

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052225AL\
 Data File : FE053986.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2025 21:43
 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 01:33:12 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

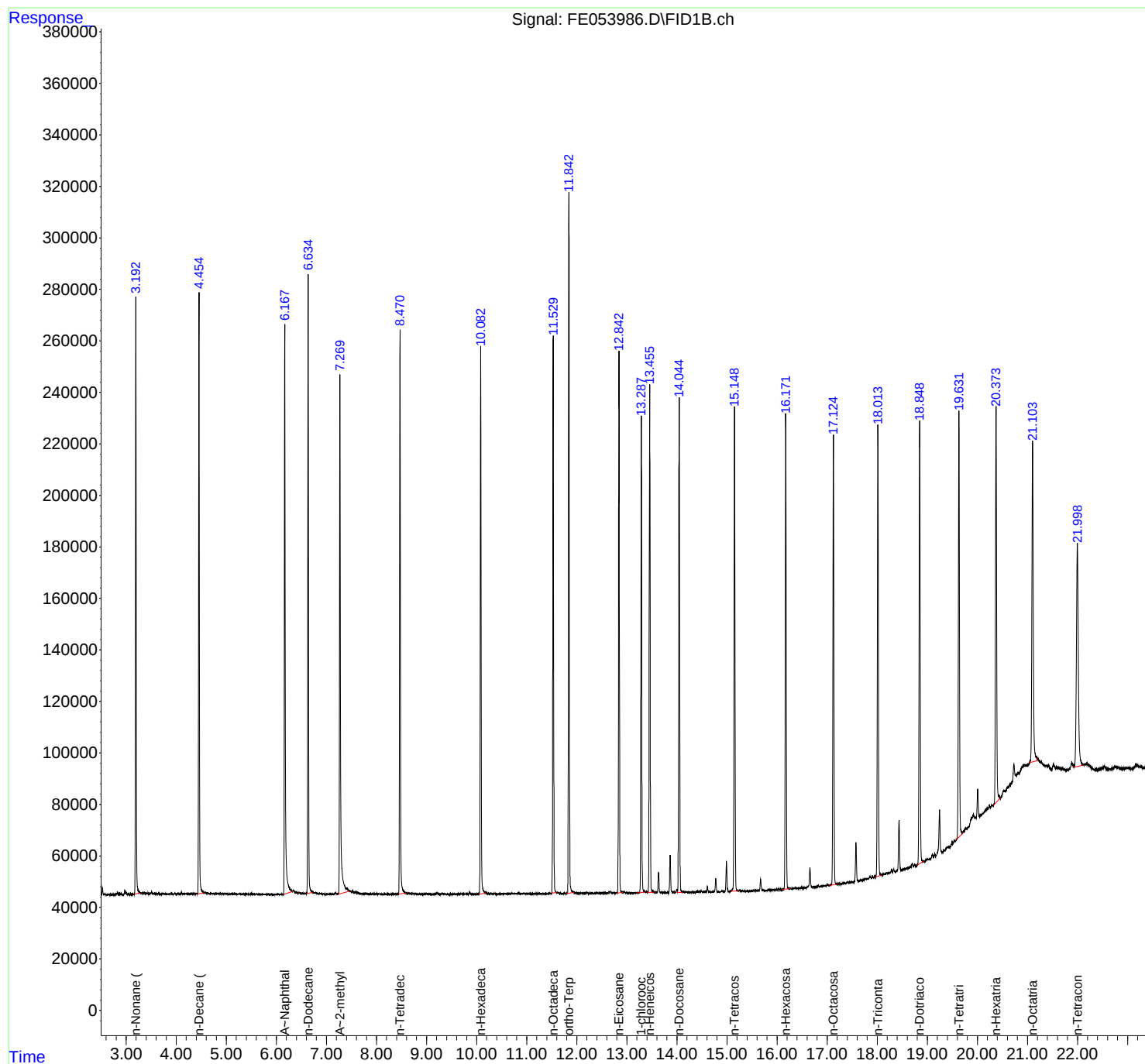
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.842	3080786	18.957 ug/ml
Spiked Amount 50.000		Recovery =	37.91%
12) S 1-chlorooctadecane (S...	13.288	2284903	19.274 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.193	2422483	17.924 ug/ml
2) T n-Decane (C10)	4.454	2461410	18.215 ug/ml
3) T A~Naphthalene (C11.7)	6.168	2643788	18.396 ug/ml
4) T n-Dodecane (C12)	6.635	2510687	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.270	2635188	18.998 ug/ml
6) T n-Tetradecane (C14)	8.470	2514325	18.632 ug/ml
7) T n-Hexadecane (C16)	10.082	2543599	18.851 ug/ml
8) T n-Octadecane (C18)	11.529	2537103	18.841 ug/ml
10) T n-Eicosane (C20)	12.842	2503154	19.046 ug/ml
11) T n-Heneicosane (C21)	13.455	2478407	19.117 ug/ml
13) T n-Docosane (C22)	14.044	2458928	19.274 ug/mlm
14) T n-Tetracosane (C24)	15.148	2451072	19.590 ug/ml
15) T n-Hexacosane (C26)	16.172	2417247	19.740 ug/ml
16) T n-Octacosane (C28)	17.124	2425307	19.951 ug/ml
17) T n-Tricontane (C30)	18.013	2535513	20.355 ug/mlm
18) T n-Dotriacontane (C32)	18.847	2565789	20.517 ug/ml
19) T n-Tetratriacontane (C34)	19.631	2437949	20.466 ug/ml
20) T n-Hexatriacontane (C36)	20.373	2407147	20.789 ug/ml
21) T n-Octatriacontane (C38)	21.103	2360396	21.690 ug/mlm
22) T n-Tetracontane (C40)	21.997	2274538	22.922 ug/ml

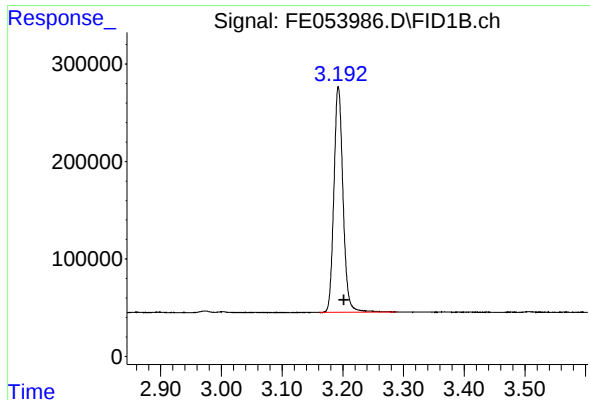
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

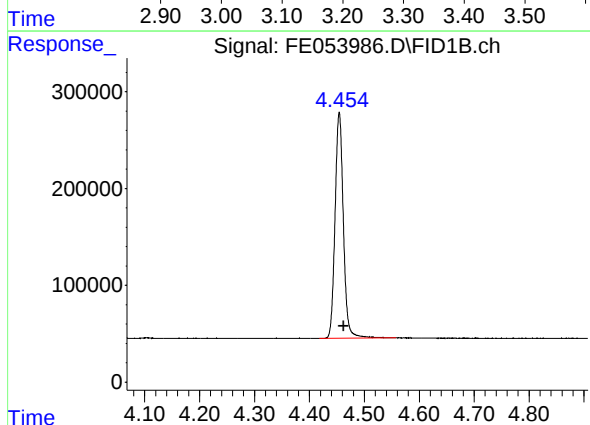




#1 n-Nonane (C9)

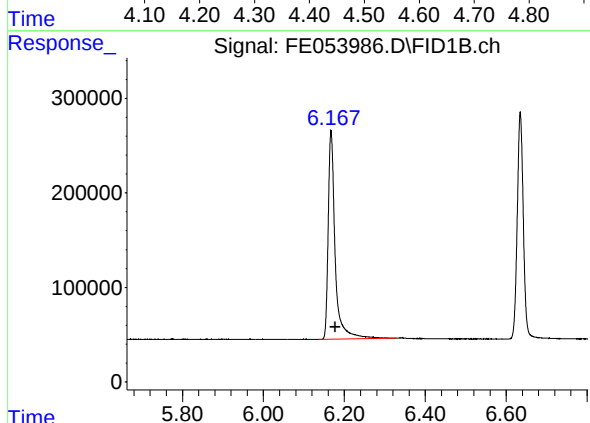
R.T.: 3.193 min
Delta R.T.: -0.009 min
Response: 2422483
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



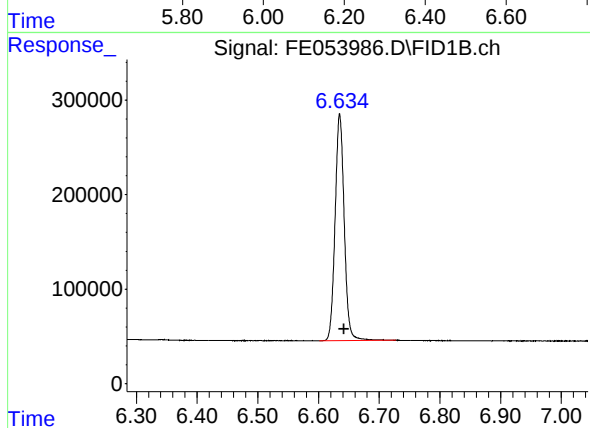
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: -0.008 min
Response: 2461410
Conc: 18.21 ug/ml



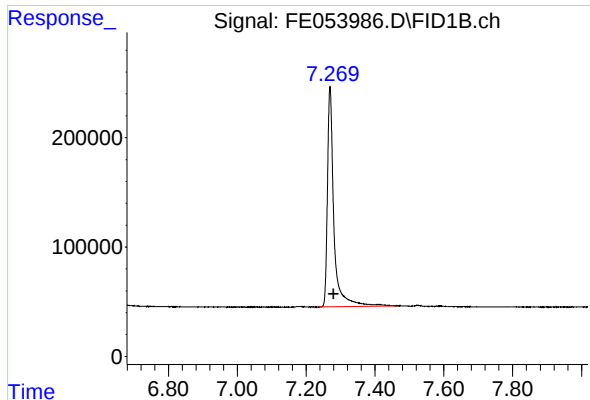
#3 A~Naphthalene (C11.7)

R.T.: 6.168 min
Delta R.T.: -0.011 min
Response: 2643788
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

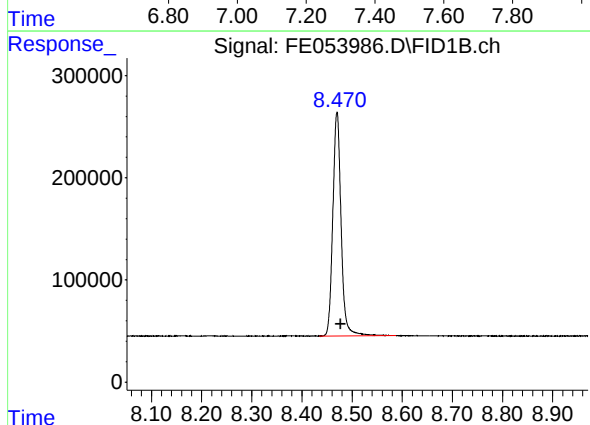
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 2510687
Conc: 18.41 ug/ml



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

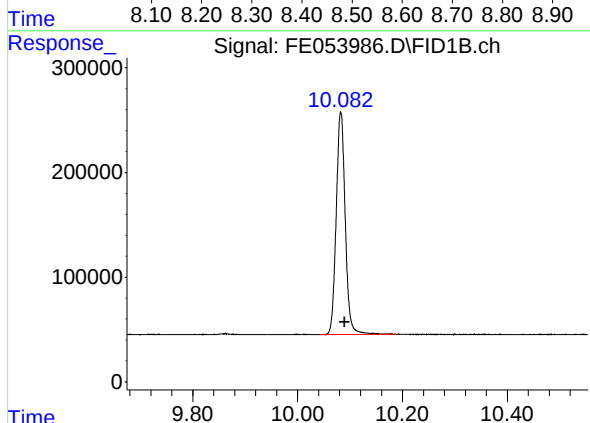
R.T.: 7.270 min
Delta R.T.: -0.011 min
Response: 2635188
Conc: 19.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



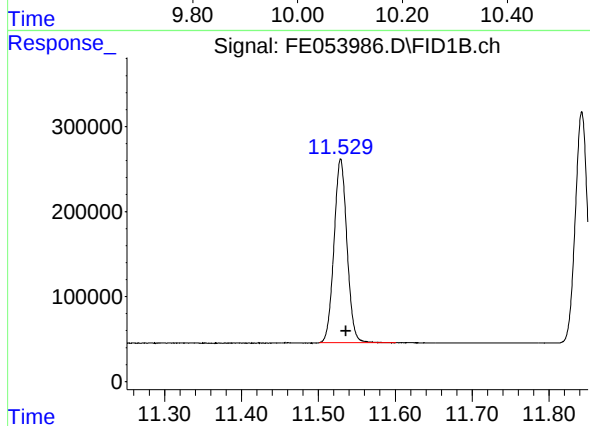
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 2514325
Conc: 18.63 ug/ml



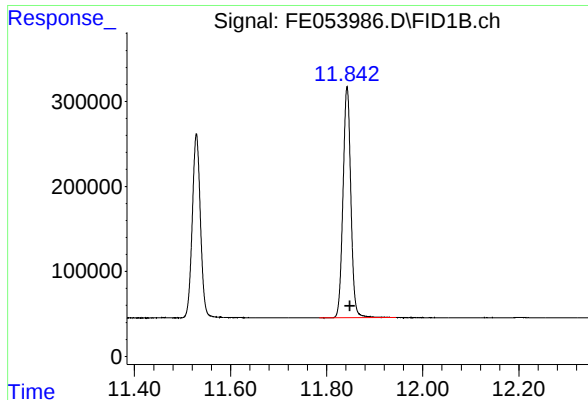
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.007 min
Response: 2543599
Conc: 18.85 ug/ml



#8 n-Octadecane (C18)

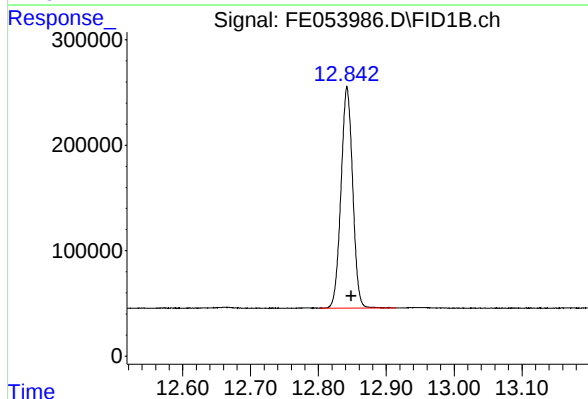
R.T.: 11.529 min
Delta R.T.: -0.007 min
Response: 2537103
Conc: 18.84 ug/ml



#9 ortho-Terphenyl (SURR)

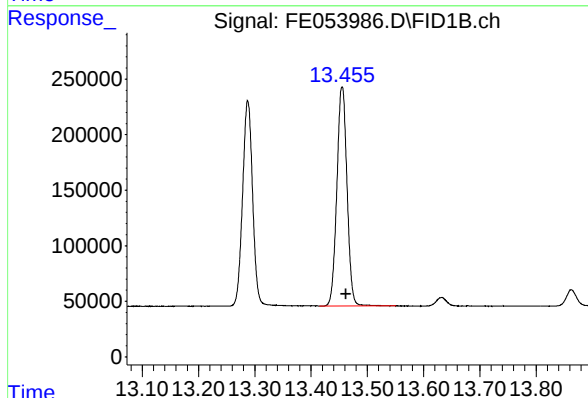
R.T.: 11.842 min
Delta R.T.: -0.006 min
Response: 3080786
Conc: 18.96 ug/ml

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20 PPM ALIPHATIC HC STD



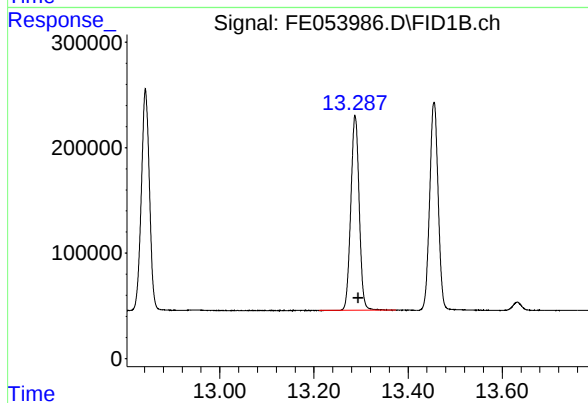
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.006 min
Response: 2503154
Conc: 19.05 ug/ml



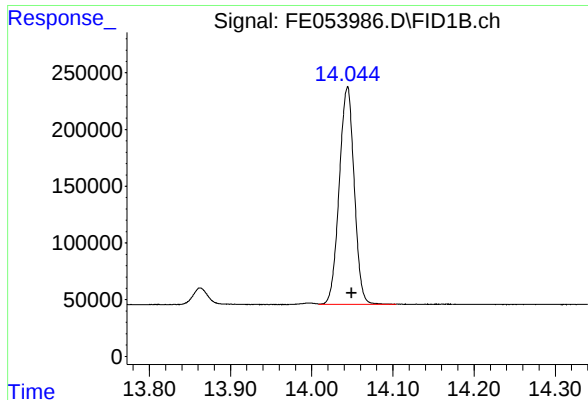
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 2478407
Conc: 19.12 ug/ml



#12 1-chlorooctadecane (SURR)

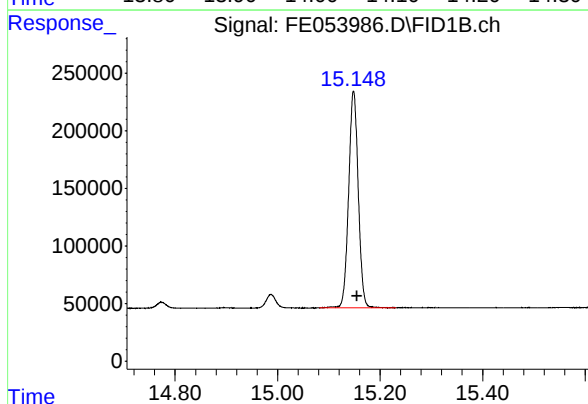
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 2284903
Conc: 19.27 ug/ml



#13 n-Docosane (C22)

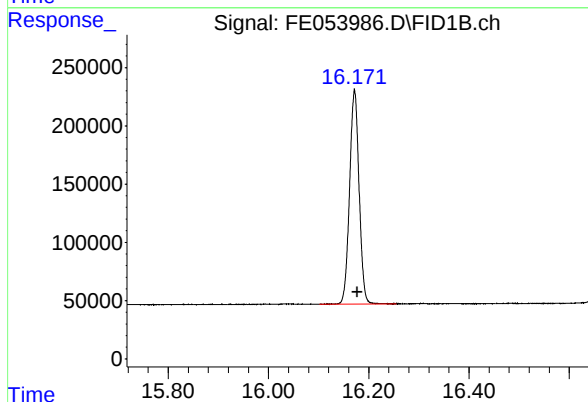
R.T.: 14.044 min
Delta R.T.: -0.005 min
Response: 2458928
Conc: 19.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



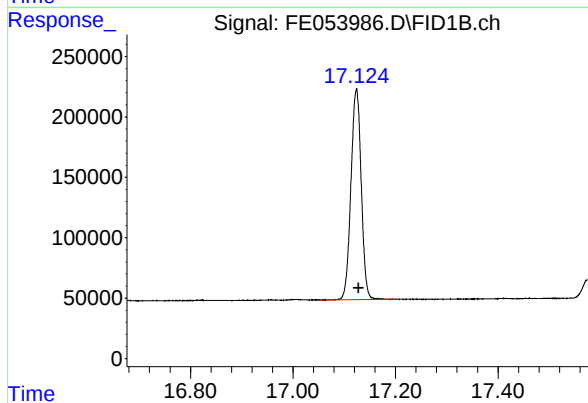
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.006 min
Response: 2451072
Conc: 19.59 ug/ml



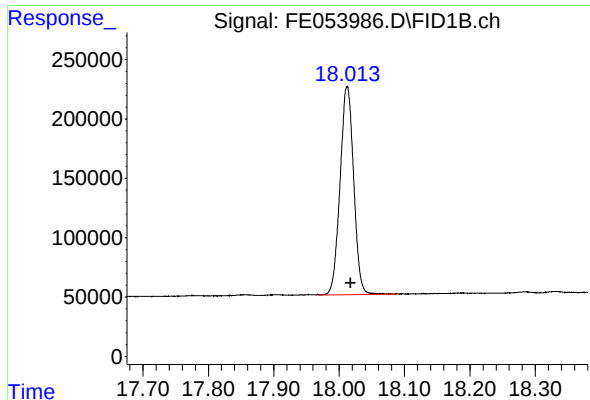
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 2417247
Conc: 19.74 ug/ml



#16 n-Octacosane (C28)

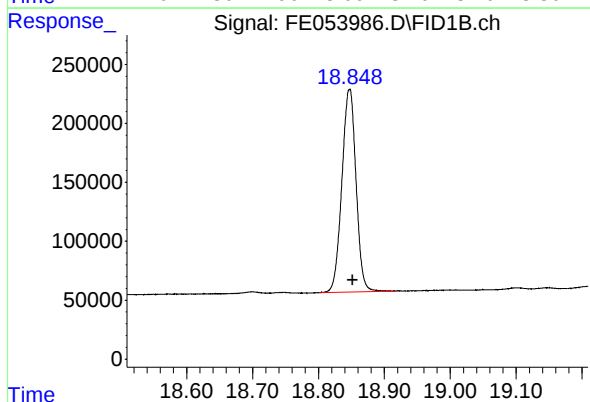
R.T.: 17.124 min
Delta R.T.: -0.005 min
Response: 2425307
Conc: 19.95 ug/ml



#17 n-Tricontane (C30)

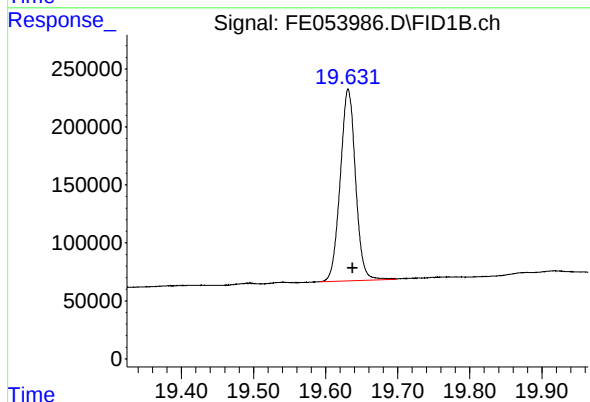
R.T.: 18.013 min
Delta R.T.: -0.005 min
Response: 2535513
Conc: 20.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



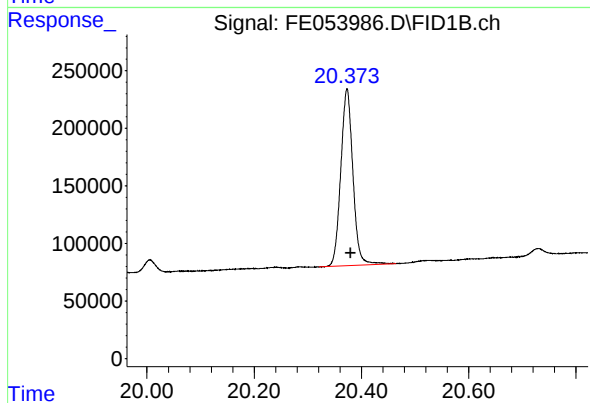
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.005 min
Response: 2565789
Conc: 20.52 ug/ml



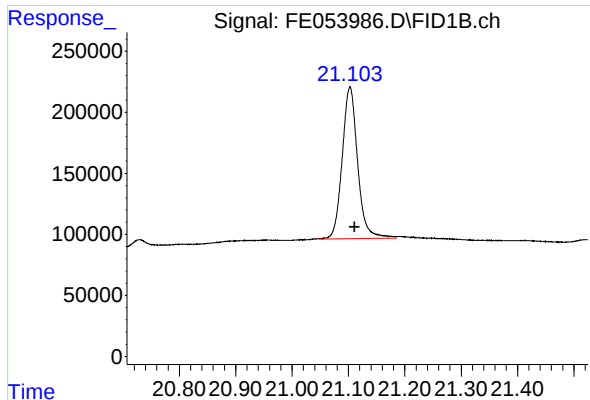
#19 n-Tetatriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.006 min
Response: 2437949
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

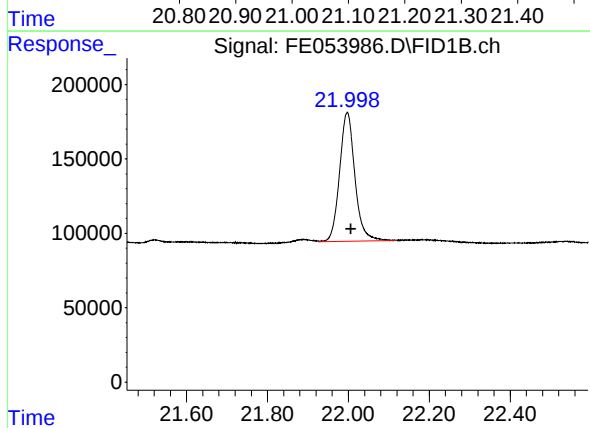
R.T.: 20.373 min
Delta R.T.: -0.007 min
Response: 2407147
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 2360396
Conc: 21.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 2274538
Conc: 22.92 ug/ml