

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053971.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 12:01
 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: sample.E
 Quant Time: May 23 01:28:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.843	3038674	18.698 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.288	2246983	18.954 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
Target Compounds			
1) T n-Nonane (C9)	3.193	2426997	17.957 ug/ml
2) T n-Decane (C10)	4.455	2456150	18.176 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2627364	18.282 ug/ml
4) T n-Dodecane (C12)	6.635	2501028	18.335 ug/ml
5) T A~2-methylnaphthalene...	7.270	2571481	18.539 ug/ml
6) T n-Tetradecane (C14)	8.470	2492208	18.468 ug/ml
7) T n-Hexadecane (C16)	10.083	2519404	18.671 ug/ml
8) T n-Octadecane (C18)	11.530	2513187	18.663 ug/ml
10) T n-Eicosane (C20)	12.843	2467238	18.772 ug/ml
11) T n-Heneicosane (C21)	13.456	2439928	18.820 ug/ml
13) T n-Docosane (C22)	14.043	2423384	18.996 ug/mlm
14) T n-Tetracosane (C24)	15.150	2406452	19.234 ug/ml
15) T n-Hexacosane (C26)	16.172	2367718	19.336 ug/ml
16) T n-Octacosane (C28)	17.124	2374531	19.533 ug/ml
17) T n-Tricontane (C30)	18.013	2479969	19.909 ug/mlm
18) T n-Dotriacontane (C32)	18.847	2503703	20.021 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2387273	20.041 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2352702	20.319 ug/ml
21) T n-Octatriacontane (C38)	21.104	2255591	20.727 ug/ml
22) T n-Tetracontane (C40)	21.998	2187081	22.040 ug/mlm

(f)=RT Delta > 1/2 Window

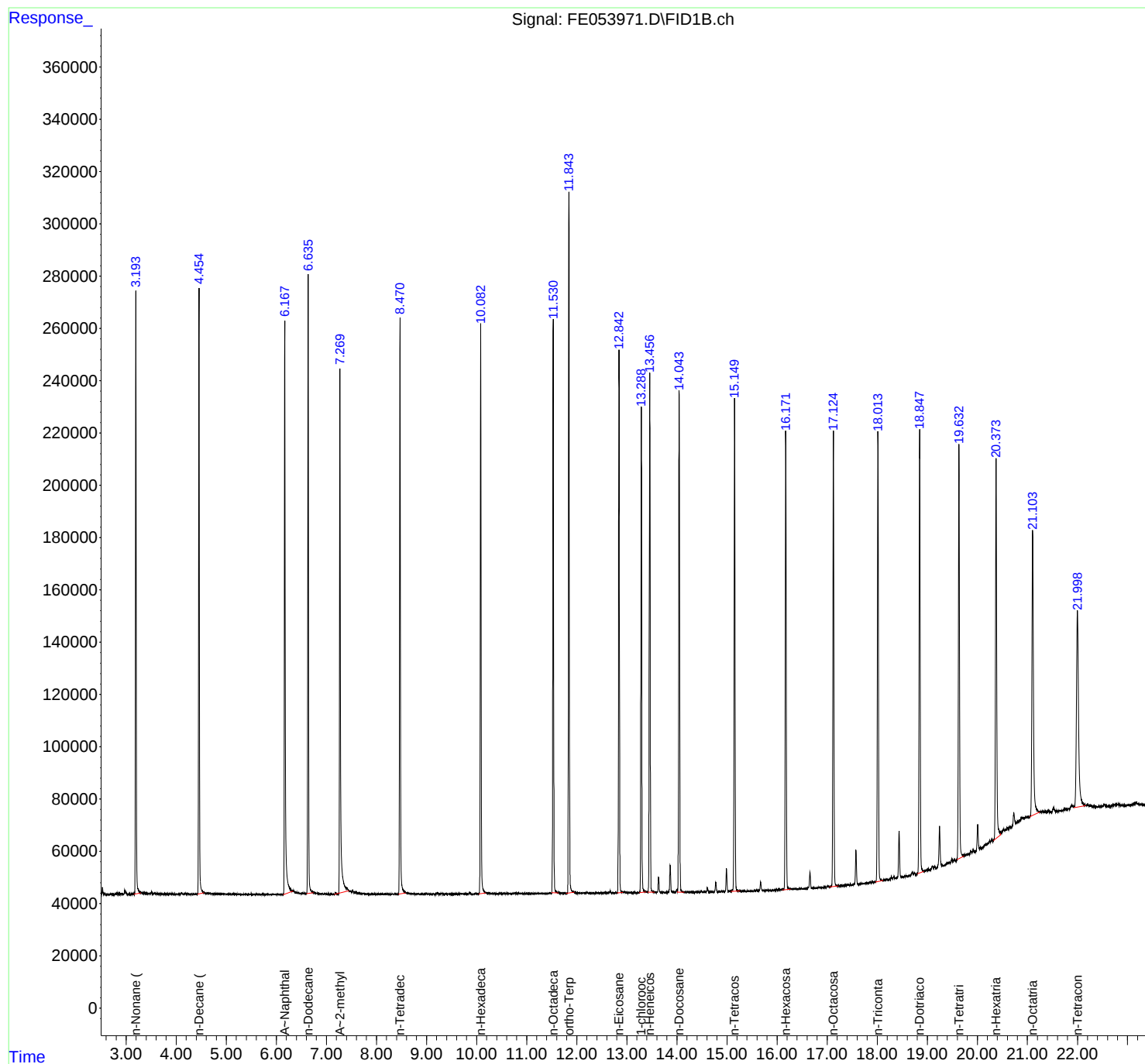
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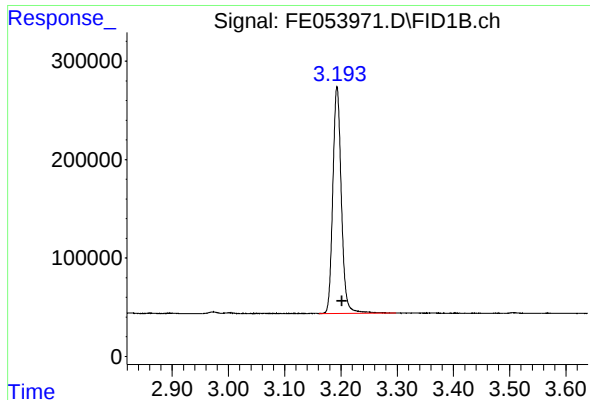
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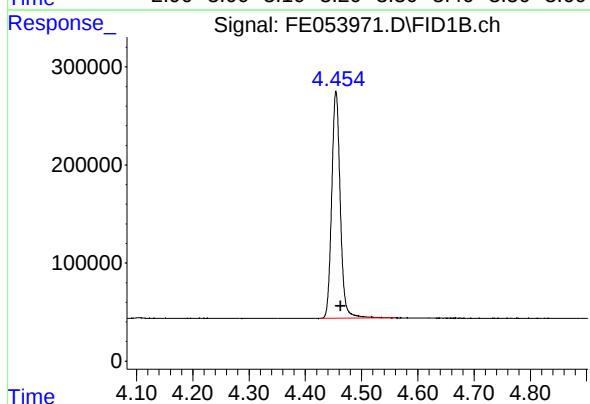




#1 n-Nonane (C9)

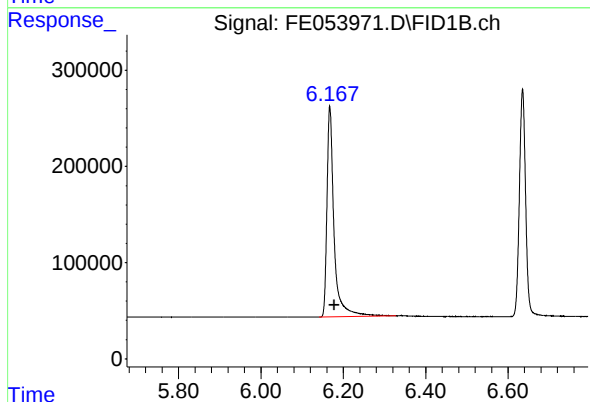
R.T.: 3.193 min
Delta R.T.: -0.009 min
Response: 2426997
Conc: 17.96 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



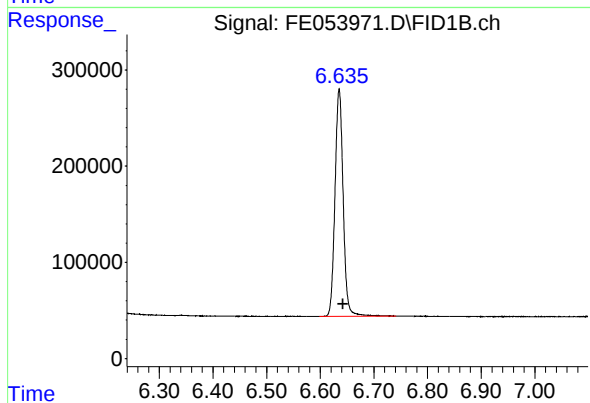
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 2456150
Conc: 18.18 ug/ml



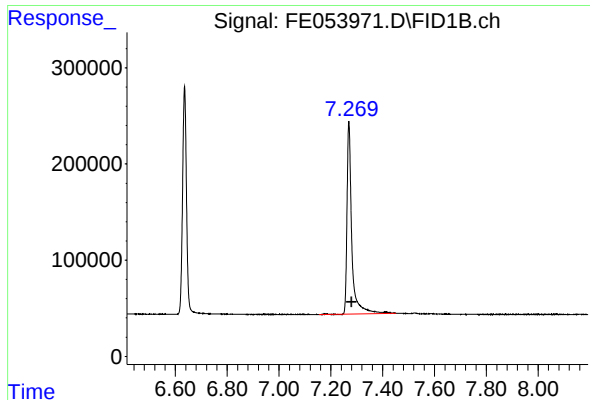
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.011 min
Response: 2627364
Conc: 18.28 ug/ml



#4 n-Dodecane (C12)

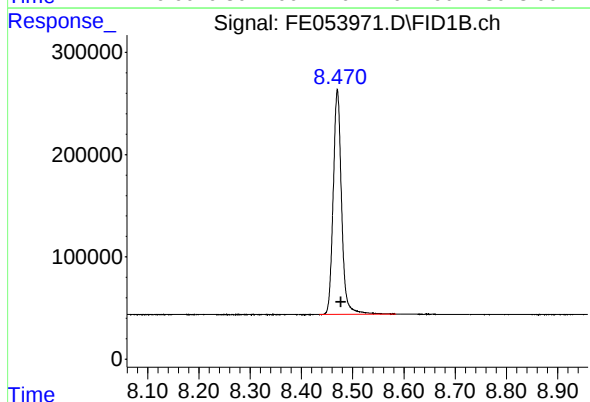
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 2501028
Conc: 18.34 ug/ml



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

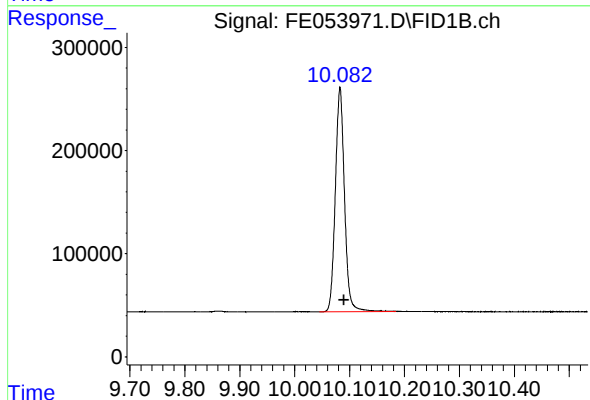
R.T.: 7.270 min
Delta R.T.: -0.011 min
Response: 2571481
Conc: 18.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



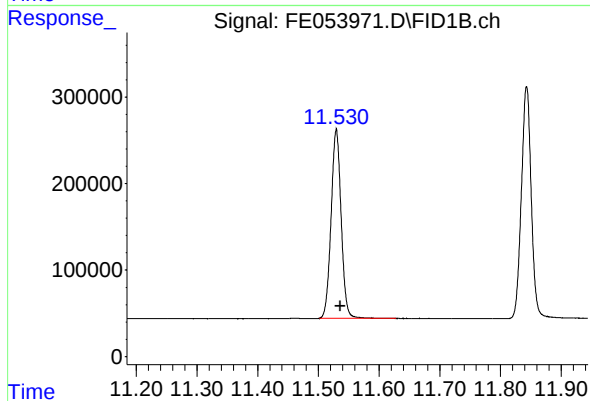
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 2492208
Conc: 18.47 ug/ml



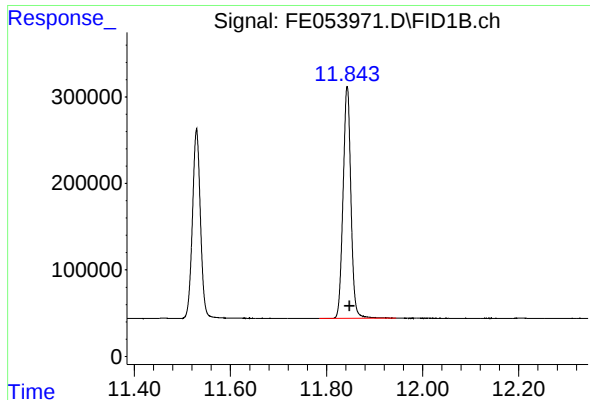
#7 n-Hexadecane (C16)

R.T.: 10.083 min
Delta R.T.: -0.007 min
Response: 2519404
Conc: 18.67 ug/ml



#8 n-Octadecane (C18)

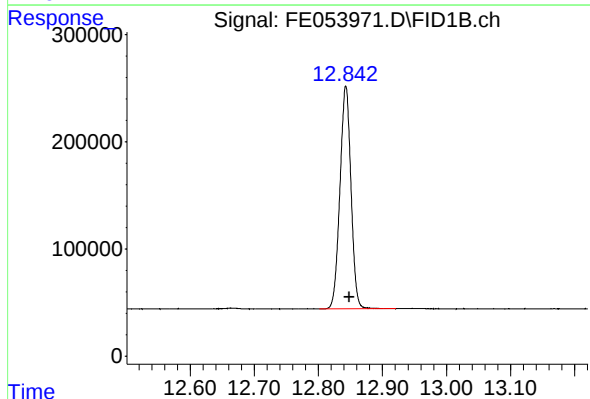
R.T.: 11.530 min
Delta R.T.: -0.006 min
Response: 2513187
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

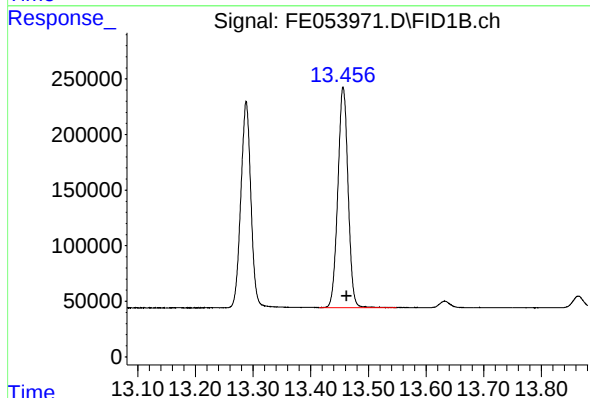
R.T.: 11.843 min
Delta R.T.: -0.006 min
Response: 3038674
Conc: 18.70 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



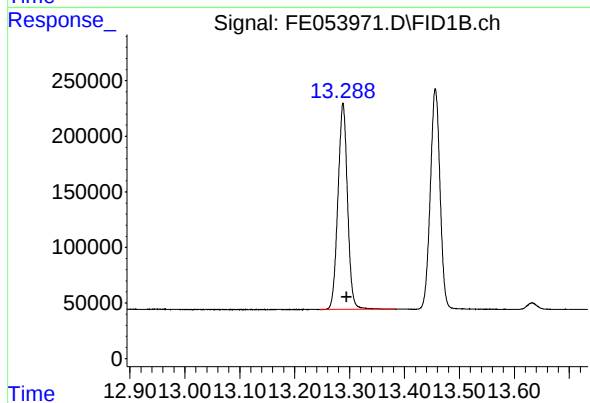
#10 n-Eicosane (C20)

R.T.: 12.843 min
Delta R.T.: -0.006 min
Response: 2467238
Conc: 18.77 ug/ml



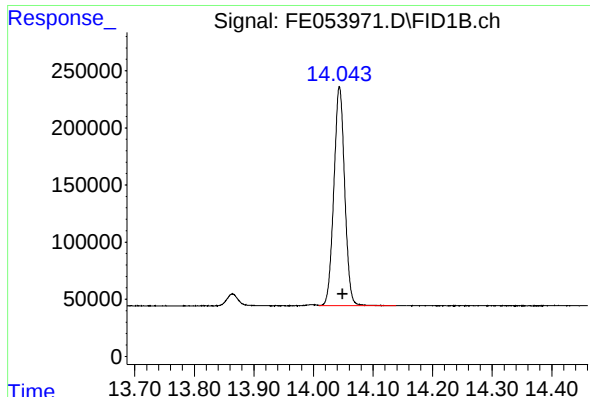
#11 n-Heneicosane (C21)

R.T.: 13.456 min
Delta R.T.: -0.006 min
Response: 2439928
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

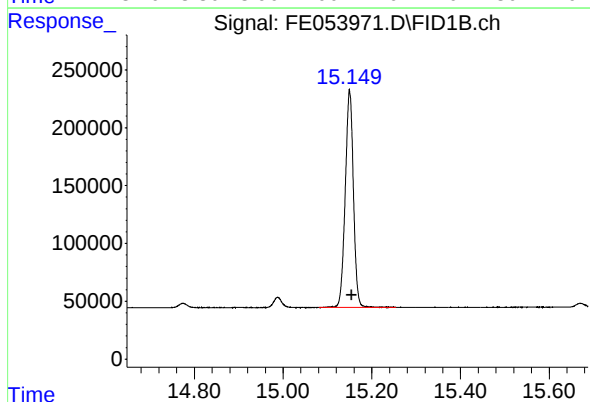
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 2246983
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

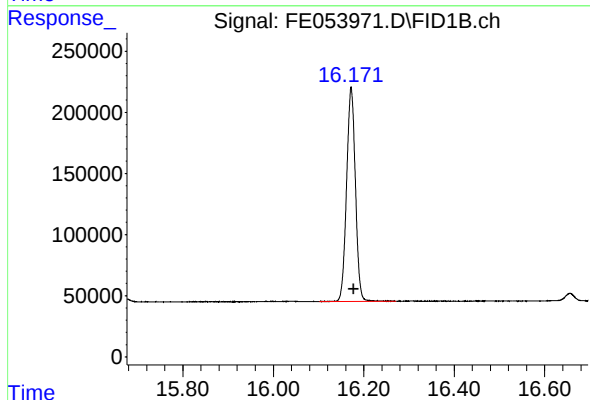
R.T.: 14.043 min
Delta R.T.: -0.006 min
Response: 2423384
Conc: 19.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



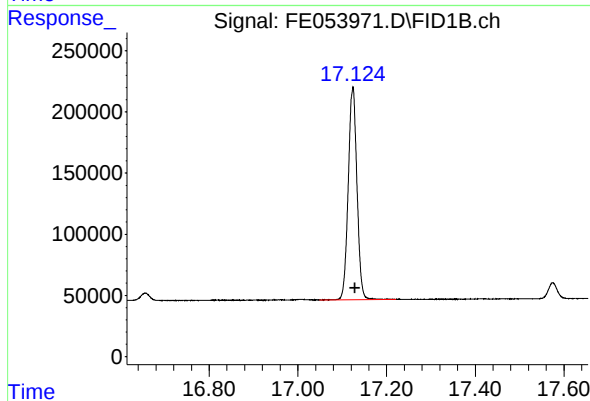
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.005 min
Response: 2406452
Conc: 19.23 ug/ml



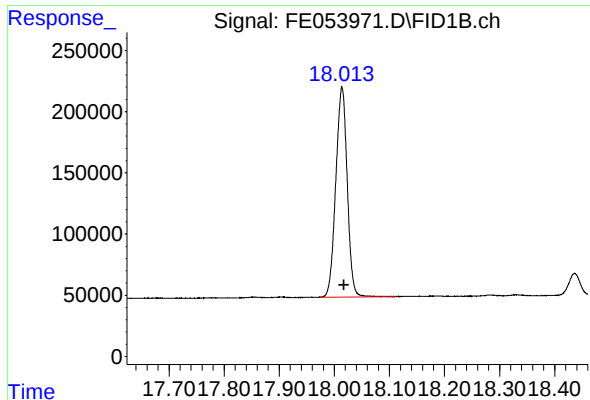
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 2367718
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

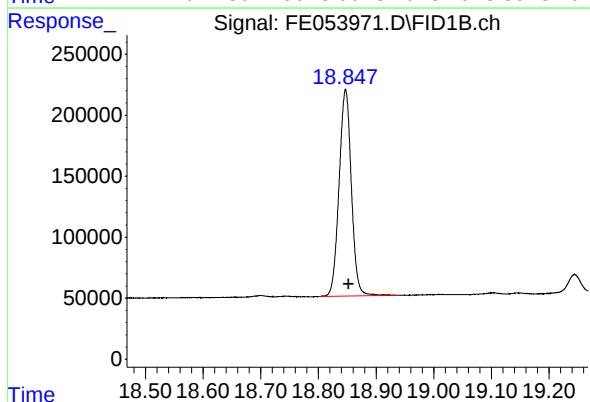
R.T.: 17.124 min
Delta R.T.: -0.005 min
Response: 2374531
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

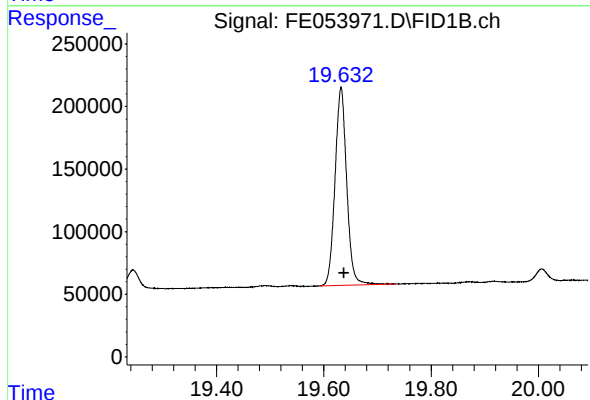
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 2479969
Conc: 19.91 ug/ml

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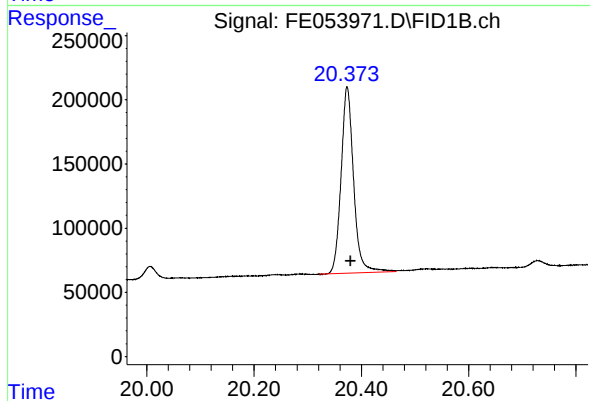
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 2503703
Conc: 20.02 ug/ml



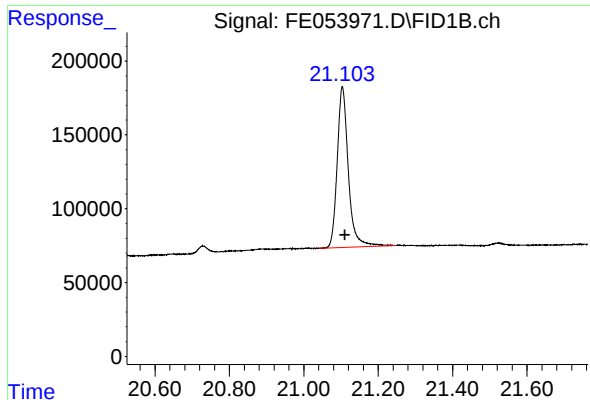
#19 n-Tetatriacontane (C34)

R.T.: 19.632 min
Delta R.T.: -0.006 min
Response: 2387273
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

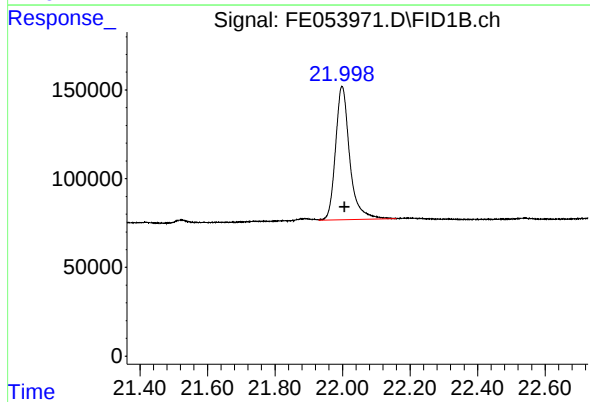
R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 2352702
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 2255591
Conc: 20.73 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.009 min
Response: 2187081
Conc: 22.04 ug/ml m