

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
 Data File : FE054769.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2025 21:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 10 05:14:42 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)	12.078	2994419	18.439 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	13.514	2284973	18.093 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.420	2591489	19.266 ug/ml
2) T n-Decane (C10)	4.677	2700293	19.790 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2987488	19.731 ug/ml
4) T n-Dodecane (C12)	6.852	2749948	20.042 ug/ml
5) T A~2-methylnaphthalene...	7.495	2903881	19.754 ug/ml
6) T n-Tetradecane (C14)	8.689	2770045	19.982 ug/ml
7) T n-Hexadecane (C16)	10.303	2810749	19.723 ug/ml
8) T n-Octadecane (C18)	11.752	2806084	19.147 ug/ml
10) T n-Eicosane (C20)	13.067	2693847	18.734 ug/ml
11) T n-Heneicosane (C21)	13.681	2594998	18.168 ug/ml
13) T n-Docosane (C22)	14.269	2695176	18.875 ug/ml
14) T n-Tetracosane (C24)	15.375	2844010	19.565 ug/ml
15) T n-Hexacosane (C26)	16.398	2949212	20.379 ug/ml
16) T n-Octacosane (C28)	17.351	3072268	21.081 ug/ml
17) T n-Tricontane (C30)	18.240	3285574	20.850 ug/ml
18) T n-Dotriacontane (C32)	19.074	3176284	19.633 ug/ml
19) T n-Tetratriacontane (C34)	19.858	2802467	18.390 ug/ml
20) T n-Hexatriacontane (C36)	20.599	2352675	17.498 ug/ml
21) T n-Octatriacontane (C38)	21.378	2240214	19.101 ug/ml
22) T n-Tetracontane (C40)	22.368	2184016	20.151 ug/ml

(f)=RT Delta > 1/2 Window

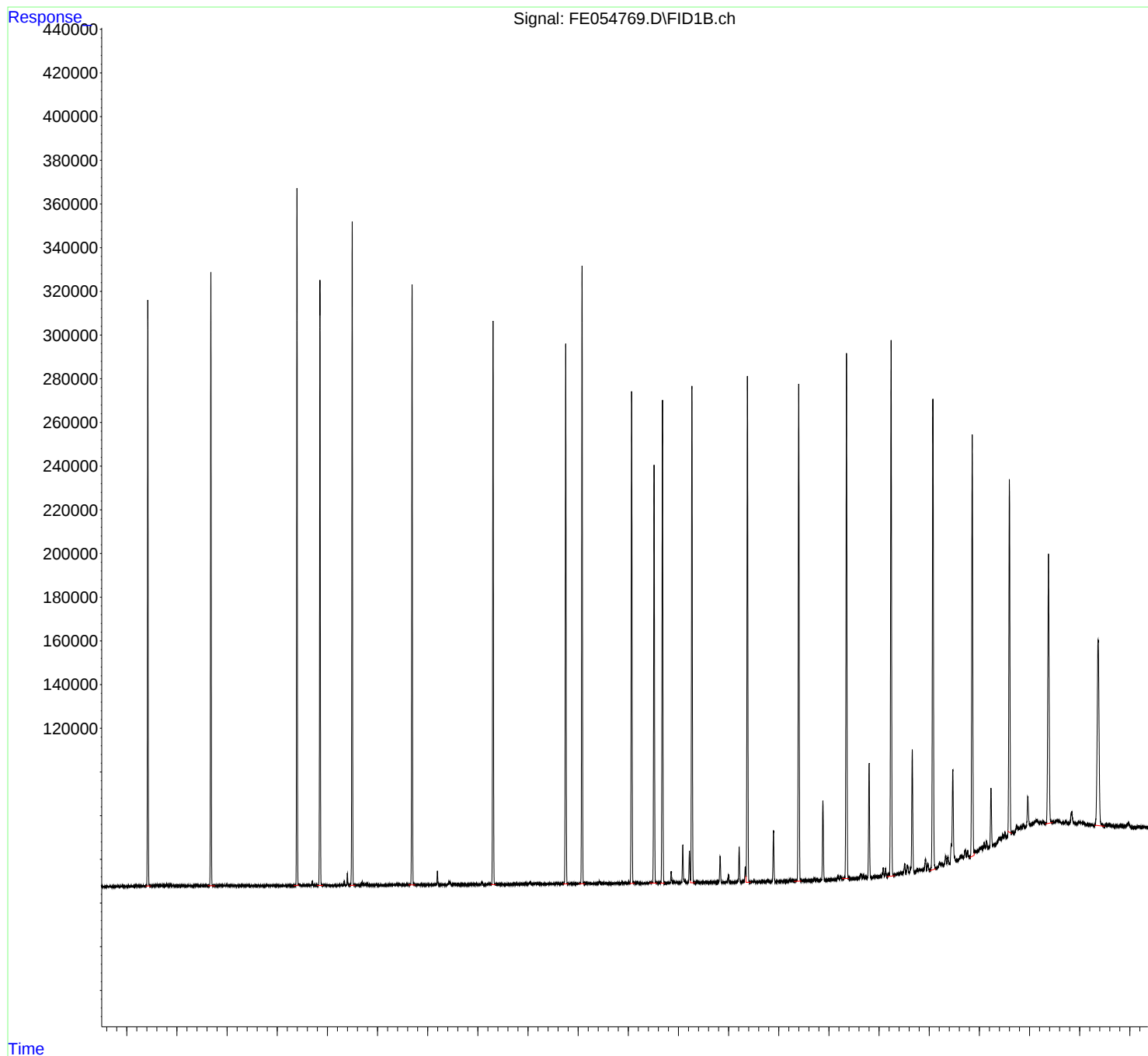
(m)=manual int.

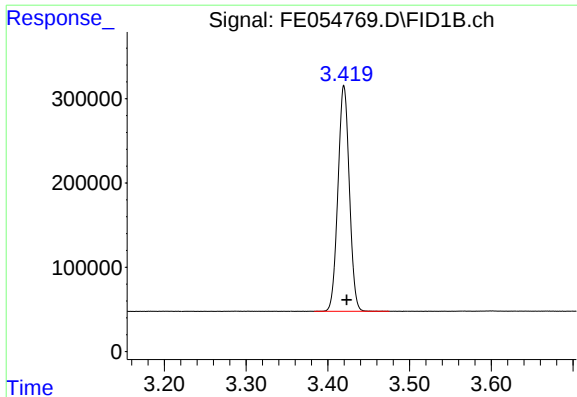
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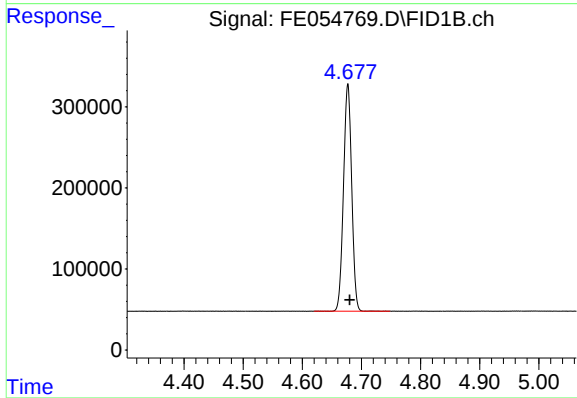




#1 n-Nonane (C9)

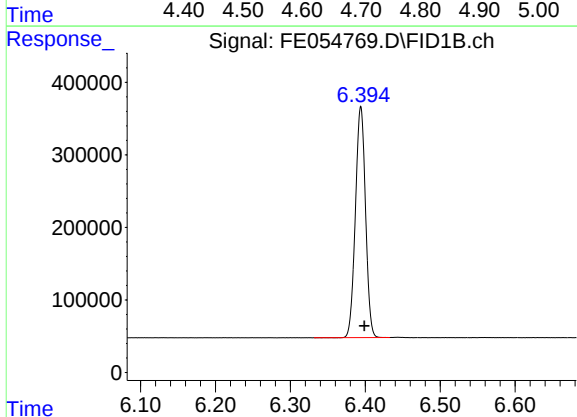
R.T.: 3.420 min
Delta R.T.: -0.003 min
Response: 2591489
Conc: 19.27 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



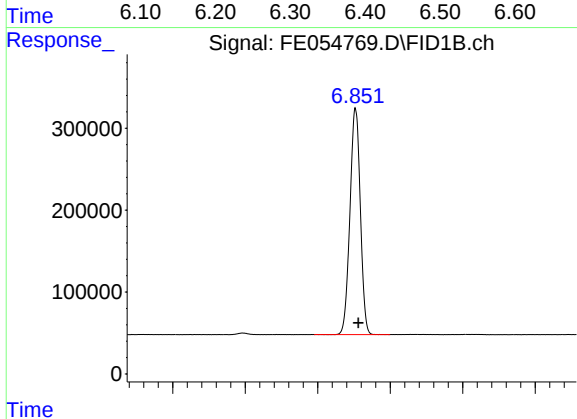
#2 n-Decane (C10)

R.T.: 4.677 min
Delta R.T.: -0.003 min
Response: 2700293
Conc: 19.79 ug/ml



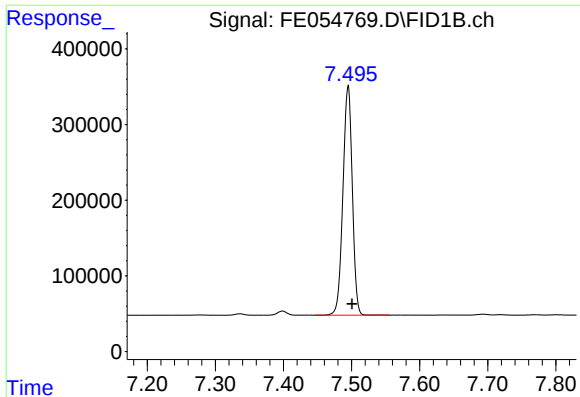
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 2987488
Conc: 19.73 ug/ml



#4 n-Dodecane (C12)

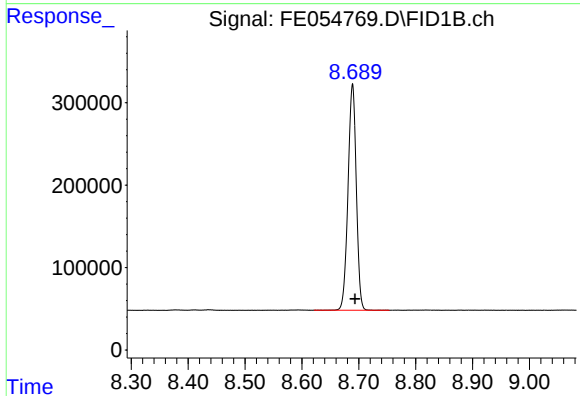
R.T.: 6.852 min
Delta R.T.: -0.004 min
Response: 2749948
Conc: 20.04 ug/ml



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

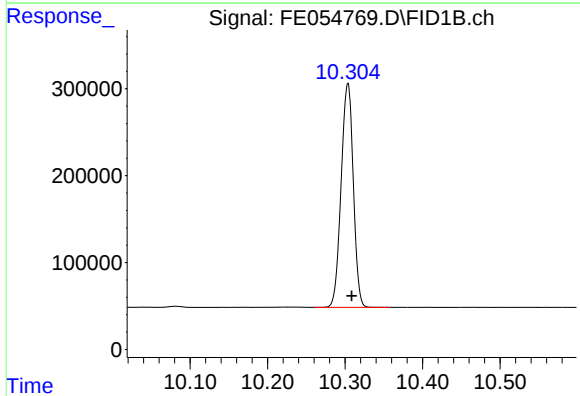
R.T.: 7.495 min
Delta R.T.: -0.006 min
Response: 2903881
Conc: 19.75 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



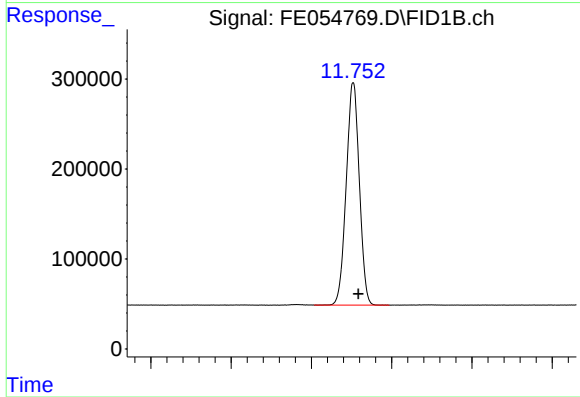
#6 n-Tetradecane (C14)

R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 2770045
Conc: 19.98 ug/ml



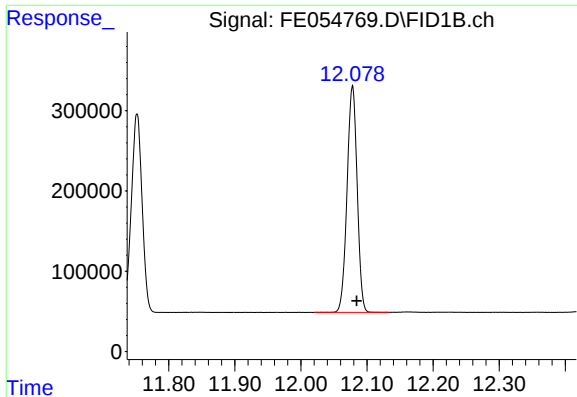
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: -0.005 min
Response: 2810749
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

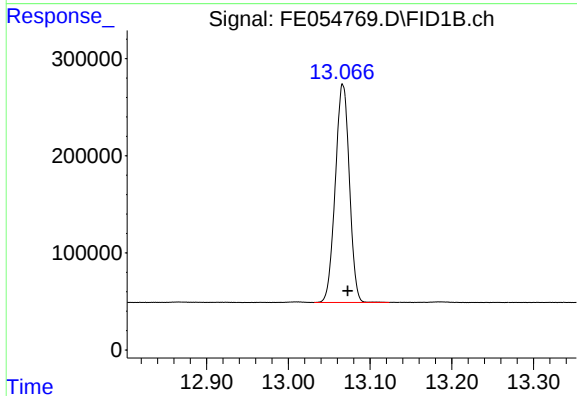
R.T.: 11.752 min
Delta R.T.: -0.006 min
Response: 2806084
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

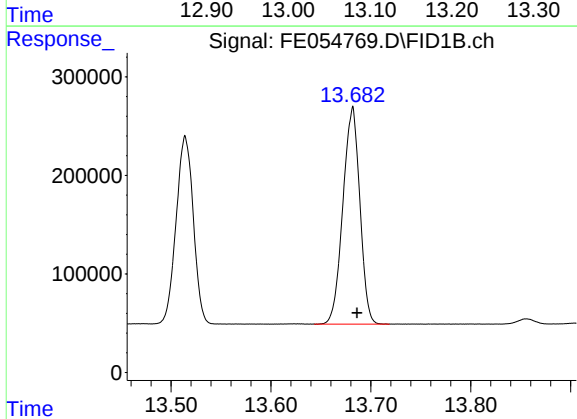
R.T.: 12.078 min
Delta R.T.: -0.007 min
Response: 2994419
Conc: 18.44 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



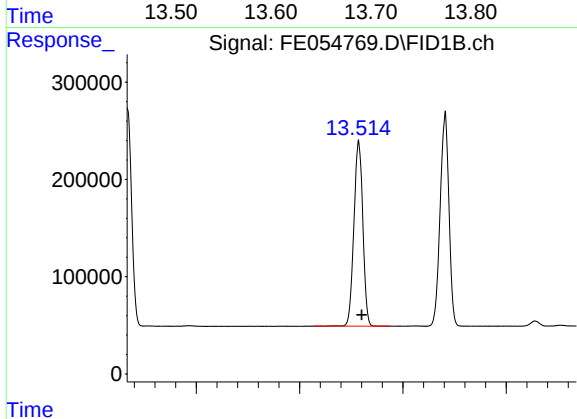
#10 n-Eicosane (C20)

R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 2693847
Conc: 18.73 ug/ml



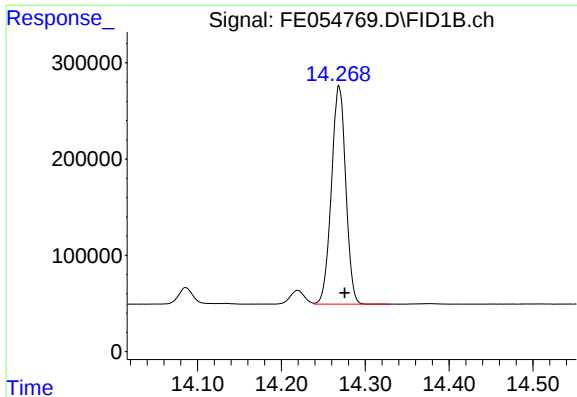
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: -0.005 min
Response: 2594998
Conc: 18.17 ug/ml



#12 1-chlorooctadecane (SURR)

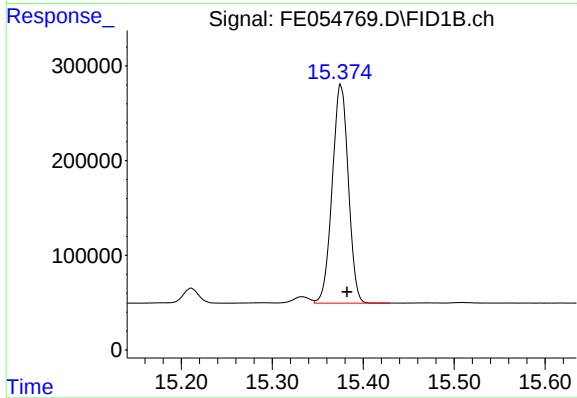
R.T.: 13.514 min
Delta R.T.: -0.006 min
Response: 2284973
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

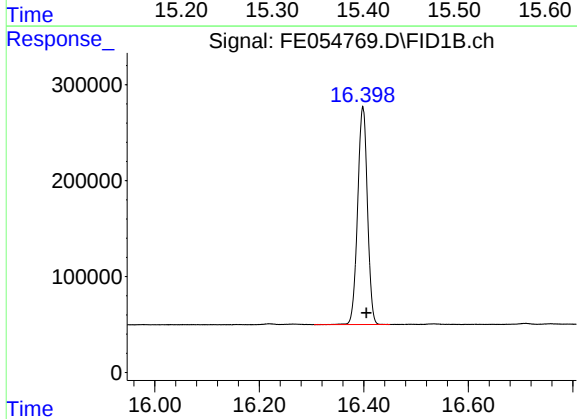
R.T.: 14.269 min
Delta R.T.: -0.007 min
Response: 2695176
Conc: 18.88 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



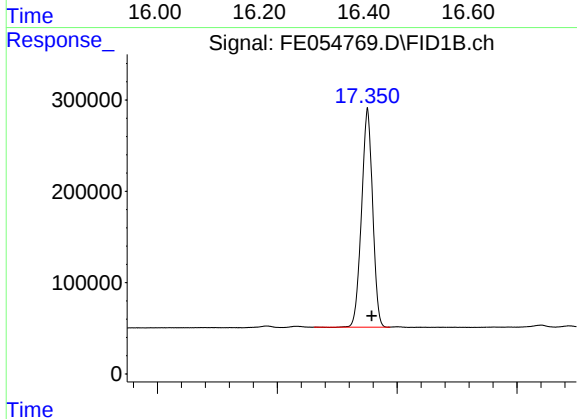
#14 n-Tetracosane (C24)

R.T.: 15.375 min
Delta R.T.: -0.007 min
Response: 2844010
Conc: 19.56 ug/ml



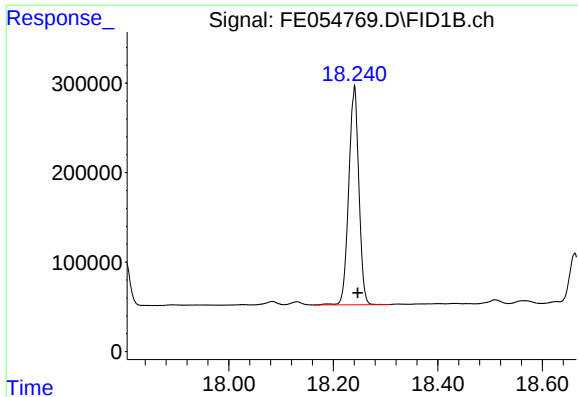
#15 n-Hexacosane (C26)

R.T.: 16.398 min
Delta R.T.: -0.007 min
Response: 2949212
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

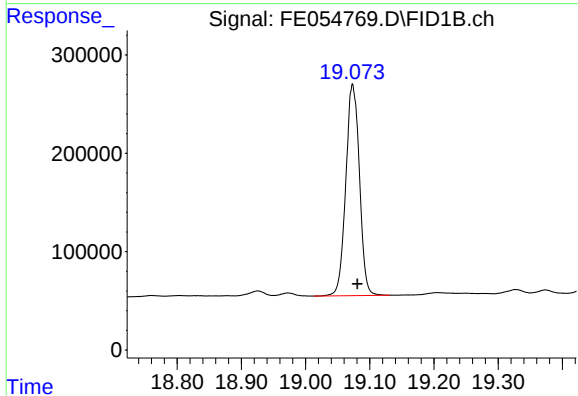
R.T.: 17.351 min
Delta R.T.: -0.007 min
Response: 3072268
Conc: 21.08 ug/ml



#17 n-Tricontane (C30)

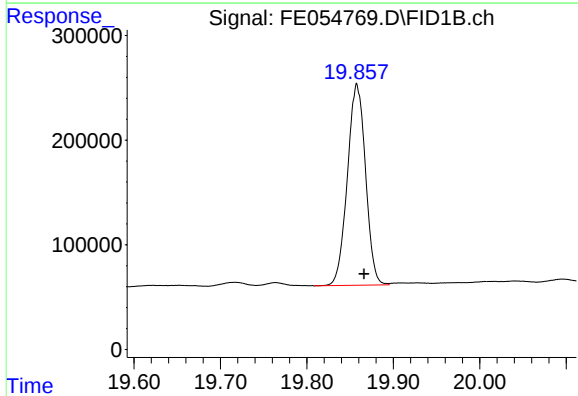
R.T.: 18.240 min
Delta R.T.: -0.006 min
Response: 3285574
Conc: 20.85 ug/ml

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FID_E
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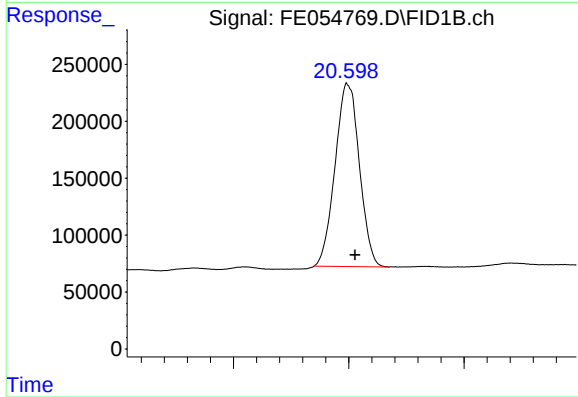
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: -0.007 min
Response: 3176284
Conc: 19.63 ug/ml



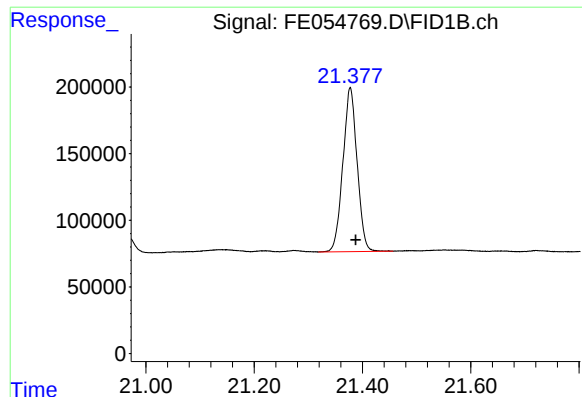
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.008 min
Response: 2802467
Conc: 18.39 ug/ml



#20 n-Hexatriacontane (C36)

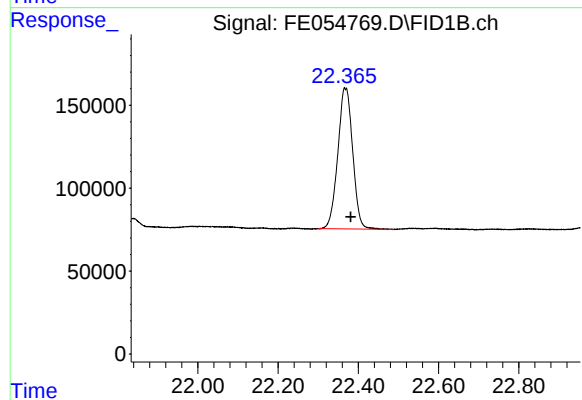
R.T.: 20.599 min
Delta R.T.: -0.006 min
Response: 2352675
Conc: 17.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.010 min
Response: 2240214
Conc: 19.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.368 min
Delta R.T.: -0.013 min
Response: 2184016
Conc: 20.15 ug/ml