

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE041982.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 08:56
 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 19 01:40:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.966	3234651	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	13.403	2483806	18.692 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.346	2636810	18.286 ug/ml
2) T n-Decane (C10)	4.599	2685946	18.144 ug/ml
3) T A~Naphthalene (C11.7)	6.306	2961921	18.153 ug/ml
4) T n-Dodecane (C12)	6.767	2717982	18.125 ug/ml
5) T A~2-methylnaphthalene...	7.402	2870299	18.086 ug/ml
6) T n-Tetradecane (C14)	8.596	2711801	18.102 ug/ml
7) T n-Hexadecane (C16)	10.204	2823403	18.125 ug/ml
8) T n-Octadecane (C18)	11.648	2869462	18.146 ug/ml
10) T n-Eicosane (C20)	12.957	2765770	18.246 ug/ml
11) T n-Heneicosane (C21)	13.569	2709866	18.291 ug/ml
13) T n-Docosane (C22)	14.155	2682735	18.300 ug/ml
14) T n-Tetracosane (C24)	15.259	2642251	18.304 ug/ml
15) T n-Hexacosane (C26)	16.279	2557474	18.466 ug/ml
16) T n-Octacosane (C28)	17.229	2465279	18.414 ug/ml
17) T n-Tricontane (C30)	18.117	2486789	18.422 ug/ml
18) T n-Dotriacontane (C32)	18.949	2455740	18.383 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2430663	18.483 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2389342	18.383 ug/ml
21) T n-Octatriacontane (C38)	21.223	2434934	17.947 ug/ml
22) T n-Tetracontane (C40)	22.162	2461743	17.695 ug/ml

(f)=RT Delta > 1/2 Window

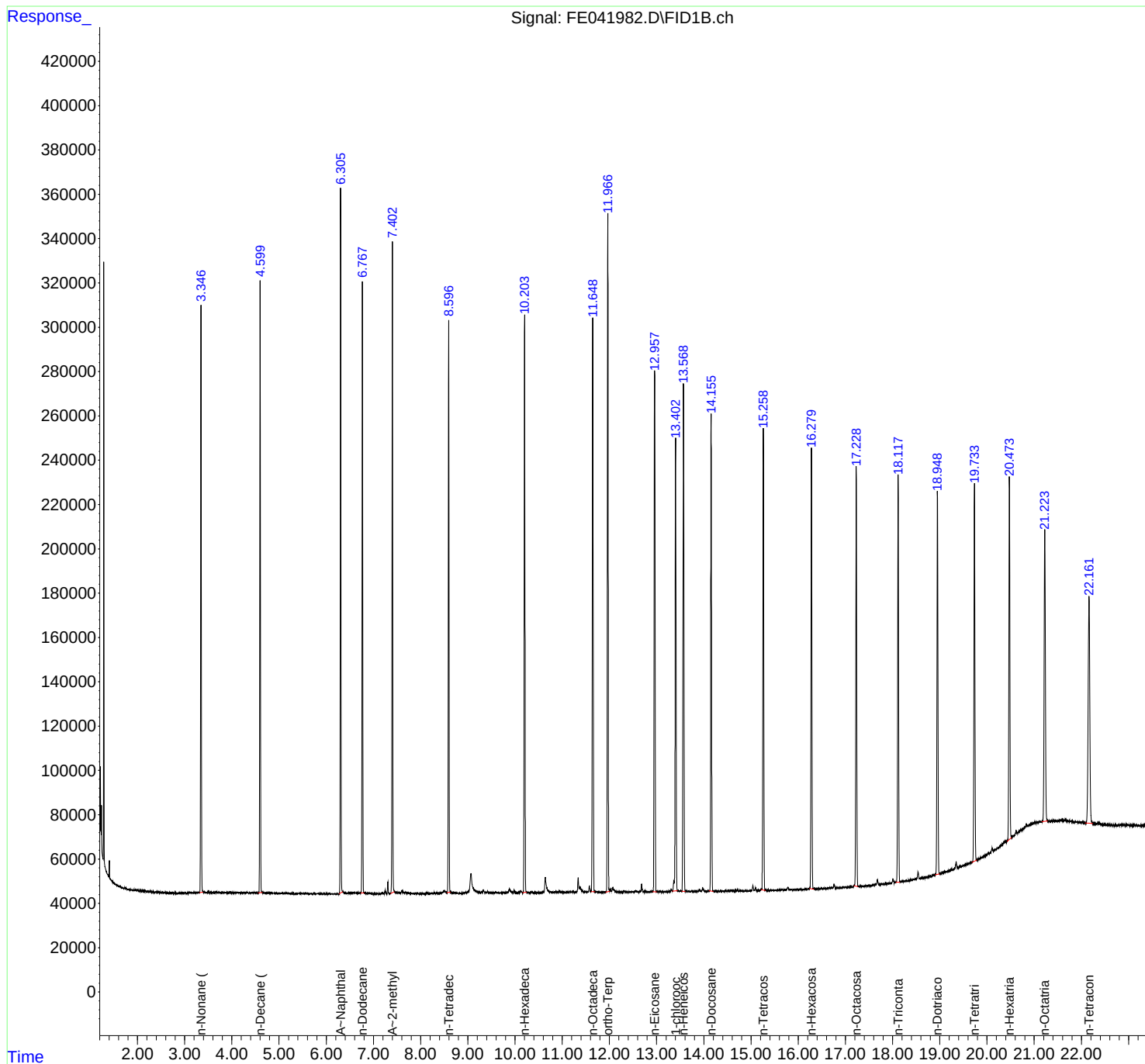
(m)=manual int.

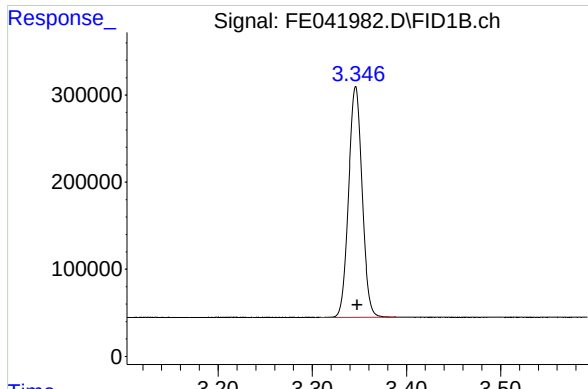
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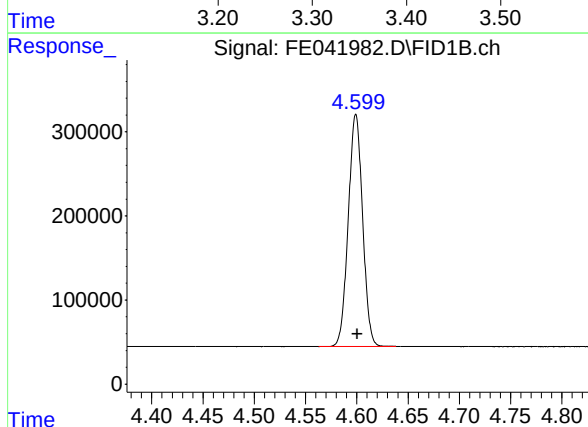




#1 n-Nonane (C9)

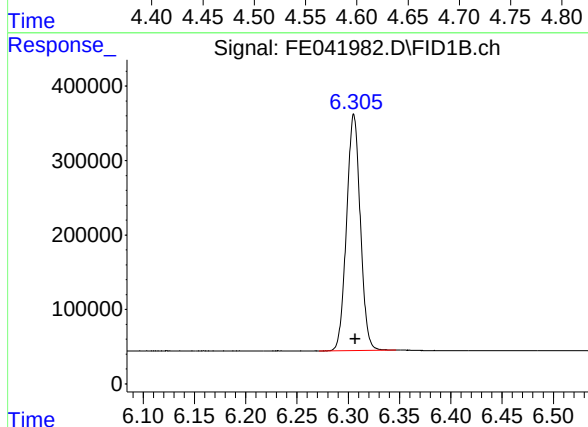
R.T.: 3.346 min
Delta R.T.: -0.002 min
Response: 2636810
Conc: 18.29 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



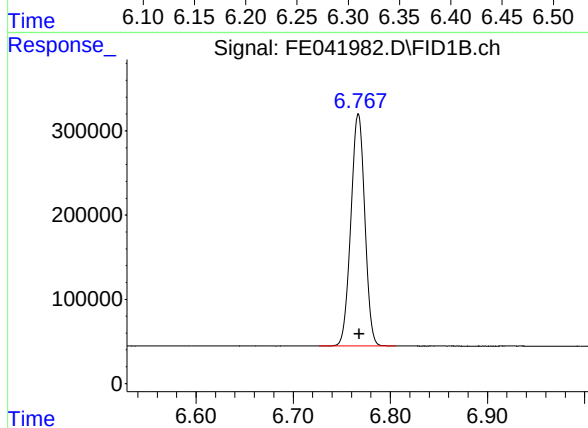
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.001 min
Response: 2685946
Conc: 18.14 ug/ml



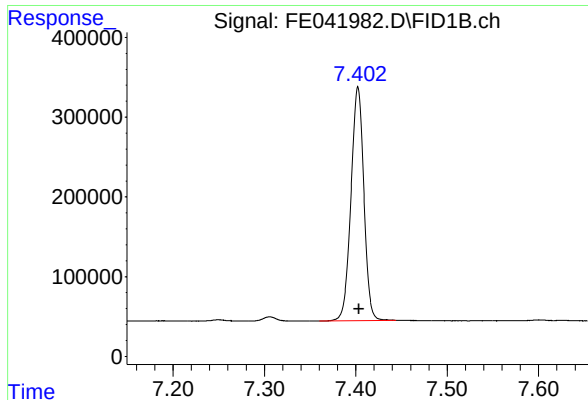
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.001 min
Response: 2961921
Conc: 18.15 ug/ml



#4 n-Dodecane (C12)

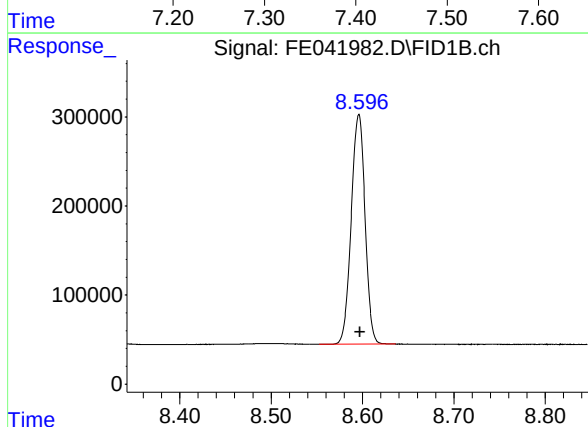
R.T.: 6.767 min
Delta R.T.: -0.001 min
Response: 2717982
Conc: 18.13 ug/ml



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

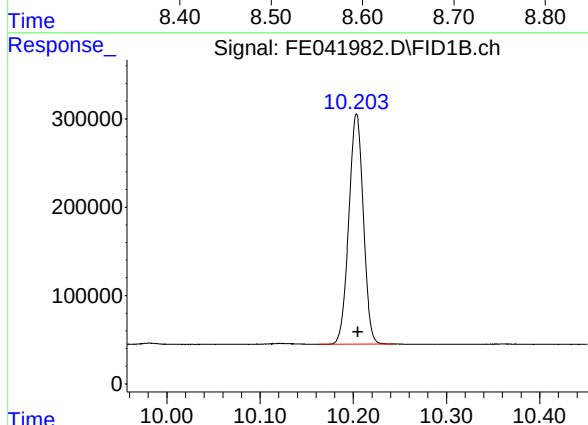
R.T.: 7.402 min
Delta R.T.: -0.001 min
Response: 2870299
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



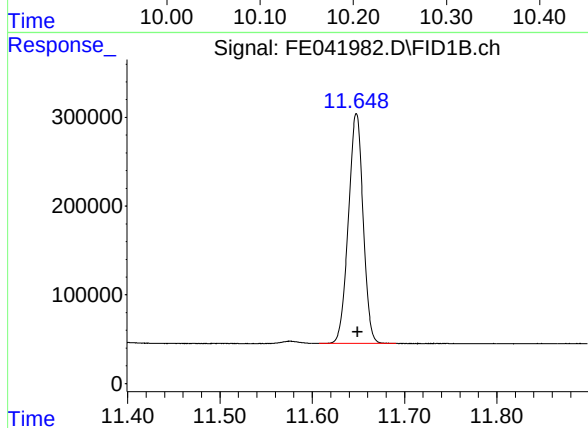
#6 n-Tetradecane (C14)

R.T.: 8.596 min
Delta R.T.: -0.001 min
Response: 2711801
Conc: 18.10 ug/ml



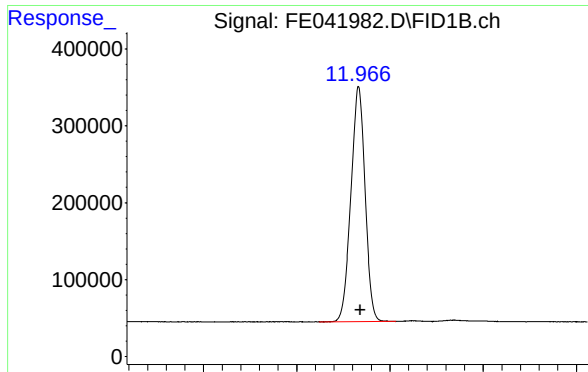
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.002 min
Response: 2823403
Conc: 18.13 ug/ml



#8 n-Octadecane (C18)

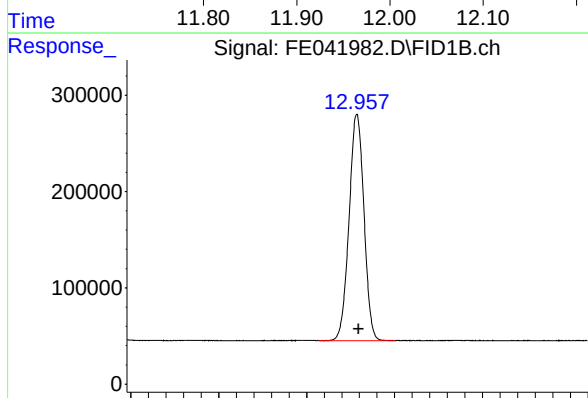
R.T.: 11.648 min
Delta R.T.: -0.001 min
Response: 2869462
Conc: 18.15 ug/ml



#9 ortho-Terphenyl (SURR)

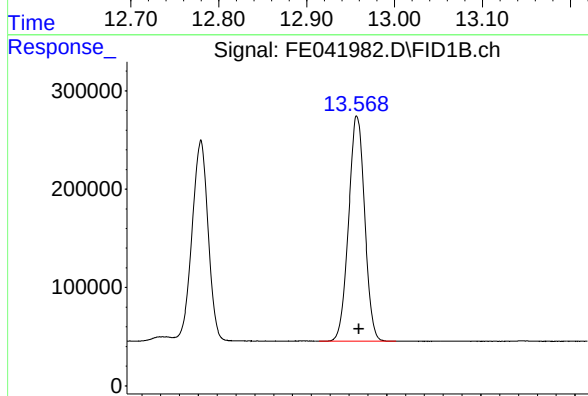
R.T.: 11.966 min
Delta R.T.: -0.002 min
Response: 3234651
Conc: 18.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



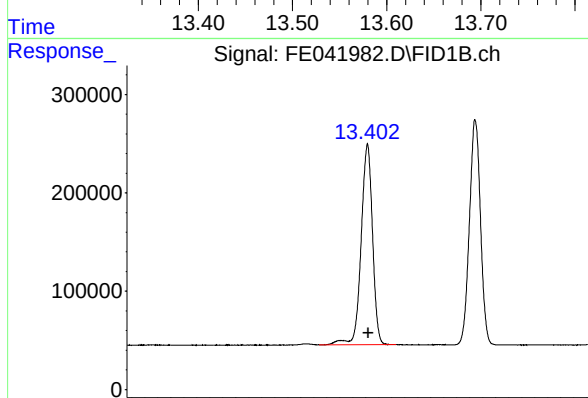
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.002 min
Response: 2765770
Conc: 18.25 ug/ml



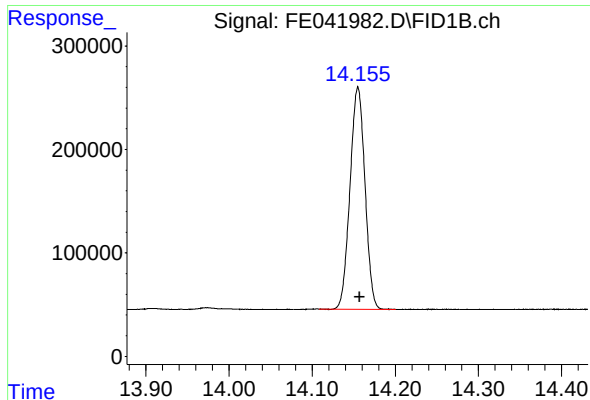
#11 n-Heneicosane (C21)

R.T.: 13.569 min
Delta R.T.: -0.002 min
Response: 2709866
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

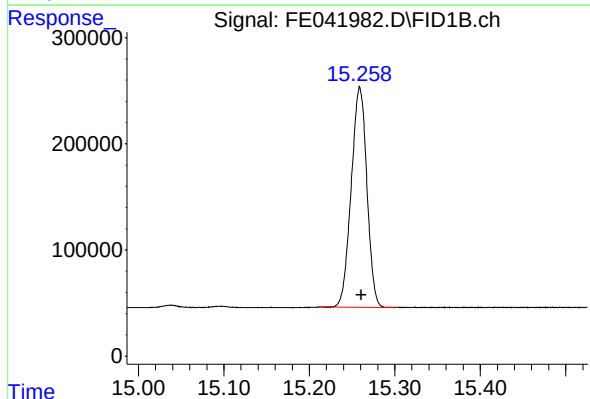
R.T.: 13.403 min
Delta R.T.: -0.001 min
Response: 2483806
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

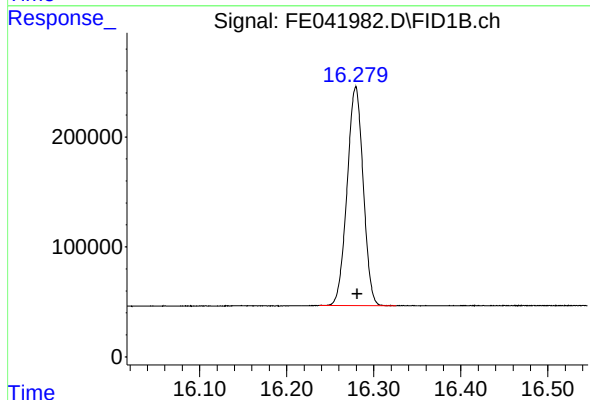
R.T.: 14.155 min
Delta R.T.: -0.002 min
Response: 2682735
Conc: 18.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



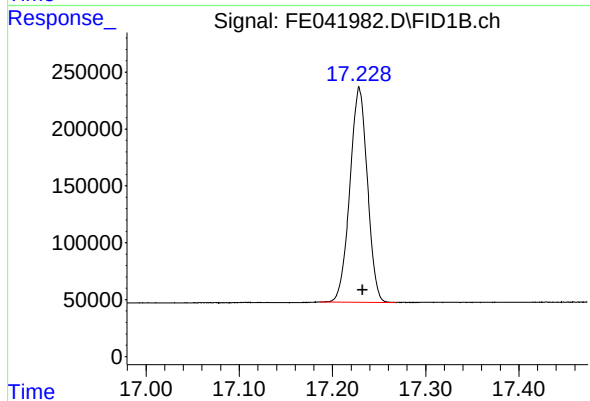
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.002 min
Response: 2642251
Conc: 18.30 ug/ml



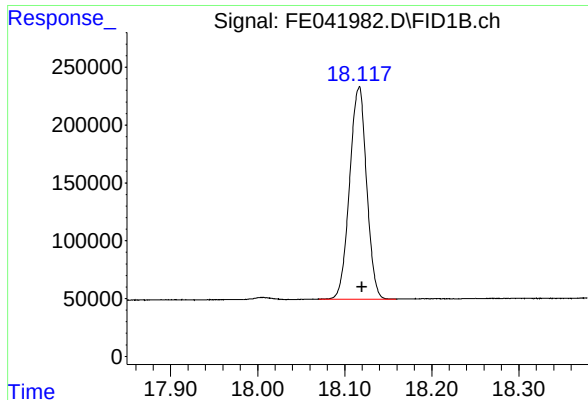
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.002 min
Response: 2557474
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

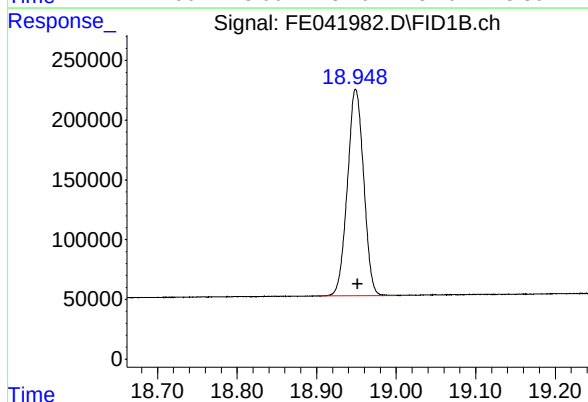
R.T.: 17.229 min
Delta R.T.: -0.003 min
Response: 2465279
Conc: 18.41 ug/ml



#17 n-Tricontane (C30)

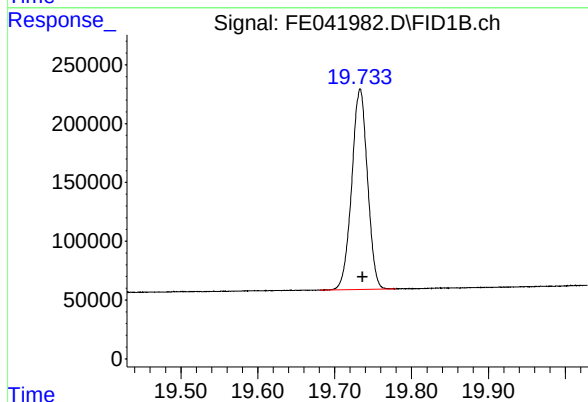
R.T.: 18.117 min
Delta R.T.: -0.003 min
Response: 2486789
Conc: 18.42 ug/ml

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20 PPM ALIPHATIC HC STD



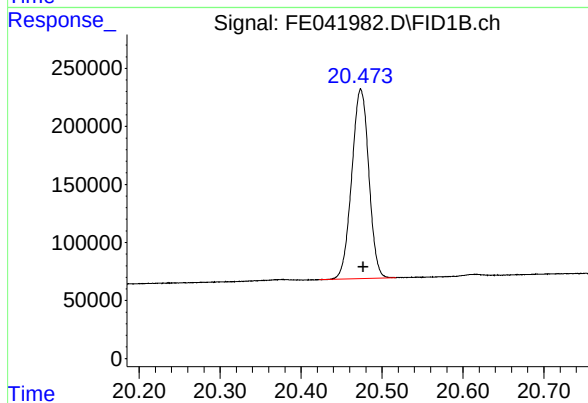
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.003 min
Response: 2455740
Conc: 18.38 ug/ml



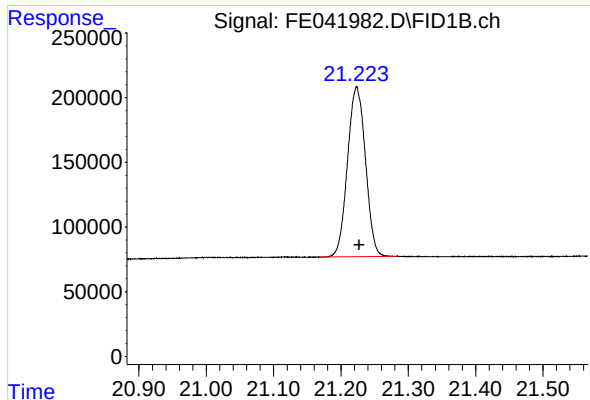
#19 n-Tetatriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 2430663
Conc: 18.48 ug/ml



#20 n-Hexatriacontane (C36)

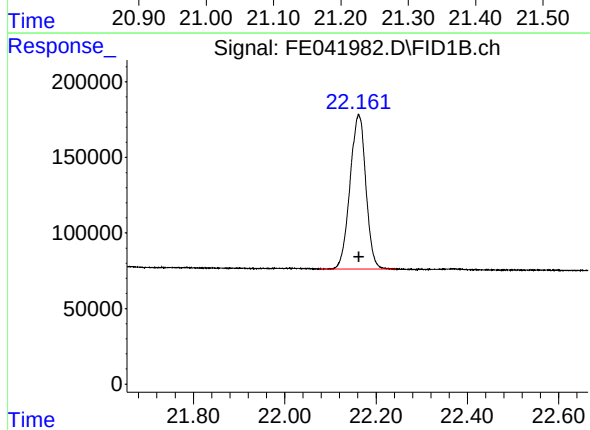
R.T.: 20.474 min
Delta R.T.: -0.003 min
Response: 2389342
Conc: 18.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.004 min
Response: 2434934
Conc: 17.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: -0.001 min
Response: 2461743
Conc: 17.70 ug/ml