

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050123AL\
 Data File : FE041630.D
 Signal(s) : FID1B.ch
 Acq On : 01 May 2023 13:17
 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: May 02 05:27:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.985	3929201	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
12) S 1-chlorooctadecane (S...	13.421	2899110	20.522 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
Target Compounds			
1) T n-Nonane (C9)	3.356	3186963	21.681 ug/ml
2) T n-Decane (C10)	4.611	3304633	22.034 ug/ml
3) T A~Naphthalene (C11.7)	6.319	3634682	21.963 ug/ml
4) T n-Dodecane (C12)	6.780	3331179	21.909 ug/ml
5) T A~2-methylnaphthalene...	7.416	3535261	21.924 ug/ml
6) T n-Tetradecane (C14)	8.610	3319993	21.856 ug/ml
7) T n-Hexadecane (C16)	10.220	3446966	21.600 ug/ml
8) T n-Octadecane (C18)	11.665	3491038	21.298 ug/ml
10) T n-Eicosane (C20)	12.976	3355418	20.861 ug/ml
11) T n-Heneicosane (C21)	13.589	3291318	20.652 ug/ml
13) T n-Docosane (C22)	14.176	3257936	20.448 ug/ml
14) T n-Tetracosane (C24)	15.280	3226023	20.010 ug/ml
15) T n-Hexacosane (C26)	16.302	3101542	19.618 ug/ml
16) T n-Octacosane (C28)	17.253	2994075	19.458 ug/ml
17) T n-Tricontane (C30)	18.141	3012973	19.783 ug/ml
18) T n-Dotriacontane (C32)	18.975	2939871	19.733 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2888628	20.505 ug/ml
20) T n-Hexatriacontane (C36)	20.501	2895904	21.655 ug/ml
21) T n-Octatriacontane (C38)	21.257	2912587	22.043 ug/ml
22) T n-Tetracontane (C40)	22.203	2920733	23.069 ug/ml

(f)=RT Delta > 1/2 Window

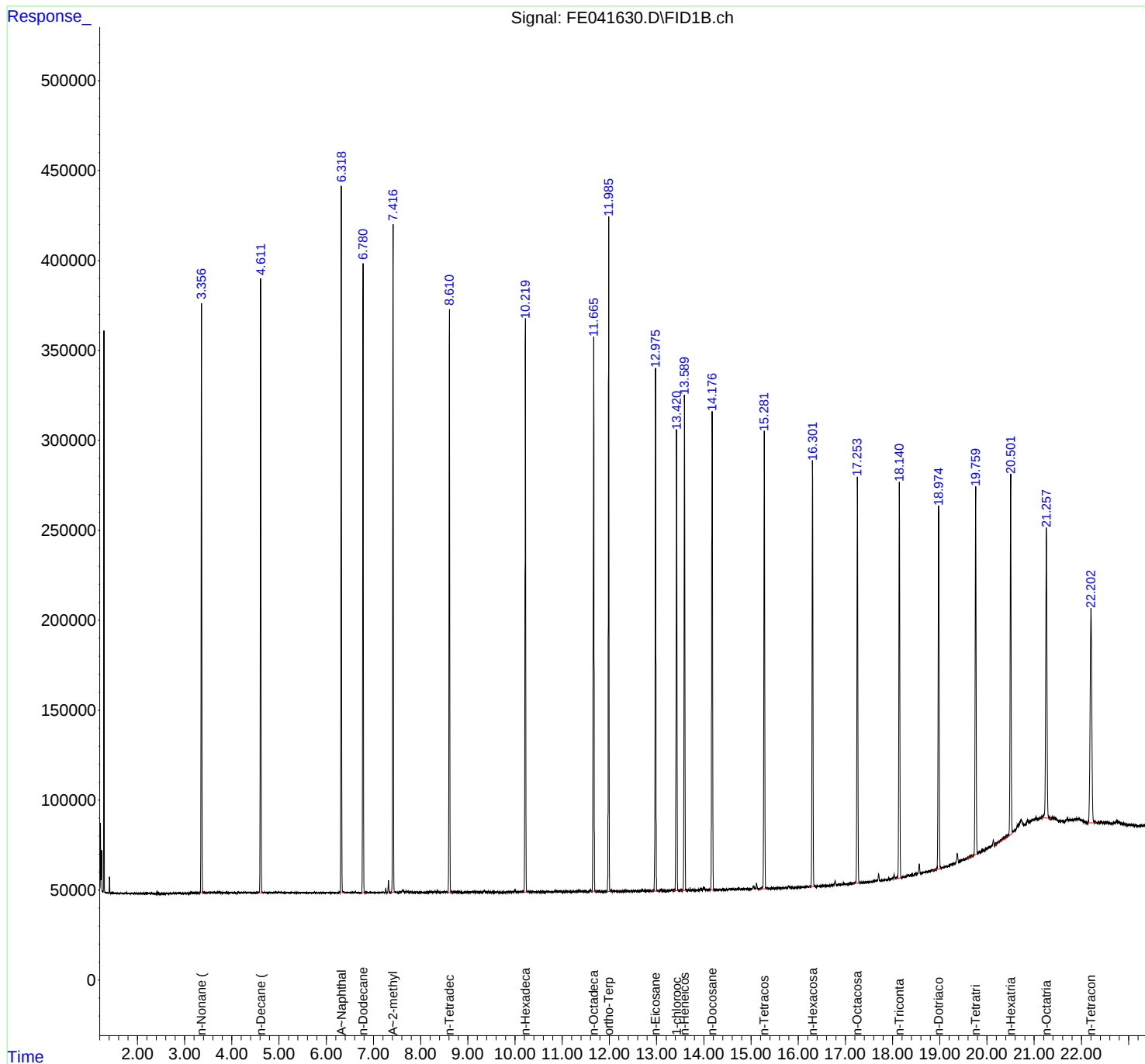
(m)=manual int.

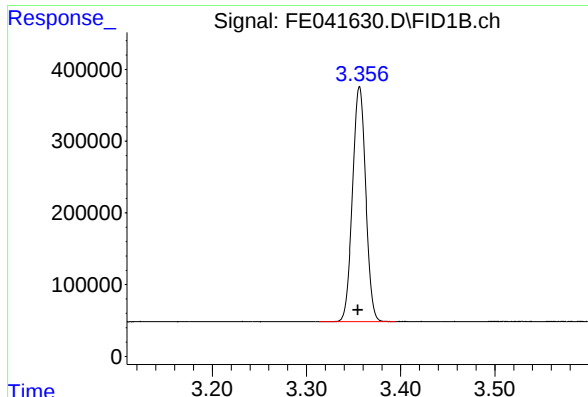
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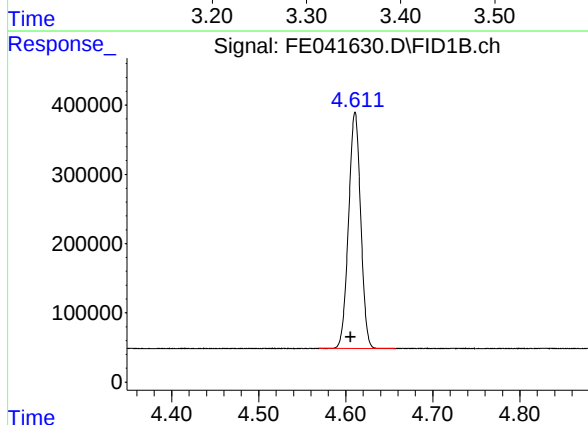




#1 n-Nonane (C9)

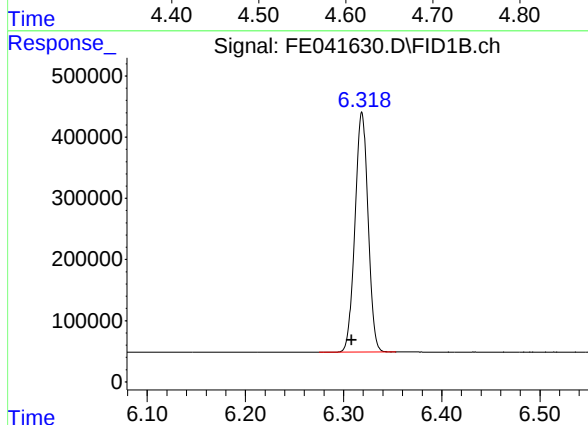
R.T.: 3.356 min
Delta R.T.: 0.001 min
Response: 3186963
Conc: 21.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



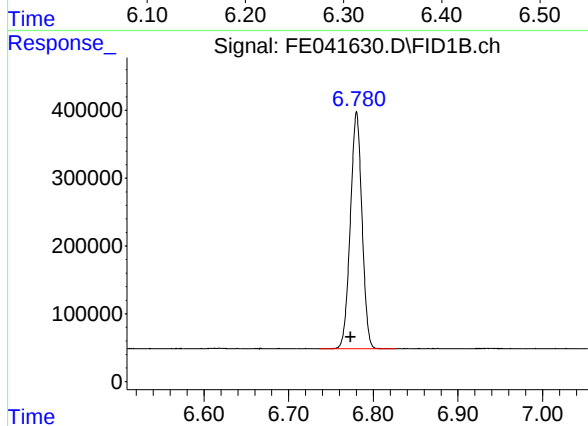
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 3304633
Conc: 22.03 ug/ml



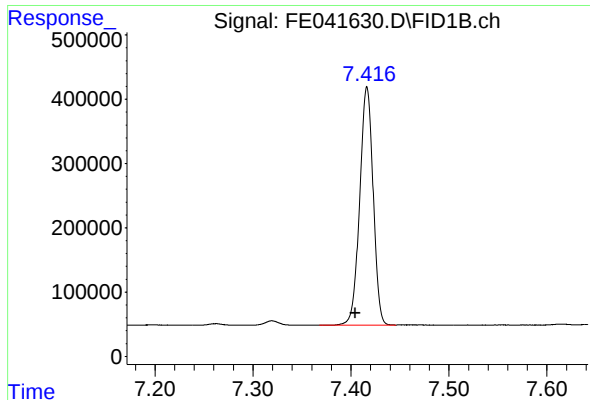
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
Delta R.T.: 0.011 min
Response: 3634682
Conc: 21.96 ug/ml



#4 n-Dodecane (C12)

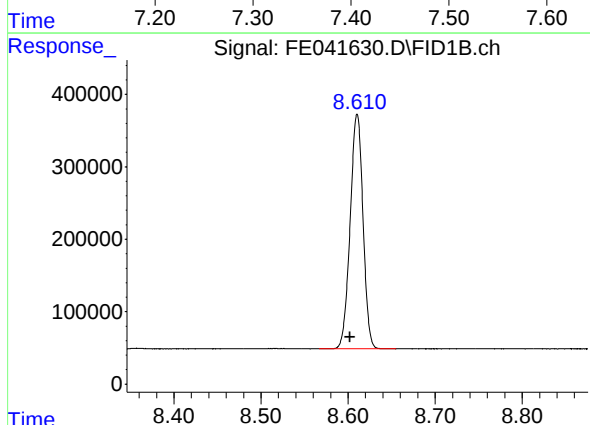
R.T.: 6.780 min
Delta R.T.: 0.007 min
Response: 3331179
Conc: 21.91 ug/ml



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

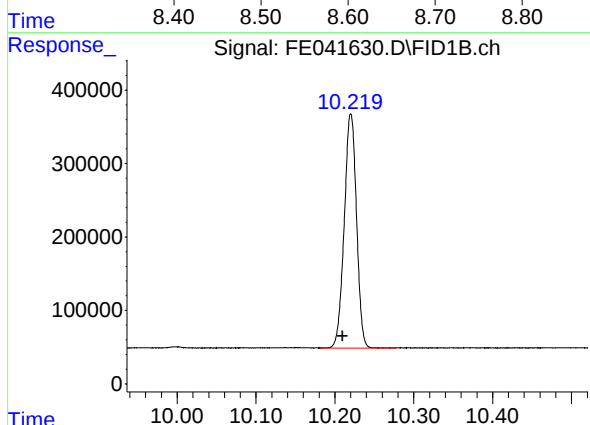
R.T.: 7.416 min
Delta R.T.: 0.012 min
Response: 3535261
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



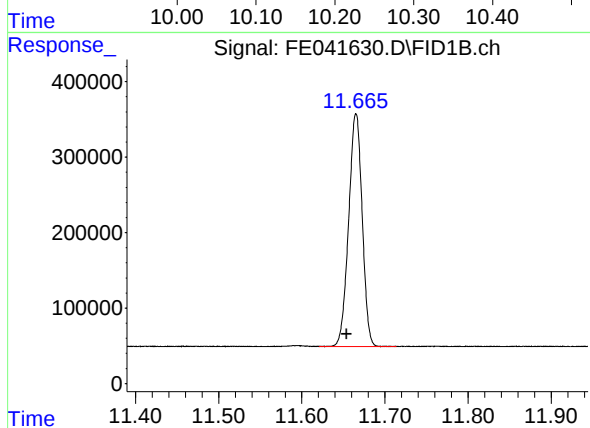
#6 n-Tetradecane (C14)

R.T.: 8.610 min
Delta R.T.: 0.008 min
Response: 3319993
Conc: 21.86 ug/ml



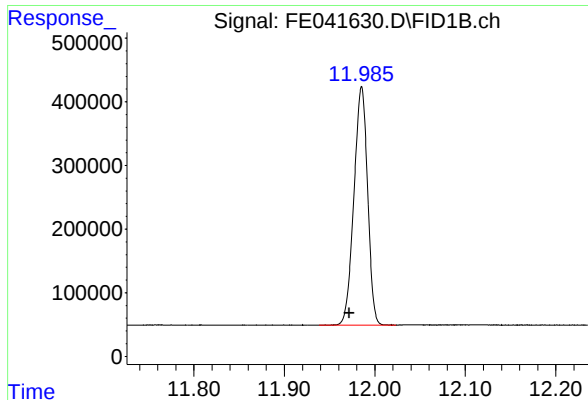
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.010 min
Response: 3446966
Conc: 21.60 ug/ml



#8 n-Octadecane (C18)

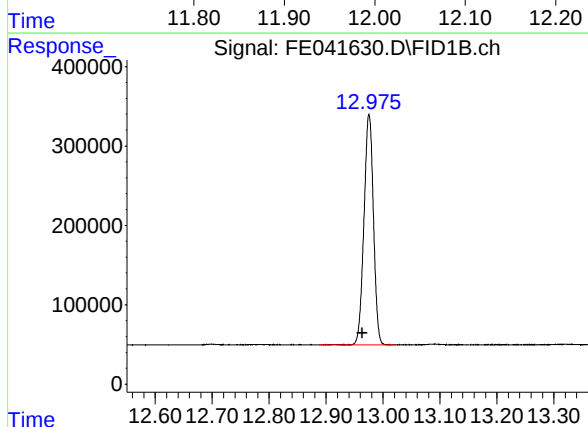
R.T.: 11.665 min
Delta R.T.: 0.011 min
Response: 3491038
Conc: 21.30 ug/ml



#9 ortho-Terphenyl (SURR)

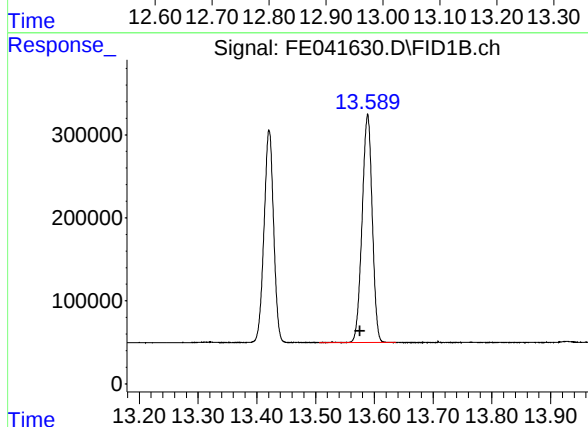
R.T.: 11.985 min
Delta R.T.: 0.014 min
Response: 3929201
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



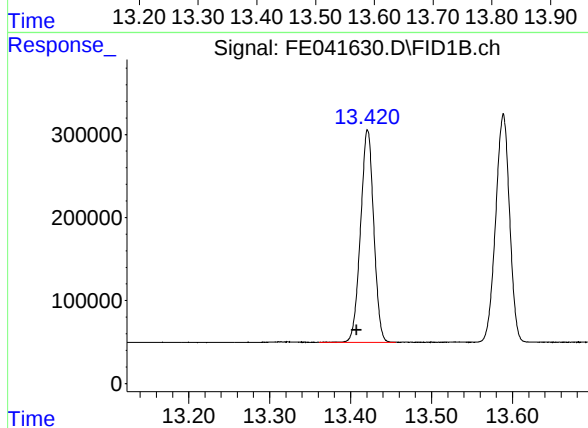
#10 n-Eicosane (C20)

R.T.: 12.976 min
Delta R.T.: 0.012 min
Response: 3355418
Conc: 20.86 ug/ml



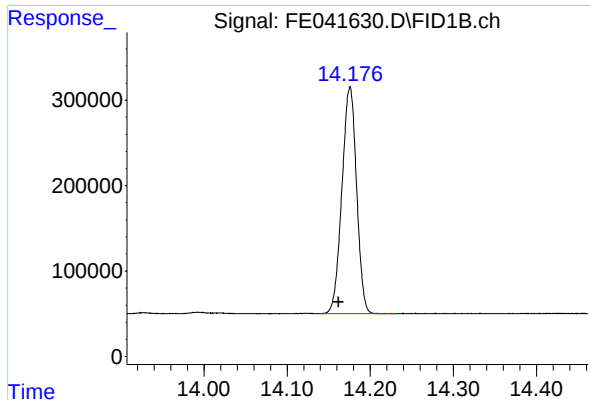
#11 n-Heneicosane (C21)

R.T.: 13.589 min
Delta R.T.: 0.013 min
Response: 3291318
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

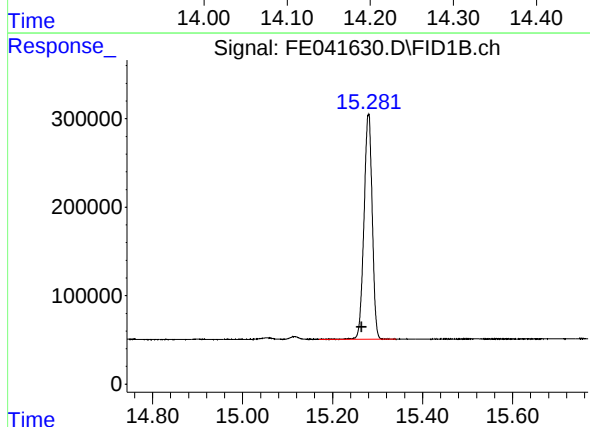
R.T.: 13.421 min
Delta R.T.: 0.014 min
Response: 2899110
Conc: 20.52 ug/ml



#13 n-Docosane (C22)

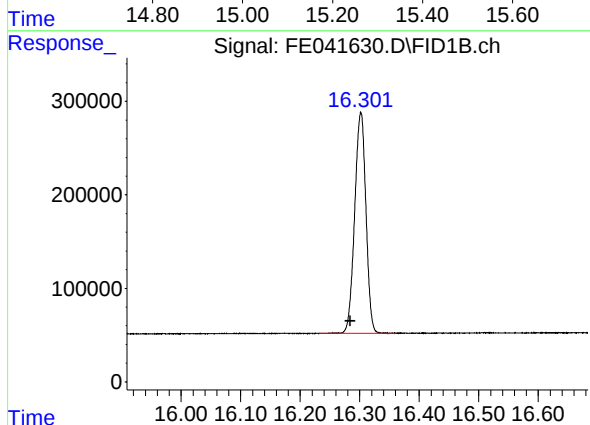
R.T.: 14.176 min
Delta R.T.: 0.014 min
Response: 3257936
Conc: 20.45 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



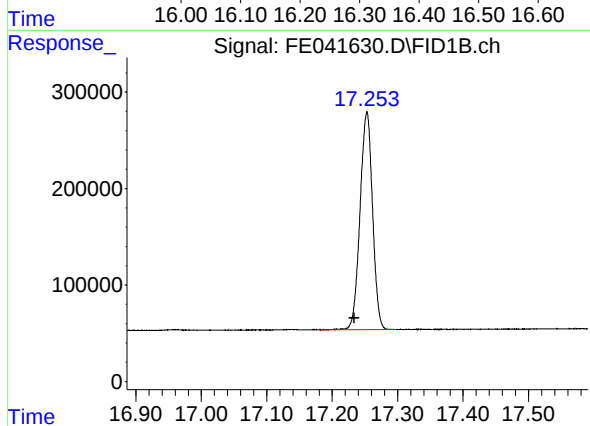
#14 n-Tetracosane (C24)

R.T.: 15.280 min
Delta R.T.: 0.015 min
Response: 3226023
Conc: 20.01 ug/ml



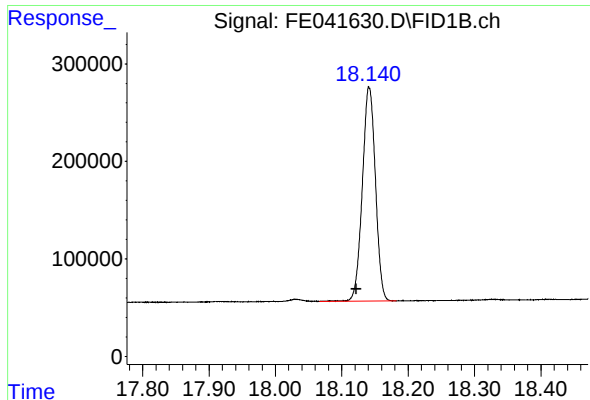
#15 n-Hexacosane (C26)

R.T.: 16.302 min
Delta R.T.: 0.017 min
Response: 3101542
Conc: 19.62 ug/ml



#16 n-Octacosane (C28)

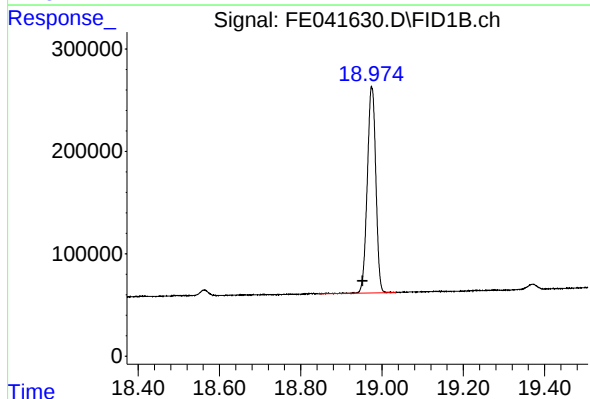
R.T.: 17.253 min
Delta R.T.: 0.019 min
Response: 2994075
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

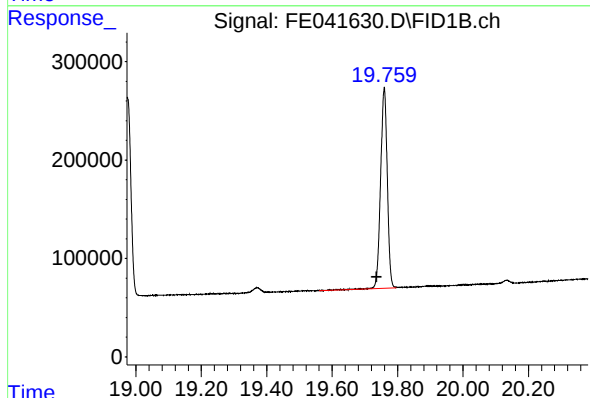
R.T.: 18.141 min
Delta R.T.: 0.020 min
Response: 3012973
Conc: 19.78 ug/ml

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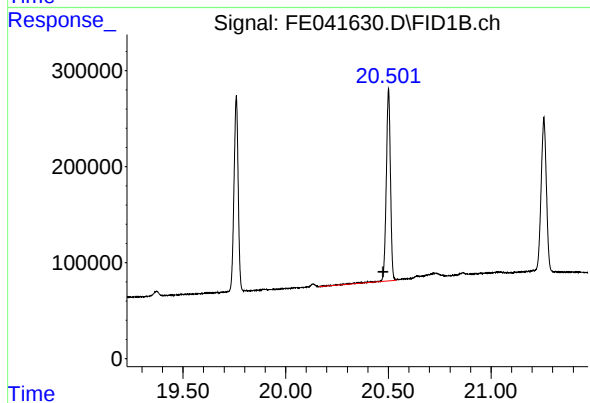
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: 0.023 min
Response: 2939871
Conc: 19.73 ug/ml



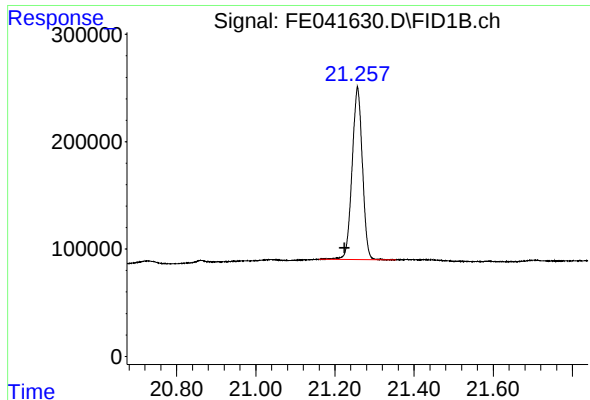
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.023 min
Response: 2888628
Conc: 20.50 ug/ml



#20 n-Hexatriacontane (C36)

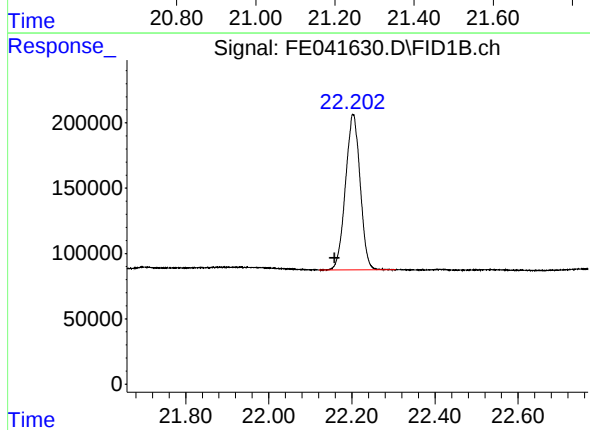
R.T.: 20.501 min
Delta R.T.: 0.025 min
Response: 2895904
Conc: 21.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.257 min
Delta R.T.: 0.032 min
Response: 2912587
Conc: 22.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.203 min
Delta R.T.: 0.044 min
Response: 2920733
Conc: 23.07 ug/ml