

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090823AL\
 Data File : FE044176.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2023 01:29
 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: Sep 09 06:18:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.930	3613982	19.076 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
12) S 1-chlorooctadecane (S...	13.368	2727324	19.742 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.320	2960285	18.147 ug/ml
2) T n-Decane (C10)	4.571	3027049	18.212 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3277368	18.302 ug/ml
4) T n-Dodecane (C12)	6.734	3063153	18.214 ug/ml
5) T A~2-methylnaphthalene...	7.366	3196505	18.646 ug/ml
6) T n-Tetradecane (C14)	8.561	3074446	18.332 ug/ml
7) T n-Hexadecane (C16)	10.168	3129338	18.106 ug/ml
8) T n-Octadecane (C18)	11.613	3142511	18.053 ug/ml
10) T n-Eicosane (C20)	12.923	3049664	18.437 ug/ml
11) T n-Heneicosane (C21)	13.536	2991768	18.496 ug/ml
13) T n-Docosane (C22)	14.122	2972461	18.606 ug/ml
14) T n-Tetracosane (C24)	15.226	2933554	18.759 ug/ml
15) T n-Hexacosane (C26)	16.247	2853577	18.929 ug/ml
16) T n-Octacosane (C28)	17.197	2819299	19.536 ug/ml
17) T n-Tricontane (C30)	18.086	2929678	20.166 ug/ml
18) T n-Dotriacontane (C32)	18.919	2957920	20.765 ug/ml
19) T n-Tetratriacontane (C34)	19.705	2797388	19.990 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2708158	19.754 ug/ml
21) T n-Octatriacontane (C38)	21.187	2684081	19.336 ug/ml
22) T n-Tetracontane (C40)	22.108	2737644	19.800 ug/ml

(f)=RT Delta > 1/2 Window

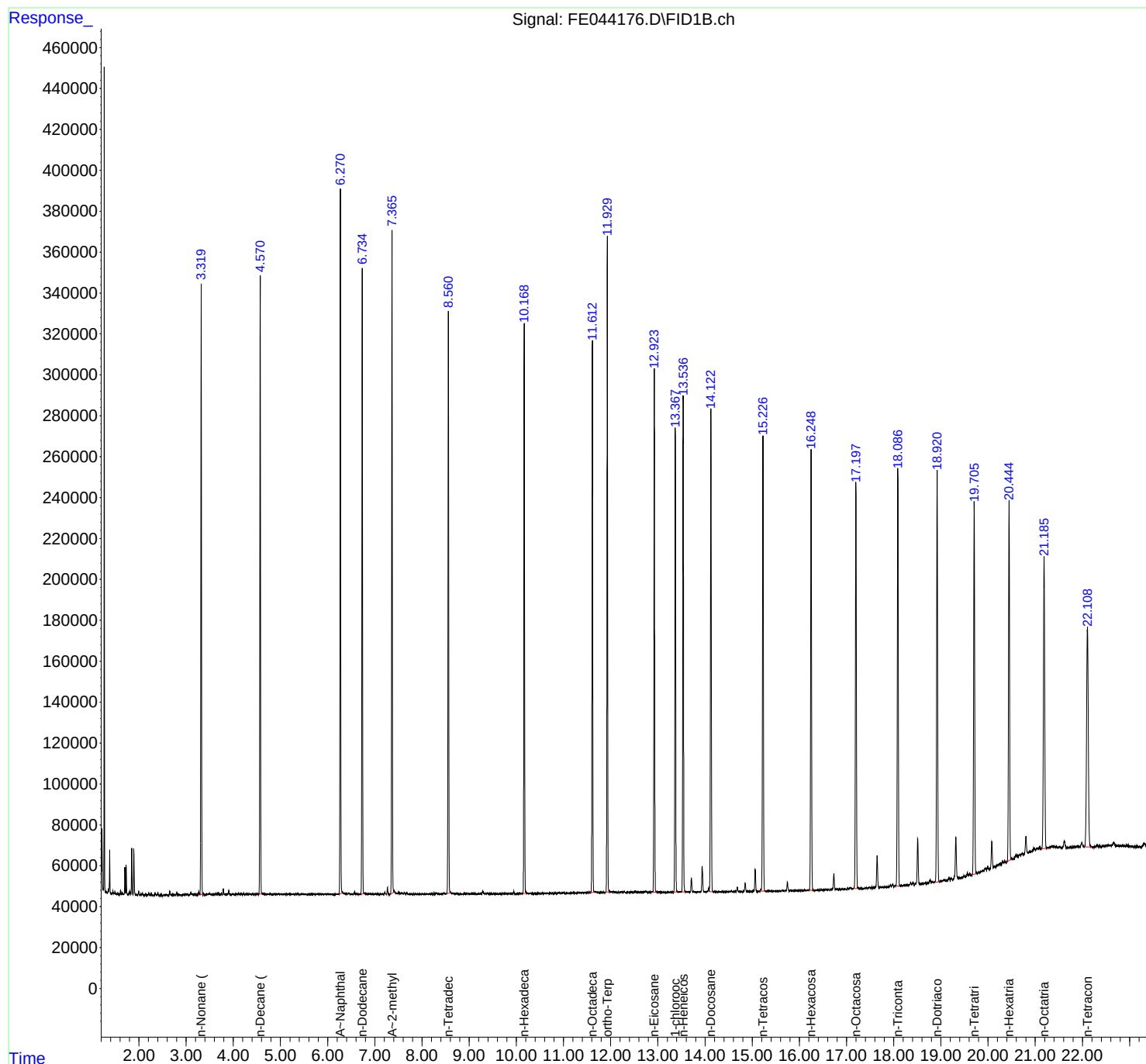
(m)=manual int.

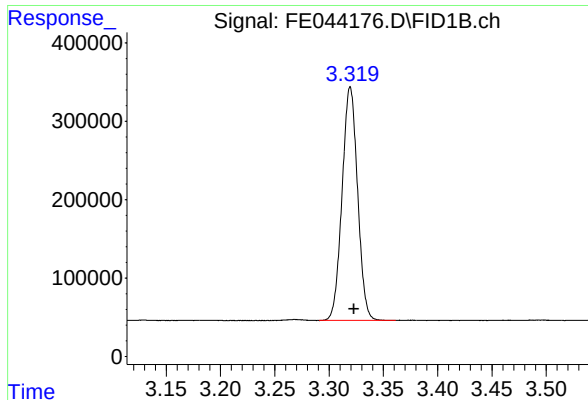
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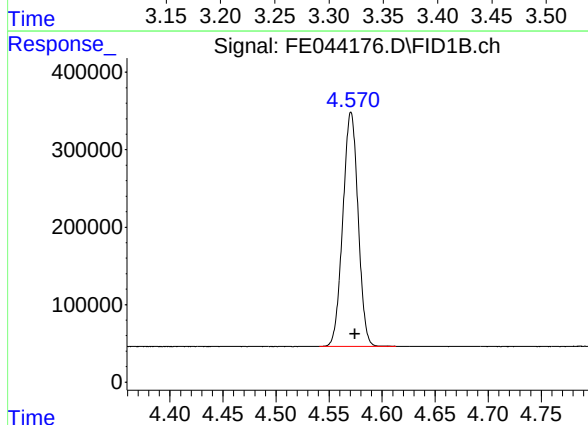




#1 n-Nonane (C9)

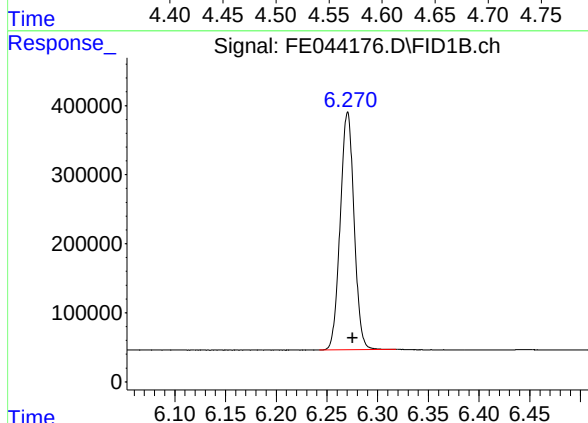
R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 2960285
Conc: 18.15 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



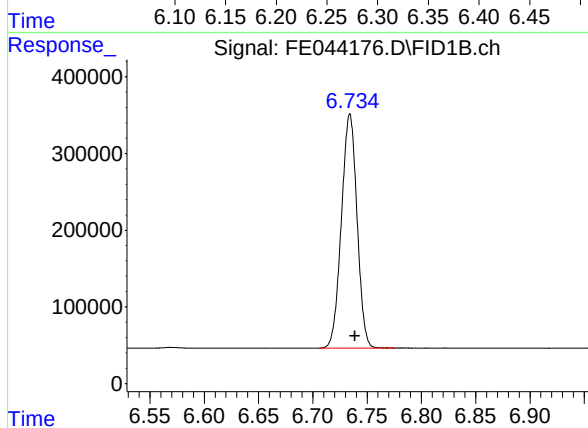
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.004 min
Response: 3027049
Conc: 18.21 ug/ml



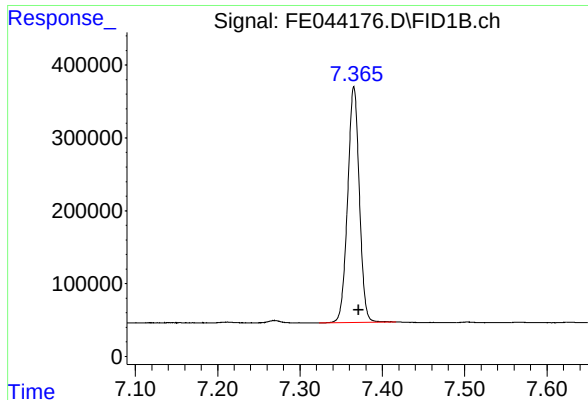
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 3277368
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

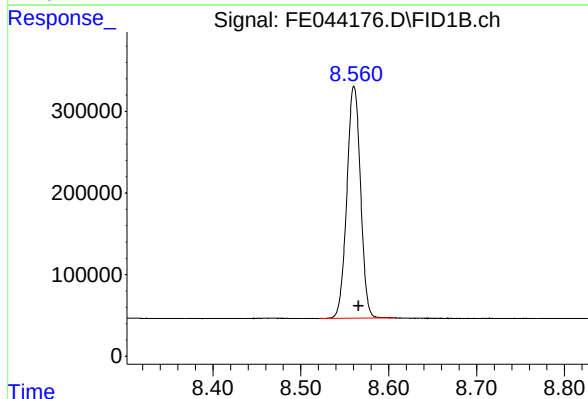
R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 3063153
Conc: 18.21 ug/ml



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

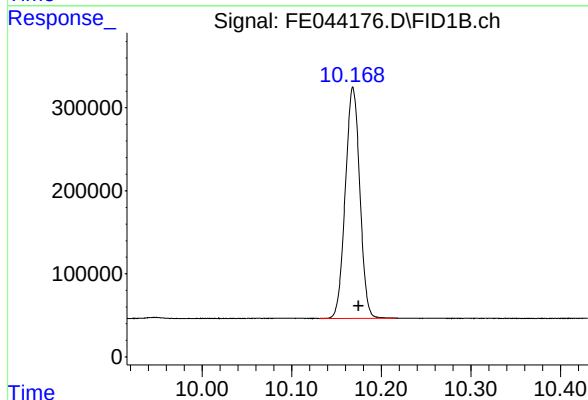
R.T.: 7.366 min
Delta R.T.: -0.006 min
Response: 3196505
Conc: 18.65 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



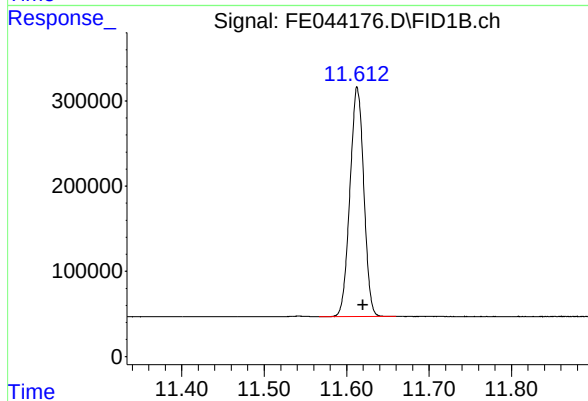
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 3074446
Conc: 18.33 ug/ml



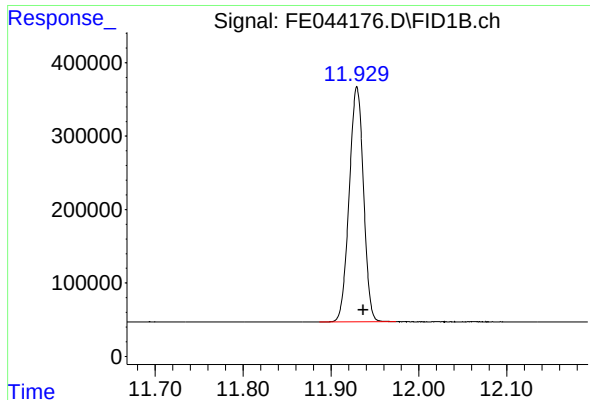
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: -0.006 min
Response: 3129338
Conc: 18.11 ug/ml



#8 n-Octadecane (C18)

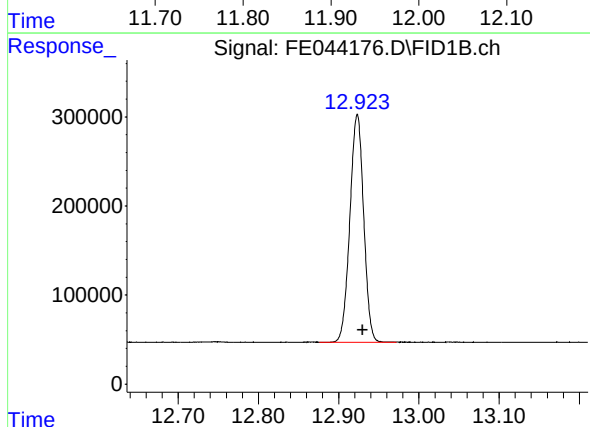
R.T.: 11.613 min
Delta R.T.: -0.007 min
Response: 3142511
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

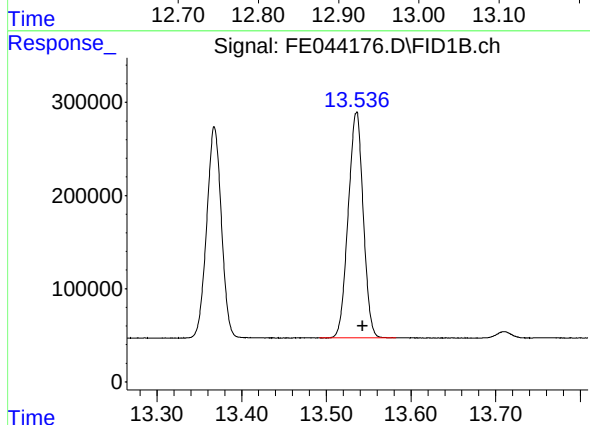
R.T.: 11.930 min
Delta R.T.: -0.007 min
Response: 3613982
Conc: 19.08 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



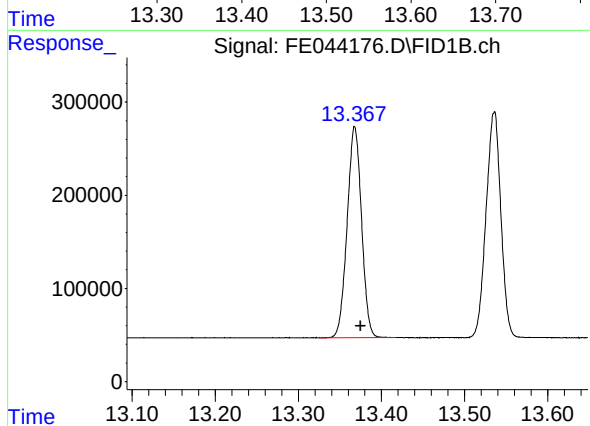
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.007 min
Response: 3049664
Conc: 18.44 ug/ml



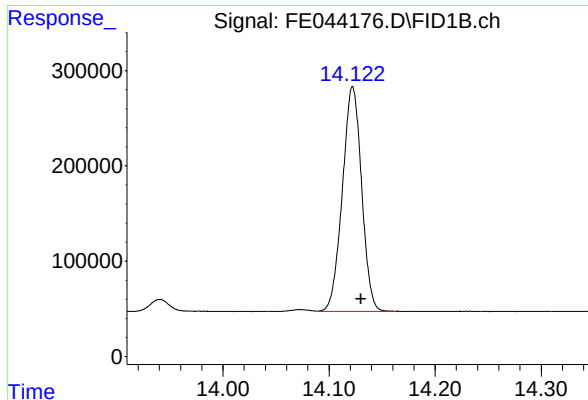
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.007 min
Response: 2991768
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

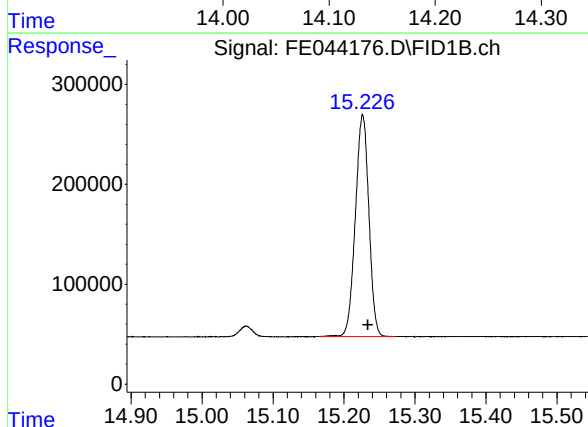
R.T.: 13.368 min
Delta R.T.: -0.007 min
Response: 2727324
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

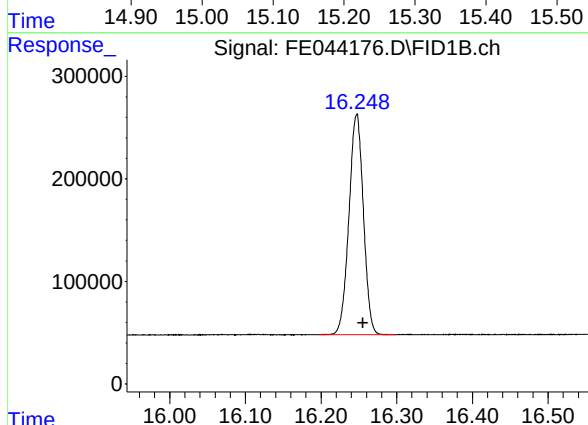
R.T.: 14.122 min
Delta R.T.: -0.008 min
Response: 2972461
Conc: 18.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



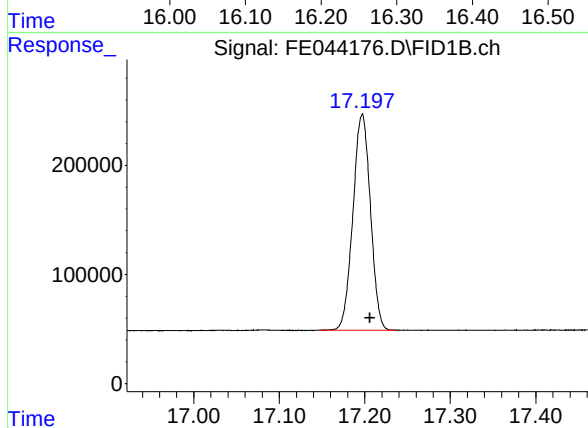
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.007 min
Response: 2933554
Conc: 18.76 ug/ml



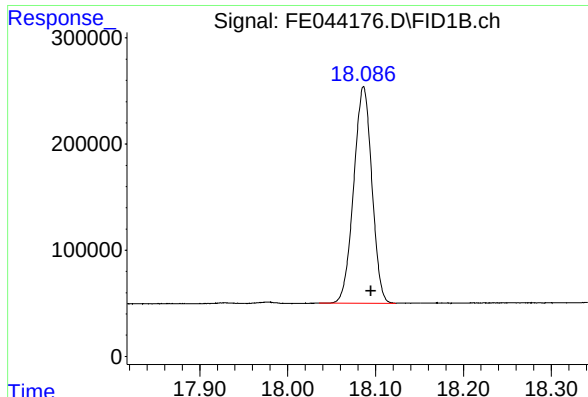
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: -0.008 min
Response: 2853577
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

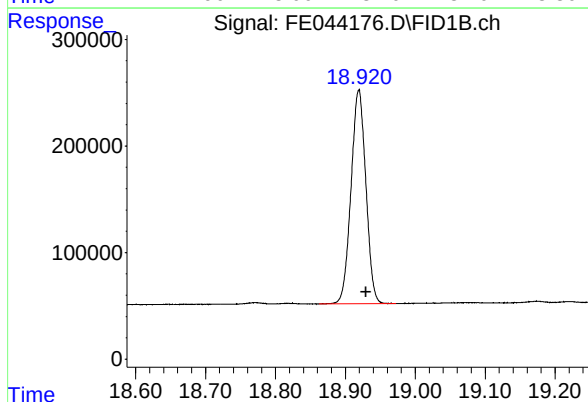
R.T.: 17.197 min
Delta R.T.: -0.009 min
Response: 2819299
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

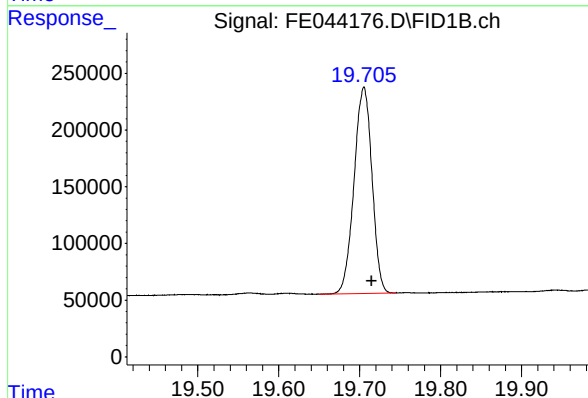
R.T.: 18.086 min
Delta R.T.: -0.008 min
Response: 2929678
Conc: 20.17 ug/ml

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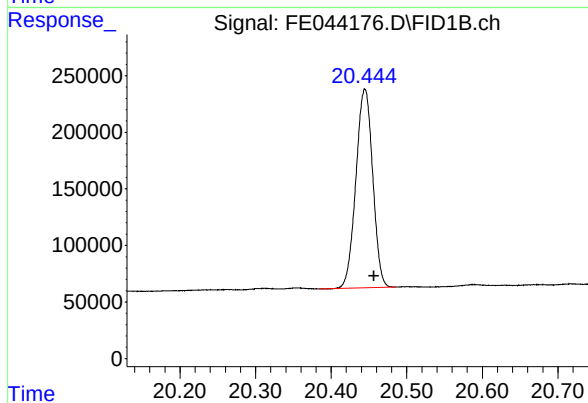
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.010 min
Response: 2957920
Conc: 20.77 ug/ml



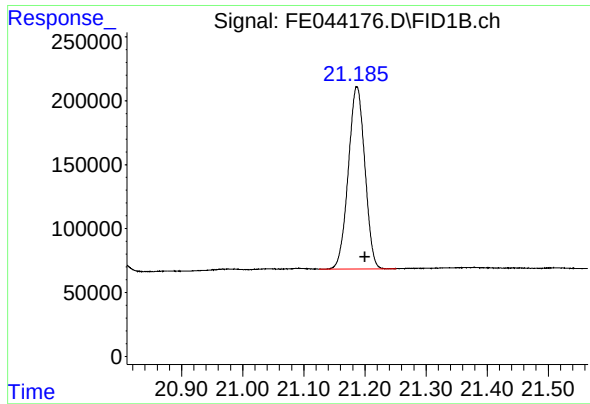
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.009 min
Response: 2797388
Conc: 19.99 ug/ml



#20 n-Hexatriacontane (C36)

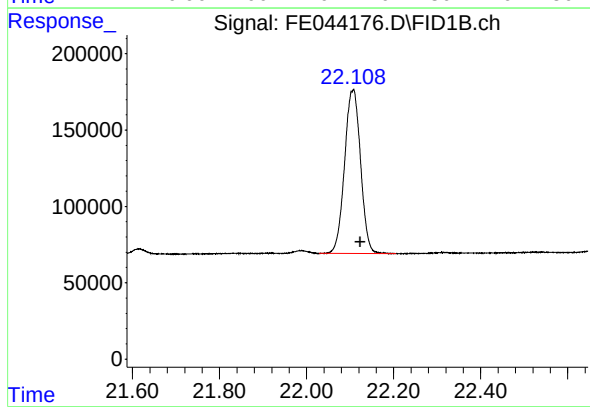
R.T.: 20.445 min
Delta R.T.: -0.012 min
Response: 2708158
Conc: 19.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.013 min
Response: 2684081
Conc: 19.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.016 min
Response: 2737644
Conc: 19.80 ug/ml