

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054882.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 18:47
 Operator : YP\AJ
 Sample : Q2612-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-071525MSD

Integration File: autoint1.e
 Quant Time: Jul 17 05:31:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.090	6053782	37.278 ug/ml
Spiked Amount 50.000		Recovery =	74.56%
12) S 1-chlorooctadecane (S...	13.524	4635553	36.705 ug/ml
Spiked Amount 50.000		Recovery =	73.41%
Target Compounds			
1) T n-Nonane (C9)	3.428	3086109	22.944 ug/ml
2) T n-Decane (C10)	4.686	3477368	25.485 ug/ml
3) T A~Naphthalene (C11.7)	6.404	4298141	28.387 ug/ml
4) T n-Dodecane (C12)	6.860	3790575	27.627 ug/ml
5) T A~2-methylnaphthalene...	7.505	4119624	28.024 ug/ml
6) T n-Tetradecane (C14)	8.698	4068849	29.351 ug/ml
7) T n-Hexadecane (C16)	10.312	4382116	30.750 ug/ml
8) T n-Octadecane (C18)	11.762	4509346	30.769 ug/ml
10) T n-Eicosane (C20)	13.077	4638358	32.257 ug/ml
11) T n-Heneicosane (C21)	13.691	4429371	31.011 ug/ml
13) T n-Docosane (C22)	14.279	4342911	30.415 ug/ml
14) T n-Tetracosane (C24)	15.385	9141876	62.889 ug/ml
15) T n-Hexacosane (C26)	16.411	4236899	29.277 ug/ml
16) T n-Octacosane (C28)	17.362	4227451	29.007 ug/ml
17) T n-Tricontane (C30)	18.253	4523015	28.702 ug/ml
18) T n-Dotriacontane (C32)	19.086	4584368	28.336 ug/ml
19) T n-Tetratriacontane (C34)	19.872	4545648	29.829 ug/ml
20) T n-Hexatriacontane (C36)	20.612	4460454	33.174 ug/ml
21) T n-Octatriacontane (C38)	21.394	5026822	42.860 ug/ml
22) T n-Tetracontane (C40)	22.390	4520374	41.707 ug/ml

(f)=RT Delta > 1/2 Window

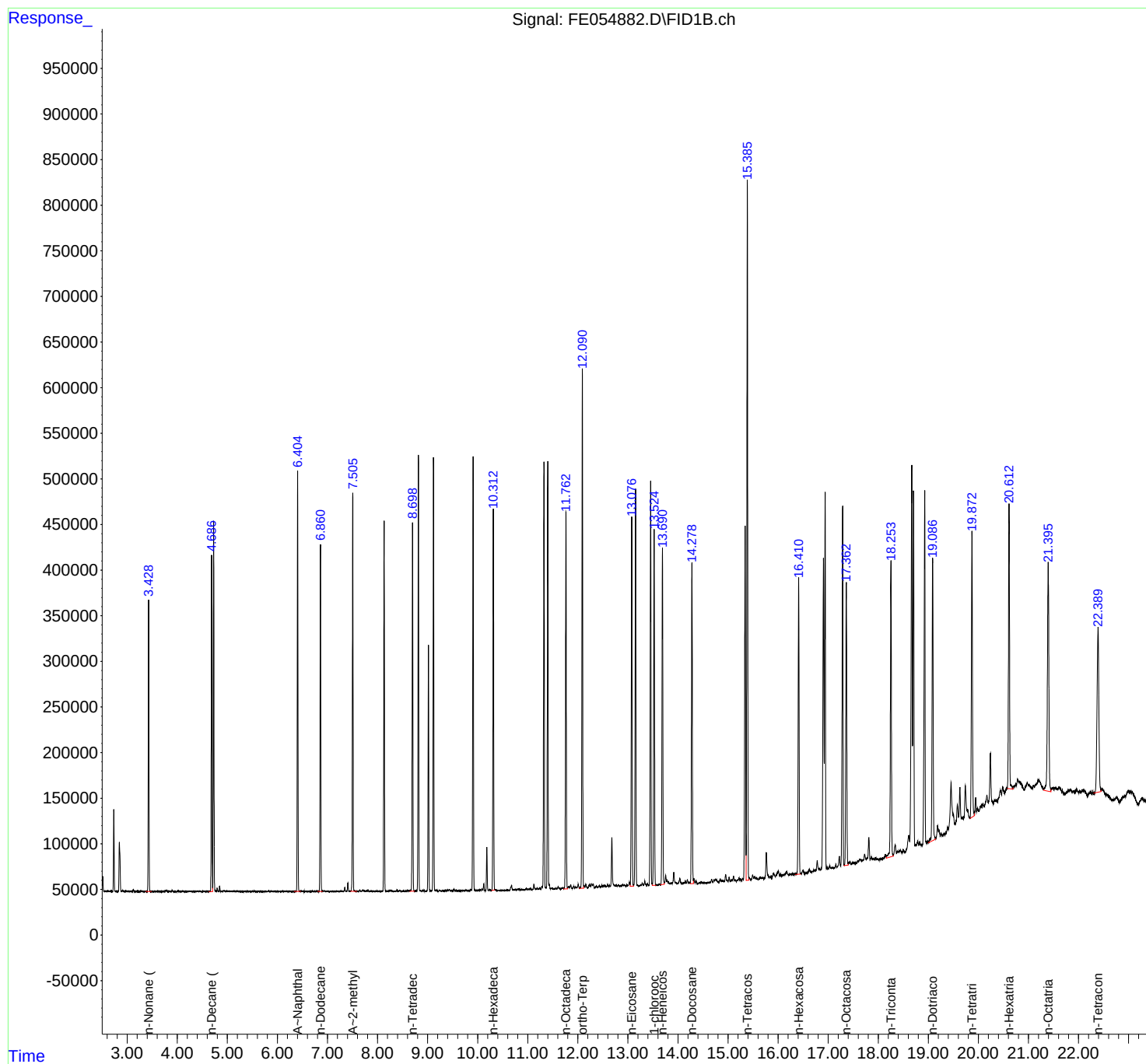
(m)=manual int.

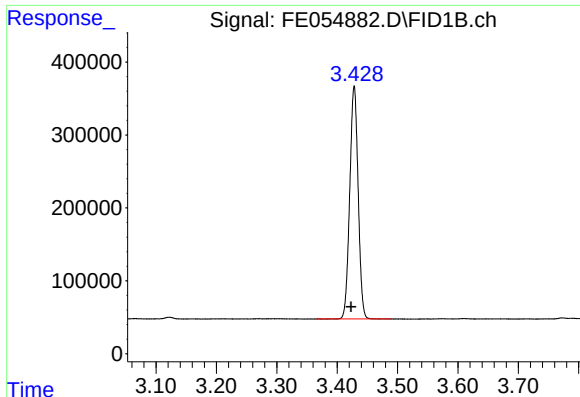
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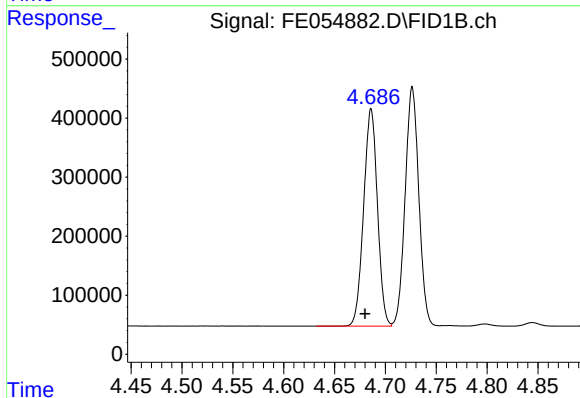




#1 n-Nonane (C9)

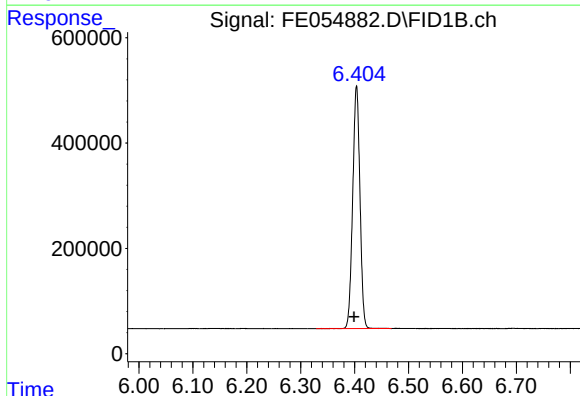
R.T.: 3.428 min
Delta R.T.: 0.005 min
Response: 3086109
Conc: 22.94 ug/ml

Instrument :
FID_E
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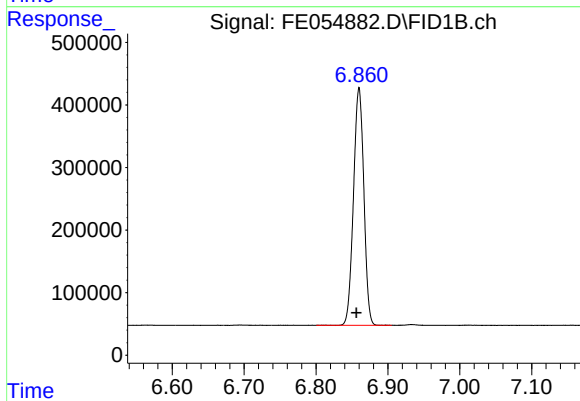
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 3477368
Conc: 25.48 ug/ml



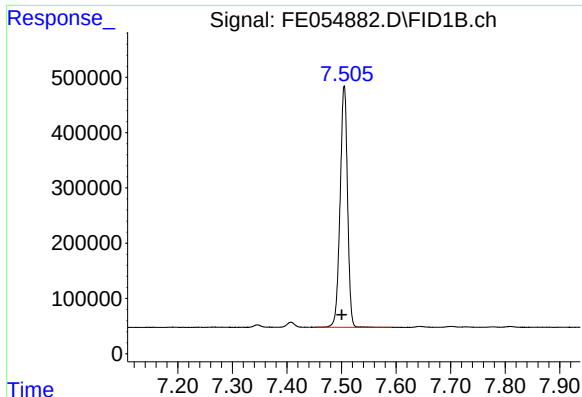
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 4298141
Conc: 28.39 ug/ml



#4 n-Dodecane (C12)

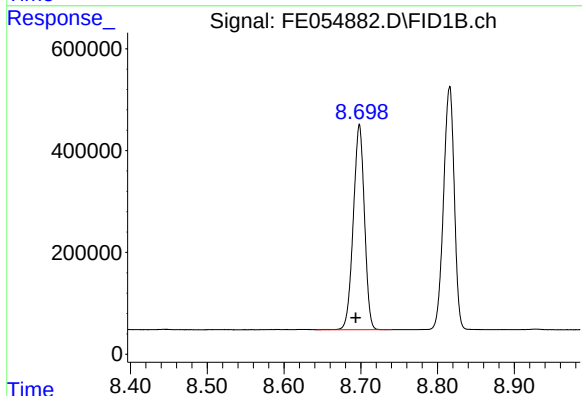
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 3790575
Conc: 27.63 ug/ml



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

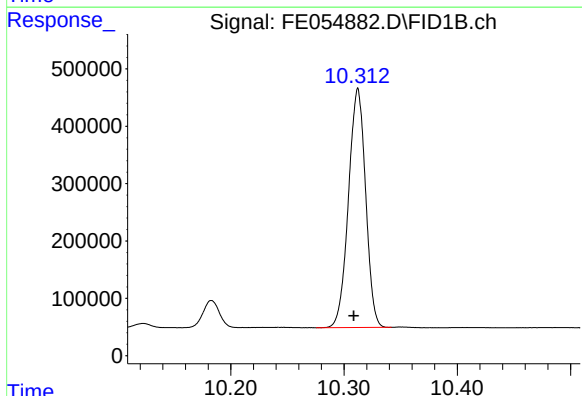
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 4119624
Conc: 28.02 ug/ml

Instrument :
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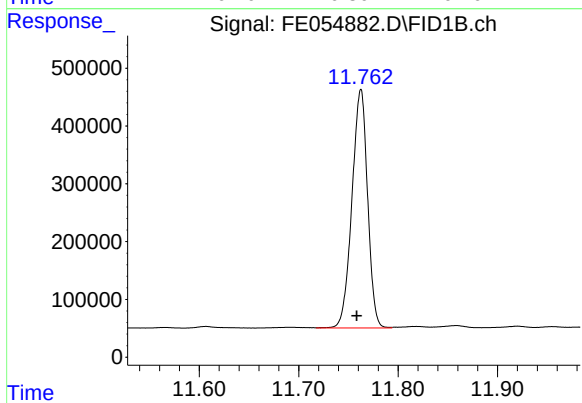
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 4068849
Conc: 29.35 ug/ml



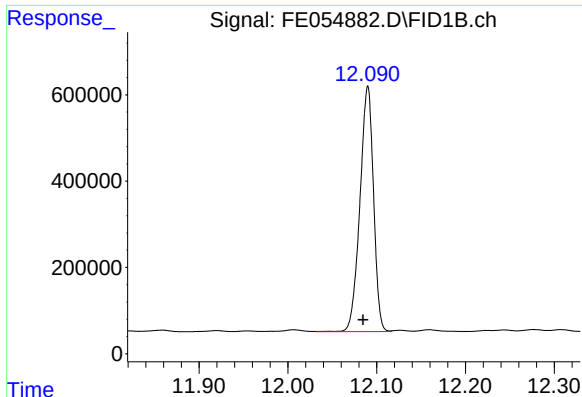
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 4382116
Conc: 30.75 ug/ml



#8 n-Octadecane (C18)

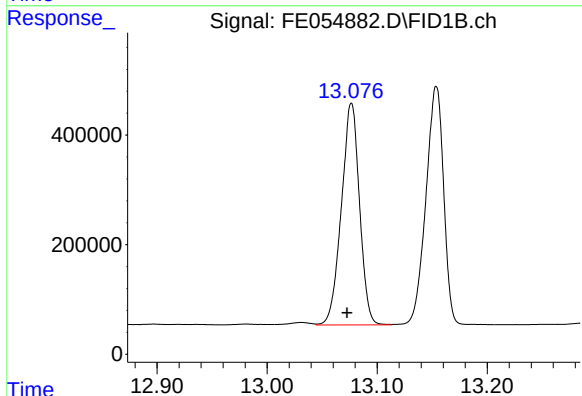
R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 4509346
Conc: 30.77 ug/ml



#9 ortho-Terphenyl (SURR)

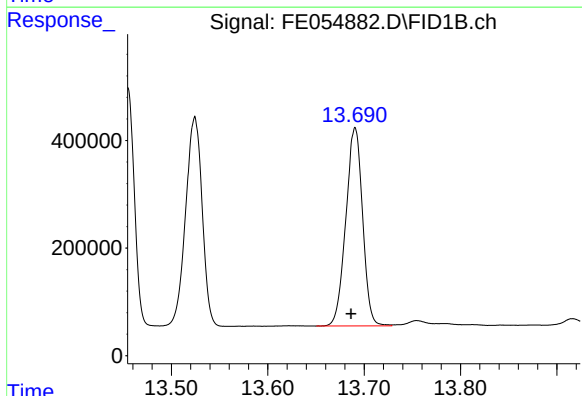
R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 6053782
Conc: 37.28 ug/ml

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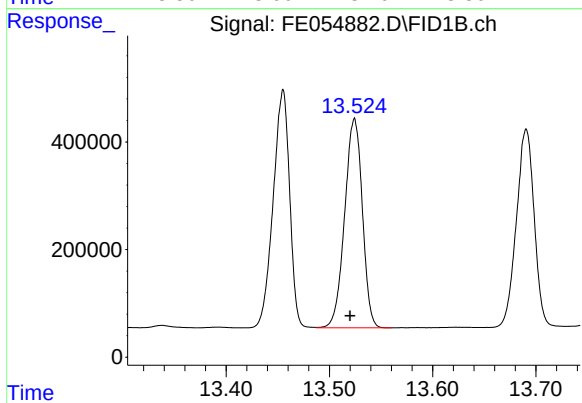
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.004 min
Response: 4638358
Conc: 32.26 ug/ml



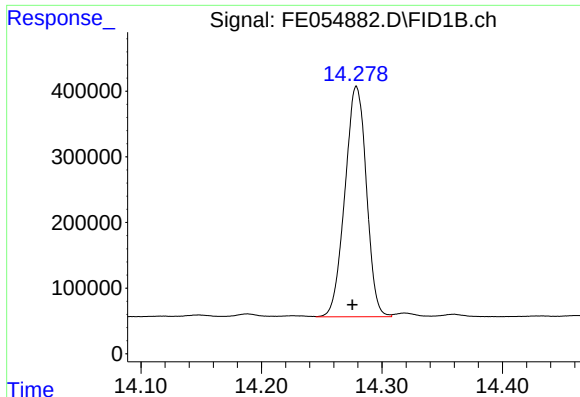
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.004 min
Response: 4429371
Conc: 31.01 ug/ml



#12 1-chlorooctadecane (SURR)

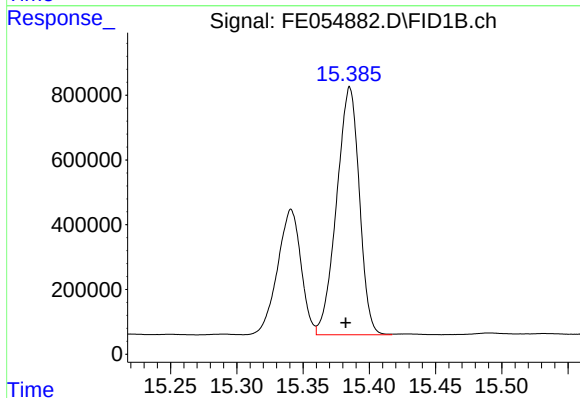
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4635553
Conc: 36.70 ug/ml



#13 n-Docosane (C22)

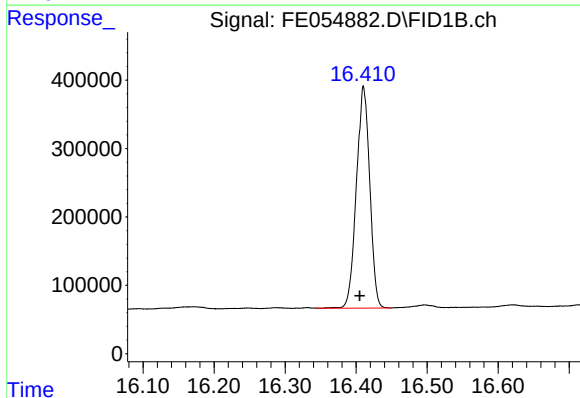
R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 4342911
Conc: 30.41 ug/ml

Instrument :
FID_E
ClientSampleId :
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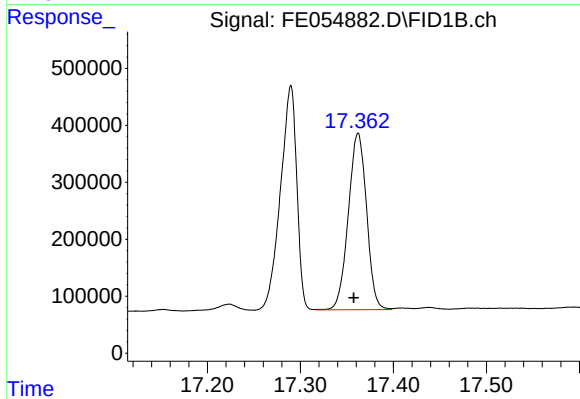
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 9141876
Conc: 62.89 ug/ml



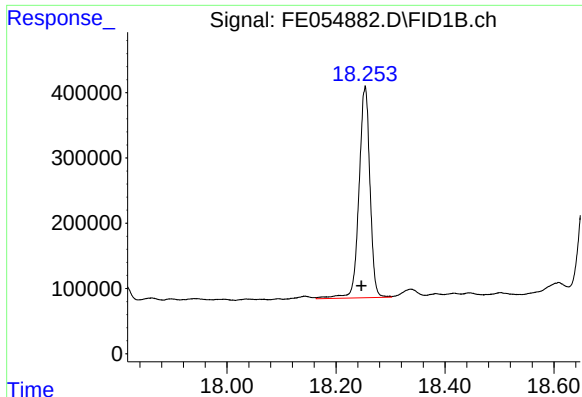
#15 n-Hexacosane (C26)

R.T.: 16.411 min
Delta R.T.: 0.005 min
Response: 4236899
Conc: 29.28 ug/ml



#16 n-Octacosane (C28)

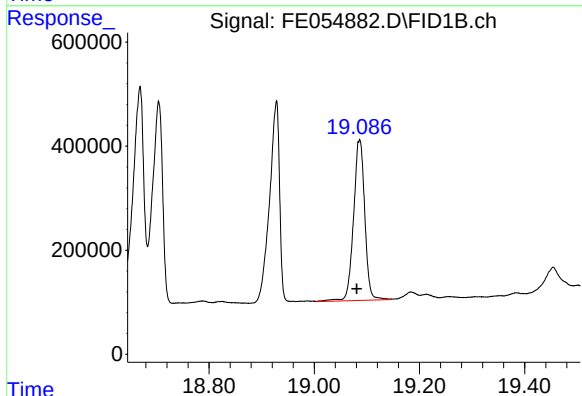
R.T.: 17.362 min
Delta R.T.: 0.005 min
Response: 4227451
Conc: 29.01 ug/ml



#17 n-Tricontane (C30)

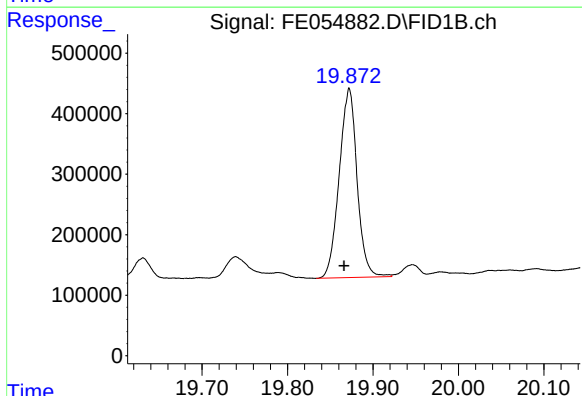
R.T.: 18.253 min
Delta R.T.: 0.007 min
Response: 4523015
Conc: 28.70 ug/ml

Instrument :
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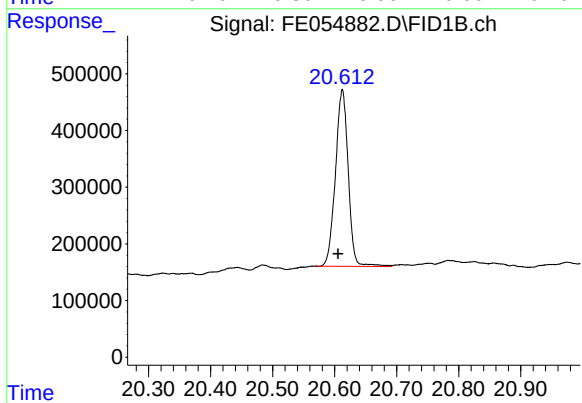
#18 n-Dotriacontane (C32)

R.T.: 19.086 min
Delta R.T.: 0.005 min
Response: 4584368
Conc: 28.34 ug/ml



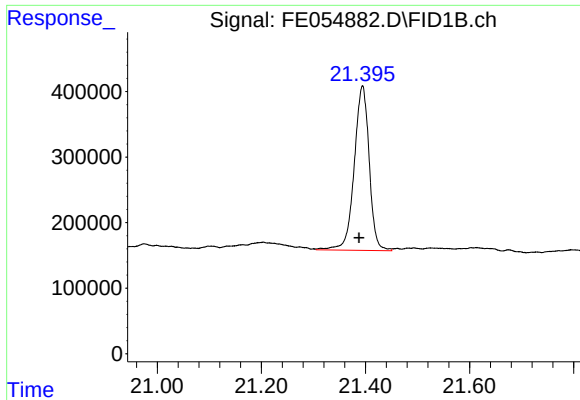
#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.006 min
Response: 4545648
Conc: 29.83 ug/ml



#20 n-Hexatriacontane (C36)

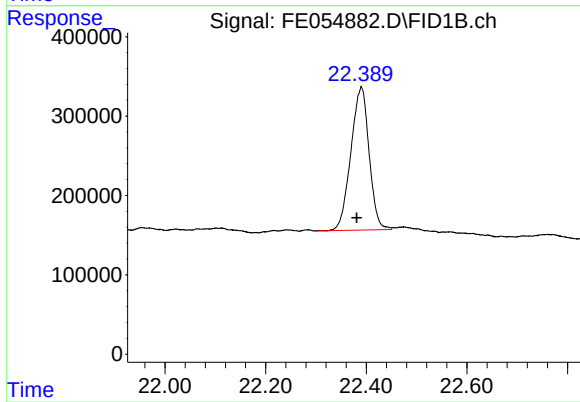
R.T.: 20.612 min
Delta R.T.: 0.007 min
Response: 4460454
Conc: 33.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.394 min
Delta R.T.: 0.006 min
Response: 5026822
Conc: 42.86 ug/ml

Instrument :
FID_E
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#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 4520374
Conc: 41.71 ug/ml