

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052558.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 12:45
 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: Feb 28 22:07:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.913	3312562	17.721 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
12) S 1-chlorooctadecane (S...	13.358	2475982	17.813 ug/ml
Spiked Amount 50.000		Recovery =	35.63%
Target Compounds			
1) T n-Nonane (C9)	3.253	3059086	19.929 ug/ml
2) T n-Decane (C10)	4.515	3146508	20.146 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3430886	19.858 ug/ml
4) T n-Dodecane (C12)	6.697	3121867	19.778 ug/ml
5) T A~2-methylnaphthalene...	7.331	3290933	19.595 ug/ml
6) T n-Tetradecane (C14)	8.534	3018923	19.166 ug/ml
7) T n-Hexadecane (C16)	10.148	3059574	18.720 ug/ml
8) T n-Octadecane (C18)	11.597	3036709	18.353 ug/ml
10) T n-Eicosane (C20)	12.912	2890452	18.131 ug/ml
11) T n-Heneicosane (C21)	13.526	2838072	18.115 ug/ml
13) T n-Docosane (C22)	14.114	2825777	18.056 ug/ml
14) T n-Tetracosane (C24)	15.221	2817000	17.912 ug/ml
15) T n-Hexacosane (C26)	16.245	2793391	18.035 ug/ml
16) T n-Octacosane (C28)	17.197	2778801	18.167 ug/ml
17) T n-Tricontane (C30)	18.087	2870220	18.387 ug/ml
18) T n-Dotriacontane (C32)	18.920	2815160	18.397 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2525935	17.755 ug/ml
20) T n-Hexatriacontane (C36)	20.448	2273378	18.240 ug/ml
21) T n-Octatriacontane (C38)	21.190	2255921	20.639 ug/ml
22) T n-Tetracontane (C40)	22.112	2328437	23.148 ug/ml

(f)=RT Delta > 1/2 Window

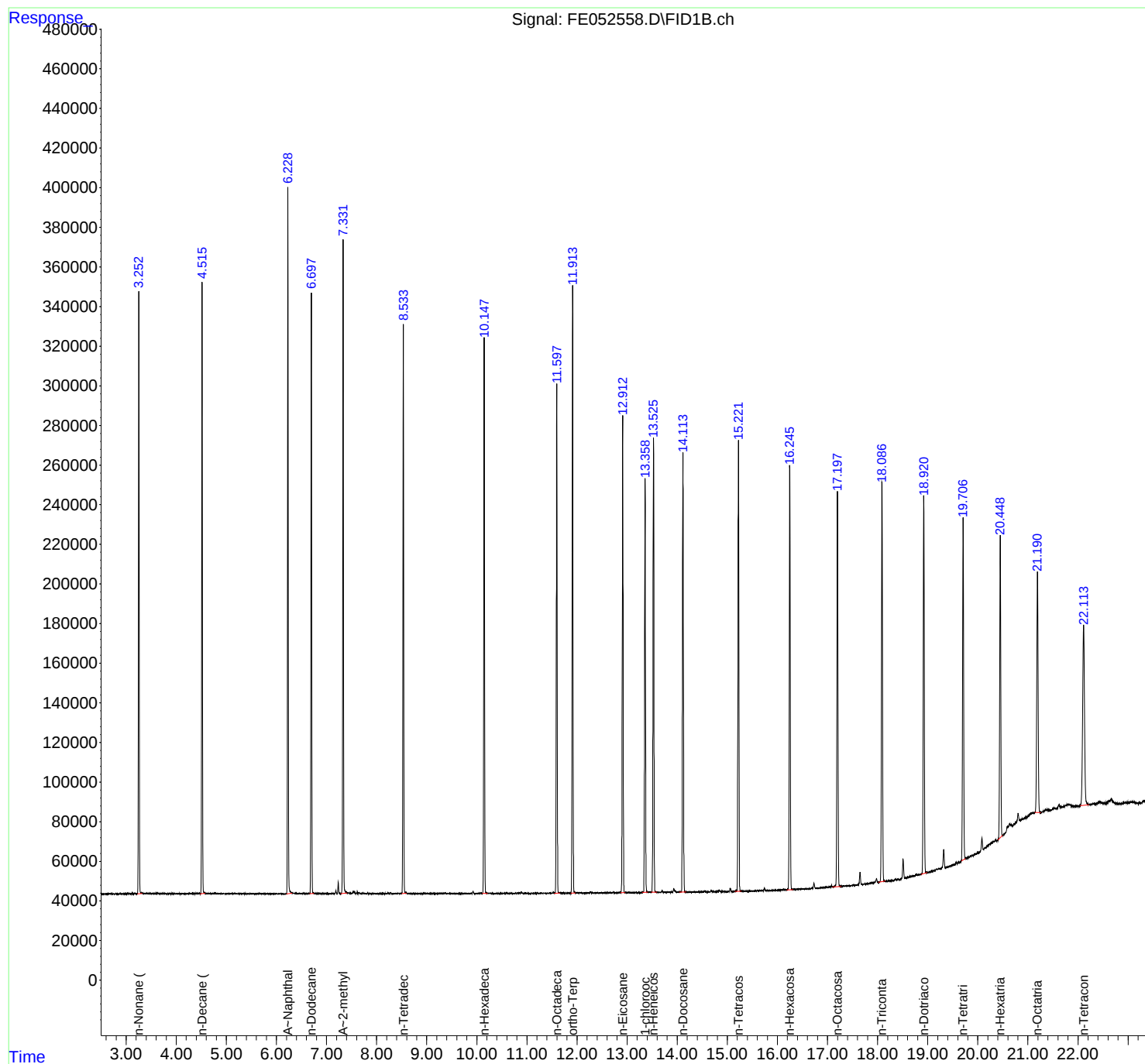
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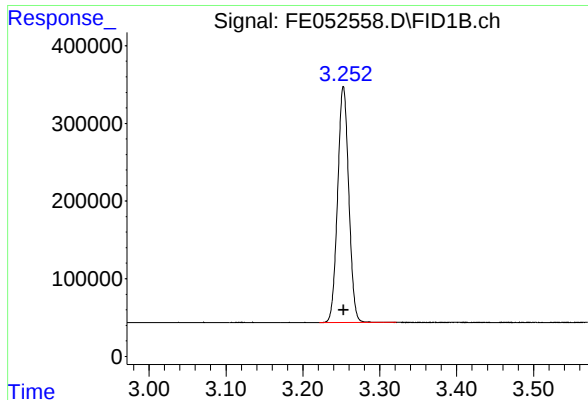
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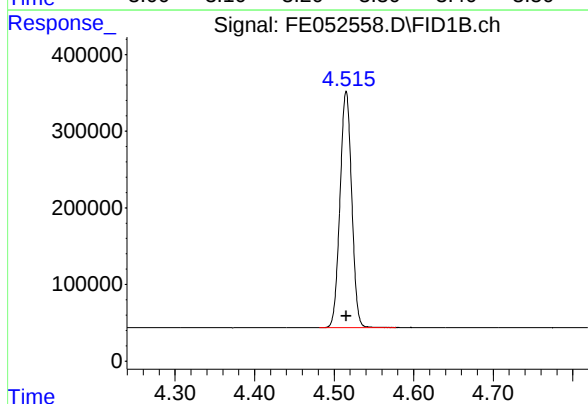




#1 n-Nonane (C9)

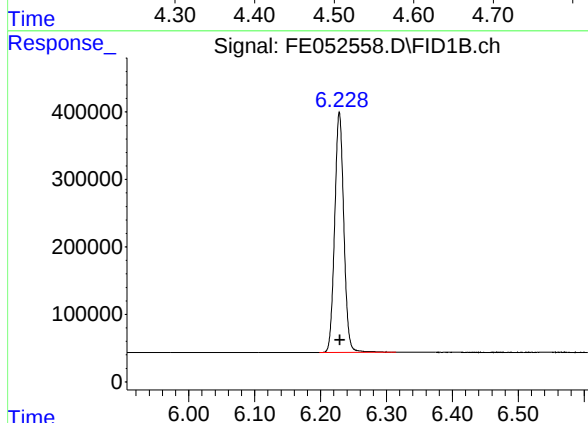
R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 3059086
Conc: 19.93 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



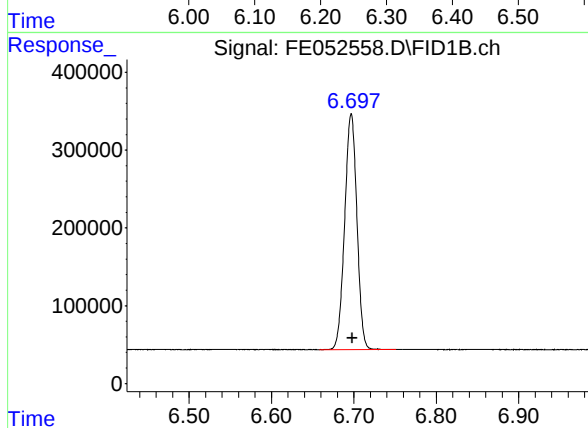
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 3146508
Conc: 20.15 ug/ml



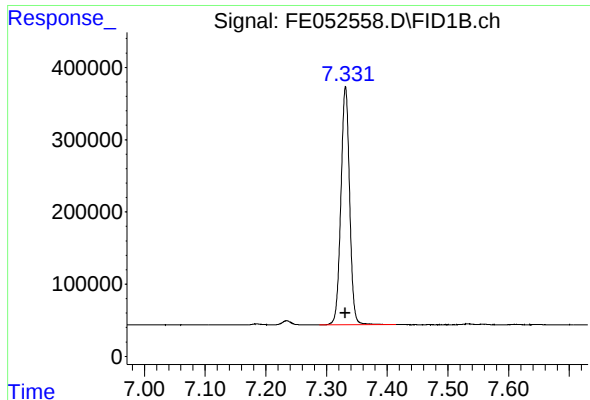
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3430886
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

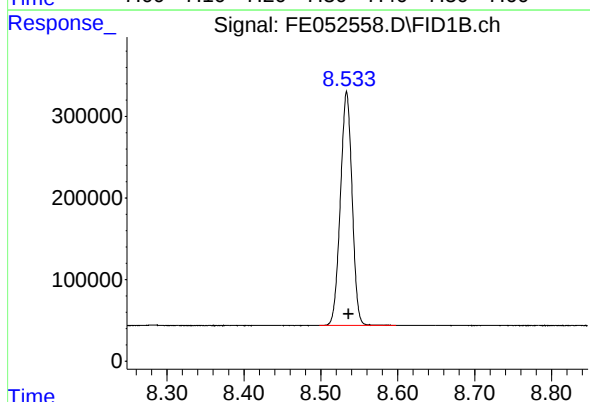
R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 3121867
Conc: 19.78 ug/ml



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

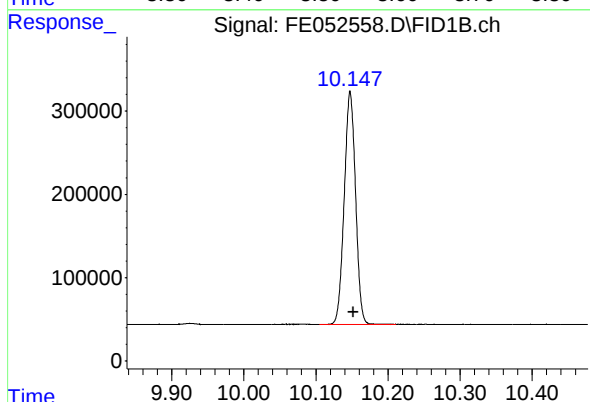
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 3290933
Conc: 19.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



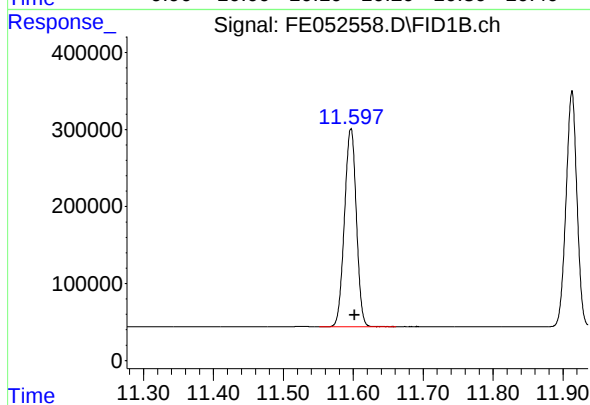
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 3018923
Conc: 19.17 ug/ml



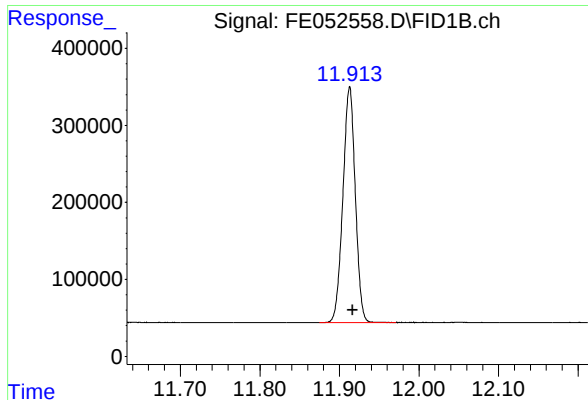
#7 n-Hexadecane (C16)

R.T.: 10.148 min
Delta R.T.: -0.004 min
Response: 3059574
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

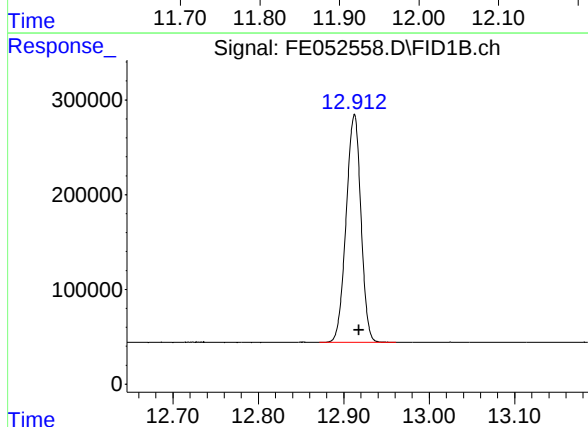
R.T.: 11.597 min
Delta R.T.: -0.005 min
Response: 3036709
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

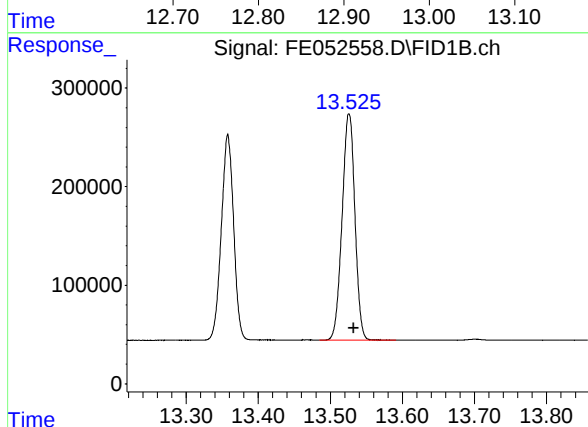
R.T.: 11.913 min
Delta R.T.: -0.004 min
Response: 3312562
Conc: 17.72 ug/ml

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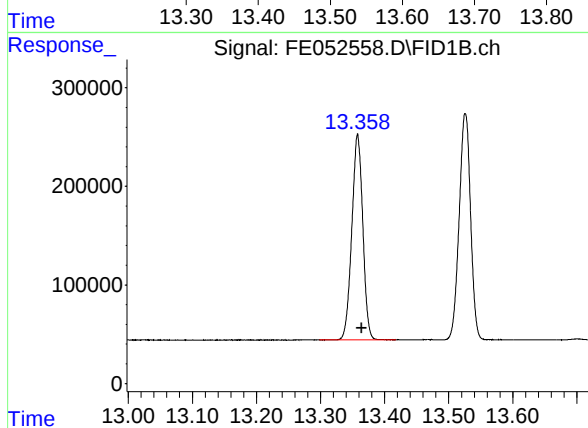
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.006 min
Response: 2890452
Conc: 18.13 ug/ml



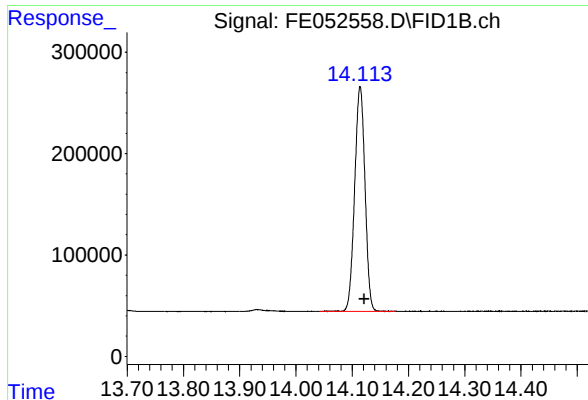
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.006 min
Response: 2838072
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

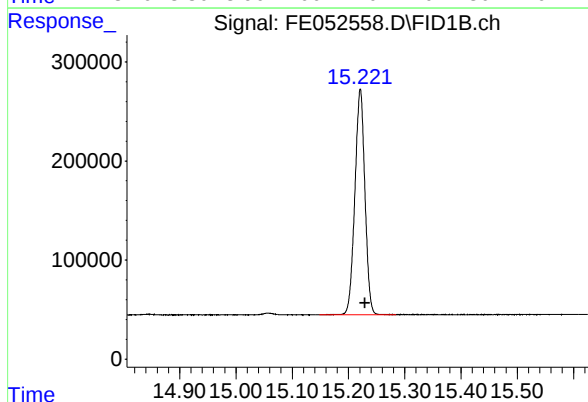
R.T.: 13.358 min
Delta R.T.: -0.006 min
Response: 2475982
Conc: 17.81 ug/ml



#13 n-Docosane (C22)

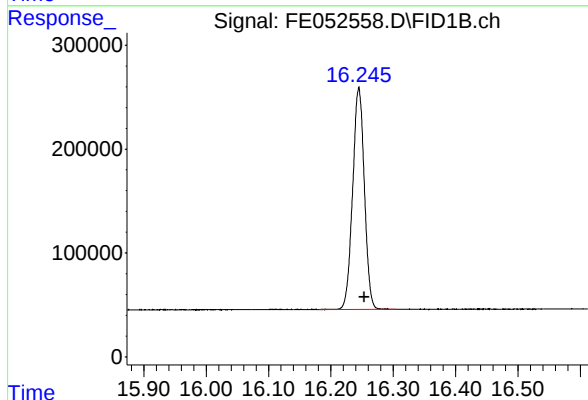
R.T.: 14.114 min
Delta R.T.: -0.007 min
Response: 2825777
Conc: 18.06 ug/ml

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20 PPM ALIPHATIC HC STD



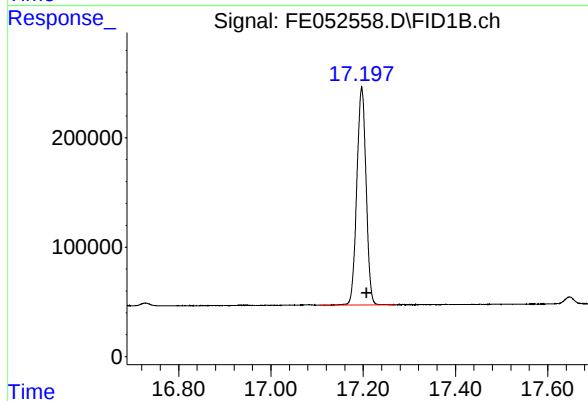
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: -0.008 min
Response: 2817000
Conc: 17.91 ug/ml



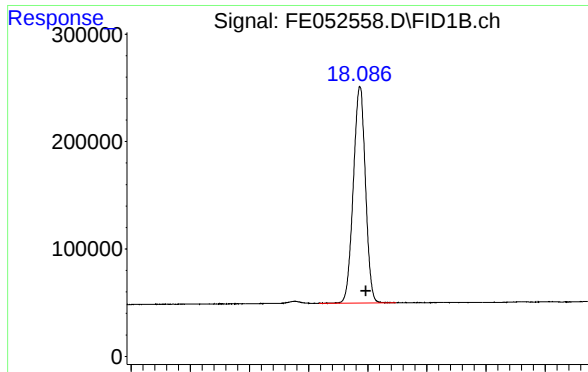
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.009 min
Response: 2793391
Conc: 18.03 ug/ml



#16 n-Octacosane (C28)

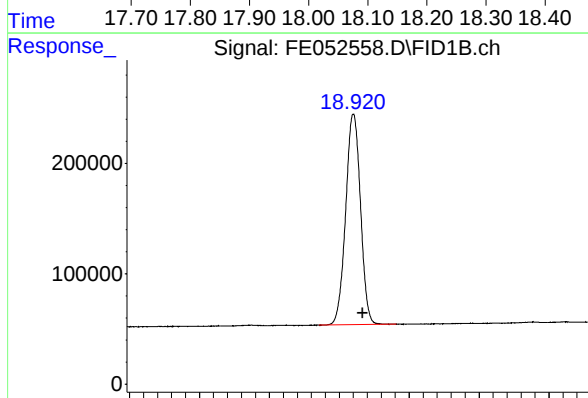
R.T.: 17.197 min
Delta R.T.: -0.011 min
Response: 2778801
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

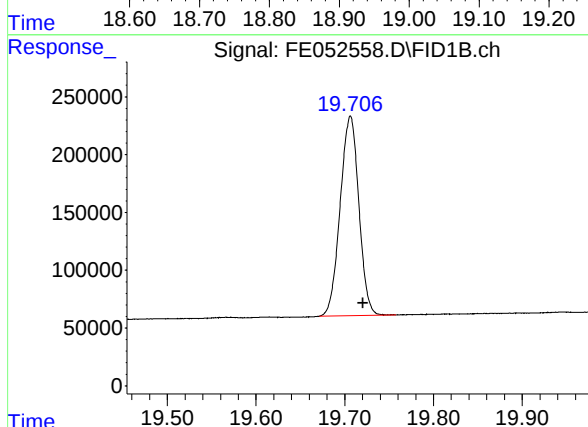
R.T.: 18.087 min
Delta R.T.: -0.011 min
Response: 2870220
Conc: 18.39 ug/ml

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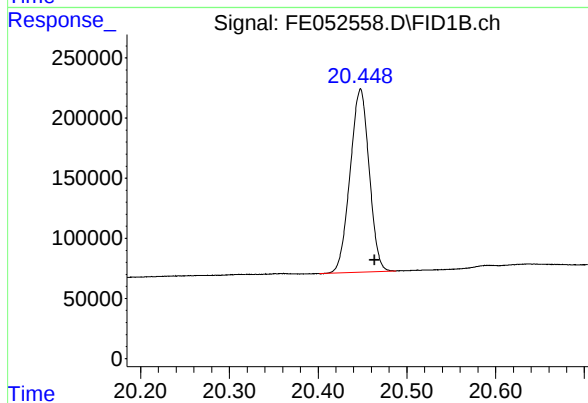
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: -0.013 min
Response: 2815160
Conc: 18.40 ug/ml



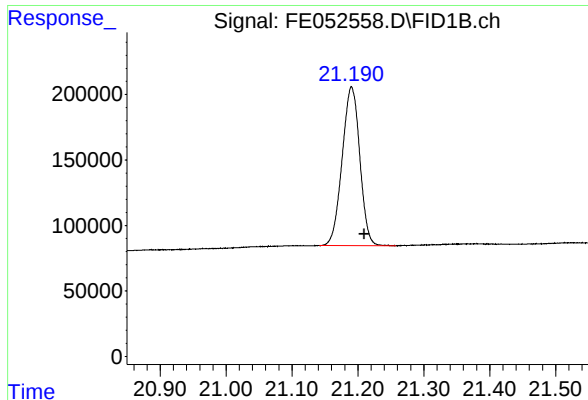
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.014 min
Response: 2525935
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

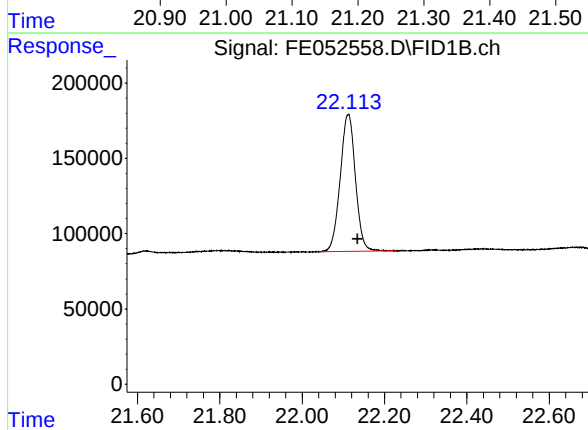
R.T.: 20.448 min
Delta R.T.: -0.016 min
Response: 2273378
Conc: 18.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.019 min
Response: 2255921
Conc: 20.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: -0.023 min
Response: 2328437
Conc: 23.15 ug/ml