

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053228.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 07:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 09 05:02:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.900	3083926	18.933 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
12) S 1-chlorooctadecane (S...	13.344	2341995	19.509 ug/ml
Spiked Amount 50.000		Recovery =	39.02%
Target Compounds			
1) T n-Nonane (C9)	3.239	2911689	18.805 ug/ml
2) T n-Decane (C10)	4.501	3038274	19.370 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3211597	19.118 ug/ml
4) T n-Dodecane (C12)	6.682	3028909	19.367 ug/ml
5) T A~2-methylnaphthalene...	7.319	3045066	19.084 ug/ml
6) T n-Tetradecane (C14)	8.520	2963427	19.354 ug/ml
7) T n-Hexadecane (C16)	10.134	3008087	19.514 ug/ml
8) T n-Octadecane (C18)	11.584	2963564	19.540 ug/ml
10) T n-Eicosane (C20)	12.898	2798558	19.629 ug/ml
11) T n-Heneicosane (C21)	13.513	2698185	19.444 ug/ml
13) T n-Docosane (C22)	14.101	2673249	19.519 ug/ml
14) T n-Tetracosane (C24)	15.208	2679884	19.842 ug/ml
15) T n-Hexacosane (C26)	16.232	2658071	19.924 ug/ml
16) T n-Octacosane (C28)	17.185	2726027	20.657 ug/ml
17) T n-Tricontane (C30)	18.076	2956985	21.816 ug/ml
18) T n-Dotriacontane (C32)	18.910	2982149	22.162 ug/ml
19) T n-Tetratriacontane (C34)	19.695	2685024	20.750 ug/ml
20) T n-Hexatriacontane (C36)	20.437	2320419	19.534 ug/ml
21) T n-Octatriacontane (C38)	21.178	2284283	19.874 ug/ml
22) T n-Tetracontane (C40)	22.099	2280601	20.306 ug/ml

(f)=RT Delta > 1/2 Window

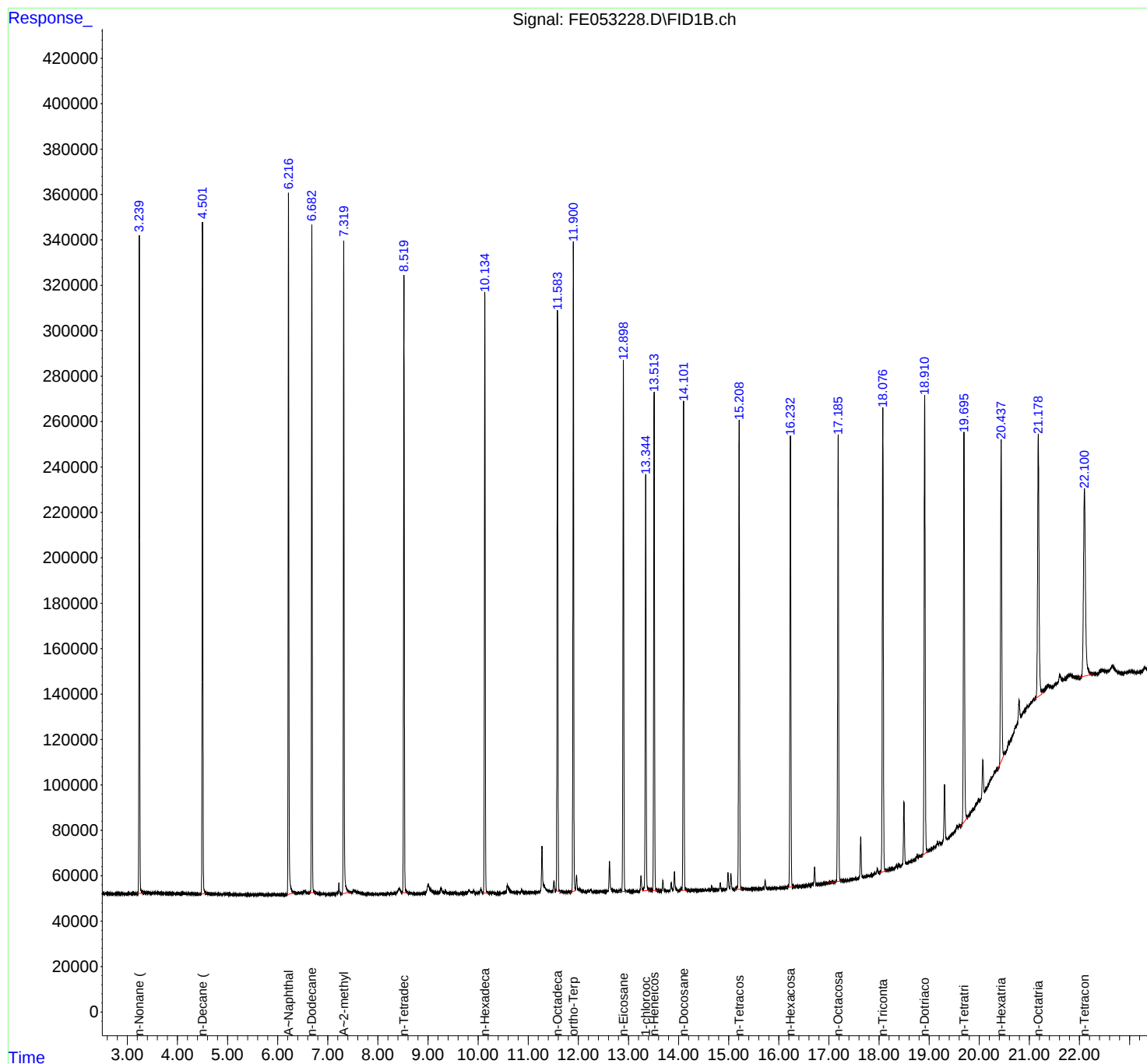
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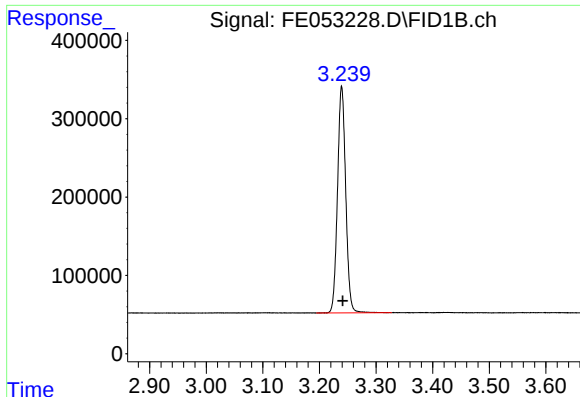
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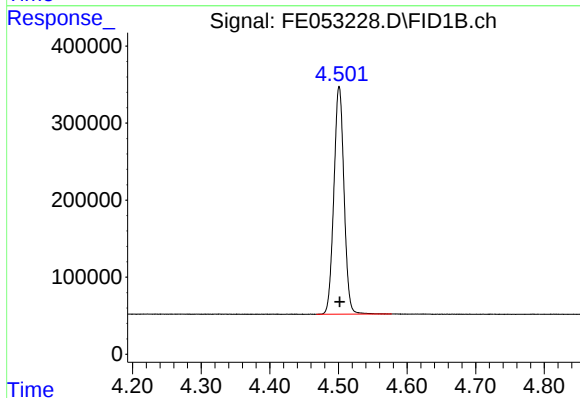




#1 n-Nonane (C9)

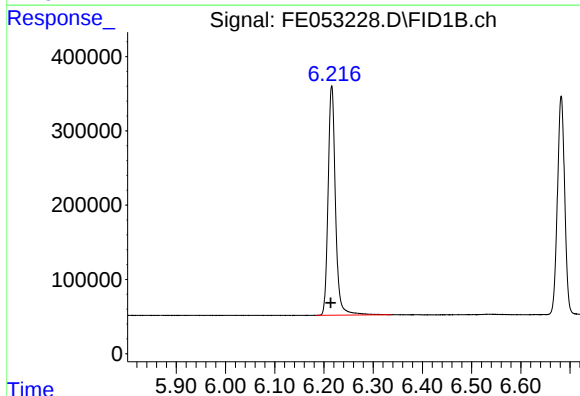
R.T.: 3.239 min
Delta R.T.: -0.002 min
Response: 2911689
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



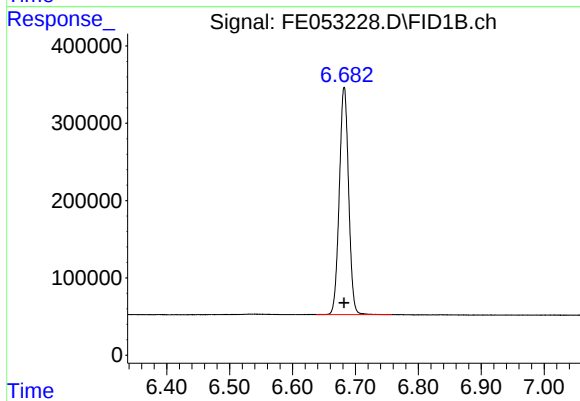
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3038274
Conc: 19.37 ug/ml



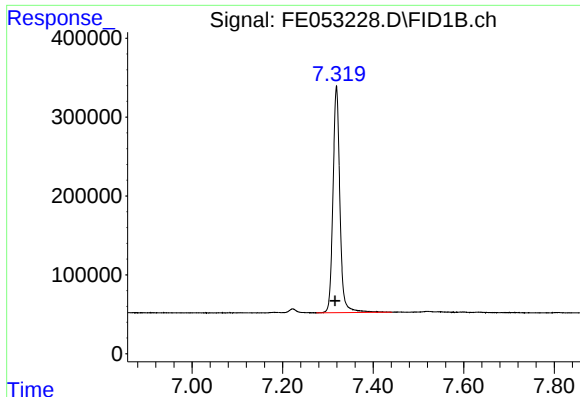
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.002 min
Response: 3211597
Conc: 19.12 ug/ml



#4 n-Dodecane (C12)

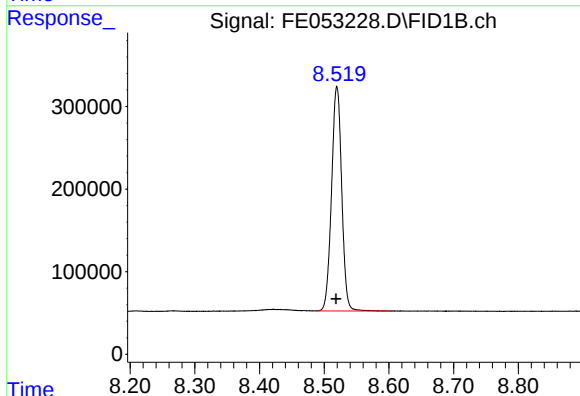
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 3028909
Conc: 19.37 ug/ml



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

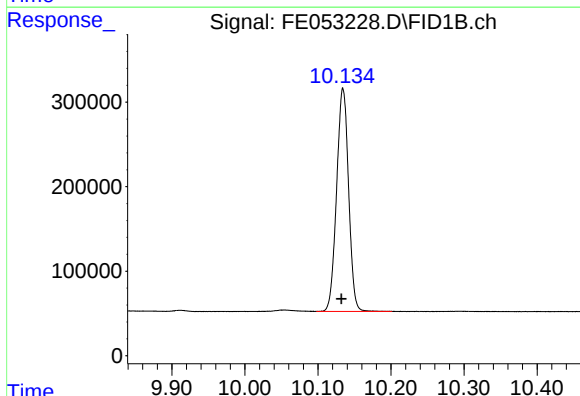
R.T.: 7.319 min
Delta R.T.: 0.003 min
Response: 3045066
Conc: 19.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



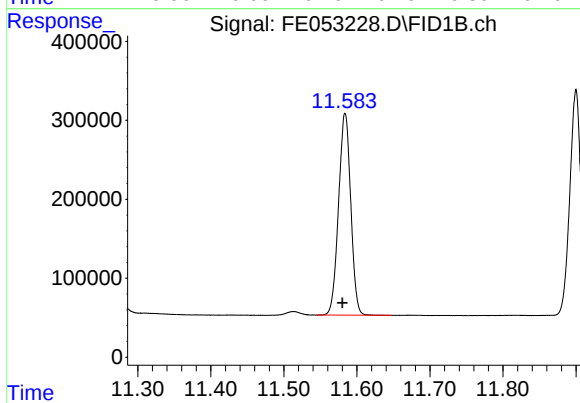
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: 0.002 min
Response: 2963427
Conc: 19.35 ug/ml



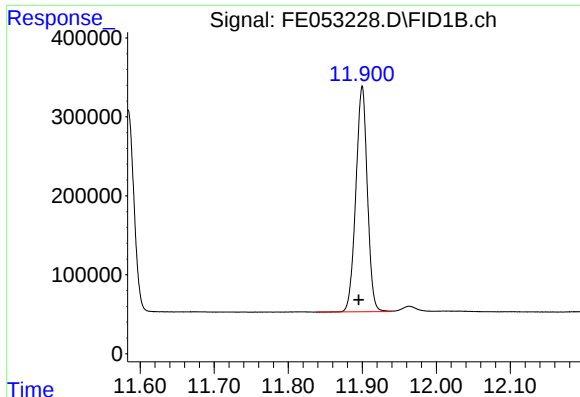
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 3008087
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

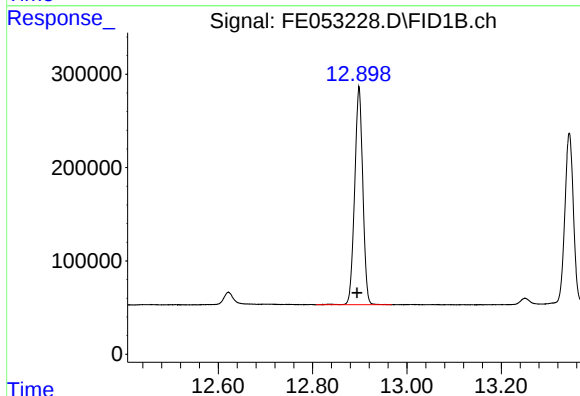
R.T.: 11.584 min
Delta R.T.: 0.004 min
Response: 2963564
Conc: 19.54 ug/ml



#9 ortho-Terphenyl (SURR)

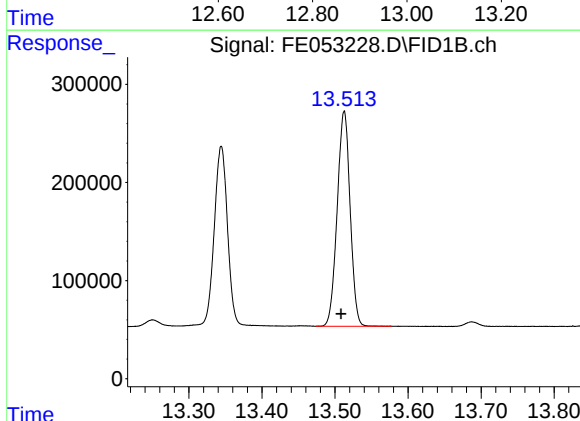
R.T.: 11.900 min
Delta R.T.: 0.005 min
Response: 3083926
Conc: 18.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



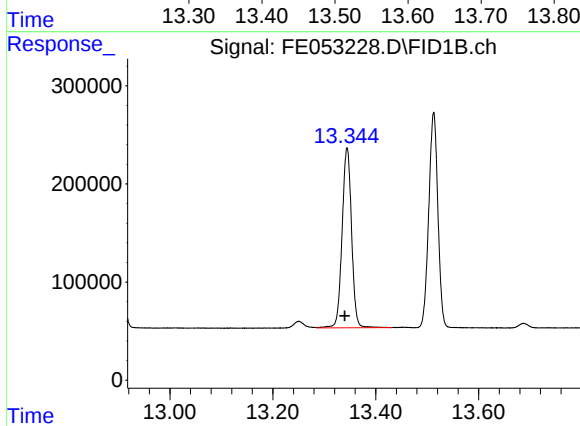
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: 0.004 min
Response: 2798558
Conc: 19.63 ug/ml



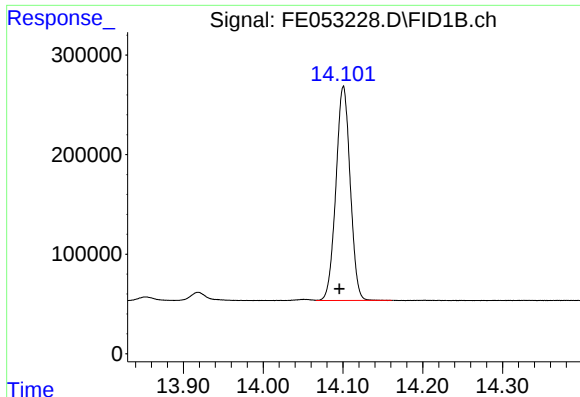
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: 0.004 min
Response: 2698185
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

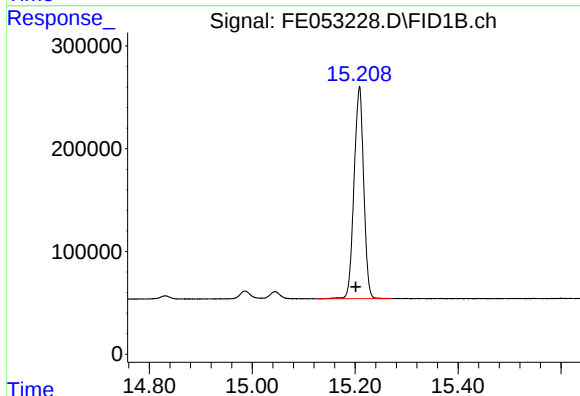
R.T.: 13.344 min
Delta R.T.: 0.005 min
Response: 2341995
Conc: 19.51 ug/ml



#13 n-Docosane (C22)

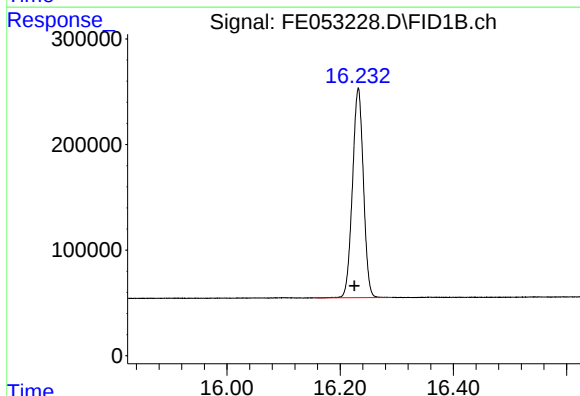
R.T.: 14.101 min
Delta R.T.: 0.005 min
Response: 2673249
Conc: 19.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



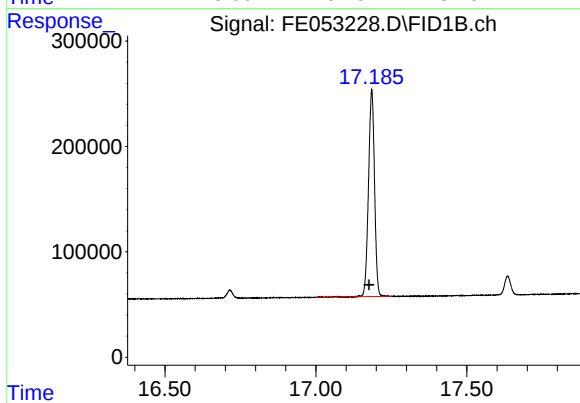
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: 0.007 min
Response: 2679884
Conc: 19.84 ug/ml



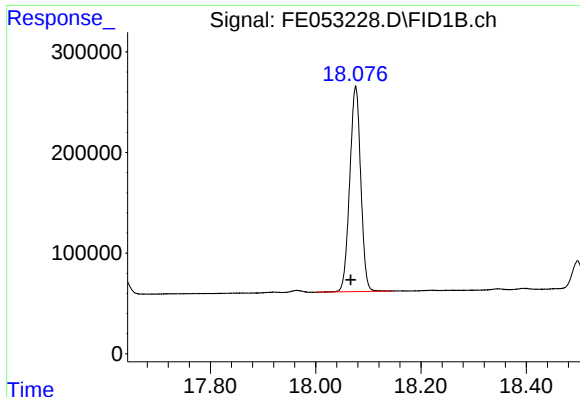
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.006 min
Response: 2658071
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

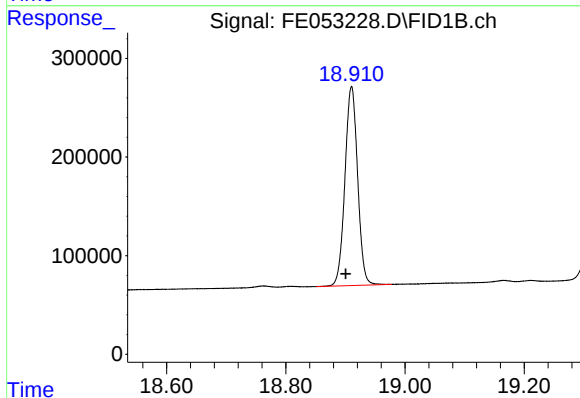
R.T.: 17.185 min
Delta R.T.: 0.008 min
Response: 2726027
Conc: 20.66 ug/ml



#17 n-Tricontane (C30)

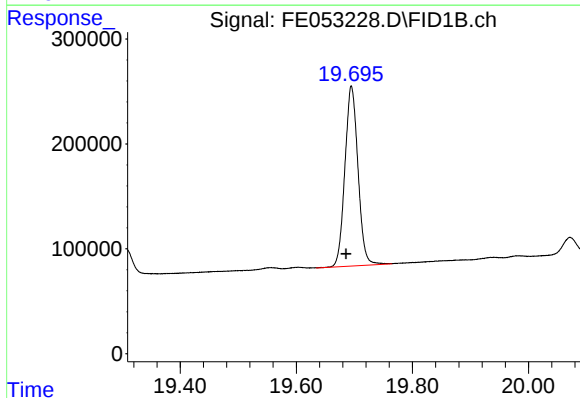
R.T.: 18.076 min
Delta R.T.: 0.010 min
Response: 2956985
Conc: 21.82 ug/ml

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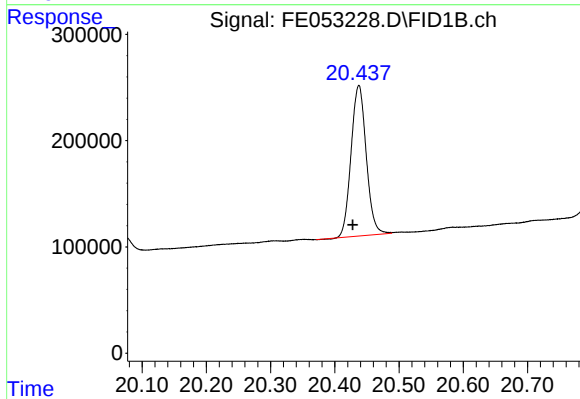
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.010 min
Response: 2982149
Conc: 22.16 ug/ml



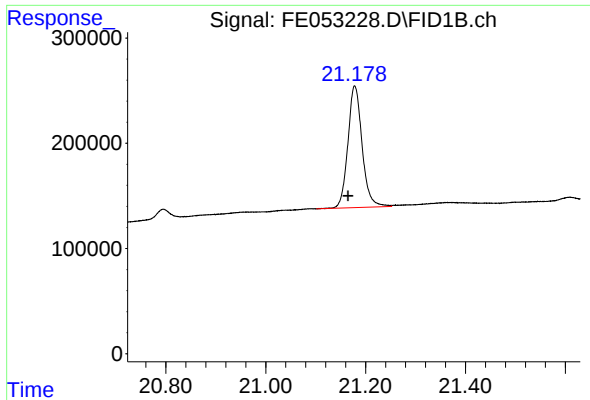
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.009 min
Response: 2685024
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

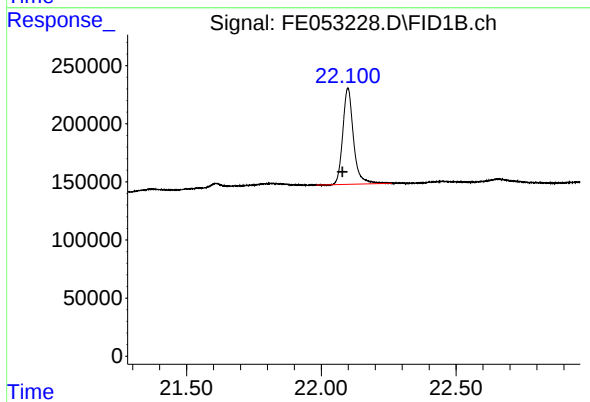
R.T.: 20.437 min
Delta R.T.: 0.010 min
Response: 2320419
Conc: 19.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.013 min
Response: 2284283
Conc: 19.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: 0.020 min
Response: 2280601
Conc: 20.31 ug/ml