

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054089.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 09:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 30 22:52:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.850	2774568	17.073 ug/ml
Spiked Amount 50.000		Recovery =	34.15%
12) S 1-chlorooctadecane (S...	13.295	2096185	17.682 ug/ml
Spiked Amount 50.000		Recovery =	35.36%
Target Compounds			
1) T n-Nonane (C9)	3.191	2010655	14.877 ug/ml
2) T n-Decane (C10)	4.455	2068467	15.307 ug/ml
3) T A~Naphthalene (C11.7)	6.173	2317044	16.123 ug/ml
4) T n-Dodecane (C12)	6.637	2148585	15.751 ug/ml
5) T A~2-methylnaphthalene...	7.276	2260958	16.300 ug/ml
6) T n-Tetradecane (C14)	8.473	2196927	16.280 ug/ml
7) T n-Hexadecane (C16)	10.086	2259911	16.748 ug/ml
8) T n-Octadecane (C18)	11.534	2290842	17.012 ug/ml
10) T n-Eicosane (C20)	12.848	2268488	17.260 ug/ml
11) T n-Heneicosane (C21)	13.462	2239968	17.278 ug/ml
13) T n-Docosane (C22)	14.050	2240921	17.565 ug/ml
14) T n-Tetracosane (C24)	15.157	2237573	17.884 ug/ml
15) T n-Hexacosane (C26)	16.181	2196243	17.936 ug/ml
16) T n-Octacosane (C28)	17.133	2168896	17.842 ug/ml
17) T n-Tricontane (C30)	18.023	2272766	18.246 ug/ml
18) T n-Dotriacontane (C32)	18.858	2289920	18.311 ug/ml
19) T n-Tetratriacontane (C34)	19.643	2376072	19.947 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2466925	21.306 ug/ml
21) T n-Octatriacontane (C38)	21.117	2460816	22.612 ug/ml
22) T n-Tetracontane (C40)	22.018	3048900	30.725 ug/ml

(f)=RT Delta > 1/2 Window

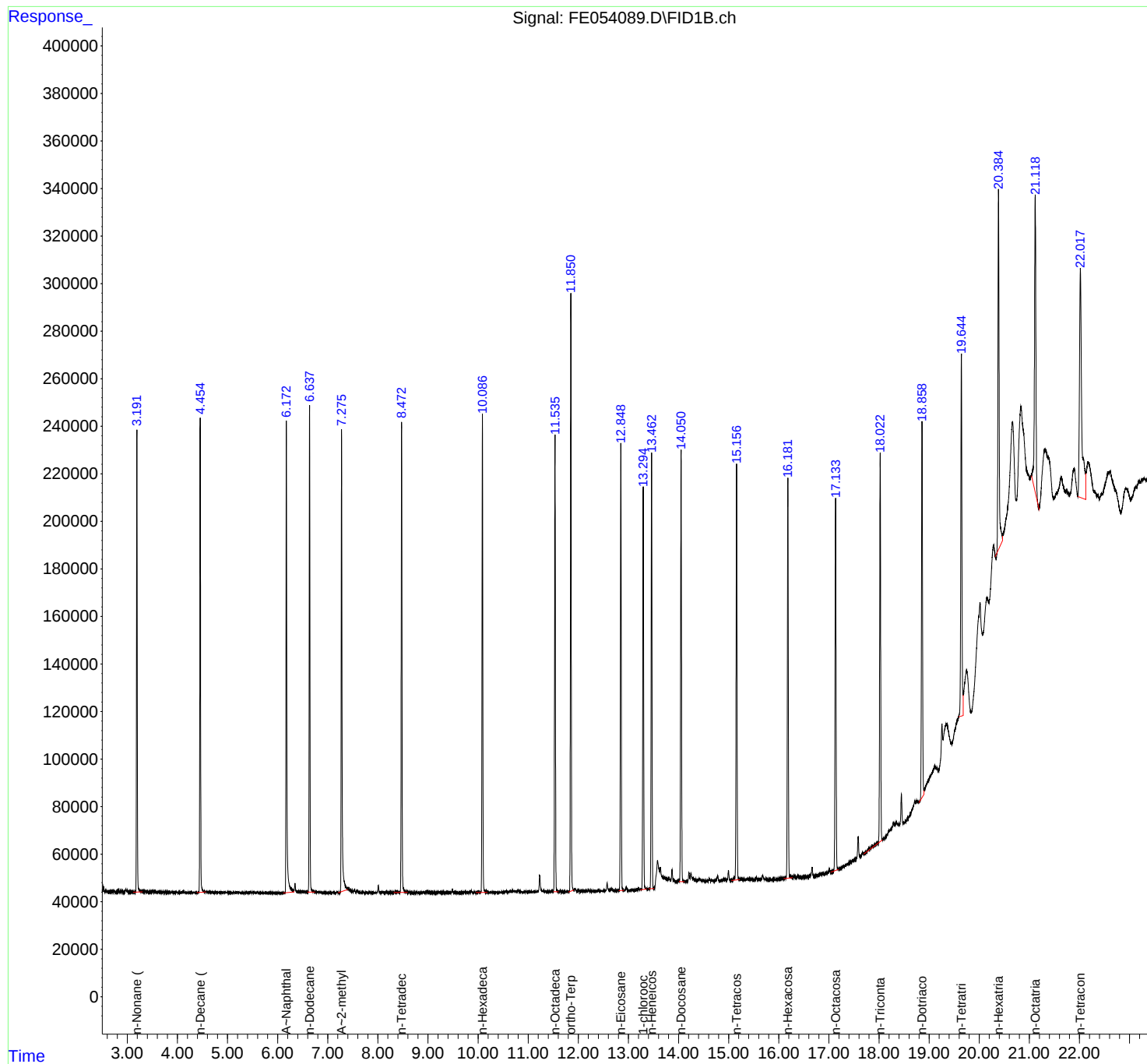
(m)=manual int.

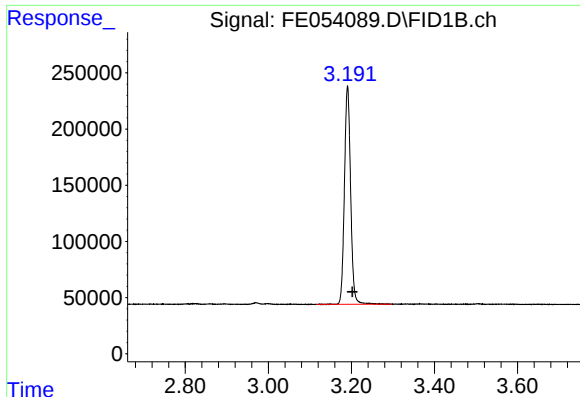
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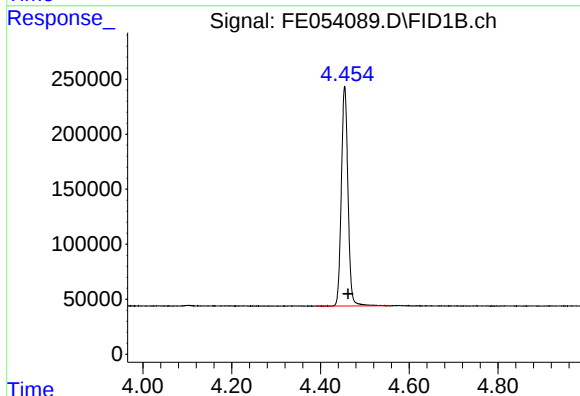




#1 n-Nonane (C9)

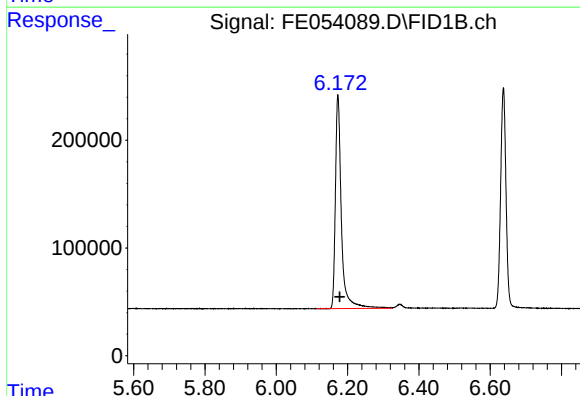
R.T.: 3.191 min
Delta R.T.: -0.011 min
Response: 2010655
Conc: 14.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



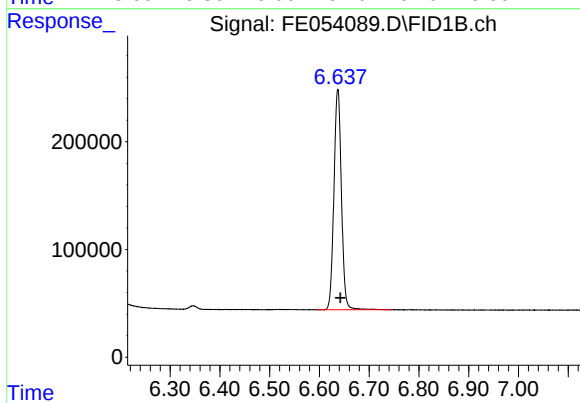
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 2068467
Conc: 15.31 ug/ml



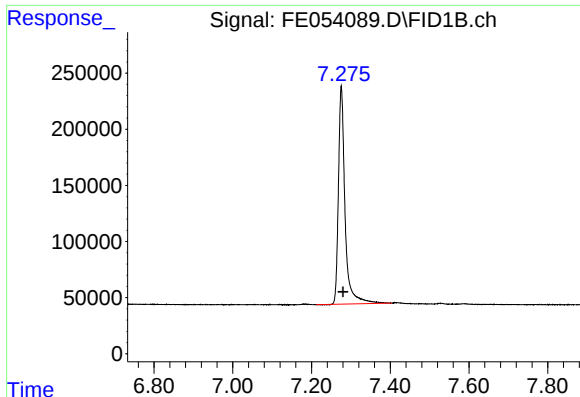
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.005 min
Response: 2317044
Conc: 16.12 ug/ml



#4 n-Dodecane (C12)

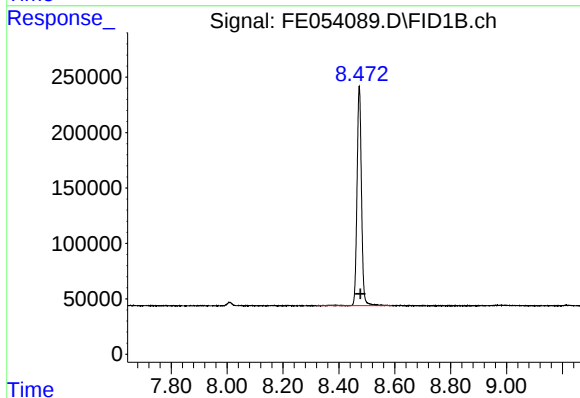
R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 2148585
Conc: 15.75 ug/ml



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

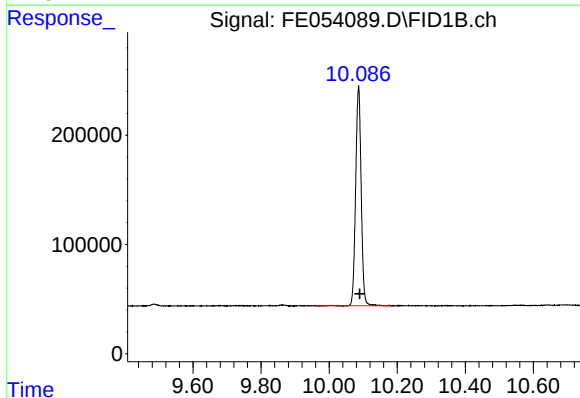
R.T.: 7.276 min
Delta R.T.: -0.004 min
Response: 2260958
Conc: 16.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



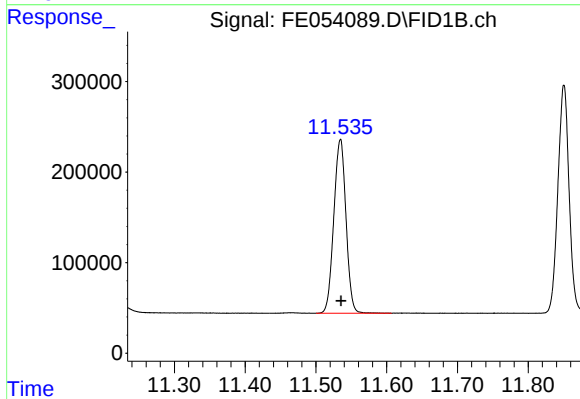
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 2196927
Conc: 16.28 ug/ml



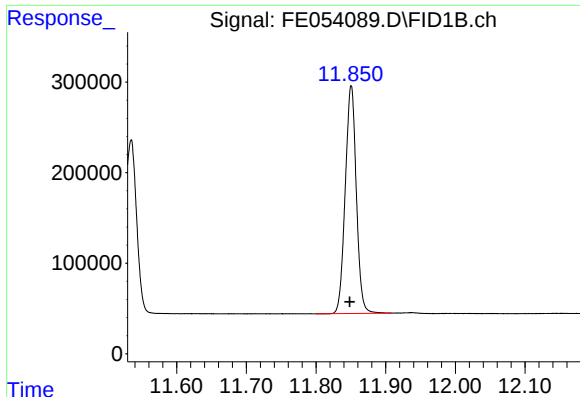
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.003 min
Response: 2259911
Conc: 16.75 ug/ml



#8 n-Octadecane (C18)

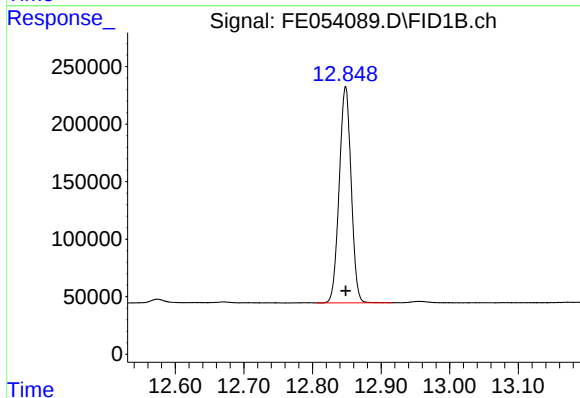
R.T.: 11.534 min
Delta R.T.: -0.001 min
Response: 2290842
Conc: 17.01 ug/ml



#9 ortho-Terphenyl (SURR)

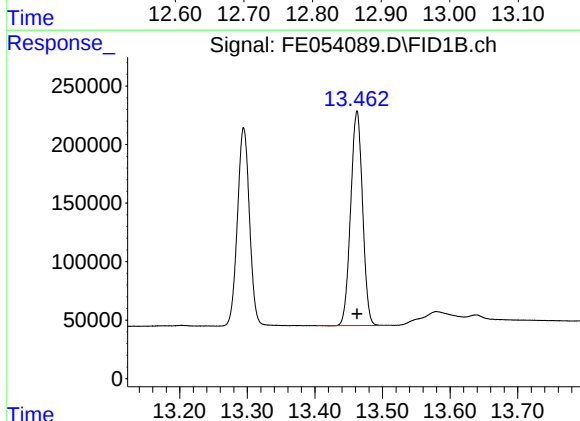
R.T.: 11.850 min
Delta R.T.: 0.002 min
Response: 2774568
Conc: 17.07 ug/ml

Instrument :
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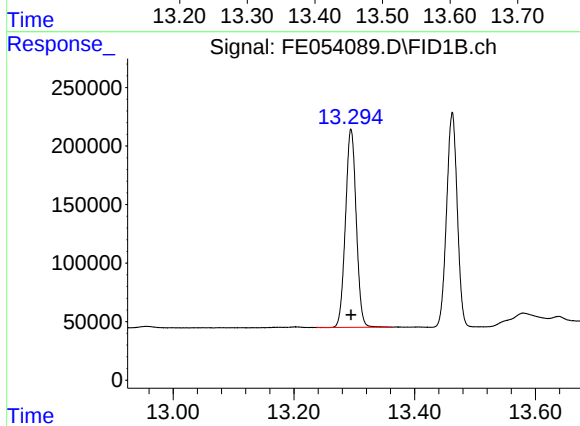
#10 n-Eicosane (C20)

R.T.: 12.848 min
Delta R.T.: 0.000 min
Response: 2268488
Conc: 17.26 ug/ml



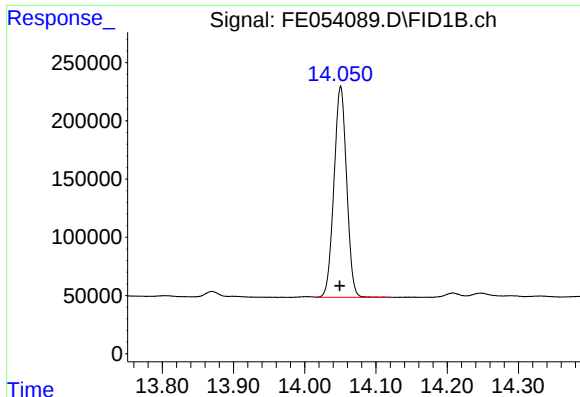
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.000 min
Response: 2239968
Conc: 17.28 ug/ml



#12 1-chlorooctadecane (SURR)

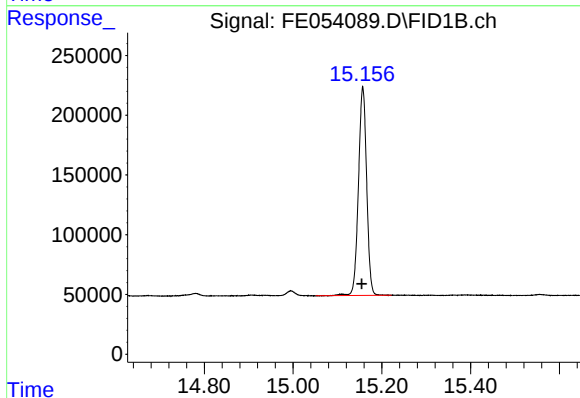
R.T.: 13.295 min
Delta R.T.: 0.000 min
Response: 2096185
Conc: 17.68 ug/ml



#13 n-Docosane (C22)

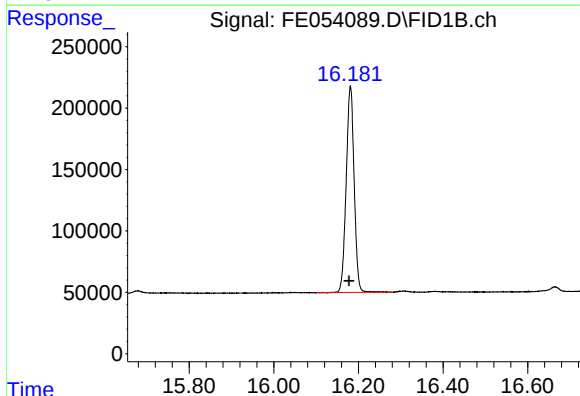
R.T.: 14.050 min
Delta R.T.: 0.001 min
Response: 2240921
Conc: 17.57 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



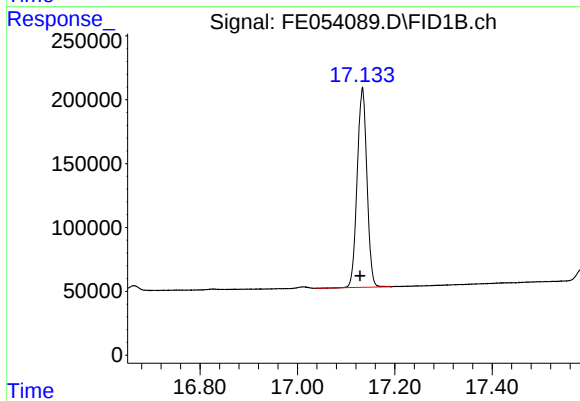
#14 n-Tetracosane (C24)

R.T.: 15.157 min
Delta R.T.: 0.002 min
Response: 2237573
Conc: 17.88 ug/ml



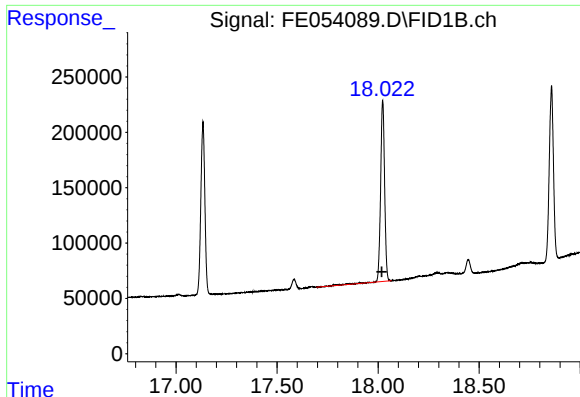
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.003 min
Response: 2196243
Conc: 17.94 ug/ml



#16 n-Octacosane (C28)

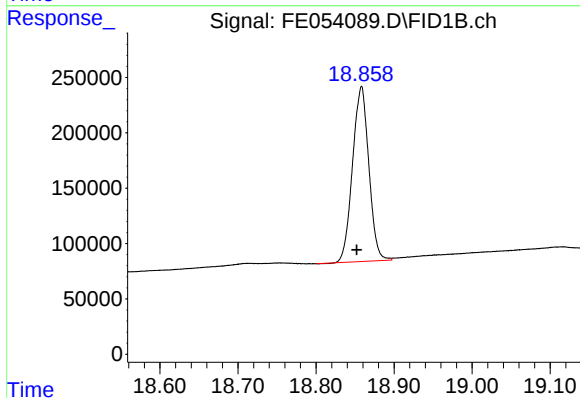
R.T.: 17.133 min
Delta R.T.: 0.005 min
Response: 2168896
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

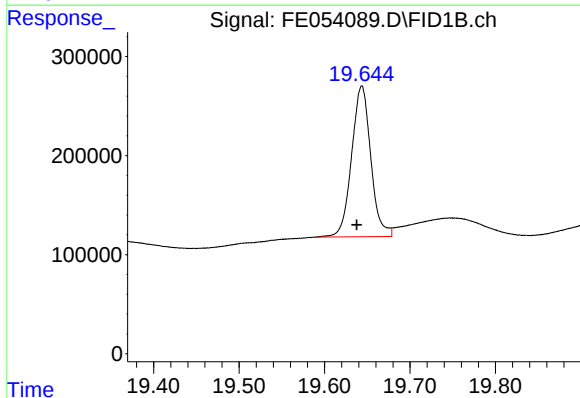
R.T.: 18.023 min
Delta R.T.: 0.005 min
Response: 2272766
Conc: 18.25 ug/ml

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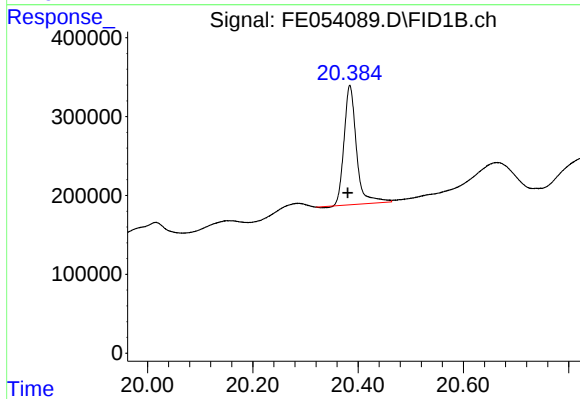
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.006 min
Response: 2289920
Conc: 18.31 ug/ml



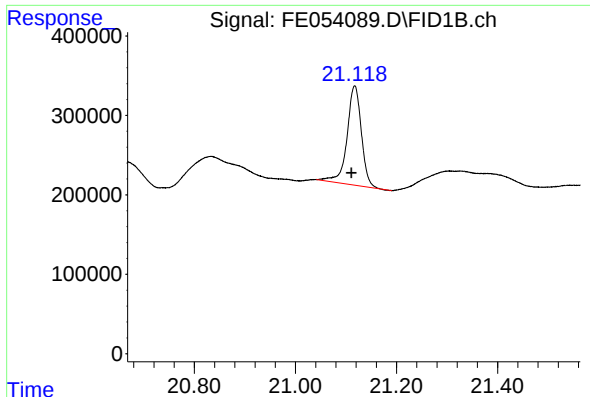
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.006 min
Response: 2376072
Conc: 19.95 ug/ml



#20 n-Hexatriacontane (C36)

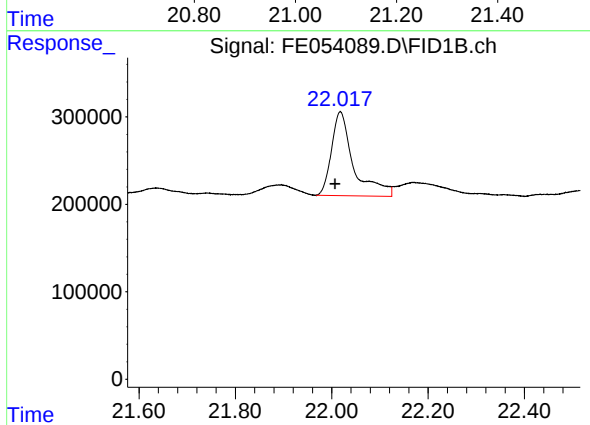
R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 2466925
Conc: 21.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: 0.006 min
Response: 2460816
Conc: 22.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: 0.011 min
Response: 3048900
Conc: 30.73 ug/ml