

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055319.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 09:46
 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: Aug 15 12:26:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.083	2492421	17.453 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
12) S 1-chlorooctadecane (S...	13.519	1906429	17.730 ug/ml
Spiked Amount 50.000		Recovery =	35.46%
Target Compounds			
1) T n-Nonane (C9)	3.421	1928675	16.805 ug/ml
2) T n-Decane (C10)	4.678	2040090	17.512 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2314065	17.239 ug/ml
4) T n-Dodecane (C12)	6.854	2106829	17.692 ug/ml
5) T A~2-methylnaphthalene...	7.499	2252185	17.274 ug/ml
6) T n-Tetradecane (C14)	8.691	2160842	17.624 ug/ml
7) T n-Hexadecane (C16)	10.307	2263551	17.706 ug/ml
8) T n-Octadecane (C18)	11.756	2314262	17.737 ug/ml
10) T n-Eicosane (C20)	13.071	2225622	17.738 ug/ml
11) T n-Heneicosane (C21)	13.685	2164645	17.561 ug/ml
13) T n-Docosane (C22)	14.274	2228373	18.247 ug/ml
14) T n-Tetracosane (C24)	15.380	2375813	19.533 ug/ml
15) T n-Hexacosane (C26)	16.405	2442740	20.416 ug/ml
16) T n-Octacosane (C28)	17.358	2608293	21.988 ug/ml
17) T n-Tricontane (C30)	18.248	2834206	23.033 ug/ml
18) T n-Dotriacontane (C32)	19.082	2914996	23.891 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2605157	22.282 ug/ml
20) T n-Hexatriacontane (C36)	20.610	2282569	20.884 ug/ml
21) T n-Octatriacontane (C38)	21.390	2080456	19.251 ug/ml
22) T n-Tetracontane (C40)	22.382	1930722	18.463 ug/ml

(f)=RT Delta > 1/2 Window

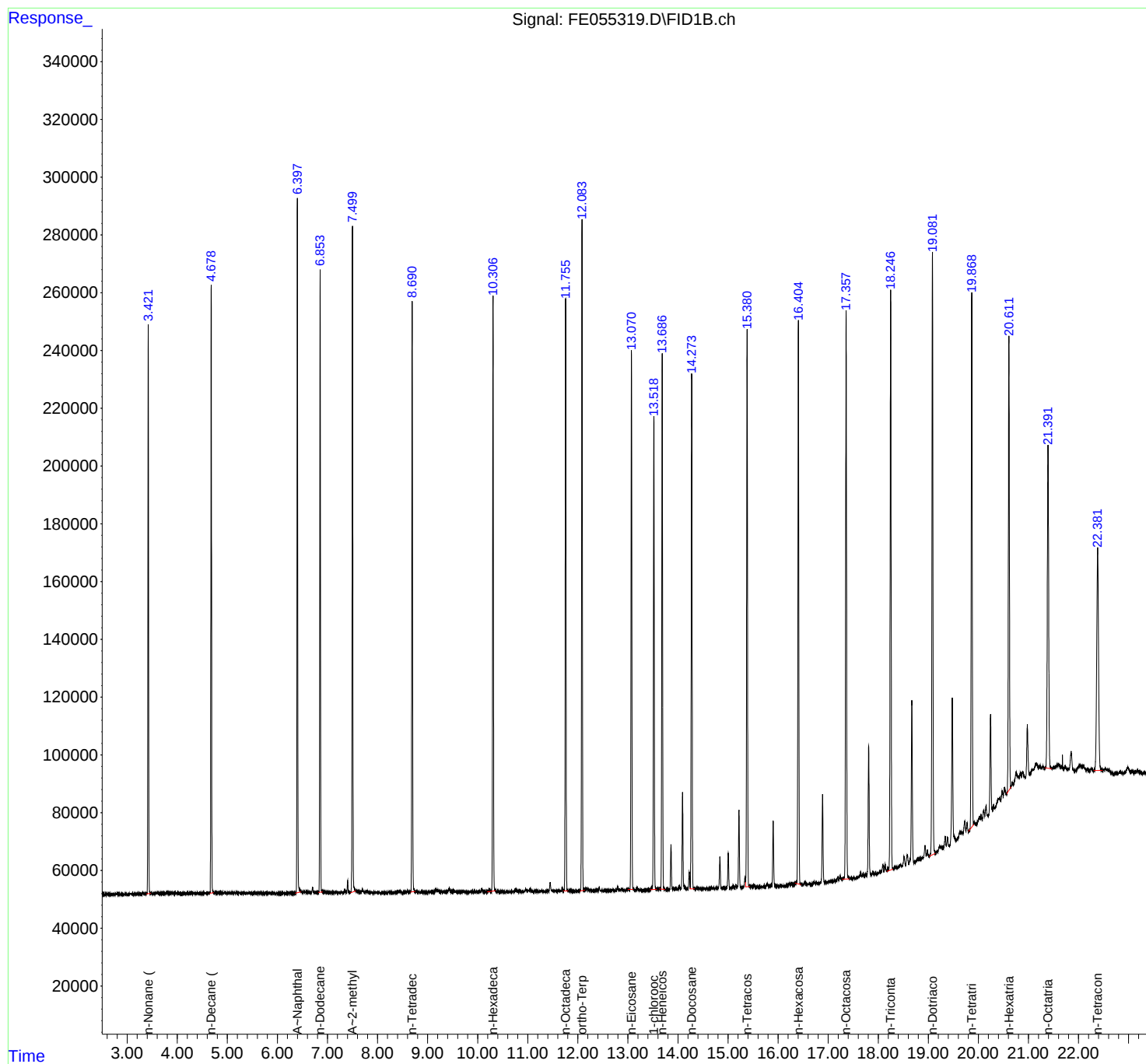
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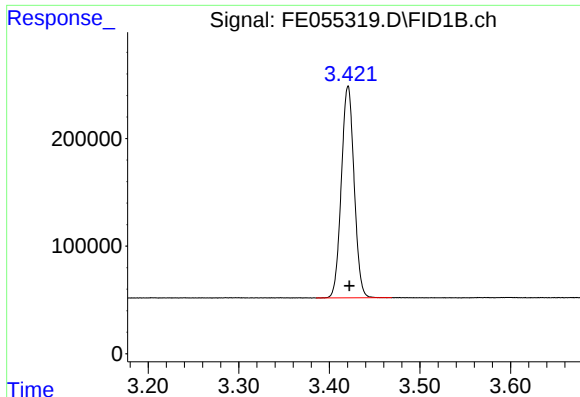
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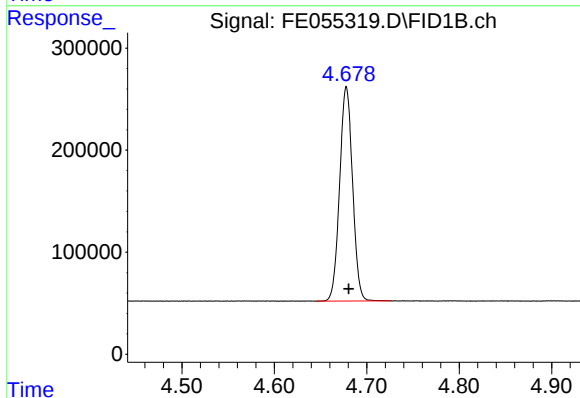




#1 n-Nonane (C9)

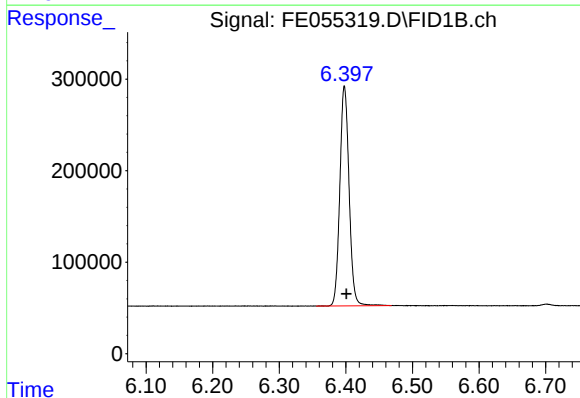
R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 1928675
Conc: 16.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



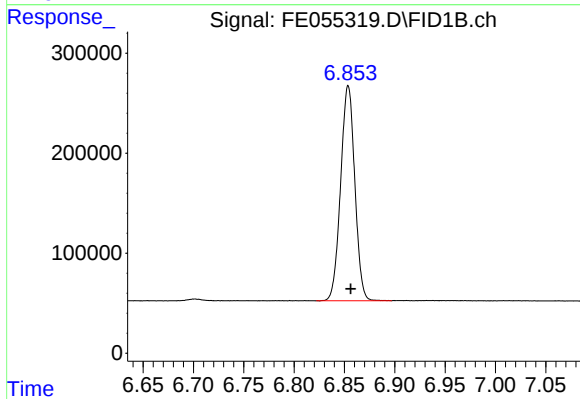
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 2040090
Conc: 17.51 ug/ml



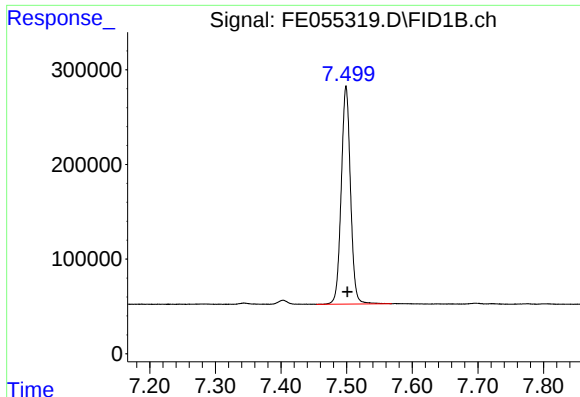
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2314065
Conc: 17.24 ug/ml



#4 n-Dodecane (C12)

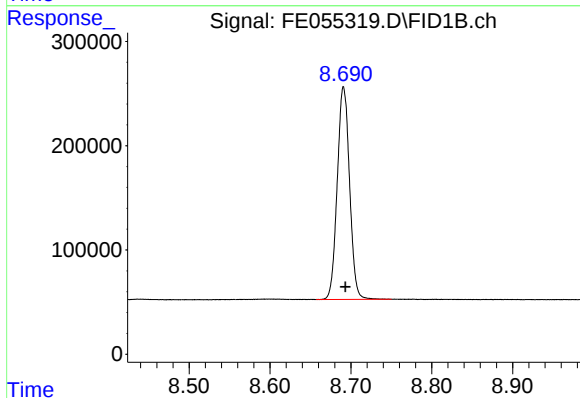
R.T.: 6.854 min
Delta R.T.: -0.003 min
Response: 2106829
Conc: 17.69 ug/ml



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

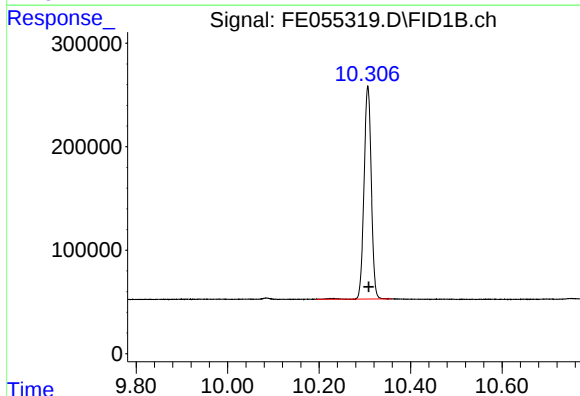
R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 2252185
Conc: 17.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



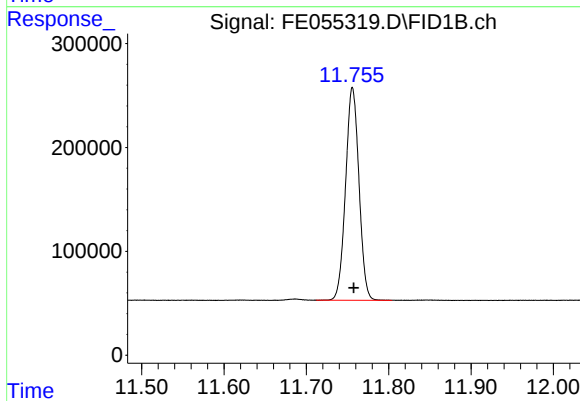
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2160842
Conc: 17.62 ug/ml



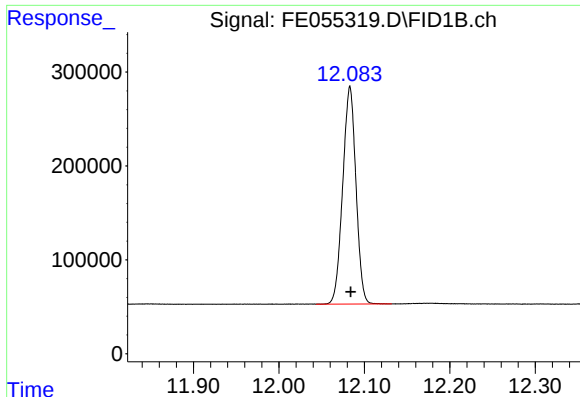
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.002 min
Response: 2263551
Conc: 17.71 ug/ml



#8 n-Octadecane (C18)

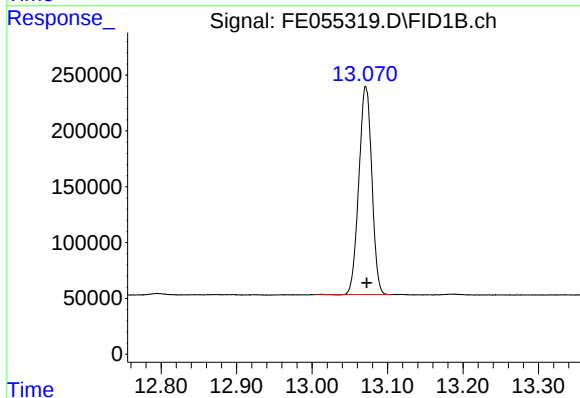
R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 2314262
Conc: 17.74 ug/ml



#9 ortho-Terphenyl (SURR)

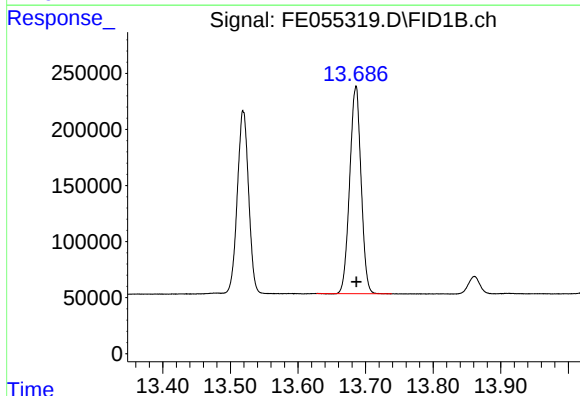
R.T.: 12.083 min
Delta R.T.: -0.001 min
Response: 2492421
Conc: 17.45 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



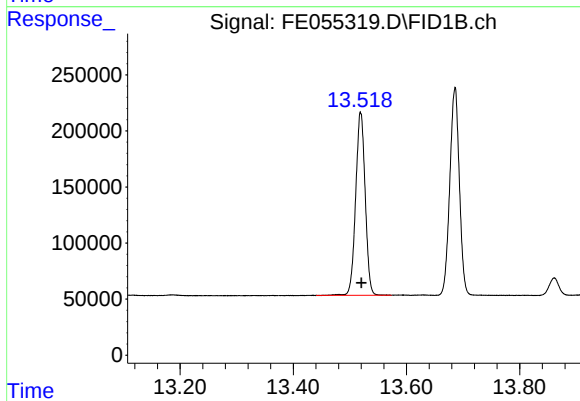
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 2225622
Conc: 17.74 ug/ml



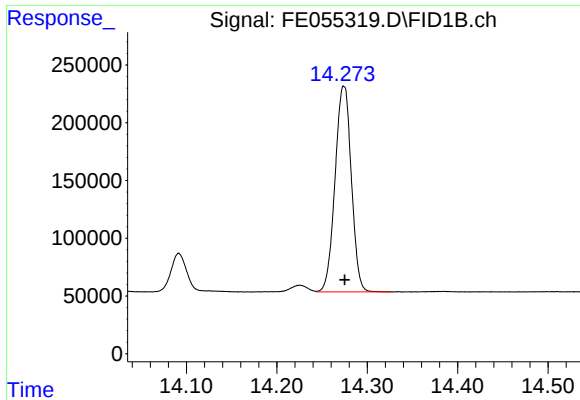
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: 0.000 min
Response: 2164645
Conc: 17.56 ug/ml



#12 1-chlorooctadecane (SURR)

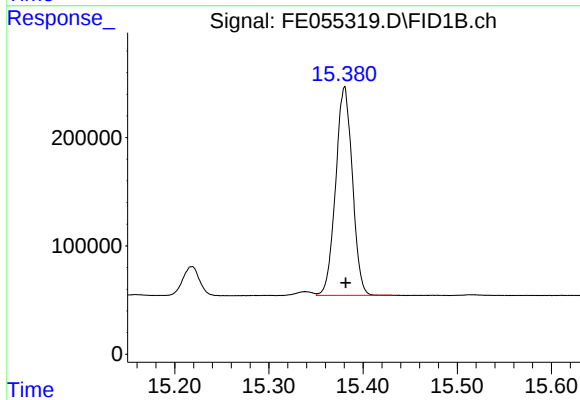
R.T.: 13.519 min
Delta R.T.: -0.001 min
Response: 1906429
Conc: 17.73 ug/ml



#13 n-Docosane (C22)

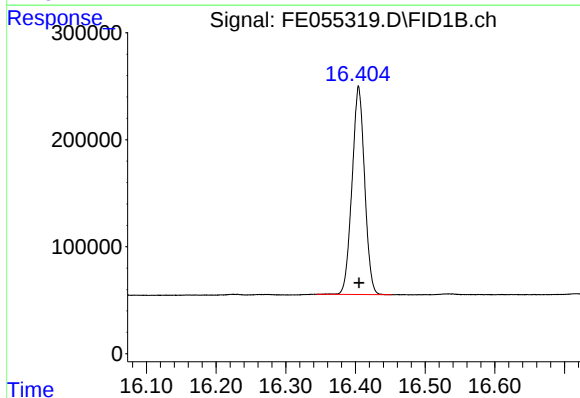
R.T.: 14.274 min
Delta R.T.: 0.000 min
Response: 2228373
Conc: 18.25 ug/ml

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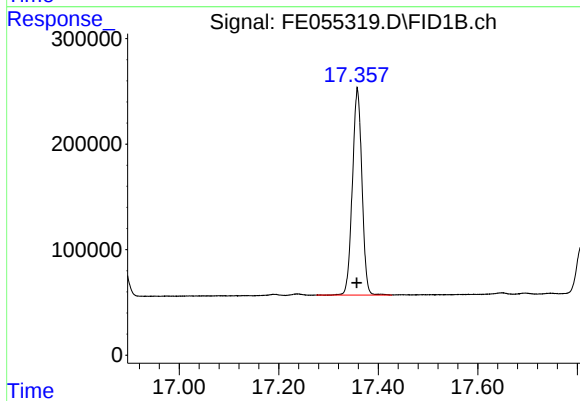
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 2375813
Conc: 19.53 ug/ml



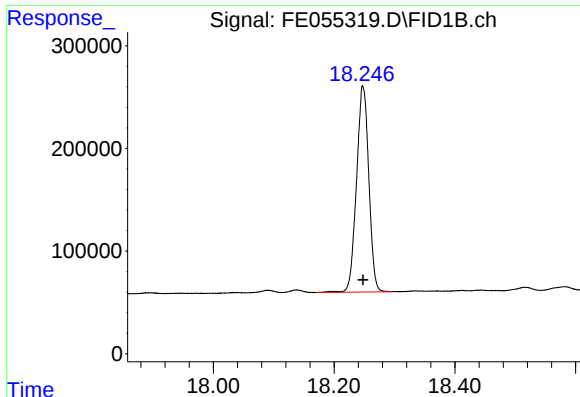
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.000 min
Response: 2442740
Conc: 20.42 ug/ml



#16 n-Octacosane (C28)

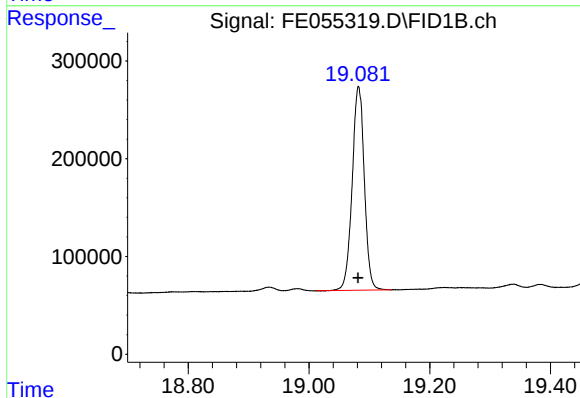
R.T.: 17.358 min
Delta R.T.: 0.001 min
Response: 2608293
Conc: 21.99 ug/ml



#17 n-Tricontane (C30)

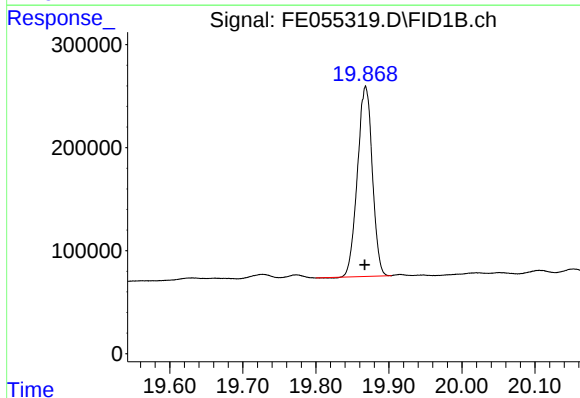
R.T.: 18.248 min
Delta R.T.: 0.000 min
Response: 2834206
Conc: 23.03 ug/ml

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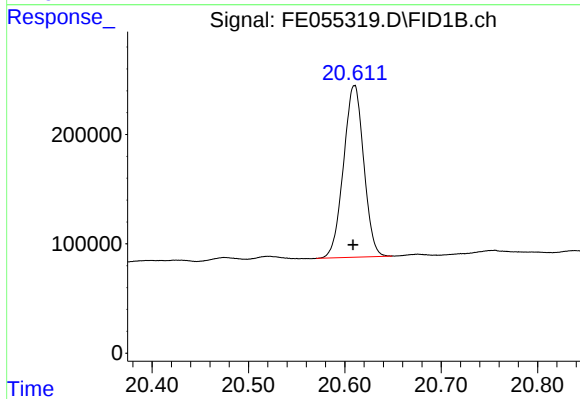
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 2914996
Conc: 23.89 ug/ml



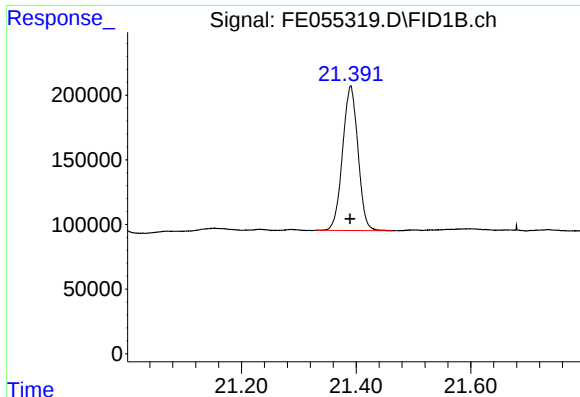
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 2605157
Conc: 22.28 ug/ml



#20 n-Hexatriacontane (C36)

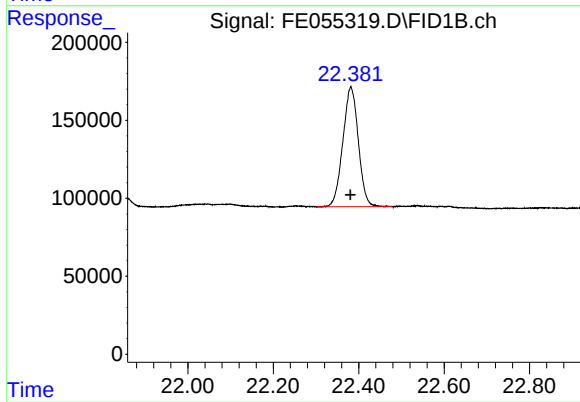
R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 2282569
Conc: 20.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.000 min
Response: 2080456
Conc: 19.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.382 min
Delta R.T.: 0.000 min
Response: 1930722
Conc: 18.46 ug/ml