

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042868.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2023 13:47
 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: Jun 25 05:08:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.917	3455472	18.810 ug/ml
Spiked Amount 50.000		Recovery =	37.62%
12) S 1-chlorooctadecane (S...	13.354	2567053	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.297	2864688	18.545 ug/ml
2) T n-Decane (C10)	4.549	2920506	18.489 ug/ml
3) T A~Naphthalene (C11.7)	6.257	3164490	18.689 ug/ml
4) T n-Dodecane (C12)	6.718	2953193	18.450 ug/ml
5) T A~2-methylnaphthalene...	7.355	3026462	18.666 ug/ml
6) T n-Tetradecane (C14)	8.547	2938955	18.466 ug/ml
7) T n-Hexadecane (C16)	10.155	3057323	18.563 ug/ml
8) T n-Octadecane (C18)	11.599	3098907	18.644 ug/ml
10) T n-Eicosane (C20)	12.909	2981917	18.792 ug/ml
11) T n-Heneicosane (C21)	13.520	2916004	18.848 ug/ml
13) T n-Docosane (C22)	14.106	2876758	18.885 ug/ml
14) T n-Tetracosane (C24)	15.209	2808504	18.929 ug/ml
15) T n-Hexacosane (C26)	16.230	2701110	18.894 ug/ml
16) T n-Octacosane (C28)	17.179	2594719	18.708 ug/ml
17) T n-Tricontane (C30)	18.067	2610655	18.459 ug/ml
18) T n-Dotriacontane (C32)	18.899	2567949	18.309 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2519277	18.410 ug/ml
20) T n-Hexatriacontane (C36)	20.423	2462676	18.414 ug/ml
21) T n-Octatriacontane (C38)	21.165	2480975	18.197 ug/ml
22) T n-Tetracontane (C40)	22.083	2577187	18.524 ug/ml

(f)=RT Delta > 1/2 Window

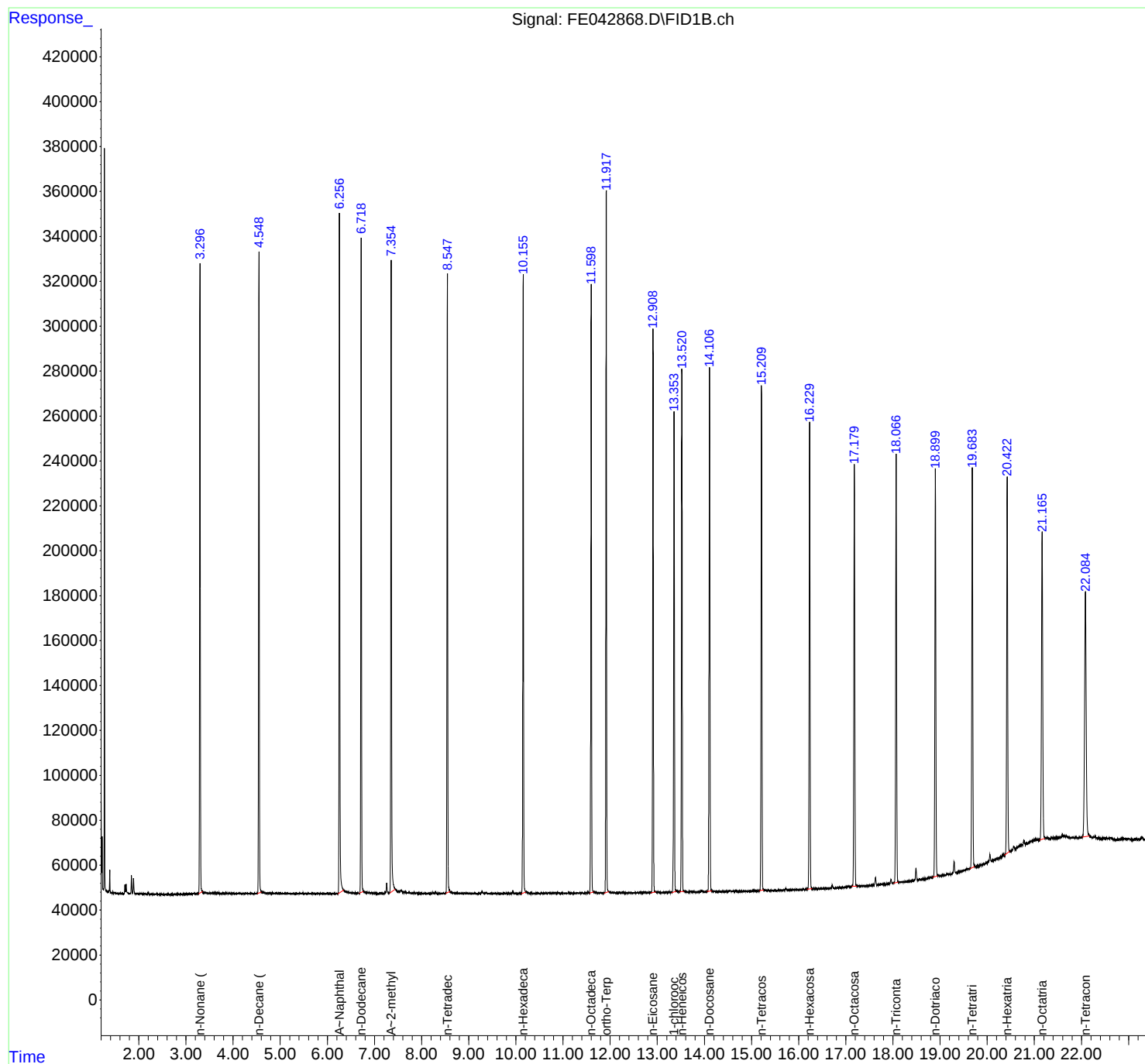
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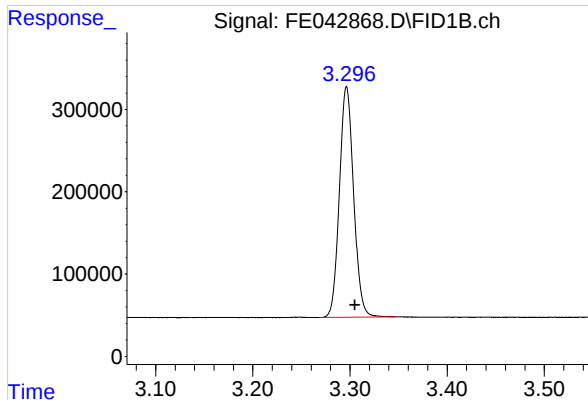
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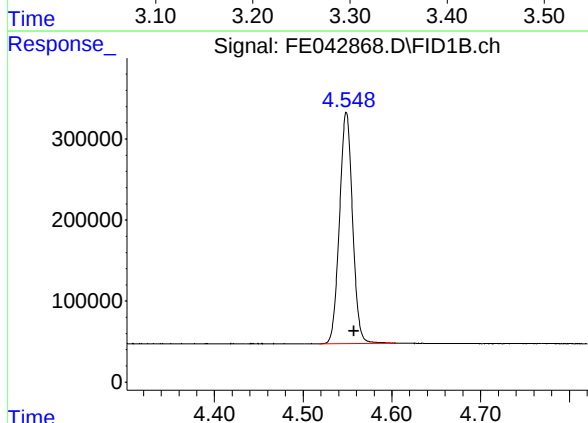




#1 n-Nonane (C9)

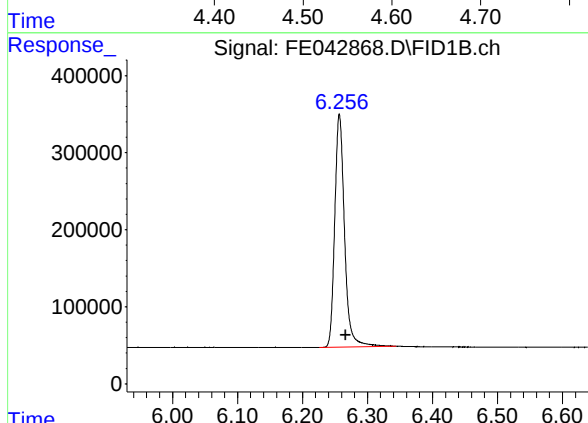
R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 2864688
Conc: 18.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



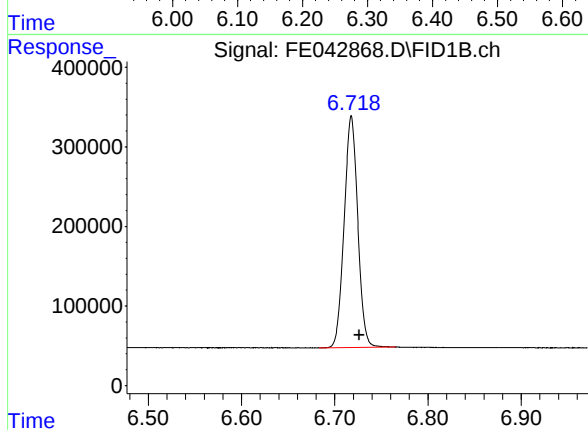
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.008 min
Response: 2920506
Conc: 18.49 ug/ml



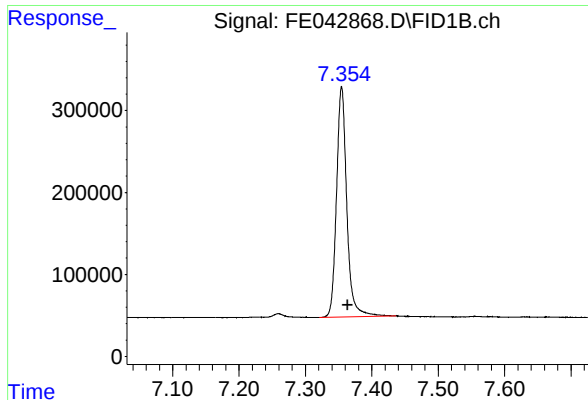
#3 A~Naphthalene (C11.7)

R.T.: 6.257 min
Delta R.T.: -0.010 min
Response: 3164490
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

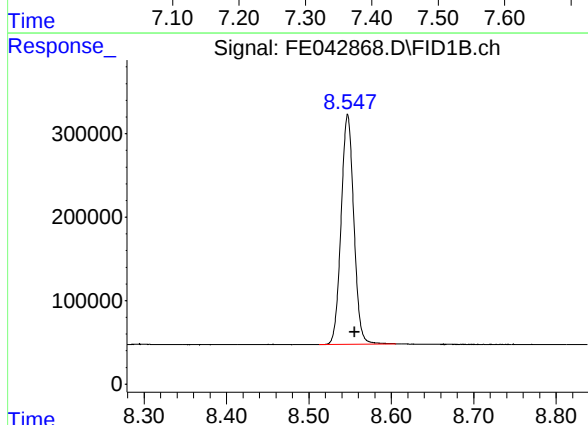
R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 2953193
Conc: 18.45 ug/ml



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

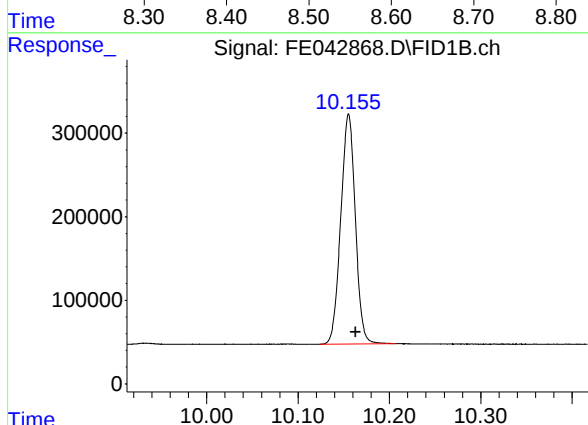
R.T.: 7.355 min
Delta R.T.: -0.009 min
Response: 3026462
Conc: 18.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



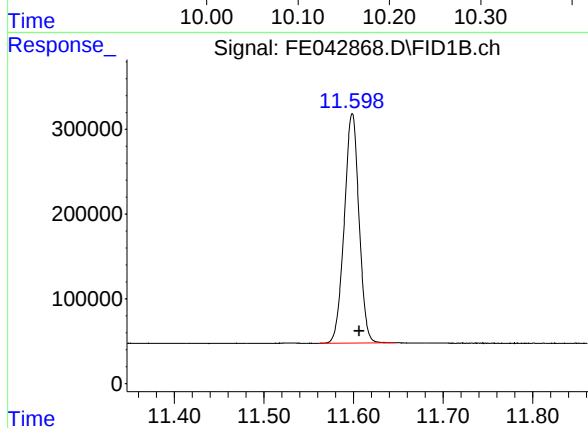
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: -0.008 min
Response: 2938955
Conc: 18.47 ug/ml



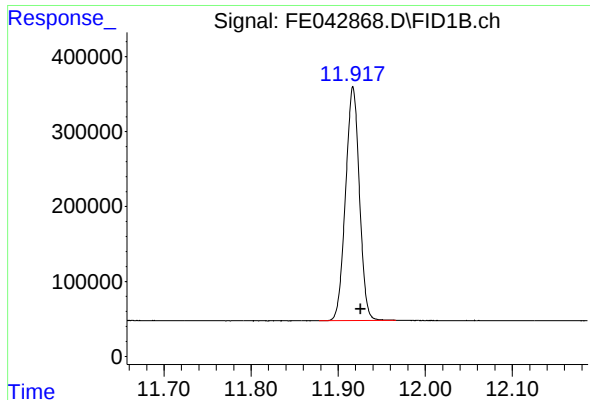
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.008 min
Response: 3057323
Conc: 18.56 ug/ml



#8 n-Octadecane (C18)

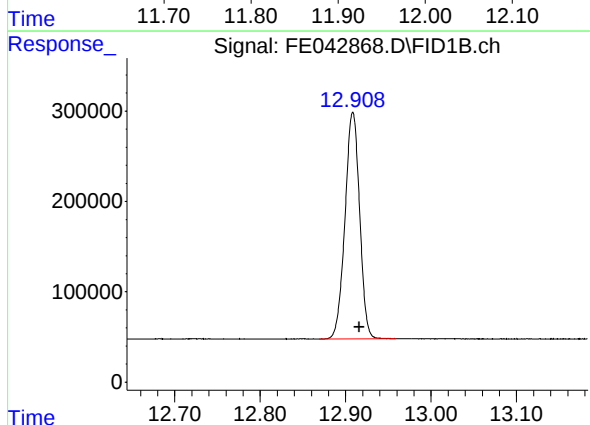
R.T.: 11.599 min
Delta R.T.: -0.008 min
Response: 3098907
Conc: 18.64 ug/ml



#9 ortho-Terphenyl (SURR)

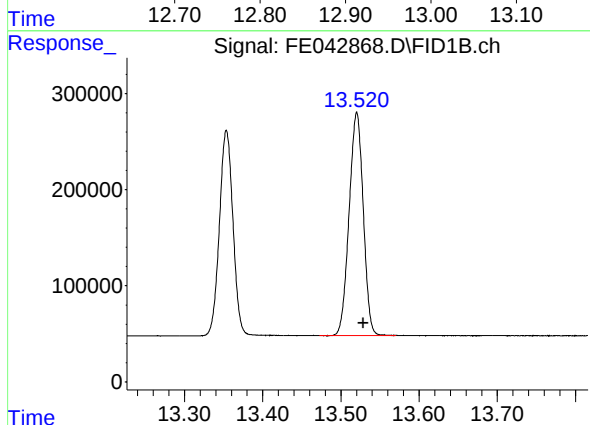
R.T.: 11.917 min
Delta R.T.: -0.009 min
Response: 3455472
Conc: 18.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



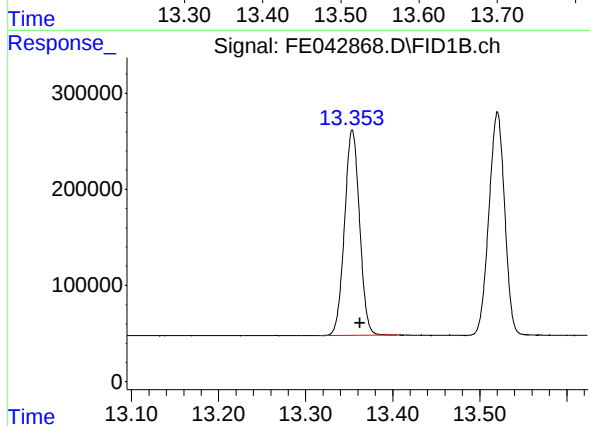
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: -0.008 min
Response: 2981917
Conc: 18.79 ug/ml



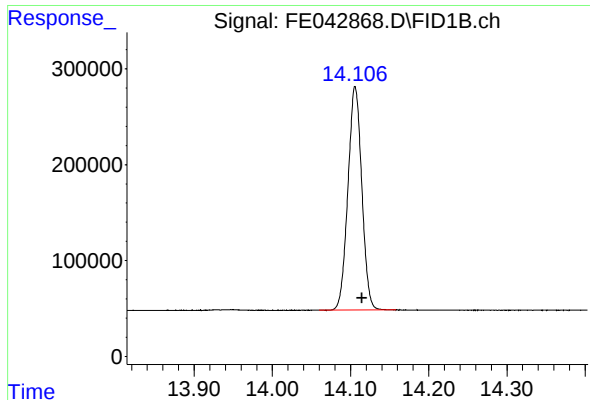
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: -0.008 min
Response: 2916004
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

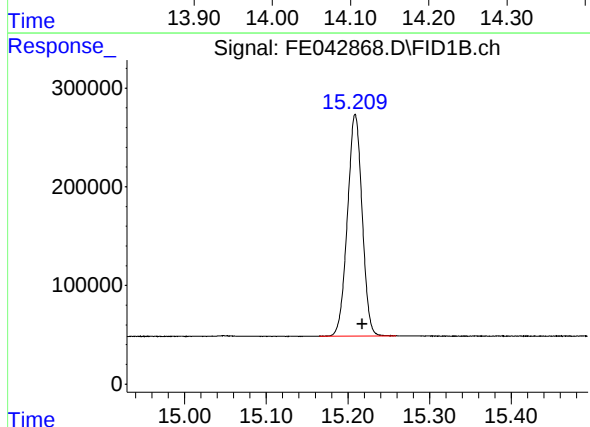
R.T.: 13.354 min
Delta R.T.: -0.009 min
Response: 2567053
Conc: 18.86 ug/ml



#13 n-Docosane (C22)

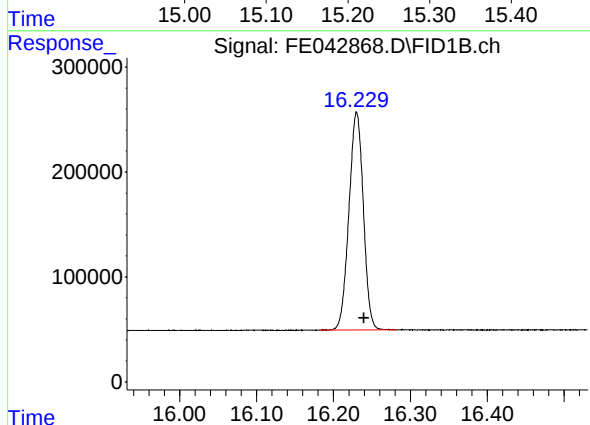
R.T.: 14.106 min
Delta R.T.: -0.009 min
Response: 2876758
Conc: 18.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



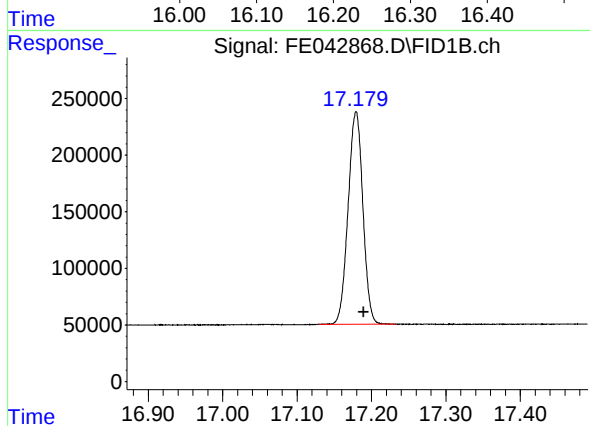
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.009 min
Response: 2808504
Conc: 18.93 ug/ml



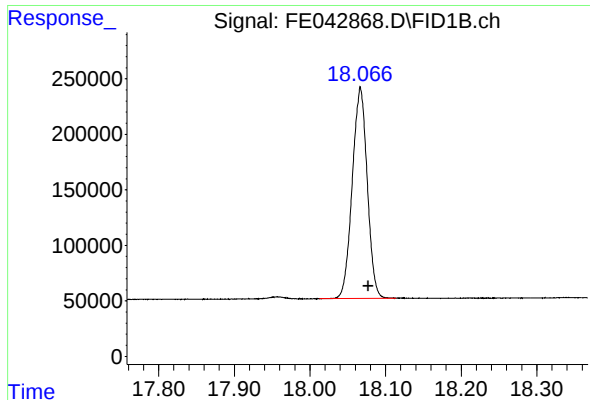
#15 n-Hexacosane (C26)

R.T.: 16.230 min
Delta R.T.: -0.010 min
Response: 2701110
Conc: 18.89 ug/ml



#16 n-Octacosane (C28)

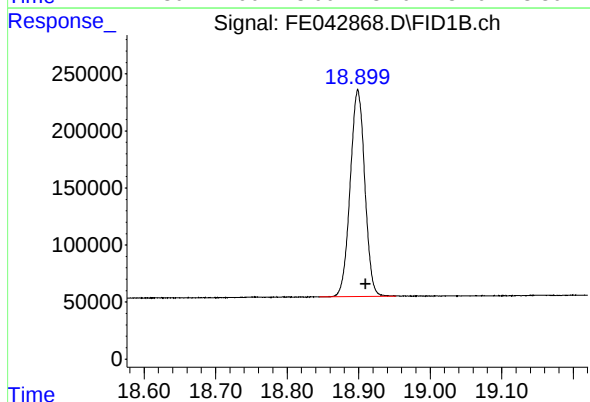
R.T.: 17.179 min
Delta R.T.: -0.010 min
Response: 2594719
Conc: 18.71 ug/ml



#17 n-Tricontane (C30)

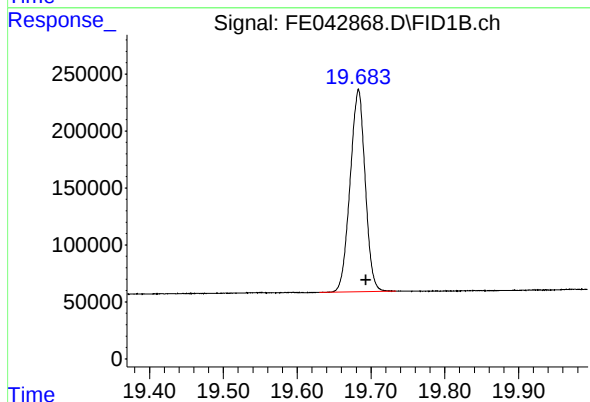
R.T.: 18.067 min
Delta R.T.: -0.010 min
Response: 2610655
Conc: 18.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



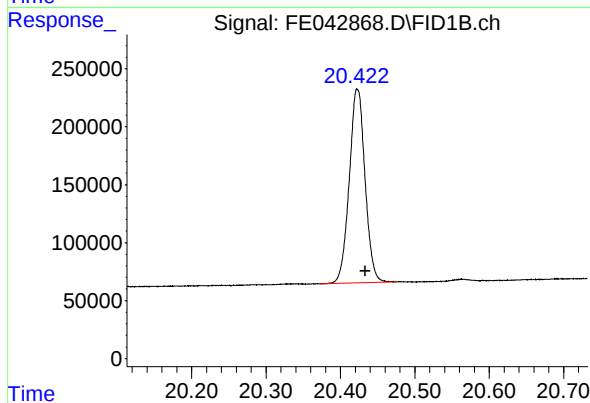
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: -0.011 min
Response: 2567949
Conc: 18.31 ug/ml



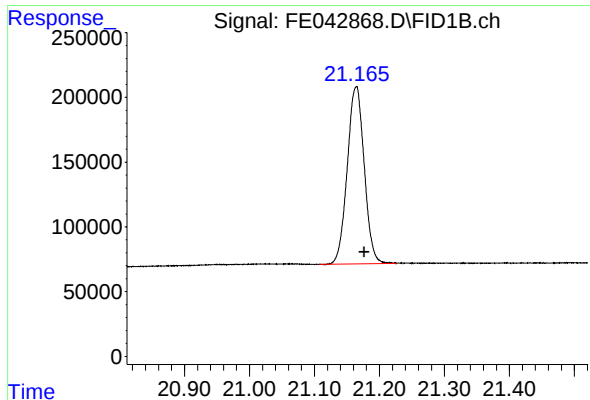
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.010 min
Response: 2519277
Conc: 18.41 ug/ml



#20 n-Hexatriacontane (C36)

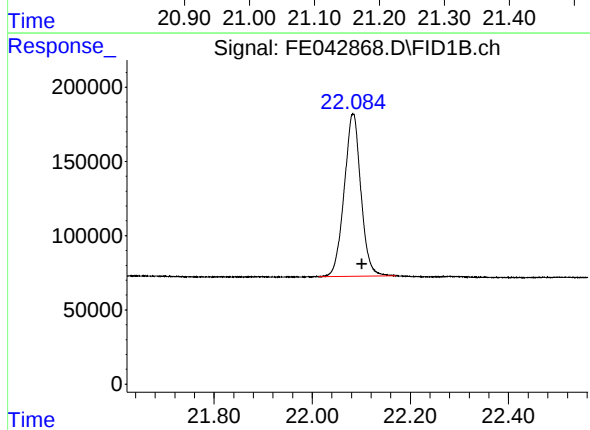
R.T.: 20.423 min
Delta R.T.: -0.010 min
Response: 2462676
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.012 min
Response: 2480975
Conc: 18.20 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: -0.018 min
Response: 2577187
Conc: 18.52 ug/ml