

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011624AL\
 Data File : FE046250.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jan 2024 12:26
 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 17 01:18:00 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)	11.828	4177094	22.986 ug/ml
Spiked Amount 50.000		Recovery =	45.97%
12) S 1-chlorooctadecane (S...	13.272	3065223	22.941 ug/ml
Spiked Amount 50.000		Recovery =	45.88%
Target Compounds			
1) T n-Nonane (C9)	3.214	3247601	21.220 ug/ml
2) T n-Decane (C10)	4.465	3427572	22.085 ug/ml
3) T A~Naphthalene (C11.7)	6.168	3631715	21.838 ug/ml
4) T n-Dodecane (C12)	6.632	3503180	22.437 ug/ml
5) T A~2-methylnaphthalene...	7.264	3550591	22.301 ug/ml
6) T n-Tetradecane (C14)	8.459	3485269	22.374 ug/ml
7) T n-Hexadecane (C16)	10.069	3558586	22.472 ug/ml
8) T n-Octadecane (C18)	11.514	3578048	22.733 ug/ml
10) T n-Eicosane (C20)	12.825	3449623	22.803 ug/ml
11) T n-Heneicosane (C21)	13.438	3375876	22.957 ug/ml
13) T n-Docosane (C22)	14.026	3337666	22.834 ug/ml
14) T n-Tetracosane (C24)	15.132	3265260	22.514 ug/ml
15) T n-Hexacosane (C26)	16.156	3178590	22.171 ug/ml
16) T n-Octacosane (C28)	17.108	3171896	22.116 ug/ml
17) T n-Tricontane (C30)	17.998	3349620	22.536 ug/ml
18) T n-Dotriacontane (C32)	18.834	3410487	22.803 ug/ml
19) T n-Tetratriacontane (C34)	19.622	3323510	23.200 ug/ml
20) T n-Hexatriacontane (C36)	20.363	3217725	22.069 ug/ml
21) T n-Octatriacontane (C38)	21.096	3369955	22.854 ug/ml
22) T n-Tetracontane (C40)	21.991	3475952	22.207 ug/ml

(f)=RT Delta > 1/2 Window

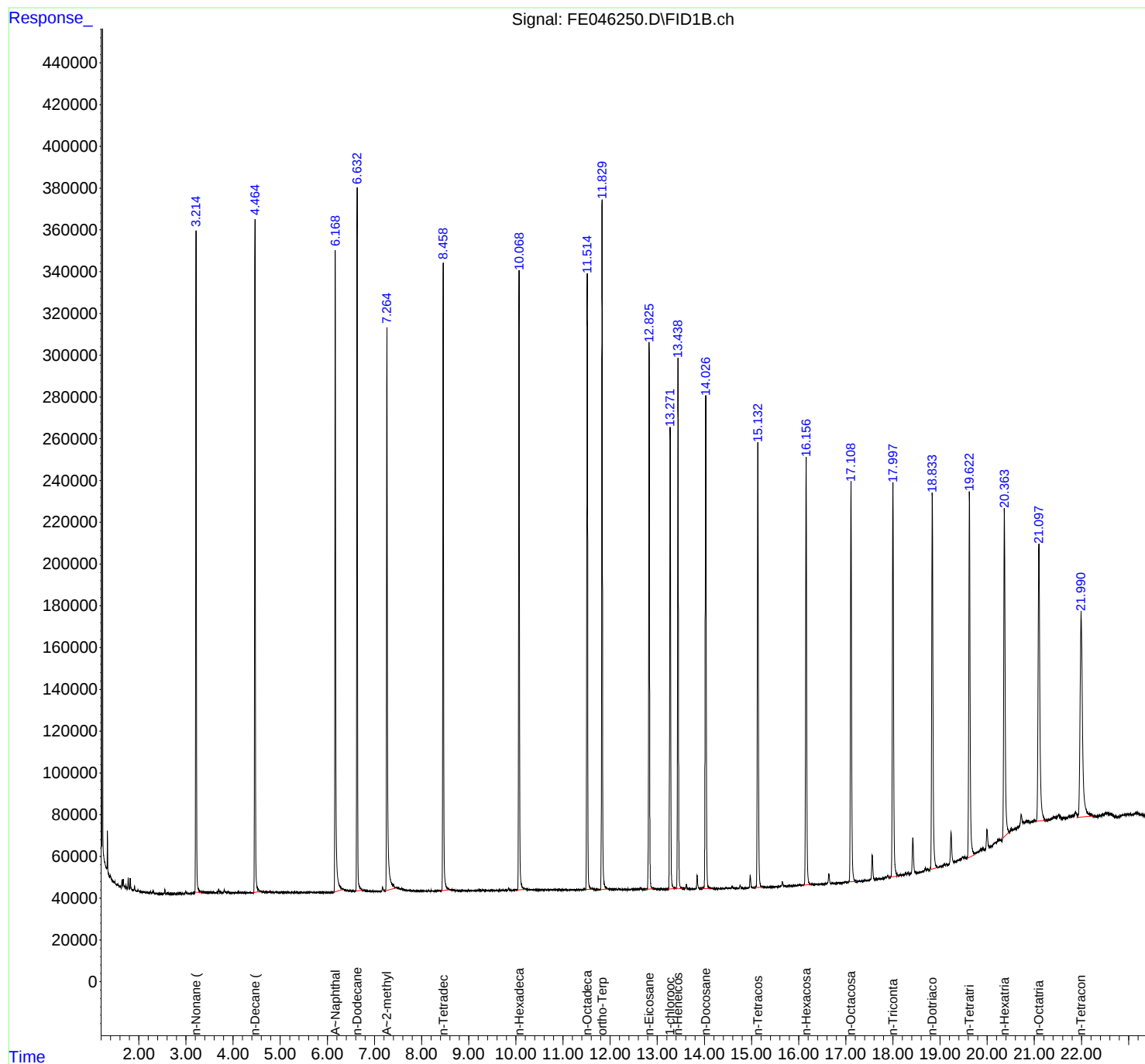
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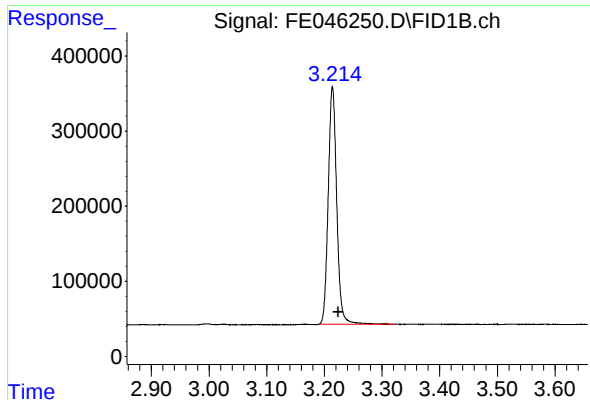
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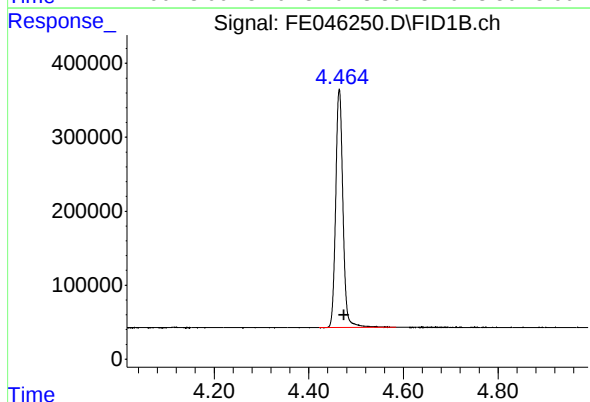




#1 n-Nonane (C9)

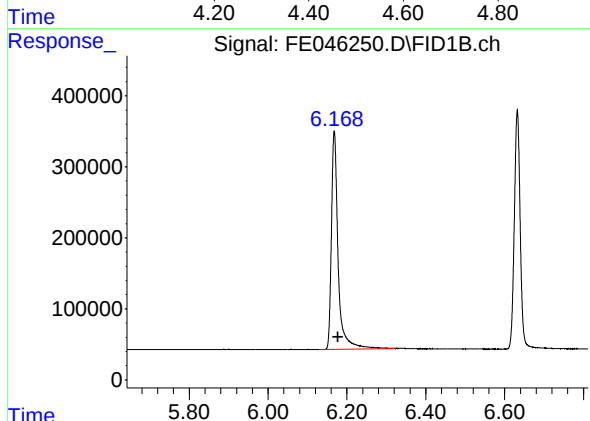
R.T.: 3.214 min
Delta R.T.: -0.010 min
Response: 3247601
Conc: 21.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



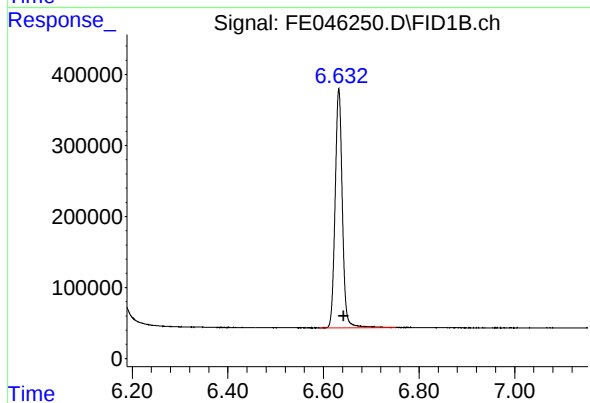
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.010 min
Response: 3427572
Conc: 22.09 ug/ml



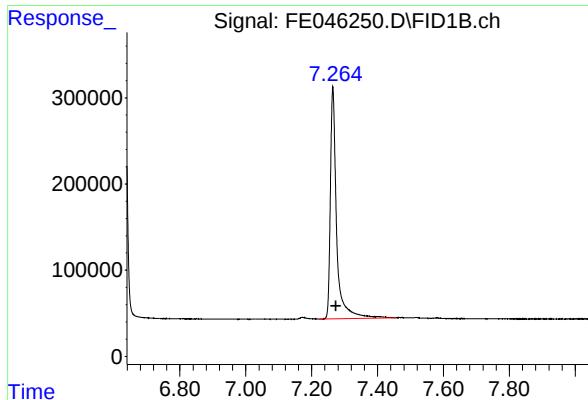
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.009 min
Response: 3631715
Conc: 21.84 ug/ml



#4 n-Dodecane (C12)

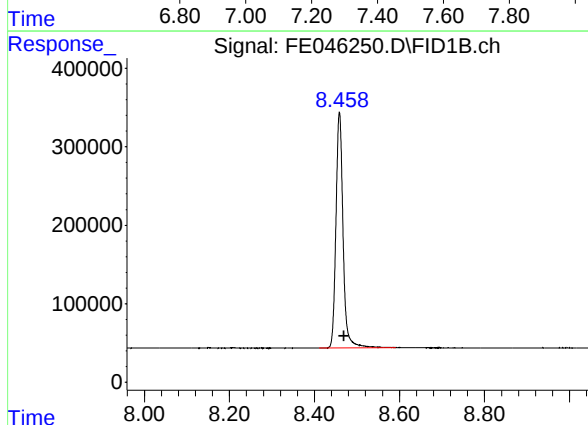
R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 3503180
Conc: 22.44 ug/ml



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

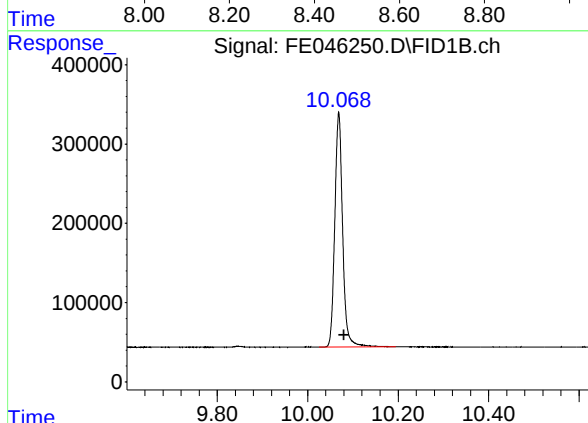
R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 3550591
Conc: 22.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



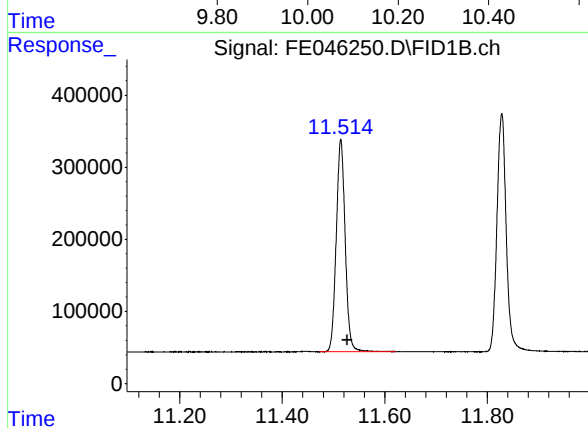
#6 n-Tetradecane (C14)

R.T.: 8.459 min
Delta R.T.: -0.011 min
Response: 3485269
Conc: 22.37 ug/ml



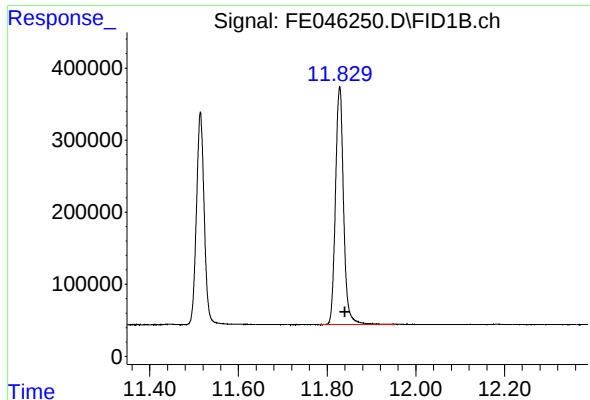
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.012 min
Response: 3558586
Conc: 22.47 ug/ml



#8 n-Octadecane (C18)

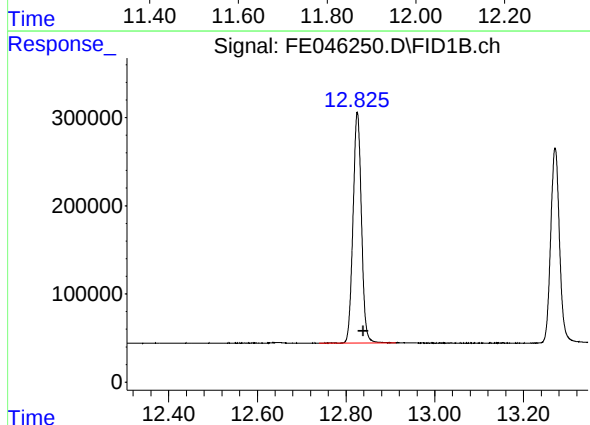
R.T.: 11.514 min
Delta R.T.: -0.013 min
Response: 3578048
Conc: 22.73 ug/ml



#9 ortho-Terphenyl (SURR)

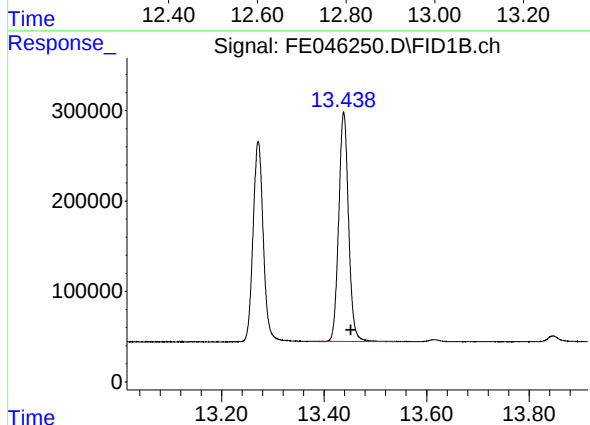
R.T.: 11.828 min
Delta R.T.: -0.012 min
Response: 4177094
Conc: 22.99 ug/ml

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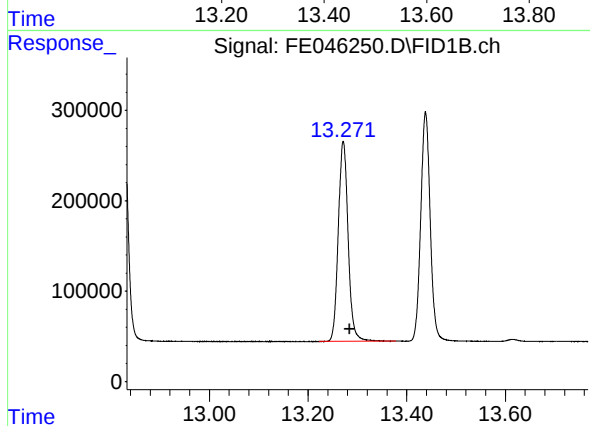
#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 3449623
Conc: 22.80 ug/ml



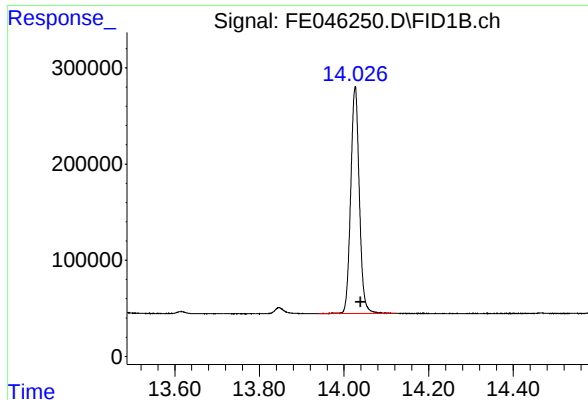
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.014 min
Response: 3375876
Conc: 22.96 ug/ml



#12 1-chlorooctadecane (SURR)

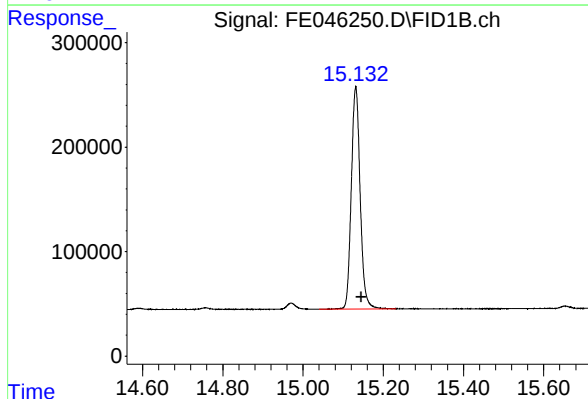
R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 3065223
Conc: 22.94 ug/ml



#13 n-Docosane (C22)

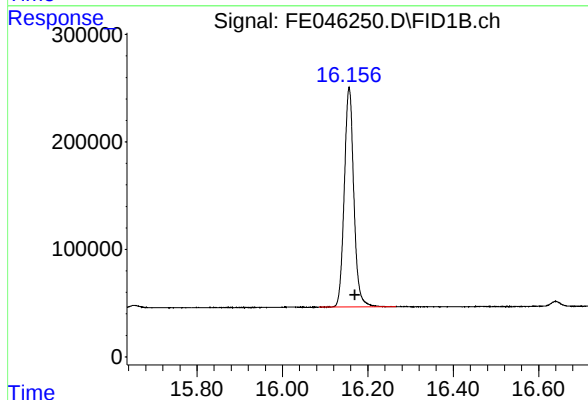
R.T.: 14.026 min
Delta R.T.: -0.013 min
Response: 3337666
Conc: 22.83 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



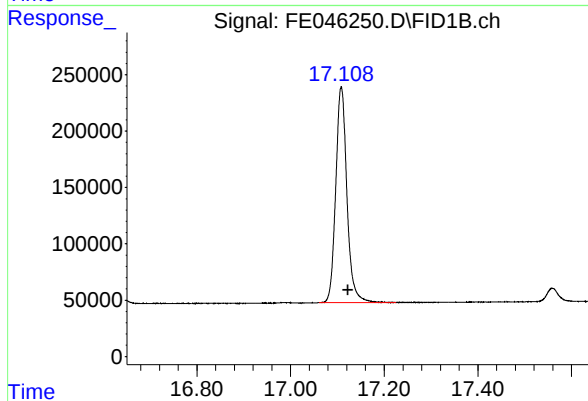
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.014 min
Response: 3265260
Conc: 22.51 ug/ml



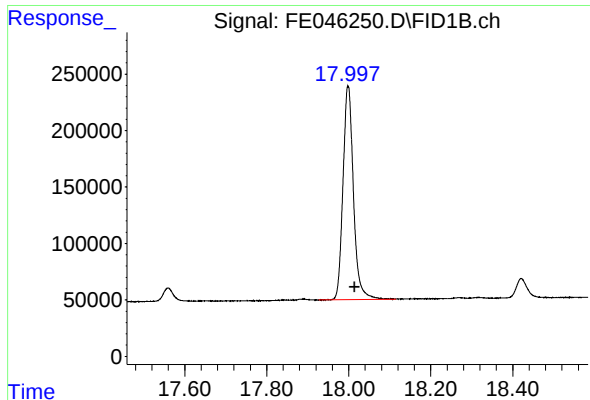
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.014 min
Response: 3178590
Conc: 22.17 ug/ml



#16 n-Octacosane (C28)

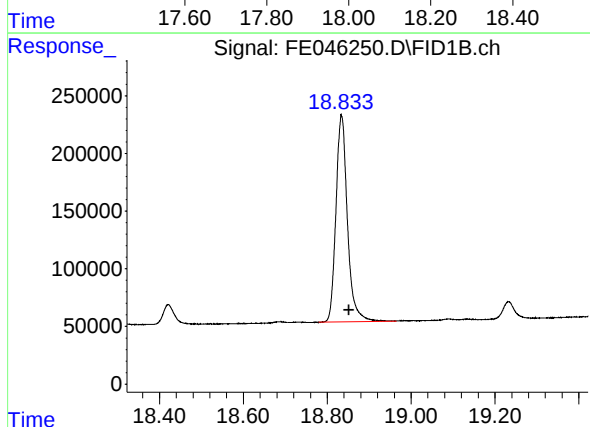
R.T.: 17.108 min
Delta R.T.: -0.014 min
Response: 3171896
Conc: 22.12 ug/ml



#17 n-Tricontane (C30)

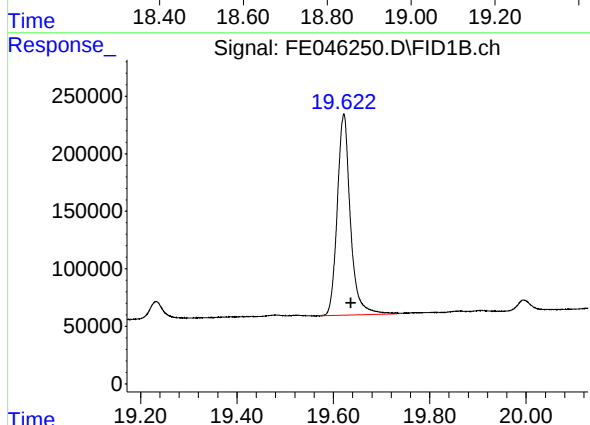
R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 3349620
Conc: 22.54 ug/ml

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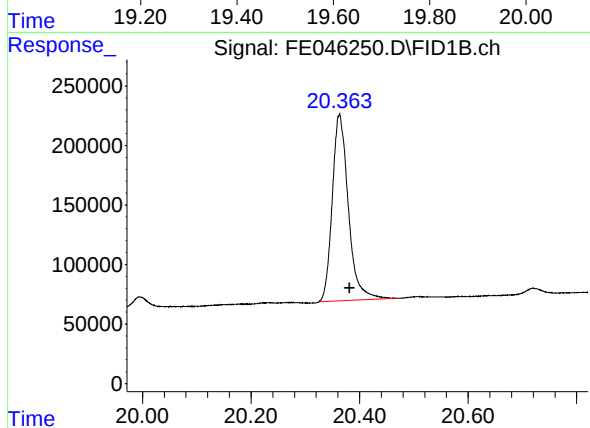
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 3410487
Conc: 22.80 ug/ml



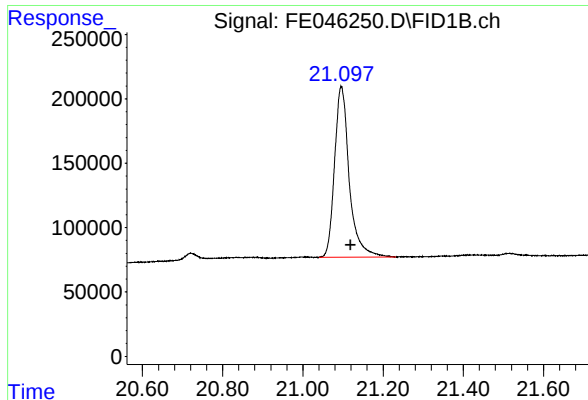
#19 n-Tetatriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.015 min
Response: 3323510
Conc: 23.20 ug/ml



#20 n-Hexatriacontane (C36)

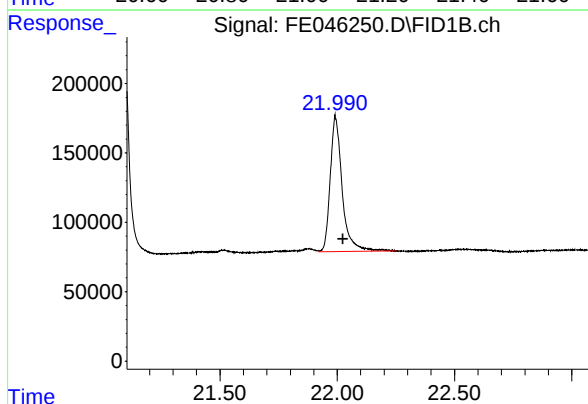
R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 3217725
Conc: 22.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.024 min
Response: 3369955
Conc: 22.85 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.991 min
Delta R.T.: -0.034 min
Response: 3475952
Conc: 22.21 ug/ml