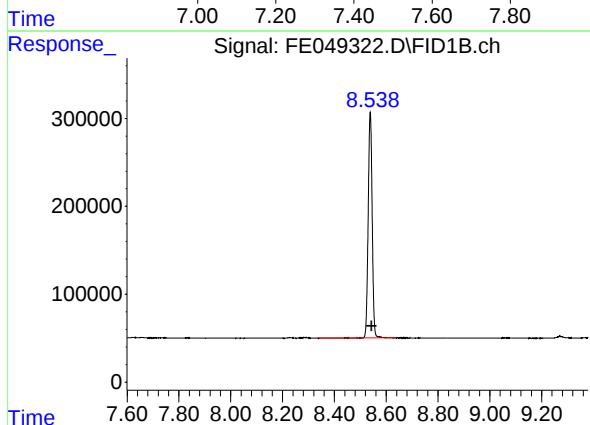
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 2761917
Conc: 17.94 ug/ml



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

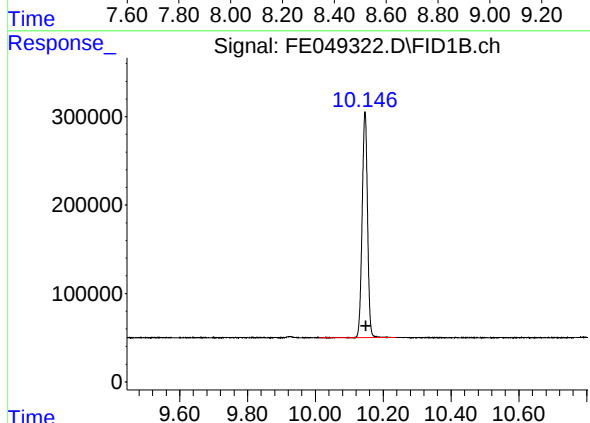
R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 2671111
Conc: 18.35 ug/ml

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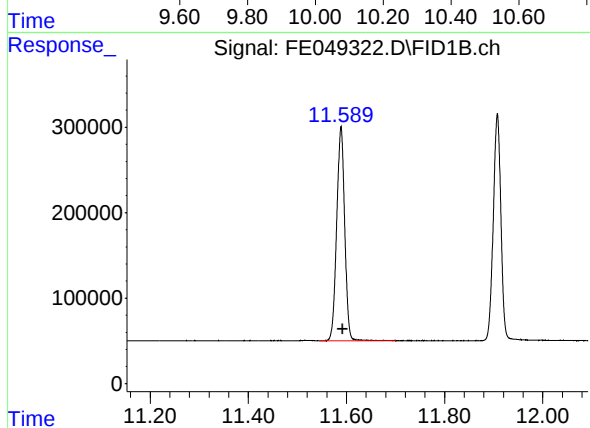
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: -0.005 min
Response: 2749763
Conc: 18.12 ug/ml



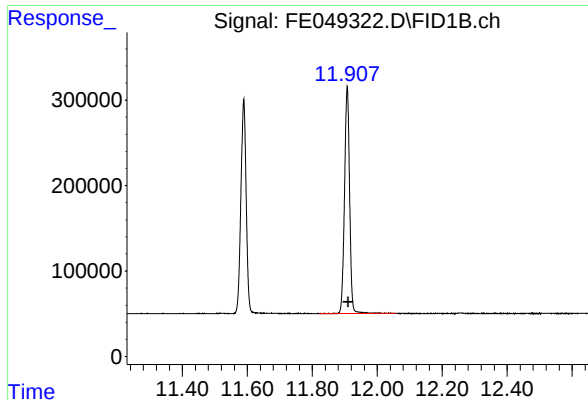
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.003 min
Response: 2809276
Conc: 18.52 ug/ml



#8 n-Octadecane (C18)

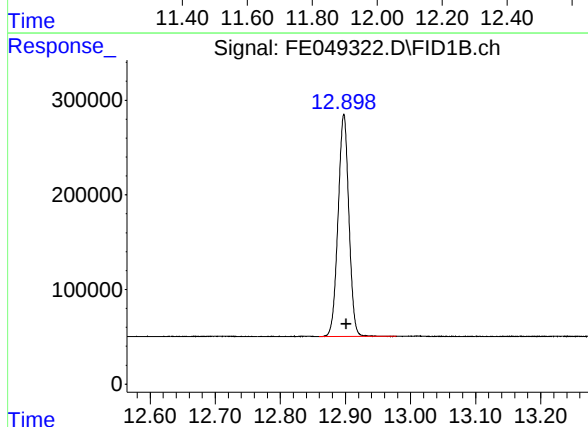
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2835582
Conc: 18.68 ug/ml



#9 ortho-Terphenyl (SURR)

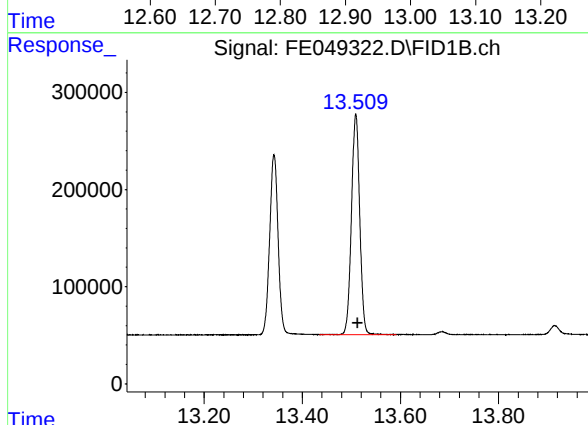
R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 2890120
Conc: 18.63 ug/ml

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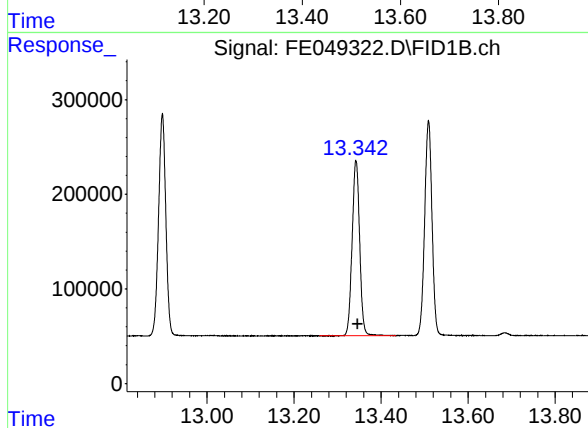
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 2709248
Conc: 18.74 ug/ml



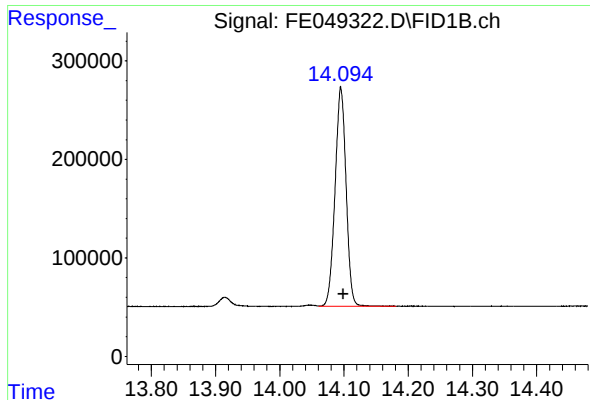
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2664078
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

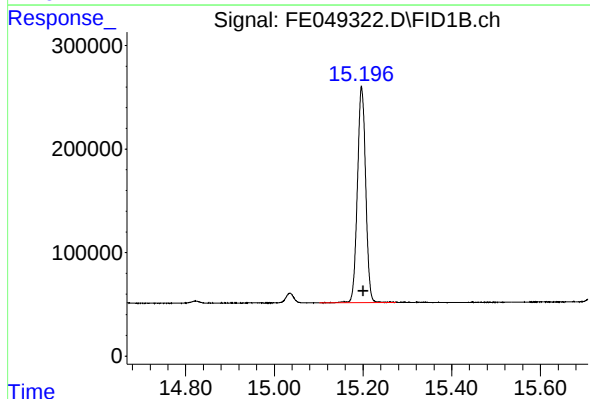
R.T.: 13.343 min
Delta R.T.: -0.004 min
Response: 2226073
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

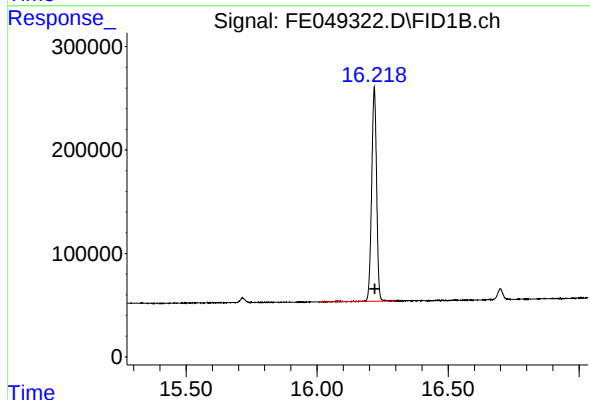
R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 2661843
Conc: 18.95 ug/ml

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20 PPM ALIPHATIC HC STD



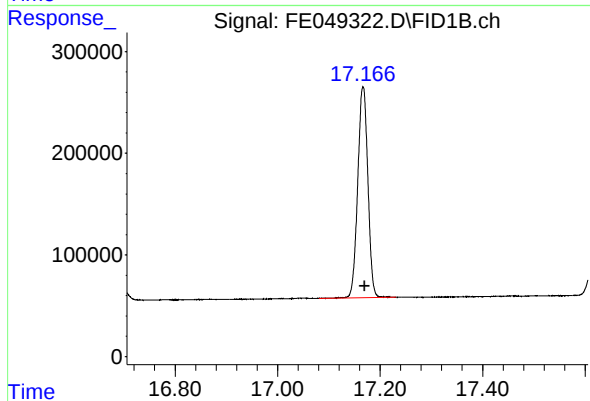
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.003 min
Response: 2691790
Conc: 19.21 ug/ml



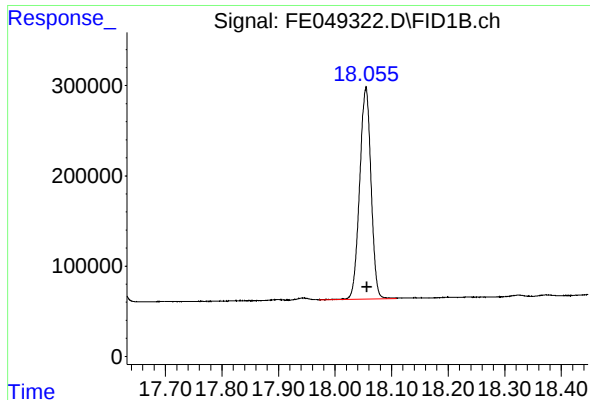
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.003 min
Response: 2710282
Conc: 19.33 ug/ml



#16 n-Octacosane (C28)

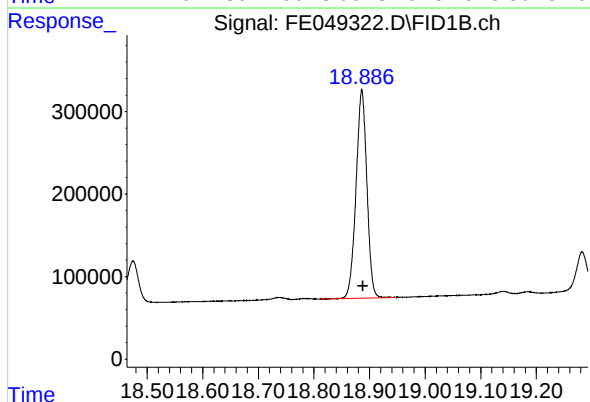
R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 2851221
Conc: 20.37 ug/ml



#17 n-Tricontane (C30)

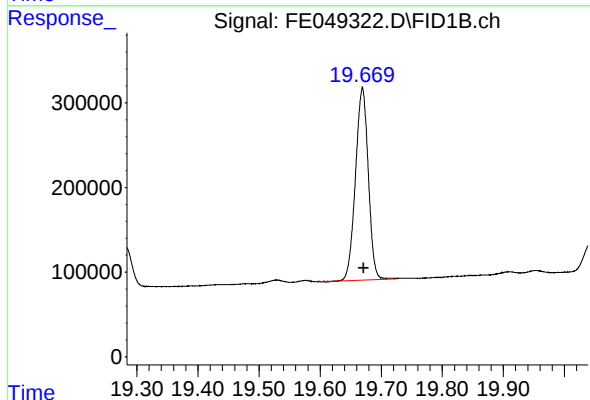
R.T.: 18.054 min
Delta R.T.: -0.002 min
Response: 3278326
Conc: 22.47 ug/ml

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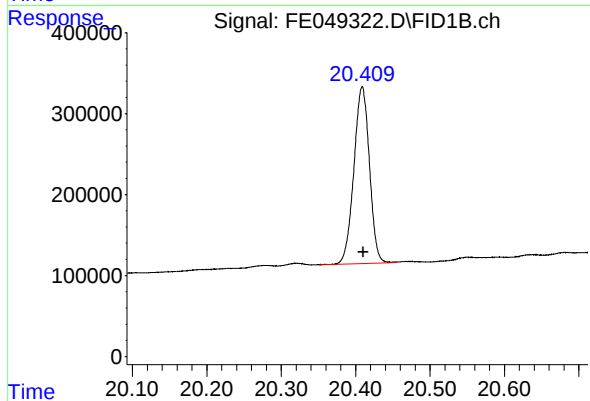
#18 n-Dotriacontane (C32)

R.T.: 18.886 min
Delta R.T.: -0.002 min
Response: 3417258
Conc: 23.24 ug/ml



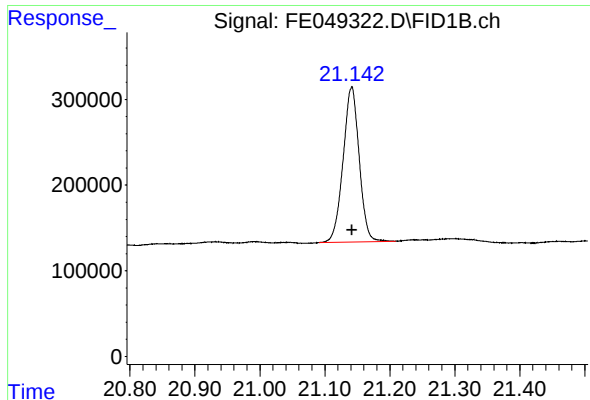
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.002 min
Response: 3305904
Conc: 22.63 ug/ml



#20 n-Hexatriacontane (C36)

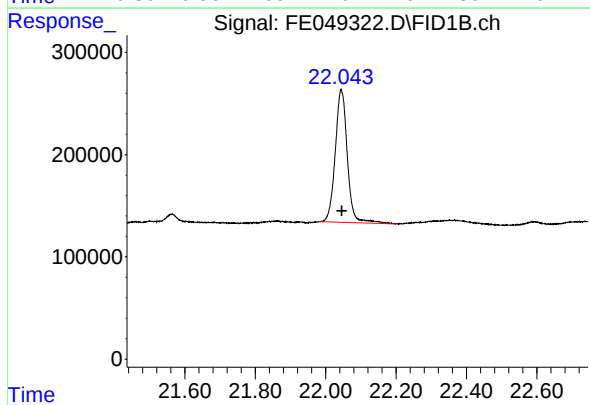
R.T.: 20.409 min
Delta R.T.: -0.002 min
Response: 3176273
Conc: 22.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: 0.000 min
Response: 3118055
Conc: 20.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.003 min
Response: 3087933
Conc: 20.46 ug/ml