

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101725AL\
 Data File : FE056358.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 17 08:39:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.051	3966277	19.415 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.489	2947443	19.317 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T n-Nonane (C9)	3.399	3214578	19.721 ug/ml
2) T n-Decane (C10)	4.652	3235780	19.676 ug/ml
3) T A~Naphthalene (C11.7)	6.368	3481091	19.692 ug/ml
4) T n-Dodecane (C12)	6.825	3300050	19.669 ug/ml
5) T A~2-methylnaphthalene...	7.469	3328797	19.978 ug/ml
6) T n-Tetradecane (C14)	8.661	3272272	19.697 ug/ml
7) T n-Hexadecane (C16)	10.276	3417045	19.531 ug/ml
8) T n-Octadecane (C18)	11.726	3537224	19.391 ug/ml
10) T n-Eicosane (C20)	13.040	3432753	19.280 ug/ml
11) T n-Heneicosane (C21)	13.654	3380784	19.269 ug/ml
13) T n-Docosane (C22)	14.244	3351987	18.936 ug/ml
14) T n-Tetracosane (C24)	15.349	3337500	18.344 ug/ml
15) T n-Hexacosane (C26)	16.374	3276164	18.251 ug/ml
16) T n-Octacosane (C28)	17.325	3179225	17.871 ug/ml
17) T n-Tricontane (C30)	18.216	3206570	17.661 ug/ml
18) T n-Dotriacontane (C32)	19.049	3060007	17.357 ug/ml
19) T n-Tetratriacontane (C34)	19.835	2742563	17.717 ug/ml
20) T n-Hexatriacontane (C36)	20.576	2365302	18.932 ug/ml
21) T n-Octatriacontane (C38)	21.346	2013912	19.276 ug/ml
22) T n-Tetracontane (C40)	22.324	1754825	19.338 ug/ml

(f)=RT Delta > 1/2 Window

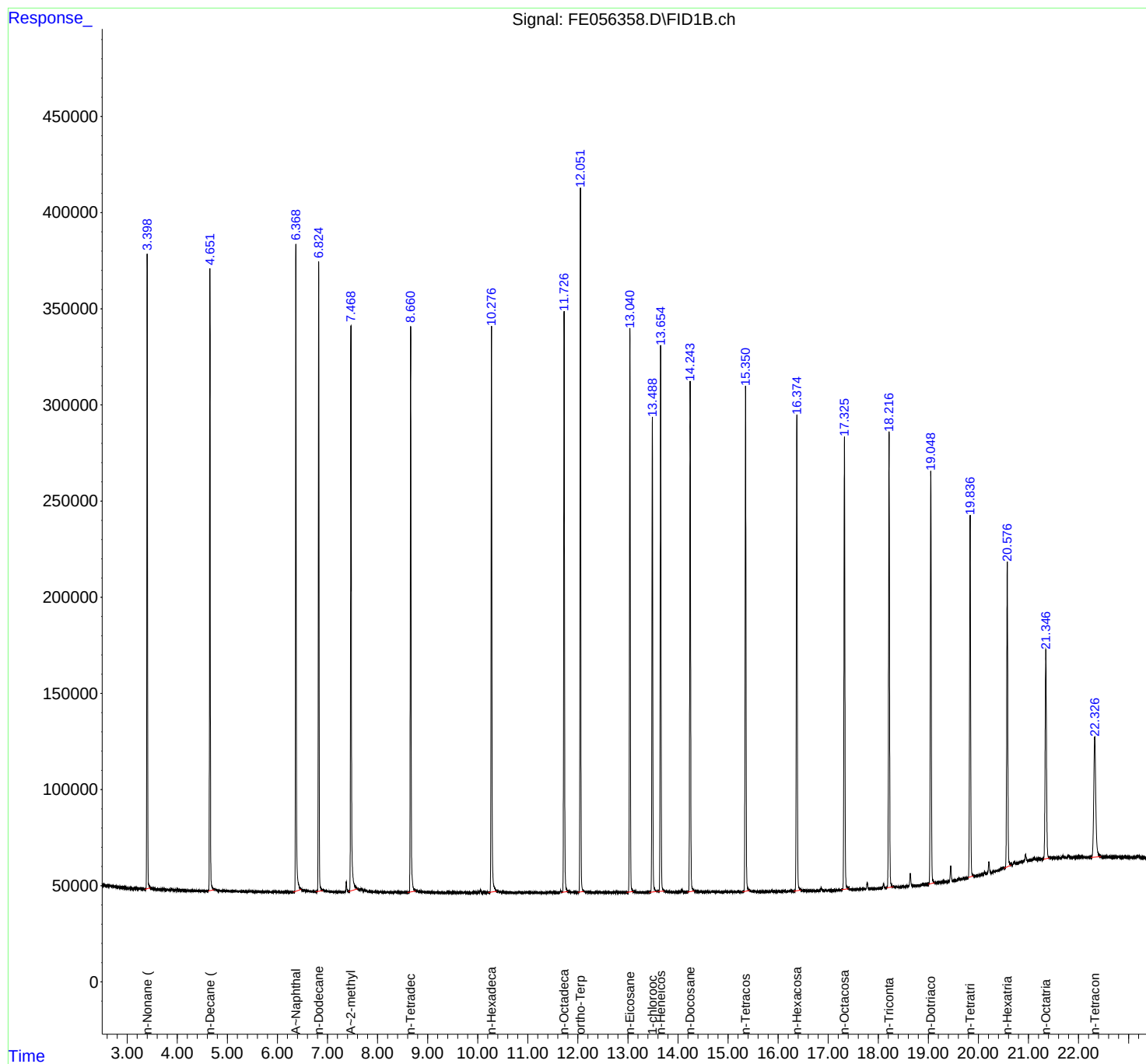
(m)=manual int.

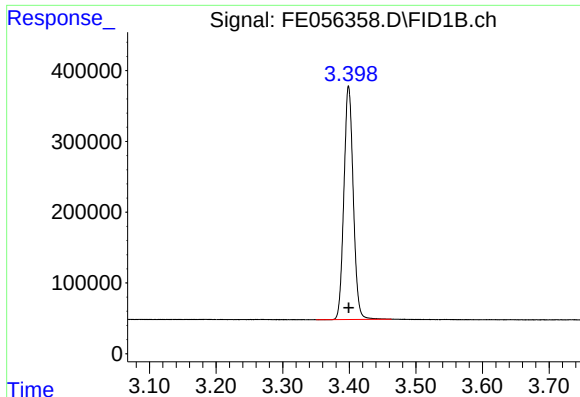
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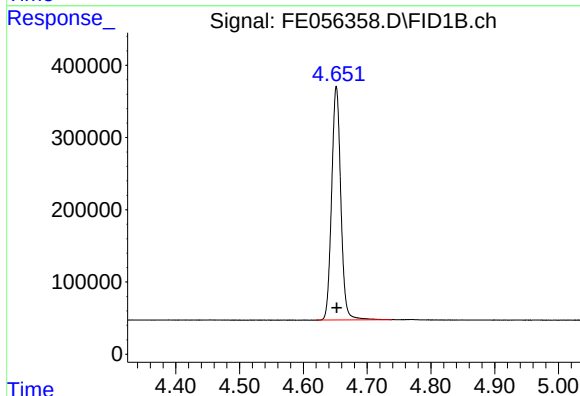




#1 n-Nonane (C9)

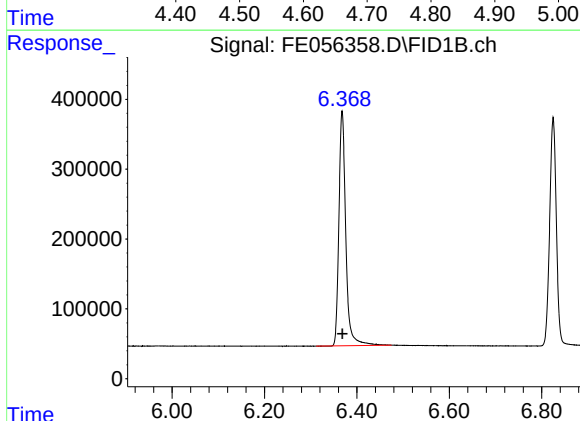
R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 3214578
Conc: 19.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



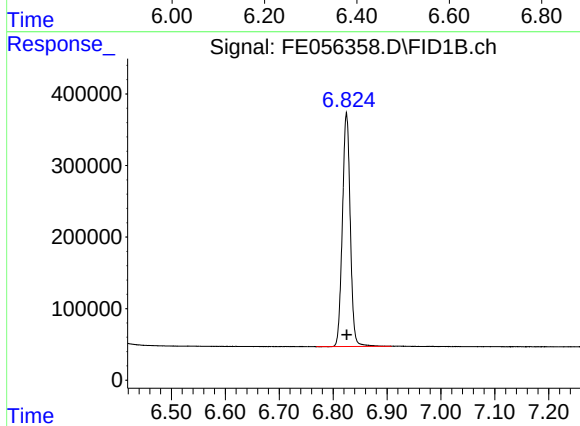
#2 n-Decane (C10)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 3235780
Conc: 19.68 ug/ml



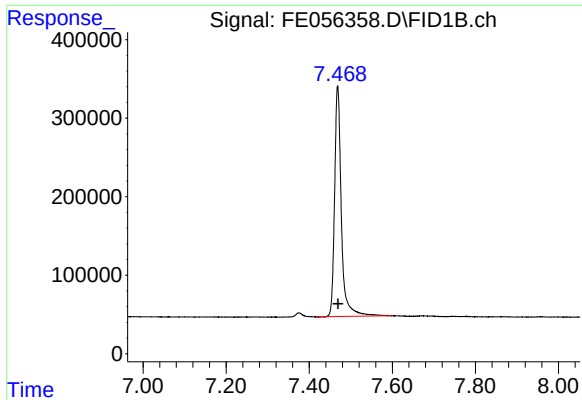
#3 A~Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 3481091
Conc: 19.69 ug/ml



#4 n-Dodecane (C12)

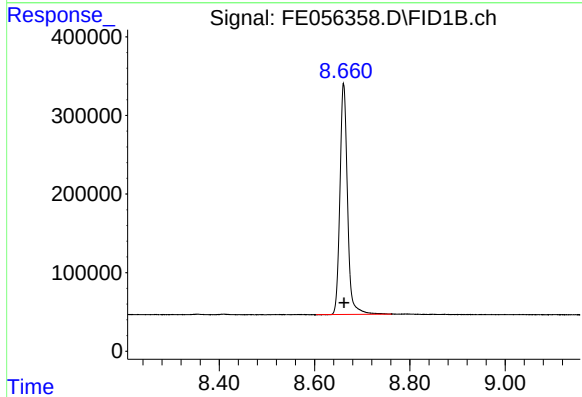
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 3300050
Conc: 19.67 ug/ml



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

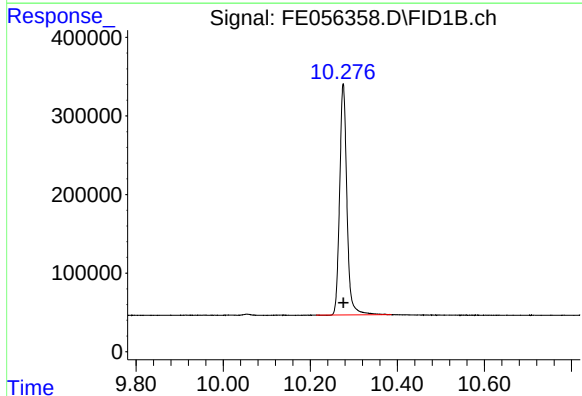
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 3328797
Conc: 19.98 ug/ml

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20 PPM ALIPHATIC HC STD



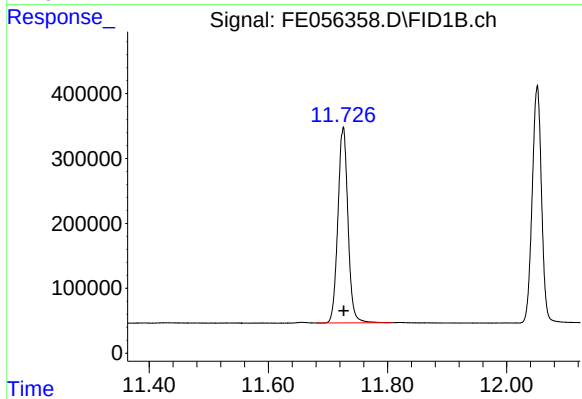
#6 n-Tetradecane (C14)

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 3272272
Conc: 19.70 ug/ml



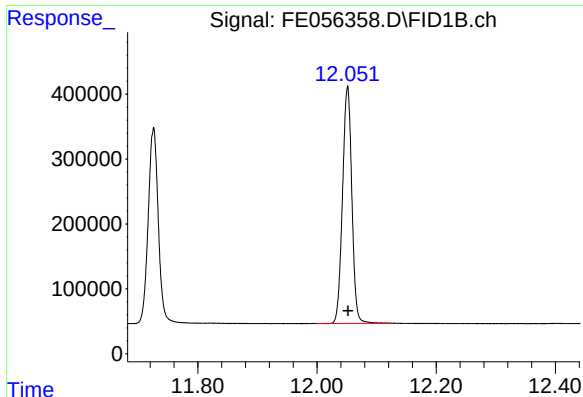
#7 n-Hexadecane (C16)

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 3417045
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

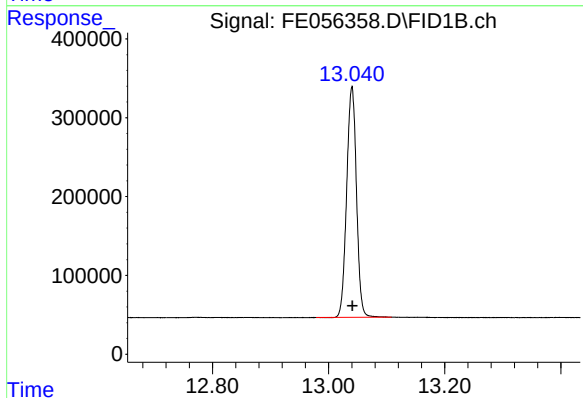
R.T.: 11.726 min
Delta R.T.: -0.001 min
Response: 3537224
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

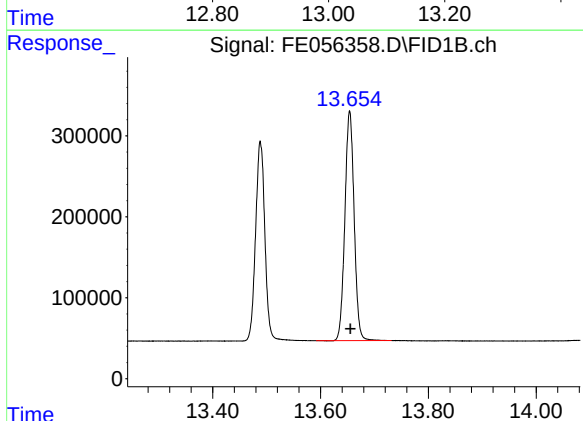
R.T.: 12.051 min
Delta R.T.: 0.000 min
Response: 3966277
Conc: 19.41 ug/ml

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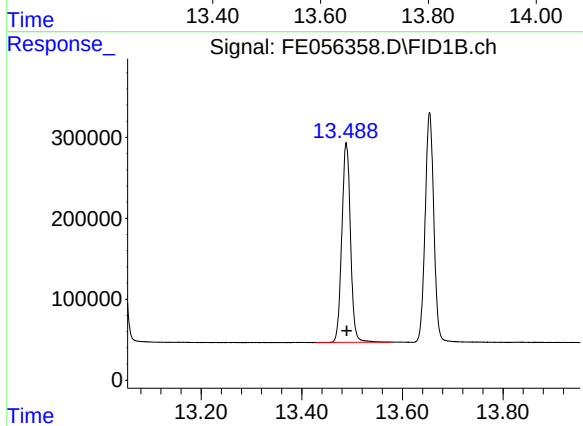
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 3432753
Conc: 19.28 ug/ml



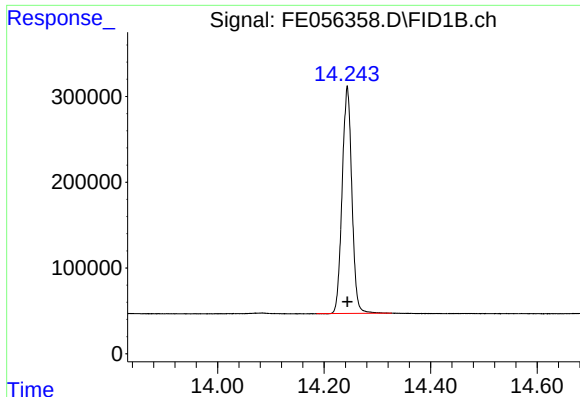
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.001 min
Response: 3380784
Conc: 19.27 ug/ml



#12 1-chlorooctadecane (SURR)

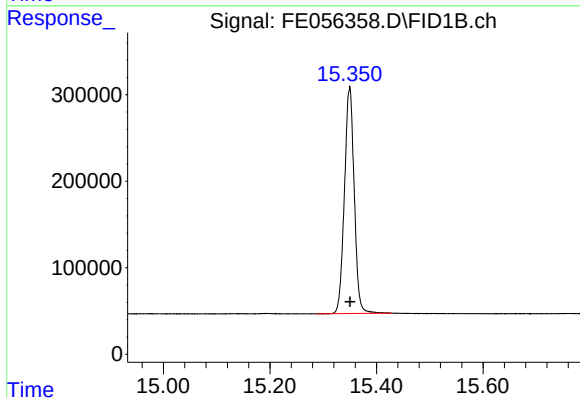
R.T.: 13.489 min
Delta R.T.: 0.000 min
Response: 2947443
Conc: 19.32 ug/ml



#13 n-Docosane (C22)

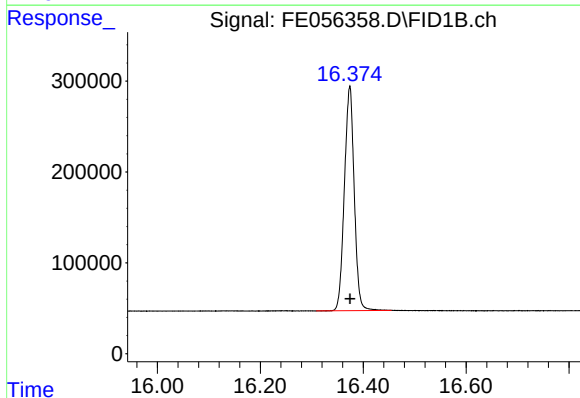
R.T.: 14.244 min
Delta R.T.: 0.000 min
Response: 3351987
Conc: 18.94 ug/ml

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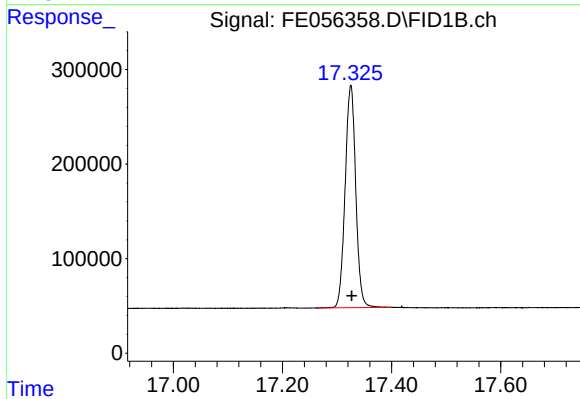
#14 n-Tetracosane (C24)

R.T.: 15.349 min
Delta R.T.: -0.001 min
Response: 3337500
Conc: 18.34 ug/ml



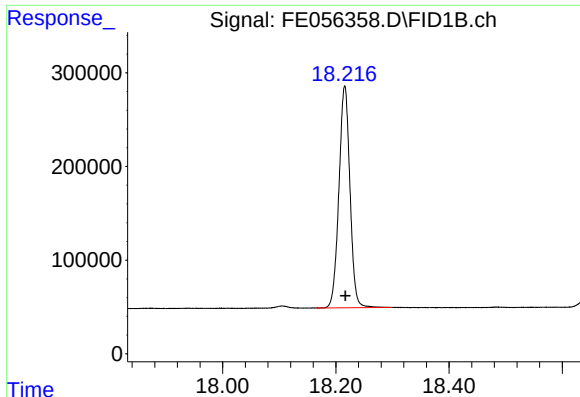
#15 n-Hexacosane (C26)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 3276164
Conc: 18.25 ug/ml



#16 n-Octacosane (C28)

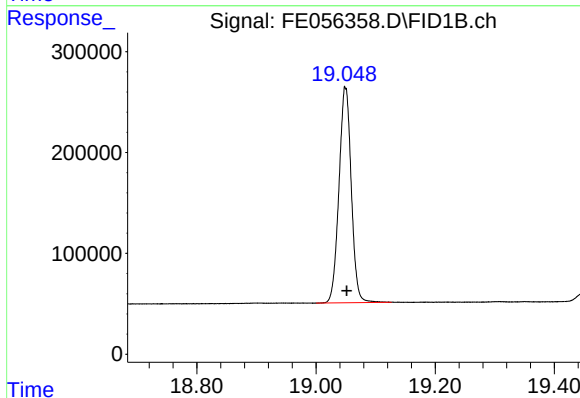
R.T.: 17.325 min
Delta R.T.: -0.002 min
Response: 3179225
Conc: 17.87 ug/ml



#17 n-Tricontane (C30)

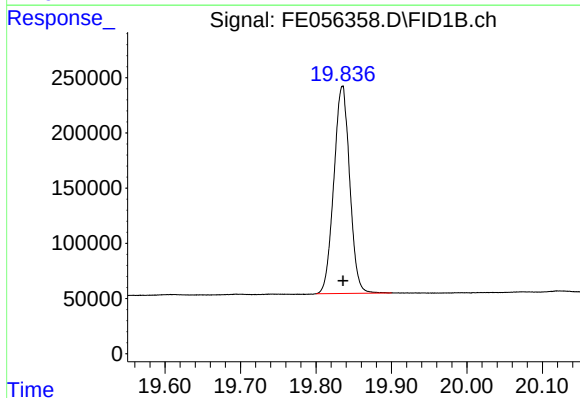
R.T.: 18.216 min
Delta R.T.: -0.001 min
Response: 3206570
Conc: 17.66 ug/ml

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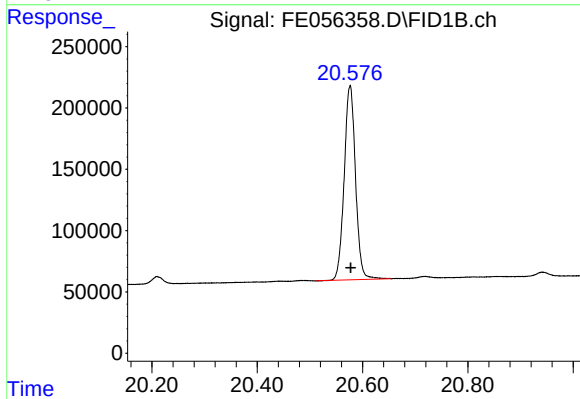
#18 n-Dotriacontane (C32)

R.T.: 19.049 min
Delta R.T.: -0.002 min
Response: 3060007
Conc: 17.36 ug/ml



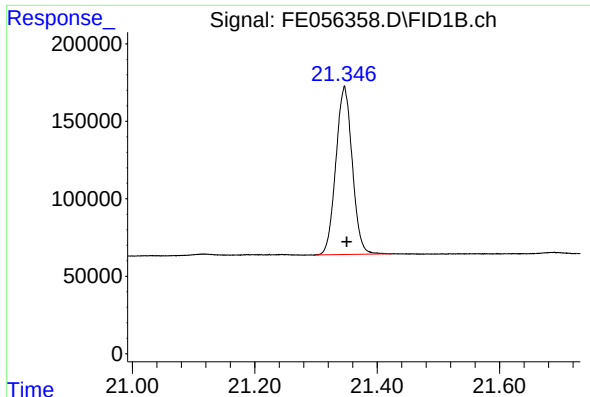
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: -0.001 min
Response: 2742563
Conc: 17.72 ug/ml



#20 n-Hexatriacontane (C36)

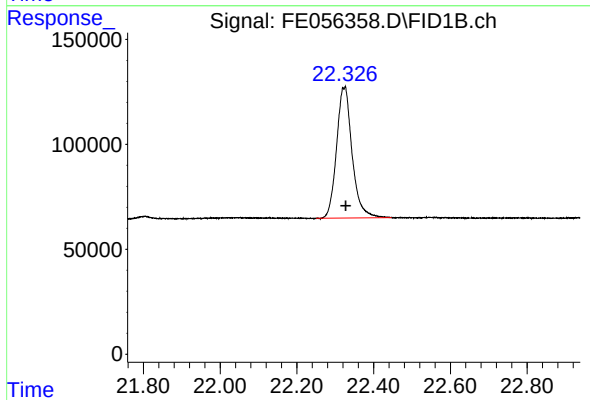
R.T.: 20.576 min
Delta R.T.: -0.001 min
Response: 2365302
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.346 min
Delta R.T.: -0.004 min
Response: 2013912
Conc: 19.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.324 min
Delta R.T.: -0.003 min
Response: 1754825
Conc: 19.34 ug/ml