

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082225AL\
 Data File : FE055449.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2025 08:10
 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: sample.E
 Quant Time: Aug 25 04:15:43 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)	12.084	2929257	20.512 ug/ml
Spiked Amount 50.000		Recovery =	41.02%
12) S 1-chlorooctadecane (S...	13.521	2237057	20.805 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
Target Compounds			
1) T n-Nonane (C9)	3.418	2254725	19.646 ug/ml
2) T n-Decane (C10)	4.677	2337804	20.068 ug/ml
3) T A~Naphthalene (C11.7)	6.398	2672384	19.909 ug/ml
4) T n-Dodecane (C12)	6.853	2405467	20.200 ug/ml
5) T A~2-methylnaphthalene...	7.500	2618742	20.085 ug/ml
6) T n-Tetradecane (C14)	8.691	2447581	19.962 ug/ml
7) T n-Hexadecane (C16)	10.307	2590423	20.262 ug/ml
8) T n-Octadecane (C18)	11.757	2681103	20.549 ug/ml
10) T n-Eicosane (C20)	13.072	2591683	20.655 ug/ml
11) T n-Heneicosane (C21)	13.687	2540408	20.609 ug/ml
13) T n-Docosane (C22)	14.276	2524455	20.672 ug/ml
14) T n-Tetracosane (C24)	15.382	2518520	20.706 ug/ml
15) T n-Hexacosane (C26)	16.407	2471675	20.658 ug/ml
16) T n-Octacosane (C28)	17.359	2492843	21.015 ug/ml
17) T n-Tricontane (C30)	18.249	2679017	21.772 ug/ml
18) T n-Dotriacontane (C32)	19.083	2763071	22.646 ug/ml
19) T n-Tetratriacontane (C34)	19.869	2643152	22.607 ug/ml
20) T n-Hexatriacontane (C36)	20.611	2429272	22.226 ug/ml
21) T n-Octatriacontane (C38)	21.392	2318758	21.456 ug/ml
22) T n-Tetracontane (C40)	22.384	2149537	20.555 ug/ml

(f)=RT Delta > 1/2 Window

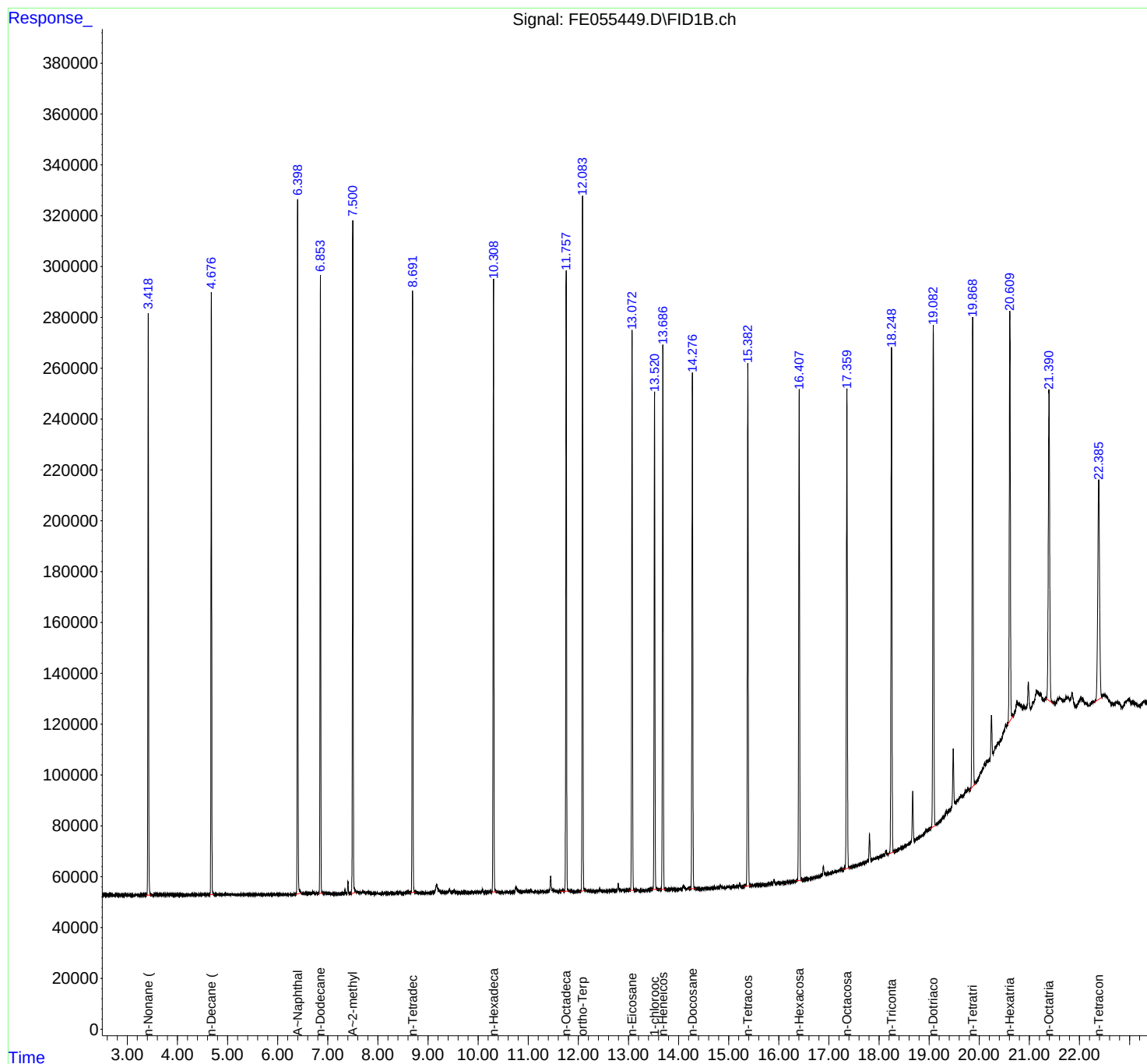
(m)=manual int.

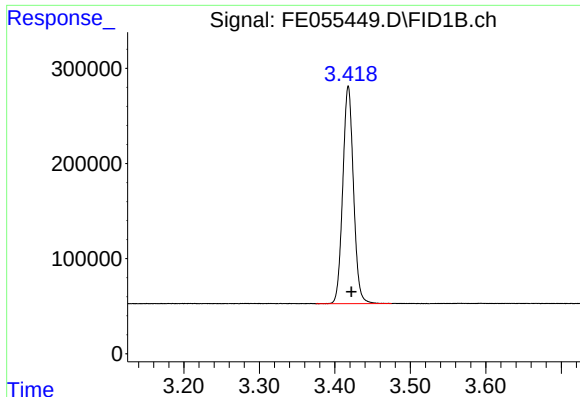
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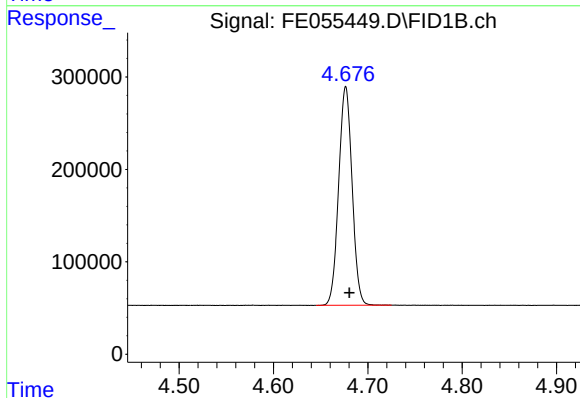




#1 n-Nonane (C9)

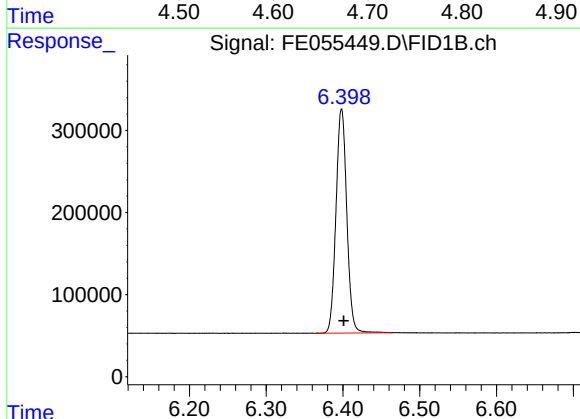
R.T.: 3.418 min
Delta R.T.: -0.004 min
Response: 2254725
Conc: 19.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



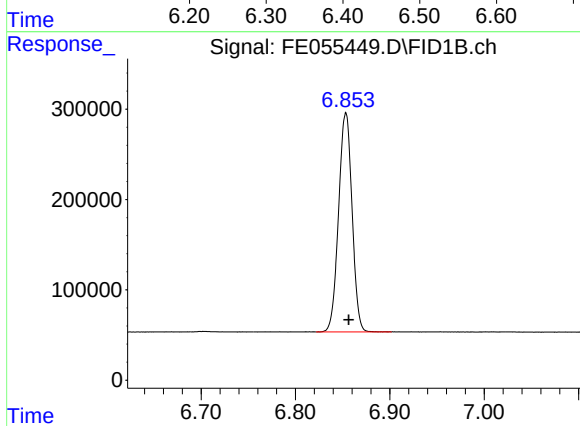
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.004 min
Response: 2337804
Conc: 20.07 ug/ml



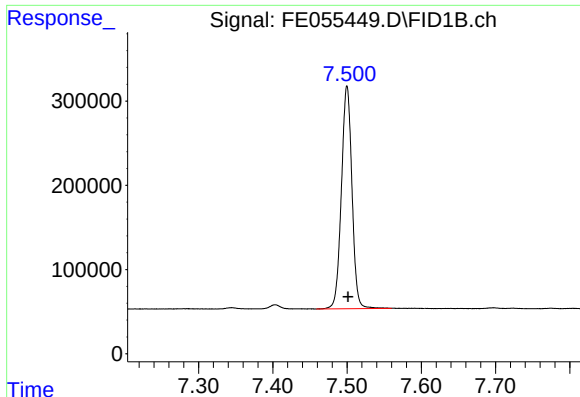
#3 A~Naphthalene (C11.7)

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 2672384
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

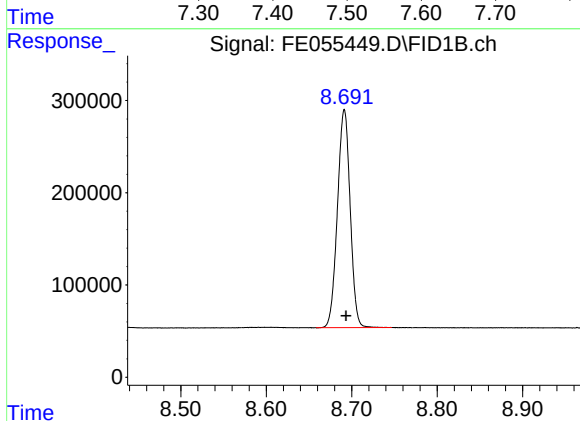
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2405467
Conc: 20.20 ug/ml



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

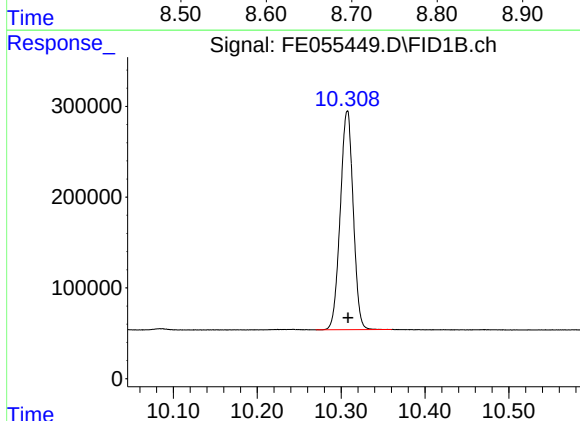
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 2618742
Conc: 20.08 ug/ml

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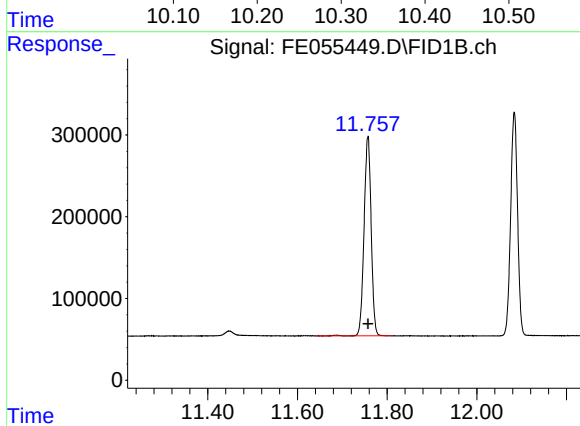
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 2447581
Conc: 19.96 ug/ml



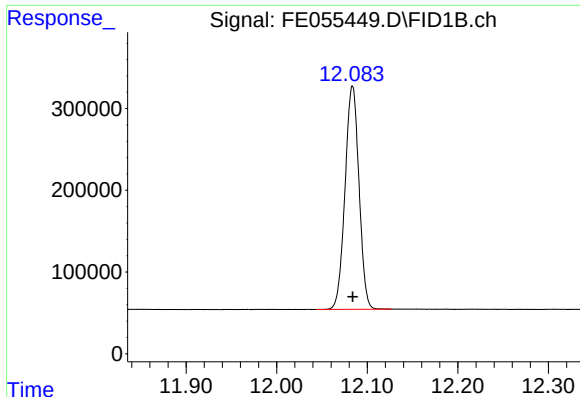
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: -0.001 min
Response: 2590423
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

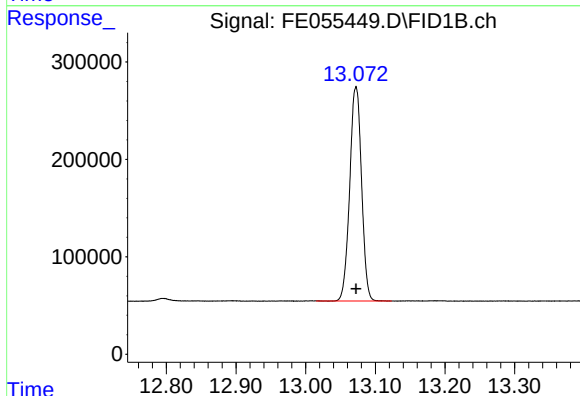
R.T.: 11.757 min
Delta R.T.: 0.000 min
Response: 2681103
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

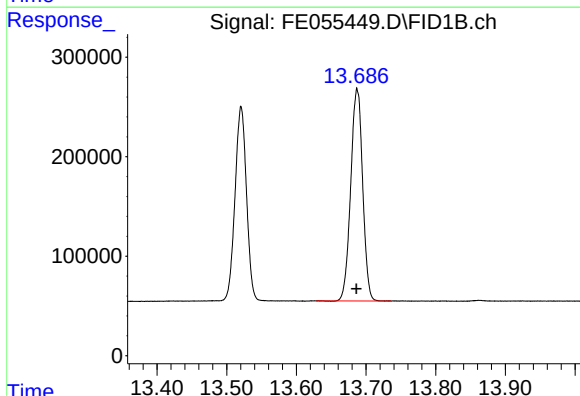
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 2929257
Conc: 20.51 ug/ml

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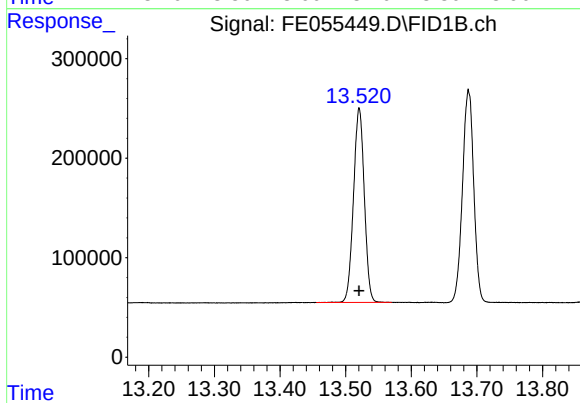
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2591683
Conc: 20.66 ug/ml



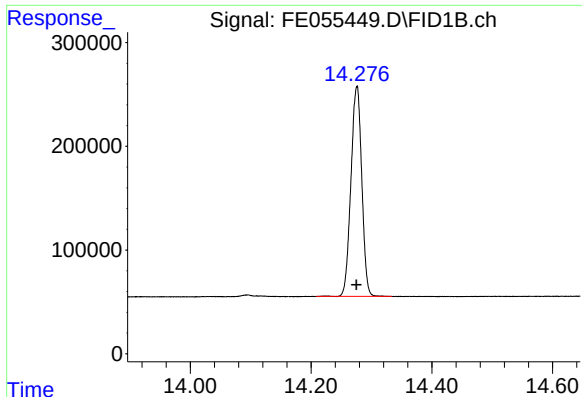
#11 n-Heneicosane (C21)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 2540408
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

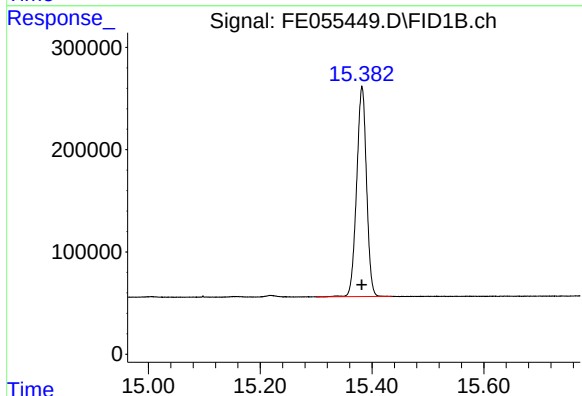
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2237057
Conc: 20.81 ug/ml



#13 n-Docosane (C22)

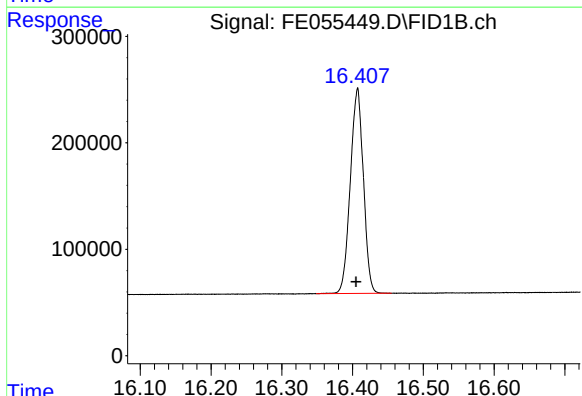
R.T.: 14.276 min
Delta R.T.: 0.000 min
Response: 2524455
Conc: 20.67 ug/ml

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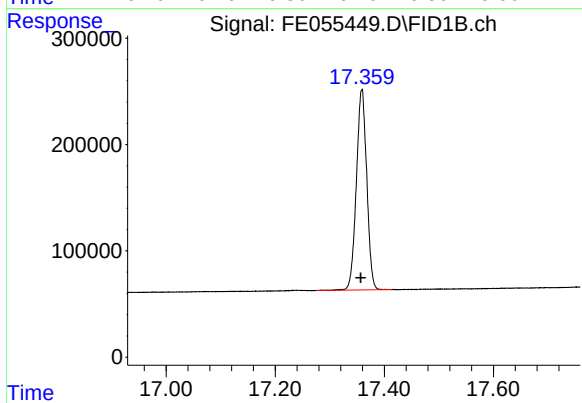
#14 n-Tetracosane (C24)

R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 2518520
Conc: 20.71 ug/ml



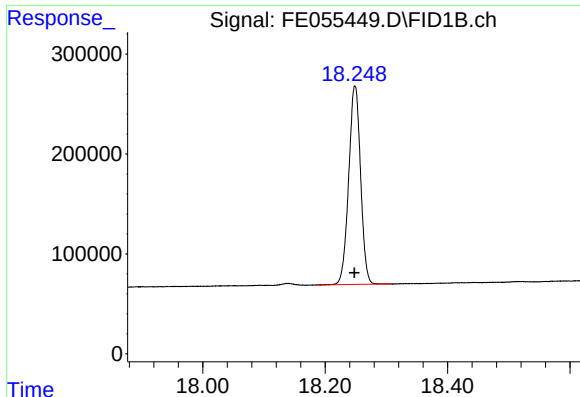
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 2471675
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

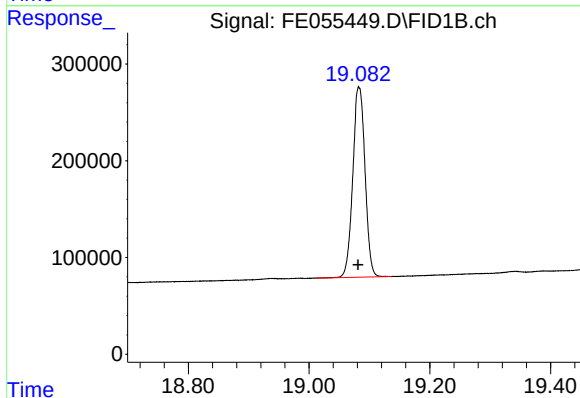
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 2492843
Conc: 21.01 ug/ml



#17 n-Tricontane (C30)

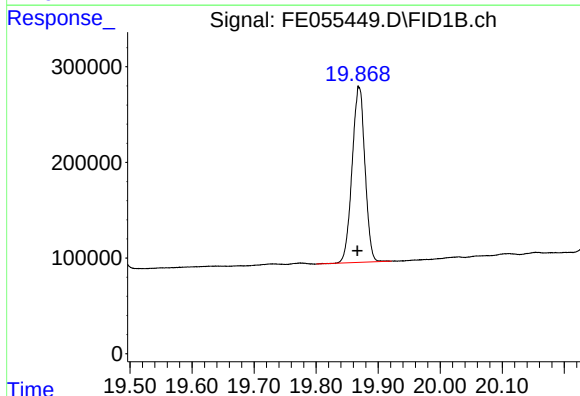
R.T.: 18.249 min
Delta R.T.: 0.000 min
Response: 2679017
Conc: 21.77 ug/ml

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20 PPM ALIPHATIC HC STD



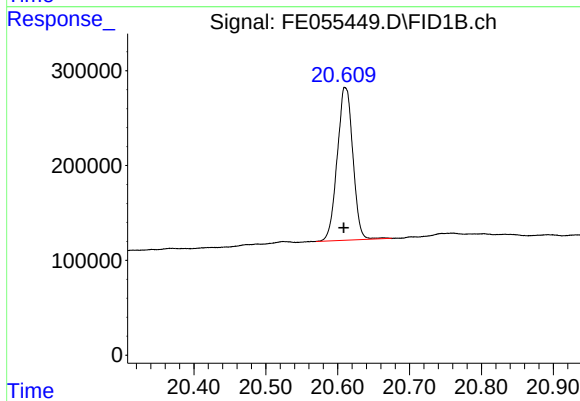
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.001 min
Response: 2763071
Conc: 22.65 ug/ml



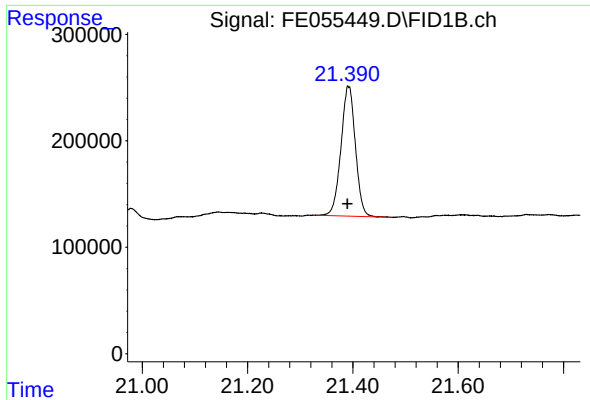
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 2643152
Conc: 22.61 ug/ml



#20 n-Hexatriacontane (C36)

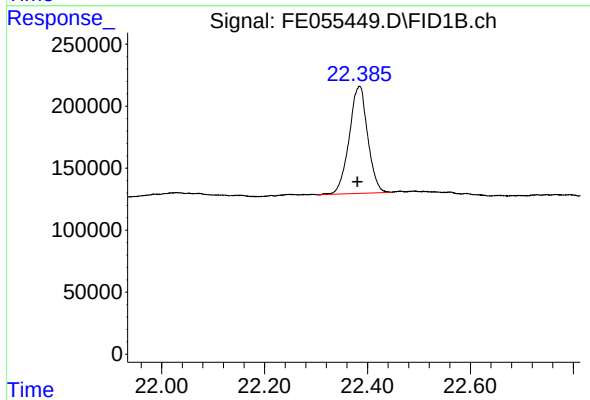
R.T.: 20.611 min
Delta R.T.: 0.003 min
Response: 2429272
Conc: 22.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.002 min
Response: 2318758
Conc: 21.46 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.004 min
Response: 2149537
Conc: 20.56 ug/ml