

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011024AL\
 Data File : FE046138.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jan 2024 09:26
 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 11 01:12:34 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)	11.838	3256134	17.918 ug/ml
Spiked Amount 50.000		Recovery =	35.84%
12) S 1-chlorooctadecane (S...	13.283	2432453	18.206 ug/ml
Spiked Amount 50.000		Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.220	2566019	16.766 ug/ml
2) T n-Decane (C10)	4.471	2643104	17.031 ug/ml
3) T A~Naphthalene (C11.7)	6.175	2822329	16.971 ug/ml
4) T n-Dodecane (C12)	6.639	2690556	17.232 ug/ml
5) T A~2-methylnaphthalene...	7.272	2723746	17.108 ug/ml
6) T n-Tetradecane (C14)	8.466	2707862	17.383 ug/ml
7) T n-Hexadecane (C16)	10.077	2792425	17.634 ug/ml
8) T n-Octadecane (C18)	11.523	2814555	17.882 ug/ml
10) T n-Eicosane (C20)	12.836	2745583	18.149 ug/ml
11) T n-Heneicosane (C21)	13.450	2680561	18.229 ug/ml
13) T n-Docosane (C22)	14.039	2704855	18.505 ug/ml
14) T n-Tetracosane (C24)	15.145	2822402	19.460 ug/ml
15) T n-Hexacosane (C26)	16.170	2809008	19.593 ug/ml
16) T n-Octacosane (C28)	17.124	2927442	20.412 ug/ml
17) T n-Tricontane (C30)	18.016	3079726	20.720 ug/ml
18) T n-Dotriacontane (C32)	18.852	3018348	20.181 ug/ml
19) T n-Tetratriacontane (C34)	19.638	2801216	19.554 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2659171	18.238 ug/ml
21) T n-Octatriacontane (C38)	21.116	2606754	17.678 ug/ml
22) T n-Tetracontane (C40)	22.024	2707407	17.297 ug/ml

(f)=RT Delta > 1/2 Window

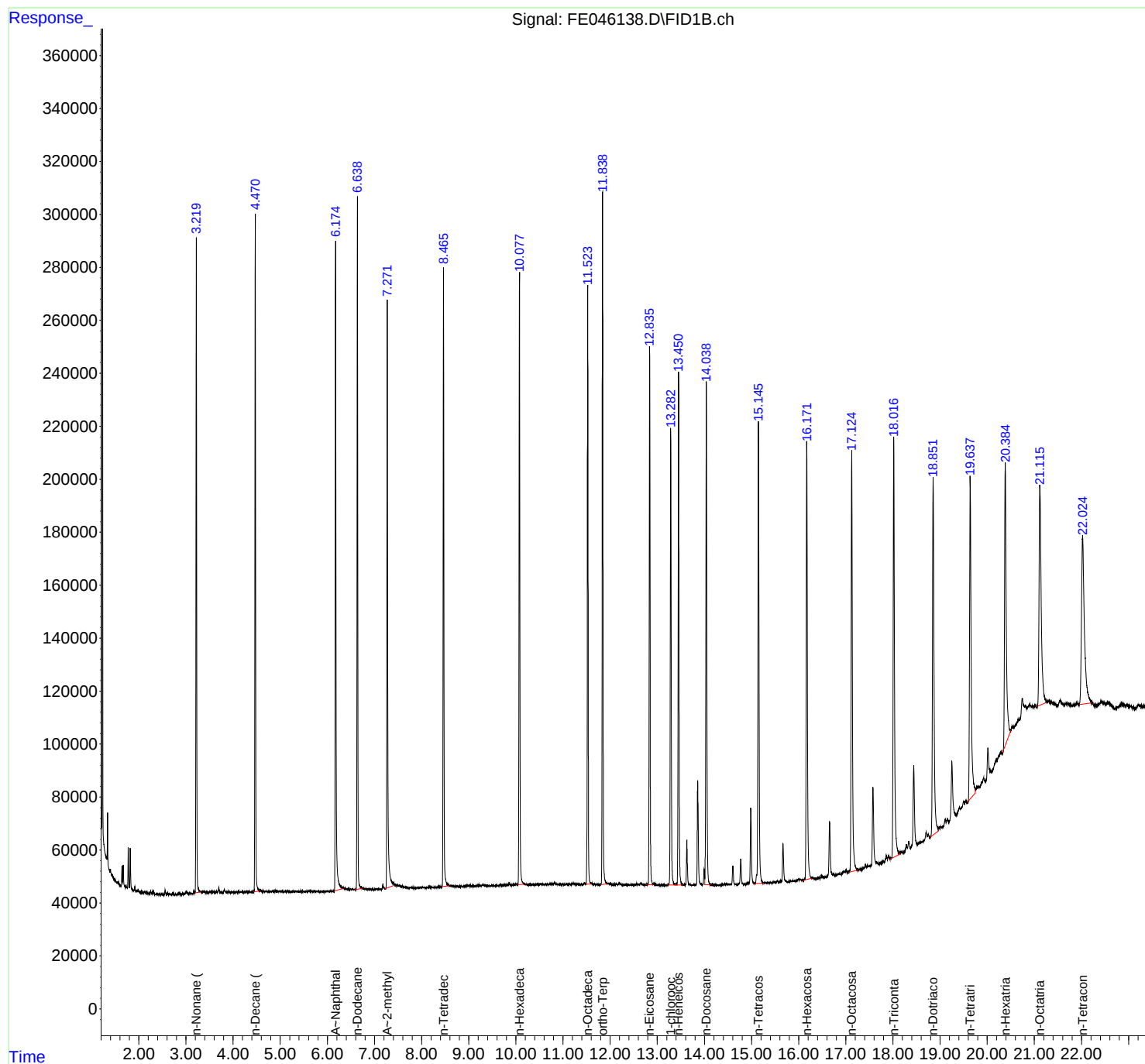
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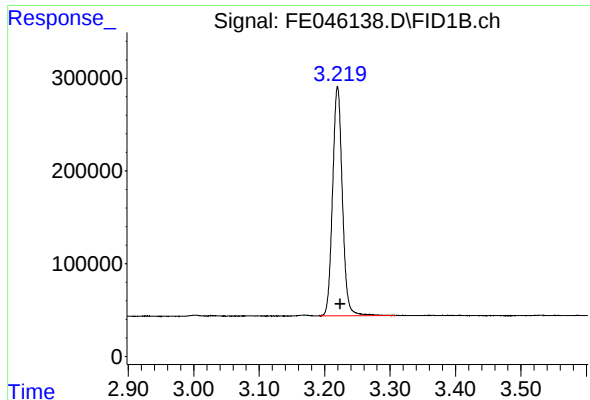
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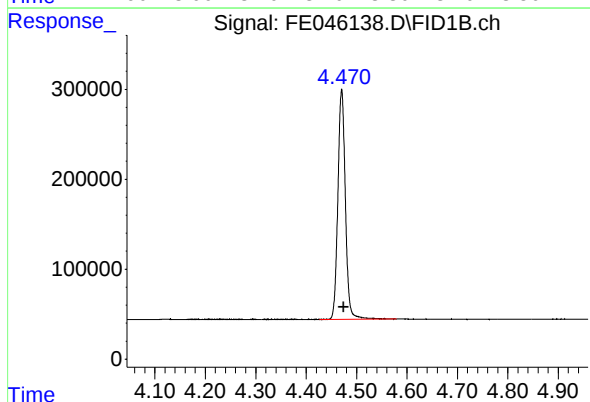




#1 n-Nonane (C9)

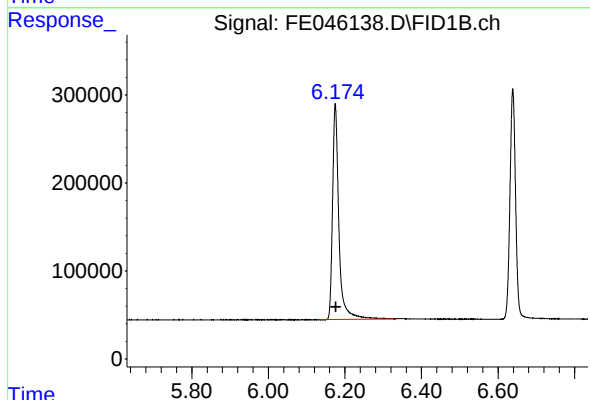
R.T.: 3.220 min
Delta R.T.: -0.004 min
Response: 2566019
Conc: 16.77 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



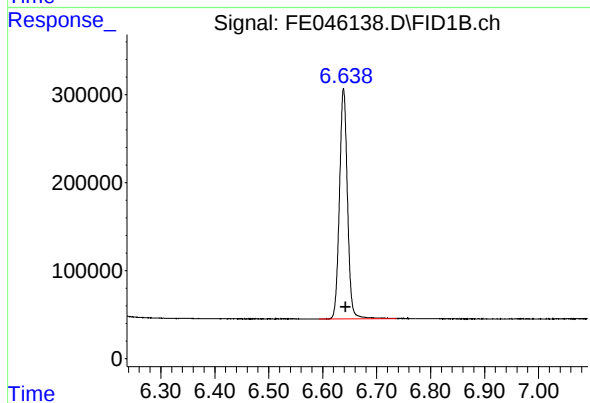
#2 n-Decane (C10)

R.T.: 4.471 min
Delta R.T.: -0.004 min
Response: 2643104
Conc: 17.03 ug/ml



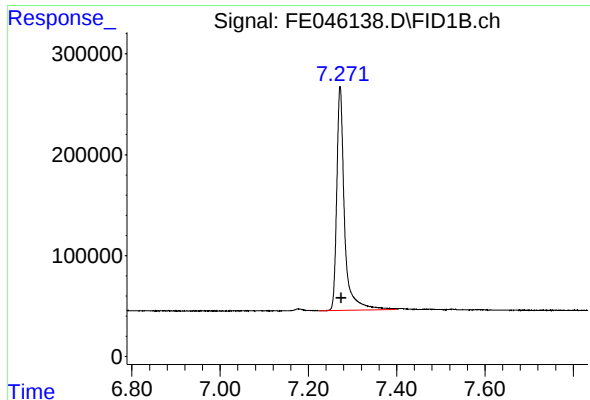
#3 A~Naphthalene (C11.7)

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 2822329
Conc: 16.97 ug/ml



#4 n-Dodecane (C12)

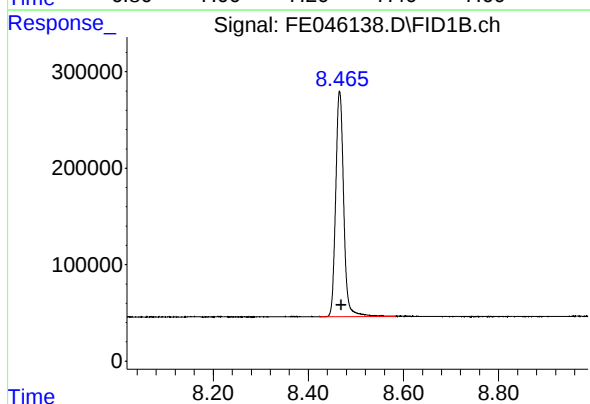
R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 2690556
Conc: 17.23 ug/ml



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

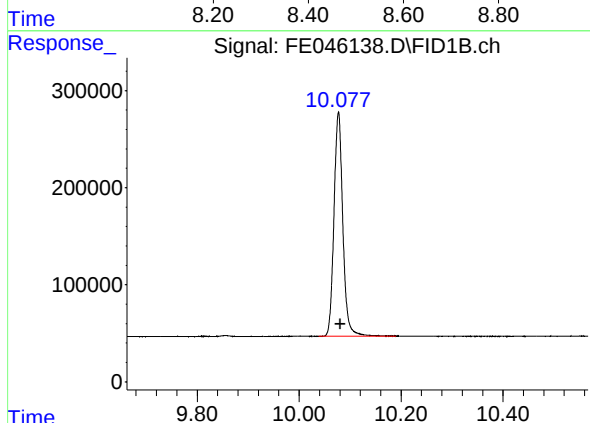
R.T.: 7.272 min
Delta R.T.: -0.002 min
Response: 2723746
Conc: 17.11 ug/ml

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20 PPM ALIPHATIC HC STD



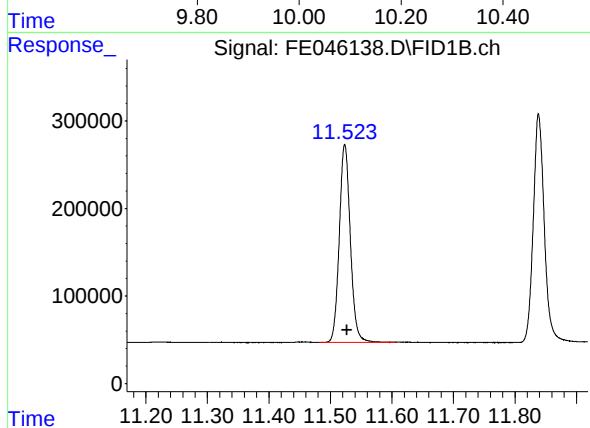
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.004 min
Response: 2707862
Conc: 17.38 ug/ml



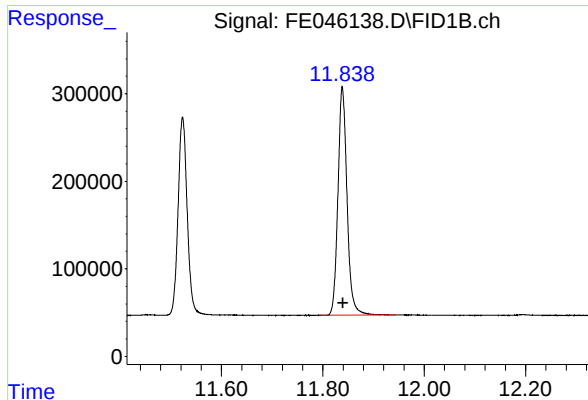
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.003 min
Response: 2792425
Conc: 17.63 ug/ml



#8 n-Octadecane (C18)

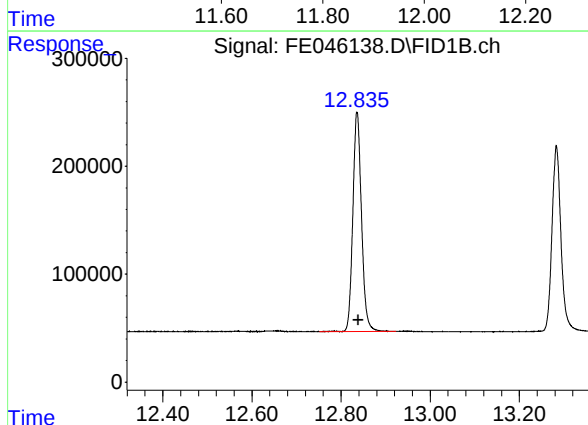
R.T.: 11.523 min
Delta R.T.: -0.003 min
Response: 2814555
Conc: 17.88 ug/ml



#9 ortho-Terphenyl (SURR)

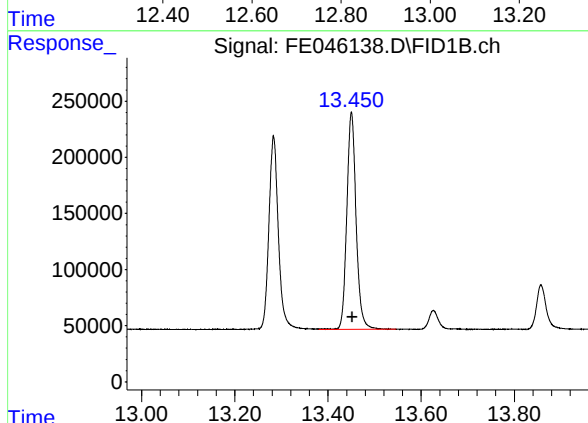
R.T.: 11.838 min
Delta R.T.: -0.002 min
Response: 3256134
Conc: 17.92 ug/ml

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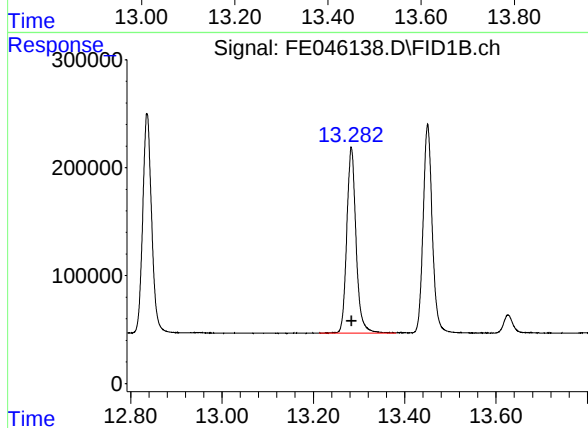
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.003 min
Response: 2745583
Conc: 18.15 ug/ml



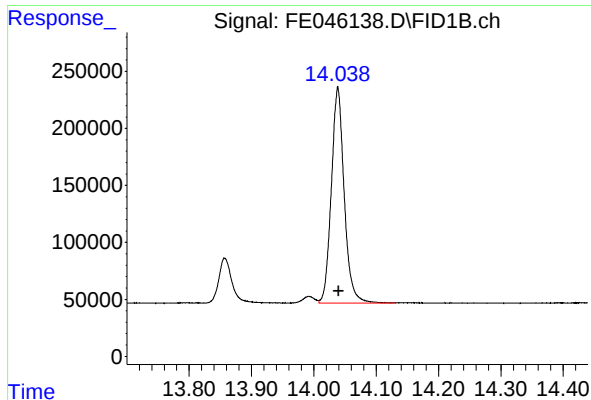
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 2680561
Conc: 18.23 ug/ml



#12 1-chlorooctadecane (SURR)

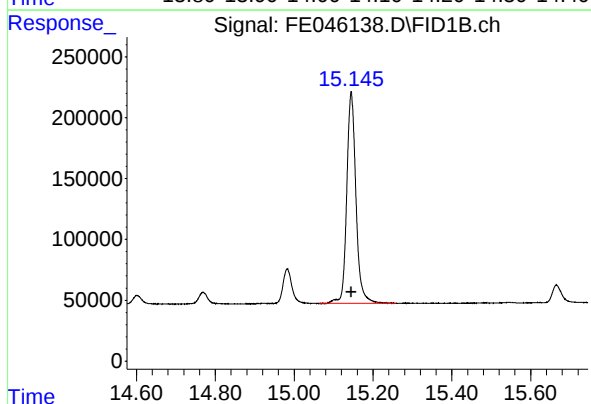
R.T.: 13.283 min
Delta R.T.: -0.001 min
Response: 2432453
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

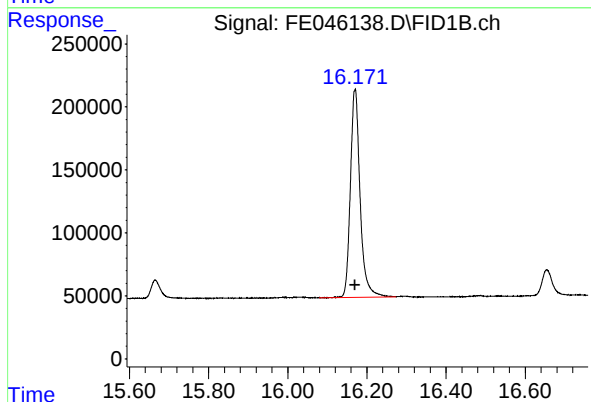
R.T.: 14.039 min
Delta R.T.: 0.000 min
Response: 2704855
Conc: 18.50 ug/ml

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20 PPM ALIPHATIC HC STD



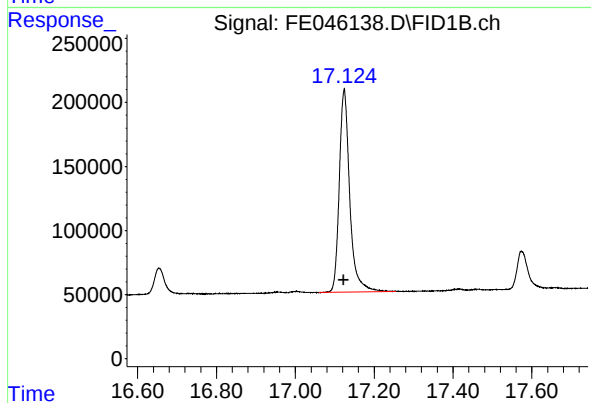
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 2822402
Conc: 19.46 ug/ml



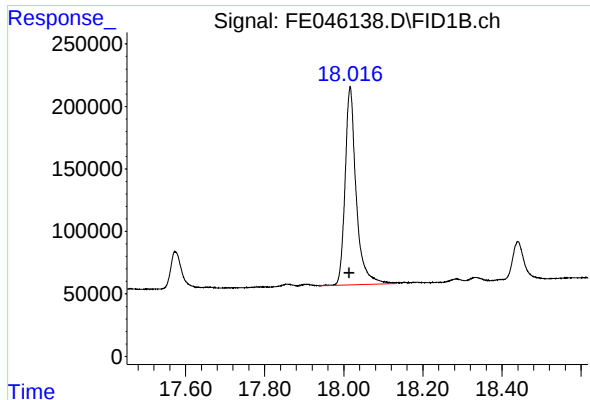
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.000 min
Response: 2809008
Conc: 19.59 ug/ml



#16 n-Octacosane (C28)

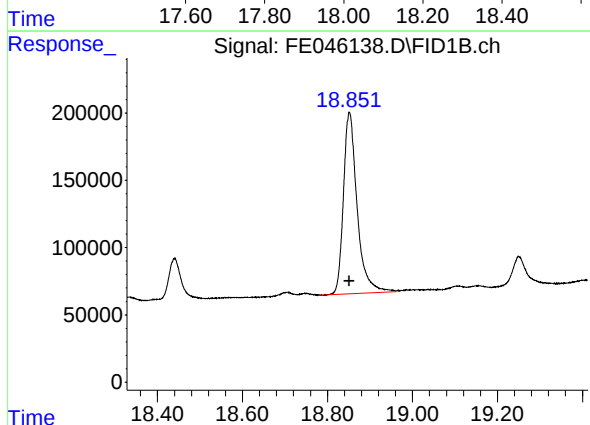
R.T.: 17.124 min
Delta R.T.: 0.001 min
Response: 2927442
Conc: 20.41 ug/ml



#17 n-Tricontane (C30)

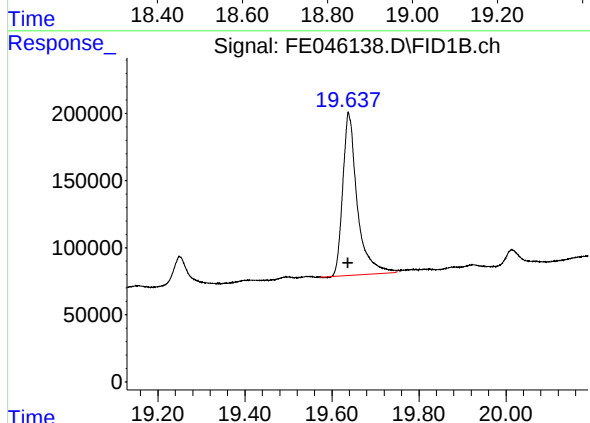
R.T.: 18.016 min
Delta R.T.: 0.002 min
Response: 3079726
Conc: 20.72 ug/ml

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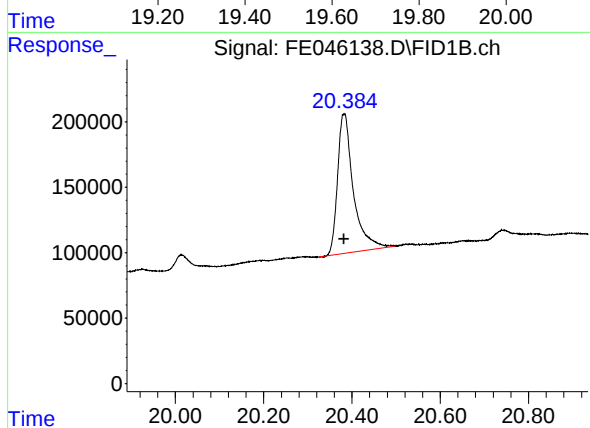
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: 0.000 min
Response: 3018348
Conc: 20.18 ug/ml



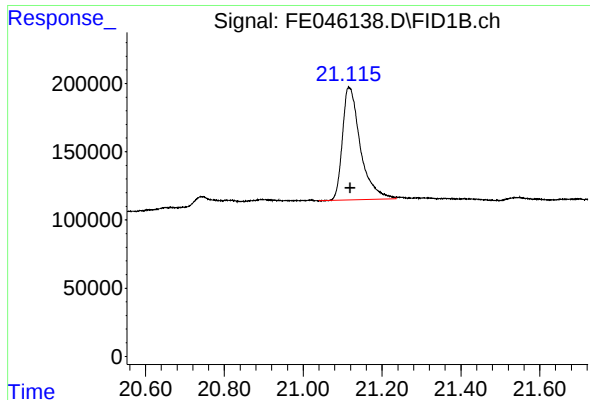
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: 0.001 min
Response: 2801216
Conc: 19.55 ug/ml



#20 n-Hexatriacontane (C36)

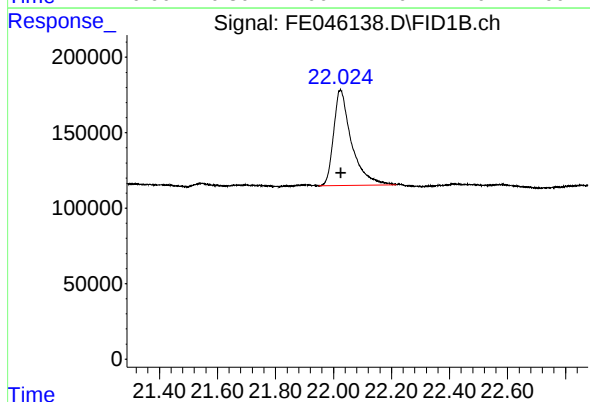
R.T.: 20.383 min
Delta R.T.: 0.000 min
Response: 2659171
Conc: 18.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.004 min
Response: 2606754
Conc: 17.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.001 min
Response: 2707407
Conc: 17.30 ug/ml