

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
 Data File : FE042784.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jun 2023 13:07
 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: Jun 21 17:03:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.922	3525554	19.192 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
12) S 1-chlorooctadecane (S...	13.360	2616154	19.224 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.297	2965043	19.195 ug/ml
2) T n-Decane (C10)	4.550	3035552	19.217 ug/ml
3) T A~Naphthalene (C11.7)	6.260	3290237	19.432 ug/ml
4) T n-Dodecane (C12)	6.721	3082604	19.258 ug/ml
5) T A~2-methylnaphthalene...	7.358	3154848	19.458 ug/ml
6) T n-Tetradecane (C14)	8.551	3045871	19.138 ug/ml
7) T n-Hexadecane (C16)	10.159	3158206	19.176 ug/ml
8) T n-Octadecane (C18)	11.603	3187884	19.179 ug/ml
10) T n-Eicosane (C20)	12.913	3048671	19.212 ug/ml
11) T n-Heneicosane (C21)	13.526	2973357	19.218 ug/ml
13) T n-Docosane (C22)	14.111	2926473	19.211 ug/ml
14) T n-Tetracosane (C24)	15.216	2858007	19.262 ug/ml
15) T n-Hexacosane (C26)	16.237	2757400	19.288 ug/ml
16) T n-Octacosane (C28)	17.188	2678905	19.315 ug/ml
17) T n-Tricontane (C30)	18.074	2751432	19.455 ug/ml
18) T n-Dotriacontane (C32)	18.907	2736556	19.511 ug/ml
19) T n-Tetratriacontane (C34)	19.691	2659319	19.433 ug/ml
20) T n-Hexatriacontane (C36)	20.432	2552279	19.084 ug/ml
21) T n-Octatriacontane (C38)	21.176	2587401	18.977 ug/ml
22) T n-Tetracontane (C40)	22.098	2623598	18.857 ug/ml

(f)=RT Delta > 1/2 Window

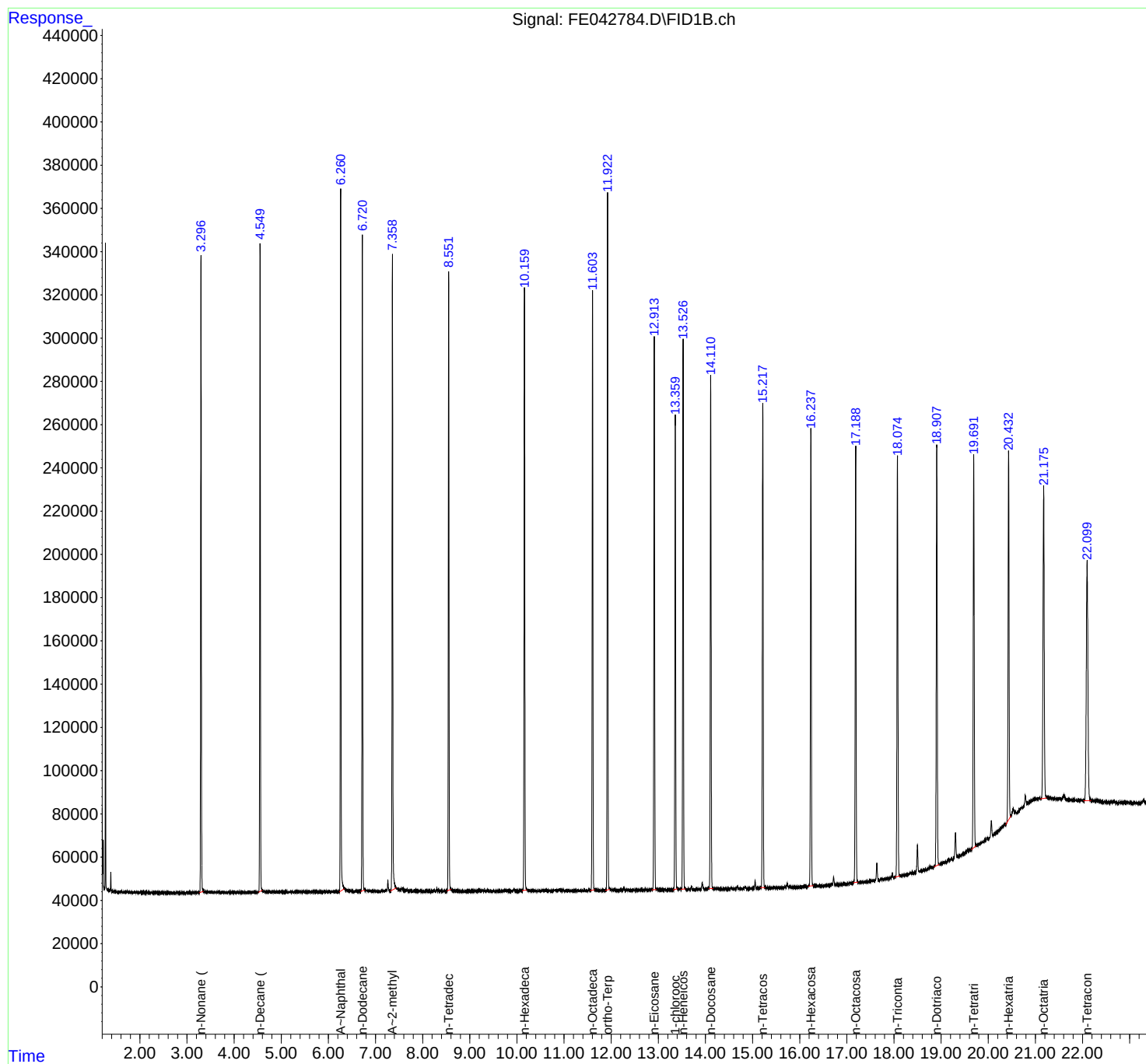
(m)=manual int.

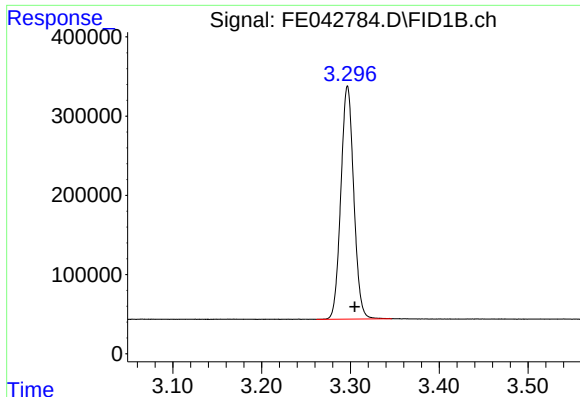
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062123AL\
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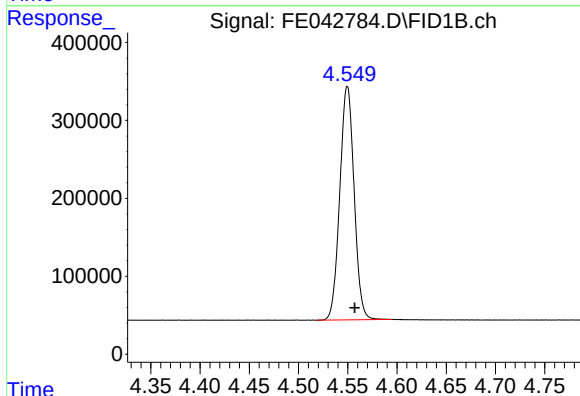




#1 n-Nonane (C9)

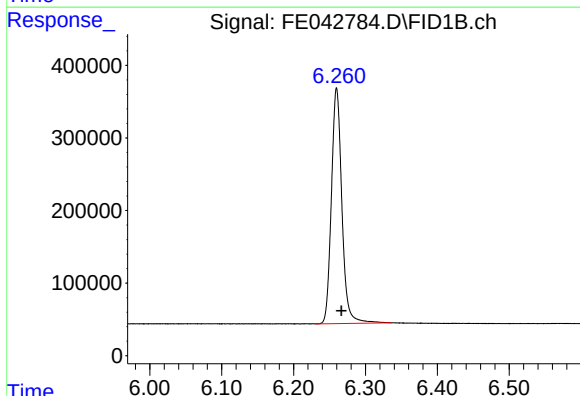
R.T.: 3.297 min
Delta R.T.: -0.008 min
Response: 2965043
Conc: 19.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



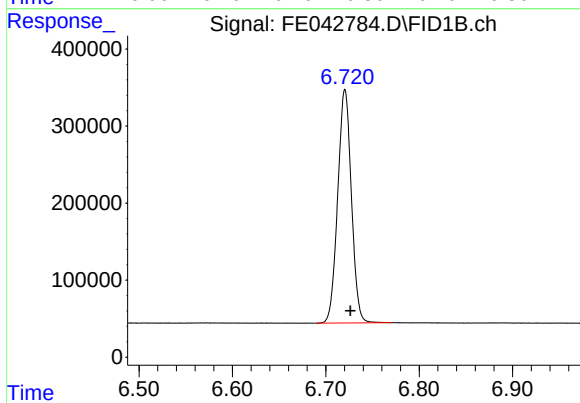
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 3035552
Conc: 19.22 ug/ml



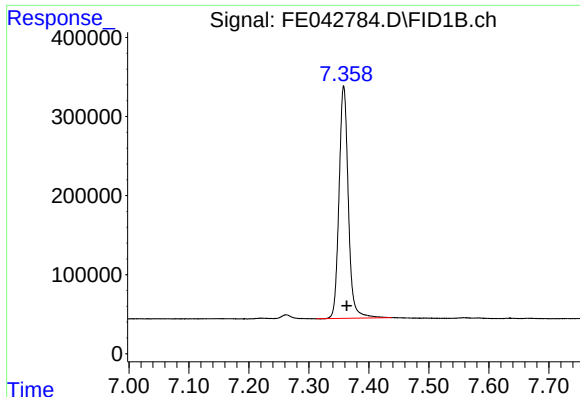
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.006 min
Response: 3290237
Conc: 19.43 ug/ml



#4 n-Dodecane (C12)

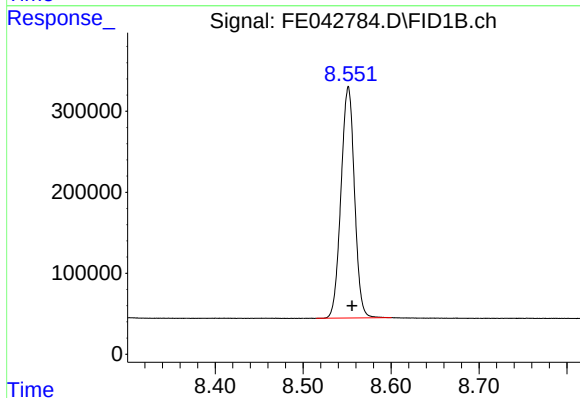
R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 3082604
Conc: 19.26 ug/ml



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

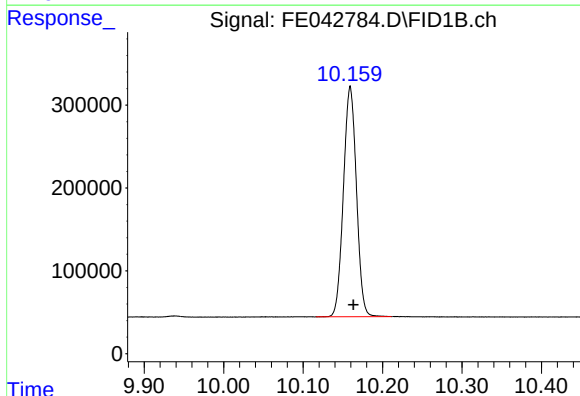
R.T.: 7.358 min
Delta R.T.: -0.005 min
Response: 3154848
Conc: 19.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



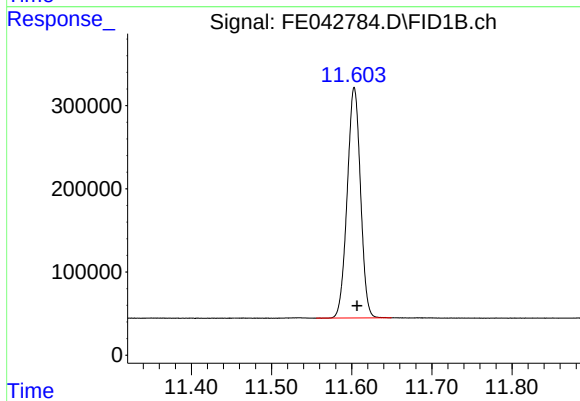
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 3045871
Conc: 19.14 ug/ml



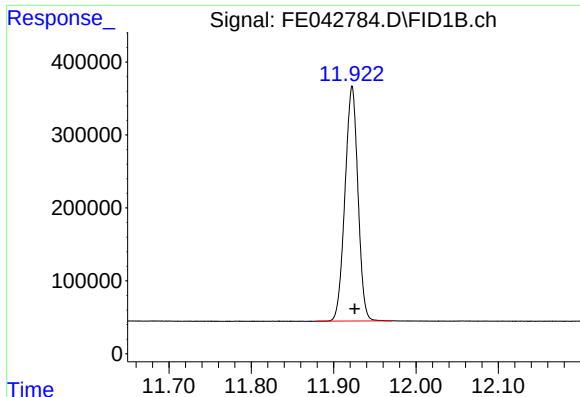
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.004 min
Response: 3158206
Conc: 19.18 ug/ml



#8 n-Octadecane (C18)

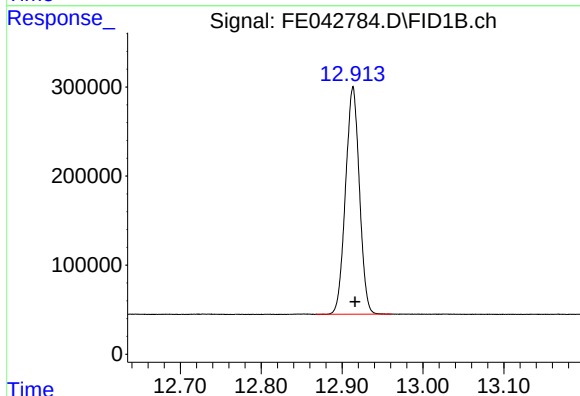
R.T.: 11.603 min
Delta R.T.: -0.003 min
Response: 3187884
Conc: 19.18 ug/ml



#9 ortho-Terphenyl (SURR)

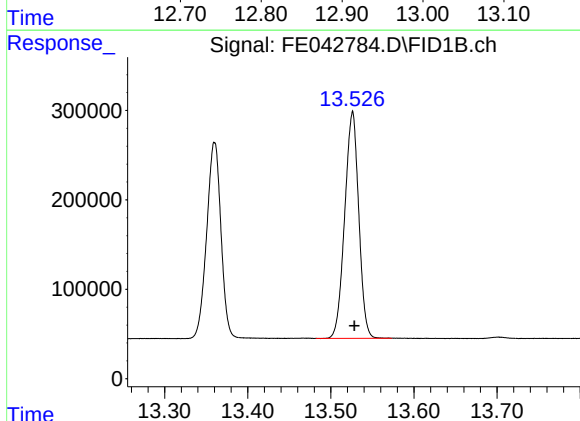
R.T.: 11.922 min
Delta R.T.: -0.003 min
Response: 3525554
Conc: 19.19 ug/ml

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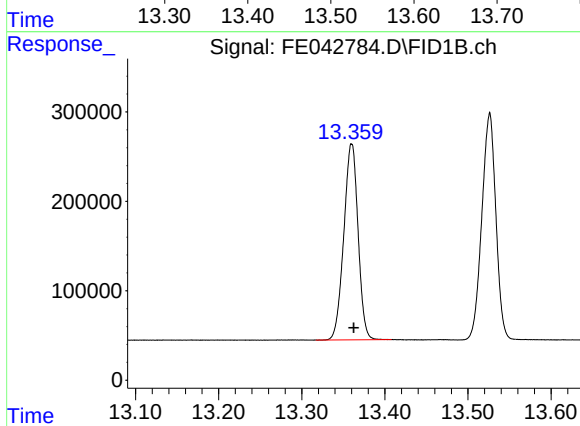
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: -0.003 min
Response: 3048671
Conc: 19.21 ug/ml



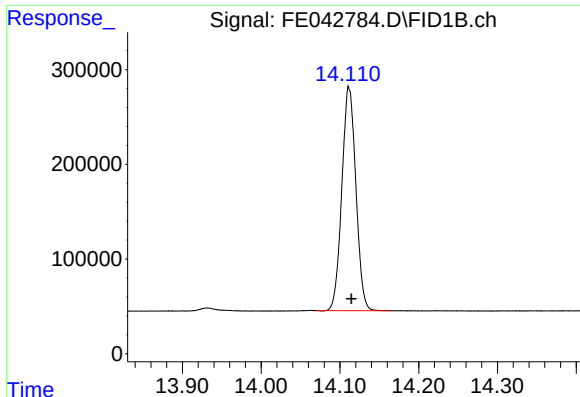
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.002 min
Response: 2973357
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

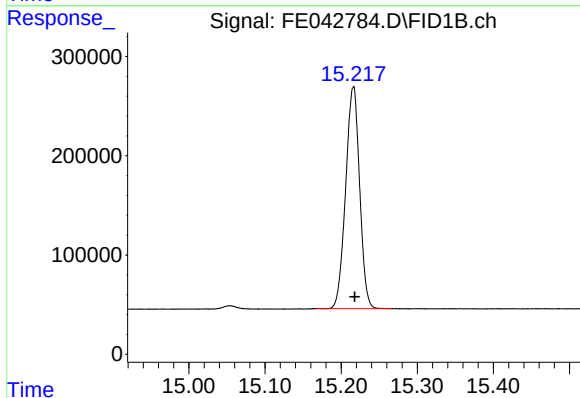
R.T.: 13.360 min
Delta R.T.: -0.003 min
Response: 2616154
Conc: 19.22 ug/ml



#13 n-Docosane (C22)

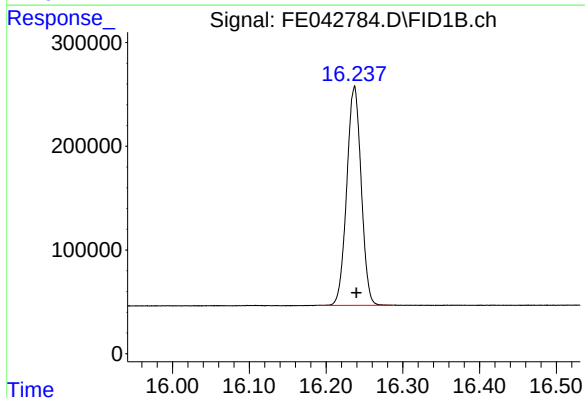
R.T.: 14.111 min
Delta R.T.: -0.003 min
Response: 2926473
Conc: 19.21 ug/ml

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20 PPM ALIPHATIC HC STD



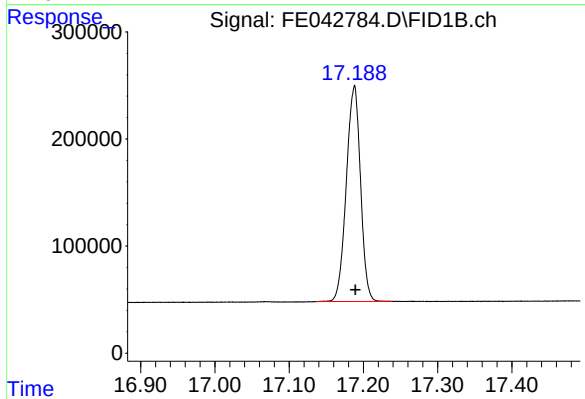
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.002 min
Response: 2858007
Conc: 19.26 ug/ml



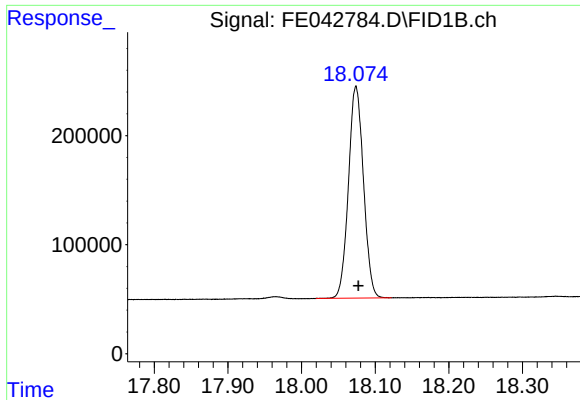
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.003 min
Response: 2757400
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

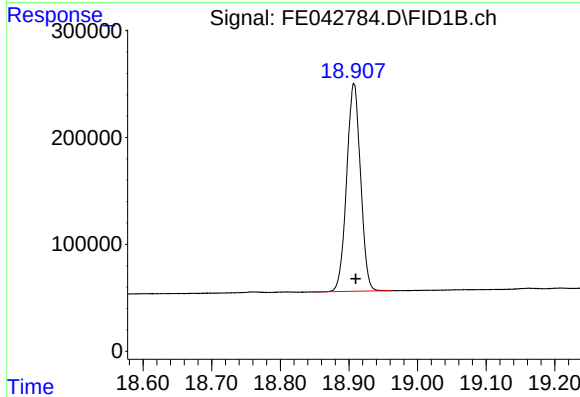
R.T.: 17.188 min
Delta R.T.: -0.001 min
Response: 2678905
Conc: 19.31 ug/ml



#17 n-Tricontane (C30)

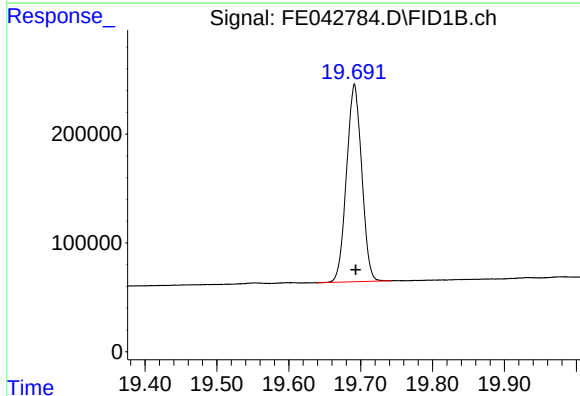
R.T.: 18.074 min
Delta R.T.: -0.003 min
Response: 2751432
Conc: 19.45 ug/ml

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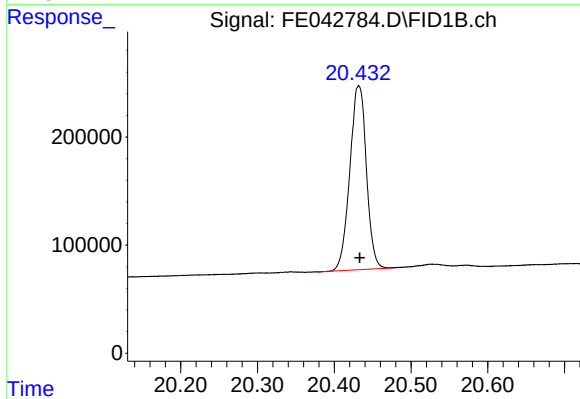
#18 n-Dotriacontane (C32)

R.T.: 18.907 min
Delta R.T.: -0.003 min
Response: 2736556
Conc: 19.51 ug/ml



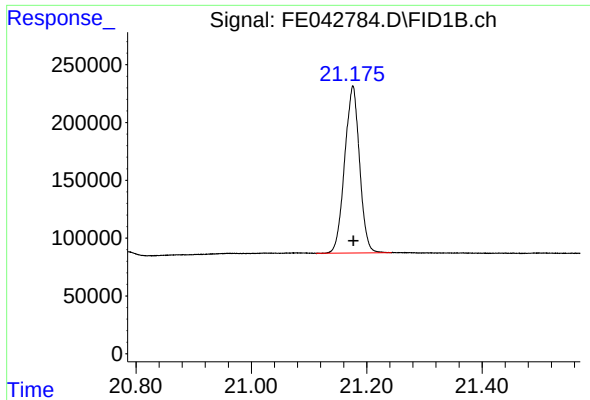
#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: -0.002 min
Response: 2659319
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

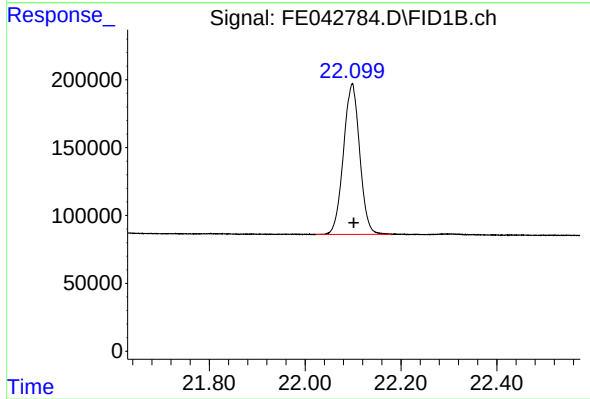
R.T.: 20.432 min
Delta R.T.: -0.001 min
Response: 2552279
Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: 0.000 min
Response: 2587401
Conc: 18.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.003 min
Response: 2623598
Conc: 18.86 ug/ml