

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020823AL\
 Data File : FE040254.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2023 13:26
 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: Feb 09 02:34:53 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)	11.893	3373525	20.842 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
12) S 1-chlorooctadecane (S...	13.331	2510604	20.243 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.287	2859371	21.009 ug/ml
2) T n-Decane (C10)	4.537	2783376	20.948 ug/ml
3) T A~Naphthalene (C11.7)	6.239	3069618	20.974 ug/ml
4) T n-Dodecane (C12)	6.701	2816420	20.918 ug/ml
5) T A~2-methylnaphthalene...	7.334	2849603	21.053 ug/ml
6) T n-Tetradecane (C14)	8.528	2860993	20.759 ug/ml
7) T n-Hexadecane (C16)	10.135	2962515	20.642 ug/ml
8) T n-Octadecane (C18)	11.577	3067290	20.620 ug/ml
10) T n-Eicosane (C20)	12.887	3013538	20.498 ug/ml
11) T n-Heneicosane (C21)	13.499	3040742	20.616 ug/ml
13) T n-Docosane (C22)	14.085	3007563	20.298 ug/ml
14) T n-Tetracosane (C24)	15.188	2991467	19.706 ug/ml
15) T n-Hexacosane (C26)	16.209	2898367	19.551 ug/ml
16) T n-Octacosane (C28)	17.159	2812837	18.769 ug/ml
17) T n-Tricontane (C30)	18.048	2706823	18.345 ug/ml
18) T n-Dotriacontane (C32)	18.882	2633158	17.979 ug/ml
19) T n-Tetratriacontane (C34)	19.666	2517022	18.300 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2327949	17.551 ug/ml
21) T n-Octatriacontane (C38)	21.140	2214146	17.067 ug/ml
22) T n-Tetracontane (C40)	22.037	2059240	15.510 ug/ml

(f)=RT Delta > 1/2 Window

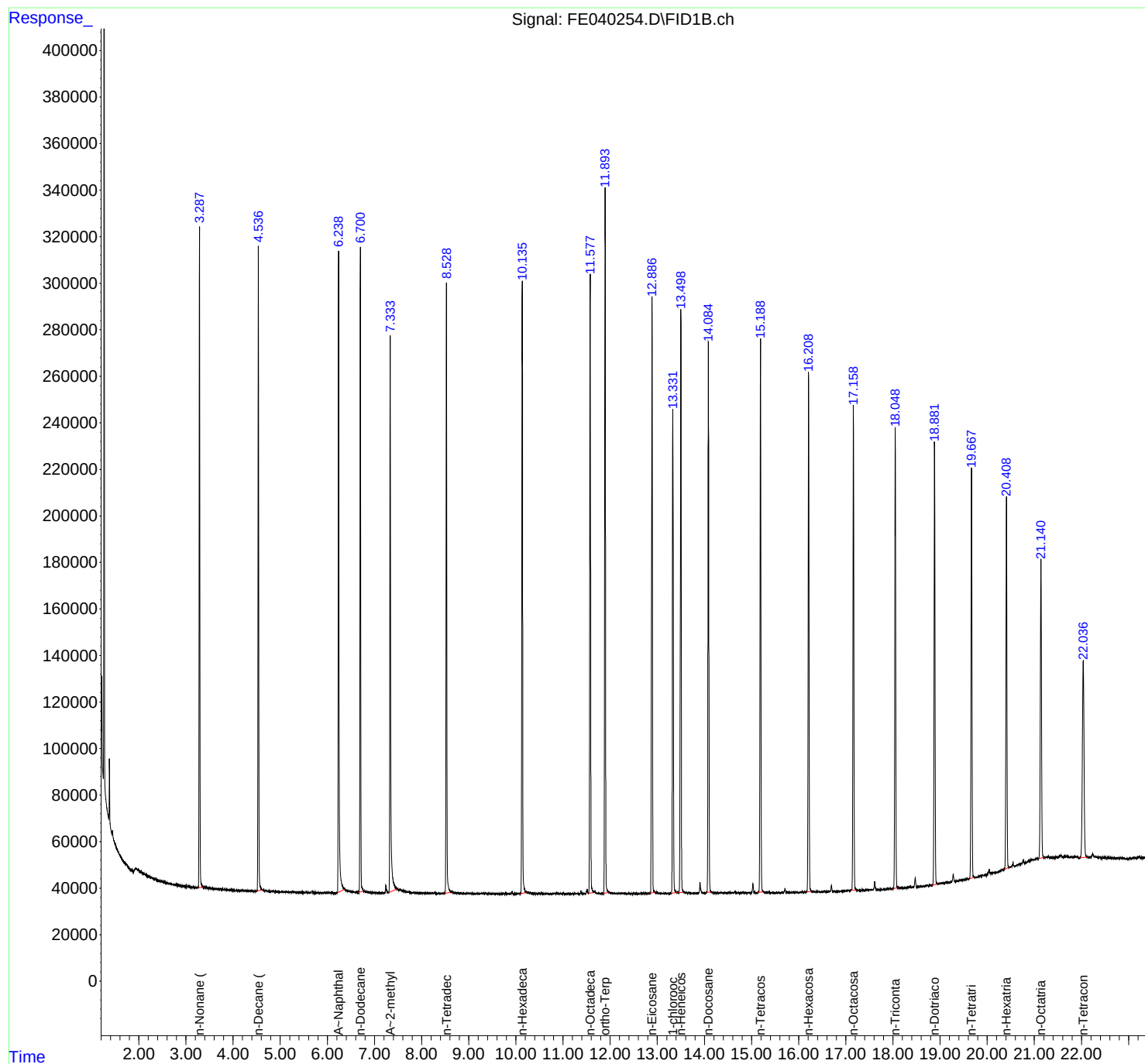
(m)=manual int.

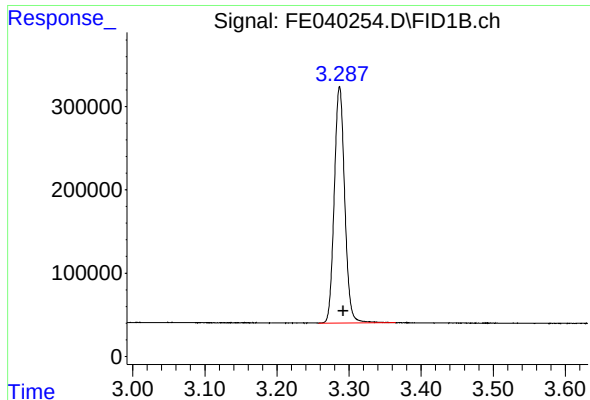
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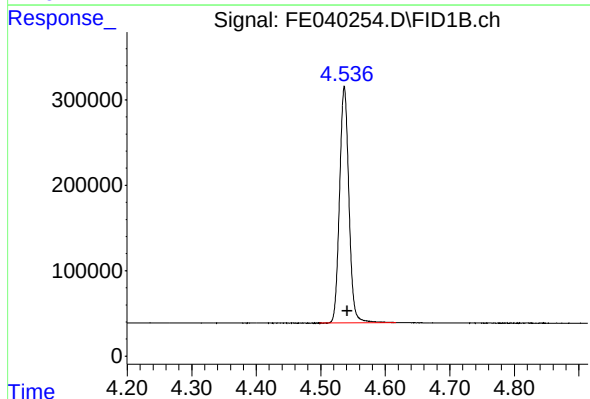




#1 n-Nonane (C9)

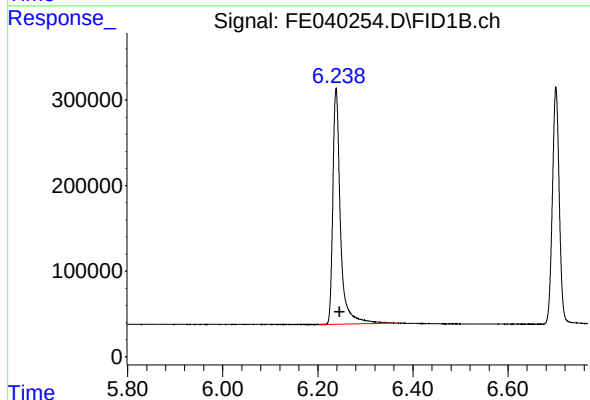
R.T.: 3.287 min
Delta R.T.: -0.005 min
Response: 2859371
Conc: 21.01 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



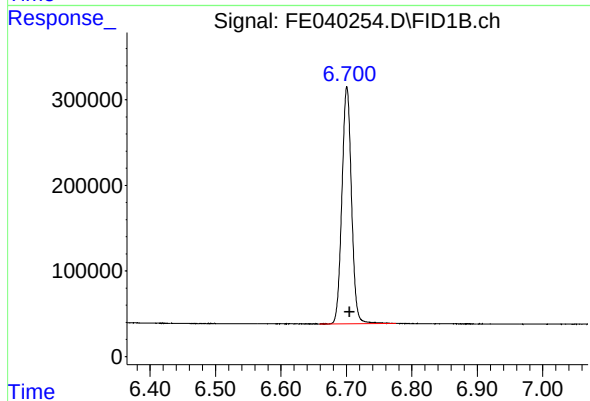
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.005 min
Response: 2783376
Conc: 20.95 ug/ml



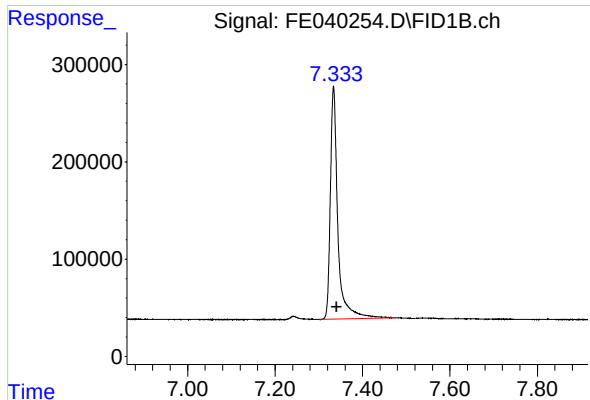
#3 A~Naphthalene (C11.7)

R.T.: 6.239 min
Delta R.T.: -0.007 min
Response: 3069618
Conc: 20.97 ug/ml



#4 n-Dodecane (C12)

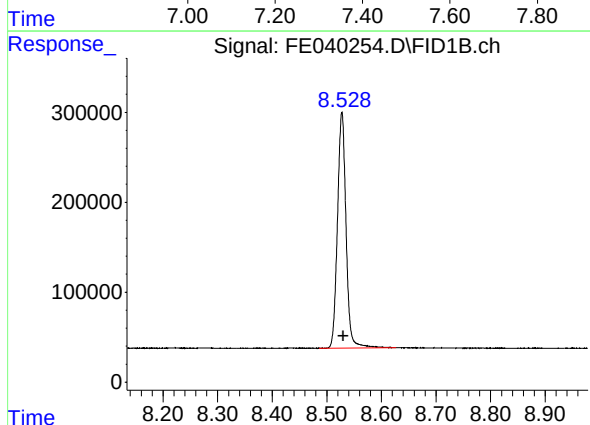
R.T.: 6.701 min
Delta R.T.: -0.004 min
Response: 2816420
Conc: 20.92 ug/ml



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

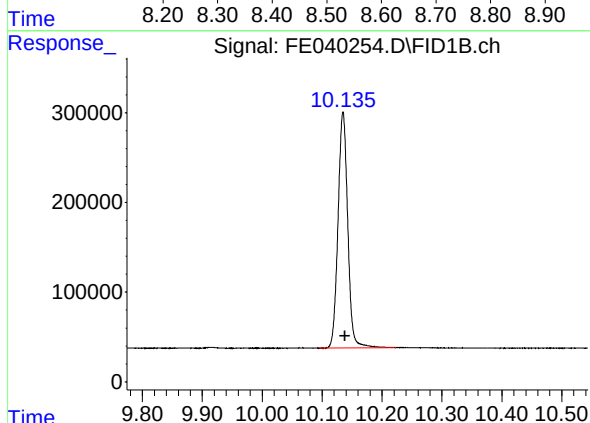
R.T.: 7.334 min
Delta R.T.: -0.007 min
Response: 2849603
Conc: 21.05 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



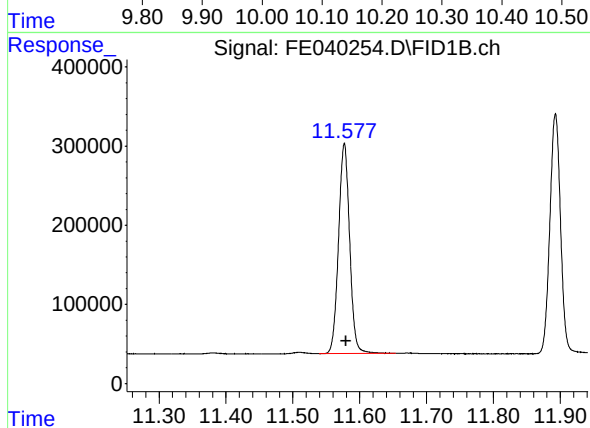
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2860993
Conc: 20.76 ug/ml



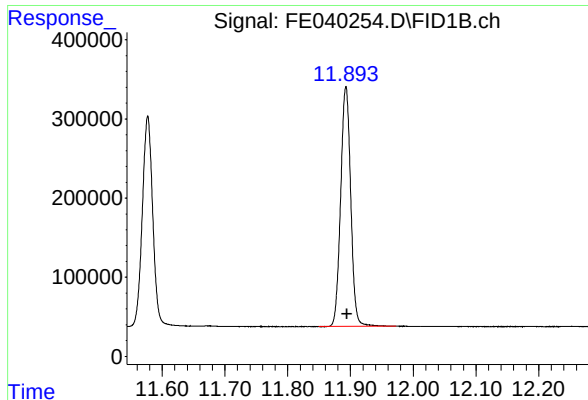
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 2962515
Conc: 20.64 ug/ml



#8 n-Octadecane (C18)

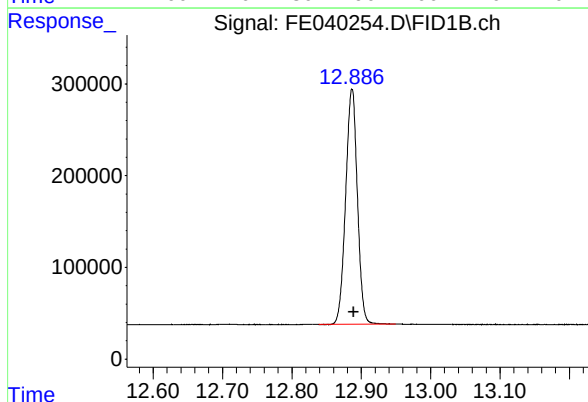
R.T.: 11.577 min
Delta R.T.: -0.002 min
Response: 3067290
Conc: 20.62 ug/ml



#9 ortho-Terphenyl (SURR)

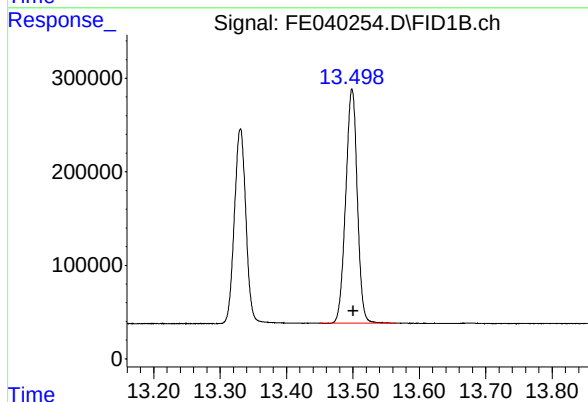
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 3373525
Conc: 20.84 ug/ml

Instrument :
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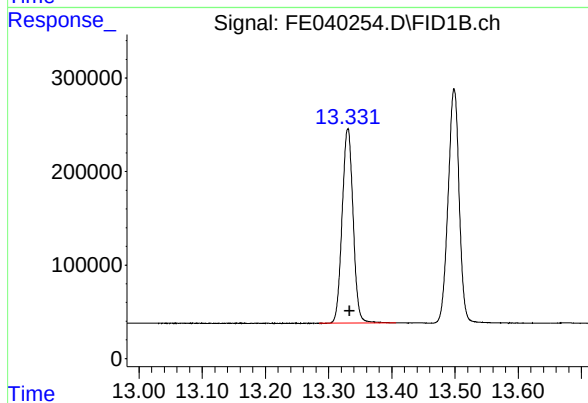
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.002 min
Response: 3013538
Conc: 20.50 ug/ml



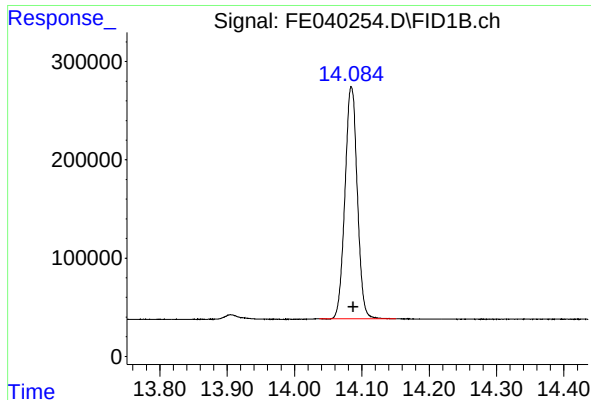
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.002 min
Response: 3040742
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

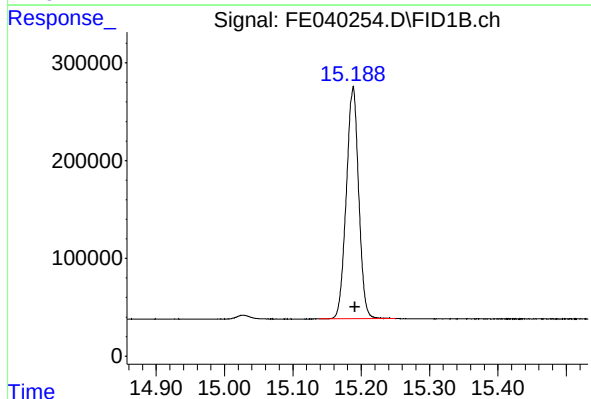
R.T.: 13.331 min
Delta R.T.: -0.003 min
Response: 2510604
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

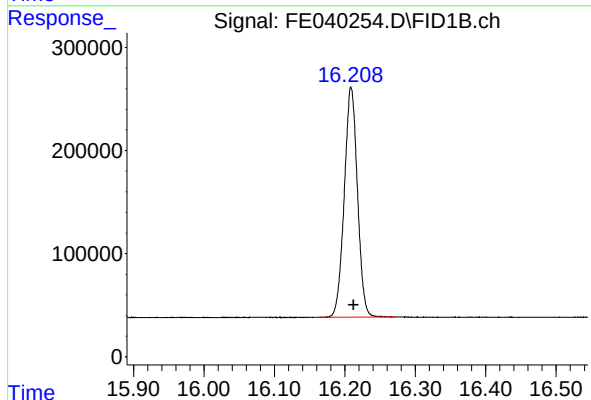
R.T.: 14.085 min
Delta R.T.: -0.003 min
Response: 3007563
Conc: 20.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



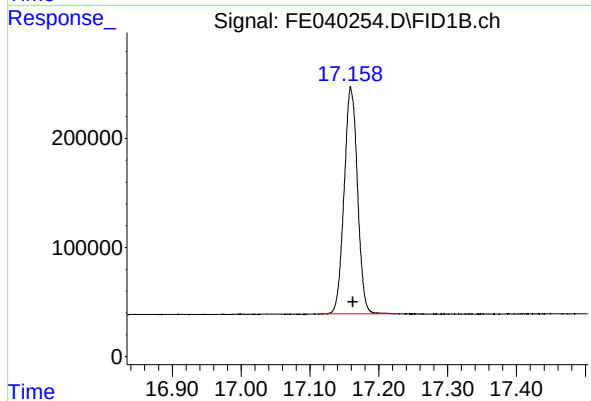
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.002 min
Response: 2991467
Conc: 19.71 ug/ml



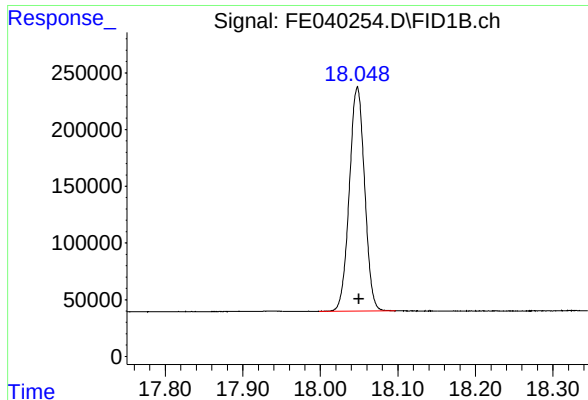
#15 n-Hexacosane (C26)

R.T.: 16.209 min
Delta R.T.: -0.004 min
Response: 2898367
Conc: 19.55 ug/ml



#16 n-Octacosane (C28)

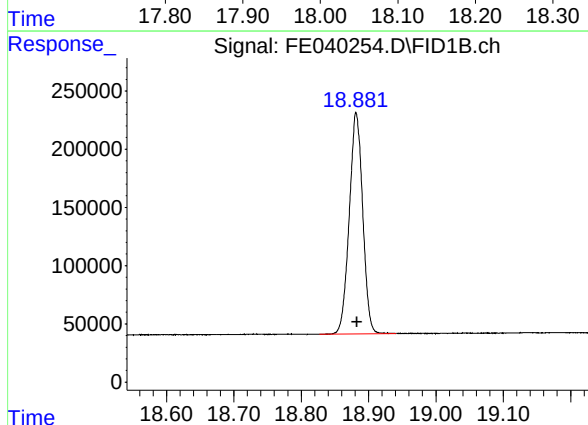
R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 2812837
Conc: 18.77 ug/ml



#17 n-Tricontane (C30)

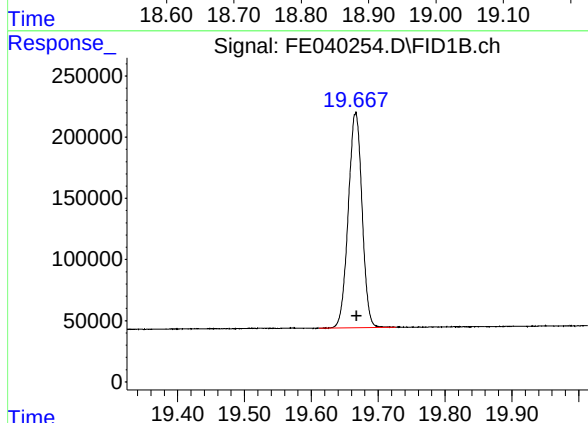
R.T.: 18.048 min
Delta R.T.: -0.002 min
Response: 2706823
Conc: 18.35 ug/ml

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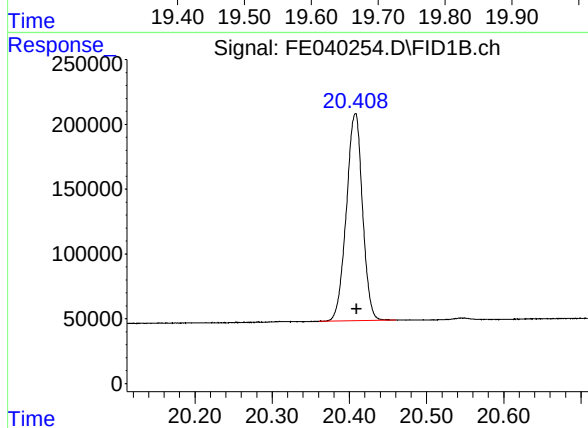
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: -0.001 min
Response: 2633158
Conc: 17.98 ug/ml



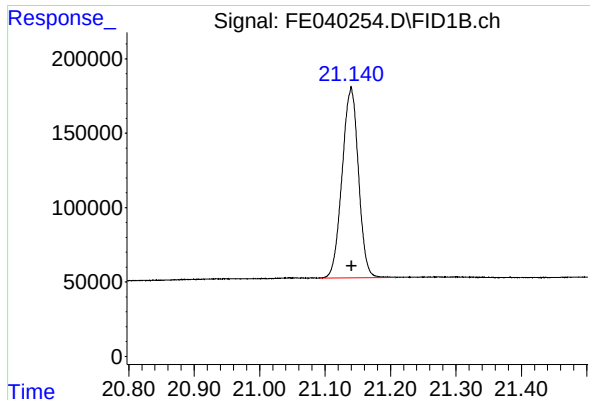
#19 n-Tetatriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.001 min
Response: 2517022
Conc: 18.30 ug/ml



#20 n-Hexatriacontane (C36)

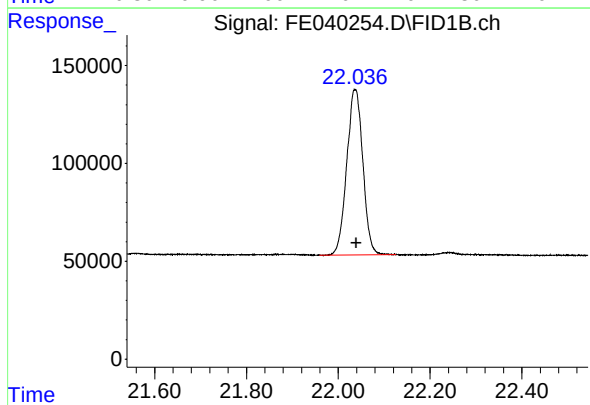
R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2327949
Conc: 17.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.001 min
Response: 2214146
Conc: 17.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.037 min
Delta R.T.: -0.002 min
Response: 2059240
Conc: 15.51 ug/ml