

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121922AL\
 Data File : FE039374.D
 Signal(s) : FID1B.ch
 Acq On : 19 Dec 2022 10:00
 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: Dec 19 14:15:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:09:52 2022
 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)	11.938	3107276	20.822 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
12) S 1-chlorooctadecane (S...	13.373	2361323	20.516 ug/ml
Spiked Amount 50.000		Recovery =	41.03%
Target Compounds			
1) T n-Nonane (C9)	3.329	2565277	19.846 ug/ml
2) T n-Decane (C10)	4.580	2580677	20.253 ug/ml
3) T A~Naphthalene (C11.7)	6.284	2970925	20.552 ug/ml
4) T n-Dodecane (C12)	6.744	2619681	20.179 ug/ml
5) T A~2-methylnaphthalene...	7.379	2803889	20.703 ug/ml
6) T n-Tetradecane (C14)	8.570	2686459	20.273 ug/ml
7) T n-Hexadecane (C16)	10.176	2804205	20.383 ug/ml
8) T n-Octadecane (C18)	11.619	2878632	20.553 ug/ml
10) T n-Eicosane (C20)	12.928	2812105	20.600 ug/ml
11) T n-Heneicosane (C21)	13.539	2817485	20.657 ug/ml
13) T n-Docosane (C22)	14.127	2785554	20.592 ug/ml
14) T n-Tetracosane (C24)	15.230	2738613	20.401 ug/ml
15) T n-Hexacosane (C26)	16.250	2663786	20.458 ug/ml
16) T n-Octacosane (C28)	17.200	2678628	20.813 ug/ml
17) T n-Tricontane (C30)	18.088	2761866	21.451 ug/ml
18) T n-Dotriacontane (C32)	18.922	2836551	21.904 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2689317	21.316 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2529782	20.922 ug/ml
21) T n-Octatriacontane (C38)	21.185	2426715	19.650 ug/ml
22) T n-Tetracontane (C40)	22.101	2309332	18.389 ug/ml

(f)=RT Delta > 1/2 Window

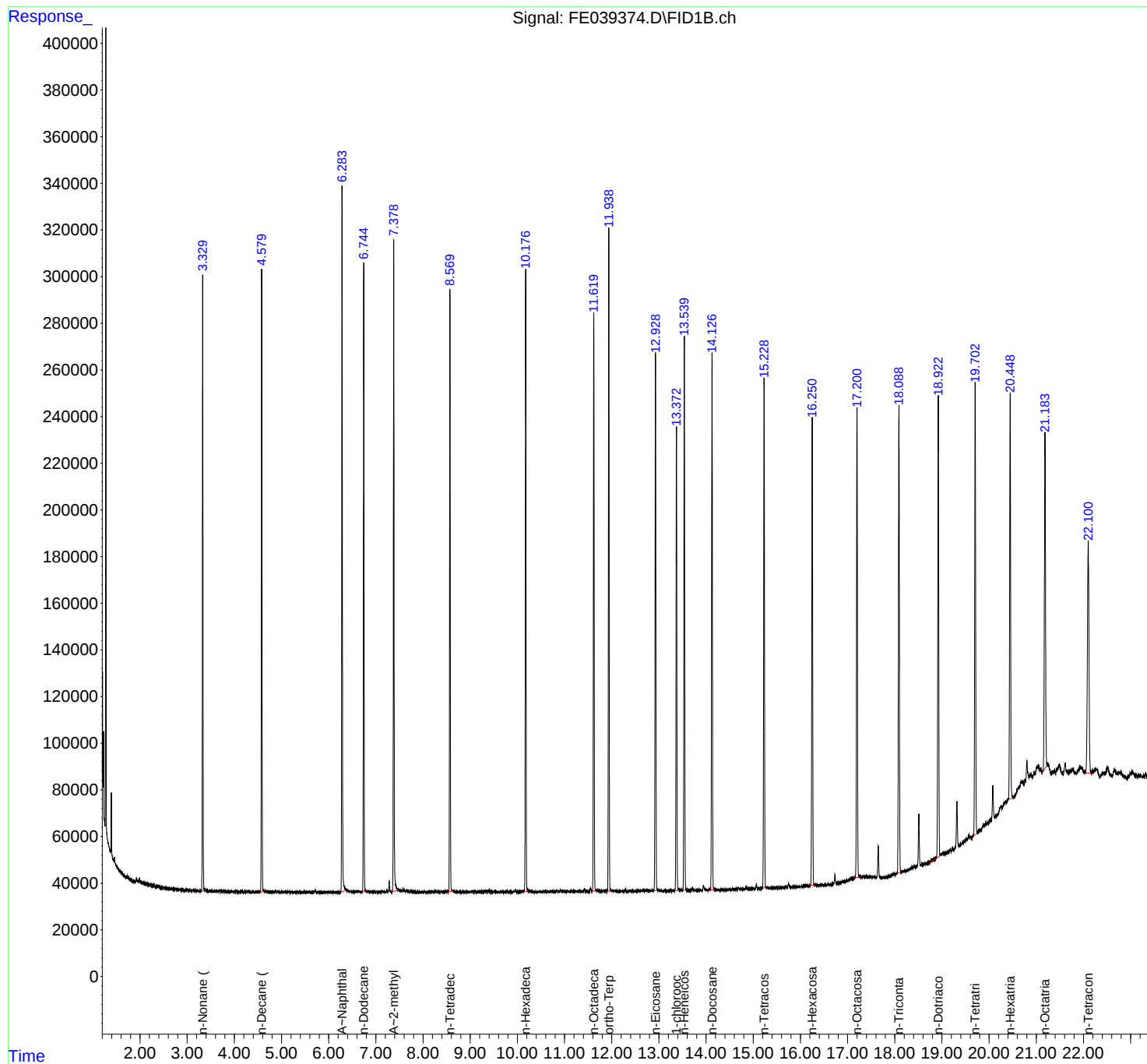
(m)=manual int.

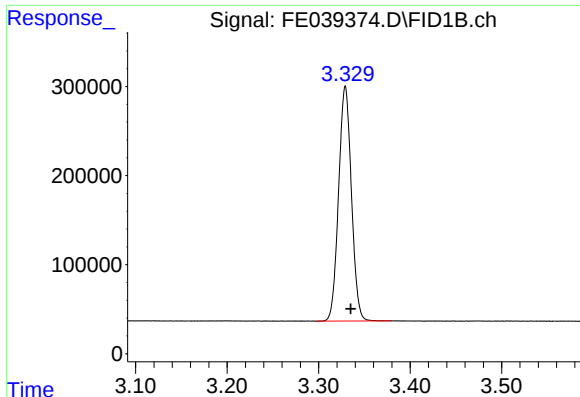
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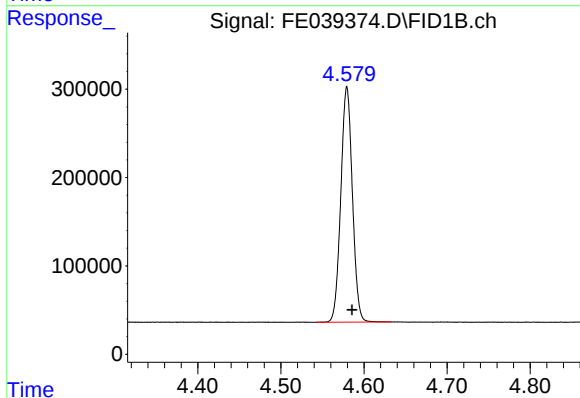




#1 n-Nonane (C9)

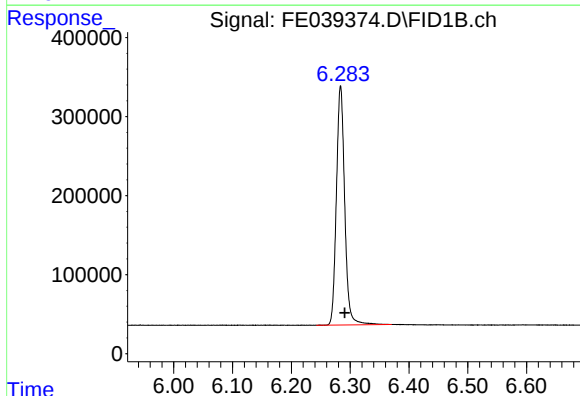
R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 2565277
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



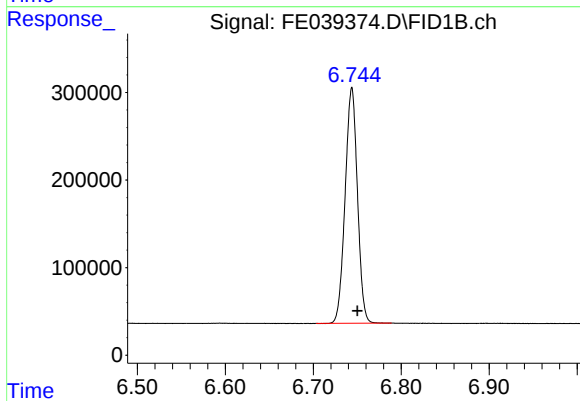
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 2580677
Conc: 20.25 ug/ml



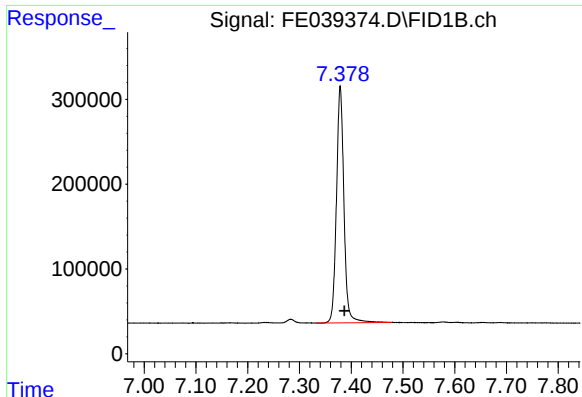
#3 A~Naphthalene (C11.7)

R.T.: 6.284 min
Delta R.T.: -0.007 min
Response: 2970925
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

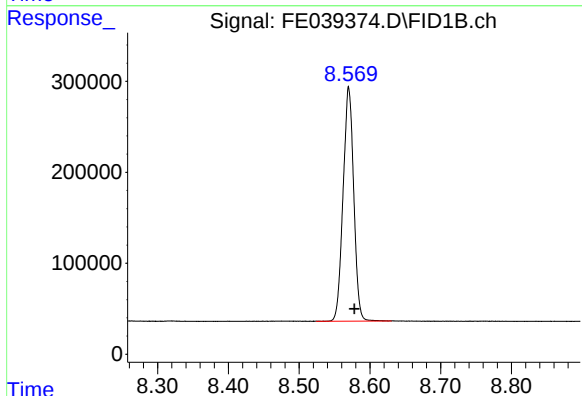
R.T.: 6.744 min
Delta R.T.: -0.007 min
Response: 2619681
Conc: 20.18 ug/ml



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

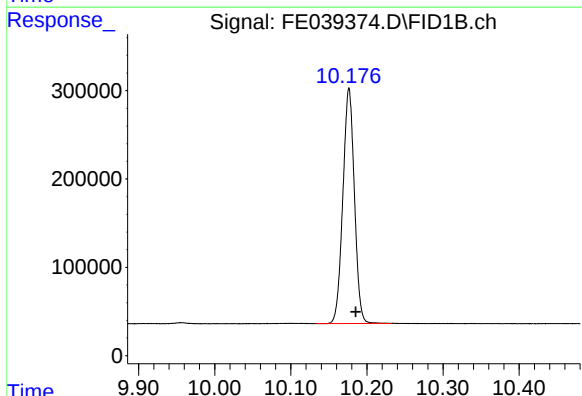
R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 2803889
Conc: 20.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



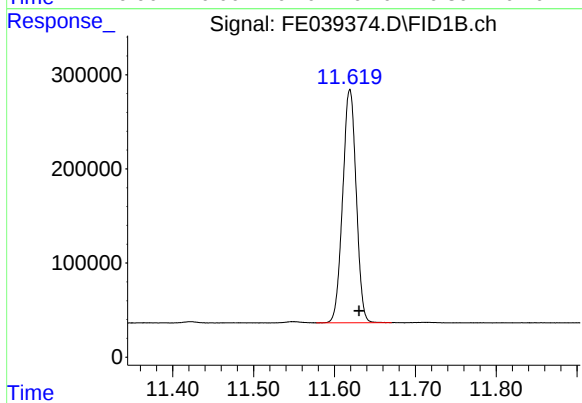
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.008 min
Response: 2686459
Conc: 20.27 ug/ml



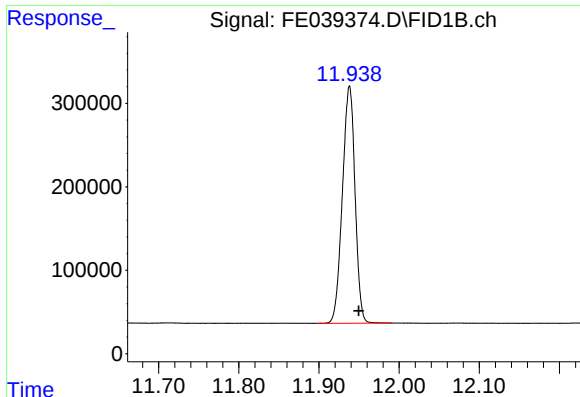
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.009 min
Response: 2804205
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

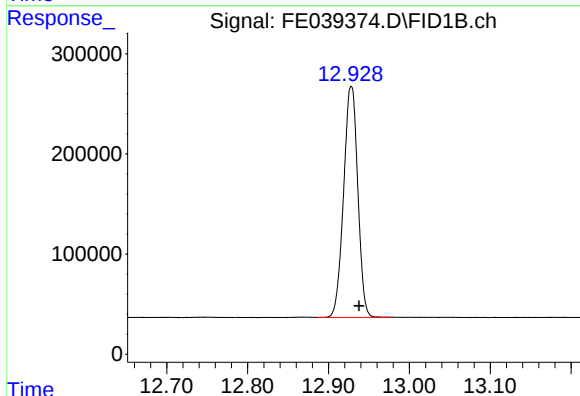
R.T.: 11.619 min
Delta R.T.: -0.011 min
Response: 2878632
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

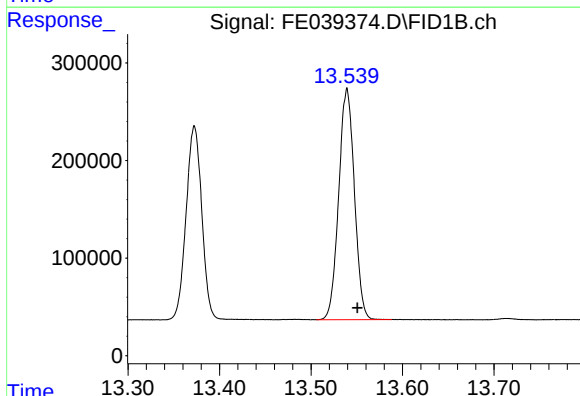
R.T.: 11.938 min
Delta R.T.: -0.012 min
Response: 3107276
Conc: 20.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



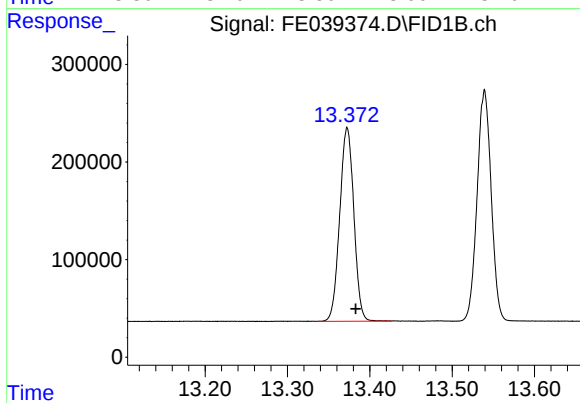
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.009 min
Response: 2812105
Conc: 20.60 ug/ml



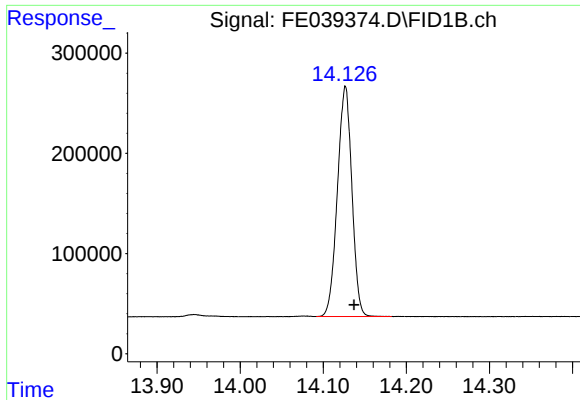
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.011 min
Response: 2817485
Conc: 20.66 ug/ml



#12 1-chlorooctadecane (SURR)

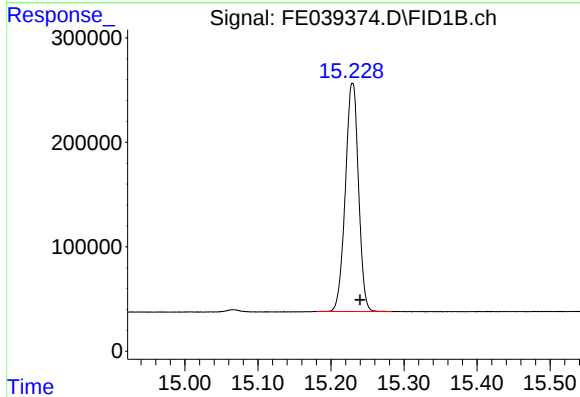
R.T.: 13.373 min
Delta R.T.: -0.010 min
Response: 2361323
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

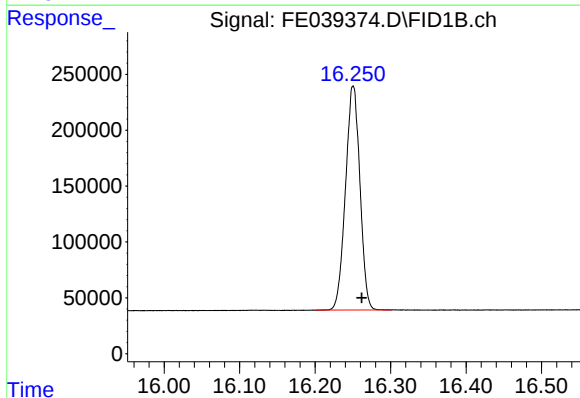
R.T.: 14.127 min
Delta R.T.: -0.010 min
Response: 2785554
Conc: 20.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



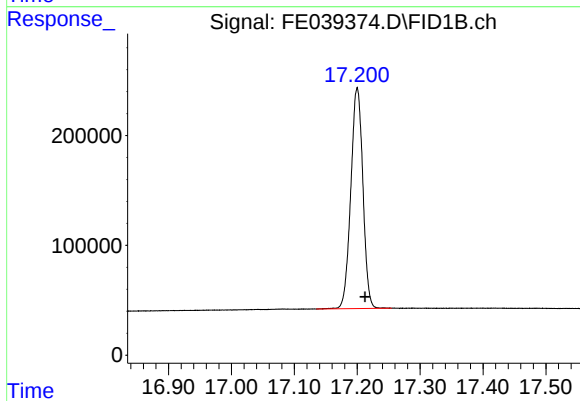
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: -0.010 min
Response: 2738613
Conc: 20.40 ug/ml



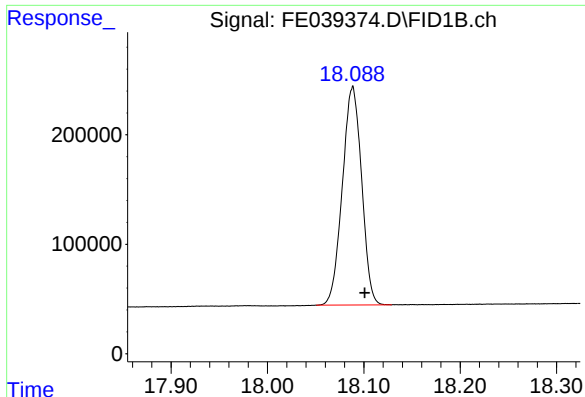
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.012 min
Response: 2663786
Conc: 20.46 ug/ml



#16 n-Octacosane (C28)

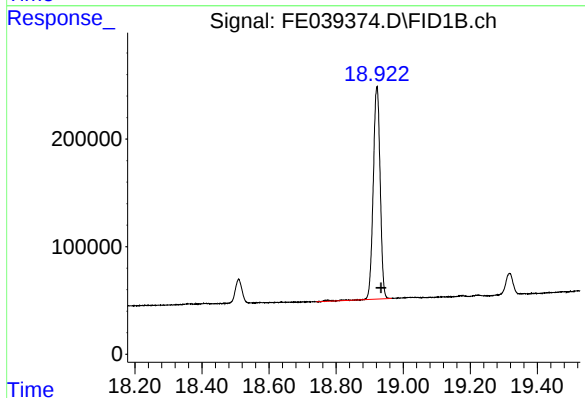
R.T.: 17.200 min
Delta R.T.: -0.012 min
Response: 2678628
Conc: 20.81 ug/ml



#17 n-Tricontane (C30)

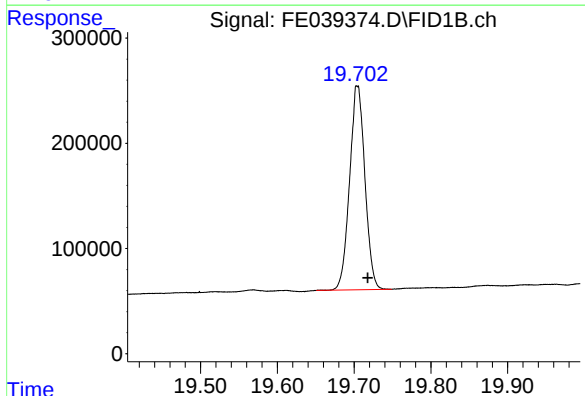
R.T.: 18.088 min
Delta R.T.: -0.013 min
Response: 2761866
Conc: 21.45 ug/ml

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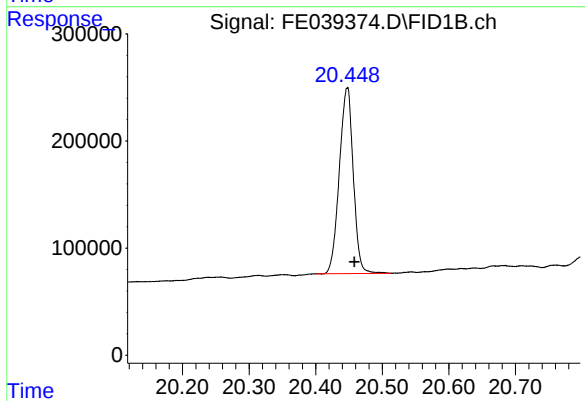
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.012 min
Response: 2836551
Conc: 21.90 ug/ml



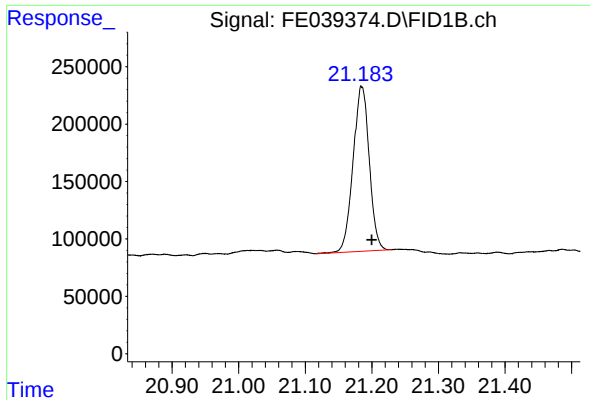
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.014 min
Response: 2689317
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

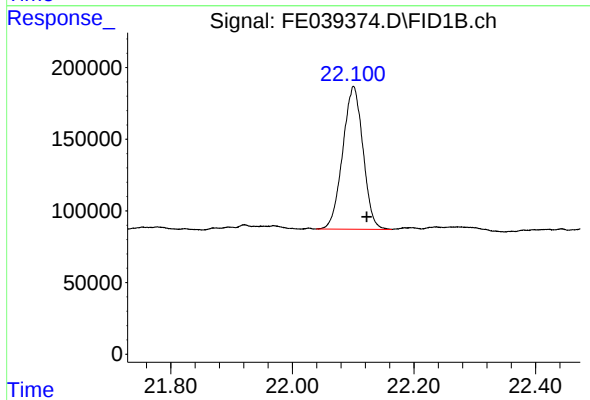
R.T.: 20.448 min
Delta R.T.: -0.010 min
Response: 2529782
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.015 min
Response: 2426715
Conc: 19.65 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.022 min
Response: 2309332
Conc: 18.39 ug/ml