

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101824AL\
 Data File : FE050727.D
 Signal(s) : FID1B.ch
 Acq On : 18 Oct 2024 09:13
 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: Oct 18 11:48:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.869	3380581	21.443 ug/ml
Spiked Amount 50.000		Recovery =	42.89%
12) S 1-chlorooctadecane (S...	13.302	2567532	21.705 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T n-Nonane (C9)	3.252	3055391	21.625 ug/ml
2) T n-Decane (C10)	4.504	3142737	21.904 ug/ml
3) T A~Naphthalene (C11.7)	6.217	3179126	22.233 ug/ml
4) T n-Dodecane (C12)	6.672	3172547	22.042 ug/ml
5) T A~2-methylnaphthalene...	7.313	2971451	22.429 ug/ml
6) T n-Tetradecane (C14)	8.500	3124495	21.839 ug/ml
7) T n-Hexadecane (C16)	10.106	3195290	21.712 ug/ml
8) T n-Octadecane (C18)	11.547	3209535	21.487 ug/ml
10) T n-Eicosane (C20)	12.856	3063712	21.365 ug/ml
11) T n-Heneicosane (C21)	13.467	3004481	21.394 ug/ml
13) T n-Docosane (C22)	14.054	2981505	21.252 ug/ml
14) T n-Tetracosane (C24)	15.156	2977373	21.075 ug/ml
15) T n-Hexacosane (C26)	16.175	2992458	21.266 ug/ml
16) T n-Octacosane (C28)	17.124	2993879	20.460 ug/ml
17) T n-Tricontane (C30)	18.012	3247000	20.421 ug/ml
18) T n-Dotriacontane (C32)	18.843	3229294	19.920 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3002419	20.440 ug/ml
20) T n-Hexatriacontane (C36)	20.366	2657359	20.955 ug/ml
21) T n-Octatriacontane (C38)	21.092	2961190	23.949 ug/ml
22) T n-Tetracontane (C40)	21.983	1879186	16.876 ug/ml

(f)=RT Delta > 1/2 Window

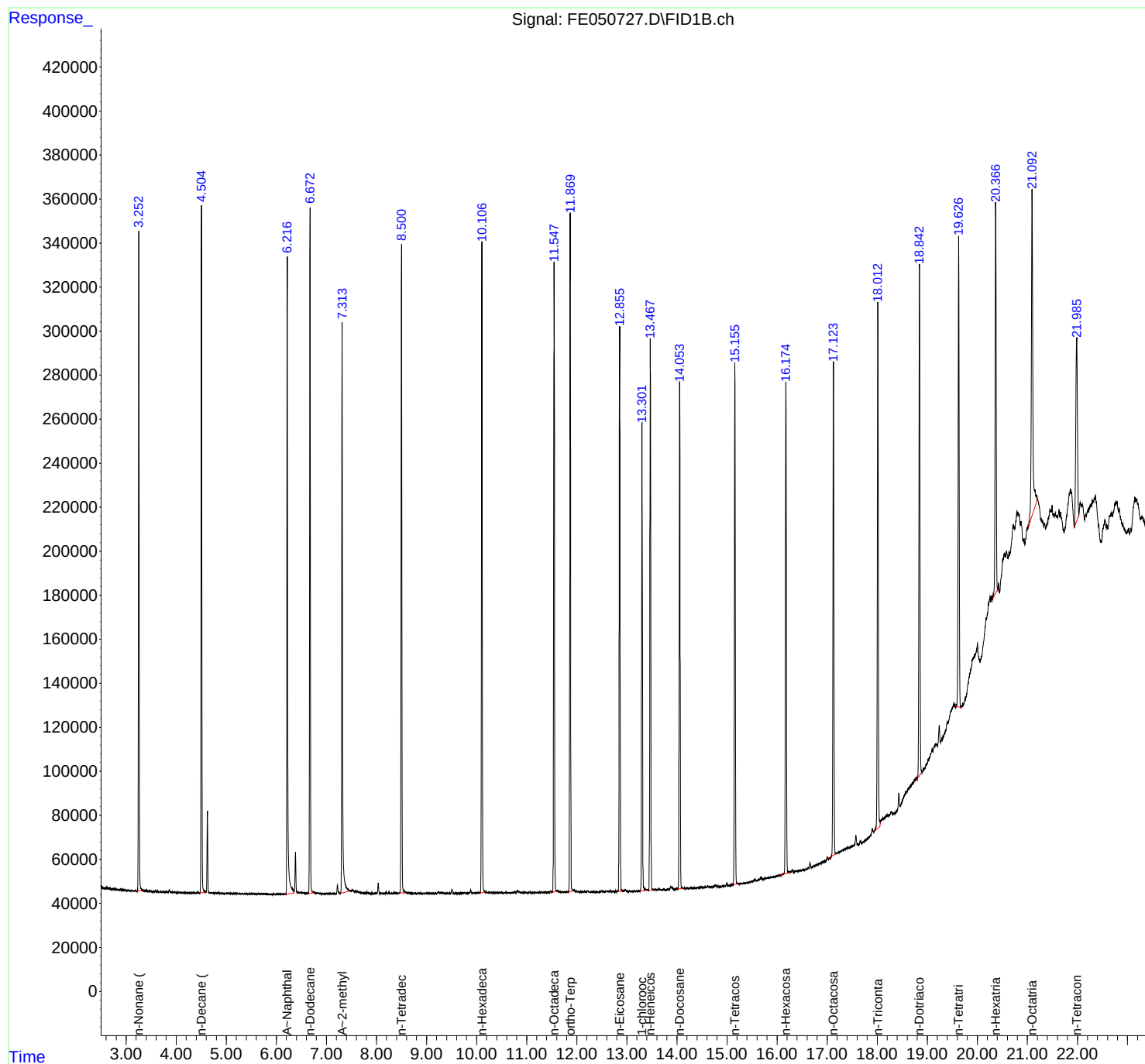
(m)=manual int.

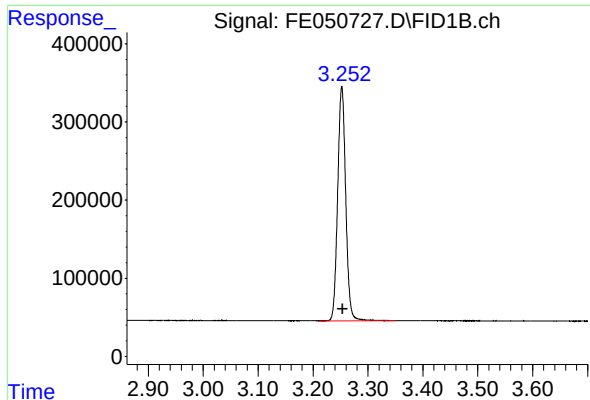
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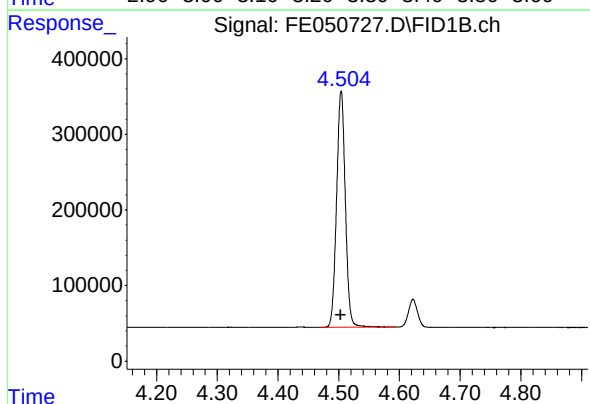




#1 n-Nonane (C9)

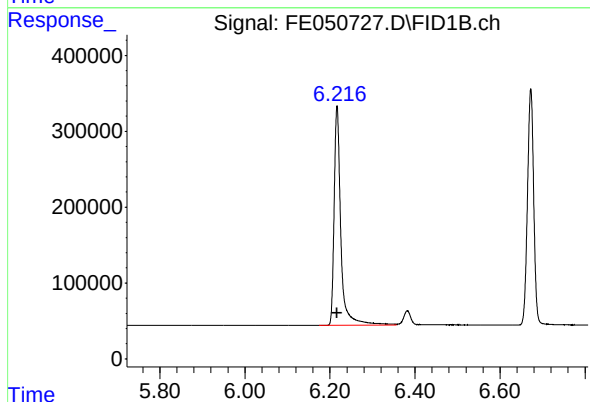
R.T.: 3.252 min
Delta R.T.: -0.002 min
Response: 3055391
Conc: 21.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



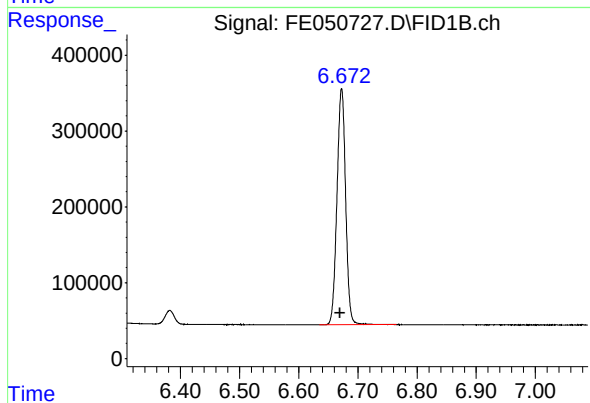
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.001 min
Response: 3142737
Conc: 21.90 ug/ml



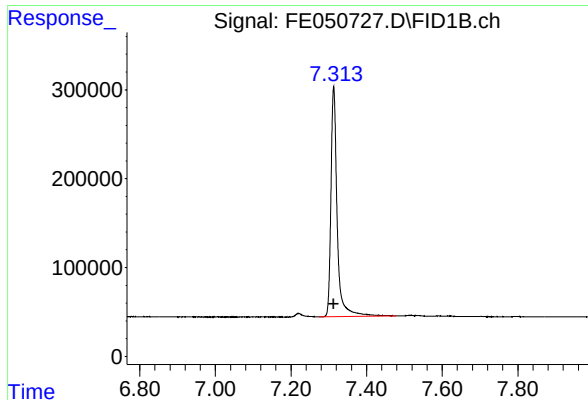
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 3179126
Conc: 22.23 ug/ml



#4 n-Dodecane (C12)

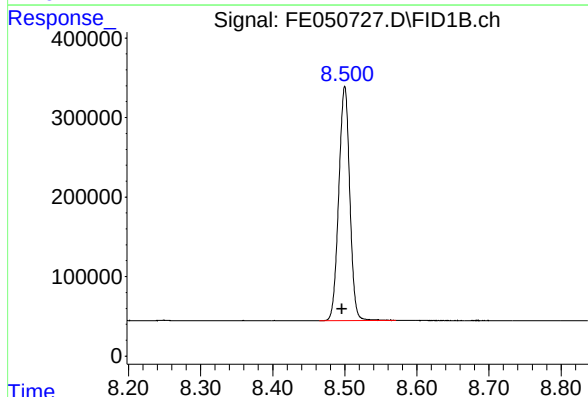
R.T.: 6.672 min
Delta R.T.: 0.003 min
Response: 3172547
Conc: 22.04 ug/ml



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

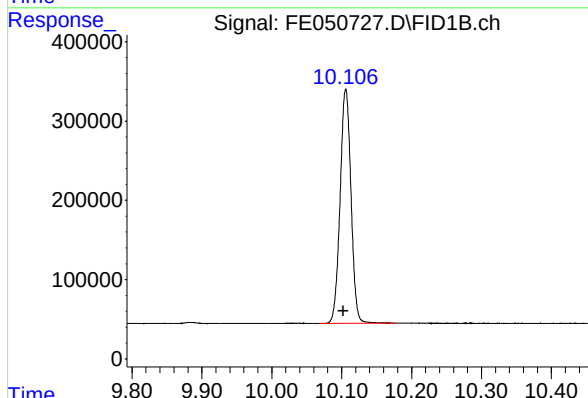
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 2971451
Conc: 22.43 ug/ml

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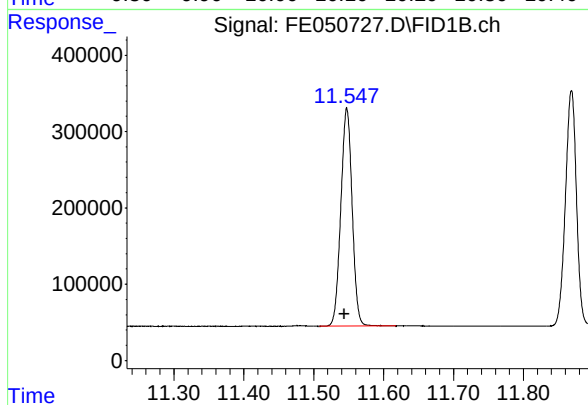
#6 n-Tetradecane (C14)

R.T.: 8.500 min
Delta R.T.: 0.003 min
Response: 3124495
Conc: 21.84 ug/ml



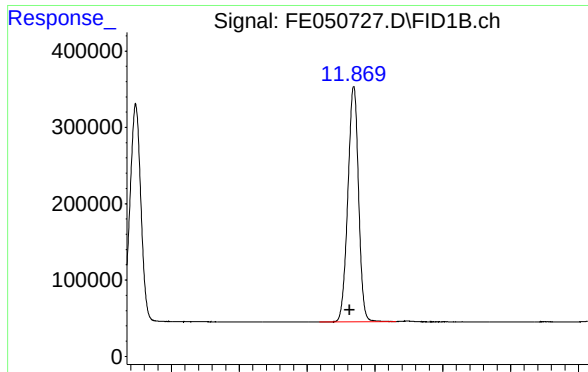
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: 0.004 min
Response: 3195290
Conc: 21.71 ug/ml



#8 n-Octadecane (C18)

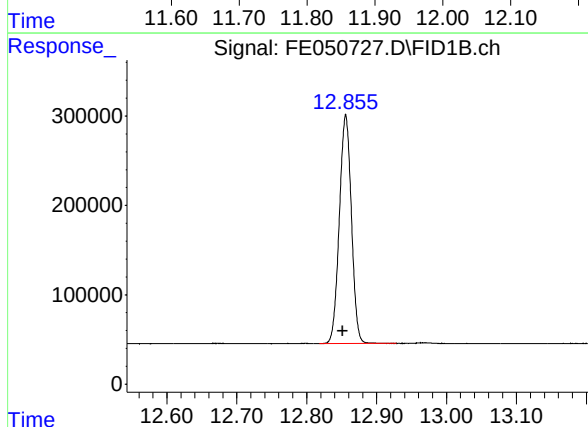
R.T.: 11.547 min
Delta R.T.: 0.004 min
Response: 3209535
Conc: 21.49 ug/ml



#9 ortho-Terphenyl (SURR)

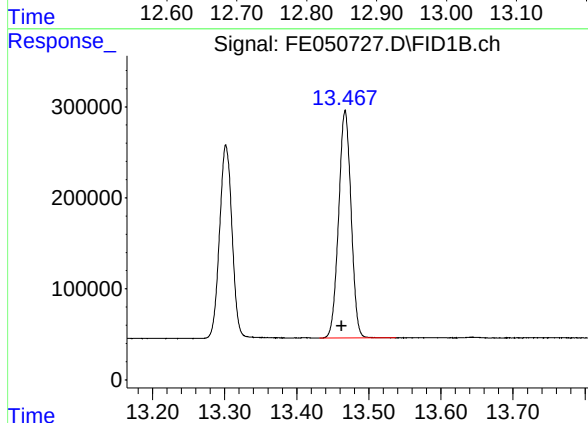
R.T.: 11.869 min
Delta R.T.: 0.005 min
Response: 3380581
Conc: 21.44 ug/ml

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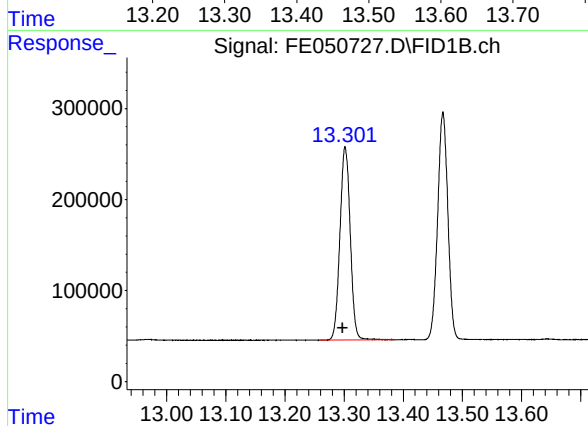
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: 0.004 min
Response: 3063712
Conc: 21.36 ug/ml



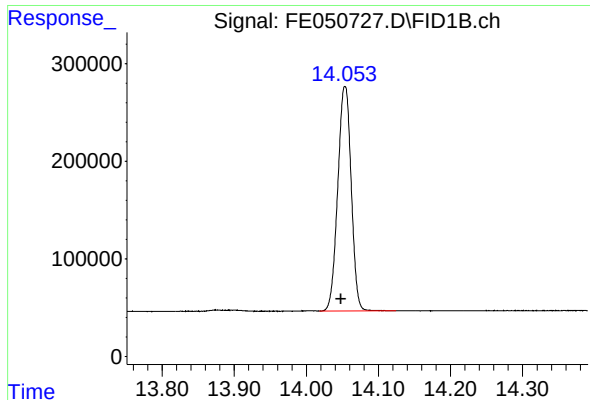
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: 0.005 min
Response: 3004481
Conc: 21.39 ug/ml



#12 1-chlorooctadecane (SURR)

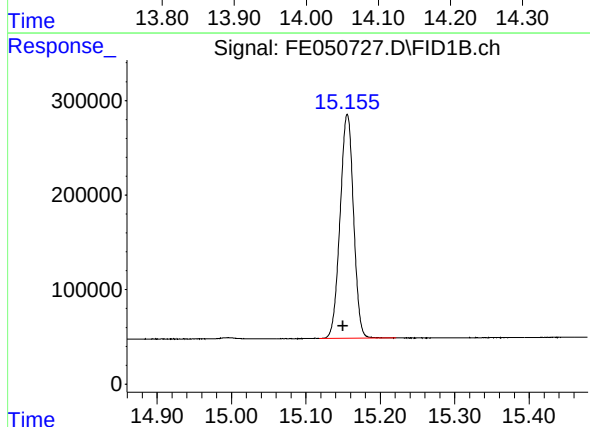
R.T.: 13.302 min
Delta R.T.: 0.004 min
Response: 2567532
Conc: 21.70 ug/ml



#13 n-Docosane (C22)

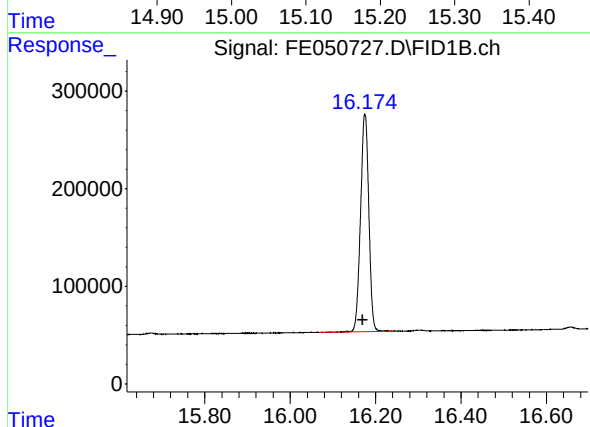
R.T.: 14.054 min
Delta R.T.: 0.006 min
Response: 2981505
Conc: 21.25 ug/ml

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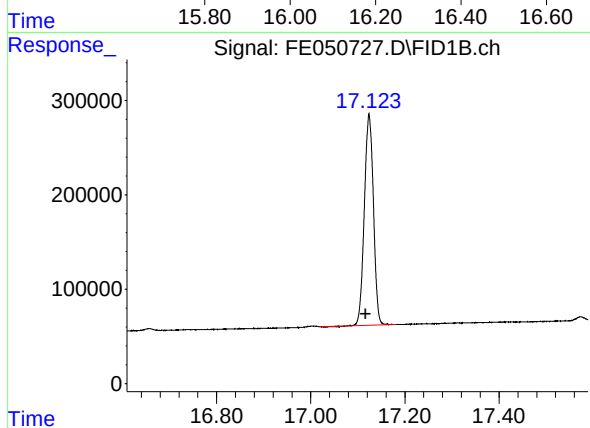
#14 n-Tetracosane (C24)

R.T.: 15.156 min
Delta R.T.: 0.006 min
Response: 2977373
Conc: 21.07 ug/ml



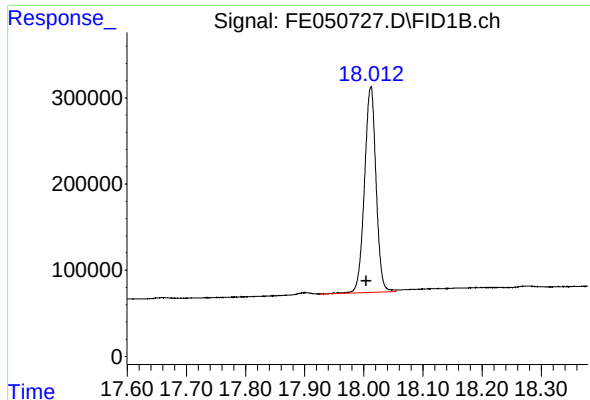
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.006 min
Response: 2992458
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

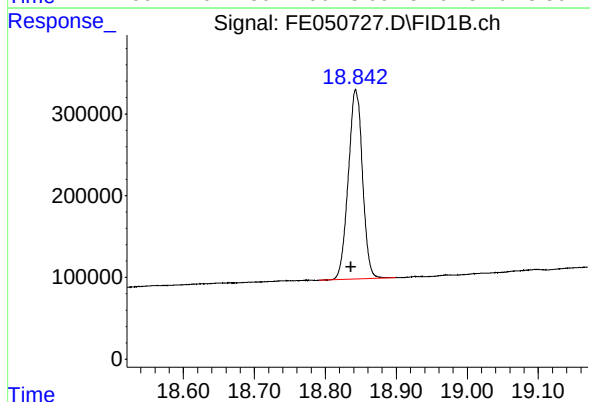
R.T.: 17.124 min
Delta R.T.: 0.007 min
Response: 2993879
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

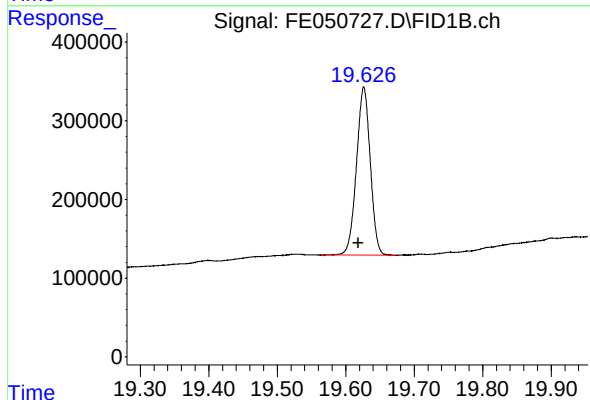
R.T.: 18.012 min
Delta R.T.: 0.007 min
Response: 3247000
Conc: 20.42 ug/ml

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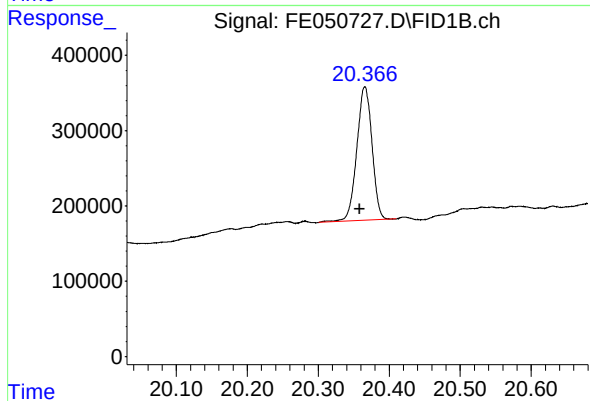
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.007 min
Response: 3229294
Conc: 19.92 ug/ml



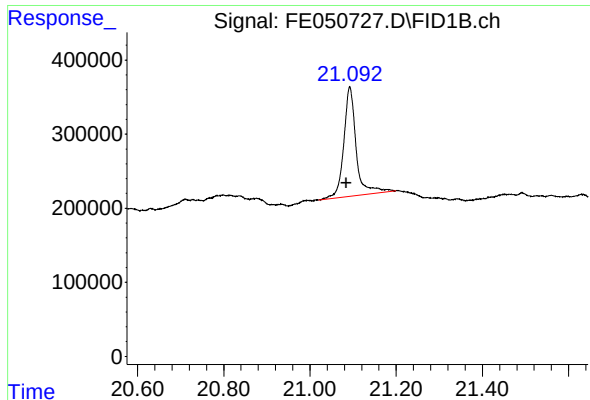
#19 n-Tetatriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.008 min
Response: 3002419
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

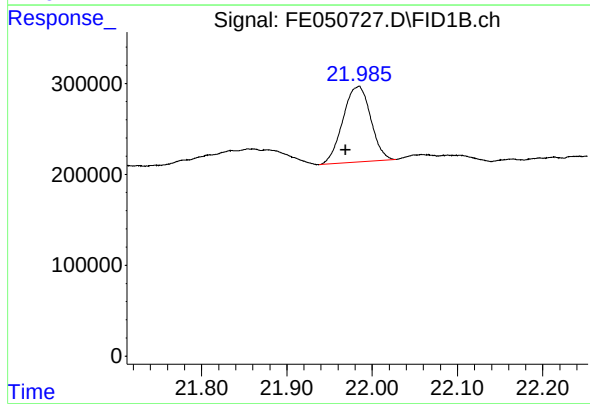
R.T.: 20.366 min
Delta R.T.: 0.007 min
Response: 2657359
Conc: 20.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: 0.008 min
Response: 2961190
Conc: 23.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: 0.014 min
Response: 1879186
Conc: 16.88 ug/ml