

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041825AL\
 Data File : FE053397.D
 Signal(s) : FID1B.ch
 Acq On : 17 Apr 2025 15:12
 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: Apr 18 02:19:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.878	3459046	19.178 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
12) S 1-chlorooctadecane (S...	13.323	2569464	19.008 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
Target Compounds			
1) T n-Nonane (C9)	3.227	2671842	19.488 ug/ml
2) T n-Decane (C10)	4.487	2687580	19.428 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2968924	19.669 ug/ml
4) T n-Dodecane (C12)	6.667	2732570	19.484 ug/ml
5) T A~2-methylnaphthalene...	7.300	2944042	19.718 ug/ml
6) T n-Tetradecane (C14)	8.502	2715969	19.360 ug/ml
7) T n-Hexadecane (C16)	10.116	2752016	19.202 ug/ml
8) T n-Octadecane (C18)	11.564	2773629	19.032 ug/ml
10) T n-Eicosane (C20)	12.878	2759900	18.967 ug/ml
11) T n-Heneicosane (C21)	13.491	2746785	18.964 ug/ml
13) T n-Docosane (C22)	14.079	2721840	18.862 ug/ml
14) T n-Tetracosane (C24)	15.185	2695185	18.763 ug/ml
15) T n-Hexacosane (C26)	16.208	2657037	18.761 ug/ml
16) T n-Octacosane (C28)	17.160	2615527	18.800 ug/ml
17) T n-Tricontane (C30)	18.049	2612406	18.768 ug/ml
18) T n-Dotriacontane (C32)	18.883	2585512	18.830 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2562773	19.669 ug/ml
20) T n-Hexatriacontane (C36)	20.410	2607415	20.653 ug/ml
21) T n-Octatriacontane (C38)	21.145	2603119	21.367 ug/ml
22) T n-Tetracontane (C40)	22.053	2738615	22.932 ug/ml

(f)=RT Delta > 1/2 Window

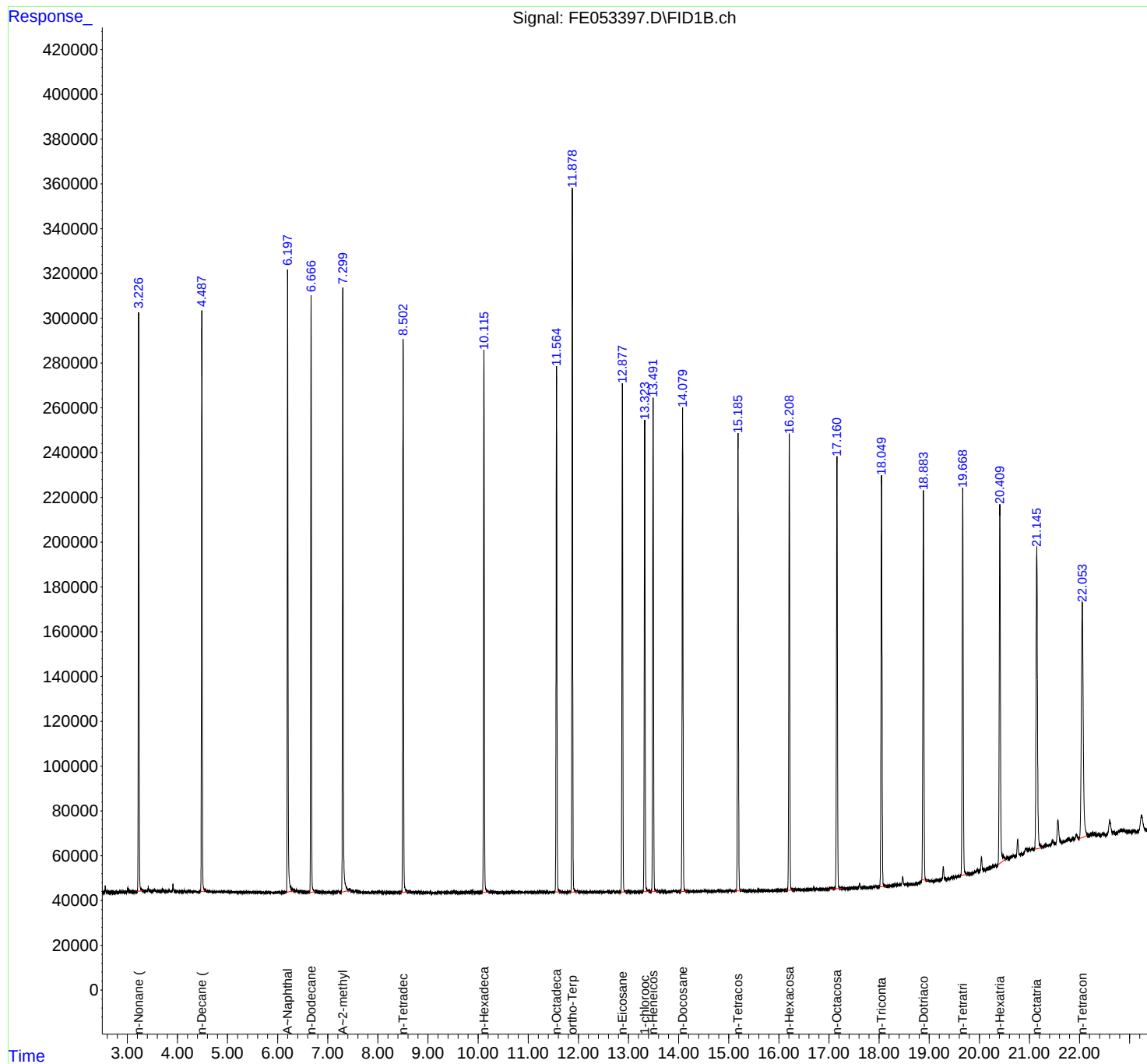
(m)=manual int.

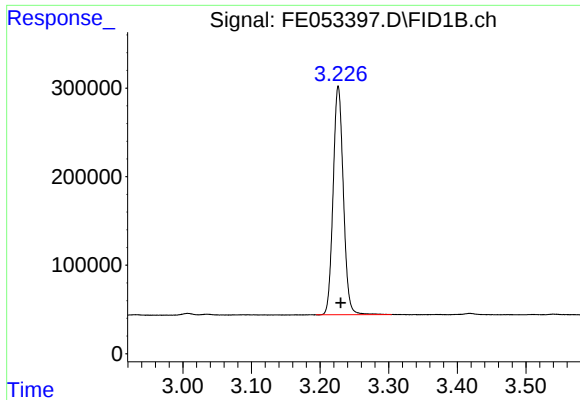
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041825AL\
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Signal Info : 20M x 0.18mm x 0.18um

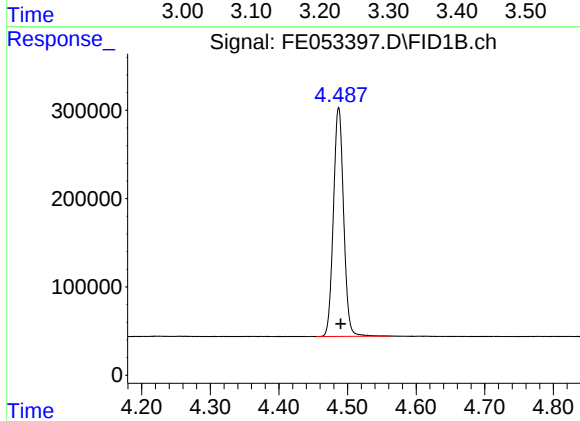




#1 n-Nonane (C9)

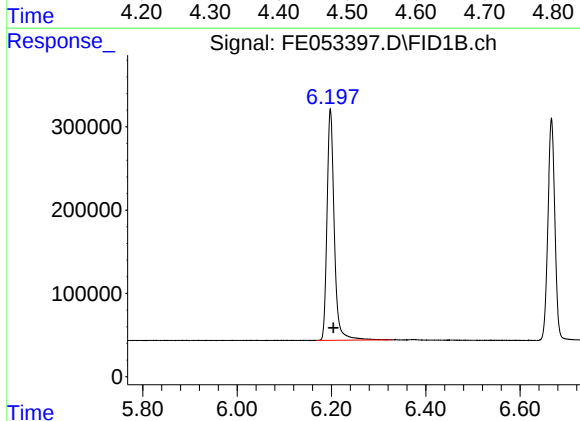
R.T.: 3.227 min
Delta R.T.: -0.003 min
Response: 2671842
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



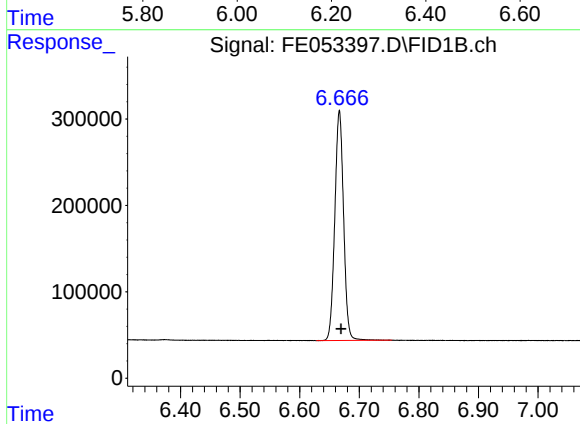
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2687580
Conc: 19.43 ug/ml



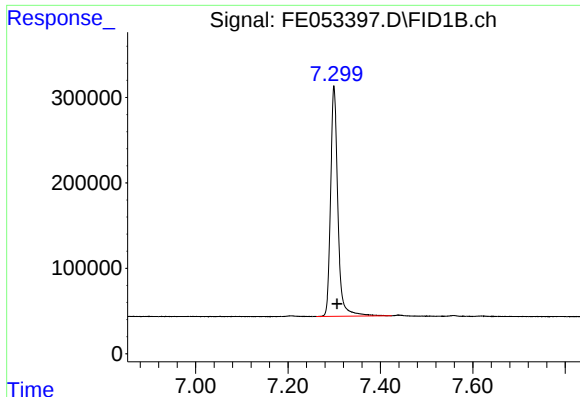
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 2968924
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

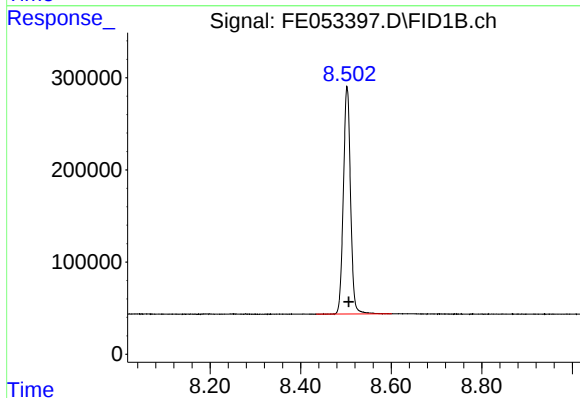
R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 2732570
Conc: 19.48 ug/ml



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

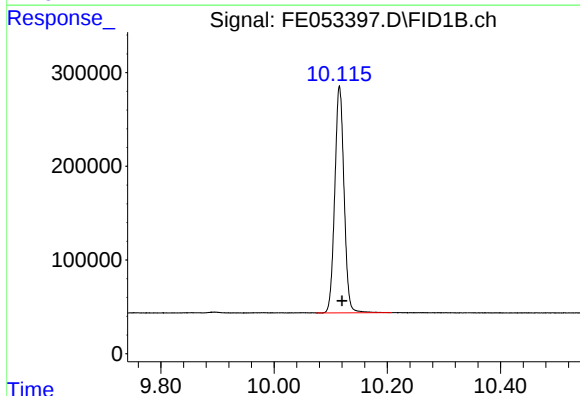
R.T.: 7.300 min
Delta R.T.: -0.006 min
Response: 2944042
Conc: 19.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



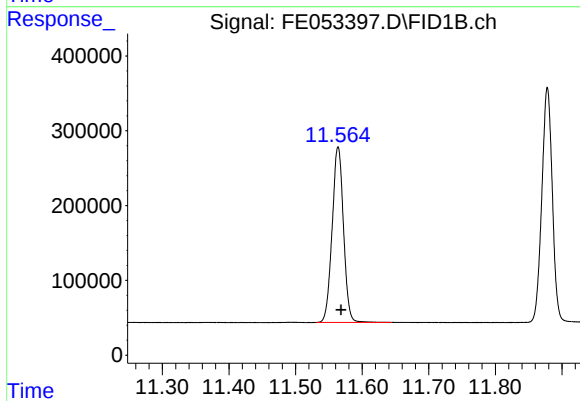
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.003 min
Response: 2715969
Conc: 19.36 ug/ml



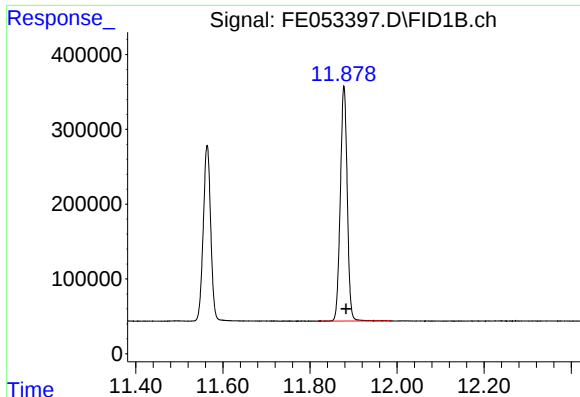
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.004 min
Response: 2752016
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

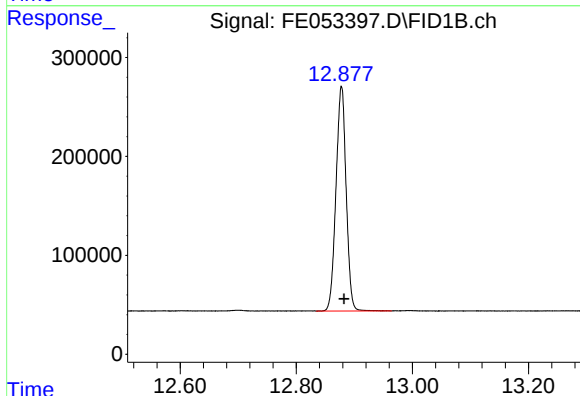
R.T.: 11.564 min
Delta R.T.: -0.005 min
Response: 2773629
Conc: 19.03 ug/ml



#9 ortho-Terphenyl (SURR)

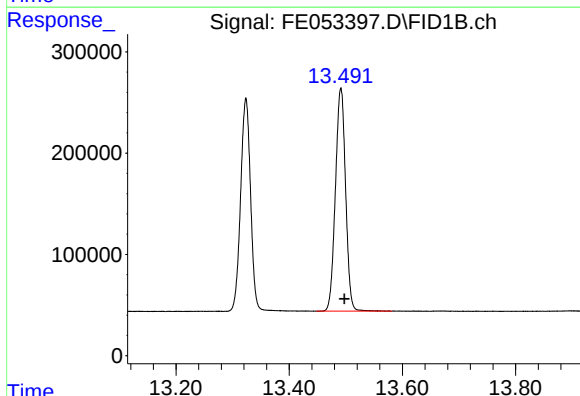
R.T.: 11.878 min
Delta R.T.: -0.005 min
Response: 3459046
Conc: 19.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



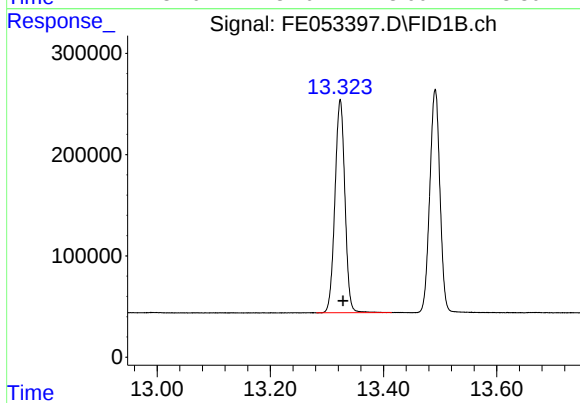
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.005 min
Response: 2759900
Conc: 18.97 ug/ml



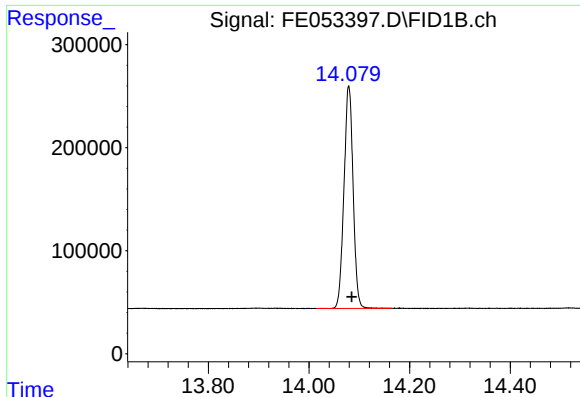
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: -0.006 min
Response: 2746785
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

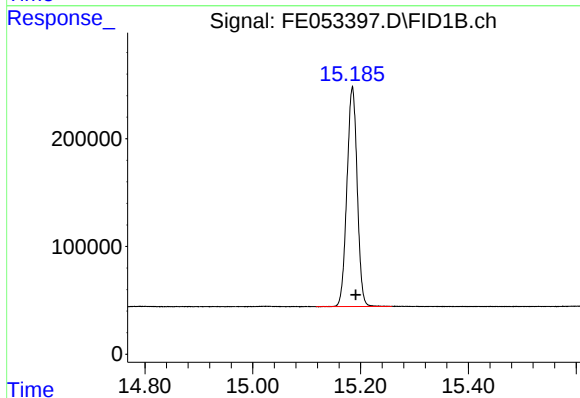
R.T.: 13.323 min
Delta R.T.: -0.005 min
Response: 2569464
Conc: 19.01 ug/ml



#13 n-Docosane (C22)

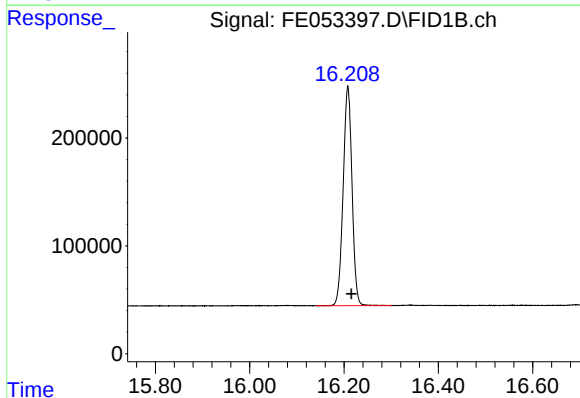
R.T.: 14.079 min
Delta R.T.: -0.006 min
Response: 2721840
Conc: 18.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



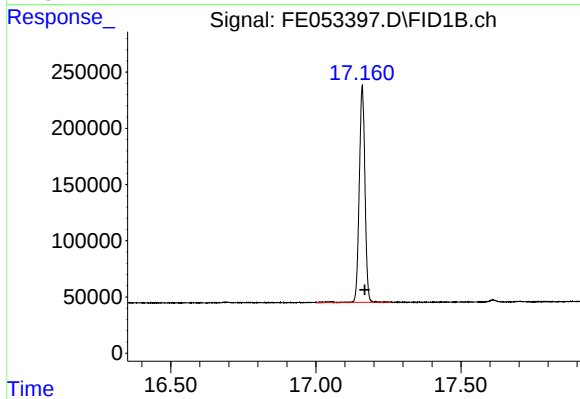
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.006 min
Response: 2695185
Conc: 18.76 ug/ml



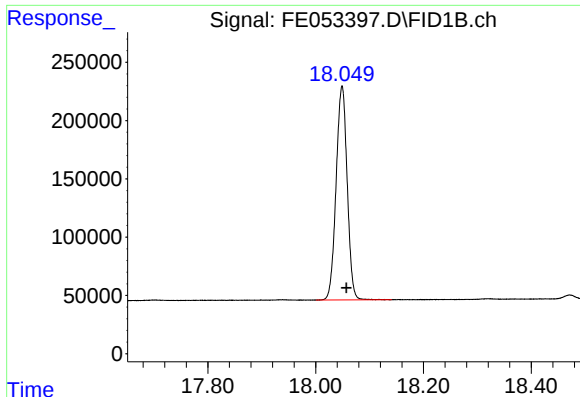
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 2657037
Conc: 18.76 ug/ml



#16 n-Octacosane (C28)

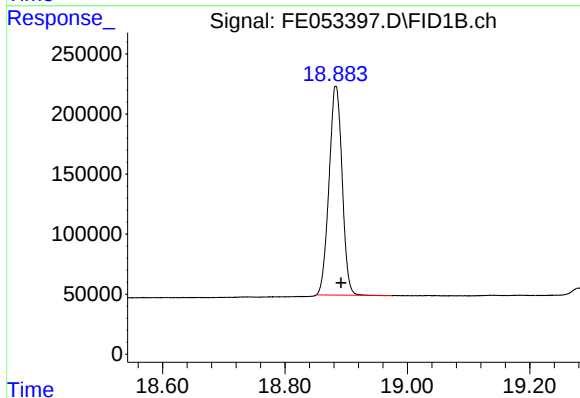
R.T.: 17.160 min
Delta R.T.: -0.009 min
Response: 2615527
Conc: 18.80 ug/ml



#17 n-Tricontane (C30)

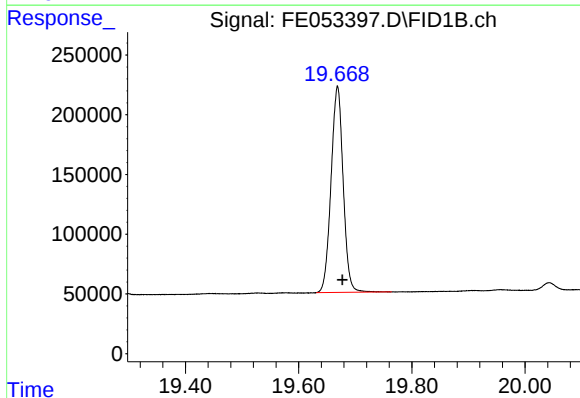
R.T.: 18.049 min
Delta R.T.: -0.008 min
Response: 2612406
Conc: 18.77 ug/ml

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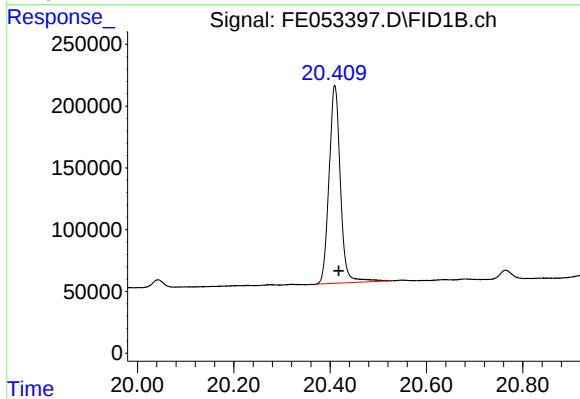
#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.008 min
Response: 2585512
Conc: 18.83 ug/ml



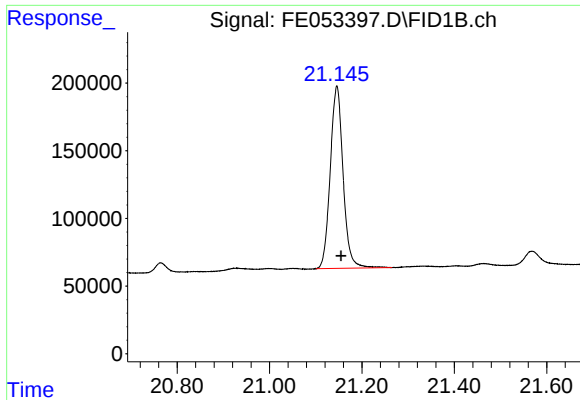
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.009 min
Response: 2562773
Conc: 19.67 ug/ml



#20 n-Hexatriacontane (C36)

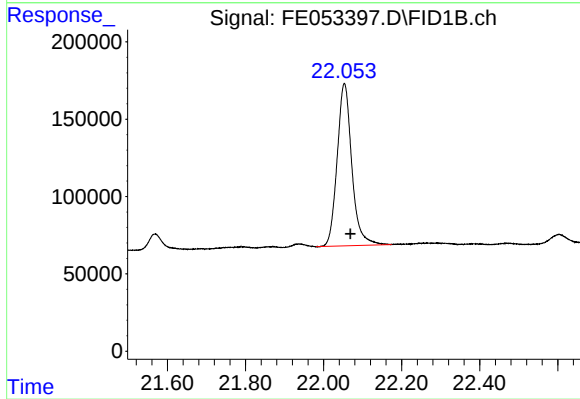
R.T.: 20.410 min
Delta R.T.: -0.009 min
Response: 2607415
Conc: 20.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.010 min
Response: 2603119
Conc: 21.37 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: -0.016 min
Response: 2738615
Conc: 22.93 ug/ml