

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056264.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 23:48
 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: Oct 09 01:26:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.062	3926365	20.924 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
12) S 1-chlorooctadecane (S...	13.499	2903105	20.801 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
Target Compounds			
1) T n-Nonane (C9)	3.405	2357202	17.207 ug/ml
2) T n-Decane (C10)	4.664	2570742	18.420 ug/ml
3) T A~Naphthalene (C11.7)	6.383	3217000	20.149 ug/ml
4) T n-Dodecane (C12)	6.838	2862292	19.942 ug/ml
5) T A~2-methylnaphthalene...	7.483	3216496	20.682 ug/ml
6) T n-Tetradecane (C14)	8.674	3107955	21.022 ug/ml
7) T n-Hexadecane (C16)	10.288	3435270	21.618 ug/ml
8) T n-Octadecane (C18)	11.736	3636064	21.466 ug/ml
10) T n-Eicosane (C20)	13.051	3495212	21.085 ug/ml
11) T n-Heneicosane (C21)	13.665	3360418	20.681 ug/ml
13) T n-Docosane (C22)	14.253	3271692	20.475 ug/ml
14) T n-Tetracosane (C24)	15.359	3114782	20.441 ug/ml
15) T n-Hexacosane (C26)	16.382	2893126	20.284 ug/ml
16) T n-Octacosane (C28)	17.335	2833009	20.337 ug/ml
17) T n-Tricontane (C30)	18.224	3044817	20.548 ug/ml
18) T n-Dotriacontane (C32)	19.058	3189536	21.378 ug/ml
19) T n-Tetratriacontane (C34)	19.843	3058896	21.625 ug/ml
20) T n-Hexatriacontane (C36)	20.583	2738513	21.333 ug/ml
21) T n-Octatriacontane (C38)	21.358	2532243	19.280 ug/ml
22) T n-Tetracontane (C40)	22.334	2286132	19.216 ug/ml

(f)=RT Delta > 1/2 Window

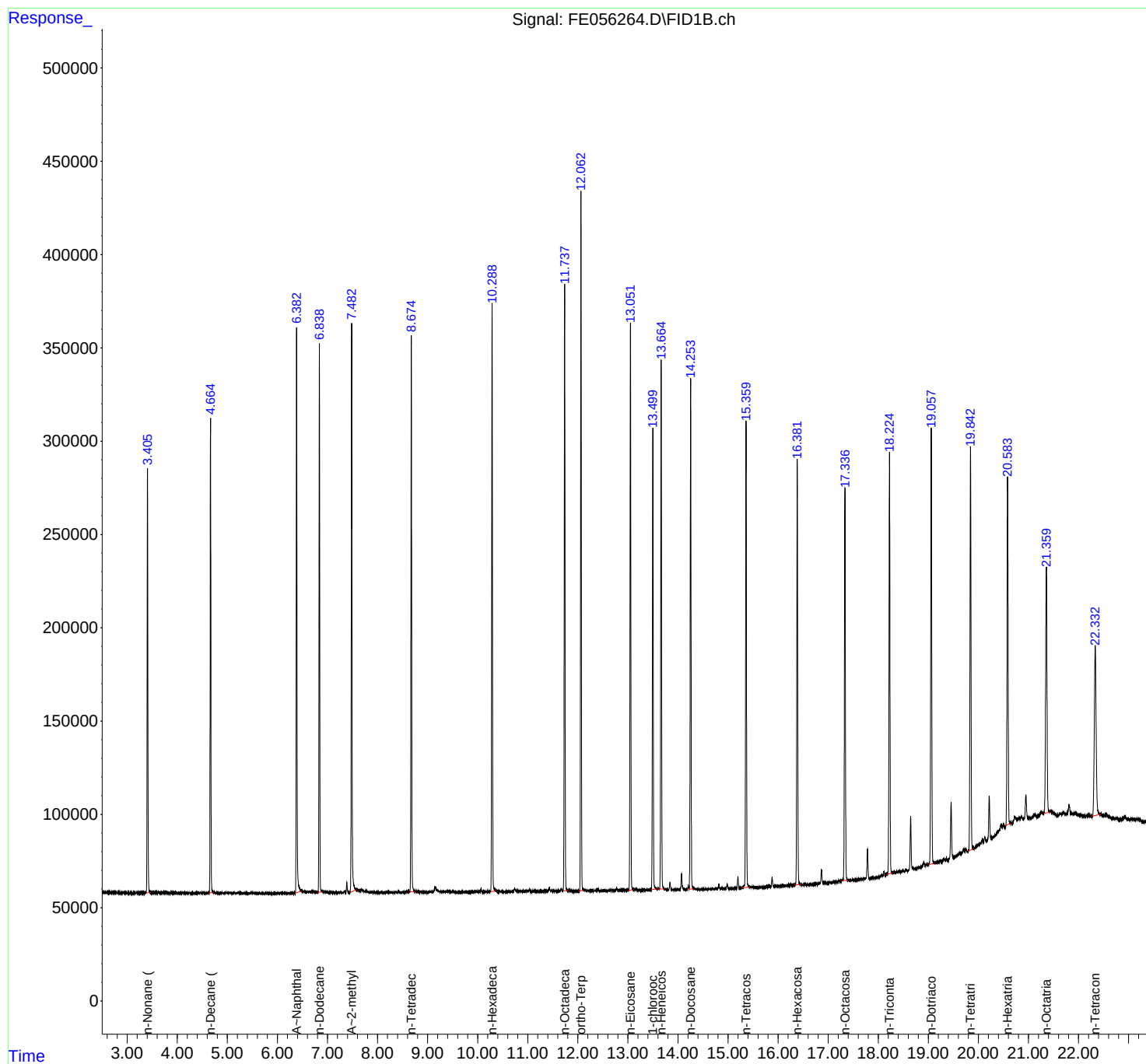
(m)=manual int.

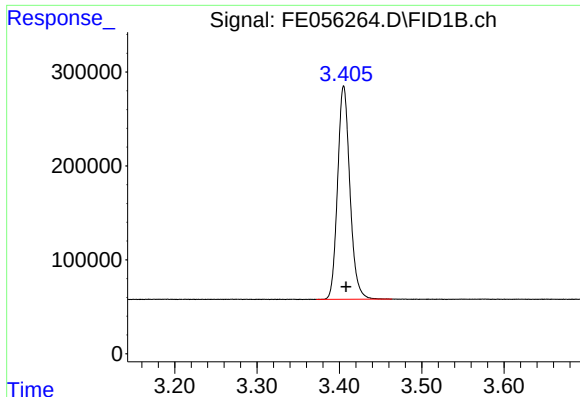
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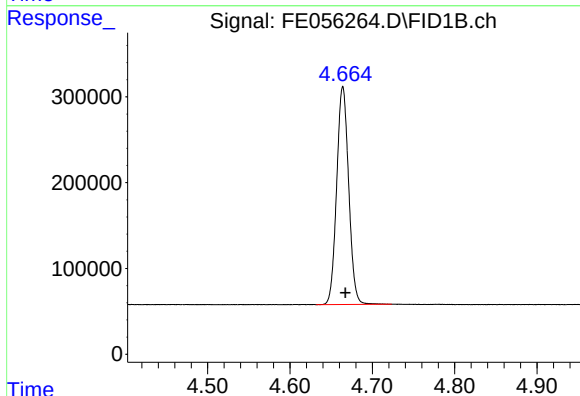




#1 n-Nonane (C9)

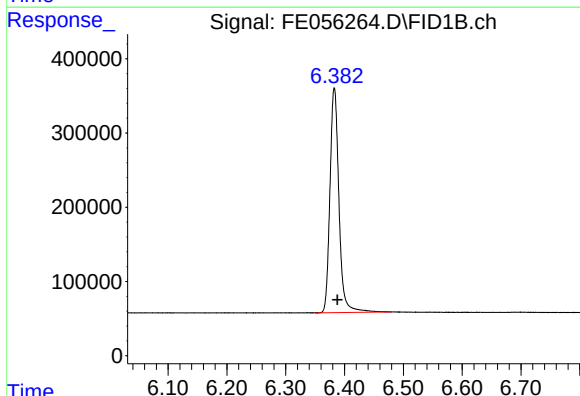
R.T.: 3.405 min
Delta R.T.: -0.003 min
Response: 2357202
Conc: 17.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



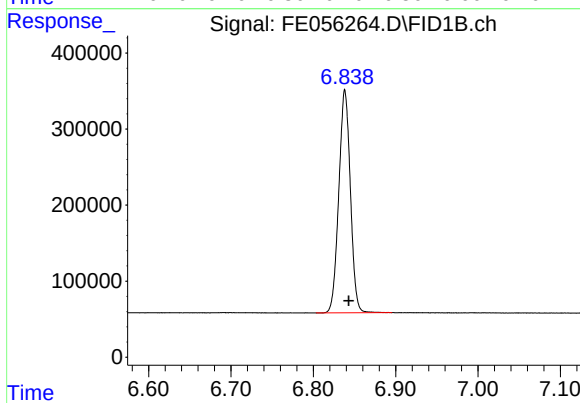
#2 n-Decane (C10)

R.T.: 4.664 min
Delta R.T.: -0.003 min
Response: 2570742
Conc: 18.42 ug/ml



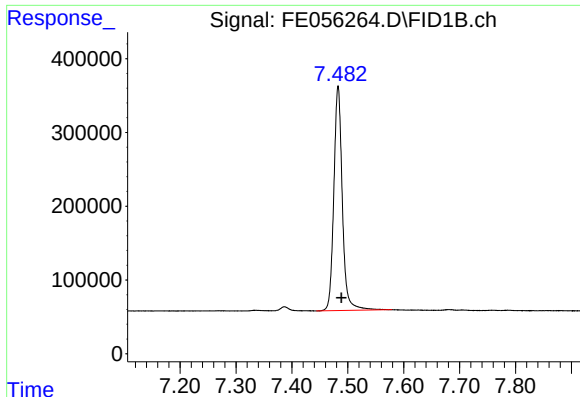
#3 A~Naphthalene (C11.7)

R.T.: 6.383 min
Delta R.T.: -0.005 min
Response: 3217000
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

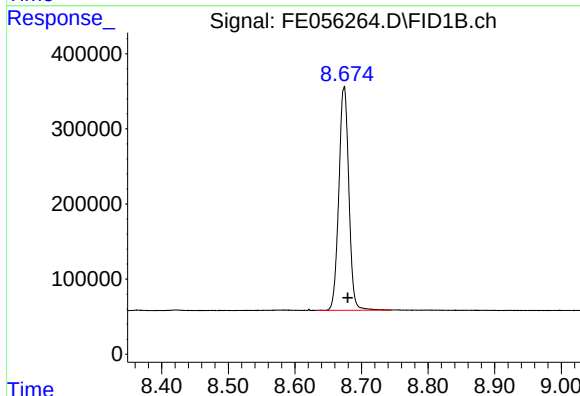
R.T.: 6.838 min
Delta R.T.: -0.004 min
Response: 2862292
Conc: 19.94 ug/ml



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

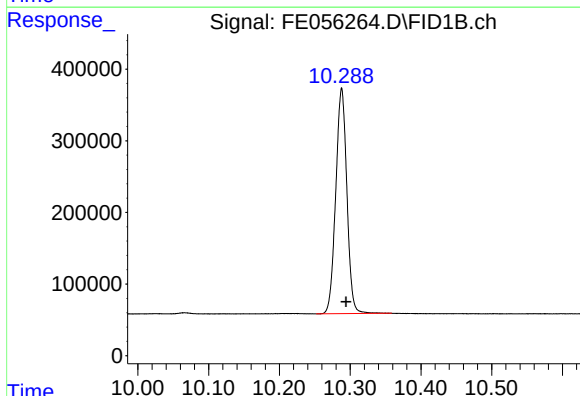
R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 3216496
Conc: 20.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



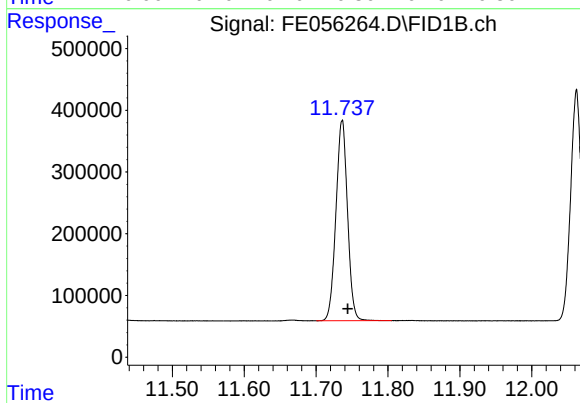
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: -0.005 min
Response: 3107955
Conc: 21.02 ug/ml



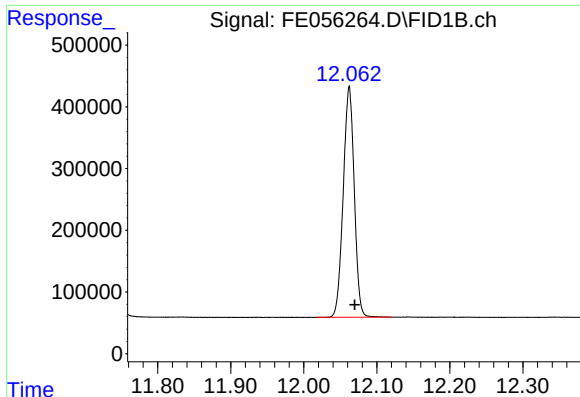
#7 n-Hexadecane (C16)

R.T.: 10.288 min
Delta R.T.: -0.006 min
Response: 3435270
Conc: 21.62 ug/ml



#8 n-Octadecane (C18)

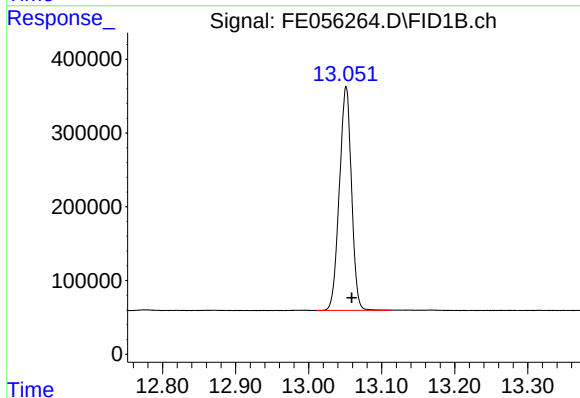
R.T.: 11.736 min
Delta R.T.: -0.008 min
Response: 3636064
Conc: 21.47 ug/ml



#9 ortho-Terphenyl (SURR)

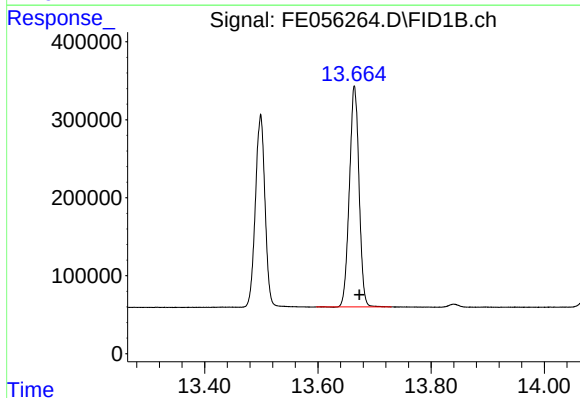
R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 3926365
Conc: 20.92 ug/ml

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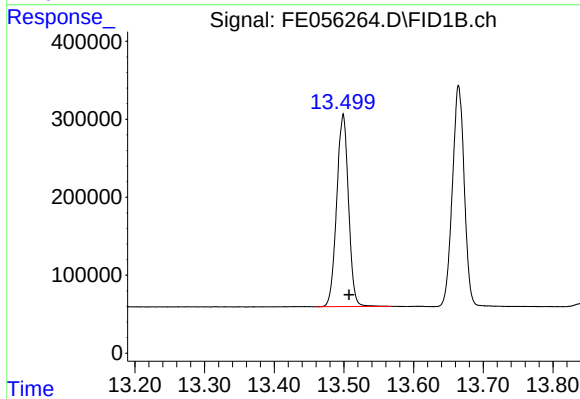
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: -0.008 min
Response: 3495212
Conc: 21.09 ug/ml



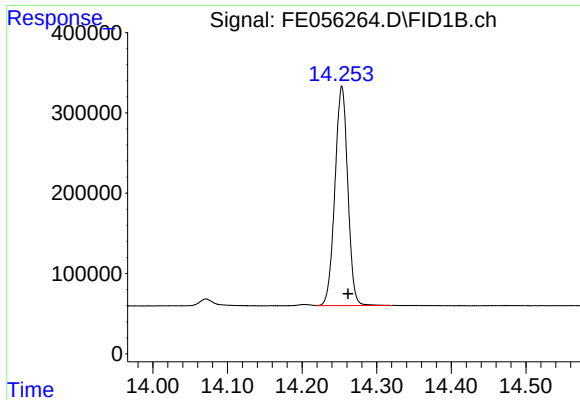
#11 n-Heneicosane (C21)

R.T.: 13.665 min
Delta R.T.: -0.008 min
Response: 3360418
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

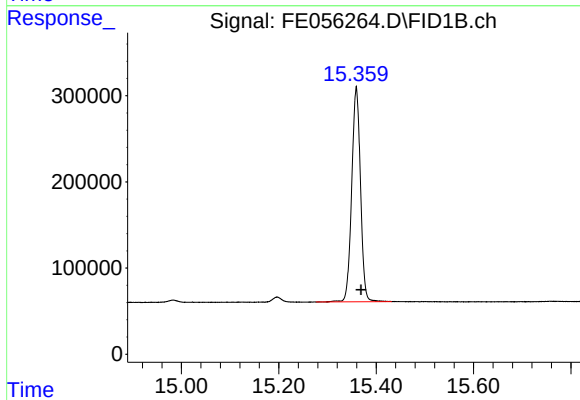
R.T.: 13.499 min
Delta R.T.: -0.009 min
Response: 2903105
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

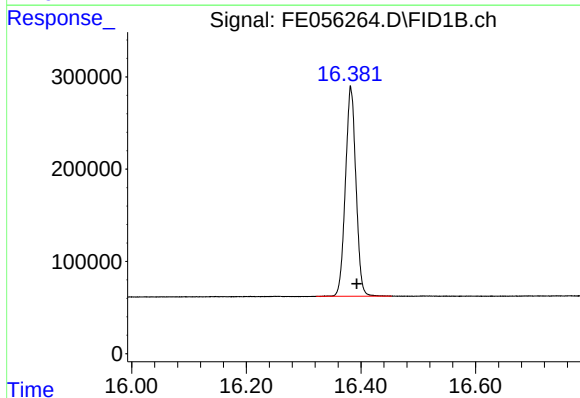
R.T.: 14.253 min
Delta R.T.: -0.008 min
Response: 3271692
Conc: 20.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



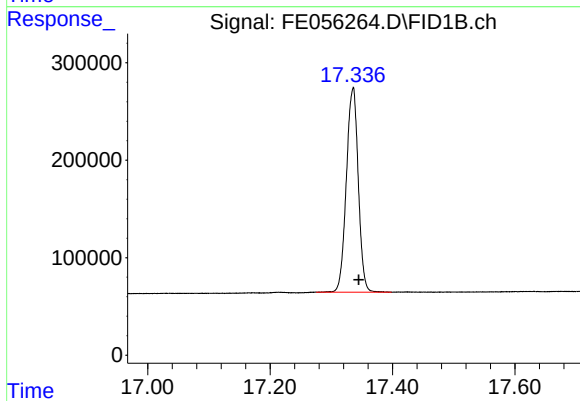
#14 n-Tetracosane (C24)

R.T.: 15.359 min
Delta R.T.: -0.009 min
Response: 3114782
Conc: 20.44 ug/ml



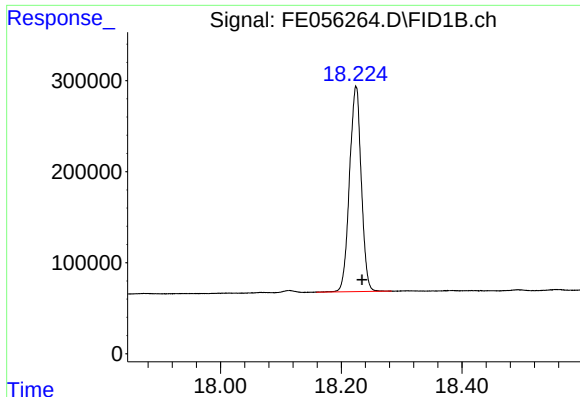
#15 n-Hexacosane (C26)

R.T.: 16.382 min
Delta R.T.: -0.010 min
Response: 2893126
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

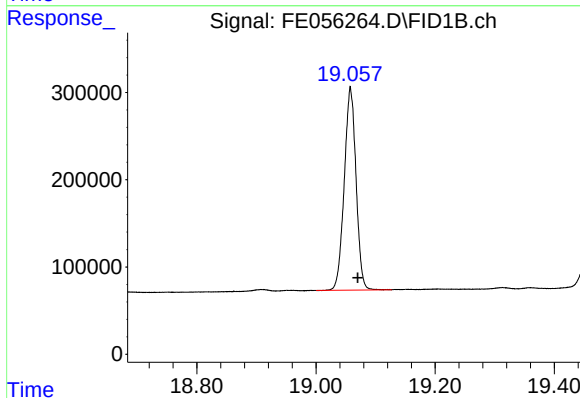
R.T.: 17.335 min
Delta R.T.: -0.010 min
Response: 2833009
Conc: 20.34 ug/ml



#17 n-Tricontane (C30)

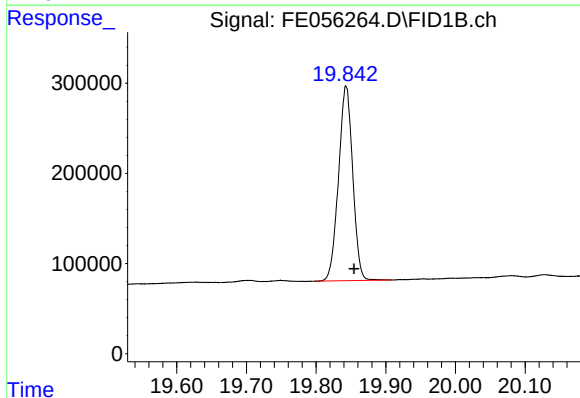
R.T.: 18.224 min
Delta R.T.: -0.010 min
Response: 3044817
Conc: 20.55 ug/ml

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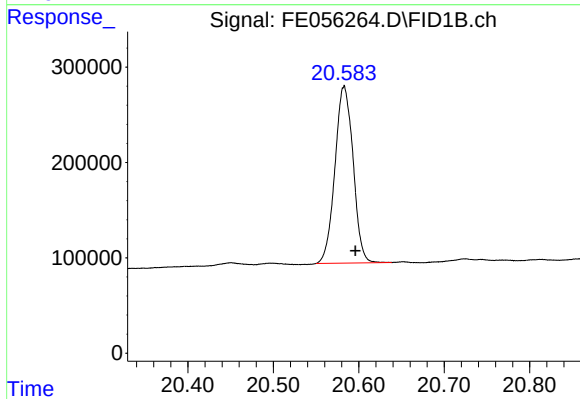
#18 n-Dotriacontane (C32)

R.T.: 19.058 min
Delta R.T.: -0.012 min
Response: 3189536
Conc: 21.38 ug/ml



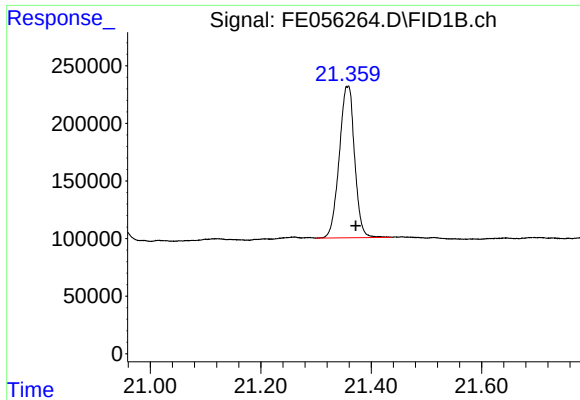
#19 n-Tetratriacontane (C34)

R.T.: 19.843 min
Delta R.T.: -0.012 min
Response: 3058896
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

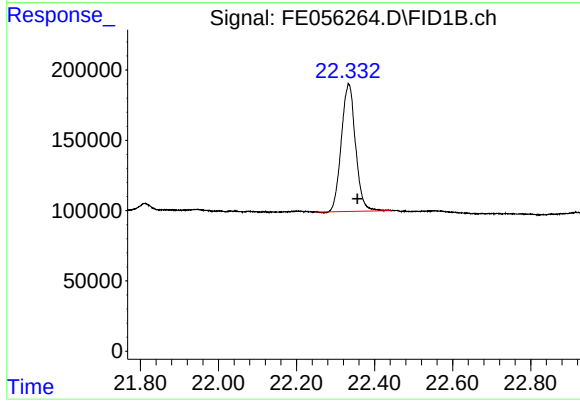
R.T.: 20.583 min
Delta R.T.: -0.013 min
Response: 2738513
Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.358 min
Delta R.T.: -0.014 min
Response: 2532243
Conc: 19.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.334 min
Delta R.T.: -0.023 min
Response: 2286132
Conc: 19.22 ug/ml