

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020223AL\
 Data File : FE040176.D
 Signal(s) : FID1B.ch
 Acq On : 02 Feb 2023 05:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 02 06:03:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.896	3071703	18.977 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	13.334	2358028	19.013 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.292	2591030	19.037 ug/ml
2) T n-Decane (C10)	4.541	2532185	19.058 ug/ml
3) T A~Naphthalene (C11.7)	6.243	2812825	19.220 ug/ml
4) T n-Dodecane (C12)	6.704	2564488	19.047 ug/ml
5) T A~2-methylnaphthalene...	7.337	2613297	19.307 ug/ml
6) T n-Tetradecane (C14)	8.531	2618590	19.001 ug/ml
7) T n-Hexadecane (C16)	10.137	2723676	18.978 ug/ml
8) T n-Octadecane (C18)	11.580	2816793	18.936 ug/ml
10) T n-Eicosane (C20)	12.889	2784628	18.941 ug/ml
11) T n-Heneicosane (C21)	13.502	2796966	18.963 ug/ml
13) T n-Docosane (C22)	14.088	2801517	18.908 ug/ml
14) T n-Tetracosane (C24)	15.191	2850662	18.779 ug/ml
15) T n-Hexacosane (C26)	16.212	2785139	18.787 ug/ml
16) T n-Octacosane (C28)	17.163	2784593	18.581 ug/ml
17) T n-Tricontane (C30)	18.052	2735770	18.542 ug/ml
18) T n-Dotriacontane (C32)	18.885	2698239	18.423 ug/ml
19) T n-Tetratriacontane (C34)	19.669	2556388	18.586 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2410280	18.171 ug/ml
21) T n-Octatriacontane (C38)	21.143	2397805	18.483 ug/ml
22) T n-Tetracontane (C40)	22.041	2458529	18.517 ug/ml

(f)=RT Delta > 1/2 Window

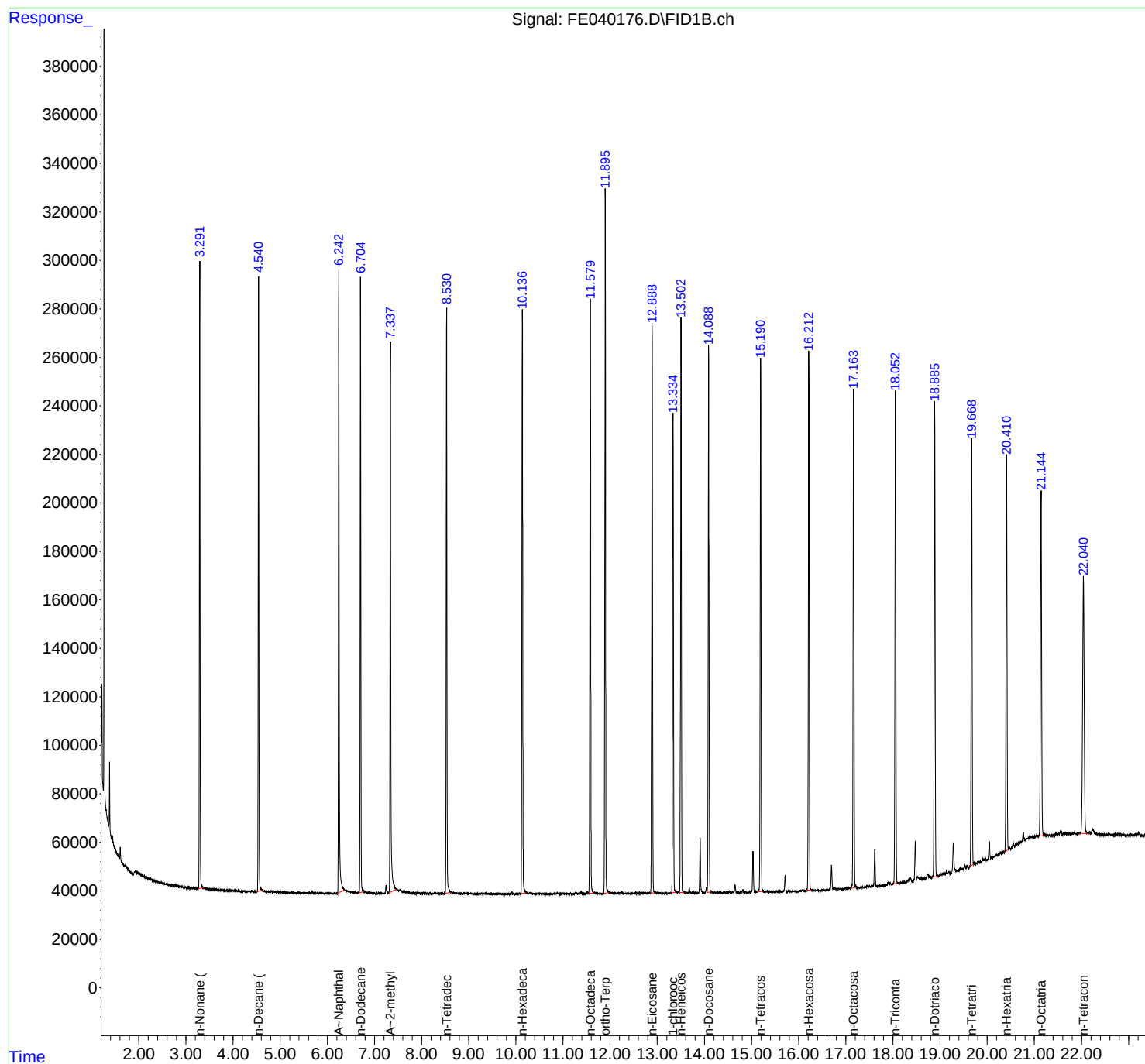
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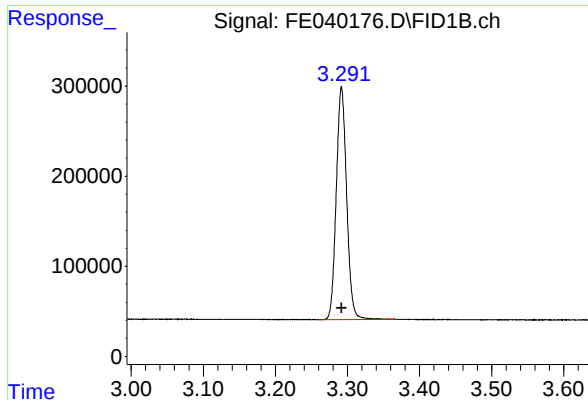
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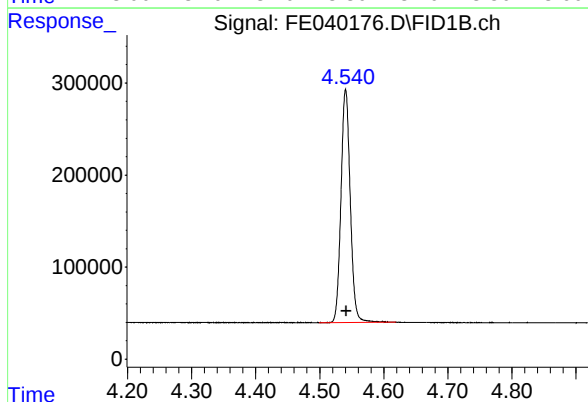




#1 n-Nonane (C9)

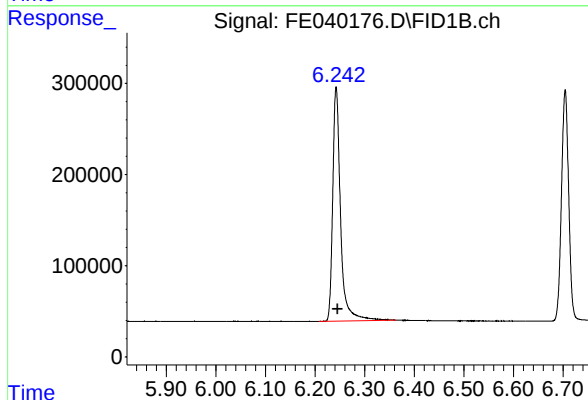
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 2591030
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



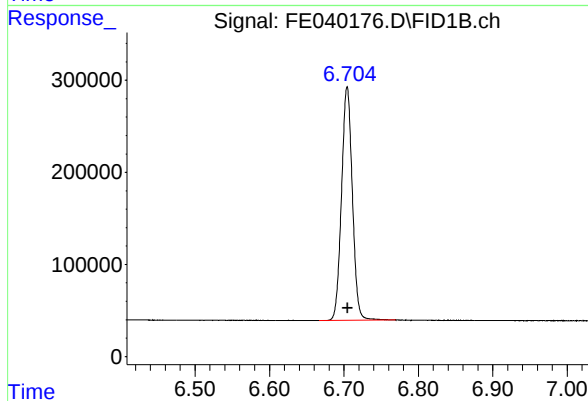
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 2532185
Conc: 19.06 ug/ml



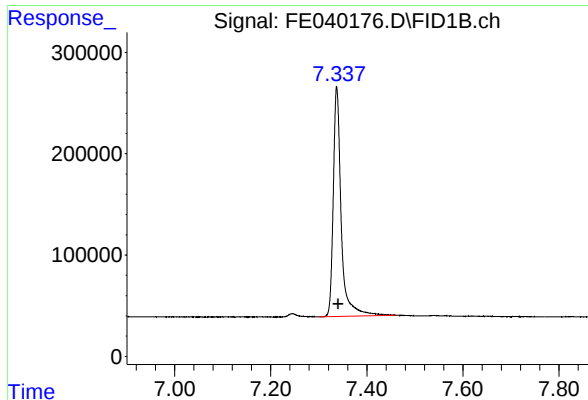
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.003 min
Response: 2812825
Conc: 19.22 ug/ml



#4 n-Dodecane (C12)

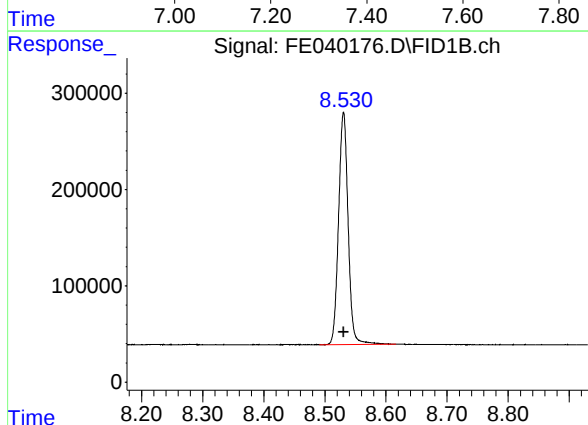
R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 2564488
Conc: 19.05 ug/ml



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

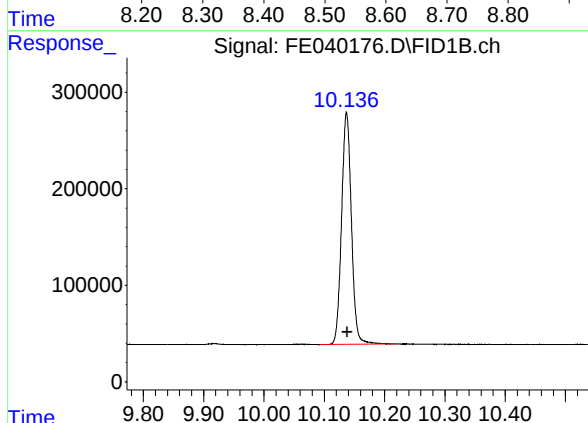
R.T.: 7.337 min
Delta R.T.: -0.003 min
Response: 2613297
Conc: 19.31 ug/ml

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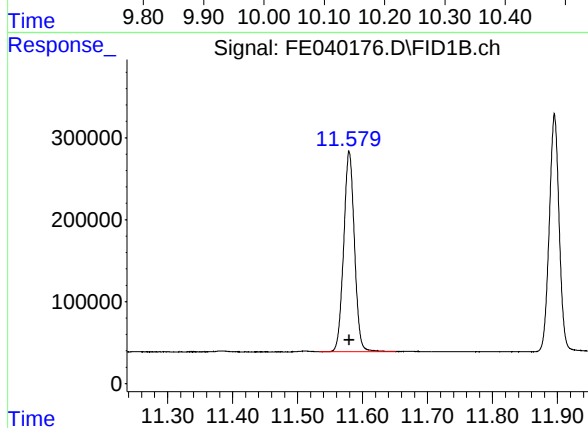
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 2618590
Conc: 19.00 ug/ml



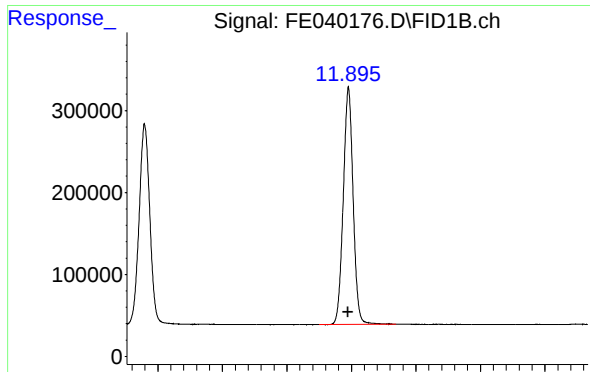
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: 0.000 min
Response: 2723676
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

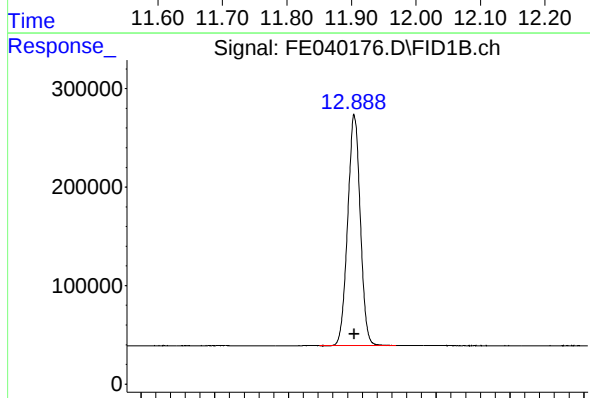
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 2816793
Conc: 18.94 ug/ml



#9 ortho-Terphenyl (SURR)

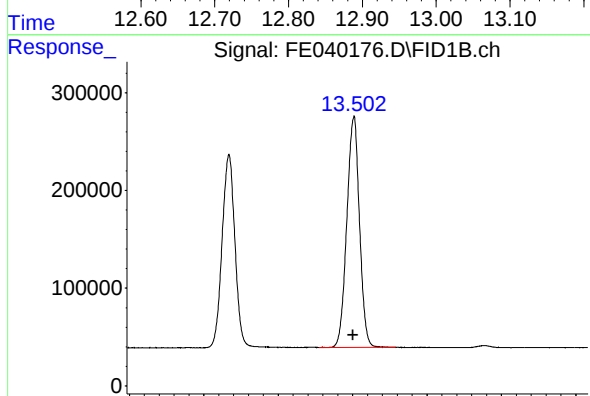
R.T.: 11.896 min
Delta R.T.: 0.000 min
Response: 3071703
Conc: 18.98 ug/ml

Instrument :
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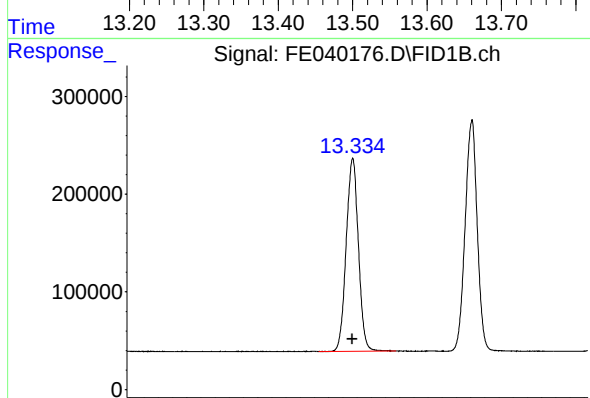
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 2784628
Conc: 18.94 ug/ml



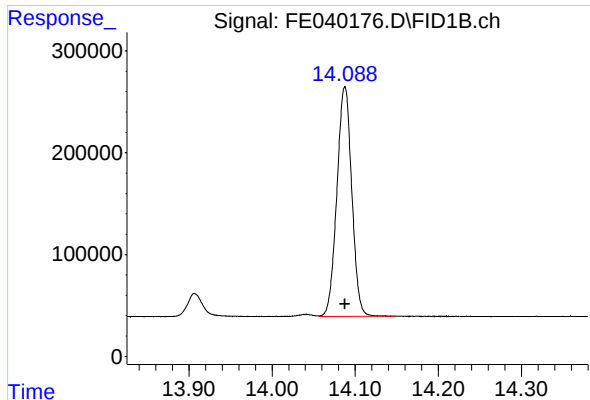
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: 0.001 min
Response: 2796966
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

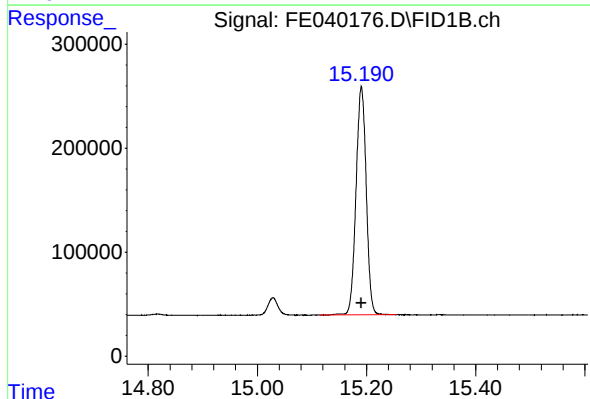
R.T.: 13.334 min
Delta R.T.: 0.000 min
Response: 2358028
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

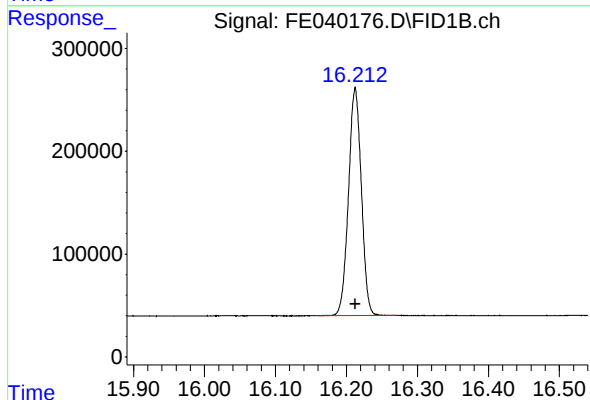
R.T.: 14.088 min
Delta R.T.: 0.000 min
Response: 2801517
Conc: 18.91 ug/ml

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20 PPM ALIPHATIC HC STD



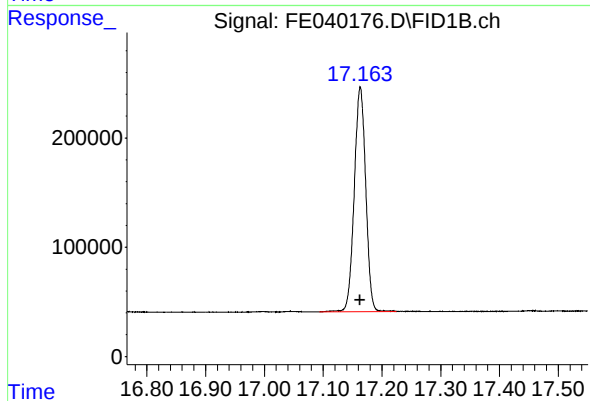
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.000 min
Response: 2850662
Conc: 18.78 ug/ml



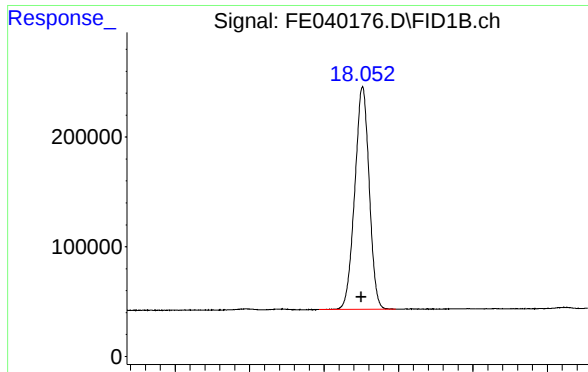
#15 n-Hexacosane (C26)

R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2785139
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

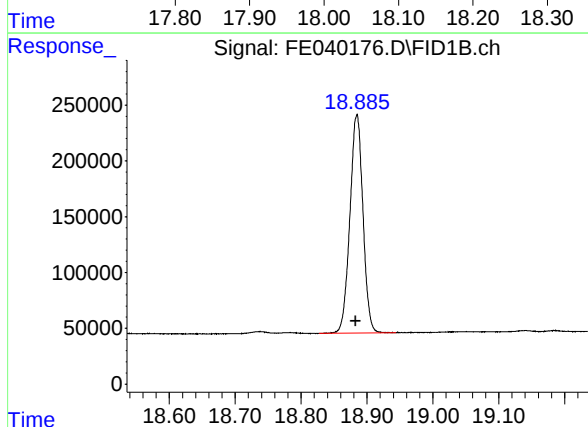
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2784593
Conc: 18.58 ug/ml



#17 n-Tricontane (C30)

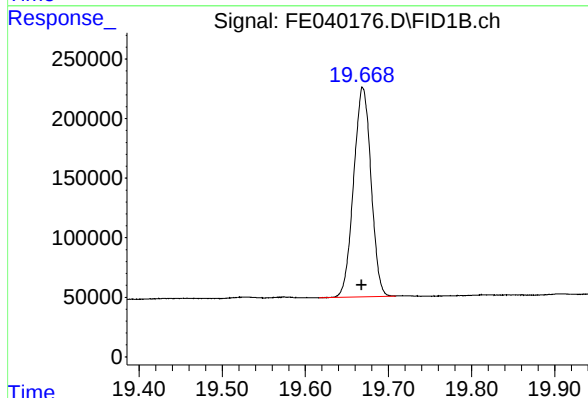
R.T.: 18.052 min
Delta R.T.: 0.002 min
Response: 2735770
Conc: 18.54 ug/ml

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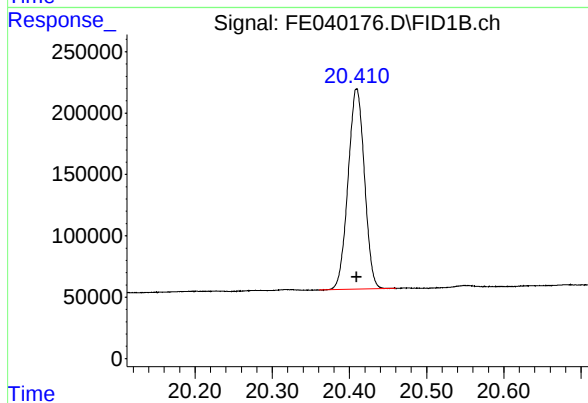
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: 0.002 min
Response: 2698239
Conc: 18.42 ug/ml



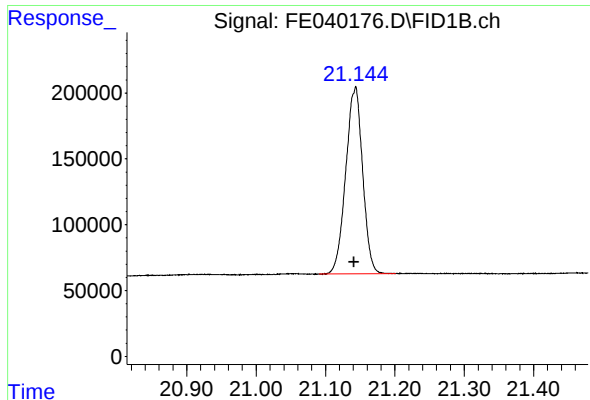
#19 n-Tetatriacontane (C34)

R.T.: 19.669 min
Delta R.T.: 0.002 min
Response: 2556388
Conc: 18.59 ug/ml



#20 n-Hexatriacontane (C36)

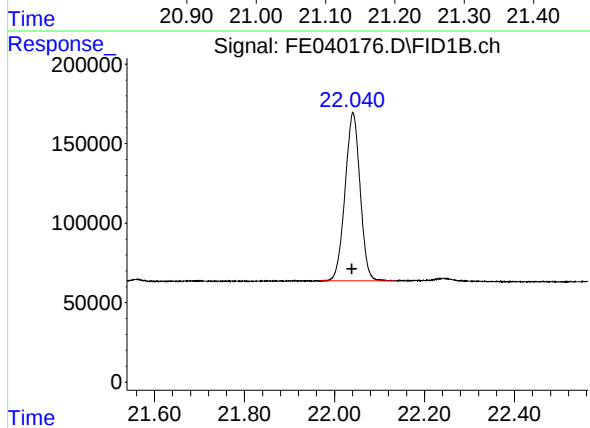
R.T.: 20.409 min
Delta R.T.: 0.000 min
Response: 2410280
Conc: 18.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.143 min
Delta R.T.: 0.002 min
Response: 2397805
Conc: 18.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.041 min
Delta R.T.: 0.002 min
Response: 2458529
Conc: 18.52 ug/ml