

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056089.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 15:43
 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 01 04:01:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.073	3821125	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
12) S 1-chlorooctadecane (S...	13.509	2886418	20.681 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
Target Compounds			
1) T n-Nonane (C9)	3.414	2631593	19.210 ug/ml
2) T n-Decane (C10)	4.673	2748147	19.691 ug/ml
3) T A~Naphthalene (C11.7)	6.391	3300961	20.674 ug/ml
4) T n-Dodecane (C12)	6.847	2945576	20.523 ug/ml
5) T A~2-methylnaphthalene...	7.492	3252428	20.913 ug/ml
6) T n-Tetradecane (C14)	8.683	3144205	21.267 ug/ml
7) T n-Hexadecane (C16)	10.297	3426294	21.562 ug/ml
8) T n-Octadecane (C18)	11.746	3586440	21.174 ug/ml
10) T n-Eicosane (C20)	13.061	3419351	20.628 ug/ml
11) T n-Heneicosane (C21)	13.675	3290868	20.253 ug/ml
13) T n-Docosane (C22)	14.262	3172029	19.851 ug/ml
14) T n-Tetracosane (C24)	15.369	2944895	19.326 ug/ml
15) T n-Hexacosane (C26)	16.393	2742828	19.230 ug/ml
16) T n-Octacosane (C28)	17.345	2646486	18.998 ug/ml
17) T n-Tricontane (C30)	18.235	2729281	18.419 ug/ml
18) T n-Dotriacontane (C32)	19.068	2753325	18.454 ug/ml
19) T n-Tetratriacontane (C34)	19.855	2665936	18.847 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2504013	19.506 ug/ml
21) T n-Octatriacontane (C38)	21.372	2471920	18.820 ug/ml
22) T n-Tetracontane (C40)	22.356	2357070	19.813 ug/ml

(f)=RT Delta > 1/2 Window

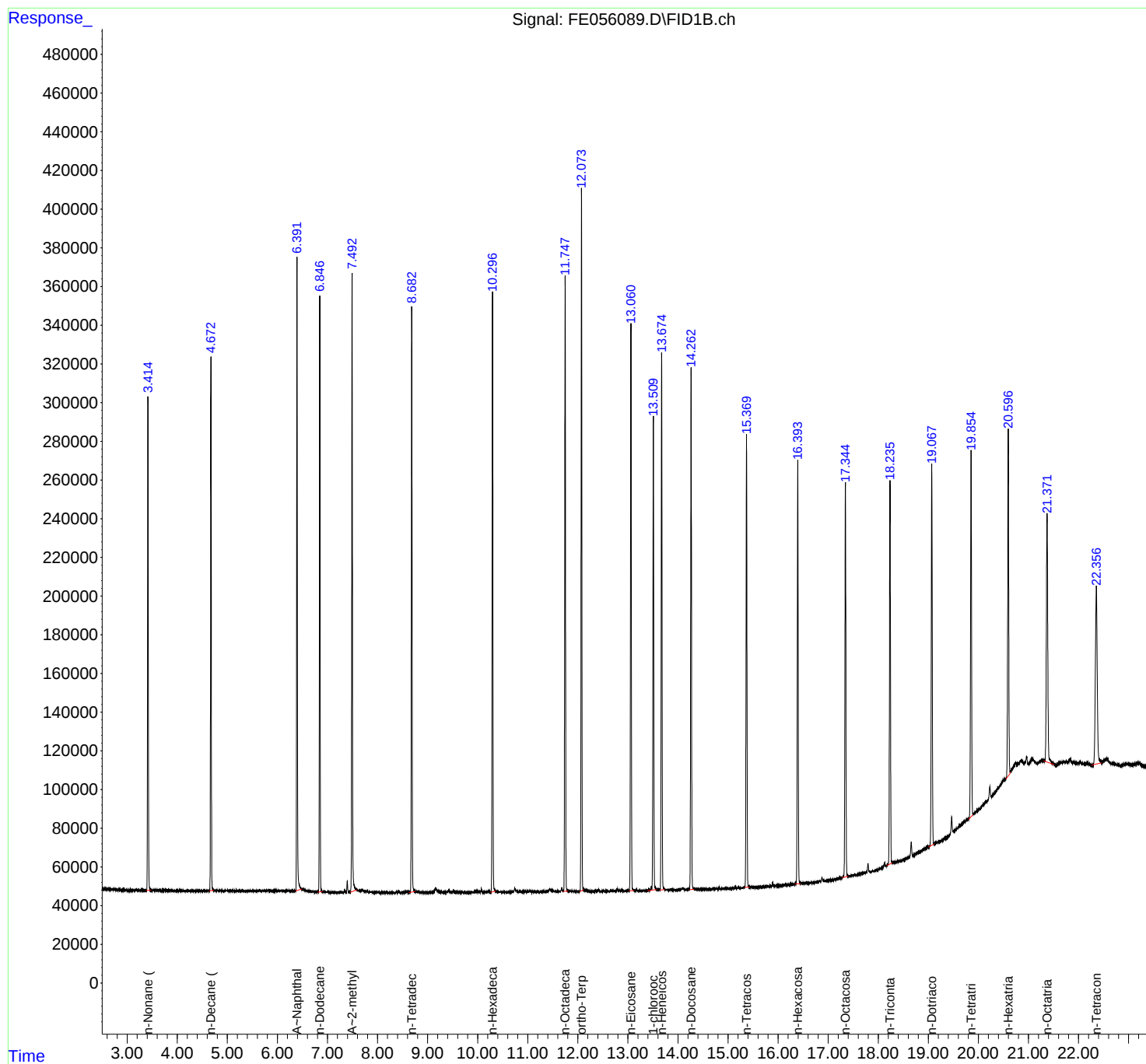
(m)=manual int.

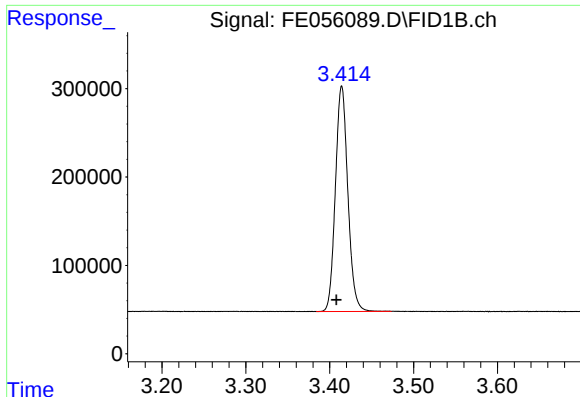
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
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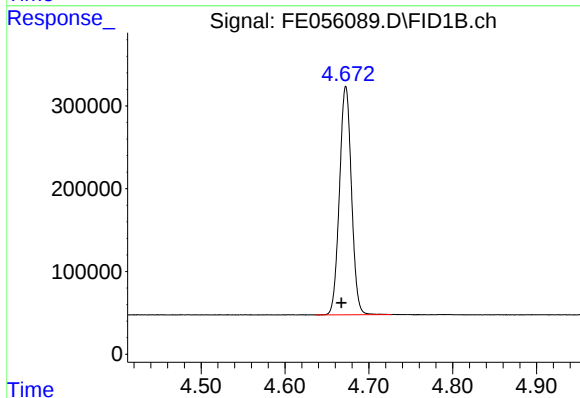




#1 n-Nonane (C9)

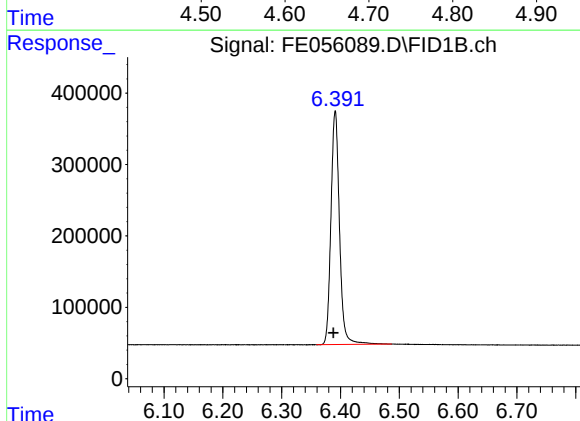
R.T.: 3.414 min
Delta R.T.: 0.006 min
Response: 2631593
Conc: 19.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



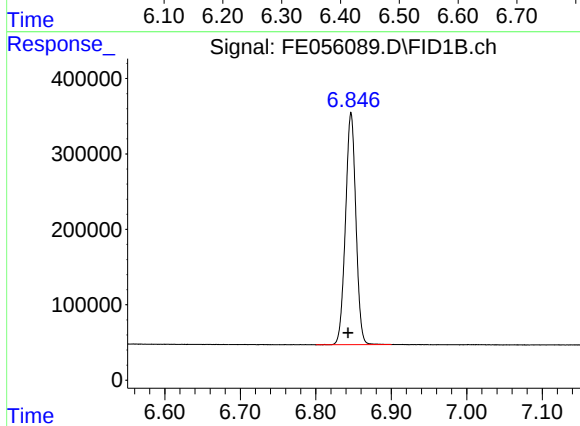
#2 n-Decane (C10)

R.T.: 4.673 min
Delta R.T.: 0.005 min
Response: 2748147
Conc: 19.69 ug/ml



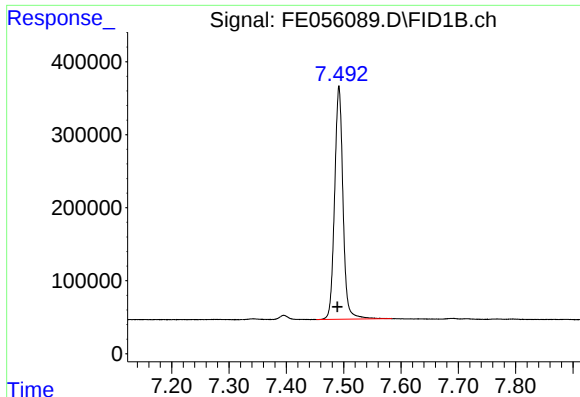
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: 0.003 min
Response: 3300961
Conc: 20.67 ug/ml



#4 n-Dodecane (C12)

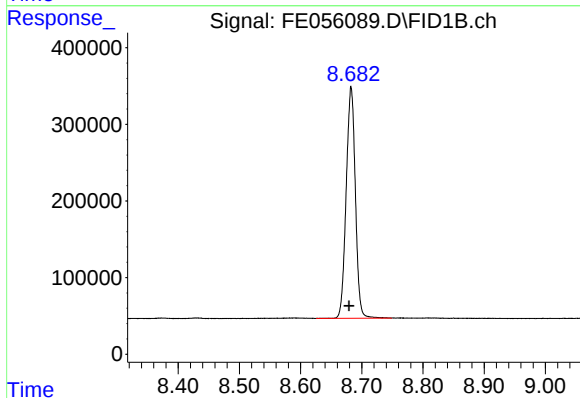
R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 2945576
Conc: 20.52 ug/ml



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

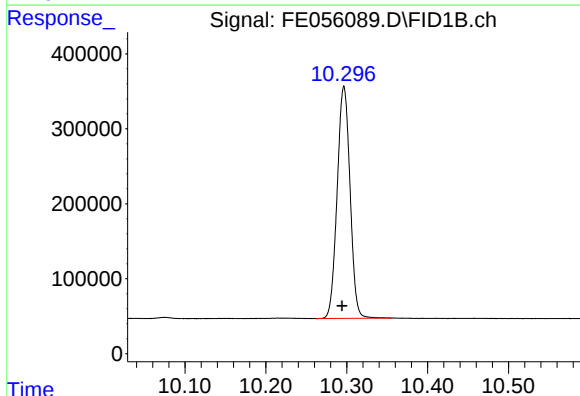
R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 3252428
Conc: 20.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



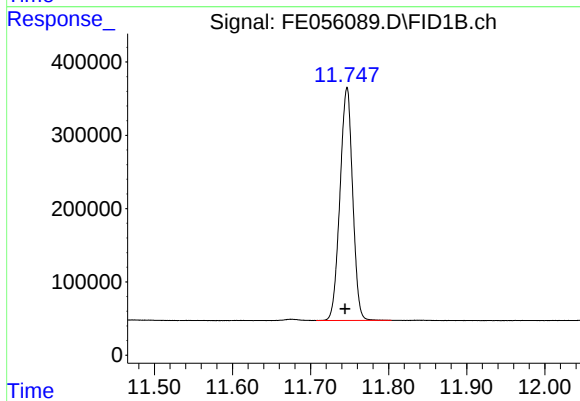
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.003 min
Response: 3144205
Conc: 21.27 ug/ml



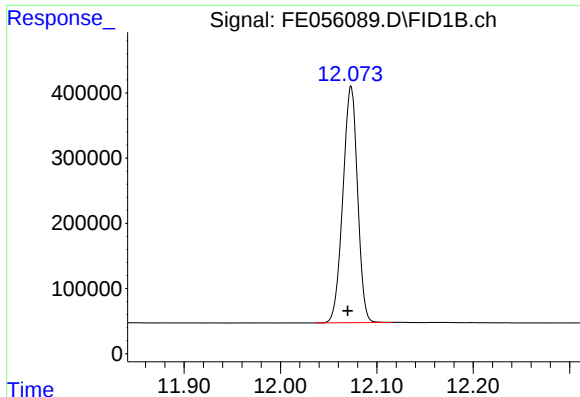
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 3426294
Conc: 21.56 ug/ml



#8 n-Octadecane (C18)

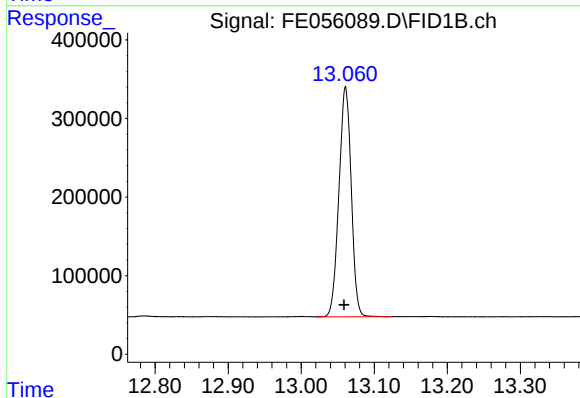
R.T.: 11.746 min
Delta R.T.: 0.002 min
Response: 3586440
Conc: 21.17 ug/ml



#9 ortho-Terphenyl (SURR)

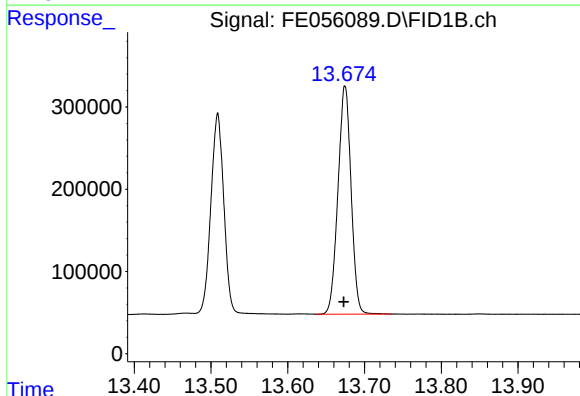
R.T.: 12.073 min
Delta R.T.: 0.003 min
Response: 3821125
Conc: 20.36 ug/ml

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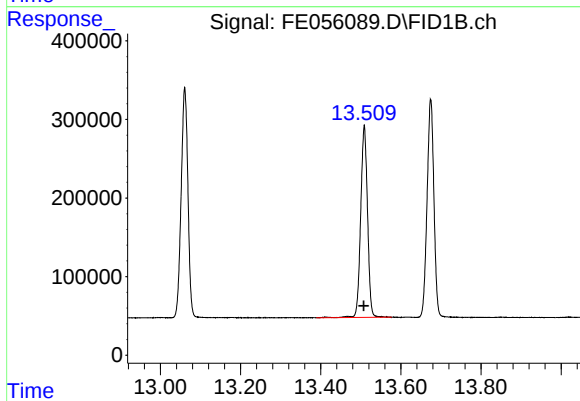
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 3419351
Conc: 20.63 ug/ml



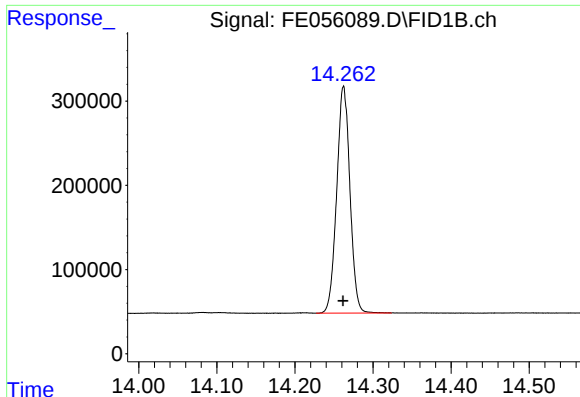
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.002 min
Response: 3290868
Conc: 20.25 ug/ml



#12 1-chlorooctadecane (SURR)

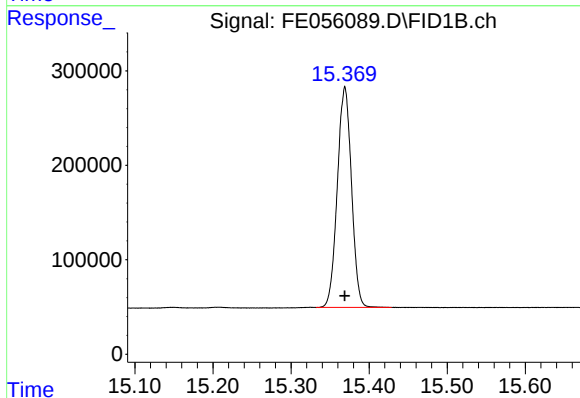
R.T.: 13.509 min
Delta R.T.: 0.001 min
Response: 2886418
Conc: 20.68 ug/ml



#13 n-Docosane (C22)

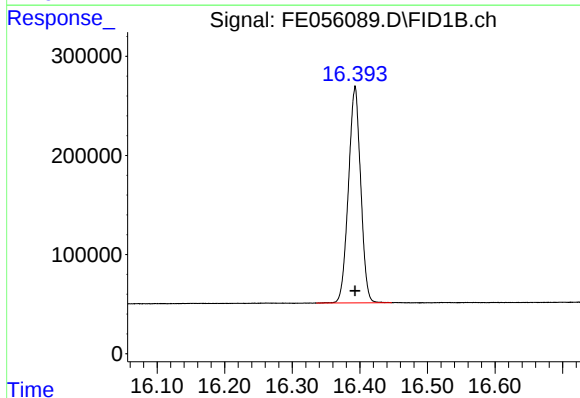
R.T.: 14.262 min
Delta R.T.: 0.000 min
Response: 3172029
Conc: 19.85 ug/ml

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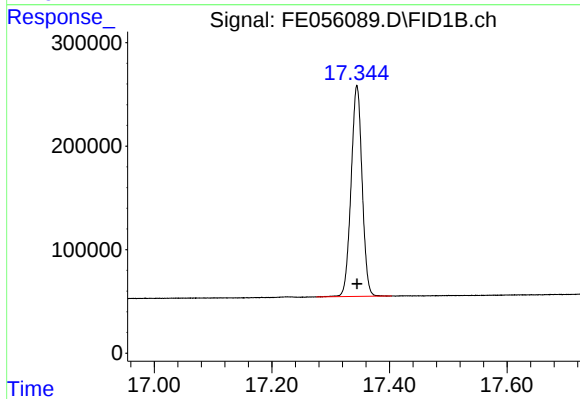
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 2944895
Conc: 19.33 ug/ml



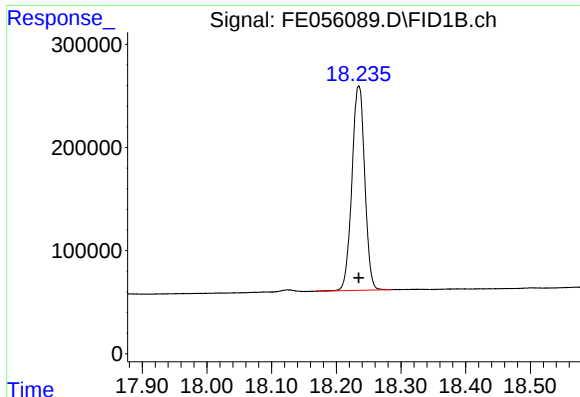
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 2742828
Conc: 19.23 ug/ml



#16 n-Octacosane (C28)

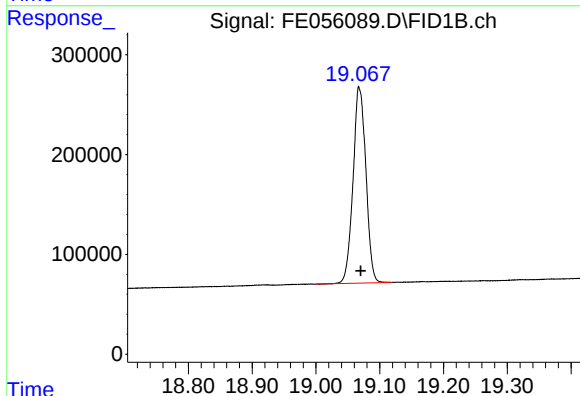
R.T.: 17.345 min
Delta R.T.: 0.000 min
Response: 2646486
Conc: 19.00 ug/ml



#17 n-Tricontane (C30)

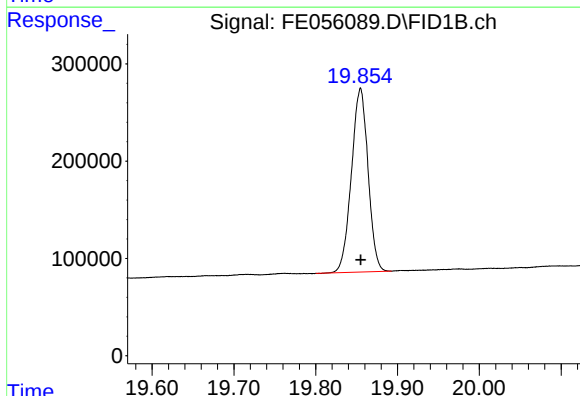
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2729281
Conc: 18.42 ug/ml

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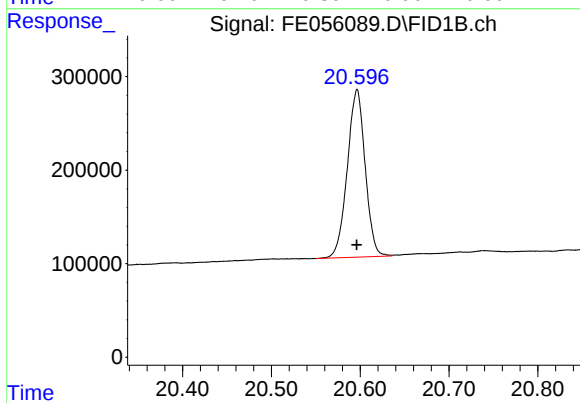
#18 n-Dotriacontane (C32)

R.T.: 19.068 min
Delta R.T.: -0.002 min
Response: 2753325
Conc: 18.45 ug/ml



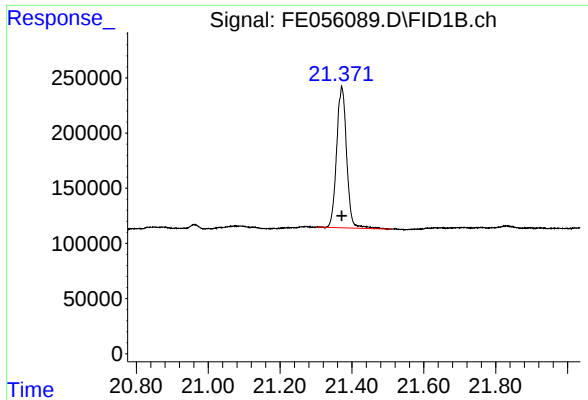
#19 n-Tetratriacontane (C34)

R.T.: 19.855 min
Delta R.T.: 0.000 min
Response: 2665936
Conc: 18.85 ug/ml



#20 n-Hexatriacontane (C36)

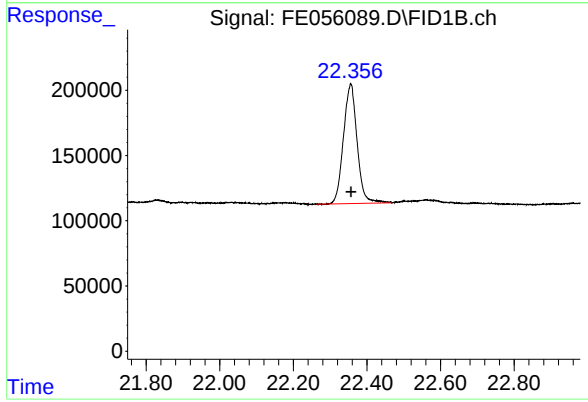
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2504013
Conc: 19.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 2471920
Conc: 18.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.356 min
Delta R.T.: 0.000 min
Response: 2357070
Conc: 19.81 ug/ml