

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091523AL\
 Data File : FE044308.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2023 11:39
 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: Sep 16 03:45:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.927	3855613	20.352 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
12) S 1-chlorooctadecane (S...	13.367	2883226	20.871 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
Target Compounds			
1) T n-Nonane (C9)	3.315	3230452	19.803 ug/ml
2) T n-Decane (C10)	4.567	3282004	19.746 ug/ml
3) T A~Naphthalene (C11.7)	6.267	3578663	19.985 ug/ml
4) T n-Dodecane (C12)	6.730	3321877	19.752 ug/ml
5) T A~2-methylnaphthalene...	7.363	3489578	20.355 ug/ml
6) T n-Tetradecane (C14)	8.557	3298431	19.668 ug/ml
7) T n-Hexadecane (C16)	10.166	3357948	19.429 ug/ml
8) T n-Octadecane (C18)	11.610	3349724	19.243 ug/ml
10) T n-Eicosane (C20)	12.921	3219703	19.465 ug/ml
11) T n-Heneicosane (C21)	13.534	3151416	19.483 ug/ml
13) T n-Docosane (C22)	14.120	3094689	19.371 ug/ml
14) T n-Tetracosane (C24)	15.224	3012491	19.264 ug/ml
15) T n-Hexacosane (C26)	16.246	2917359	19.352 ug/ml
16) T n-Octacosane (C28)	17.197	2840990	19.687 ug/ml
17) T n-Tricontane (C30)	18.086	2912995	20.051 ug/ml
18) T n-Dotriacontane (C32)	18.919	2936889	20.617 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2866146	20.481 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2863959	20.890 ug/ml
21) T n-Octatriacontane (C38)	21.188	2898542	20.881 ug/ml
22) T n-Tetracontane (C40)	22.110	3249329	23.501 ug/ml

(f)=RT Delta > 1/2 Window

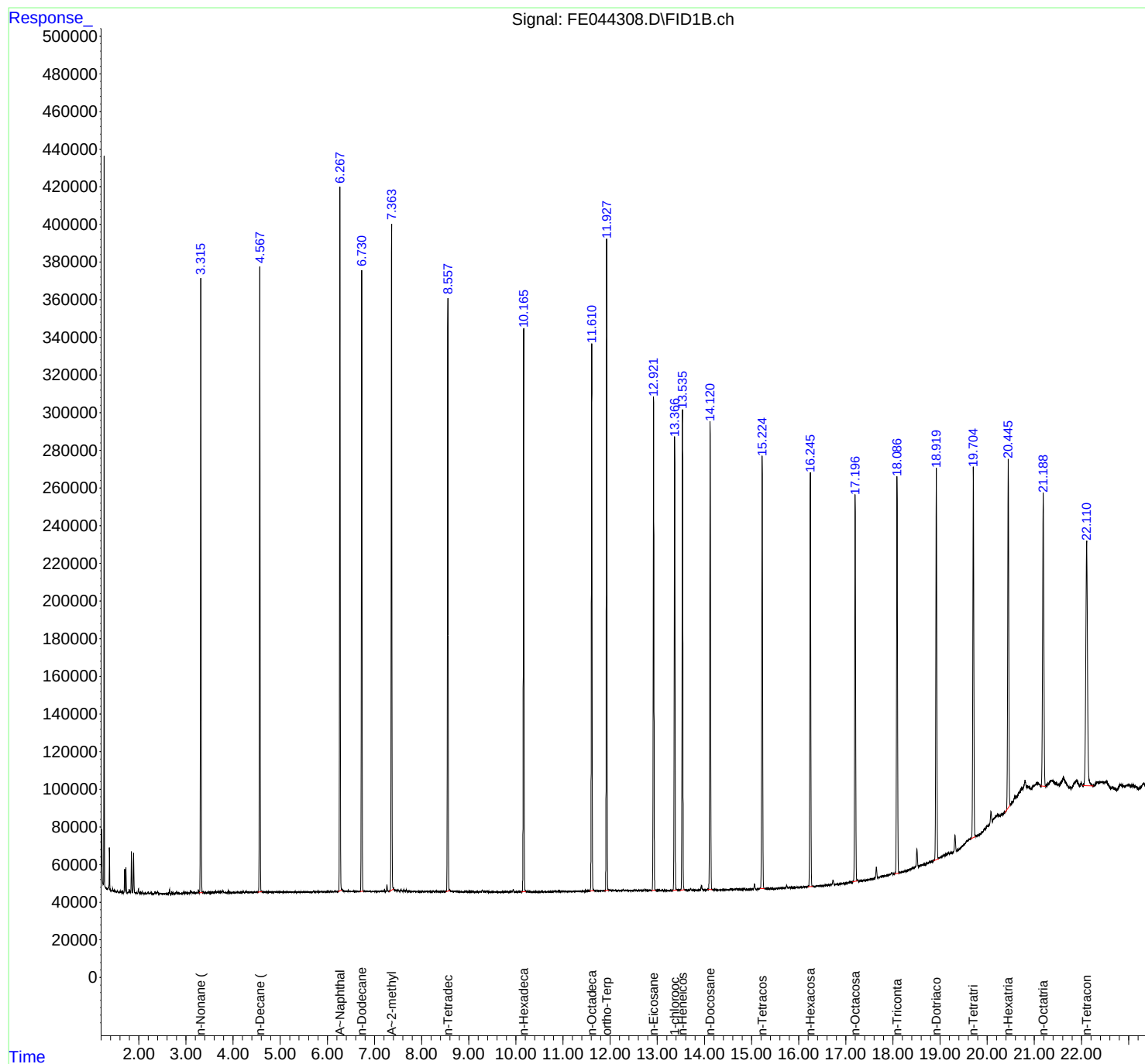
(m)=manual int.

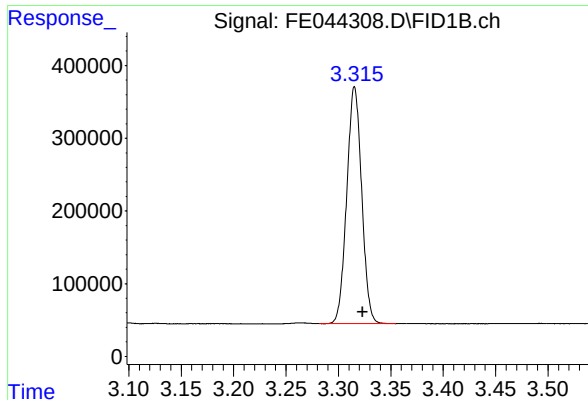
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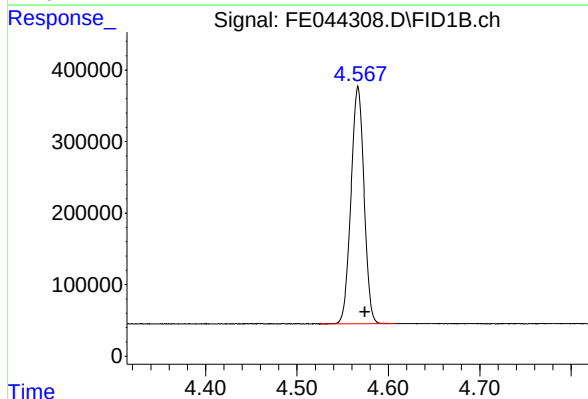




#1 n-Nonane (C9)

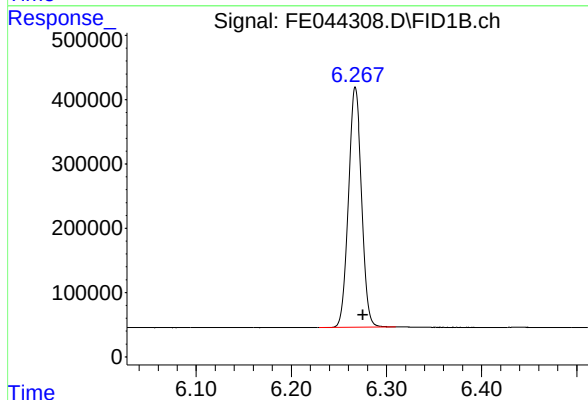
R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 3230452
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



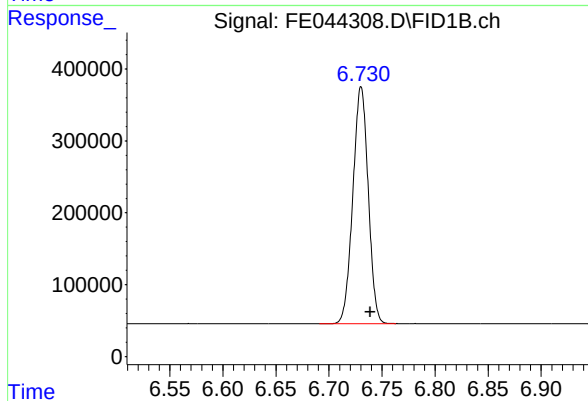
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.007 min
Response: 3282004
Conc: 19.75 ug/ml



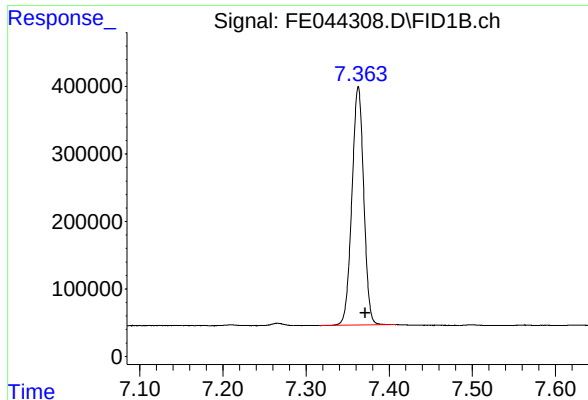
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: -0.008 min
Response: 3578663
Conc: 19.98 ug/ml



#4 n-Dodecane (C12)

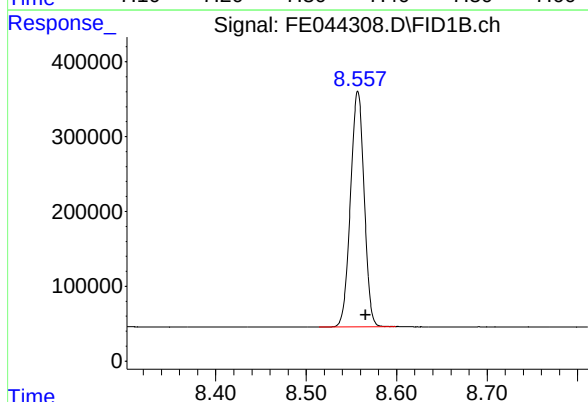
R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 3321877
Conc: 19.75 ug/ml



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

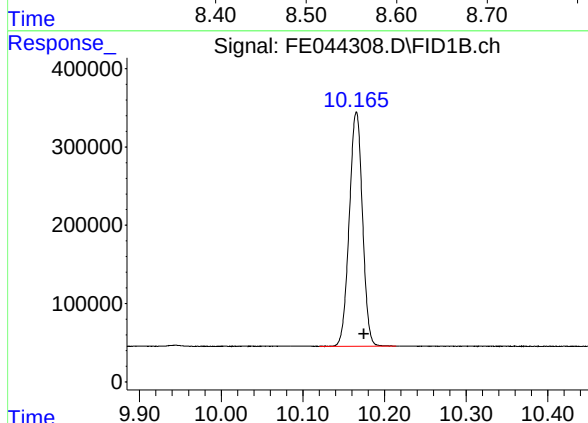
R.T.: 7.363 min
Delta R.T.: -0.008 min
Response: 3489578
Conc: 20.36 ug/ml

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20 PPM ALIPHATIC HC STD



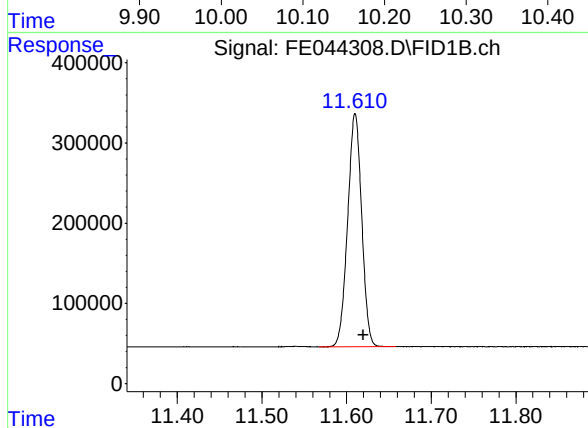
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.009 min
Response: 3298431
Conc: 19.67 ug/ml



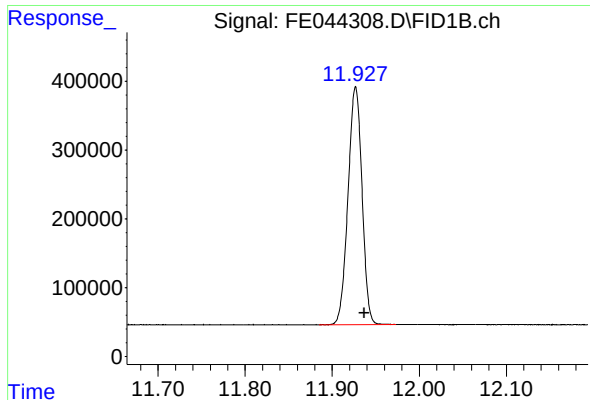
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 3357948
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

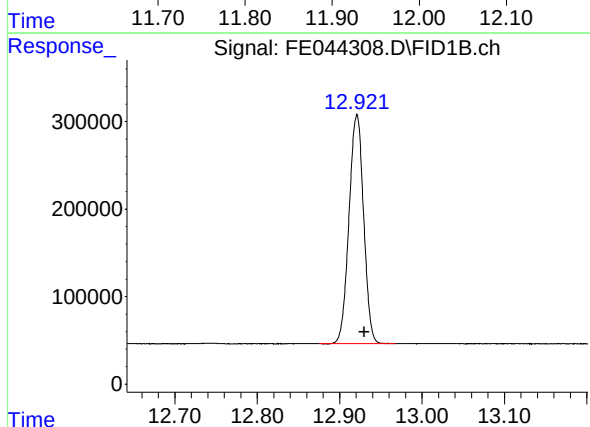
R.T.: 11.610 min
Delta R.T.: -0.009 min
Response: 3349724
Conc: 19.24 ug/ml



#9 ortho-Terphenyl (SURR)

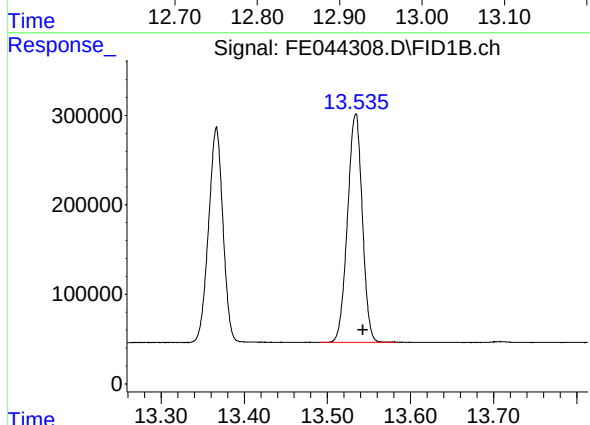
R.T.: 11.927 min
Delta R.T.: -0.010 min
Response: 3855613
Conc: 20.35 ug/ml

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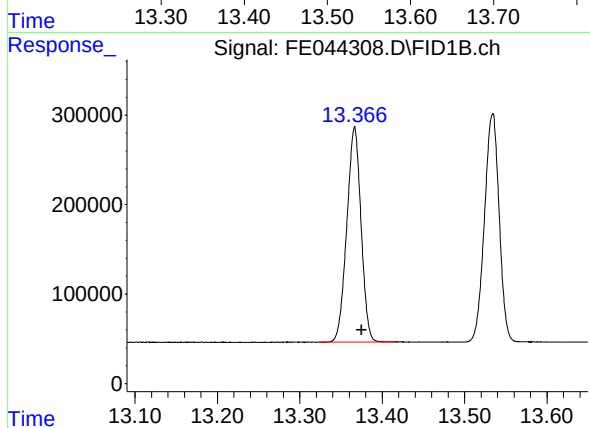
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 3219703
Conc: 19.46 ug/ml



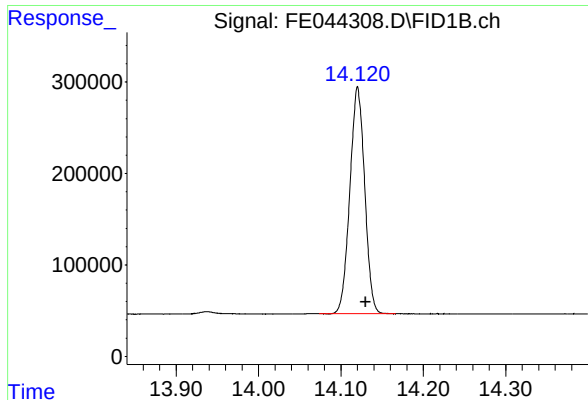
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.009 min
Response: 3151416
Conc: 19.48 ug/ml



#12 1-chlorooctadecane (SURR)

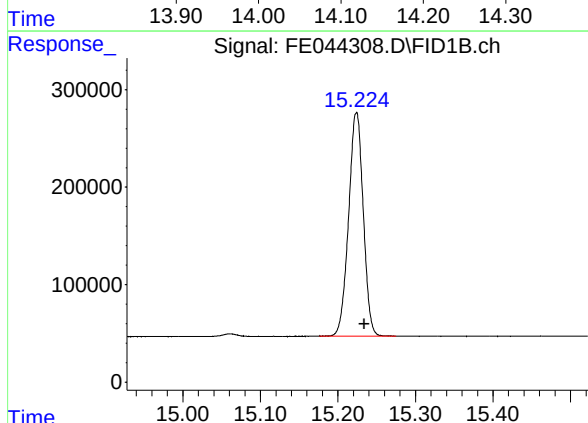
R.T.: 13.367 min
Delta R.T.: -0.008 min
Response: 2883226
Conc: 20.87 ug/ml



#13 n-Docosane (C22)

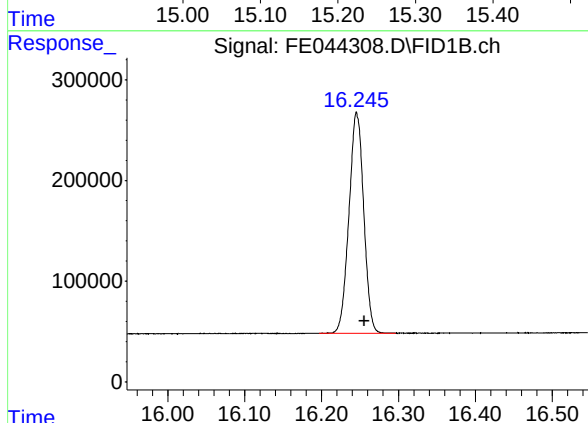
R.T.: 14.120 min
Delta R.T.: -0.010 min
Response: 3094689
Conc: 19.37 ug/ml

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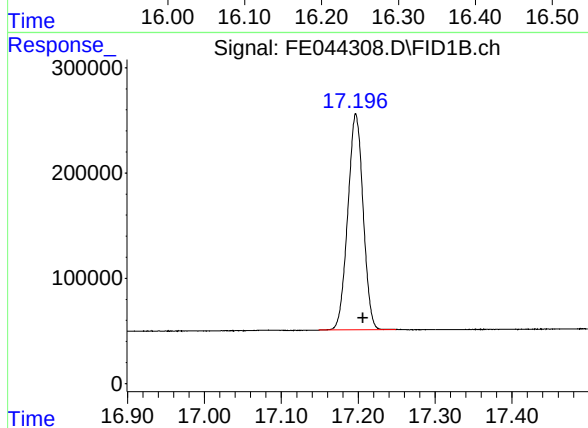
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.010 min
Response: 3012491
Conc: 19.26 ug/ml



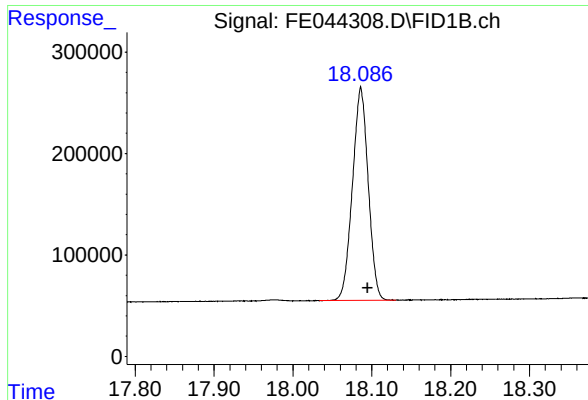
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.010 min
Response: 2917359
Conc: 19.35 ug/ml



#16 n-Octacosane (C28)

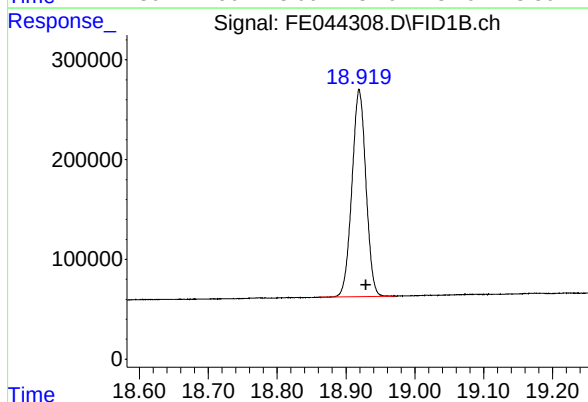
R.T.: 17.197 min
Delta R.T.: -0.009 min
Response: 2840990
Conc: 19.69 ug/ml



#17 n-Tricontane (C30)

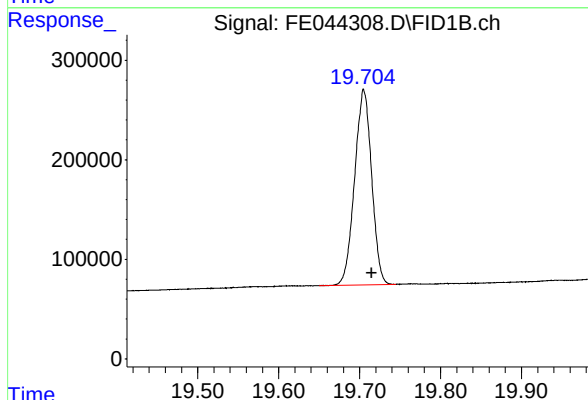
R.T.: 18.086 min
Delta R.T.: -0.009 min
Response: 2912995
Conc: 20.05 ug/ml

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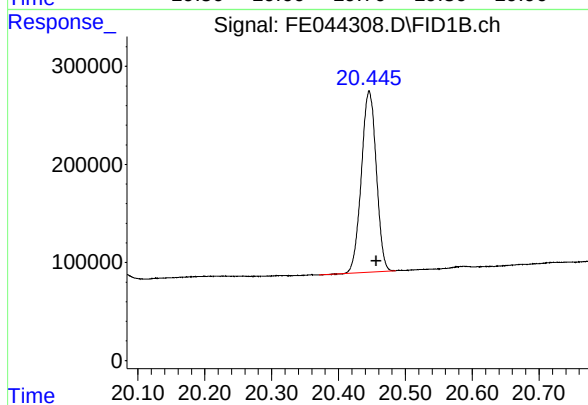
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.010 min
Response: 2936889
Conc: 20.62 ug/ml



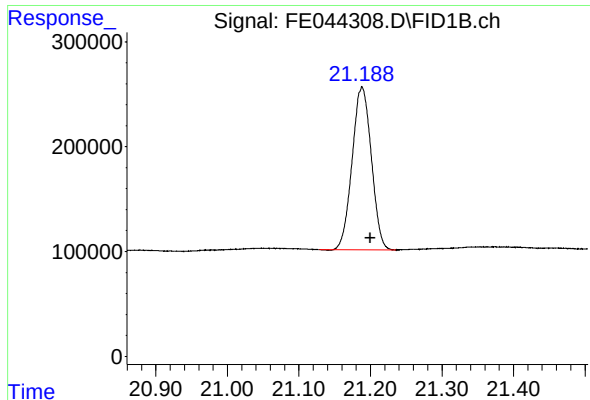
#19 n-Tetatriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.009 min
Response: 2866146
Conc: 20.48 ug/ml



#20 n-Hexatriacontane (C36)

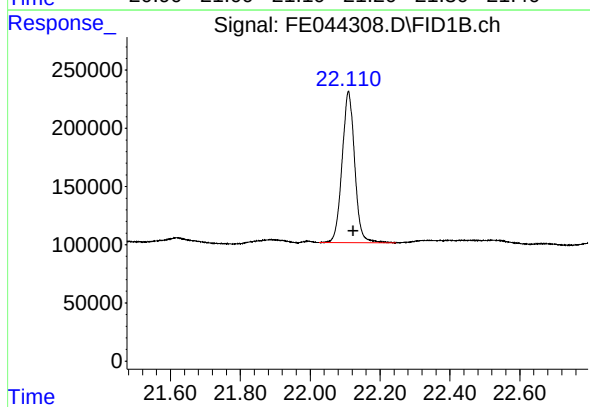
R.T.: 20.446 min
Delta R.T.: -0.011 min
Response: 2863959
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.011 min
Response: 2898542
Conc: 20.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.014 min
Response: 3249329
Conc: 23.50 ug/ml