

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101223AL\
 Data File : FE044808.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2023 07:47
 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: Oct 12 08:11:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.912	3956957	19.739 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	13.353	2915889	19.704 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.298	3340687	19.914 ug/ml
2) T n-Decane (C10)	4.548	3381241	19.849 ug/ml
3) T A~Naphthalene (C11.7)	6.249	3666005	19.804 ug/ml
4) T n-Dodecane (C12)	6.713	3427868	19.858 ug/ml
5) T A~2-methylnaphthalene...	7.344	3553270	19.698 ug/ml
6) T n-Tetradecane (C14)	8.540	3396785	19.809 ug/ml
7) T n-Hexadecane (C16)	10.150	3450200	19.730 ug/ml
8) T n-Octadecane (C18)	11.597	3439978	19.723 ug/ml
10) T n-Eicosane (C20)	12.908	3293706	19.719 ug/ml
11) T n-Heneicosane (C21)	13.521	3215924	19.728 ug/ml
13) T n-Docosane (C22)	14.109	3154431	19.721 ug/ml
14) T n-Tetracosane (C24)	15.213	3052302	19.667 ug/ml
15) T n-Hexacosane (C26)	16.236	2951316	19.658 ug/ml
16) T n-Octacosane (C28)	17.188	2871073	19.552 ug/ml
17) T n-Tricontane (C30)	18.078	2892791	19.450 ug/ml
18) T n-Dotriacontane (C32)	18.910	2901722	19.333 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2895311	19.449 ug/ml
20) T n-Hexatriacontane (C36)	20.436	2971855	19.330 ug/ml
21) T n-Octatriacontane (C38)	21.177	3092895	19.800 ug/ml
22) T n-Tetracontane (C40)	22.098	3252561	19.462 ug/ml

(f)=RT Delta > 1/2 Window

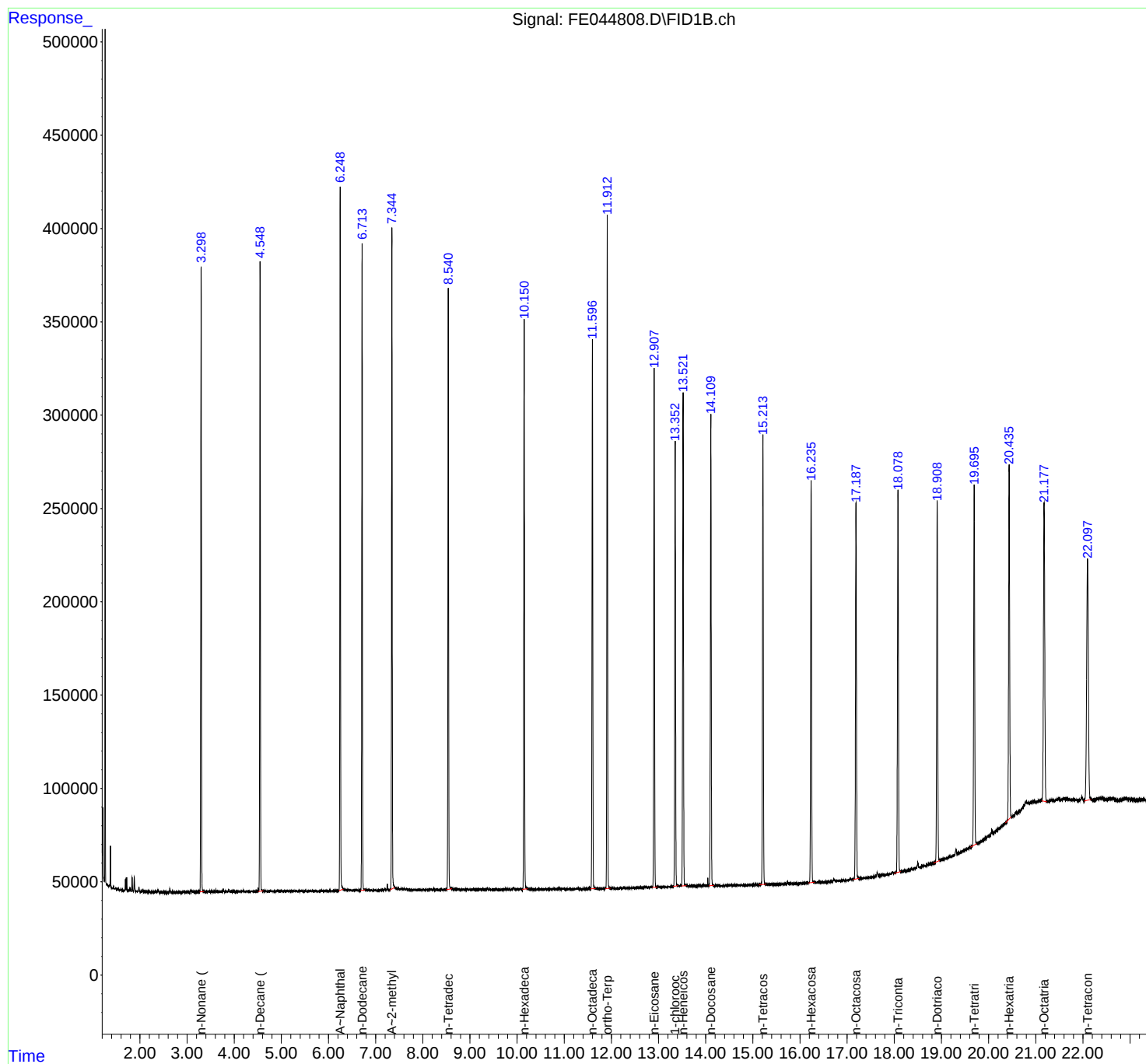
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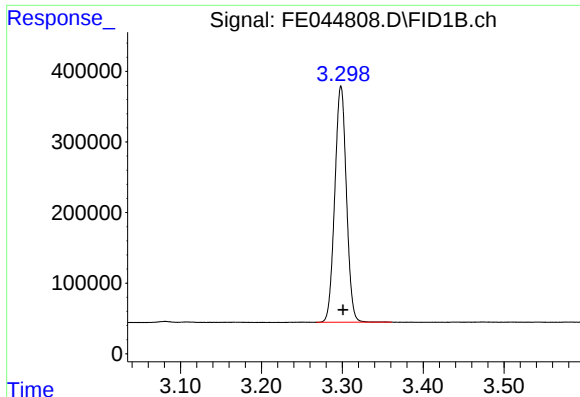
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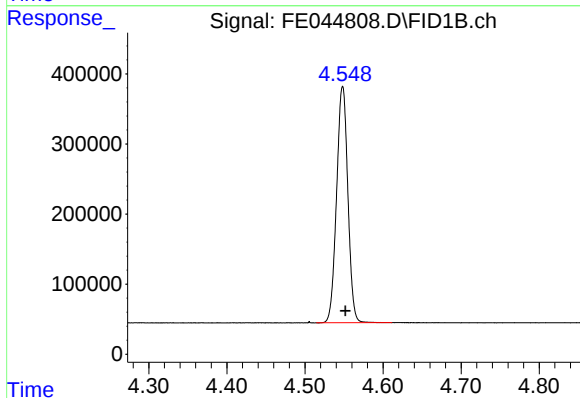




#1 n-Nonane (C9)

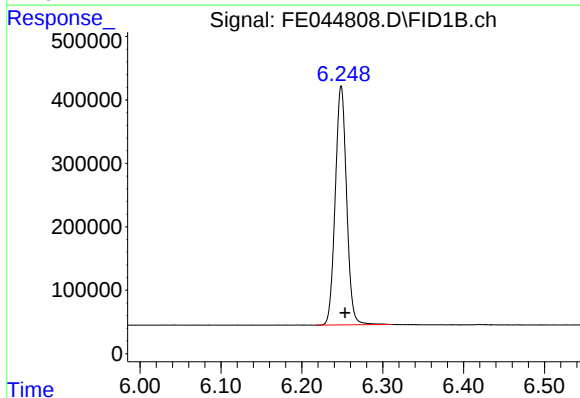
R.T.: 3.298 min
Delta R.T.: -0.003 min
Response: 3340687
Conc: 19.91 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



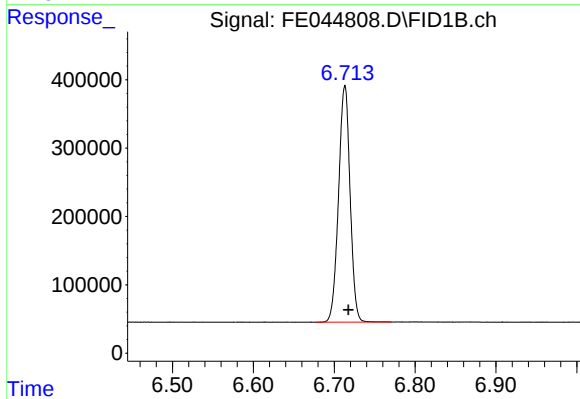
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.004 min
Response: 3381241
Conc: 19.85 ug/ml



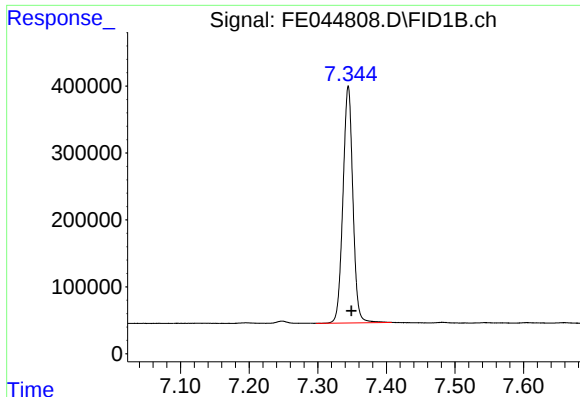
#3 A~Naphthalene (C11.7)

R.T.: 6.249 min
Delta R.T.: -0.005 min
Response: 3666005
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

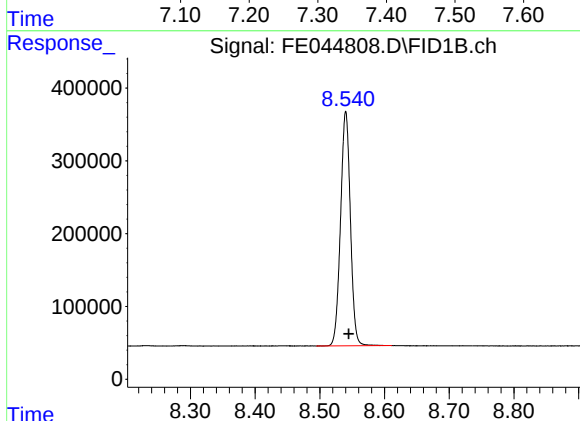
R.T.: 6.713 min
Delta R.T.: -0.005 min
Response: 3427868
Conc: 19.86 ug/ml



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

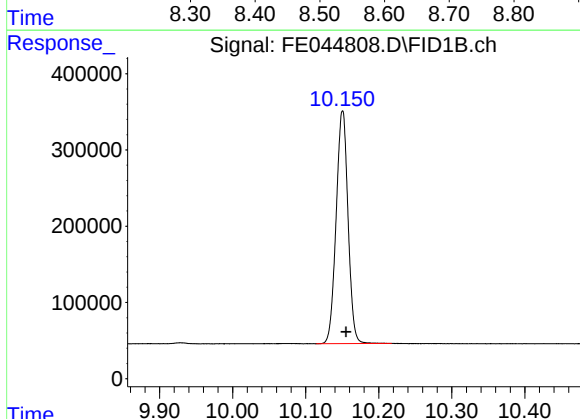
R.T.: 7.344 min
Delta R.T.: -0.005 min
Response: 3553270
Conc: 19.70 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



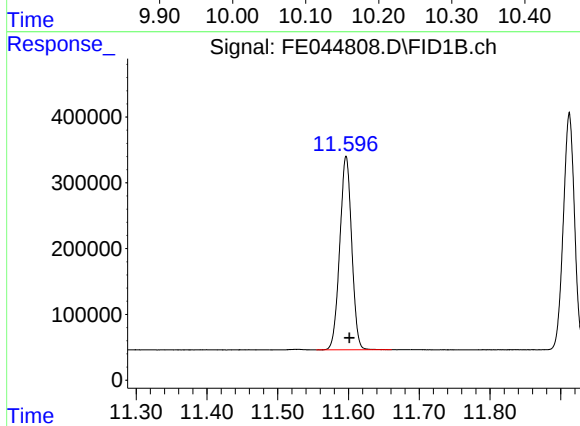
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.004 min
Response: 3396785
Conc: 19.81 ug/ml



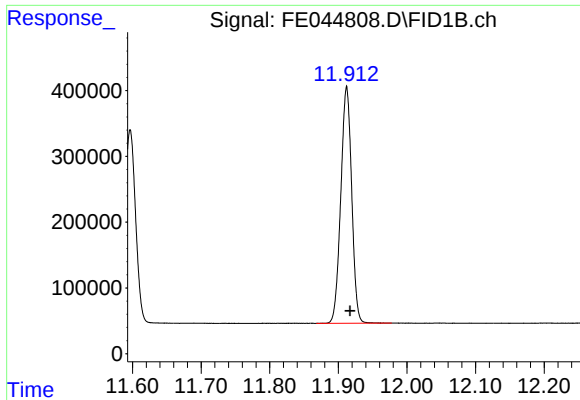
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.005 min
Response: 3450200
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

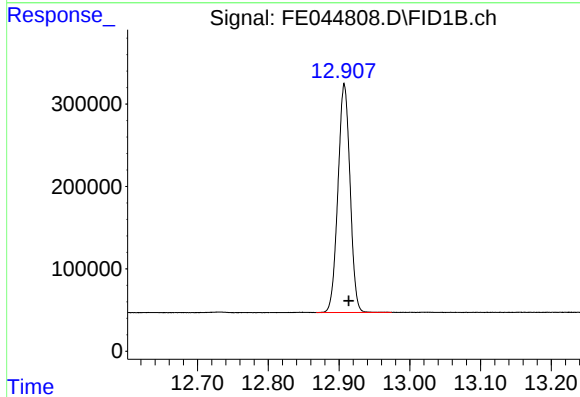
R.T.: 11.597 min
Delta R.T.: -0.004 min
Response: 3439978
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

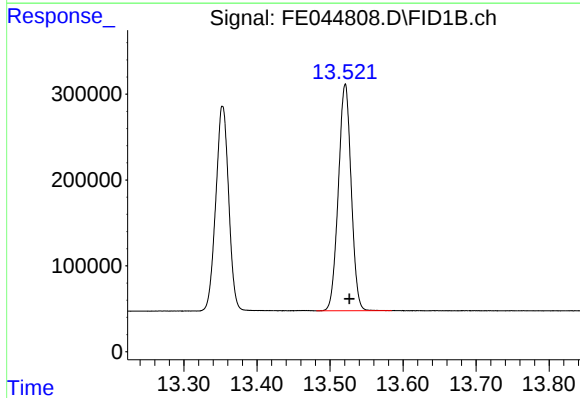
R.T.: 11.912 min
Delta R.T.: -0.005 min
Response: 3956957
Conc: 19.74 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



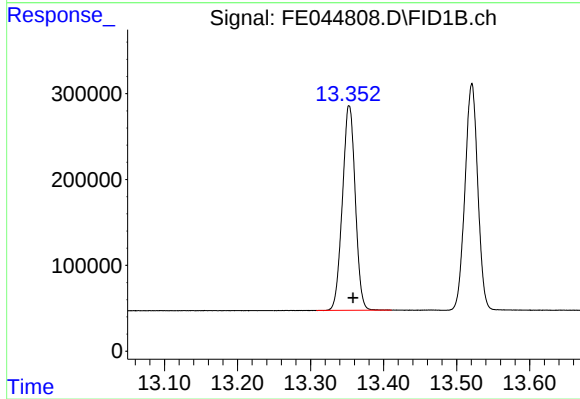
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.006 min
Response: 3293706
Conc: 19.72 ug/ml



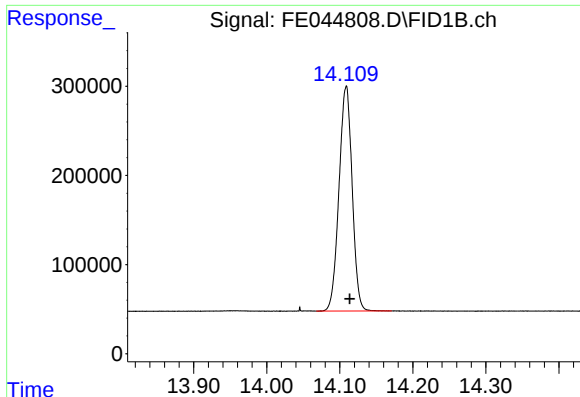
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.006 min
Response: 3215924
Conc: 19.73 ug/ml



#12 1-chlorooctadecane (SURR)

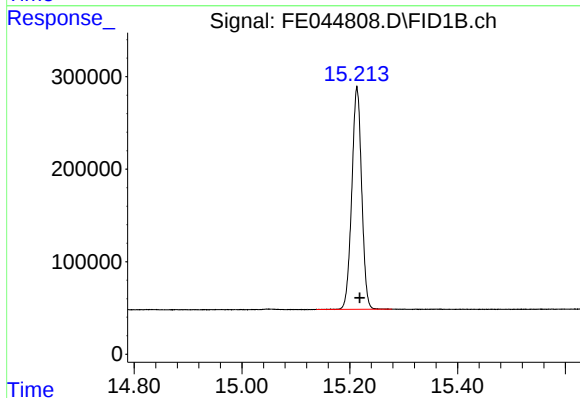
R.T.: 13.353 min
Delta R.T.: -0.005 min
Response: 2915889
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

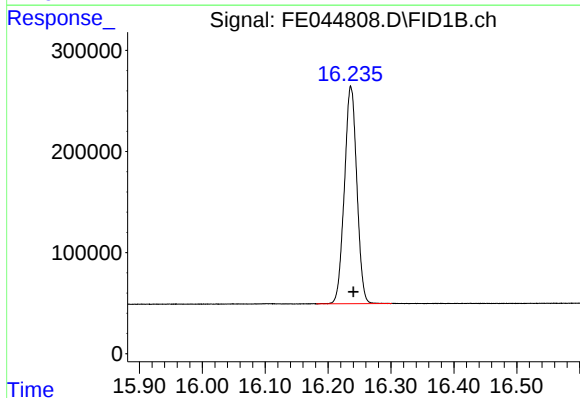
R.T.: 14.109 min
Delta R.T.: -0.005 min
Response: 3154431
Conc: 19.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



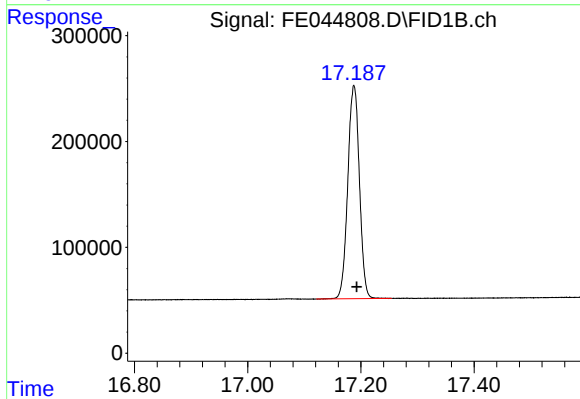
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.005 min
Response: 3052302
Conc: 19.67 ug/ml



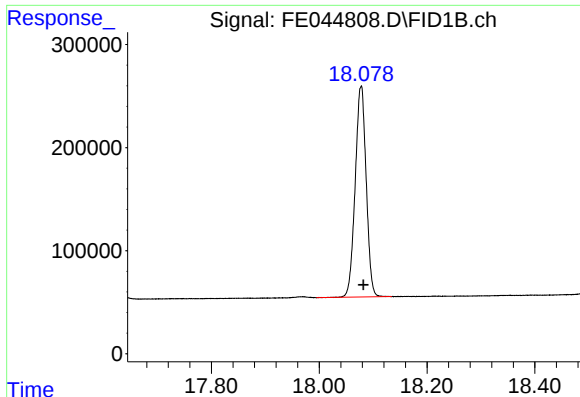
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: -0.004 min
Response: 2951316
Conc: 19.66 ug/ml



#16 n-Octacosane (C28)

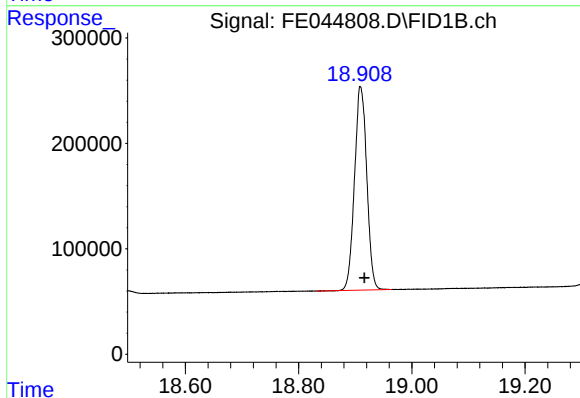
R.T.: 17.188 min
Delta R.T.: -0.005 min
Response: 2871073
Conc: 19.55 ug/ml



#17 n-Tricontane (C30)

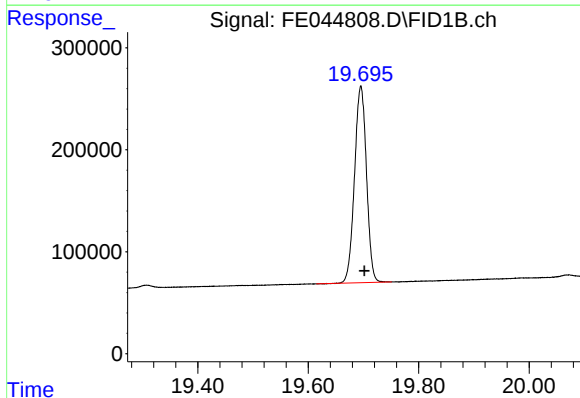
R.T.: 18.078 min
Delta R.T.: -0.004 min
Response: 2892791
Conc: 19.45 ug/ml

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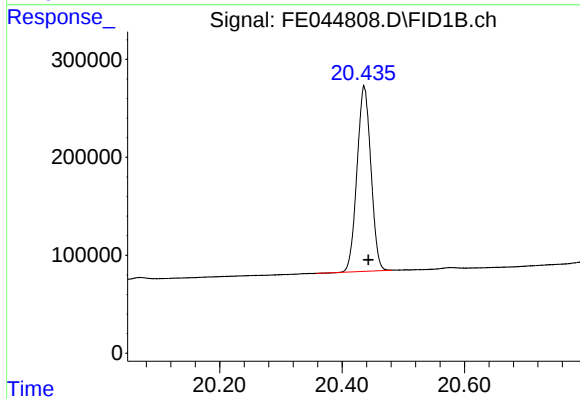
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 2901722
Conc: 19.33 ug/ml



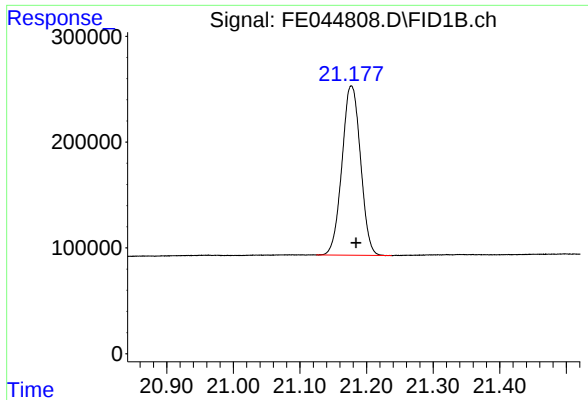
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: -0.006 min
Response: 2895311
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

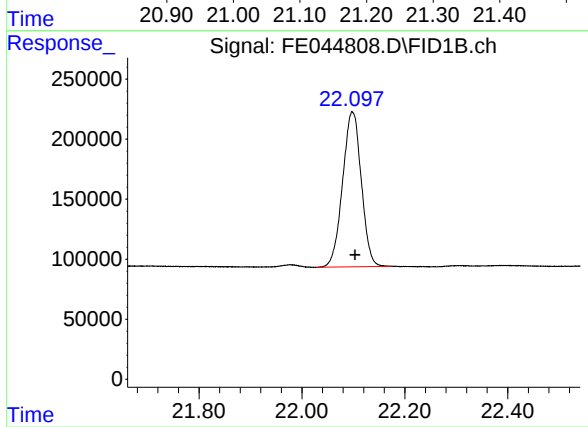
R.T.: 20.436 min
Delta R.T.: -0.007 min
Response: 2971855
Conc: 19.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.177 min
Delta R.T.: -0.007 min
Response: 3092895
Conc: 19.80 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.005 min
Response: 3252561
Conc: 19.46 ug/ml