

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053203.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 20:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 04 23:57:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.890	3019605	18.538 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
12) S 1-chlorooctadecane (S...	13.334	2254698	18.782 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
Target Compounds			
1) T n-Nonane (C9)	3.237	2837653	18.326 ug/ml
2) T n-Decane (C10)	4.498	2936810	18.723 ug/ml
3) T A~Naphthalene (C11.7)	6.210	3139177	18.687 ug/ml
4) T n-Dodecane (C12)	6.678	2941286	18.806 ug/ml
5) T A~2-methylnaphthalene...	7.312	2993729	18.762 ug/ml
6) T n-Tetradecane (C14)	8.514	2901762	18.951 ug/ml
7) T n-Hexadecane (C16)	10.127	2952622	19.155 ug/ml
8) T n-Octadecane (C18)	11.575	2907248	19.169 ug/ml
10) T n-Eicosane (C20)	12.889	2721750	19.090 ug/ml
11) T n-Heneicosane (C21)	13.503	2640846	19.030 ug/ml
13) T n-Docosane (C22)	14.090	2605821	19.027 ug/ml
14) T n-Tetracosane (C24)	15.196	2601895	19.265 ug/ml
15) T n-Hexacosane (C26)	16.219	2572675	19.284 ug/ml
16) T n-Octacosane (C28)	17.171	2627875	19.913 ug/ml
17) T n-Tricontane (C30)	18.061	2852846	21.048 ug/ml
18) T n-Dotriacontane (C32)	18.895	2939056	21.841 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2696370	20.838 ug/ml
20) T n-Hexatriacontane (C36)	20.422	2447465	20.603 ug/ml
21) T n-Octatriacontane (C38)	21.159	2448334	21.302 ug/ml
22) T n-Tetracontane (C40)	22.072	2435345	21.684 ug/ml

(f)=RT Delta > 1/2 Window

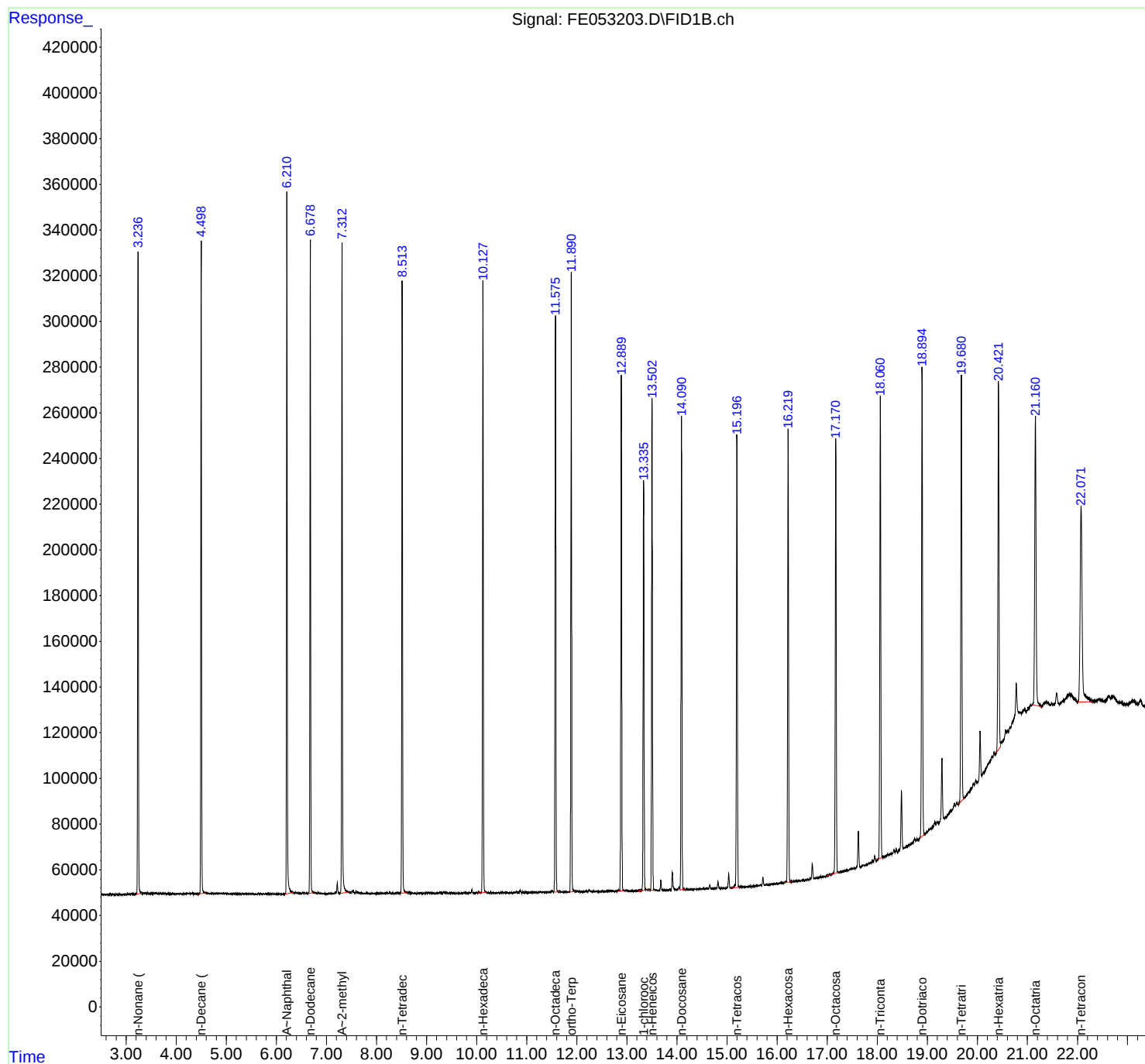
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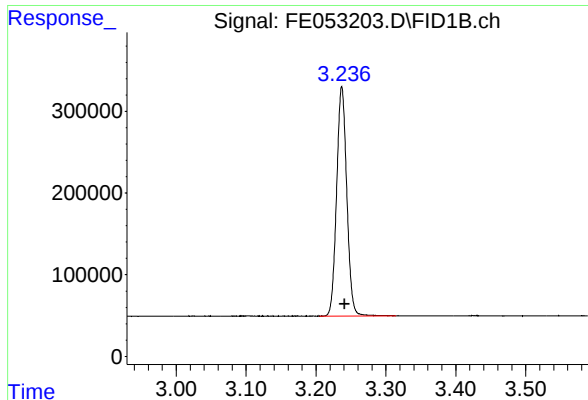
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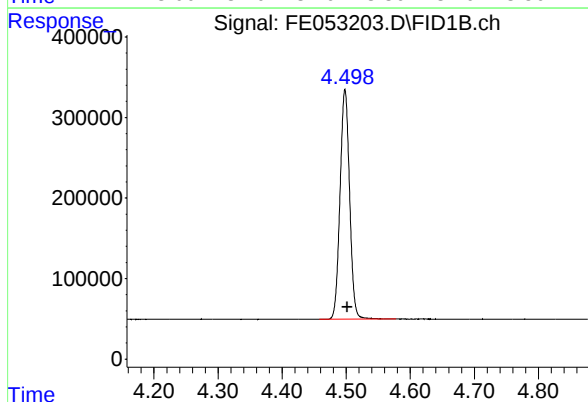




#1 n-Nonane (C9)

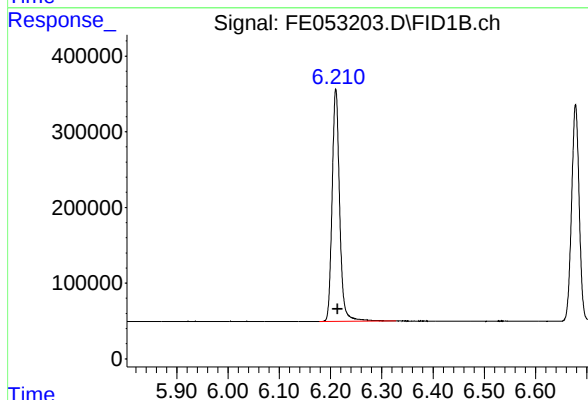
R.T.: 3.237 min
Delta R.T.: -0.004 min
Response: 2837653
Conc: 18.33 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



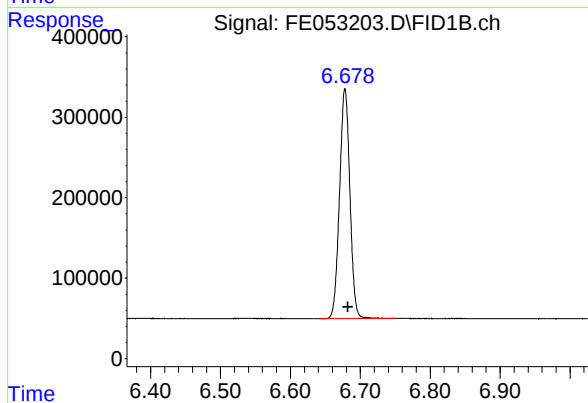
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.004 min
Response: 2936810
Conc: 18.72 ug/ml



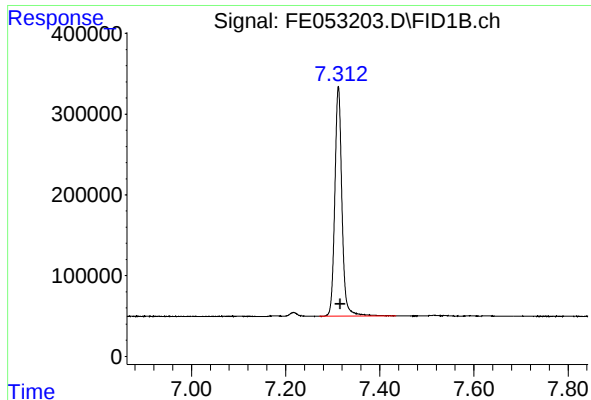
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3139177
Conc: 18.69 ug/ml



#4 n-Dodecane (C12)

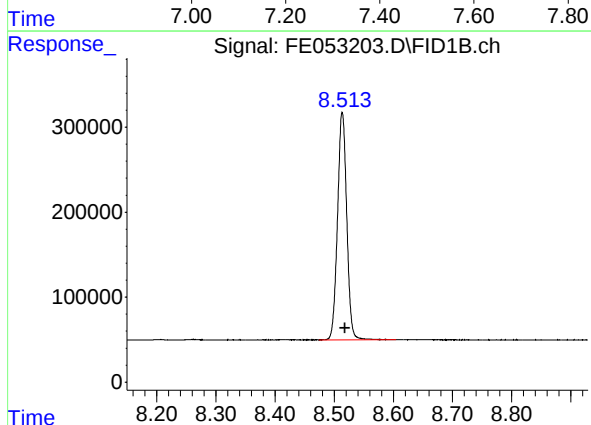
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 2941286
Conc: 18.81 ug/ml



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

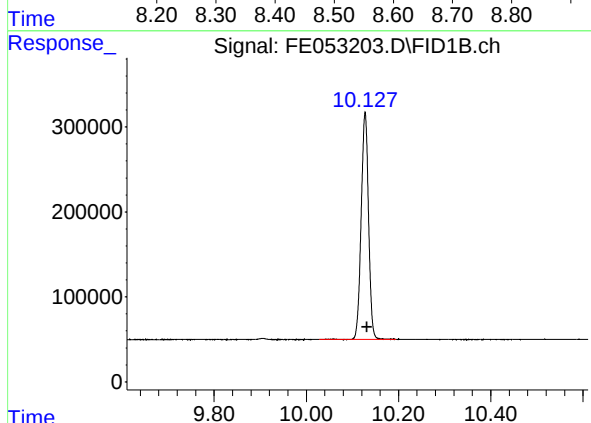
R.T.: 7.312 min
Delta R.T.: -0.004 min
Response: 2993729
Conc: 18.76 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



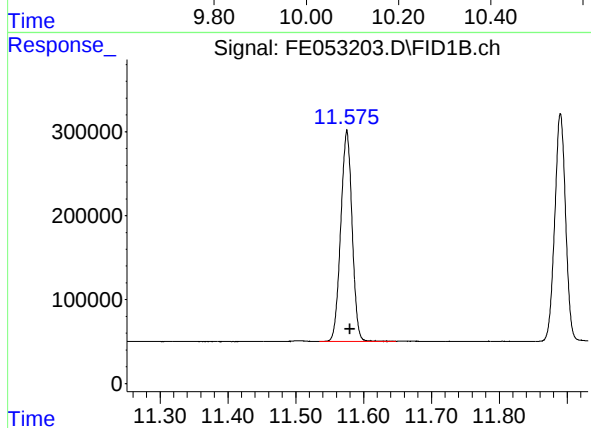
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 2901762
Conc: 18.95 ug/ml



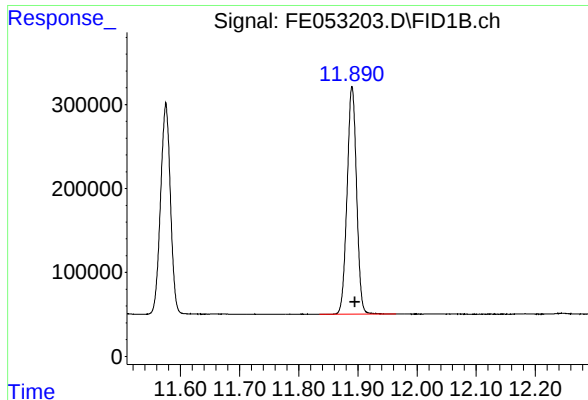
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: -0.004 min
Response: 2952622
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

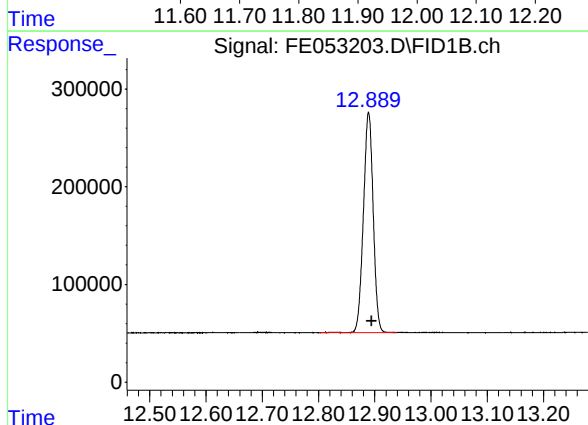
R.T.: 11.575 min
Delta R.T.: -0.005 min
Response: 2907248
Conc: 19.17 ug/ml



#9 ortho-Terphenyl (SURR)

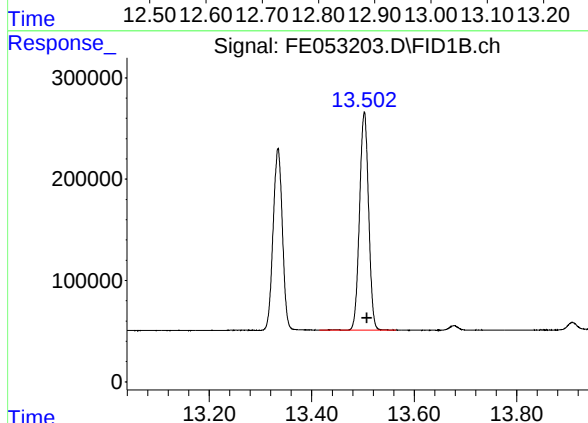
R.T.: 11.890 min
Delta R.T.: -0.005 min
Response: 3019605
Conc: 18.54 ug/ml

Instrument :
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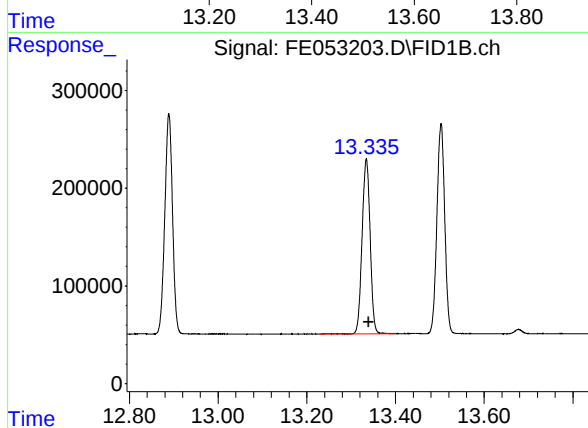
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.005 min
Response: 2721750
Conc: 19.09 ug/ml



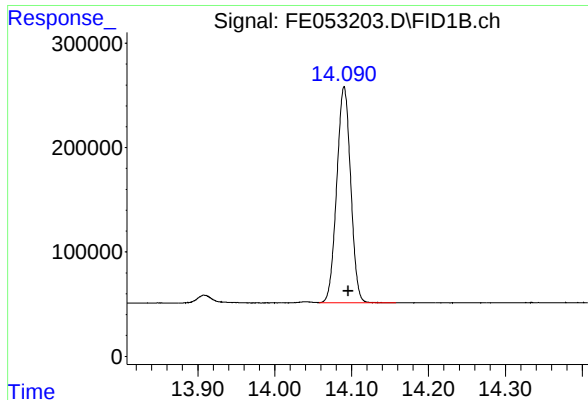
#11 n-Heneicosane (C21)

R.T.: 13.503 min
Delta R.T.: -0.005 min
Response: 2640846
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

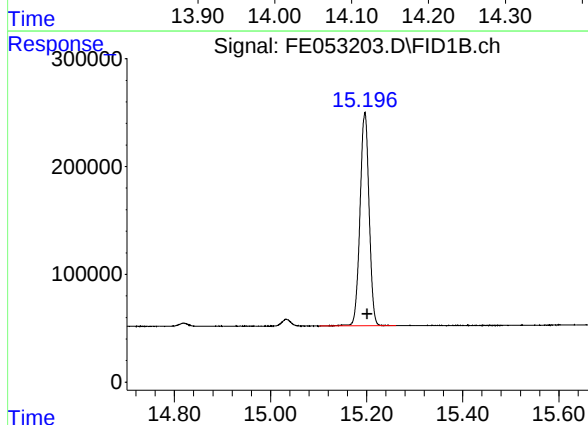
R.T.: 13.334 min
Delta R.T.: -0.005 min
Response: 2254698
Conc: 18.78 ug/ml



#13 n-Docosane (C22)

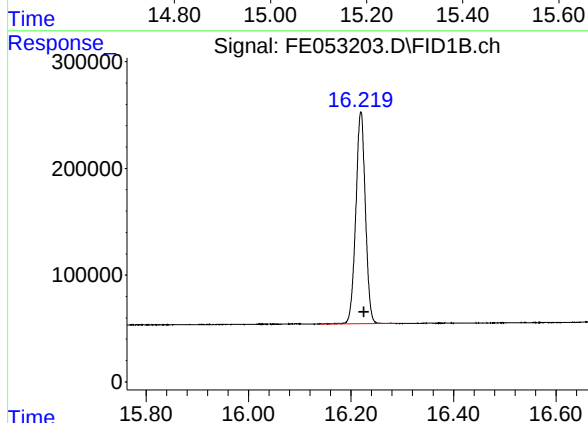
R.T.: 14.090 min
Delta R.T.: -0.005 min
Response: 2605821
Conc: 19.03 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



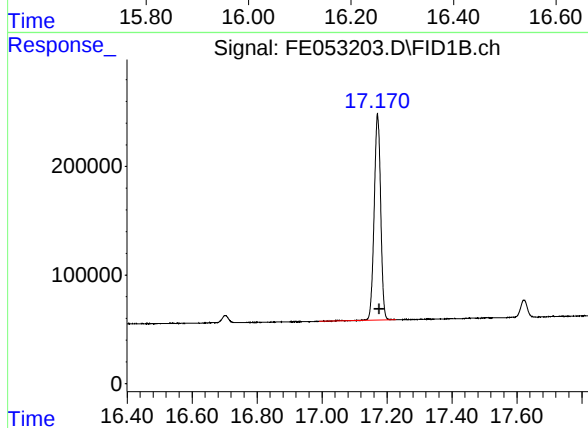
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.005 min
Response: 2601895
Conc: 19.26 ug/ml



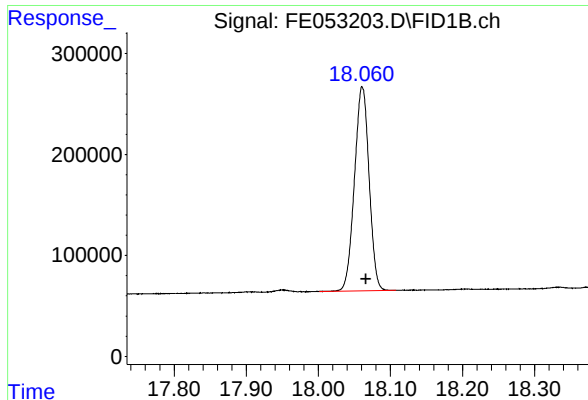
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.006 min
Response: 2572675
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

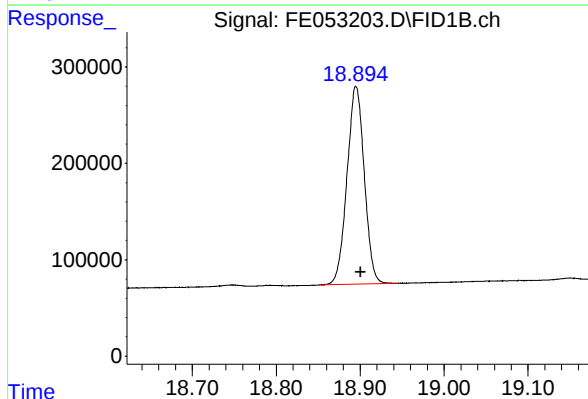
R.T.: 17.171 min
Delta R.T.: -0.005 min
Response: 2627875
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

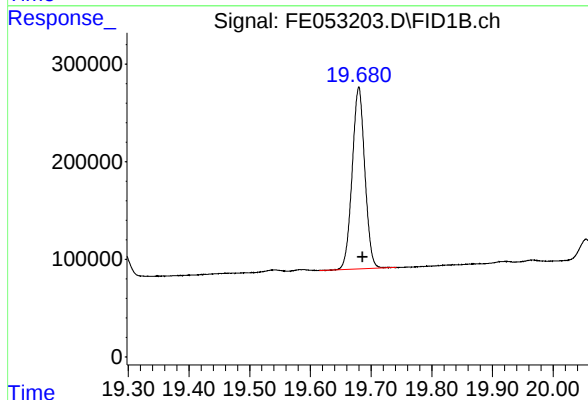
R.T.: 18.061 min
Delta R.T.: -0.005 min
Response: 2852846
Conc: 21.05 ug/ml

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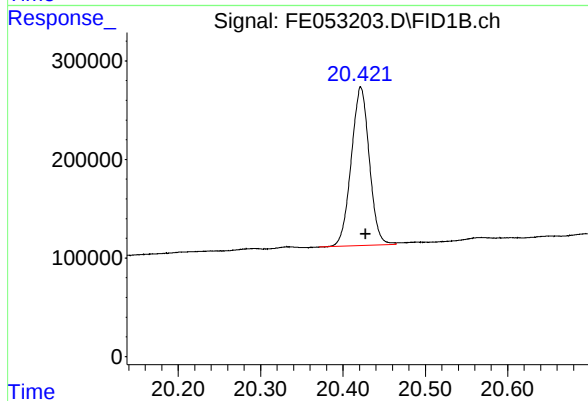
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.005 min
Response: 2939056
Conc: 21.84 ug/ml



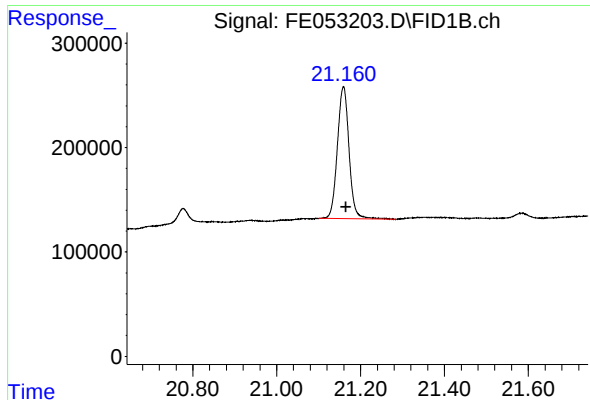
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.006 min
Response: 2696370
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

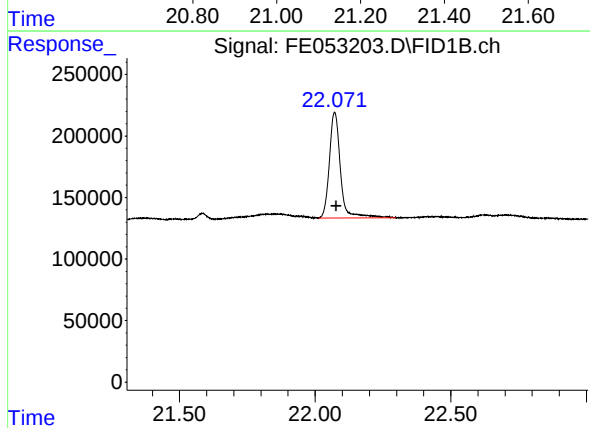
R.T.: 20.422 min
Delta R.T.: -0.006 min
Response: 2447465
Conc: 20.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.006 min
Response: 2448334
Conc: 21.30 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.007 min
Response: 2435345
Conc: 21.68 ug/ml