

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054951.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 21:06
 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: Jul 22 01:31:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.088	3114338	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.524	2363449	18.714 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
Target Compounds			
1) T n-Nonane (C9)	3.425	2490289	18.514 ug/ml
2) T n-Decane (C10)	4.684	2596538	19.029 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2980793	19.687 ug/ml
4) T n-Dodecane (C12)	6.859	2670188	19.461 ug/ml
5) T A~2-methylnaphthalene...	7.504	2901826	19.740 ug/ml
6) T n-Tetradecane (C14)	8.697	2727715	19.677 ug/ml
7) T n-Hexadecane (C16)	10.312	2825365	19.826 ug/ml
8) T n-Octadecane (C18)	11.761	2861984	19.528 ug/ml
10) T n-Eicosane (C20)	13.076	2730907	18.992 ug/ml
11) T n-Heneicosane (C21)	13.690	2679644	18.761 ug/ml
13) T n-Docosane (C22)	14.278	2654609	18.591 ug/ml
14) T n-Tetracosane (C24)	15.384	2645321	18.198 ug/ml
15) T n-Hexacosane (C26)	16.409	2595439	17.935 ug/ml
16) T n-Octacosane (C28)	17.361	2588139	17.759 ug/ml
17) T n-Tricontane (C30)	18.250	2746785	17.431 ug/ml
18) T n-Dotriacontane (C32)	19.085	2768123	17.110 ug/ml
19) T n-Tetratriacontane (C34)	19.870	2590930	17.002 ug/ml
20) T n-Hexatriacontane (C36)	20.610	2384750	17.736 ug/ml
21) T n-Octatriacontane (C38)	21.392	2472897	21.085 ug/ml
22) T n-Tetracontane (C40)	22.386	2236619	20.636 ug/ml

(f)=RT Delta > 1/2 Window

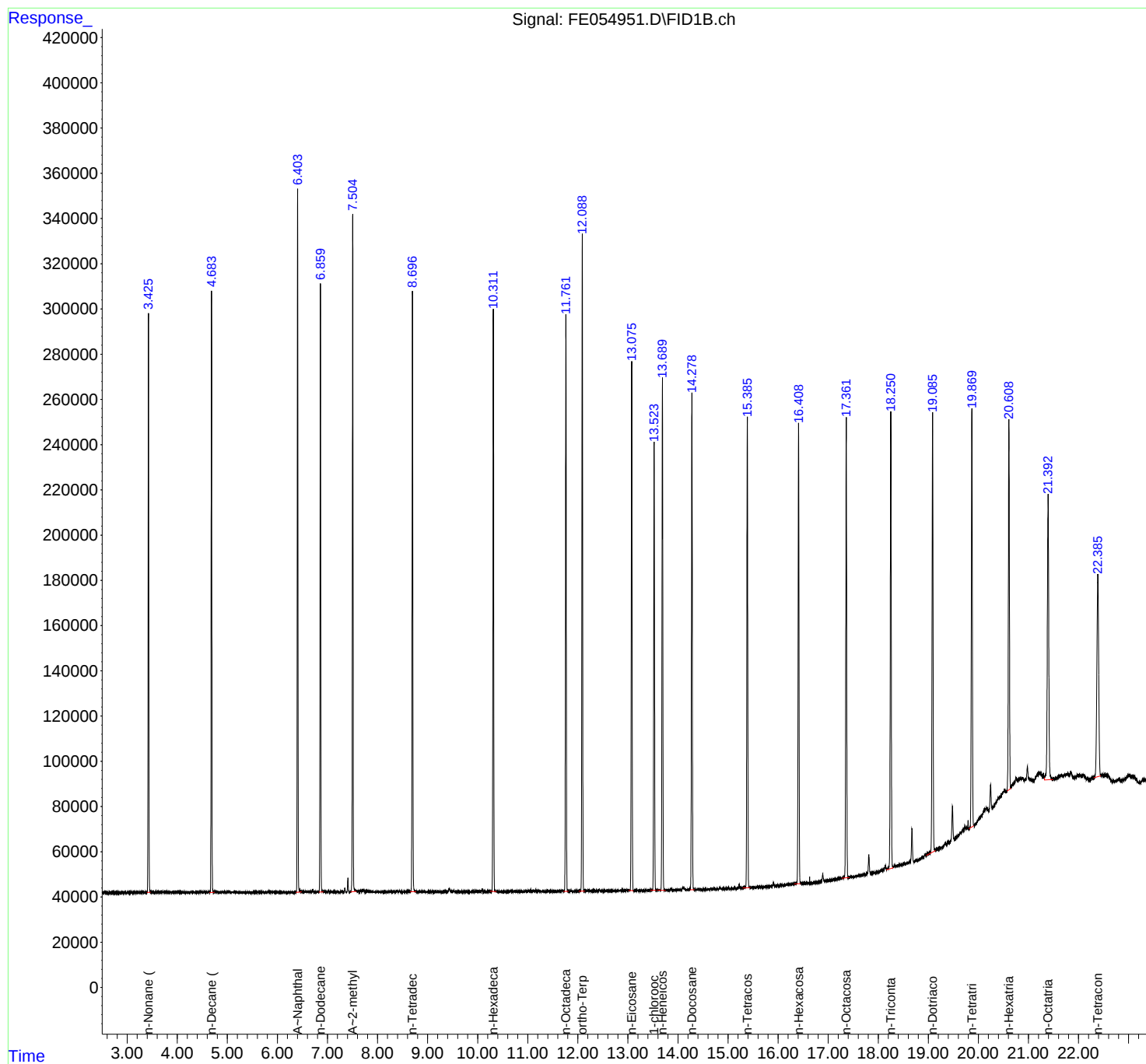
(m)=manual int.

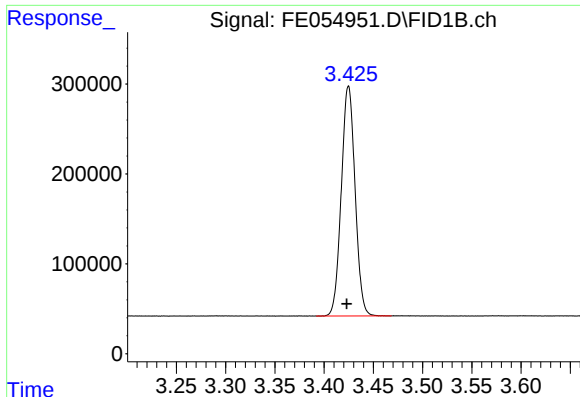
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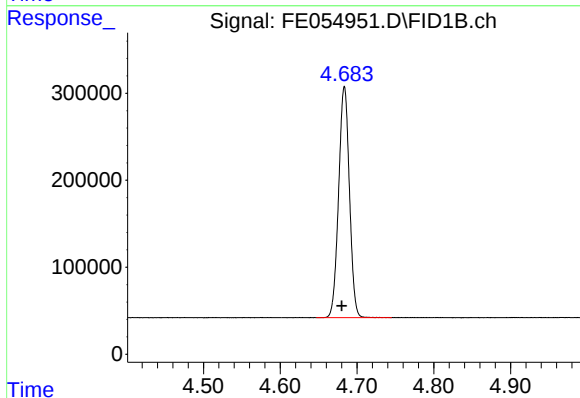




#1 n-Nonane (C9)

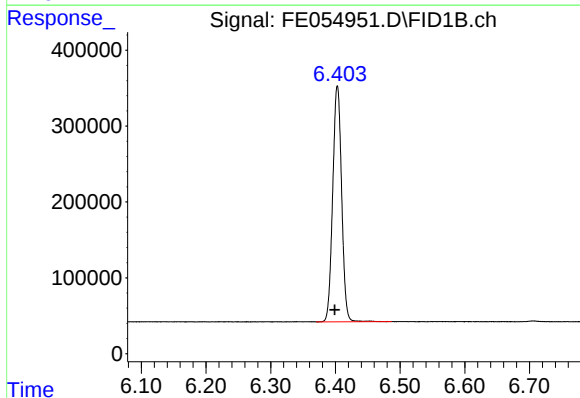
R.T.: 3.425 min
Delta R.T.: 0.002 min
Response: 2490289
Conc: 18.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



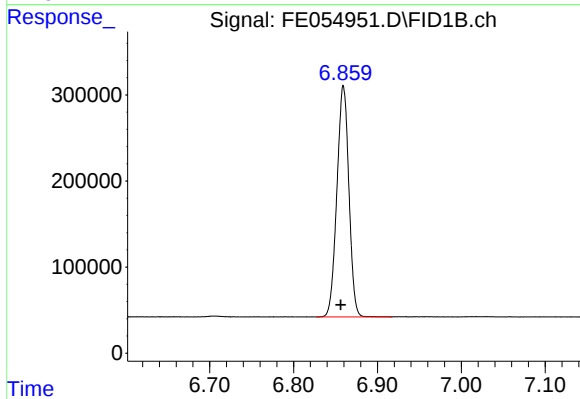
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.003 min
Response: 2596538
Conc: 19.03 ug/ml



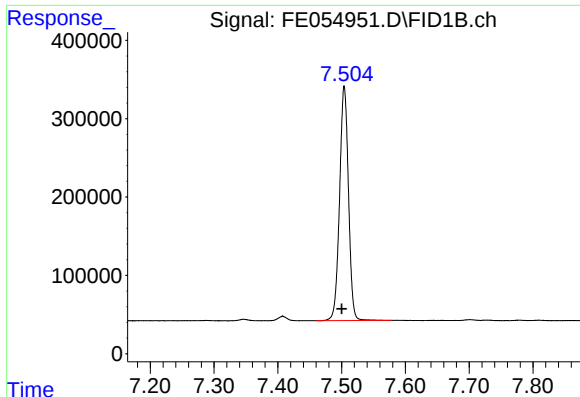
#3 A~Naphthalene (C11.7)

R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 2980793
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

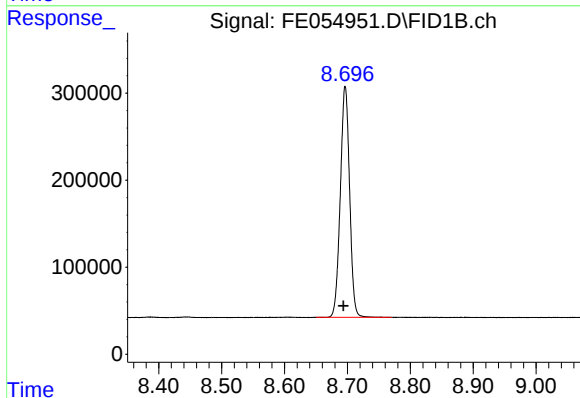
R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 2670188
Conc: 19.46 ug/ml



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

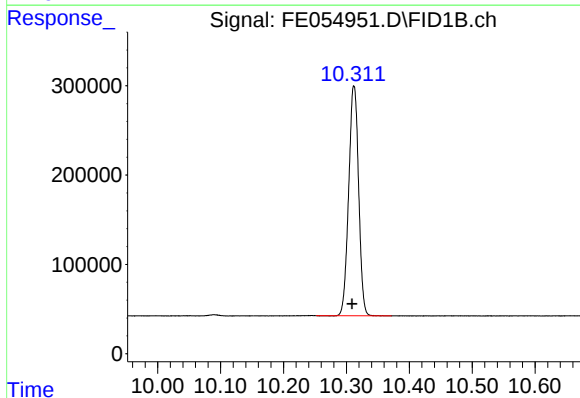
R.T.: 7.504 min
Delta R.T.: 0.004 min
Response: 2901826
Conc: 19.74 ug/ml

Instrument :
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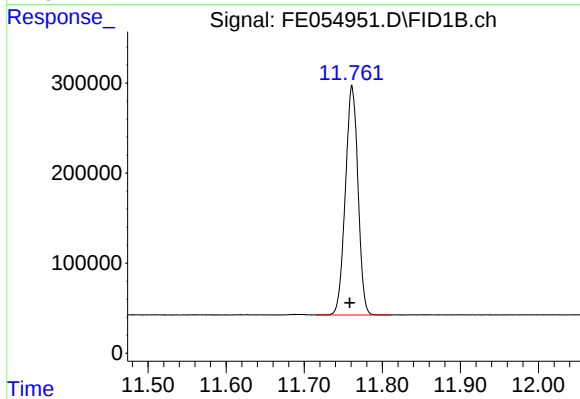
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.003 min
Response: 2727715
Conc: 19.68 ug/ml



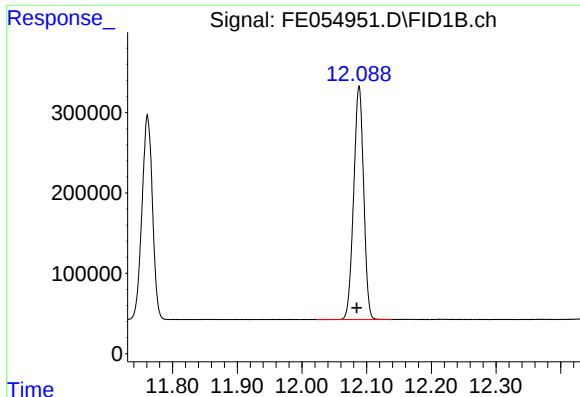
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 2825365
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

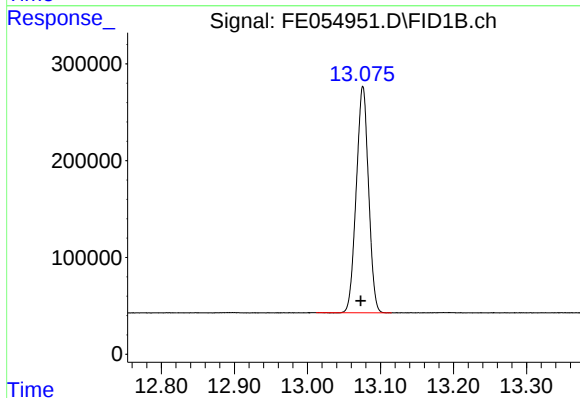
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 2861984
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

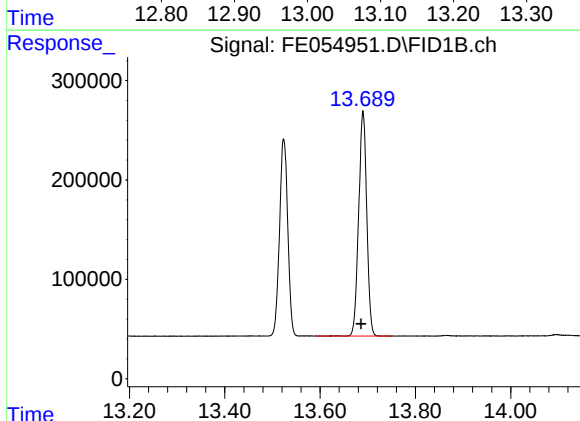
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 3114338
Conc: 19.18 ug/ml

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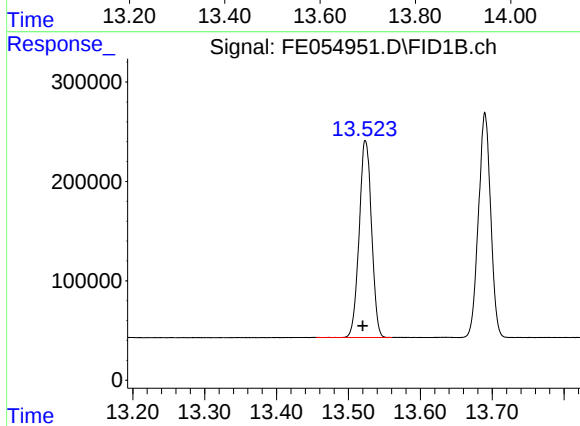
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 2730907
Conc: 18.99 ug/ml



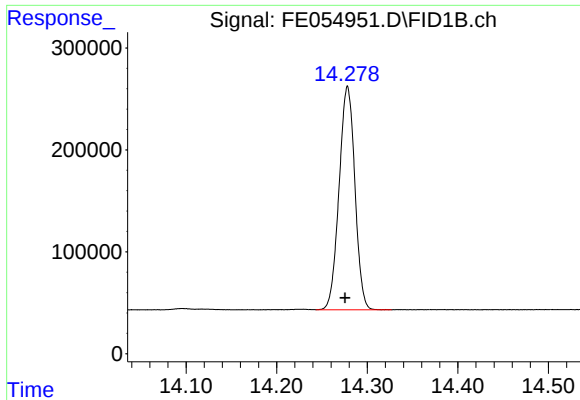
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.004 min
Response: 2679644
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

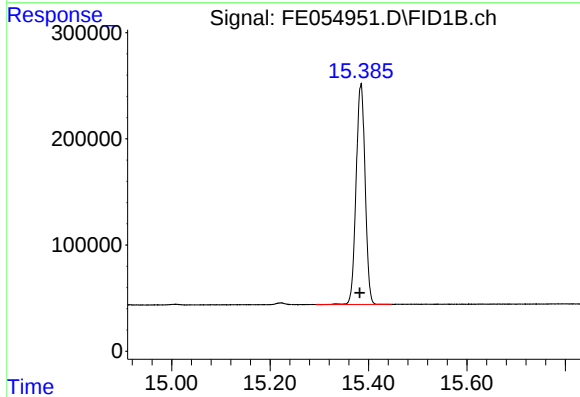
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 2363449
Conc: 18.71 ug/ml



#13 n-Docosane (C22)

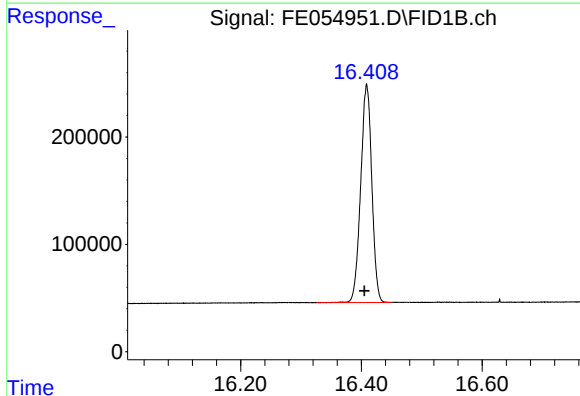
R.T.: 14.278 min
Delta R.T.: 0.003 min
Response: 2654609
Conc: 18.59 ug/ml

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20 PPM ALIPHATIC HC STD



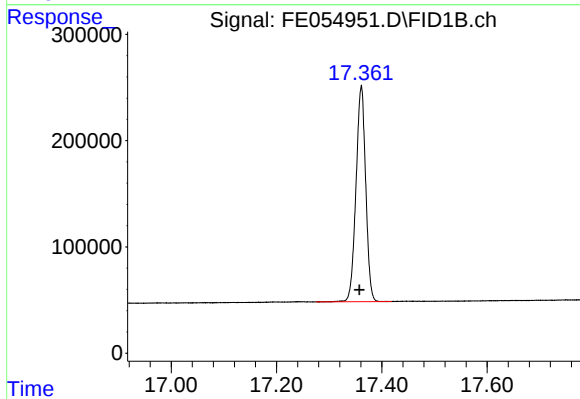
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 2645321
Conc: 18.20 ug/ml



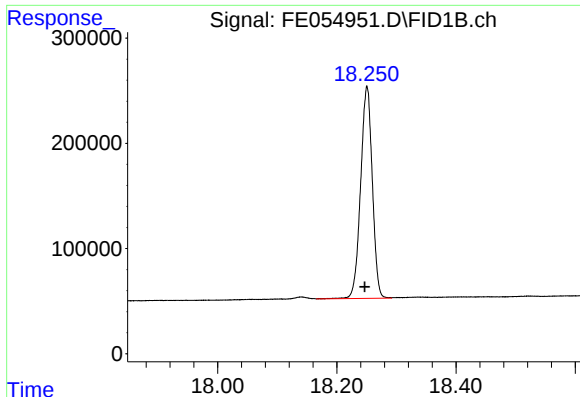
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 2595439
Conc: 17.93 ug/ml



#16 n-Octacosane (C28)

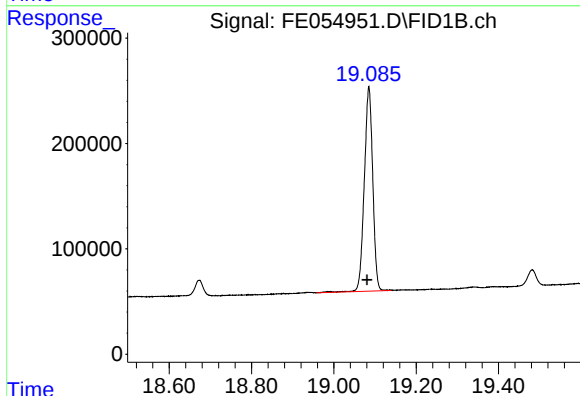
R.T.: 17.361 min
Delta R.T.: 0.003 min
Response: 2588139
Conc: 17.76 ug/ml



#17 n-Tricontane (C30)

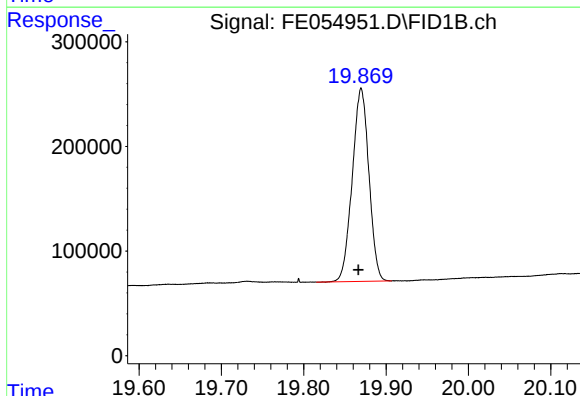
R.T.: 18.250 min
Delta R.T.: 0.004 min
Response: 2746785
Conc: 17.43 ug/ml

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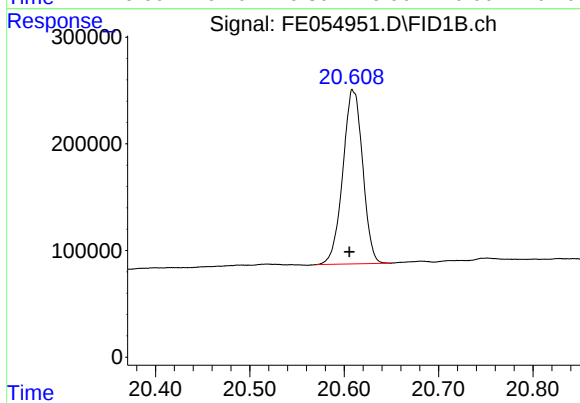
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 2768123
Conc: 17.11 ug/ml



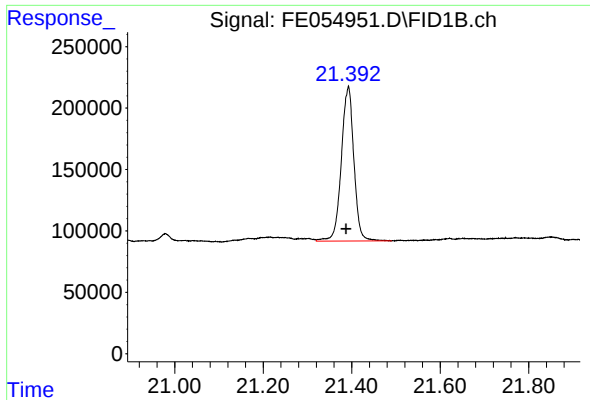
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 2590930
Conc: 17.00 ug/ml



#20 n-Hexatriacontane (C36)

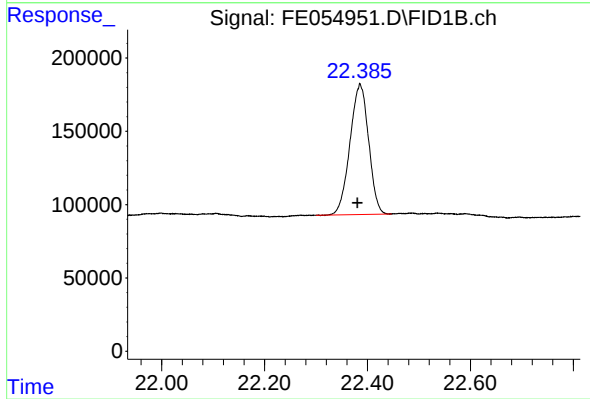
R.T.: 20.610 min
Delta R.T.: 0.004 min
Response: 2384750
Conc: 17.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.004 min
Response: 2472897
Conc: 21.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.386 min
Delta R.T.: 0.005 min
Response: 2236619
Conc: 20.64 ug/ml