

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055326.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 13:51
 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 18 04:03:16 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)	12.082	3102442	21.725 ug/ml
Spiked Amount 50.000		Recovery =	43.45%
12) S 1-chlorooctadecane (S...	13.518	2367147	22.015 ug/ml
Spiked Amount 50.000		Recovery =	44.03%
Target Compounds			
1) T n-Nonane (C9)	3.420	2576376	22.448 ug/ml
2) T n-Decane (C10)	4.678	2611813	22.420 ug/ml
3) T A~Naphthalene (C11.7)	6.397	2940302	21.905 ug/ml
4) T n-Dodecane (C12)	6.853	2655437	22.299 ug/ml
5) T A~2-methylnaphthalene...	7.498	2839143	21.775 ug/ml
6) T n-Tetradecane (C14)	8.691	2694243	21.974 ug/ml
7) T n-Hexadecane (C16)	10.306	2782826	21.767 ug/ml
8) T n-Octadecane (C18)	11.756	2845604	21.810 ug/ml
10) T n-Eicosane (C20)	13.071	2741578	21.850 ug/ml
11) T n-Heneicosane (C21)	13.685	2686542	21.794 ug/ml
13) T n-Docosane (C22)	14.273	2654659	21.738 ug/ml
14) T n-Tetracosane (C24)	15.379	2634029	21.655 ug/ml
15) T n-Hexacosane (C26)	16.404	2588218	21.632 ug/ml
16) T n-Octacosane (C28)	17.356	2571649	21.679 ug/ml
17) T n-Tricontane (C30)	18.246	2620057	21.293 ug/ml
18) T n-Dotriacontane (C32)	19.079	2592707	21.250 ug/ml
19) T n-Tetratriacontane (C34)	19.864	2498639	21.371 ug/ml
20) T n-Hexatriacontane (C36)	20.606	2337423	21.386 ug/ml
21) T n-Octatriacontane (C38)	21.386	2273902	21.041 ug/ml
22) T n-Tetracontane (C40)	22.375	2258095	21.593 ug/ml

(f)=RT Delta > 1/2 Window

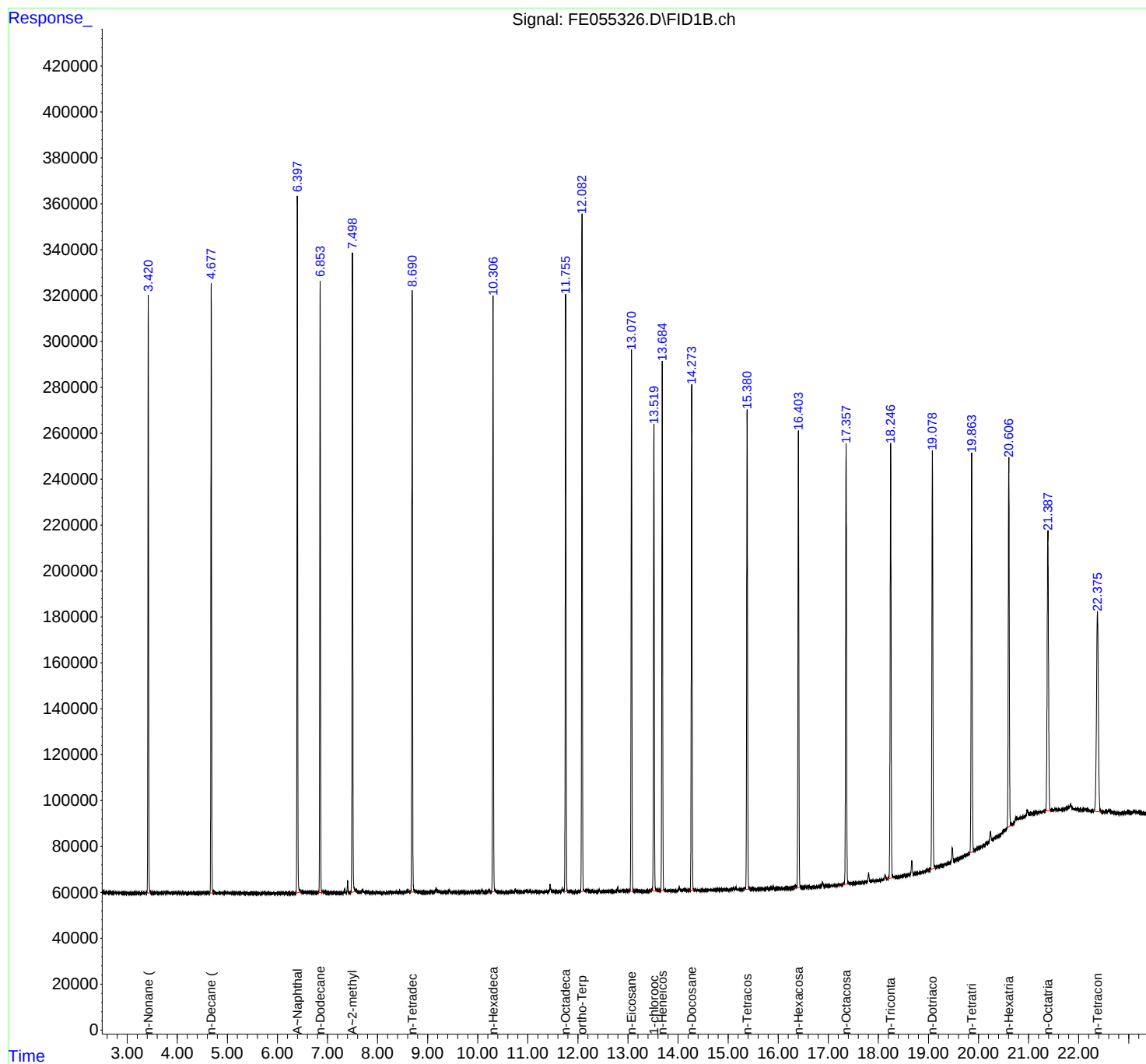
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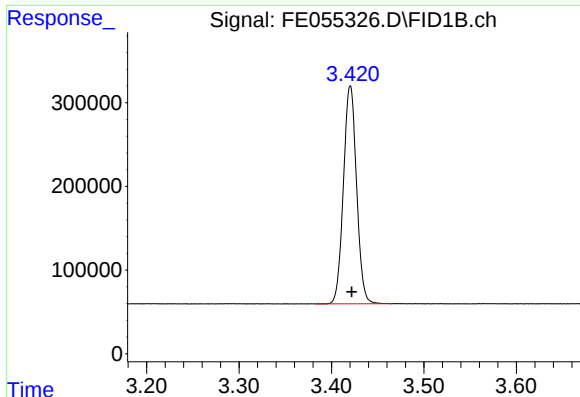
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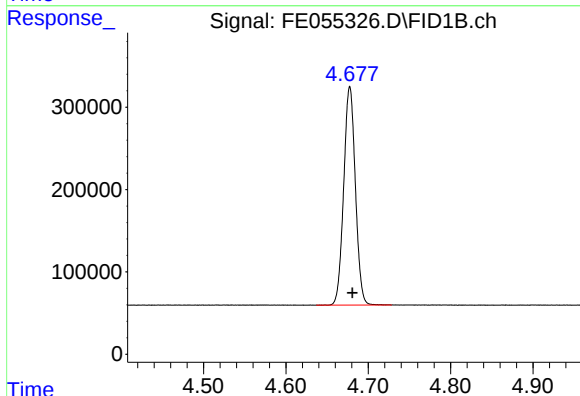




#1 n-Nonane (C9)

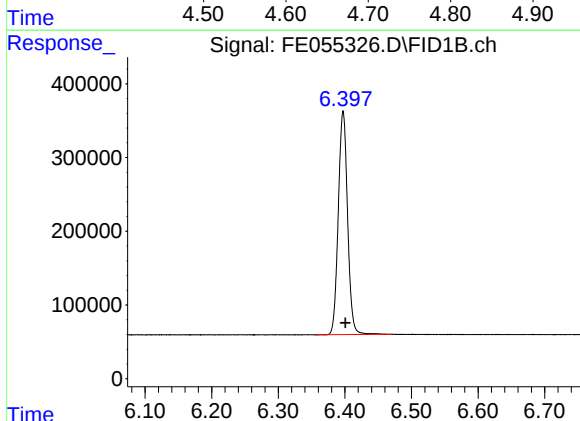
R.T.: 3.420 min
Delta R.T.: -0.002 min
Response: 2576376
Conc: 22.45 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



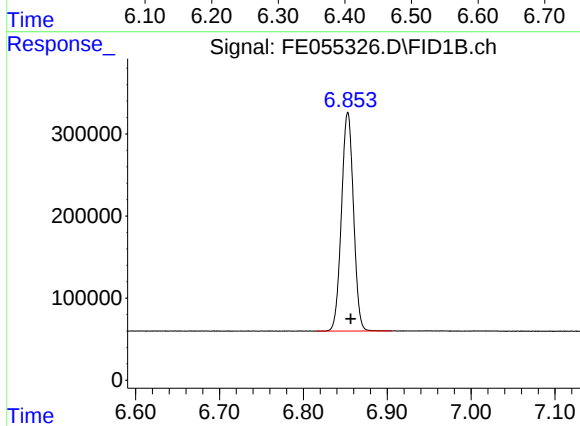
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.003 min
Response: 2611813
Conc: 22.42 ug/ml



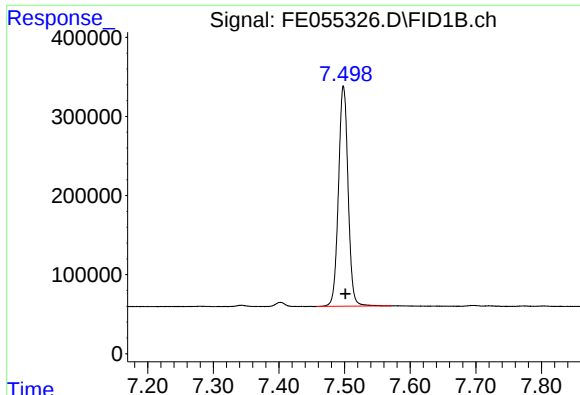
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: -0.003 min
Response: 2940302
Conc: 21.90 ug/ml



#4 n-Dodecane (C12)

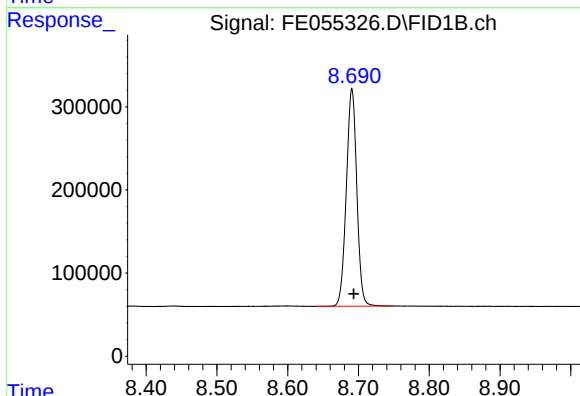
R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 2655437
Conc: 22.30 ug/ml



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

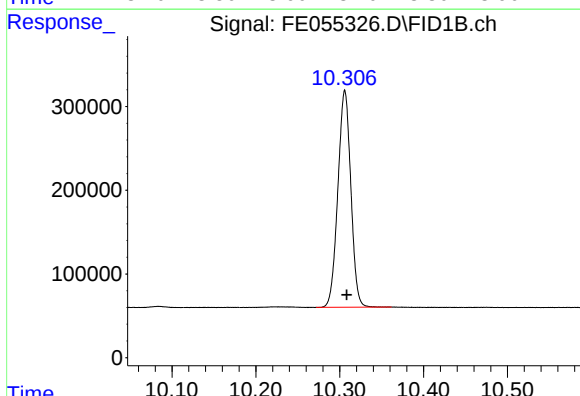
R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 2839143
Conc: 21.78 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



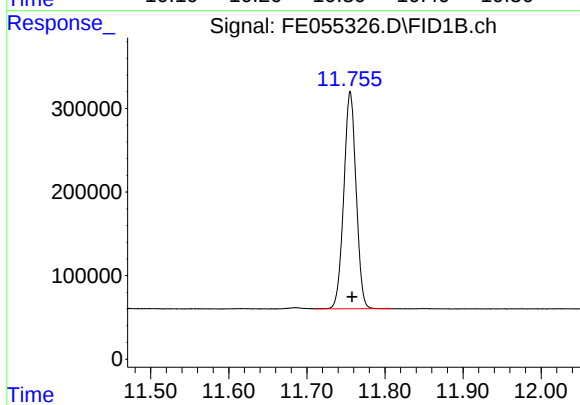
#6 n-Tetradecane (C14)

R.T.: 8.691 min
Delta R.T.: -0.003 min
Response: 2694243
Conc: 21.97 ug/ml



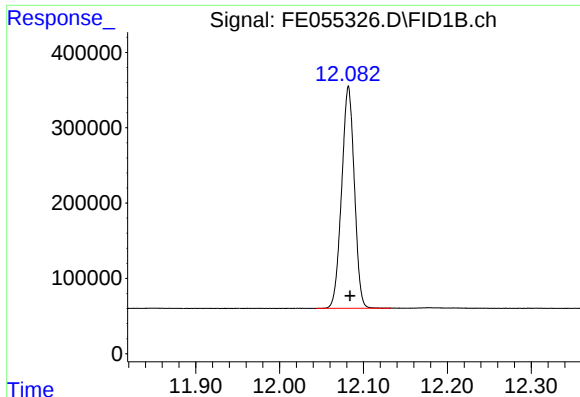
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 2782826
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

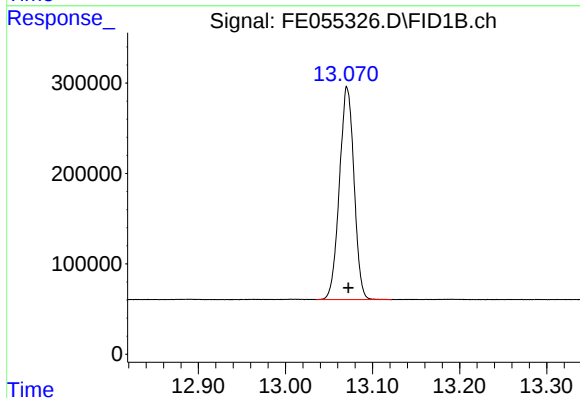
R.T.: 11.756 min
Delta R.T.: -0.002 min
Response: 2845604
Conc: 21.81 ug/ml



#9 ortho-Terphenyl (SURR)

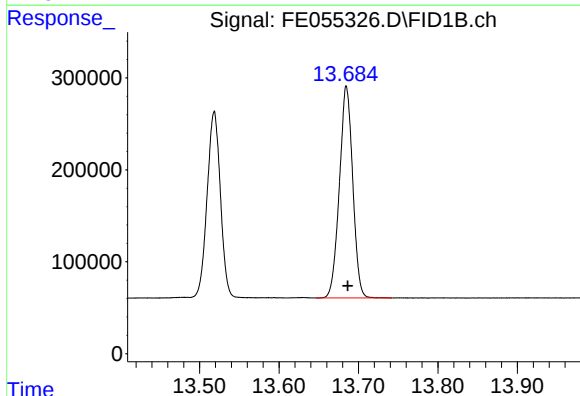
R.T.: 12.082 min
Delta R.T.: -0.002 min
Response: 3102442
Conc: 21.73 ug/ml

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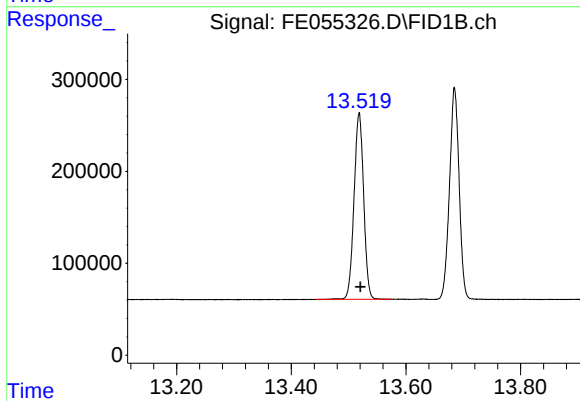
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: -0.001 min
Response: 2741578
Conc: 21.85 ug/ml



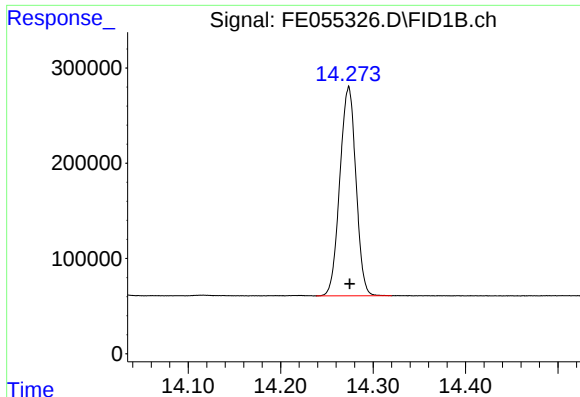
#11 n-Heneicosane (C21)

R.T.: 13.685 min
Delta R.T.: -0.001 min
Response: 2686542
Conc: 21.79 ug/ml



#12 1-chlorooctadecane (SURR)

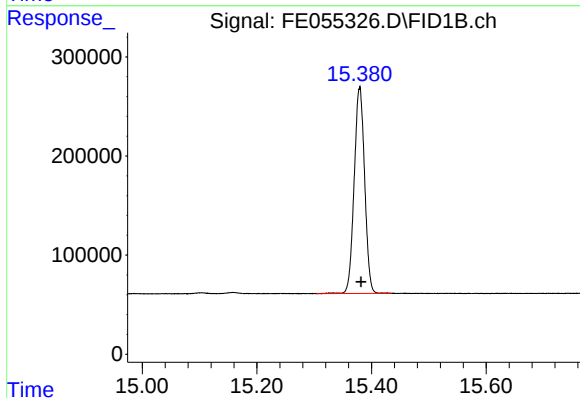
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2367147
Conc: 22.02 ug/ml



#13 n-Docosane (C22)

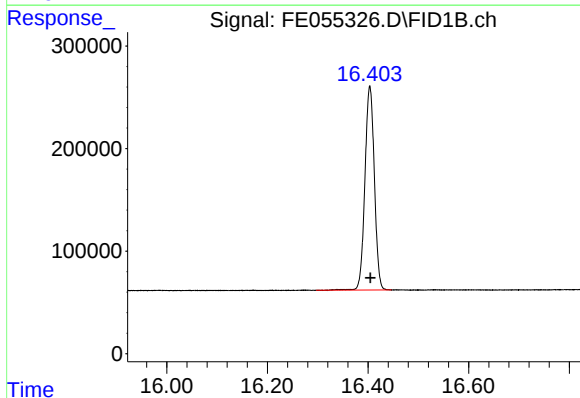
R.T.: 14.273 min
Delta R.T.: -0.001 min
Response: 2654659
Conc: 21.74 ug/ml

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20 PPM ALIPHATIC HC STD



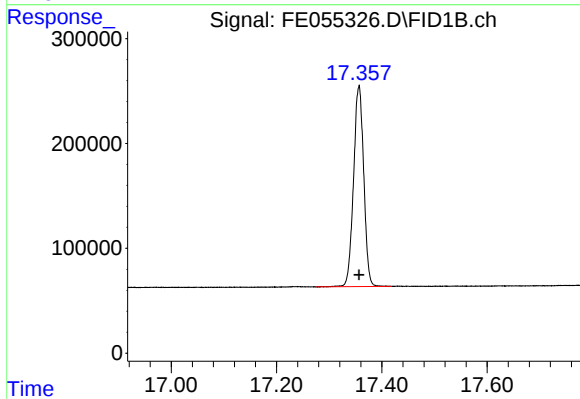
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.002 min
Response: 2634029
Conc: 21.66 ug/ml



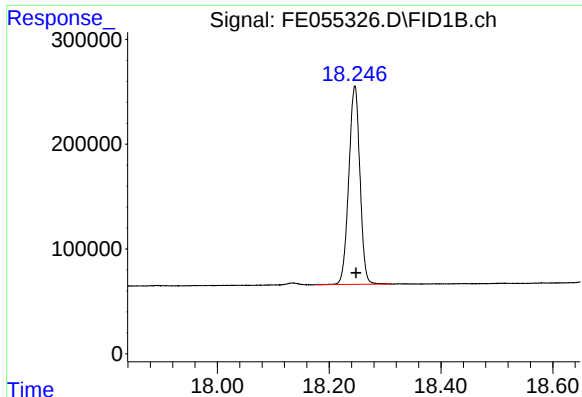
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: -0.001 min
Response: 2588218
Conc: 21.63 ug/ml



#16 n-Octacosane (C28)

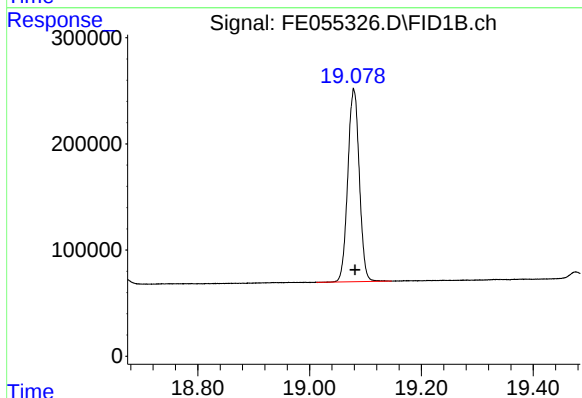
R.T.: 17.356 min
Delta R.T.: 0.000 min
Response: 2571649
Conc: 21.68 ug/ml



#17 n-Tricontane (C30)

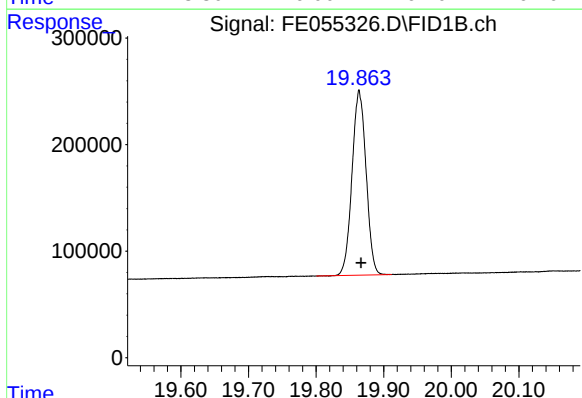
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 2620057
Conc: 21.29 ug/ml

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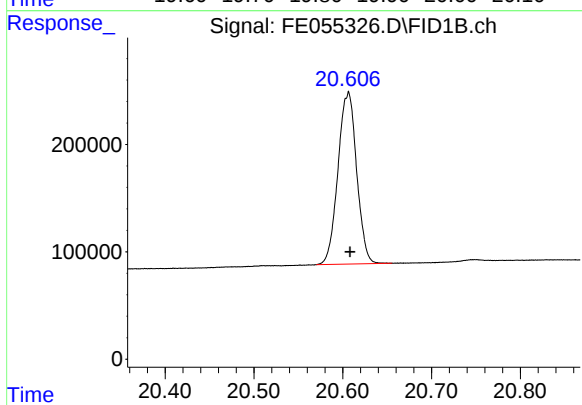
#18 n-Dotriacontane (C32)

R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 2592707
Conc: 21.25 ug/ml



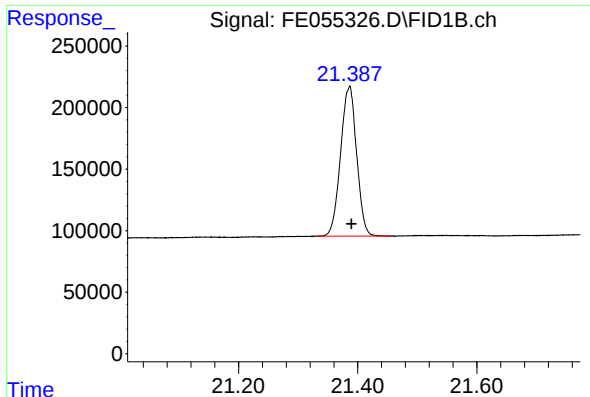
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.003 min
Response: 2498639
Conc: 21.37 ug/ml



#20 n-Hexatriacontane (C36)

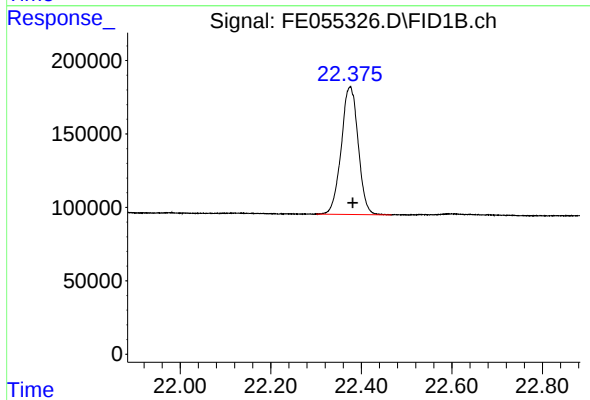
R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 2337423
Conc: 21.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.004 min
Response: 2273902
Conc: 21.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.375 min
Delta R.T.: -0.006 min
Response: 2258095
Conc: 21.59 ug/ml