

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062423AL\
 Data File : FE042888.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2023 01:41
 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 05:10:44 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)	11.923	3347384	18.222 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	13.359	2478608	18.213 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.298	2852271	18.465 ug/ml
2) T n-Decane (C10)	4.551	2907381	18.406 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3141844	18.555 ug/ml
4) T n-Dodecane (C12)	6.722	2946238	18.406 ug/ml
5) T A~2-methylnaphthalene...	7.359	3006644	18.544 ug/ml
6) T n-Tetradecane (C14)	8.551	2937996	18.460 ug/ml
7) T n-Hexadecane (C16)	10.159	3033162	18.416 ug/ml
8) T n-Octadecane (C18)	11.603	3052496	18.364 ug/ml
10) T n-Eicosane (C20)	12.913	2902100	18.289 ug/ml
11) T n-Heneicosane (C21)	13.525	2819526	18.224 ug/ml
13) T n-Docosane (C22)	14.111	2769826	18.183 ug/ml
14) T n-Tetracosane (C24)	15.215	2691363	18.139 ug/ml
15) T n-Hexacosane (C26)	16.237	2577850	18.032 ug/ml
16) T n-Octacosane (C28)	17.187	2502683	18.044 ug/ml
17) T n-Tricontane (C30)	18.075	2558942	18.093 ug/ml
18) T n-Dotriacontane (C32)	18.906	2545187	18.146 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2511393	18.352 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2483503	18.570 ug/ml
21) T n-Octatriacontane (C38)	21.174	2520015	18.483 ug/ml
22) T n-Tetracontane (C40)	22.098	2588886	18.608 ug/ml

(f)=RT Delta > 1/2 Window

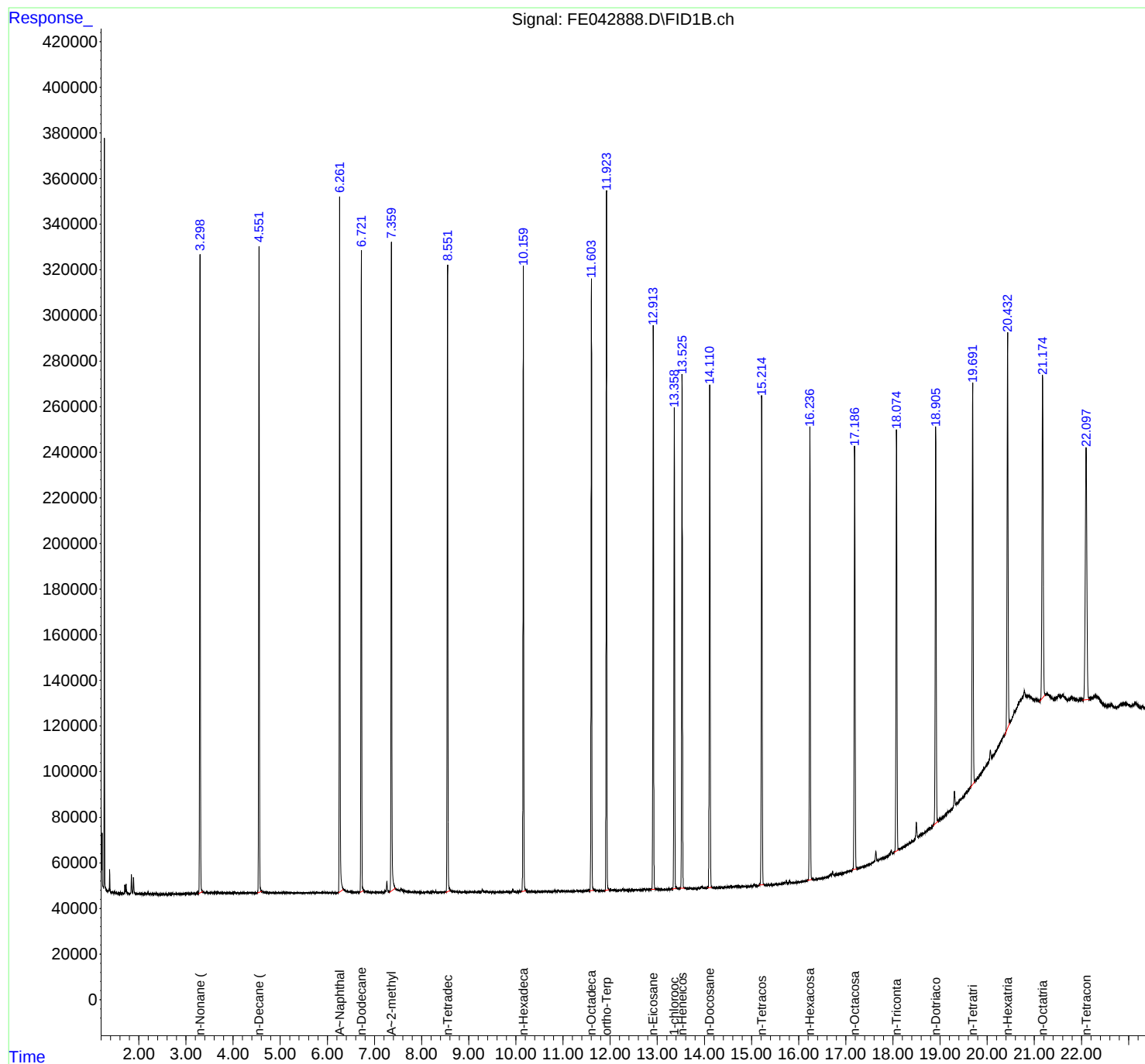
(m)=manual int.

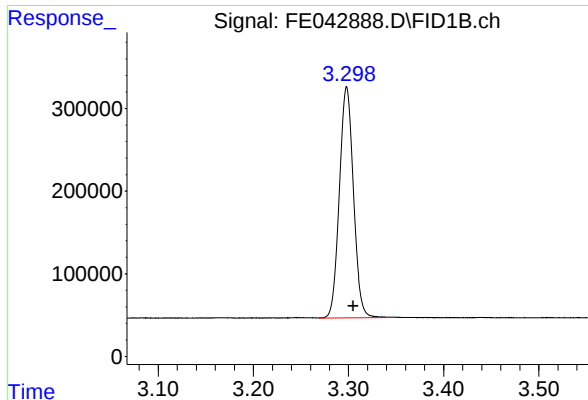
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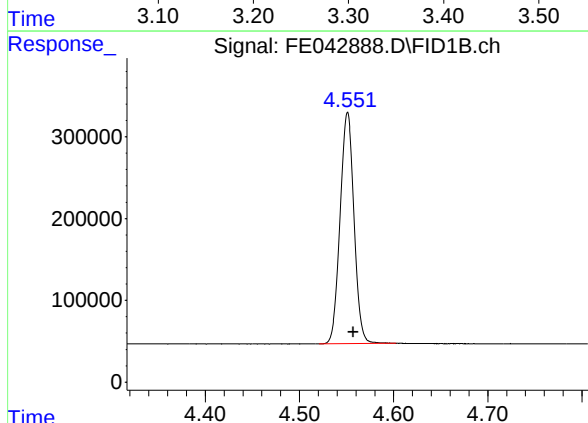




#1 n-Nonane (C9)

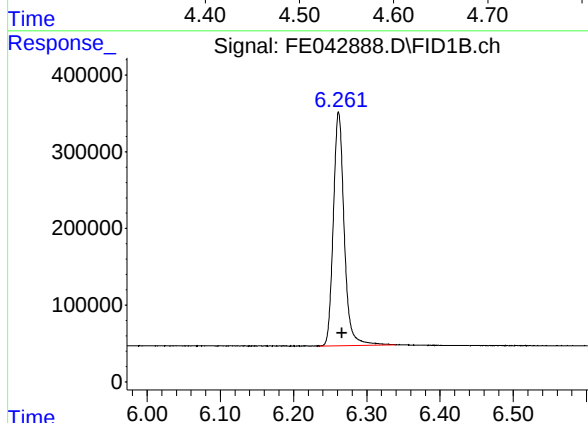
R.T.: 3.298 min
Delta R.T.: -0.007 min
Response: 2852271
Conc: 18.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



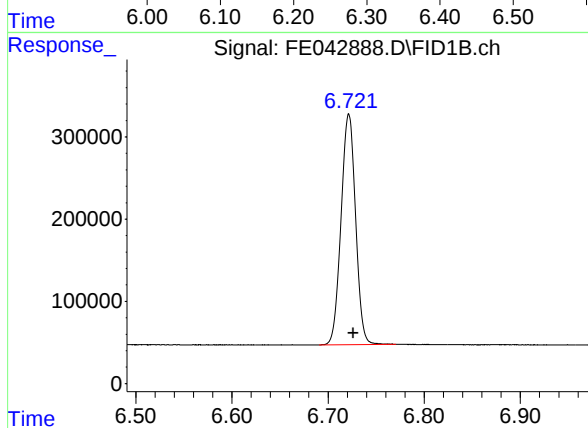
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 2907381
Conc: 18.41 ug/ml



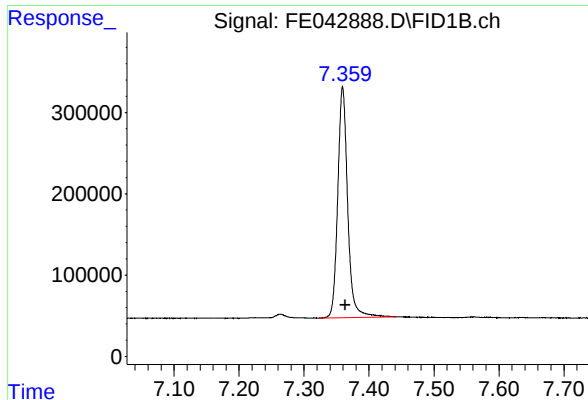
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 3141844
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

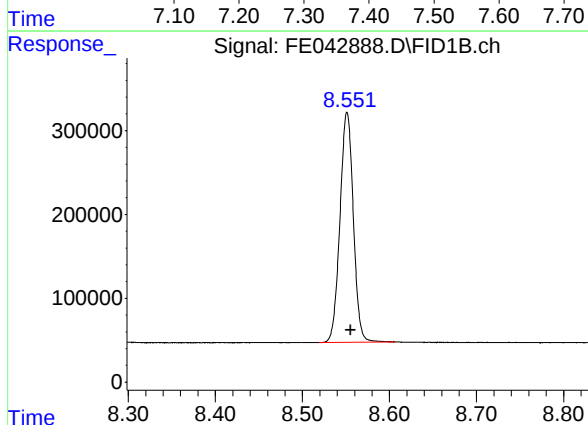
R.T.: 6.722 min
Delta R.T.: -0.005 min
Response: 2946238
Conc: 18.41 ug/ml



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

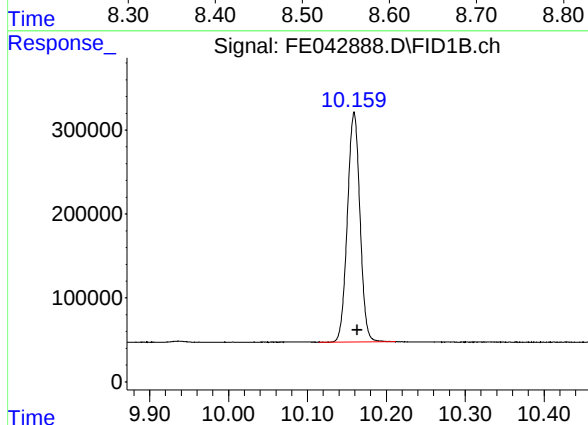
R.T.: 7.359 min
Delta R.T.: -0.004 min
Response: 3006644
Conc: 18.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



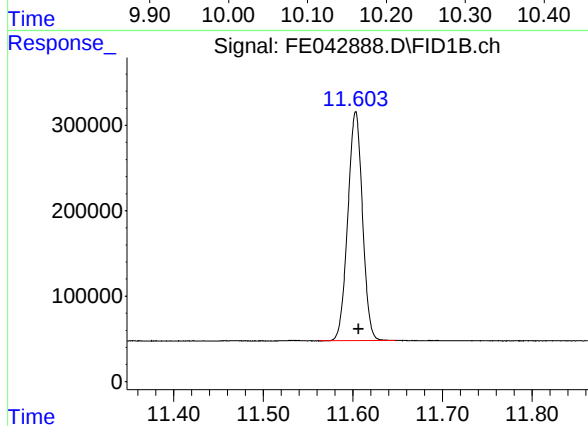
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 2937996
Conc: 18.46 ug/ml



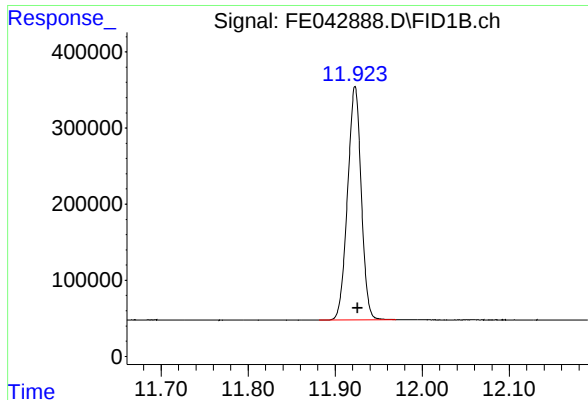
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.004 min
Response: 3033162
Conc: 18.42 ug/ml



#8 n-Octadecane (C18)

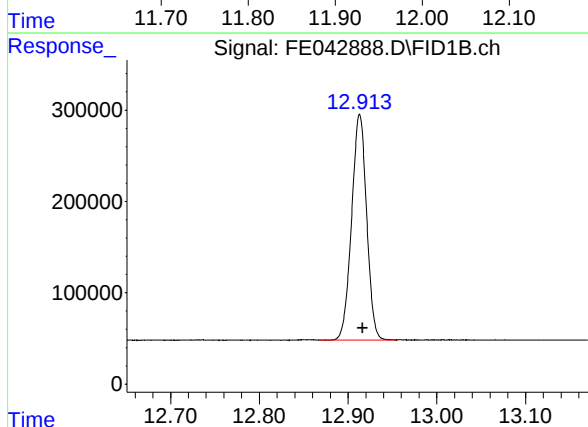
R.T.: 11.603 min
Delta R.T.: -0.004 min
Response: 3052496
Conc: 18.36 ug/ml



#9 ortho-Terphenyl (SURR)

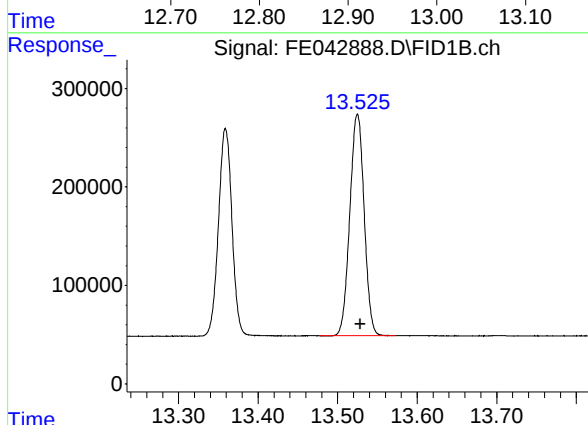
R.T.: 11.923 min
Delta R.T.: -0.003 min
Response: 3347384
Conc: 18.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



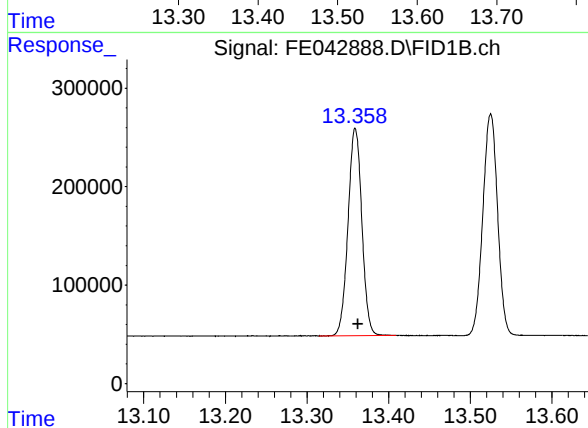
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.003 min
Response: 2902100
Conc: 18.29 ug/ml



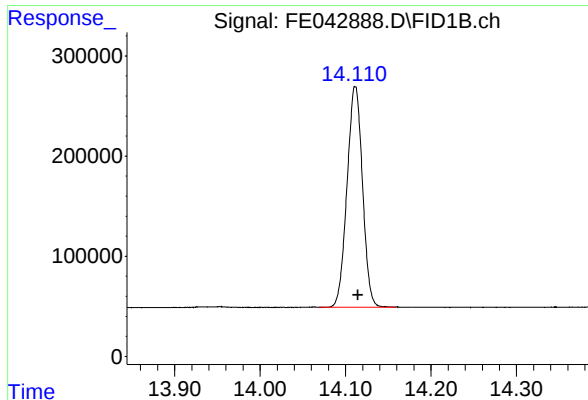
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.003 min
Response: 2819526
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

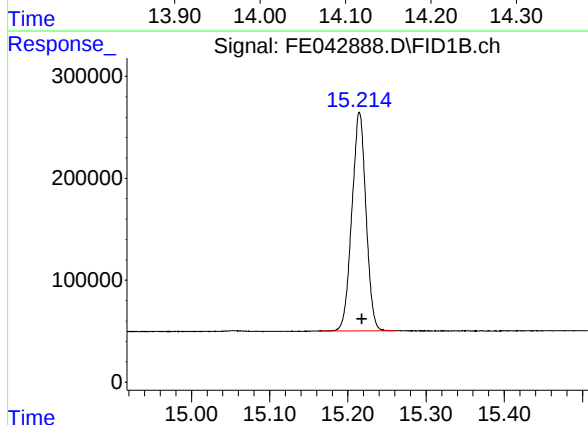
R.T.: 13.359 min
Delta R.T.: -0.004 min
Response: 2478608
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

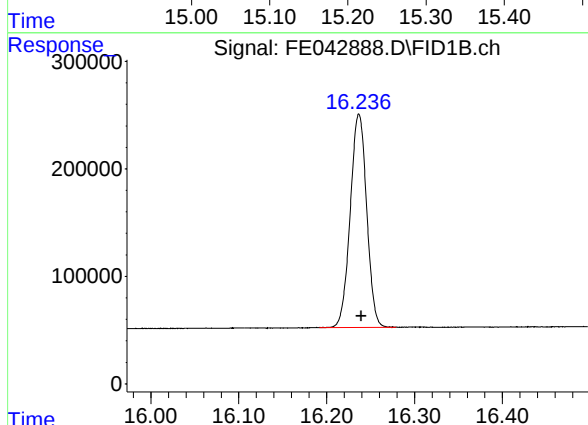
R.T.: 14.111 min
Delta R.T.: -0.003 min
Response: 2769826
Conc: 18.18 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



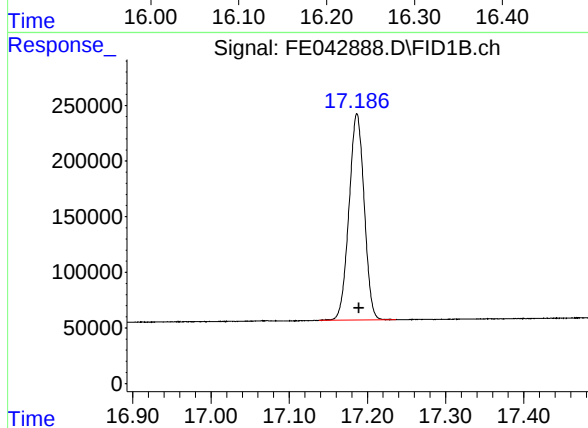
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 2691363
Conc: 18.14 ug/ml



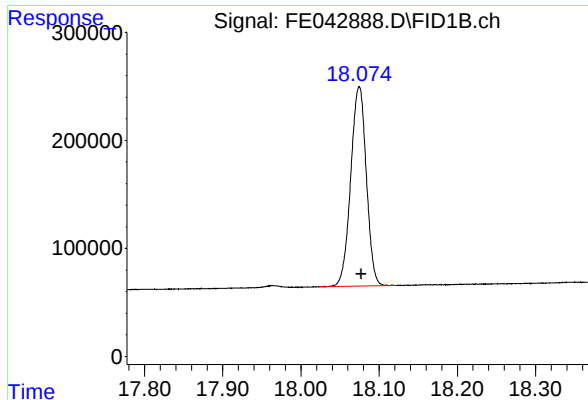
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 2577850
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

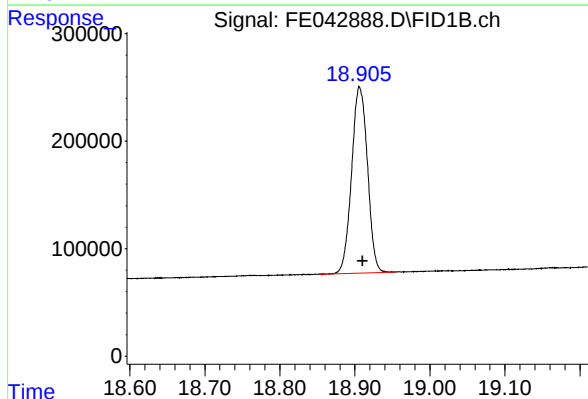
R.T.: 17.187 min
Delta R.T.: -0.003 min
Response: 2502683
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

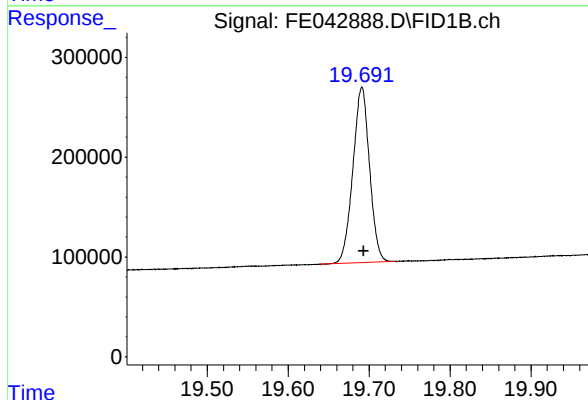
R.T.: 18.075 min
Delta R.T.: -0.003 min
Response: 2558942
Conc: 18.09 ug/ml

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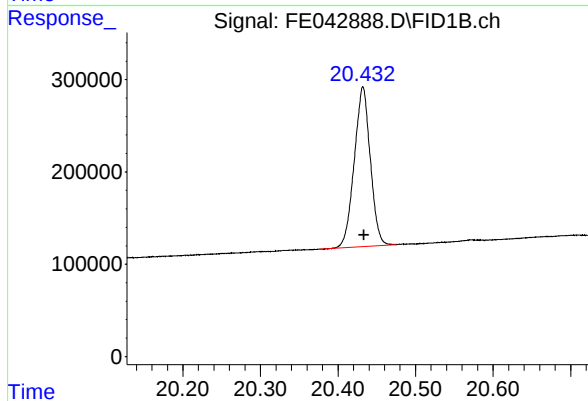
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.004 min
Response: 2545187
Conc: 18.15 ug/ml



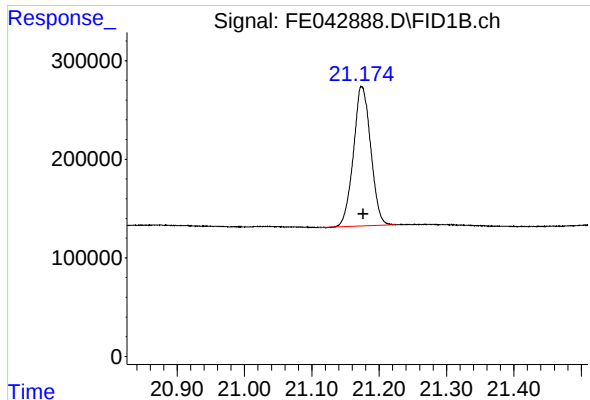
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.002 min
Response: 2511393
Conc: 18.35 ug/ml



#20 n-Hexatriacontane (C36)

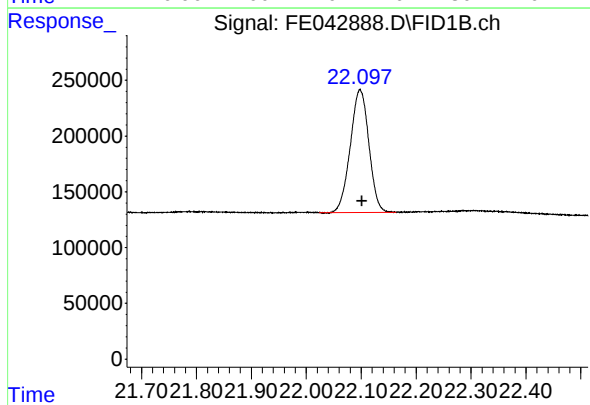
R.T.: 20.432 min
Delta R.T.: -0.001 min
Response: 2483503
Conc: 18.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: -0.002 min
Response: 2520015
Conc: 18.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.004 min
Response: 2588886
Conc: 18.61 ug/ml