

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055638.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 14:55
 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: Sep 04 05:10:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.075	3294566	20.054 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	13.512	2508221	20.059 ug/ml
Spiked Amount 50.000		Recovery =	40.12%
Target Compounds			
1) T n-Nonane (C9)	3.412	2439288	19.222 ug/ml
2) T n-Decane (C10)	4.671	2512564	19.614 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2860775	19.690 ug/ml
4) T n-Dodecane (C12)	6.847	2575045	19.776 ug/ml
5) T A~2-methylnaphthalene...	7.491	2784907	19.800 ug/ml
6) T n-Tetradecane (C14)	8.684	2615981	19.864 ug/ml
7) T n-Hexadecane (C16)	10.299	2763602	19.954 ug/ml
8) T n-Octadecane (C18)	11.749	2918964	20.012 ug/ml
10) T n-Eicosane (C20)	13.064	2893630	20.102 ug/ml
11) T n-Heneicosane (C21)	13.678	2869783	20.090 ug/ml
13) T n-Docosane (C22)	14.266	2893649	20.215 ug/ml
14) T n-Tetracosane (C24)	15.373	2984722	20.627 ug/ml
15) T n-Hexacosane (C26)	16.397	2899718	20.297 ug/ml
16) T n-Octacosane (C28)	17.349	2920290	20.531 ug/ml
17) T n-Tricontane (C30)	18.240	3021191	20.438 ug/ml
18) T n-Dotriacontane (C32)	19.074	3022911	20.595 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2908058	20.583 ug/ml
20) T n-Hexatriacontane (C36)	20.601	2712778	20.558 ug/ml
21) T n-Octatriacontane (C38)	21.379	2670905	20.508 ug/ml
22) T n-Tetracontane (C40)	22.366	2589351	20.191 ug/ml

(f)=RT Delta > 1/2 Window

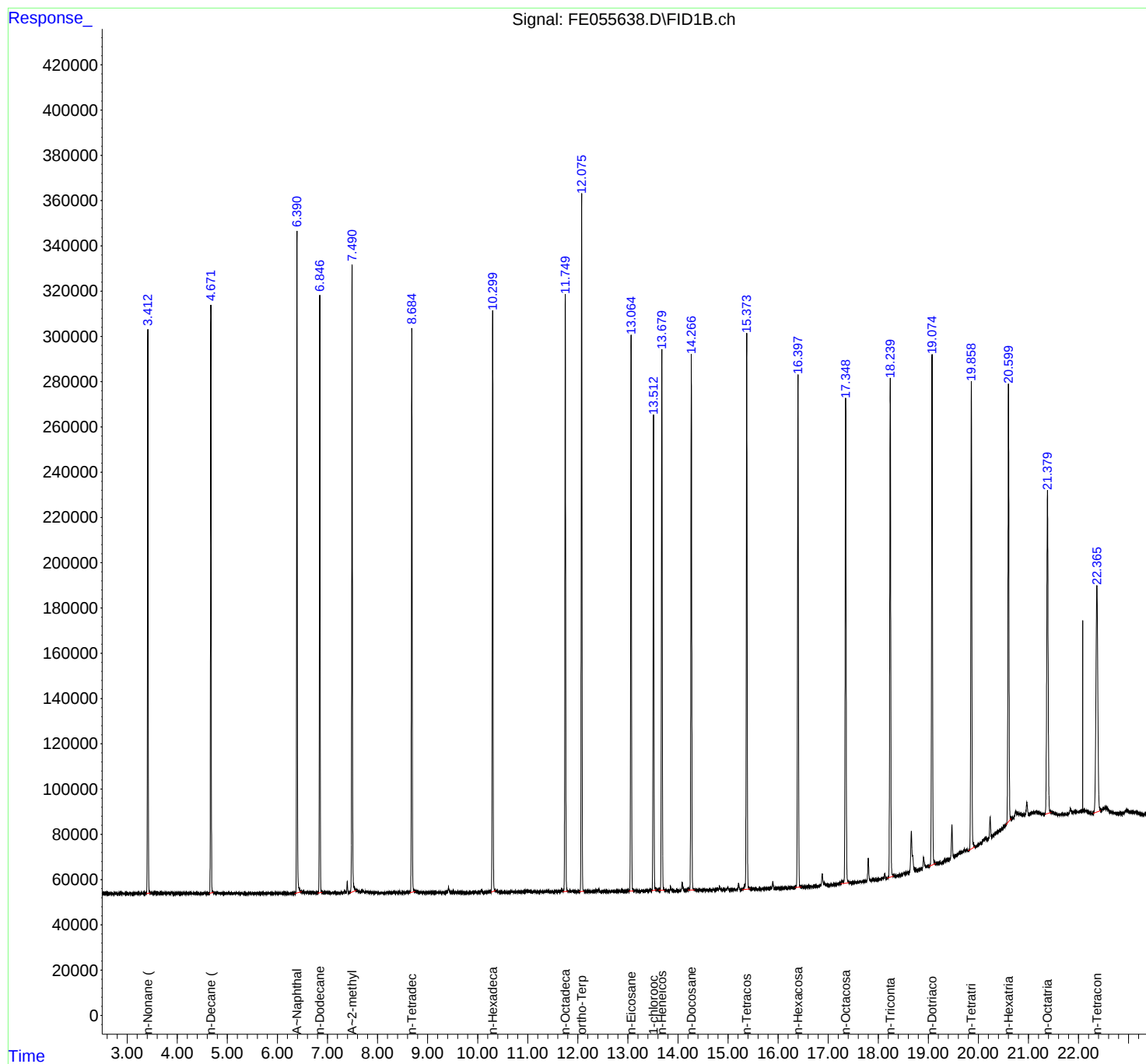
(m)=manual int.

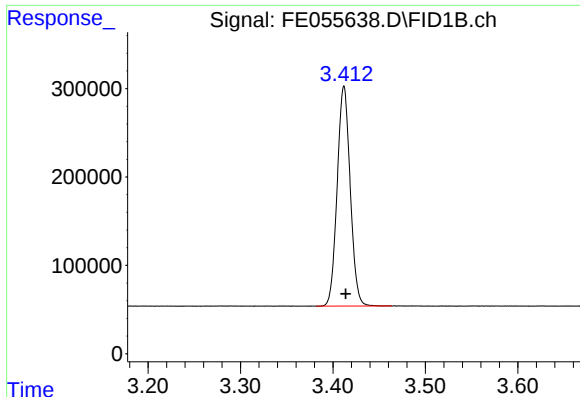
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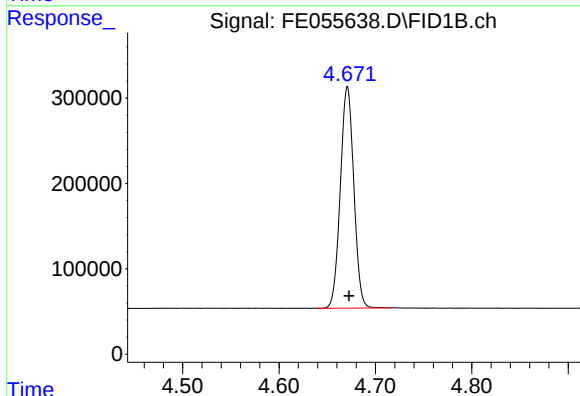




#1 n-Nonane (C9)

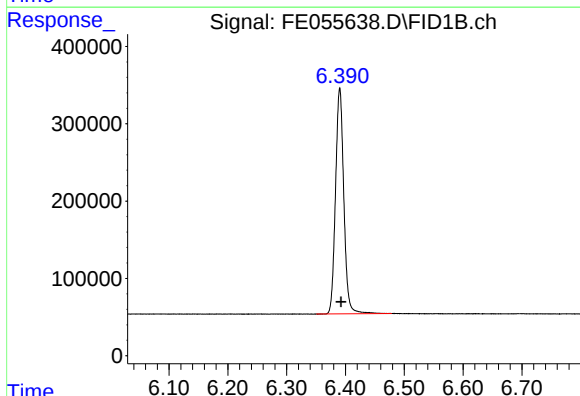
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2439288
Conc: 19.22 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



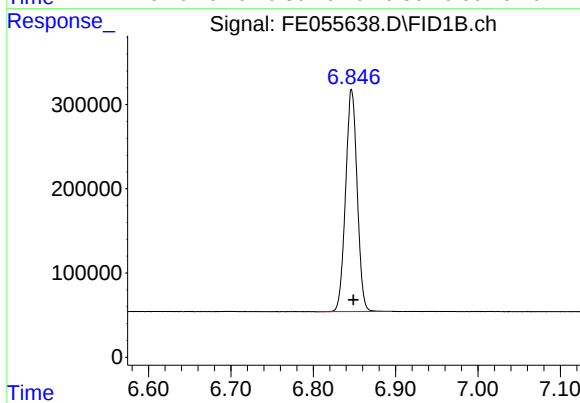
#2 n-Decane (C10)

R.T.: 4.671 min
Delta R.T.: -0.002 min
Response: 2512564
Conc: 19.61 ug/ml



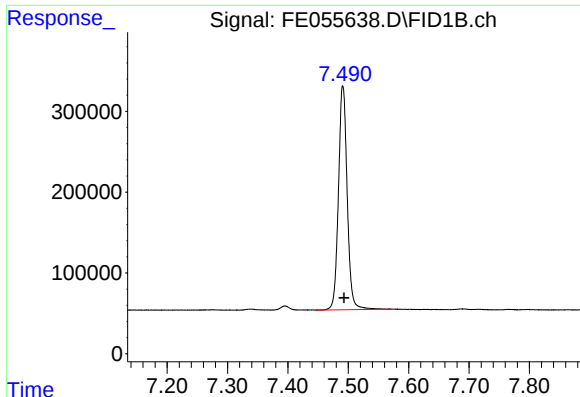
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2860775
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

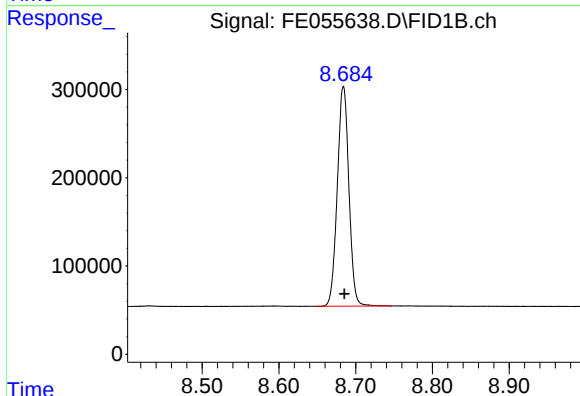
R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 2575045
Conc: 19.78 ug/ml



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

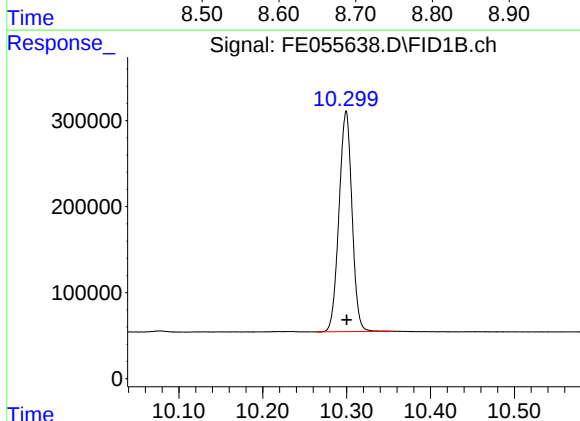
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2784907
Conc: 19.80 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



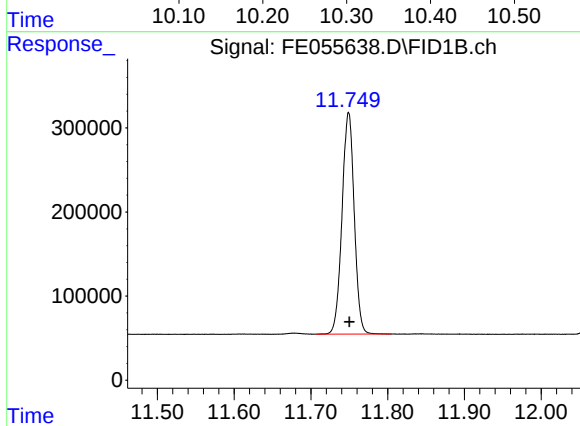
#6 n-Tetradecane (C14)

R.T.: 8.684 min
Delta R.T.: -0.001 min
Response: 2615981
Conc: 19.86 ug/ml



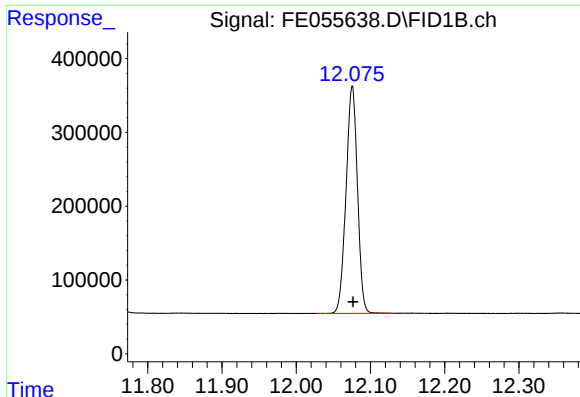
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 2763602
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

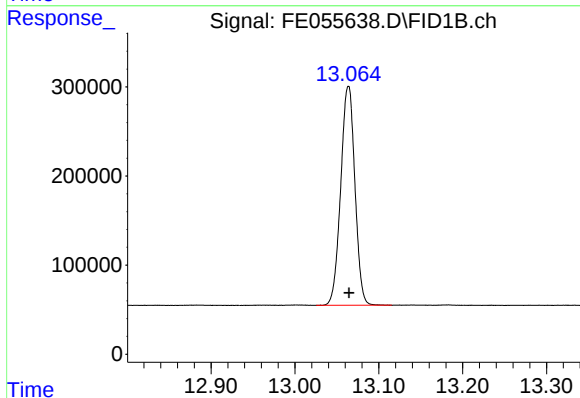
R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 2918964
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

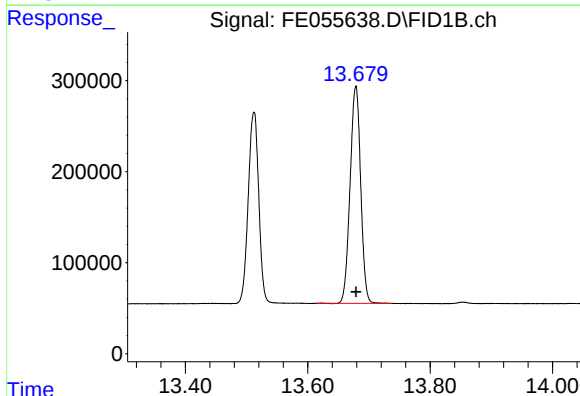
R.T.: 12.075 min
Delta R.T.: -0.001 min
Response: 3294566
Conc: 20.05 ug/ml

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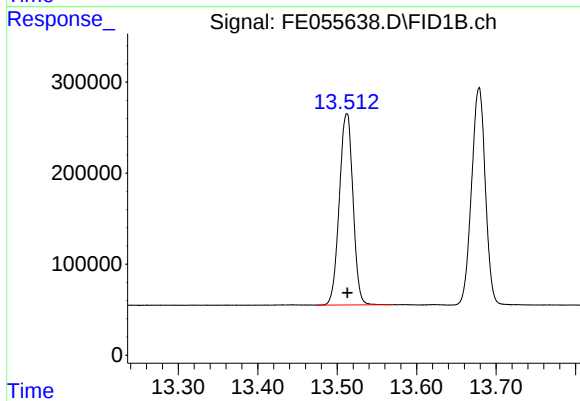
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2893630
Conc: 20.10 ug/ml



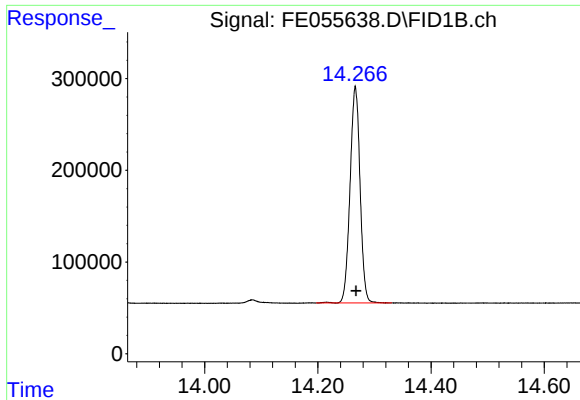
#11 n-Heneicosane (C21)

R.T.: 13.678 min
Delta R.T.: 0.000 min
Response: 2869783
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

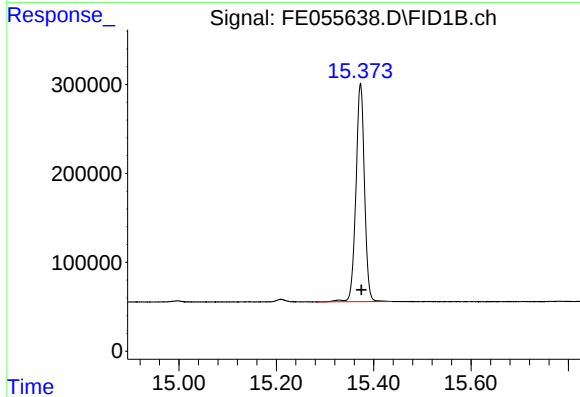
R.T.: 13.512 min
Delta R.T.: 0.000 min
Response: 2508221
Conc: 20.06 ug/ml



#13 n-Docosane (C22)

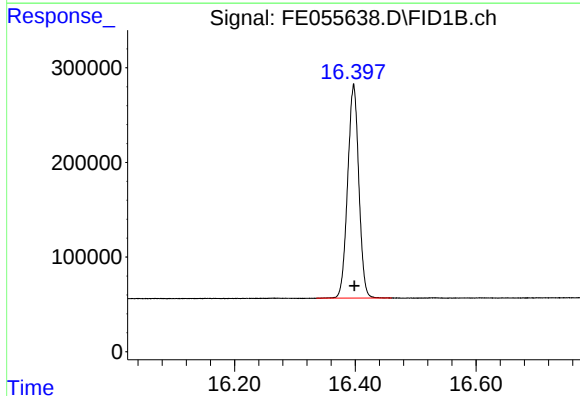
R.T.: 14.266 min
Delta R.T.: -0.001 min
Response: 2893649
Conc: 20.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



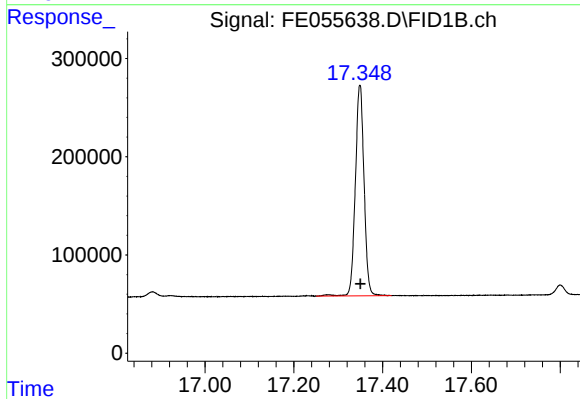
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 2984722
Conc: 20.63 ug/ml



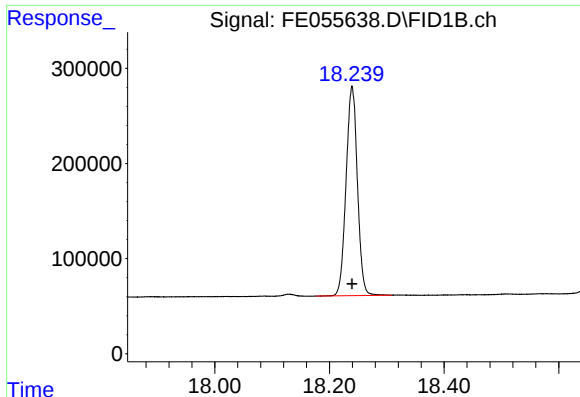
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: -0.001 min
Response: 2899718
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

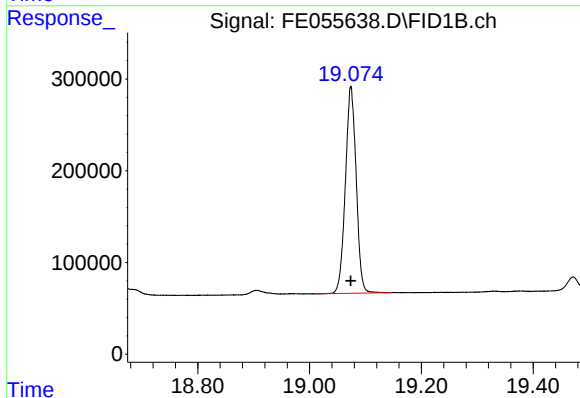
R.T.: 17.349 min
Delta R.T.: -0.001 min
Response: 2920290
Conc: 20.53 ug/ml



#17 n-Tricontane (C30)

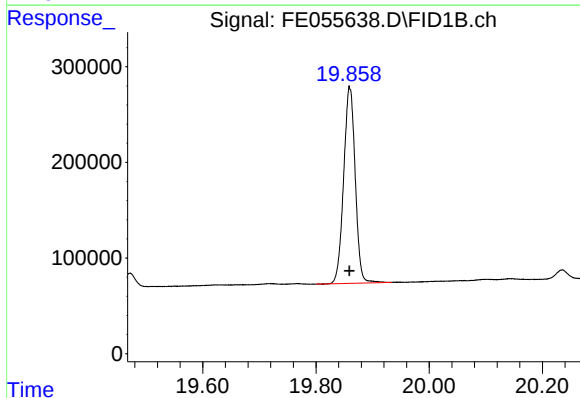
R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 3021191
Conc: 20.44 ug/ml

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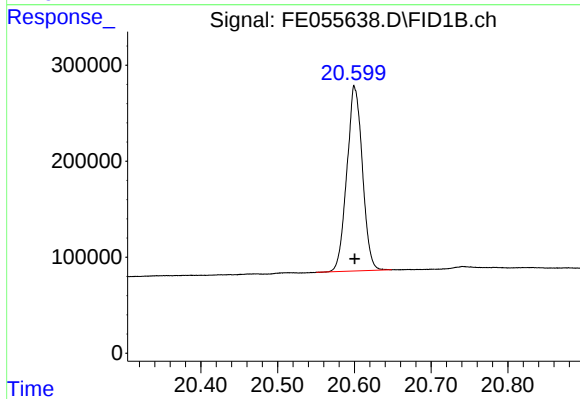
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 3022911
Conc: 20.60 ug/ml



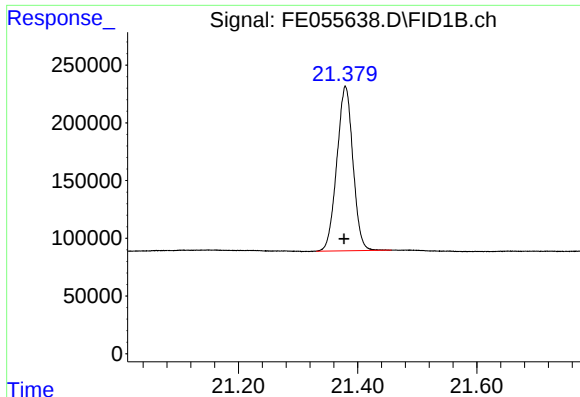
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 2908058
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

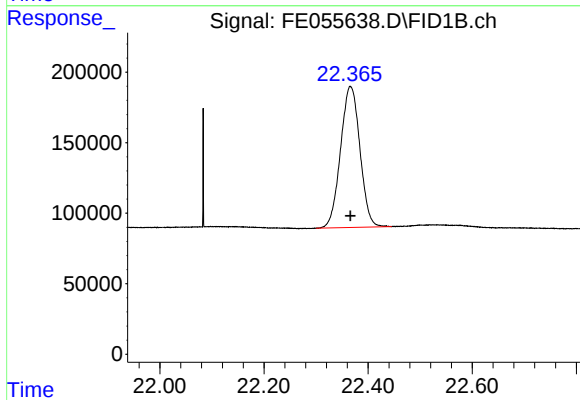
R.T.: 20.601 min
Delta R.T.: 0.000 min
Response: 2712778
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 2670905
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.366 min
Delta R.T.: 0.000 min
Response: 2589351
Conc: 20.19 ug/ml