

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051524AL\
 Data File : FE048184.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2024 12:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 16 03:13:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.956	2942500	20.397 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
12) S 1-chlorooctadecane (S...	13.390	2246390	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T n-Nonane (C9)	3.344	2948298	22.876 ug/ml
2) T n-Decane (C10)	4.593	3013140	22.887 ug/ml
3) T A~Naphthalene (C11.7)	6.298	3014246	21.829 ug/ml
4) T n-Dodecane (C12)	6.758	2968929	22.271 ug/ml
5) T A~2-methylnaphthalene...	7.394	2840748	21.347 ug/ml
6) T n-Tetradecane (C14)	8.586	2858913	21.573 ug/ml
7) T n-Hexadecane (C16)	10.193	2882785	20.961 ug/ml
8) T n-Octadecane (C18)	11.635	2878484	20.664 ug/ml
10) T n-Eicosane (C20)	12.945	2721500	20.213 ug/ml
11) T n-Heneicosane (C21)	13.557	2657698	20.077 ug/ml
13) T n-Docosane (C22)	14.143	2635594	19.888 ug/ml
14) T n-Tetracosane (C24)	15.244	2658642	19.967 ug/ml
15) T n-Hexacosane (C26)	16.264	2654273	19.891 ug/ml
16) T n-Octacosane (C28)	17.212	2671322	20.063 ug/ml
17) T n-Tricontane (C30)	18.098	2815890	20.403 ug/ml
18) T n-Dotriacontane (C32)	18.930	2836531	20.536 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2753989	20.217 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2650897	19.578 ug/ml
21) T n-Octatriacontane (C38)	21.189	2545284	18.435 ug/ml
22) T n-Tetracontane (C40)	22.108	2536515	18.206 ug/ml

(f)=RT Delta > 1/2 Window

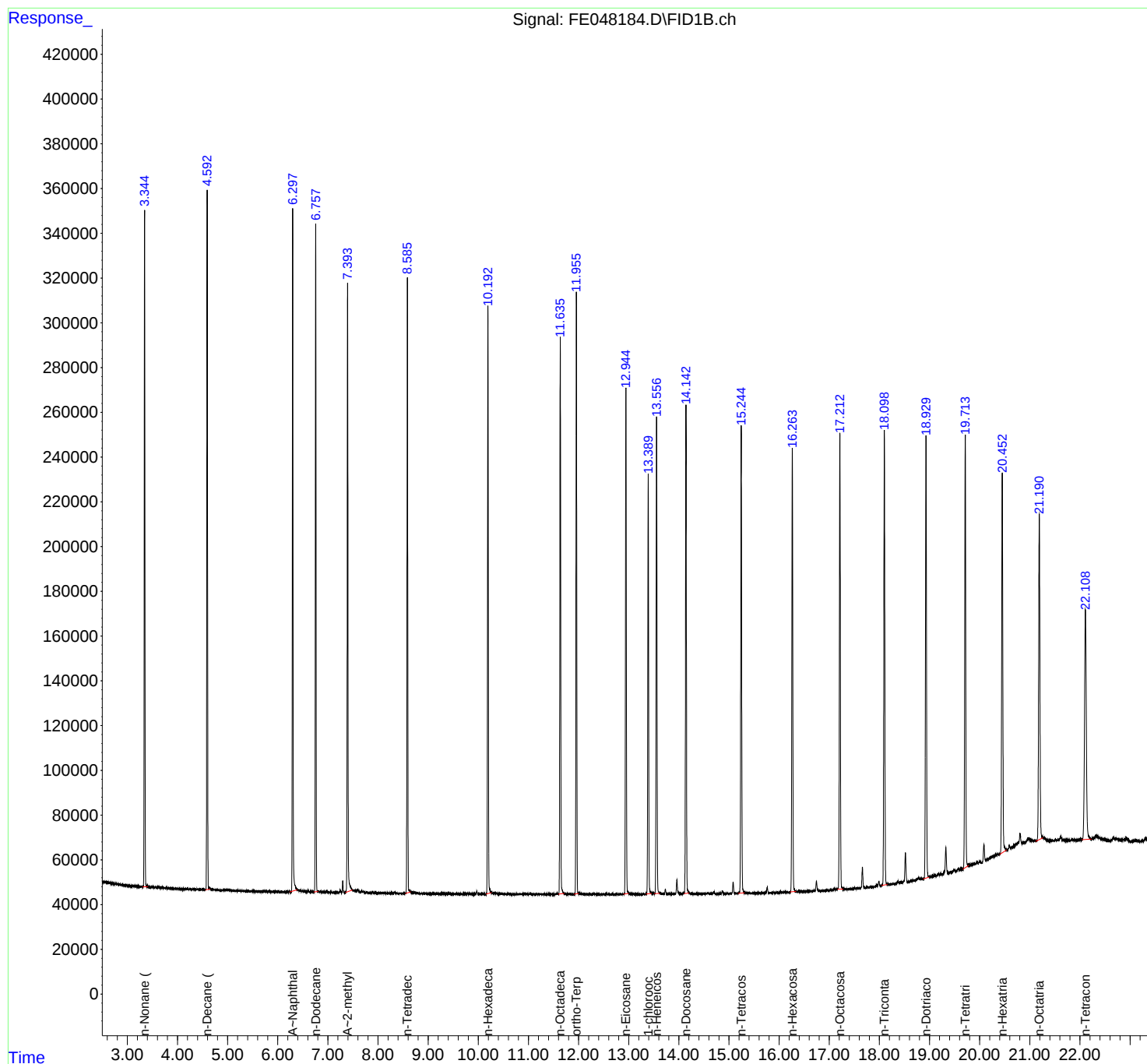
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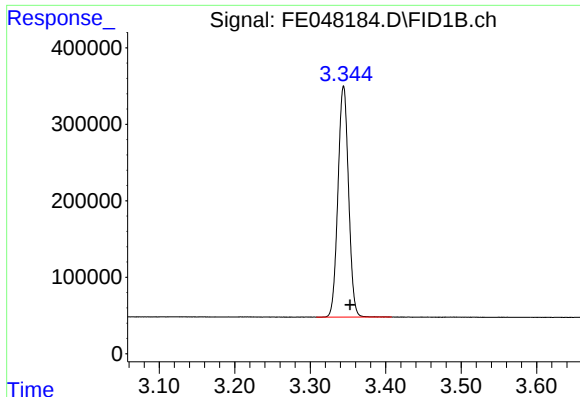
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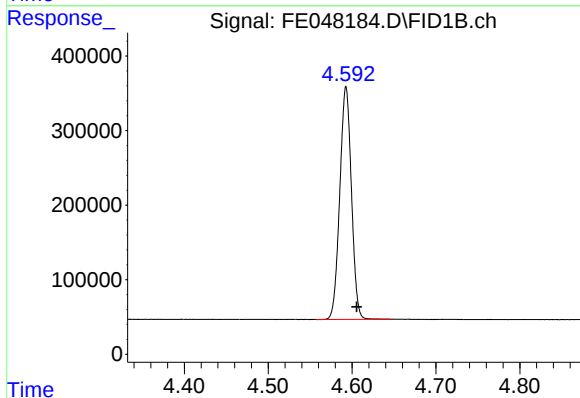




#1 n-Nonane (C9)

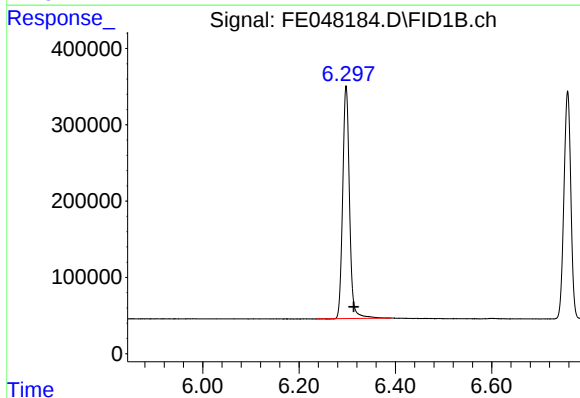
R.T.: 3.344 min
Delta R.T.: -0.009 min
Response: 2948298
Conc: 22.88 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



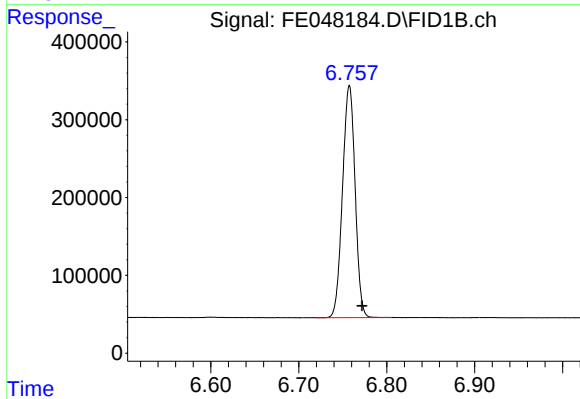
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.013 min
Response: 3013140
Conc: 22.89 ug/ml



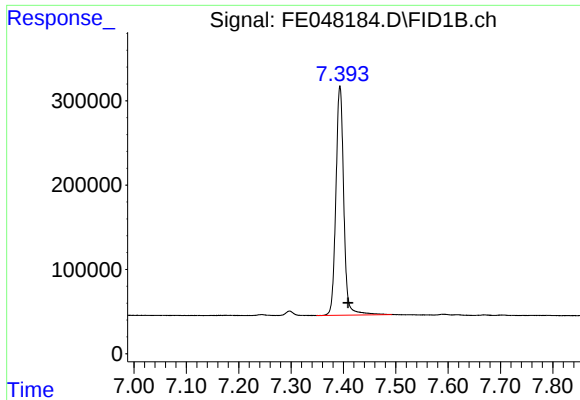
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 3014246
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

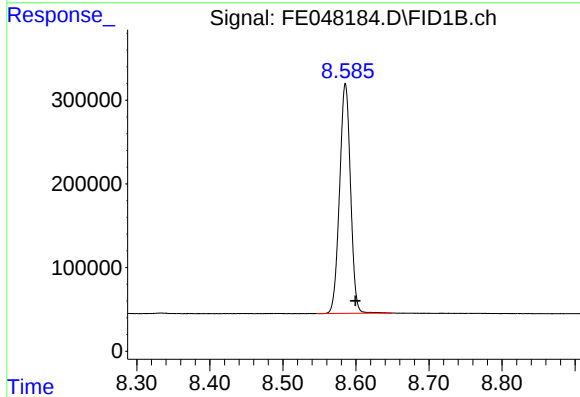
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 2968929
Conc: 22.27 ug/ml



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

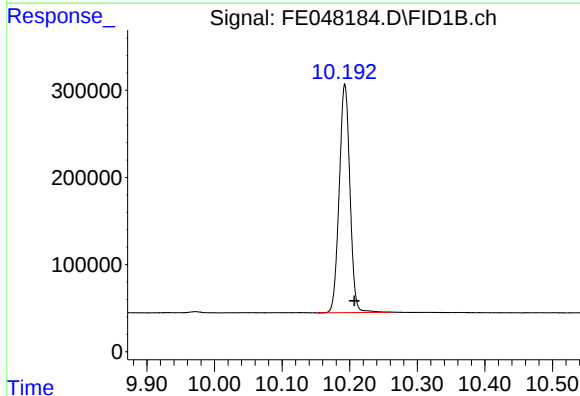
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2840748
Conc: 21.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



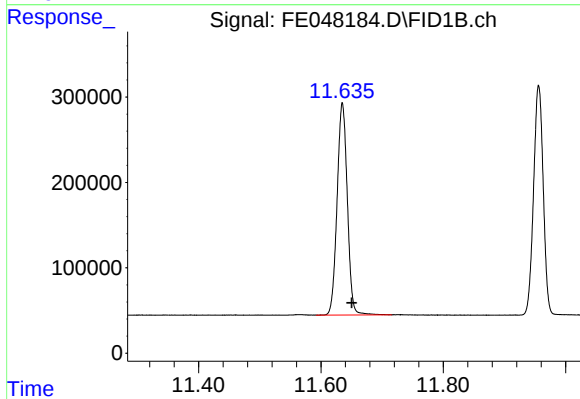
#6 n-Tetradecane (C14)

R.T.: 8.586 min
Delta R.T.: -0.014 min
Response: 2858913
Conc: 21.57 ug/ml



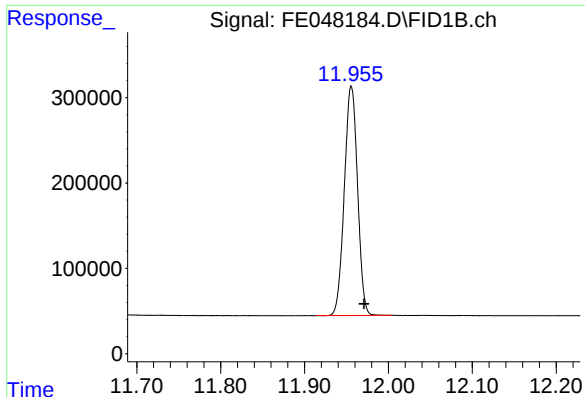
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: -0.014 min
Response: 2882785
Conc: 20.96 ug/ml



#8 n-Octadecane (C18)

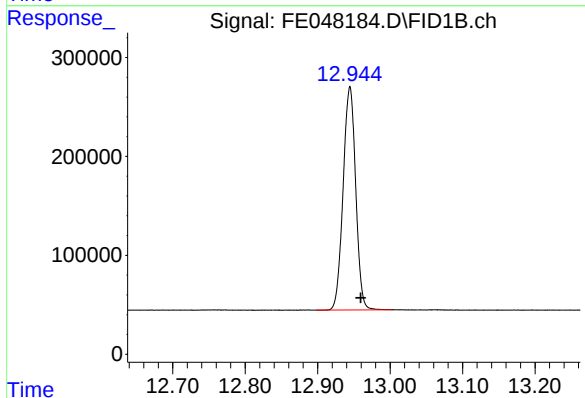
R.T.: 11.635 min
Delta R.T.: -0.016 min
Response: 2878484
Conc: 20.66 ug/ml



#9 ortho-Terphenyl (SURR)

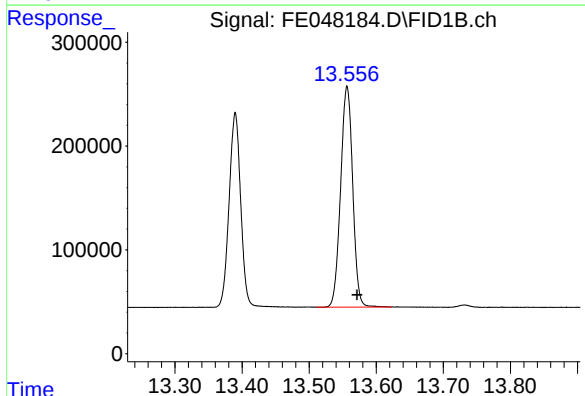
R.T.: 11.956 min
Delta R.T.: -0.015 min
Response: 2942500
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



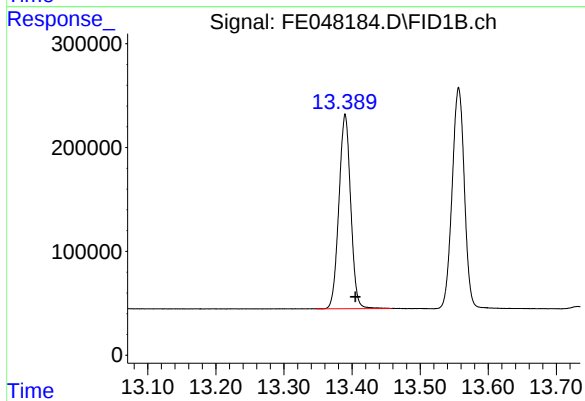
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: -0.015 min
Response: 2721500
Conc: 20.21 ug/ml



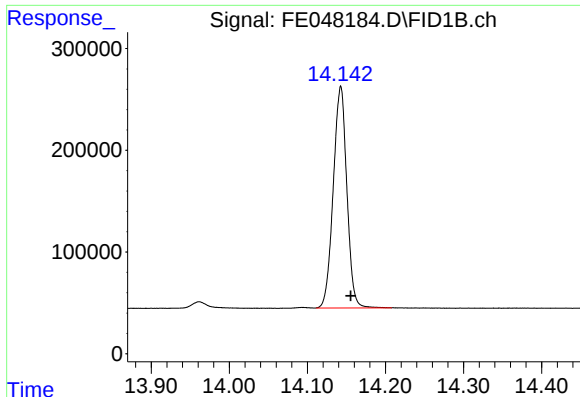
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.015 min
Response: 2657698
Conc: 20.08 ug/ml



#12 1-chlorooctadecane (SURR)

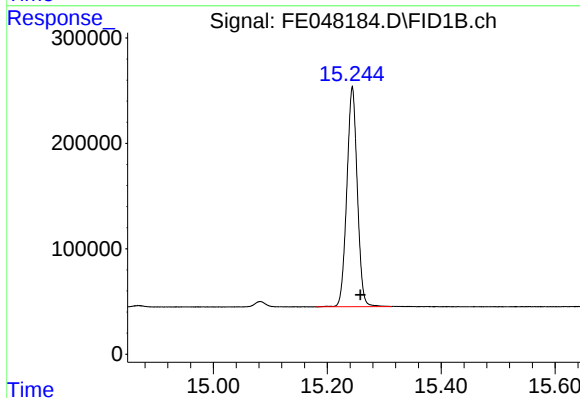
R.T.: 13.390 min
Delta R.T.: -0.015 min
Response: 2246390
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

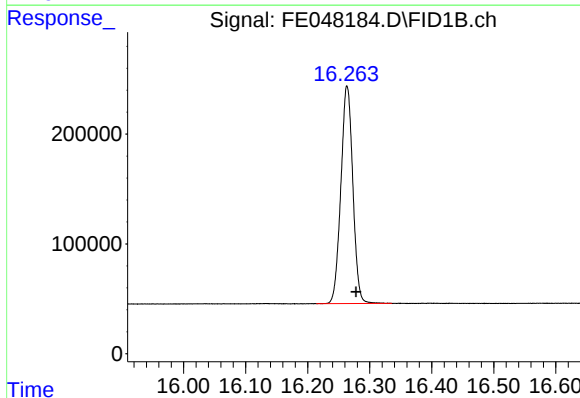
R.T.: 14.143 min
Delta R.T.: -0.013 min
Response: 2635594
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



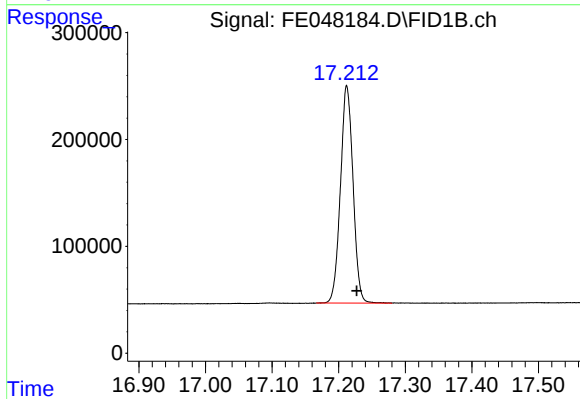
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.014 min
Response: 2658642
Conc: 19.97 ug/ml



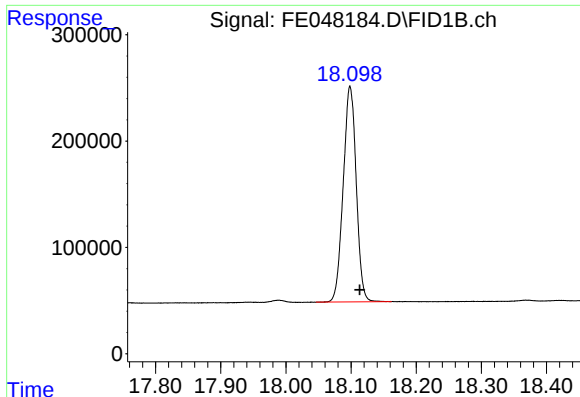
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.014 min
Response: 2654273
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

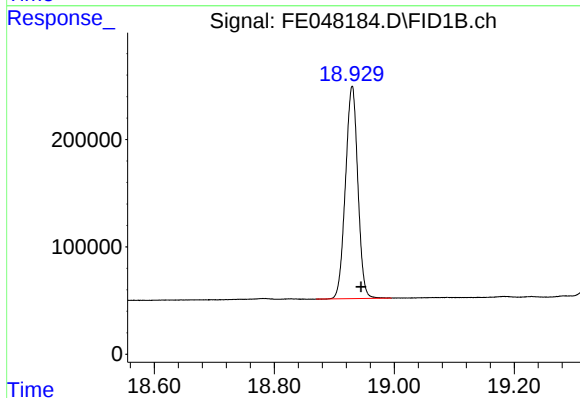
R.T.: 17.212 min
Delta R.T.: -0.015 min
Response: 2671322
Conc: 20.06 ug/ml



#17 n-Tricontane (C30)

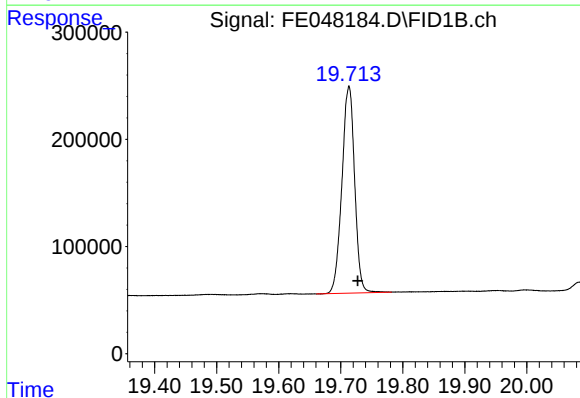
R.T.: 18.098 min
Delta R.T.: -0.015 min
Response: 2815890
Conc: 20.40 ug/ml

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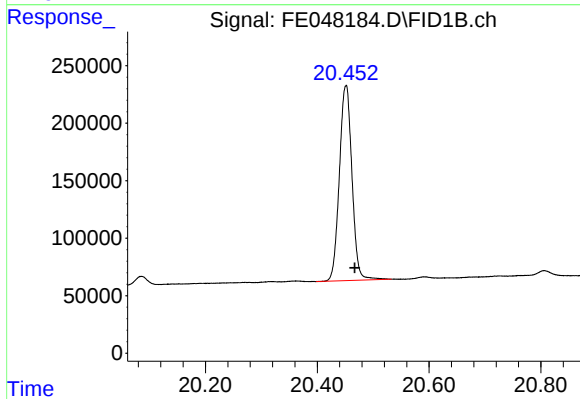
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.015 min
Response: 2836531
Conc: 20.54 ug/ml



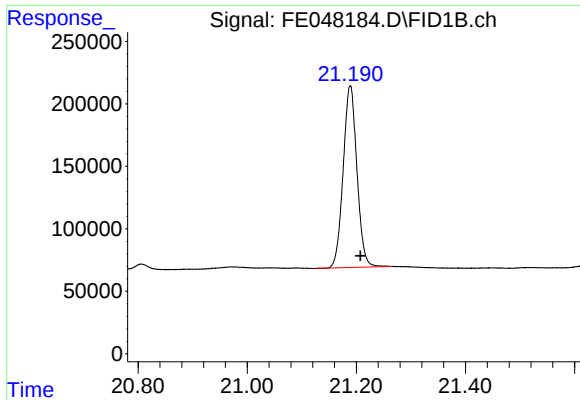
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.014 min
Response: 2753989
Conc: 20.22 ug/ml



#20 n-Hexatriacontane (C36)

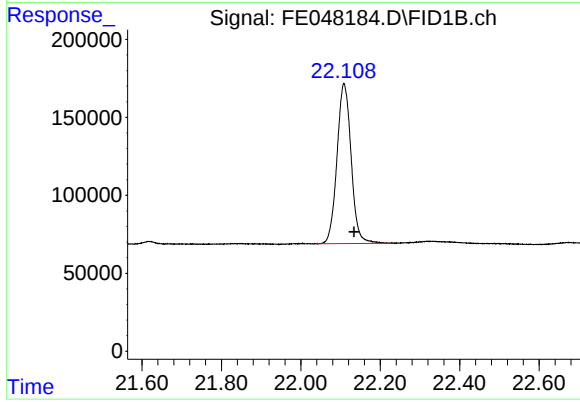
R.T.: 20.452 min
Delta R.T.: -0.016 min
Response: 2650897
Conc: 19.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.019 min
Response: 2545284
Conc: 18.44 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.026 min
Response: 2536515
Conc: 18.21 ug/ml