

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052730.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 11:50
 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: Mar 12 02:08:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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

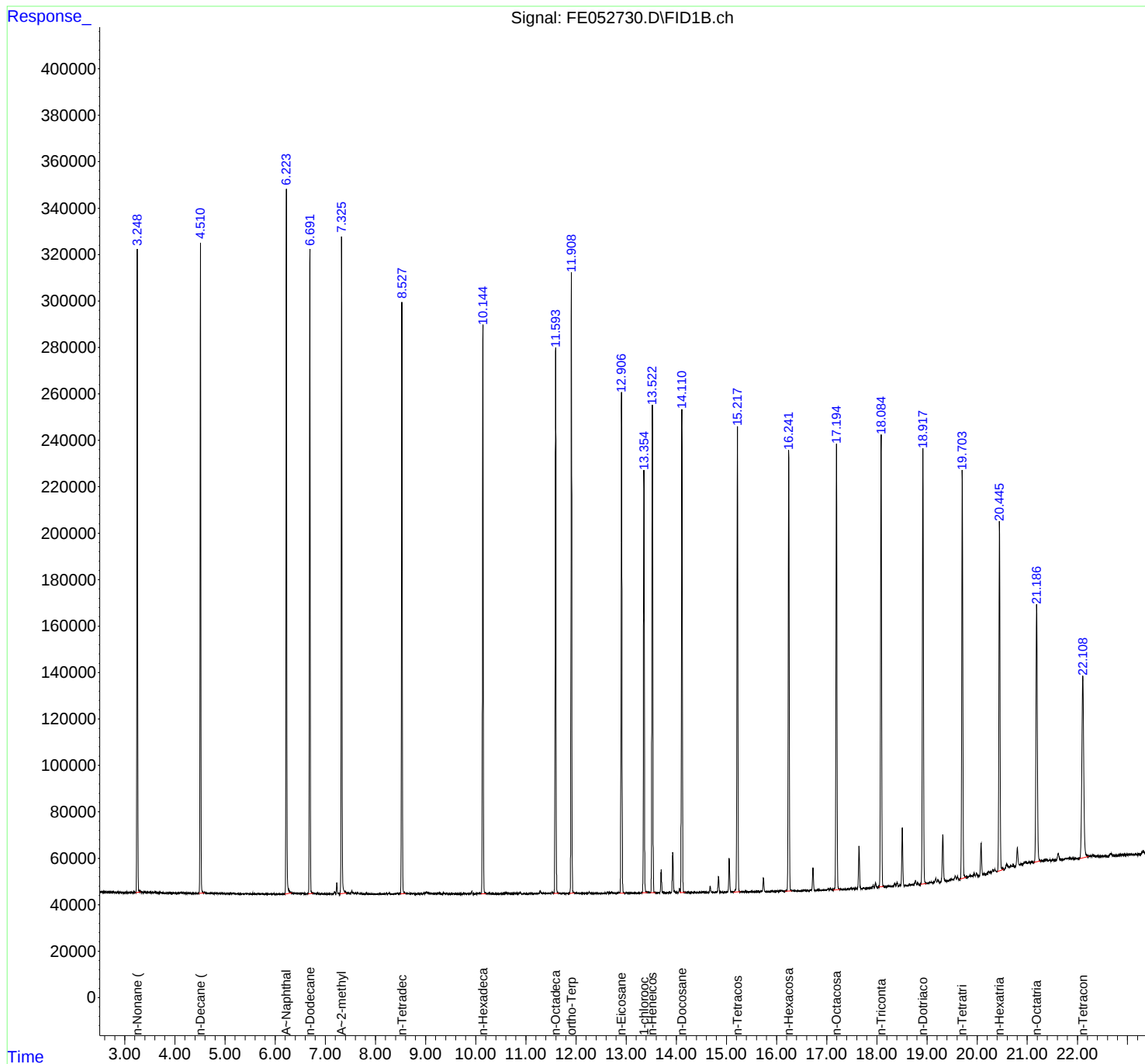
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.908	2989568	17.733 ug/ml
Spiked Amount 50.000		Recovery =	35.47%
12) S 1-chlorooctadecane (S...	13.354	2203180	18.144 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
Target Compounds			
1) T n-Nonane (C9)	3.249	2762704	17.818 ug/ml
2) T n-Decane (C10)	4.510	2861793	18.217 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3050248	17.986 ug/ml
4) T n-Dodecane (C12)	6.691	2840992	18.247 ug/ml
5) T A~2-methylnaphthalene...	7.325	2912266	17.971 ug/ml
6) T n-Tetradecane (C14)	8.528	2763703	18.265 ug/ml
7) T n-Hexadecane (C16)	10.144	2784281	18.211 ug/ml
8) T n-Octadecane (C18)	11.593	2746555	18.053 ug/ml
10) T n-Eicosane (C20)	12.907	2610450	17.981 ug/ml
11) T n-Heneicosane (C21)	13.522	2550387	17.919 ug/ml
13) T n-Docosane (C22)	14.111	2558146	17.976 ug/ml
14) T n-Tetracosane (C24)	15.218	2602965	18.189 ug/ml
15) T n-Hexacosane (C26)	16.241	2598592	18.275 ug/ml
16) T n-Octacosane (C28)	17.194	2646076	18.609 ug/ml
17) T n-Tricontane (C30)	18.084	2787505	18.873 ug/ml
18) T n-Dotriacontane (C32)	18.918	2782577	19.166 ug/ml
19) T n-Tetratriacontane (C34)	19.703	2580001	19.142 ug/ml
20) T n-Hexatriacontane (C36)	20.445	2298203	19.341 ug/ml
21) T n-Octatriacontane (C38)	21.187	2121053	19.120 ug/ml
22) T n-Tetracontane (C40)	22.108	2038648	18.856 ug/ml

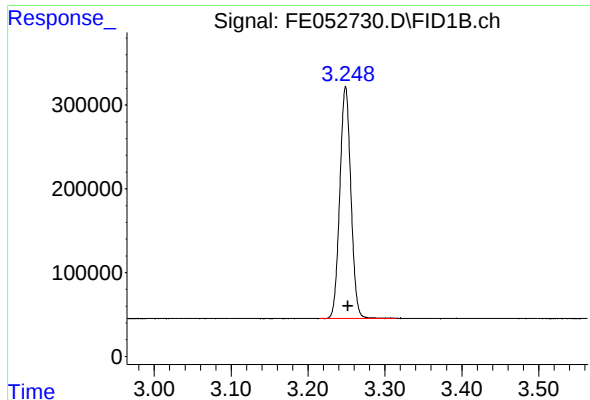
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

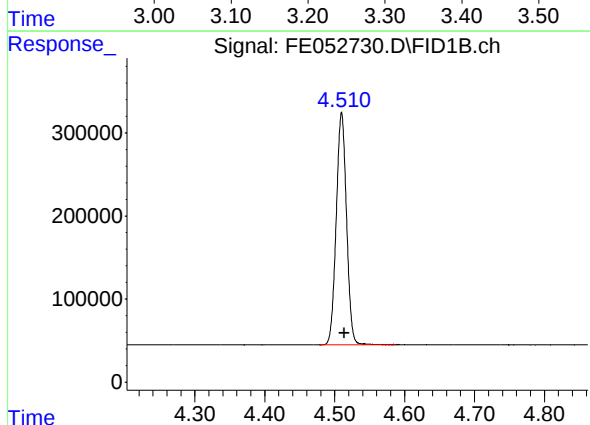




#1 n-Nonane (C9)

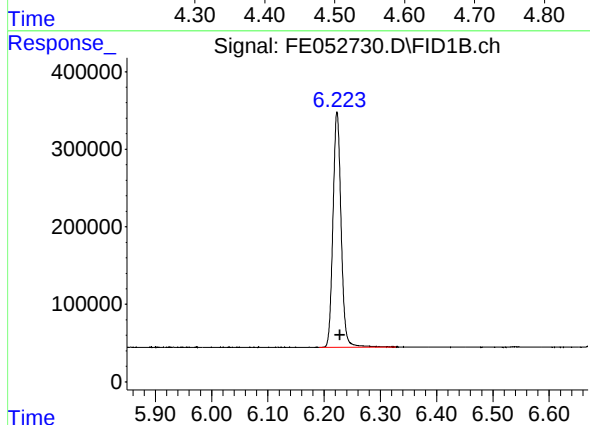
R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 2762704
Conc: 17.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



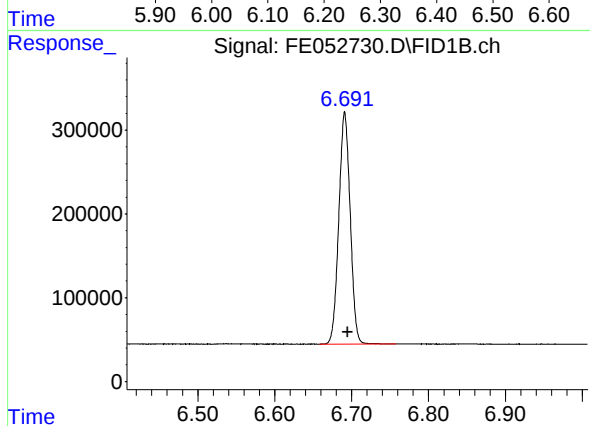
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 2861793
Conc: 18.22 ug/ml



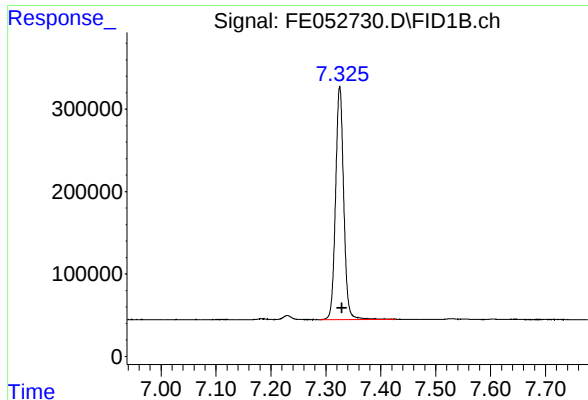
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3050248
Conc: 17.99 ug/ml



#4 n-Dodecane (C12)

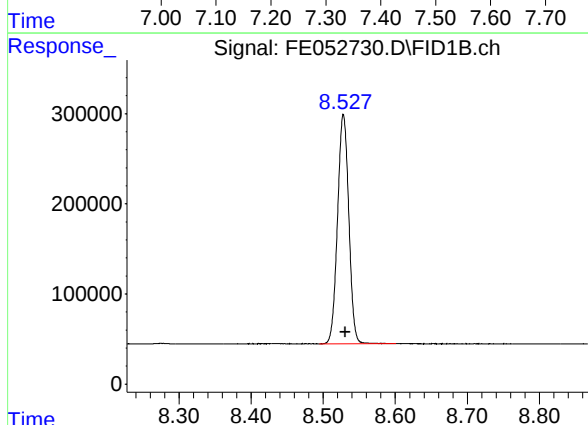
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 2840992
Conc: 18.25 ug/ml



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

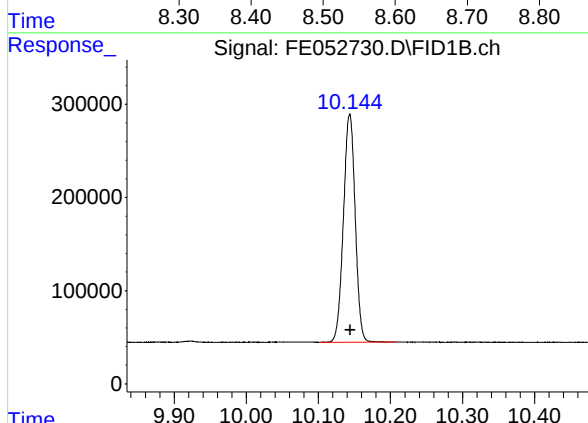
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 2912266
Conc: 17.97 ug/ml

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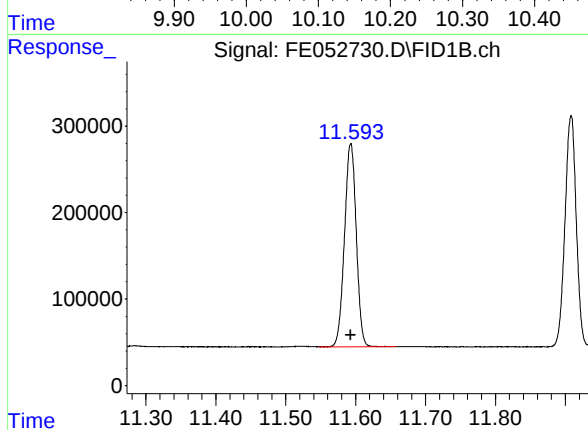
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2763703
Conc: 18.27 ug/ml



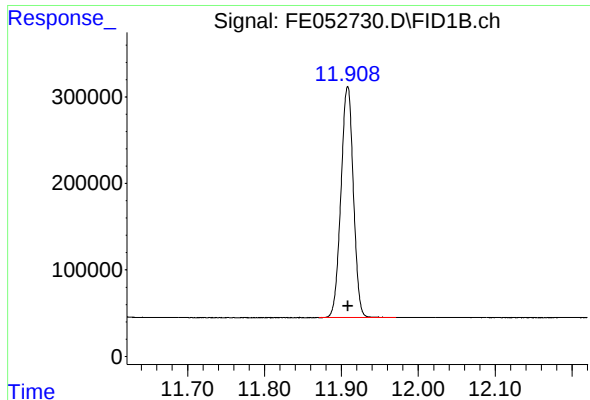
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.001 min
Response: 2784281
Conc: 18.21 ug/ml



#8 n-Octadecane (C18)

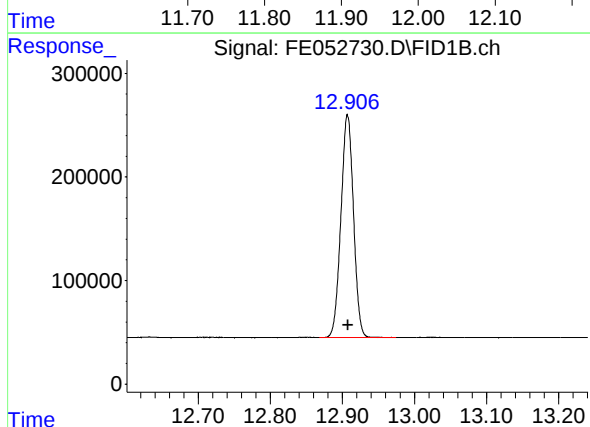
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 2746555
Conc: 18.05 ug/ml



#9 ortho-Terphenyl (SURR)

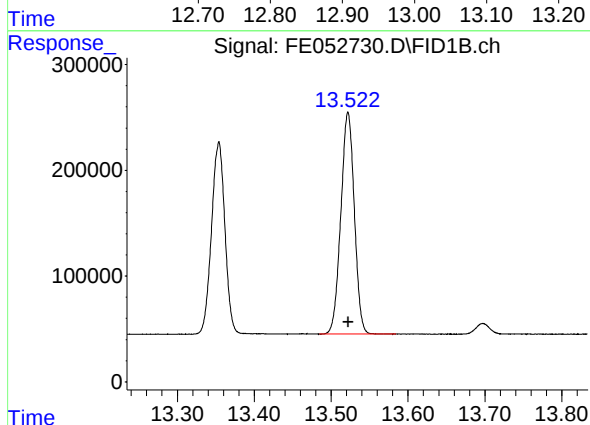
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 2989568
Conc: 17.73 ug/ml

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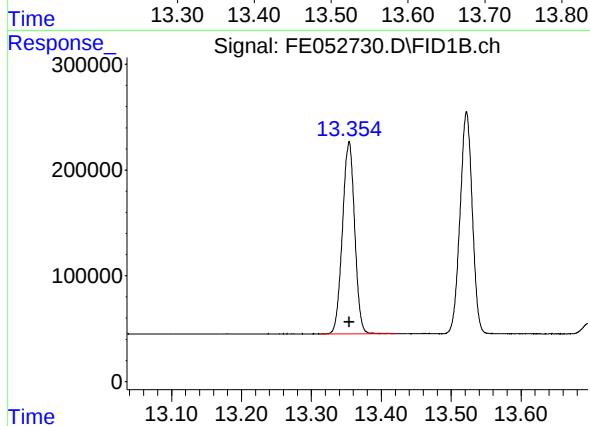
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 2610450
Conc: 17.98 ug/ml



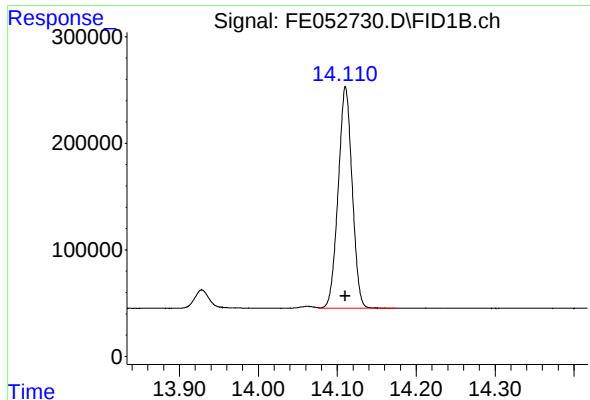
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2550387
Conc: 17.92 ug/ml



#12 1-chlorooctadecane (SURR)

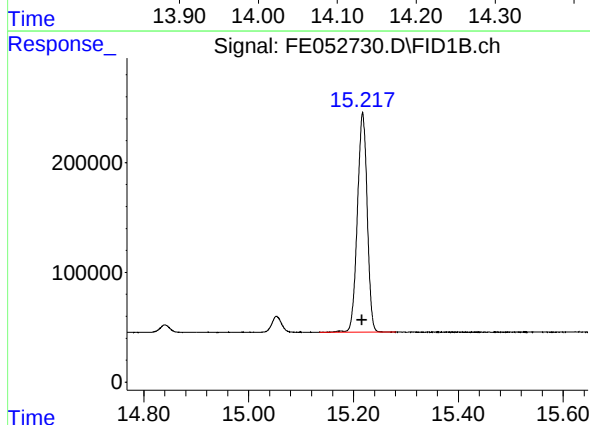
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2203180
Conc: 18.14 ug/ml



#13 n-Docosane (C22)

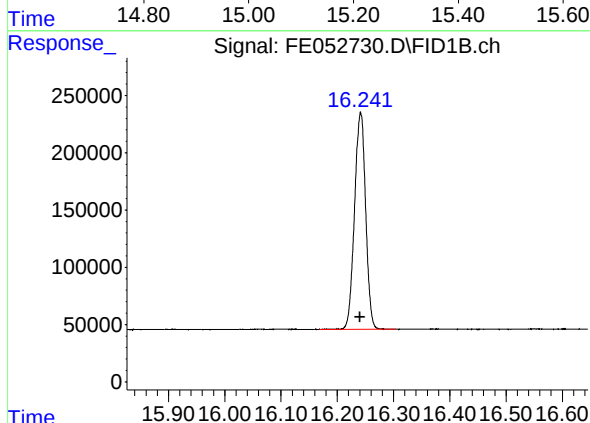
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 2558146
Conc: 17.98 ug/ml

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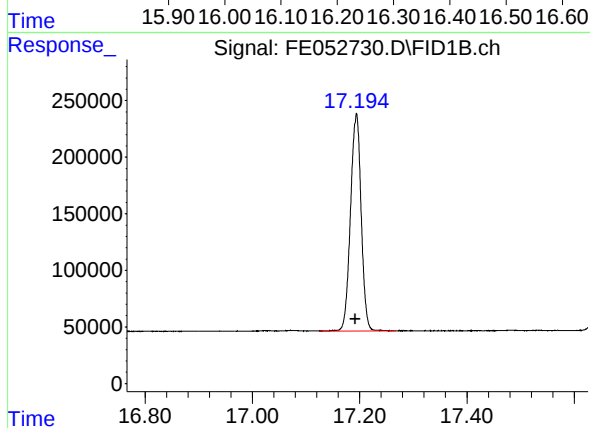
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.002 min
Response: 2602965
Conc: 18.19 ug/ml



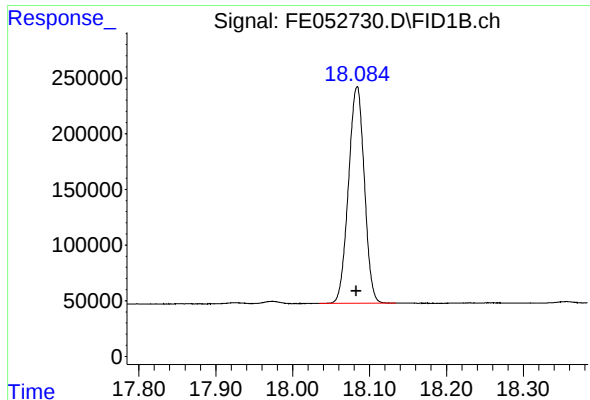
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 2598592
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

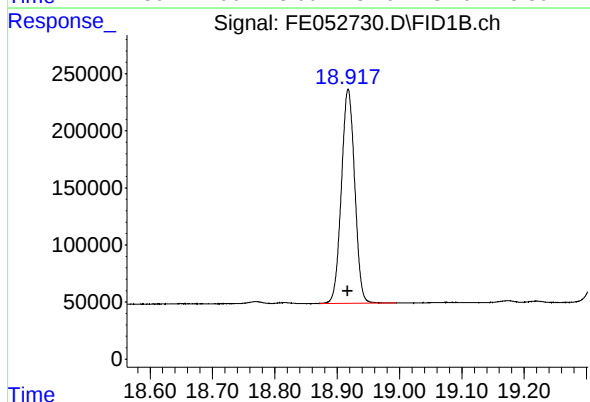
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 2646076
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

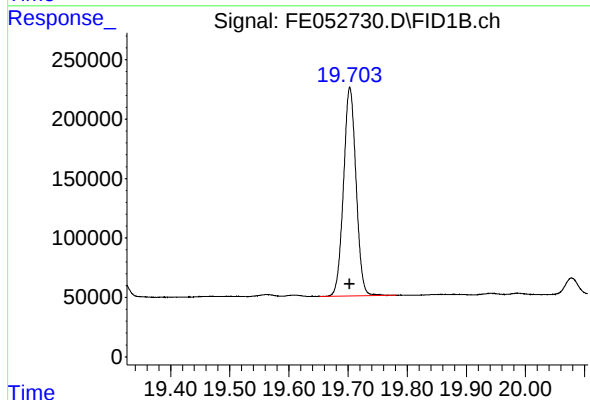
R.T.: 18.084 min
Delta R.T.: 0.000 min
Response: 2787505
Conc: 18.87 ug/ml

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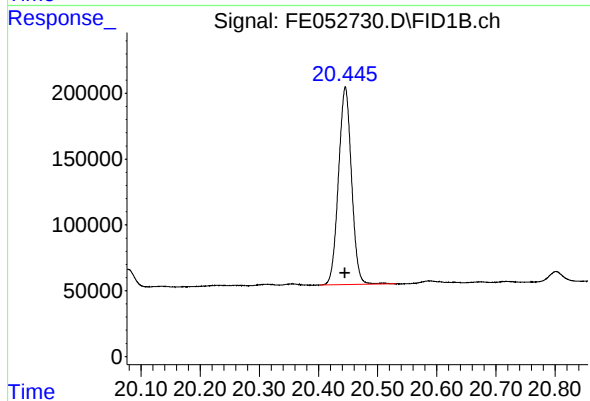
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.000 min
Response: 2782577
Conc: 19.17 ug/ml



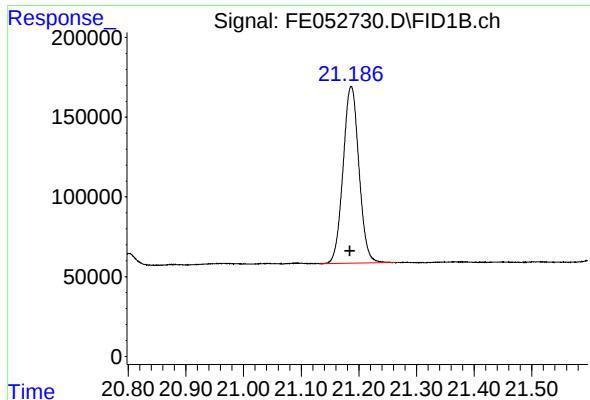
#19 n-Tetatriacontane (C34)

R.T.: 19.703 min
Delta R.T.: 0.000 min
Response: 2580001
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

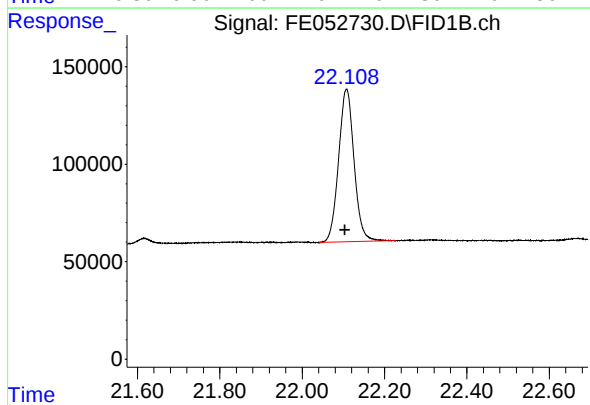
R.T.: 20.445 min
Delta R.T.: 0.000 min
Response: 2298203
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.002 min
Response: 2121053
Conc: 19.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: 0.003 min
Response: 2038648
Conc: 18.86 ug/ml