

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046148.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 15:33
 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: Jan 11 01:14:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.835	3219200	17.715 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
12) S 1-chlorooctadecane (S...	13.279	2403668	17.990 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	3.218	2533938	16.557 ug/ml
2) T n-Decane (C10)	4.469	2600939	16.759 ug/ml
3) T A~Naphthalene (C11.7)	6.173	2781947	16.728 ug/ml
4) T n-Dodecane (C12)	6.637	2654398	17.001 ug/ml
5) T A~2-methylnaphthalene...	7.270	2690249	16.897 ug/ml
6) T n-Tetradecane (C14)	8.464	2668241	17.129 ug/ml
7) T n-Hexadecane (C16)	10.075	2756776	17.409 ug/ml
8) T n-Octadecane (C18)	11.521	2785996	17.701 ug/ml
10) T n-Eicosane (C20)	12.834	2712082	17.928 ug/ml
11) T n-Heneicosane (C21)	13.446	2642972	17.973 ug/ml
13) T n-Docosane (C22)	14.034	2675495	18.304 ug/ml
14) T n-Tetracosane (C24)	15.141	2799354	19.301 ug/ml
15) T n-Hexacosane (C26)	16.165	2783844	19.418 ug/ml
16) T n-Octacosane (C28)	17.118	2897683	20.204 ug/ml
17) T n-Tricontane (C30)	18.008	3049912	20.519 ug/ml
18) T n-Dotriacontane (C32)	18.844	2988658	19.983 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2800795	19.551 ug/ml
20) T n-Hexatriacontane (C36)	20.377	2540490	17.424 ug/ml
21) T n-Octatriacontane (C38)	21.111	2684028	18.202 ug/ml
22) T n-Tetracontane (C40)	22.016	2630512	16.806 ug/ml

(f)=RT Delta > 1/2 Window

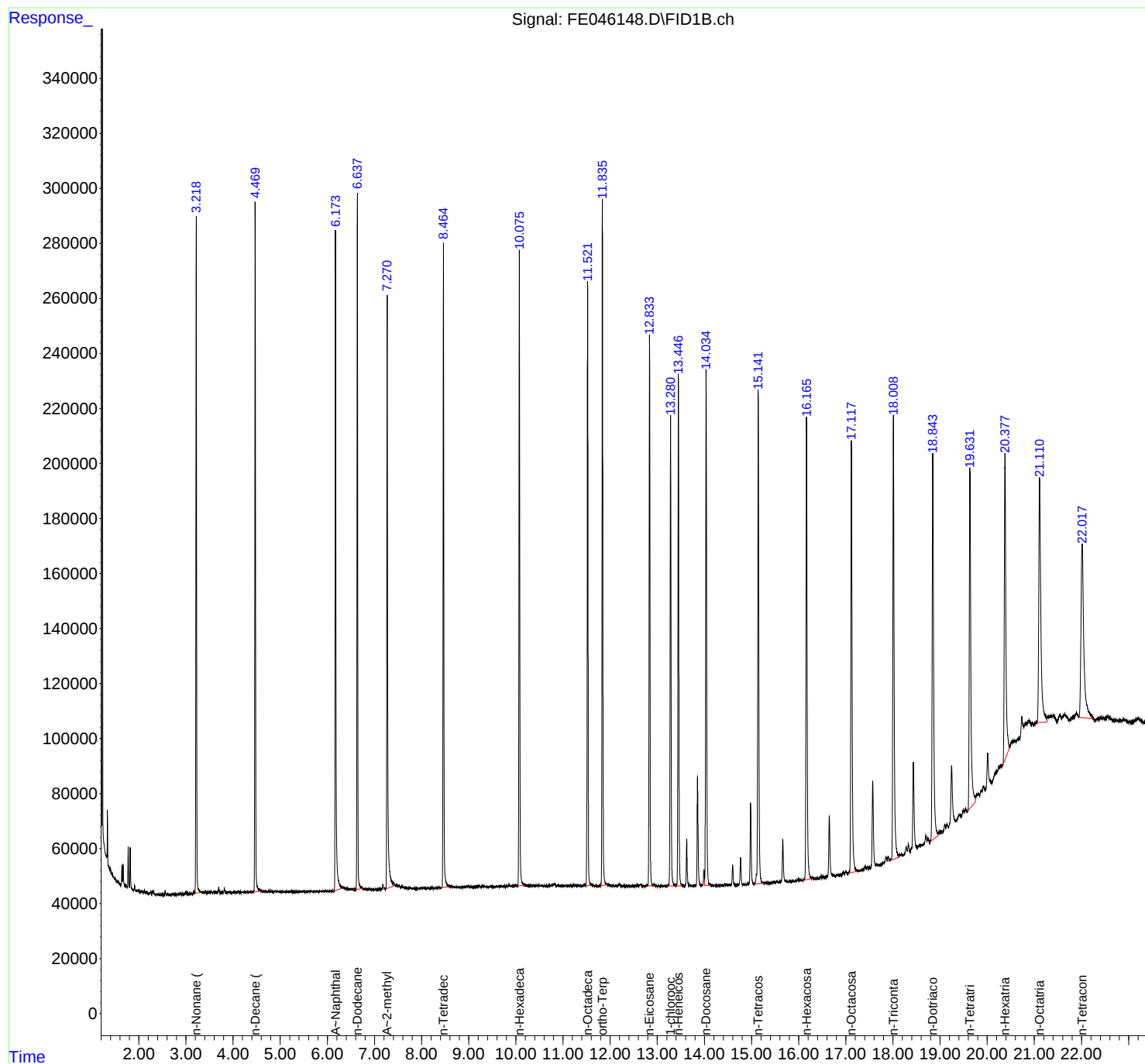
(m)=manual int.

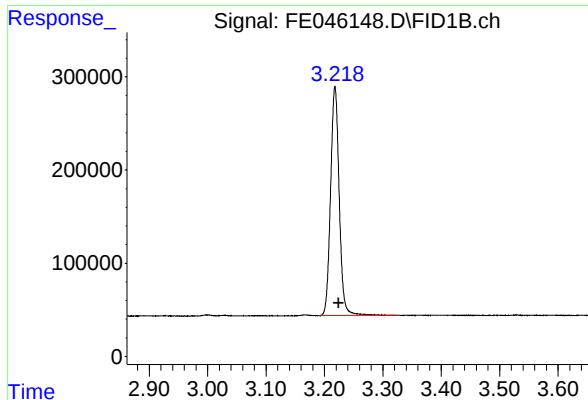
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
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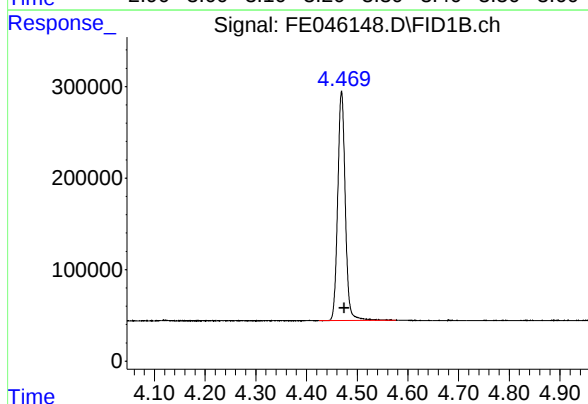




#1 n-Nonane (C9)

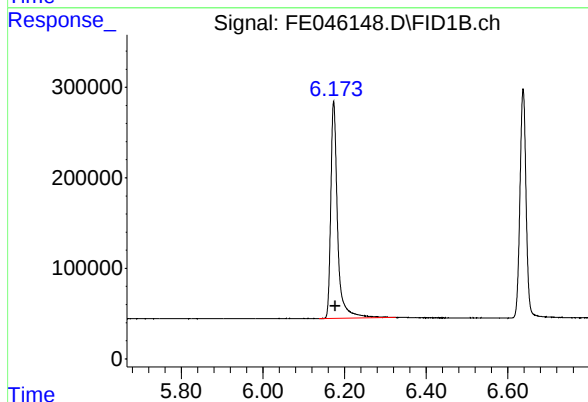
R.T.: 3.218 min
Delta R.T.: -0.006 min
Response: 2533938
Conc: 16.56 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



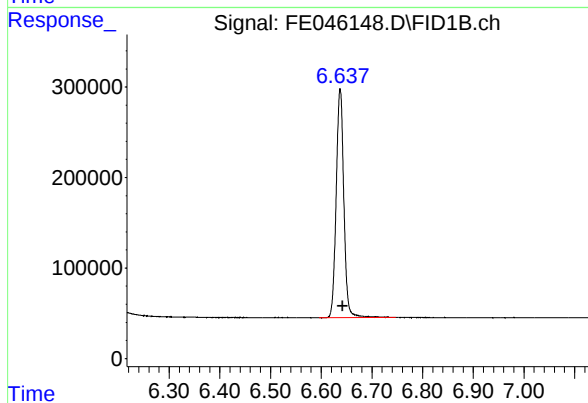
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.006 min
Response: 2600939
Conc: 16.76 ug/ml



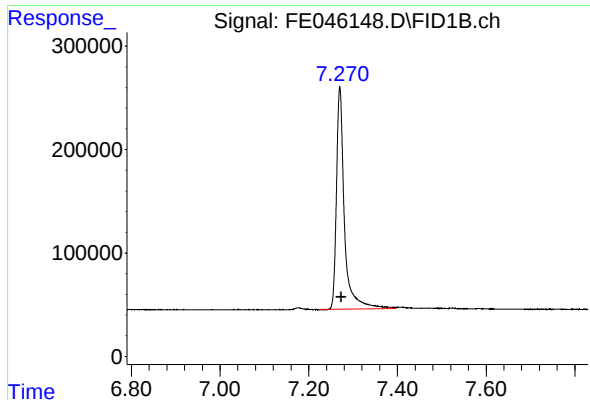
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 2781947
Conc: 16.73 ug/ml



#4 n-Dodecane (C12)

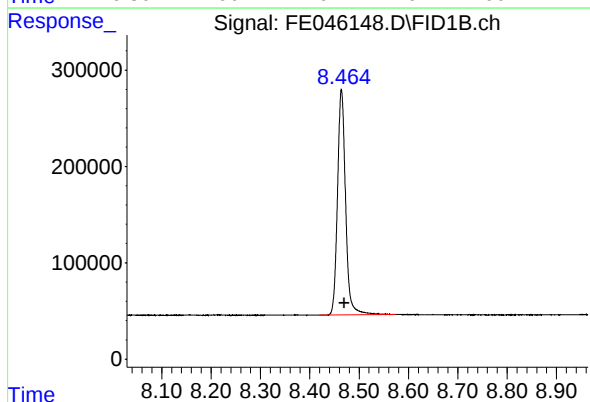
R.T.: 6.637 min
Delta R.T.: -0.005 min
Response: 2654398
Conc: 17.00 ug/ml



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

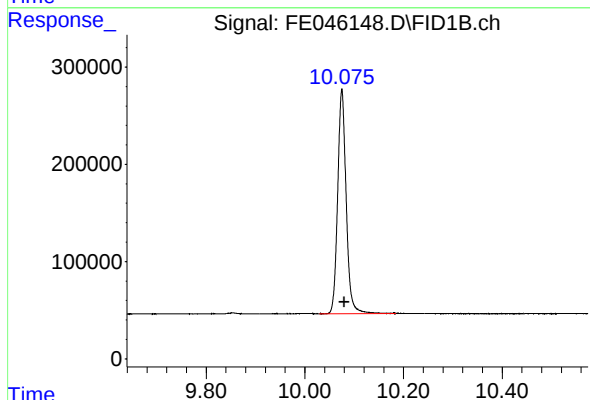
R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 2690249
Conc: 16.90 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



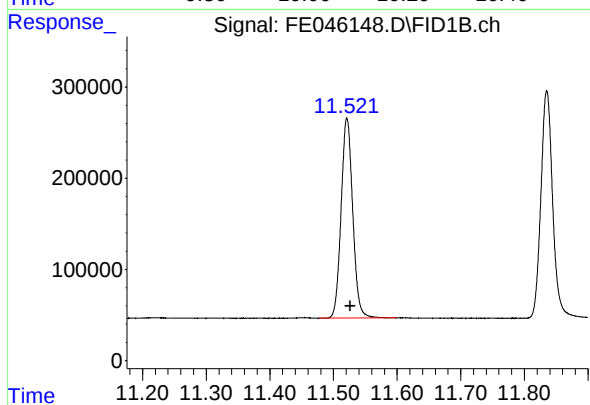
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 2668241
Conc: 17.13 ug/ml



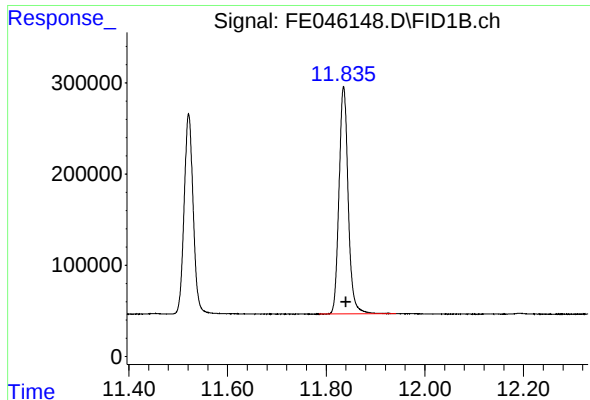
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.005 min
Response: 2756776
Conc: 17.41 ug/ml



#8 n-Octadecane (C18)

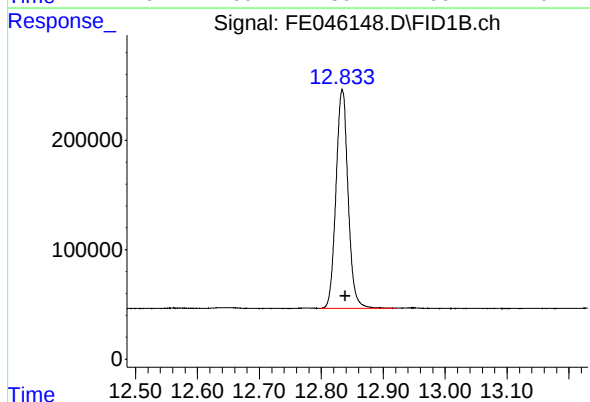
R.T.: 11.521 min
Delta R.T.: -0.006 min
Response: 2785996
Conc: 17.70 ug/ml



#9 ortho-Terphenyl (SURR)

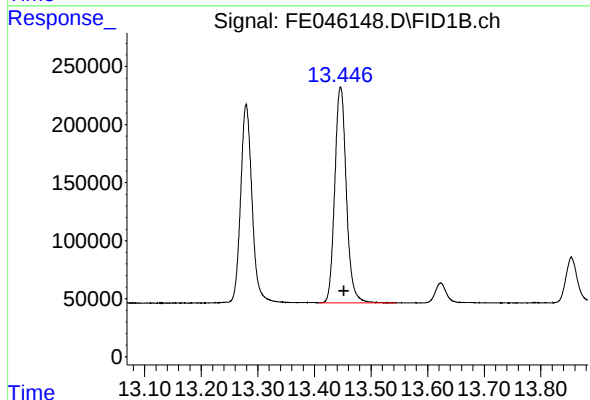
R.T.: 11.835 min
Delta R.T.: -0.005 min
Response: 3219200
Conc: 17.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



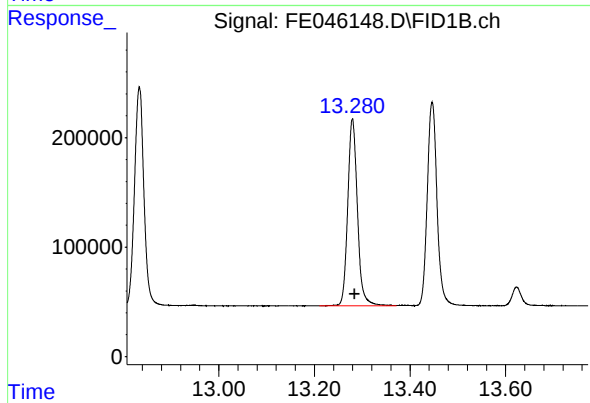
#10 n-Eicosane (C20)

R.T.: 12.834 min
Delta R.T.: -0.005 min
Response: 2712082
Conc: 17.93 ug/ml



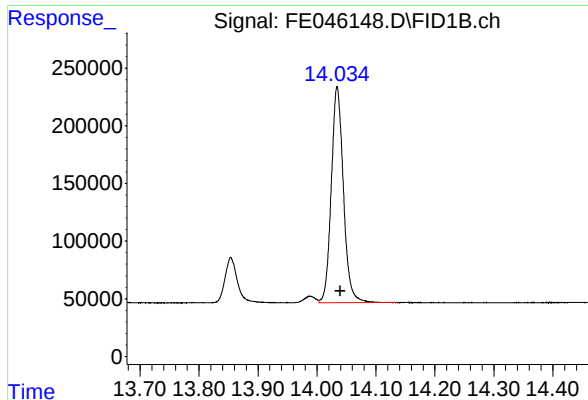
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.006 min
Response: 2642972
Conc: 17.97 ug/ml



#12 1-chlorooctadecane (SURR)

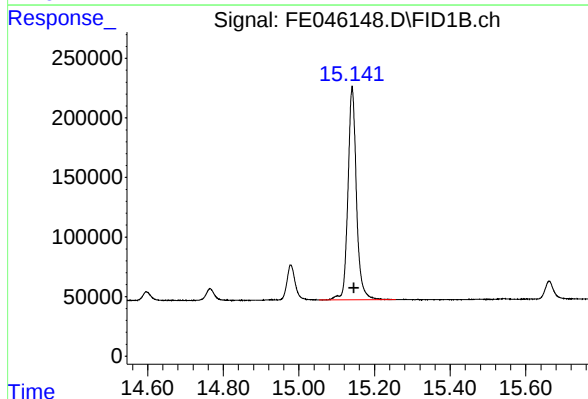
R.T.: 13.279 min
Delta R.T.: -0.005 min
Response: 2403668
Conc: 17.99 ug/ml



#13 n-Docosane (C22)

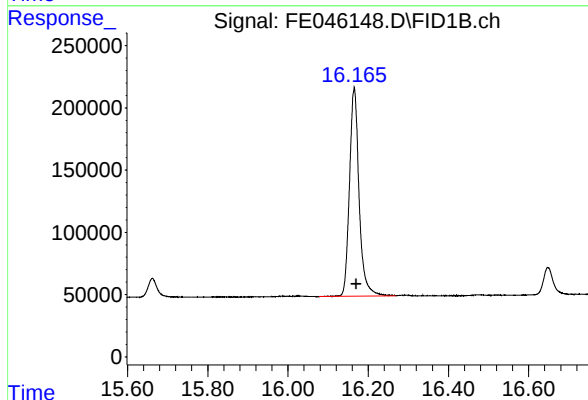
R.T.: 14.034 min
Delta R.T.: -0.005 min
Response: 2675495
Conc: 18.30 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



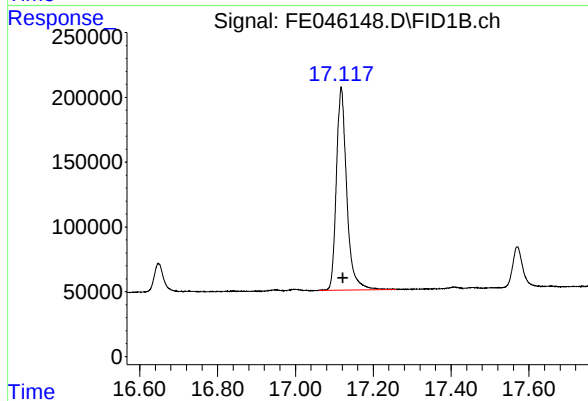
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.005 min
Response: 2799354
Conc: 19.30 ug/ml



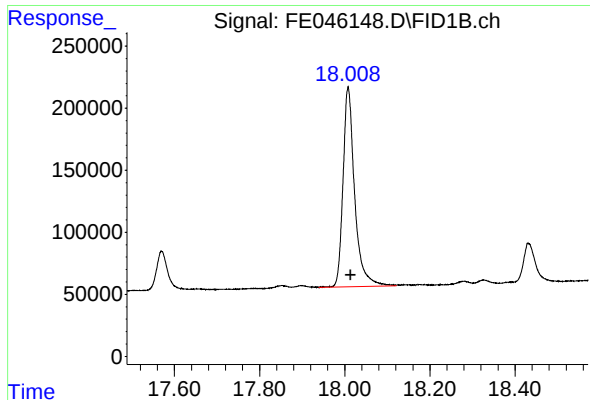
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.005 min
Response: 2783844
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

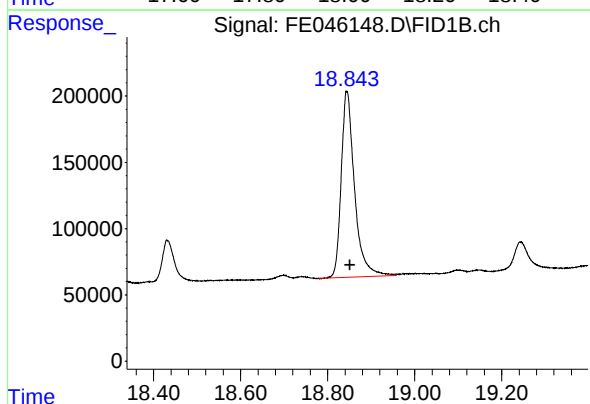
R.T.: 17.118 min
Delta R.T.: -0.005 min
Response: 2897683
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

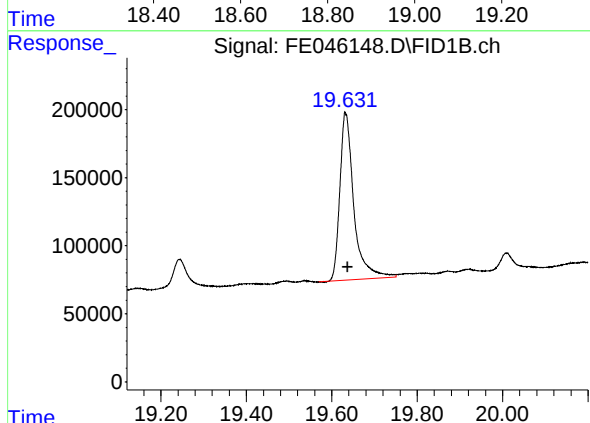
R.T.: 18.008 min
Delta R.T.: -0.006 min
Response: 3049912
Conc: 20.52 ug/ml

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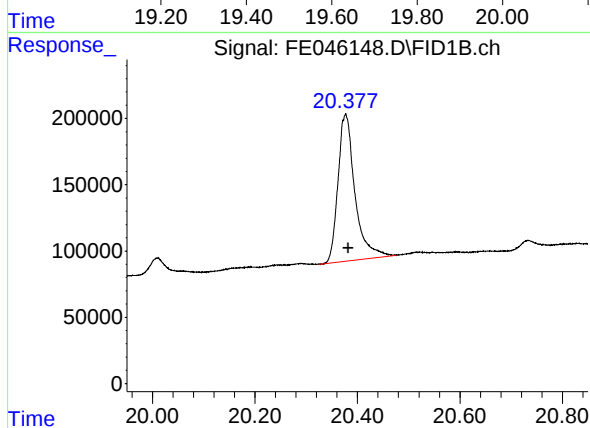
#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.007 min
Response: 2988658
Conc: 19.98 ug/ml



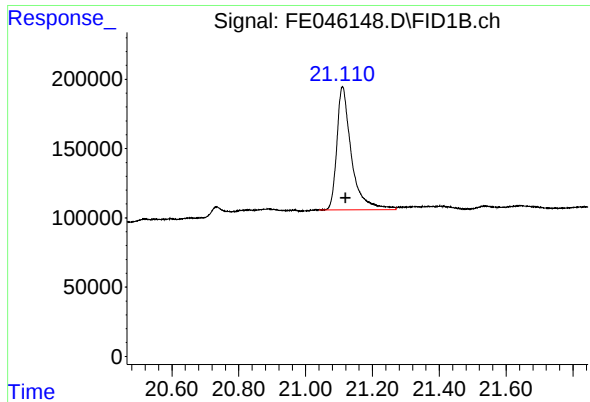
#19 n-Tetatriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.005 min
Response: 2800795
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

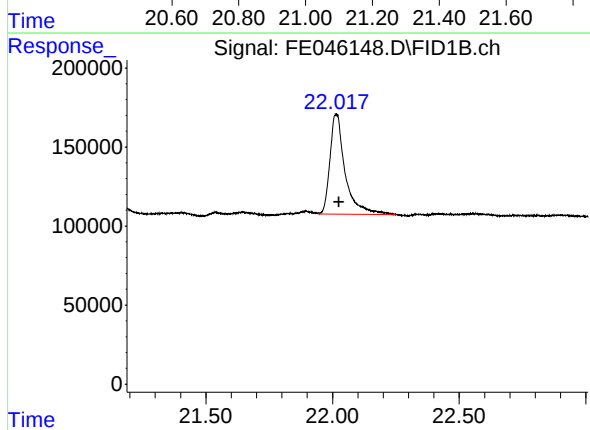
R.T.: 20.377 min
Delta R.T.: -0.005 min
Response: 2540490
Conc: 17.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: -0.009 min
Response: 2684028
Conc: 18.20 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.016 min
Delta R.T.: -0.009 min
Response: 2630512
Conc: 16.81 ug/ml