

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070224AL\
 Data File : FE048967.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jul 2024 12:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 03 01:25:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.931	2856859	17.085 ug/ml
Spiked Amount 50.000		Recovery =	34.17%
12) S 1-chlorooctadecane (S...	13.367	2161971	16.813 ug/ml
Spiked Amount 50.000		Recovery =	33.63%
Target Compounds			
1) T n-Nonane (C9)	3.319	2781479	18.501 ug/ml
2) T n-Decane (C10)	4.568	2858180	18.573 ug/ml
3) T A~Naphthalene (C11.7)	6.275	2877401	18.125 ug/ml
4) T n-Dodecane (C12)	6.734	2821088	18.274 ug/ml
5) T A~2-methylnaphthalene...	7.371	2720151	17.962 ug/ml
6) T n-Tetradecane (C14)	8.562	2764830	18.040 ug/ml
7) T n-Hexadecane (C16)	10.169	2797297	17.890 ug/ml
8) T n-Octadecane (C18)	11.612	2789711	17.492 ug/ml
10) T n-Eicosane (C20)	12.921	2654085	17.119 ug/ml
11) T n-Heneicosane (C21)	13.533	2597668	17.060 ug/ml
13) T n-Docosane (C22)	14.119	2580965	17.066 ug/ml
14) T n-Tetracosane (C24)	15.222	2583452	17.191 ug/ml
15) T n-Hexacosane (C26)	16.242	2589706	17.542 ug/ml
16) T n-Octacosane (C28)	17.190	2597891	18.014 ug/ml
17) T n-Tricontane (C30)	18.078	2798238	19.127 ug/ml
18) T n-Dotriacontane (C32)	18.911	2812483	19.671 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2737225	19.782 ug/ml
20) T n-Hexatriacontane (C36)	20.433	2618788	20.150 ug/ml
21) T n-Octatriacontane (C38)	21.169	2690503	20.987 ug/ml
22) T n-Tetracontane (C40)	22.083	2851355	23.284 ug/ml

(f)=RT Delta > 1/2 Window

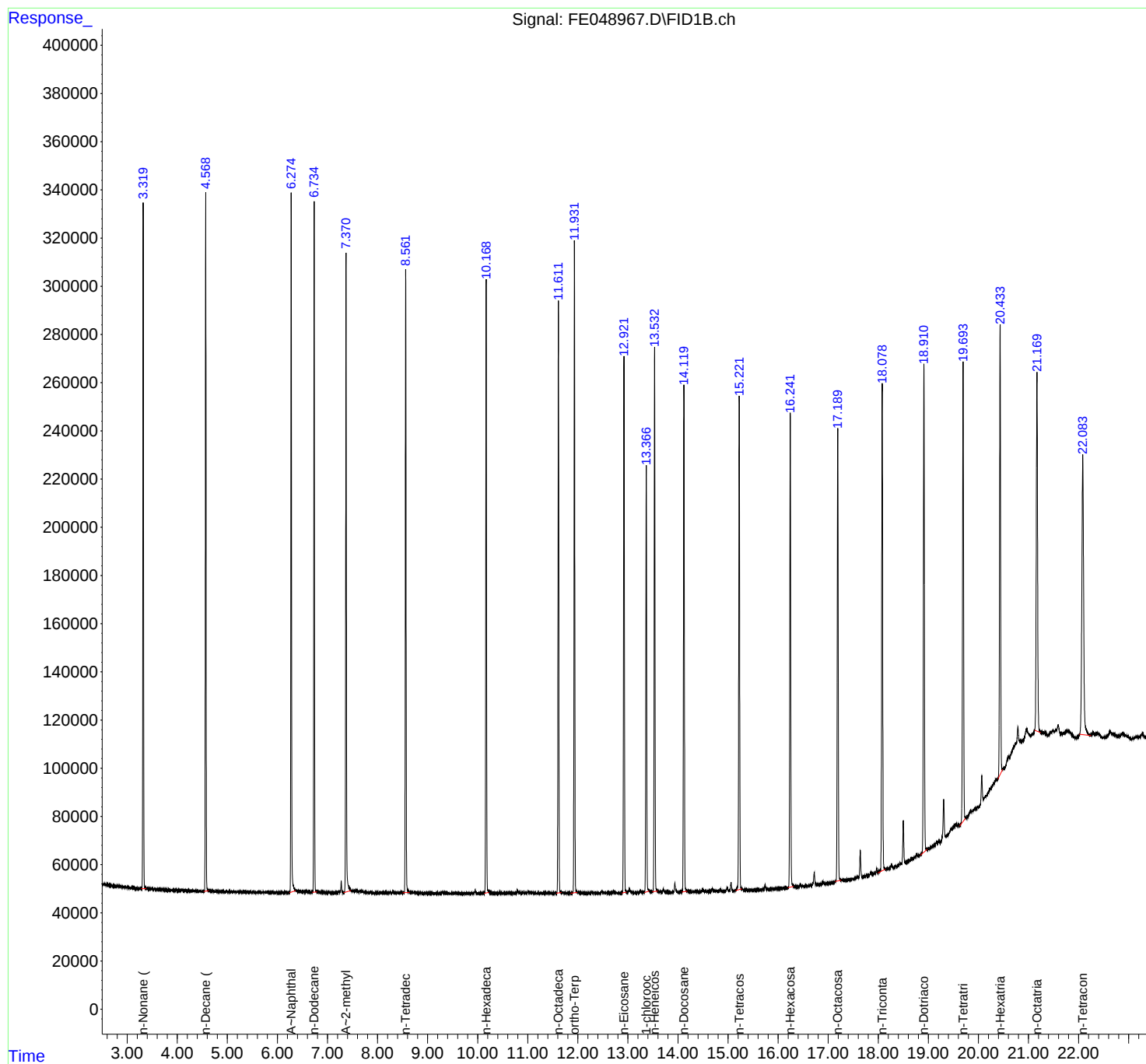
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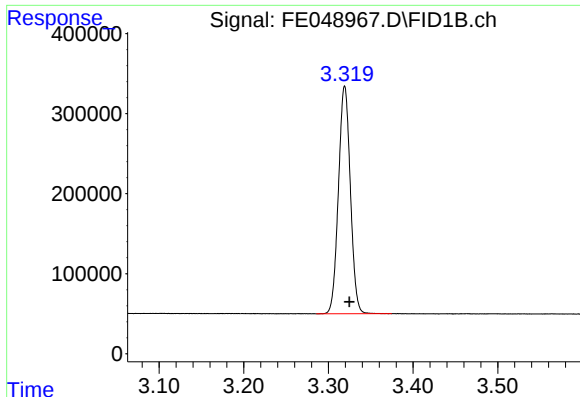
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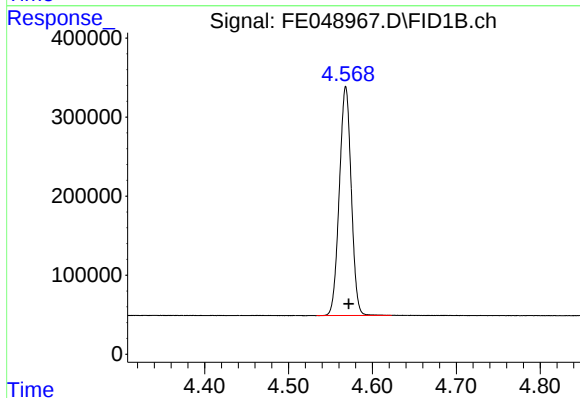




#1 n-Nonane (C9)

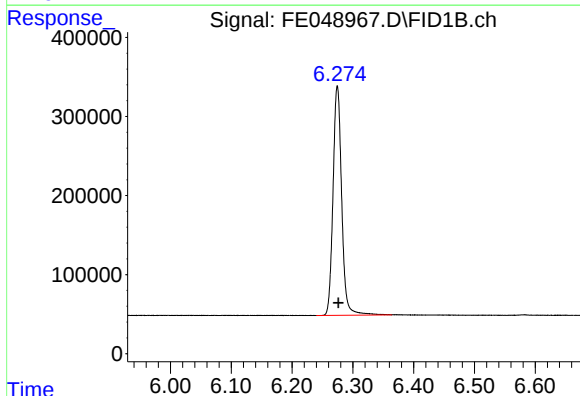
R.T.: 3.319 min
Delta R.T.: -0.006 min
Response: 2781479
Conc: 18.50 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



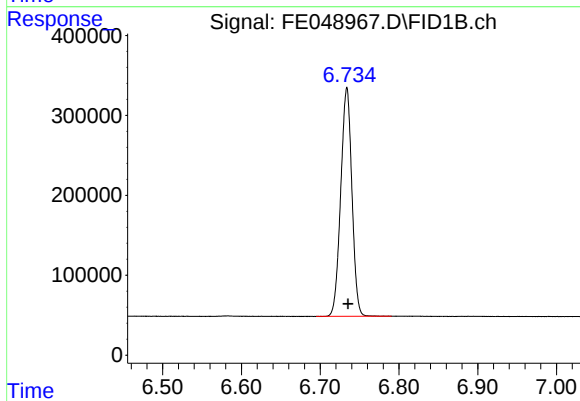
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 2858180
Conc: 18.57 ug/ml



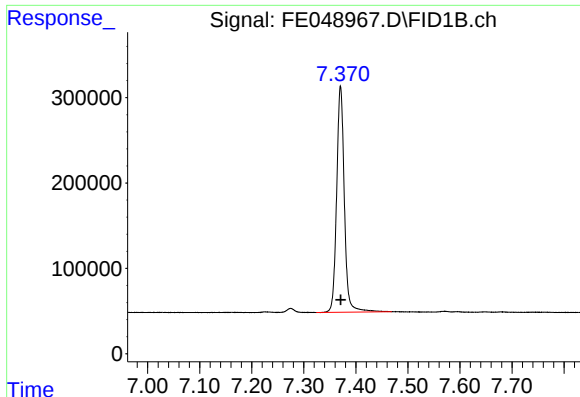
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 2877401
Conc: 18.13 ug/ml



#4 n-Dodecane (C12)

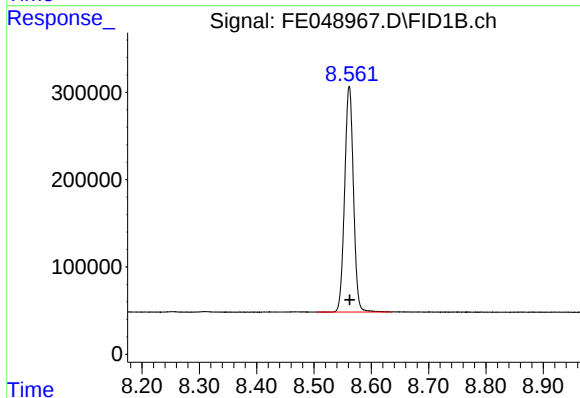
R.T.: 6.734 min
Delta R.T.: -0.001 min
Response: 2821088
Conc: 18.27 ug/ml



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

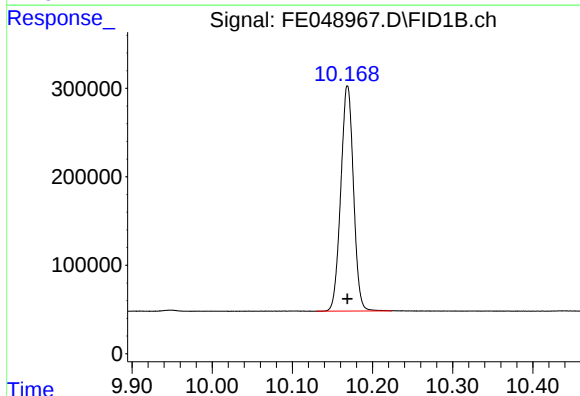
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 2720151
Conc: 17.96 ug/ml

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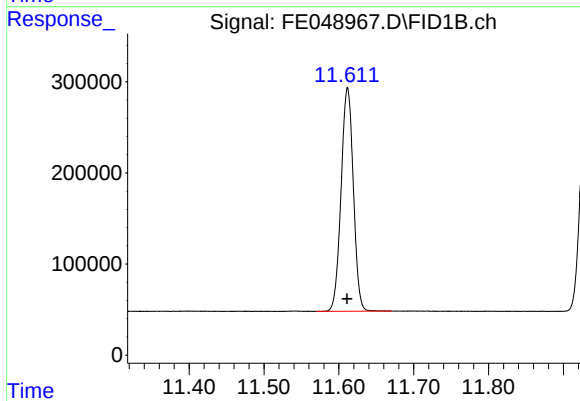
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 2764830
Conc: 18.04 ug/ml



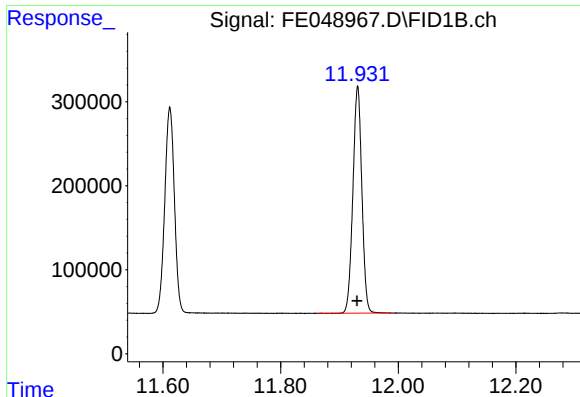
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2797297
Conc: 17.89 ug/ml



#8 n-Octadecane (C18)

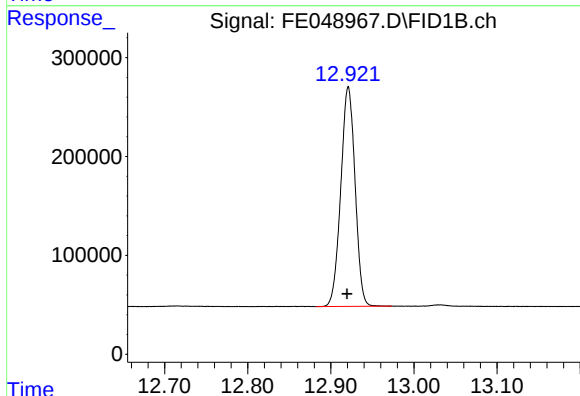
R.T.: 11.612 min
Delta R.T.: 0.000 min
Response: 2789711
Conc: 17.49 ug/ml



#9 ortho-Terphenyl (SURR)

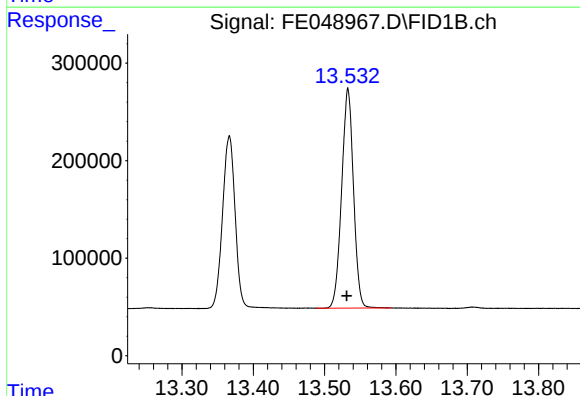
R.T.: 11.931 min
Delta R.T.: 0.001 min
Response: 2856859
Conc: 17.09 ug/ml

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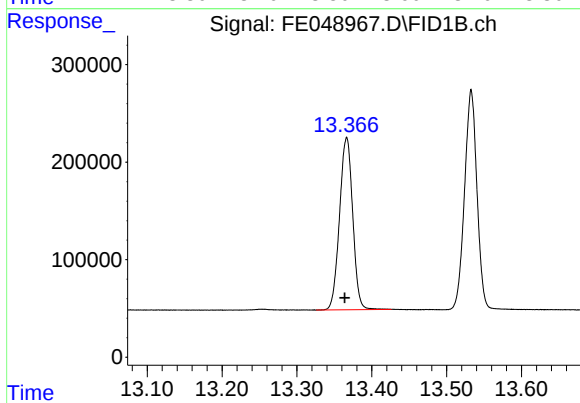
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.002 min
Response: 2654085
Conc: 17.12 ug/ml



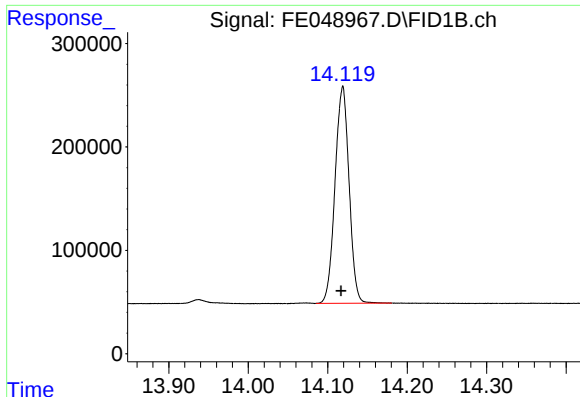
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.002 min
Response: 2597668
Conc: 17.06 ug/ml



#12 1-chlorooctadecane (SURR)

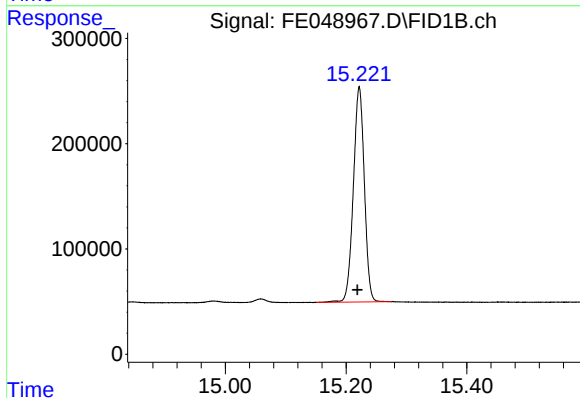
R.T.: 13.367 min
Delta R.T.: 0.003 min
Response: 2161971
Conc: 16.81 ug/ml



#13 n-Docosane (C22)

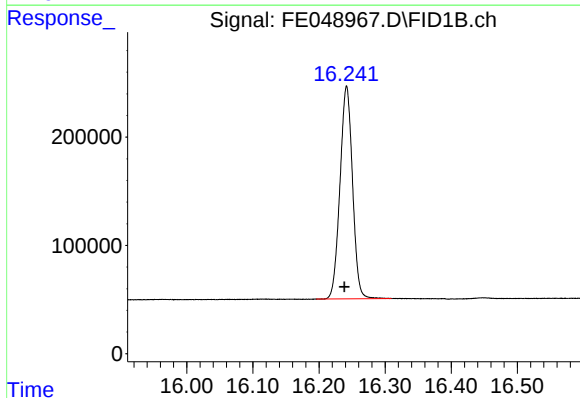
R.T.: 14.119 min
Delta R.T.: 0.002 min
Response: 2580965
Conc: 17.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



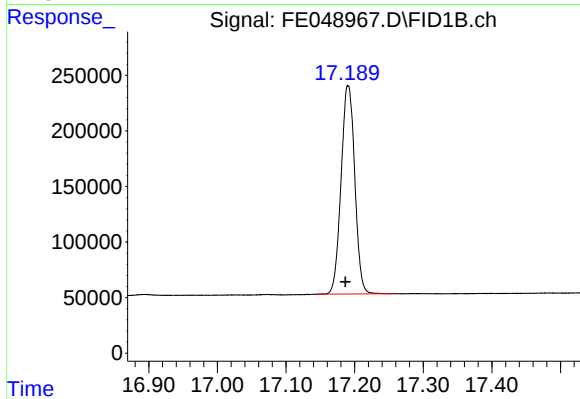
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.003 min
Response: 2583452
Conc: 17.19 ug/ml



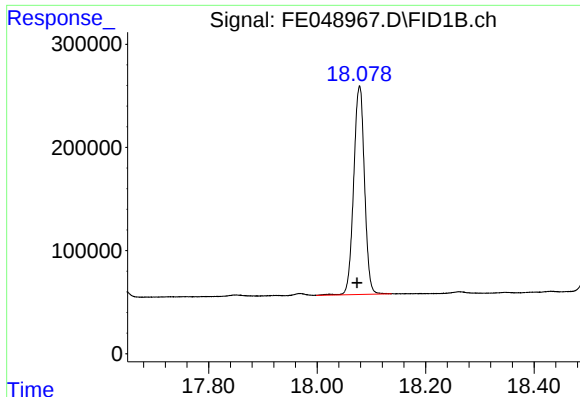
#15 n-Hexacosane (C26)

R.T.: 16.242 min
Delta R.T.: 0.004 min
Response: 2589706
Conc: 17.54 ug/ml



#16 n-Octacosane (C28)

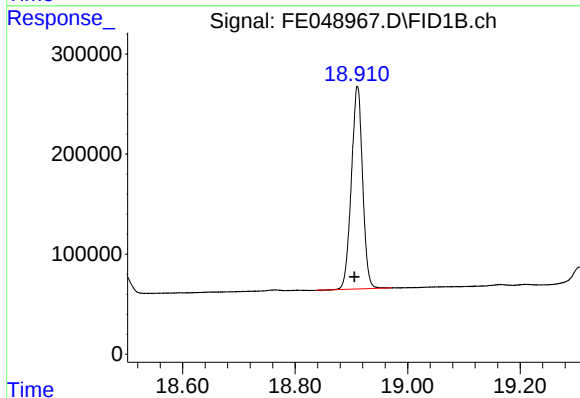
R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 2597891
Conc: 18.01 ug/ml



#17 n-Tricontane (C30)

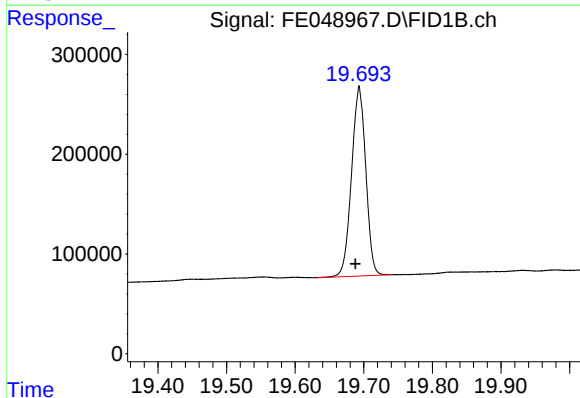
R.T.: 18.078 min
Delta R.T.: 0.005 min
Response: 2798238
Conc: 19.13 ug/ml

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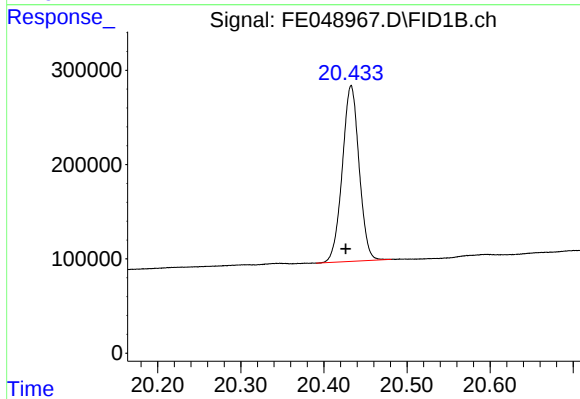
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.005 min
Response: 2812483
Conc: 19.67 ug/ml



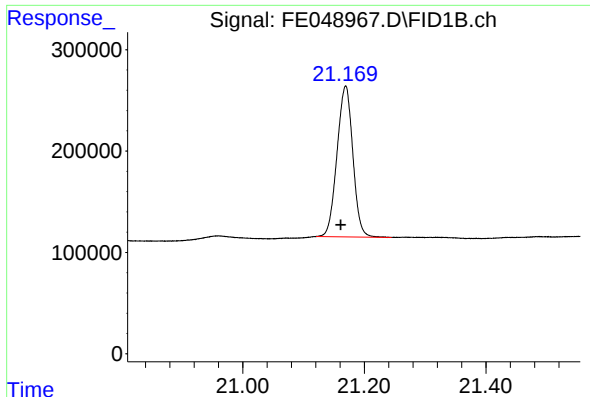
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.005 min
Response: 2737225
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

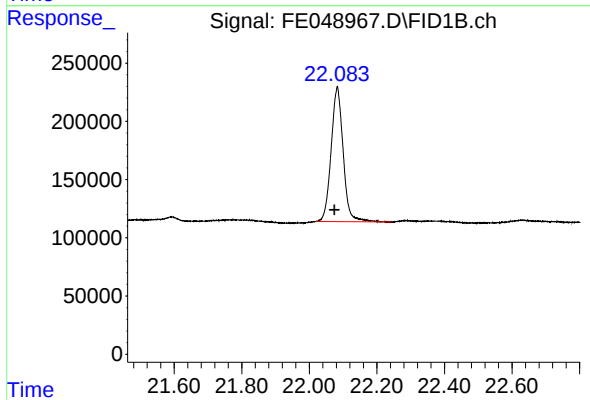
R.T.: 20.433 min
Delta R.T.: 0.006 min
Response: 2618788
Conc: 20.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: 0.008 min
Response: 2690503
Conc: 20.99 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: 0.009 min
Response: 2851355
Conc: 23.28 ug/ml