

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040424AL\
 Data File : FE047452.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2024 07:00
 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: Apr 04 09:28:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.982	3131623	18.055 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.416	2433440	18.093 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T n-Nonane (C9)	3.362	2830156	18.090 ug/ml
2) T n-Decane (C10)	4.614	2911145	18.113 ug/ml
3) T A~Naphthalene (C11.7)	6.321	3059608	18.045 ug/ml
4) T n-Dodecane (C12)	6.780	2926662	18.032 ug/ml
5) T A~2-methylnaphthalene...	7.418	2955927	18.000 ug/ml
6) T n-Tetradecane (C14)	8.609	2902738	18.044 ug/ml
7) T n-Hexadecane (C16)	10.217	3002655	18.080 ug/ml
8) T n-Octadecane (C18)	11.661	3037490	18.113 ug/ml
10) T n-Eicosane (C20)	12.970	2938112	18.136 ug/ml
11) T n-Heneicosane (C21)	13.582	2873876	18.112 ug/ml
13) T n-Docosane (C22)	14.168	2927286	18.241 ug/ml
14) T n-Tetracosane (C24)	15.271	3022683	18.312 ug/ml
15) T n-Hexacosane (C26)	16.290	3071600	18.582 ug/ml
16) T n-Octacosane (C28)	17.239	3147402	18.993 ug/ml
17) T n-Tricontane (C30)	18.125	3361504	19.800 ug/ml
18) T n-Dotriacontane (C32)	18.957	3326640	19.950 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3079991	19.204 ug/ml
20) T n-Hexatriacontane (C36)	20.478	2930439	18.373 ug/ml
21) T n-Octatriacontane (C38)	21.222	2944841	18.119 ug/ml
22) T n-Tetracontane (C40)	22.153	2901009	17.719 ug/ml

(f)=RT Delta > 1/2 Window

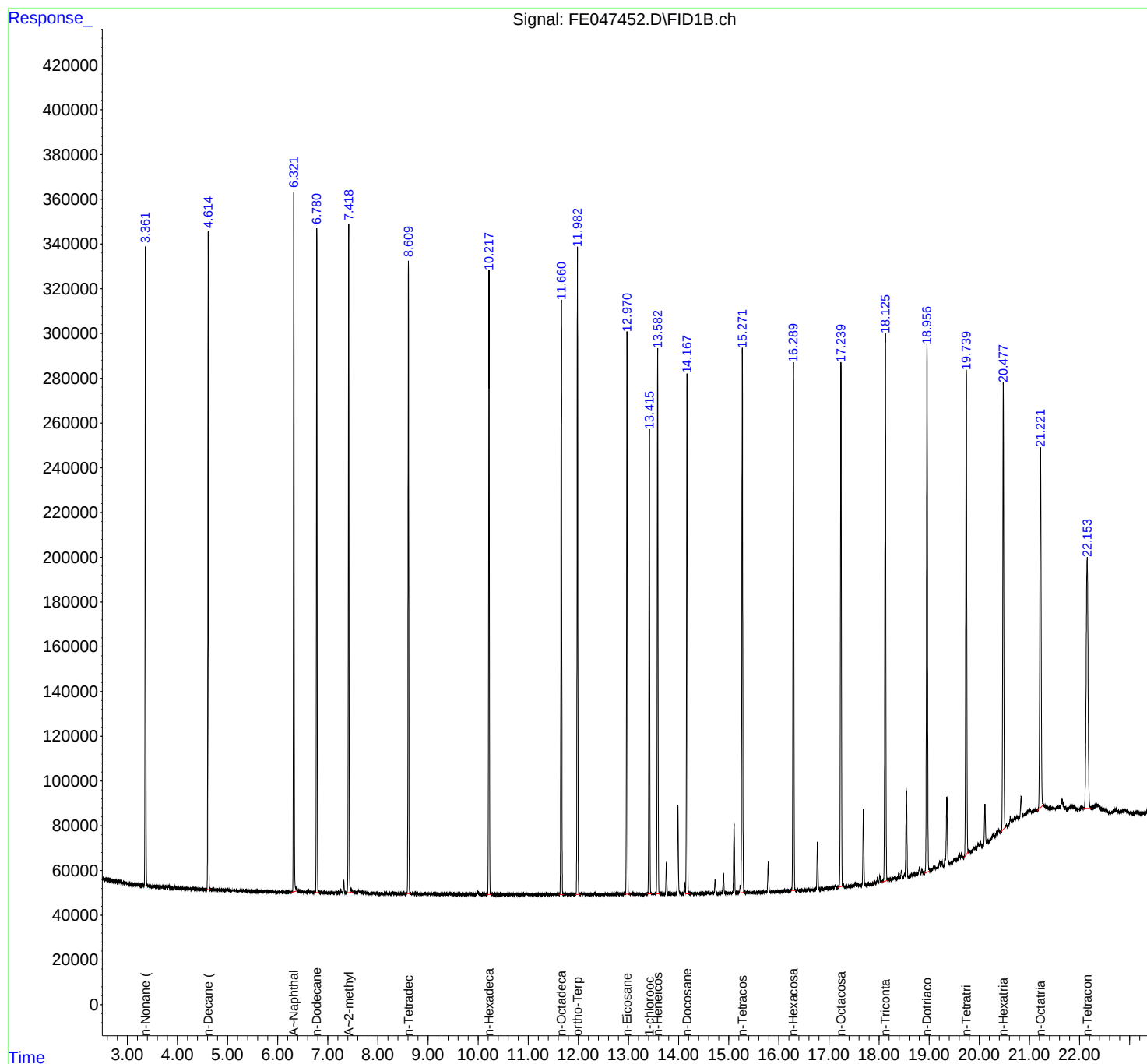
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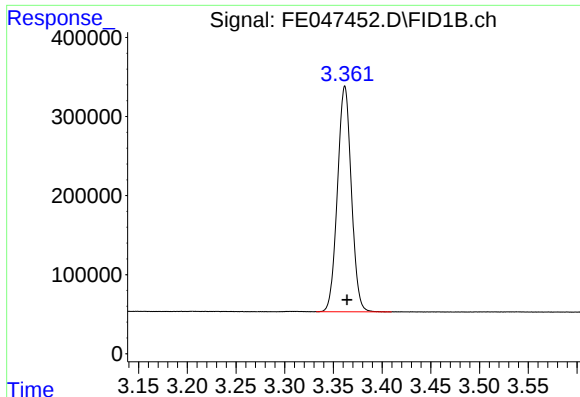
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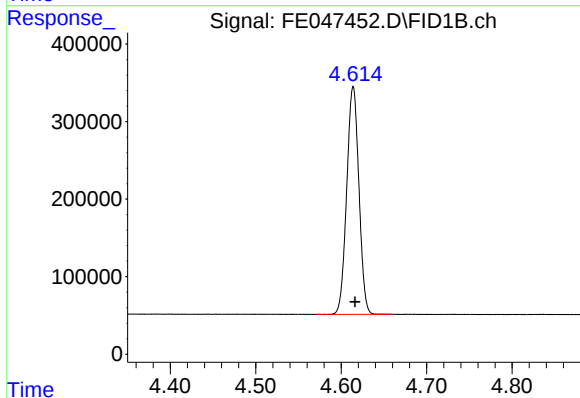




#1 n-Nonane (C9)

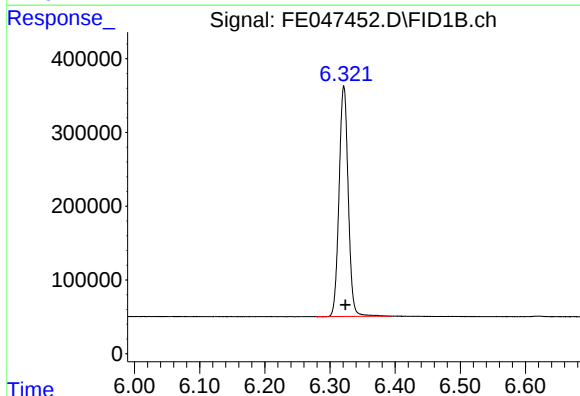
R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 2830156
Conc: 18.09 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



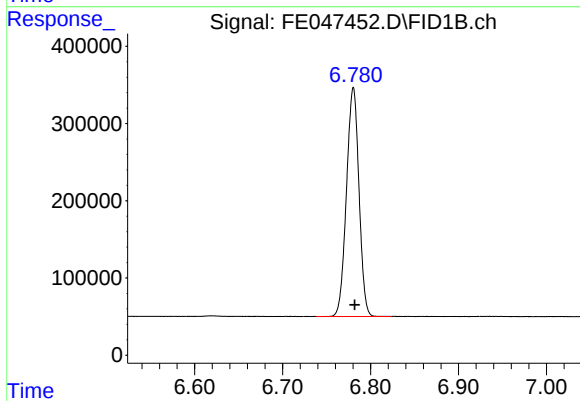
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 2911145
Conc: 18.11 ug/ml



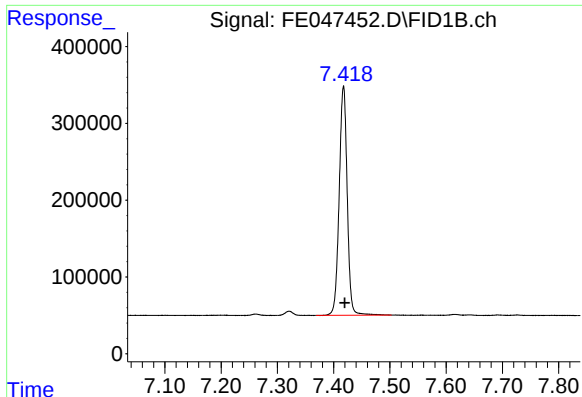
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 3059608
Conc: 18.04 ug/ml



#4 n-Dodecane (C12)

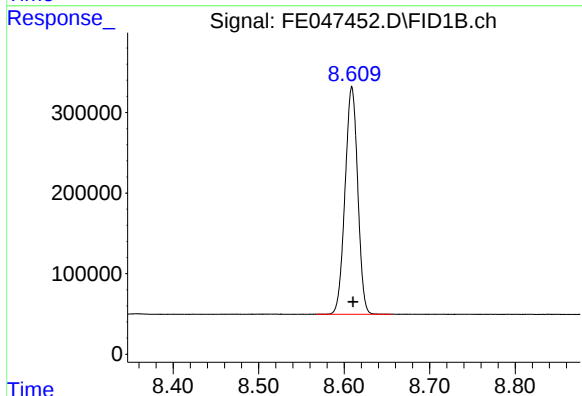
R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 2926662
Conc: 18.03 ug/ml



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

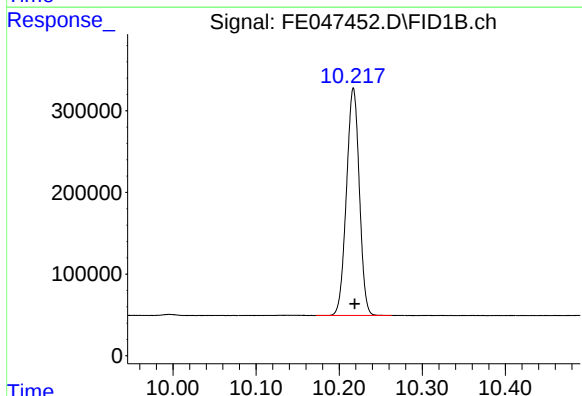
R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 2955927
Conc: 18.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



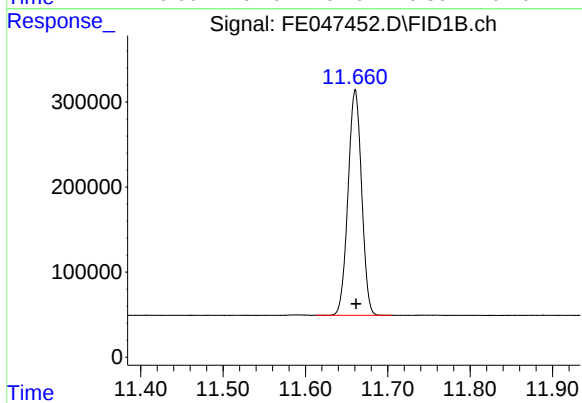
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.001 min
Response: 2902738
Conc: 18.04 ug/ml



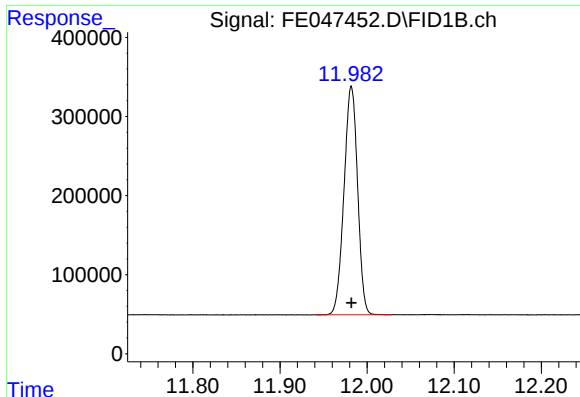
#7 n-Hexadecane (C16)

R.T.: 10.217 min
Delta R.T.: -0.001 min
Response: 3002655
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

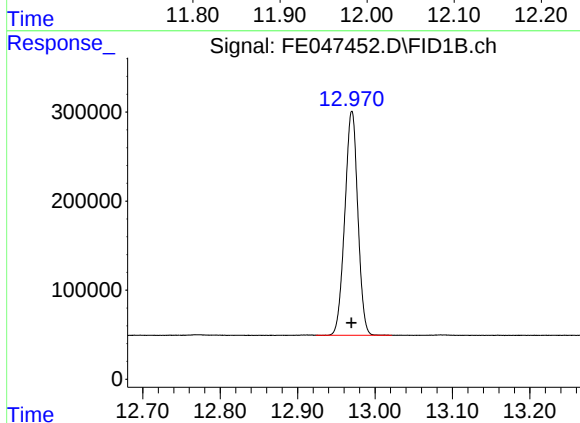
R.T.: 11.661 min
Delta R.T.: -0.001 min
Response: 3037490
Conc: 18.11 ug/ml



#9 ortho-Terphenyl (SURR)

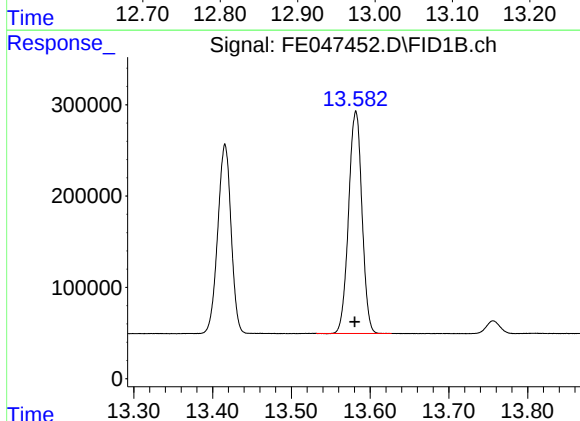
R.T.: 11.982 min
Delta R.T.: 0.000 min
Response: 3131623
Conc: 18.06 ug/ml

Instrument :
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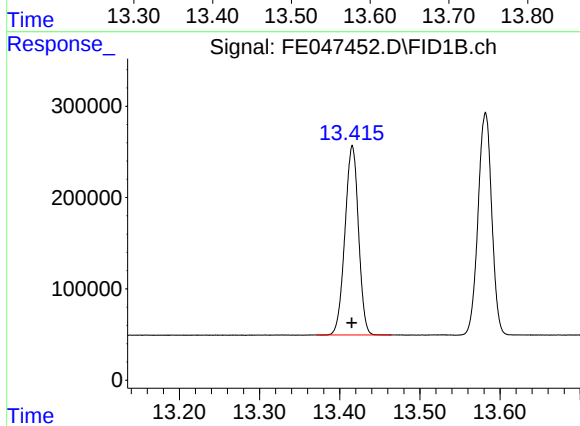
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.000 min
Response: 2938112
Conc: 18.14 ug/ml



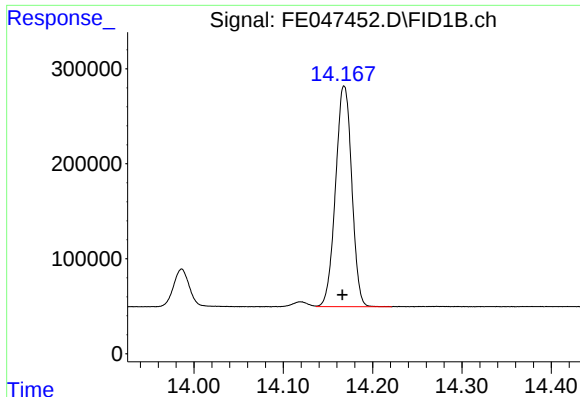
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.002 min
Response: 2873876
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

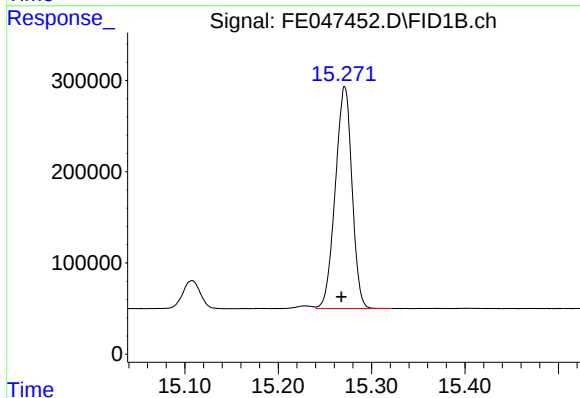
R.T.: 13.416 min
Delta R.T.: 0.000 min
Response: 2433440
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

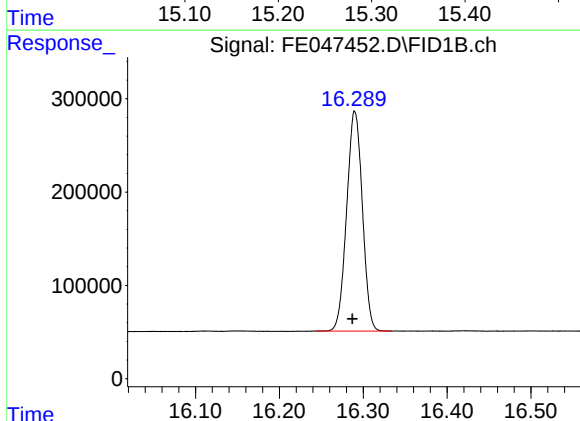
R.T.: 14.168 min
Delta R.T.: 0.002 min
Response: 2927286
Conc: 18.24 ug/ml

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20 PPM ALIPHATIC HC STD



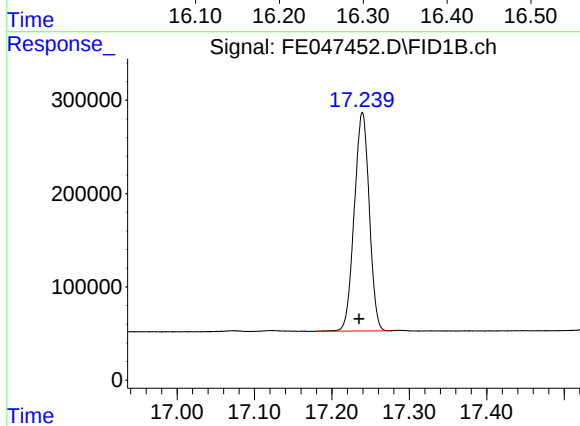
#14 n-Tetracosane (C24)

R.T.: 15.271 min
Delta R.T.: 0.004 min
Response: 3022683
Conc: 18.31 ug/ml



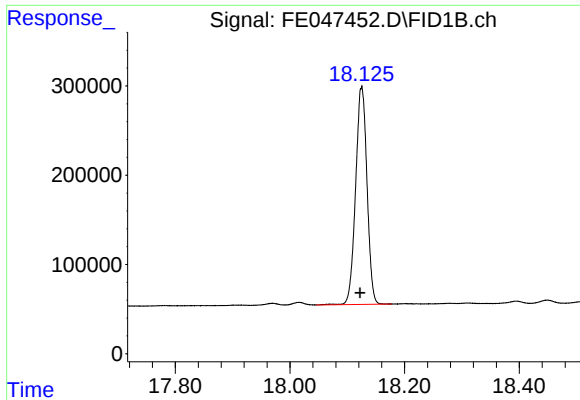
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.003 min
Response: 3071600
Conc: 18.58 ug/ml



#16 n-Octacosane (C28)

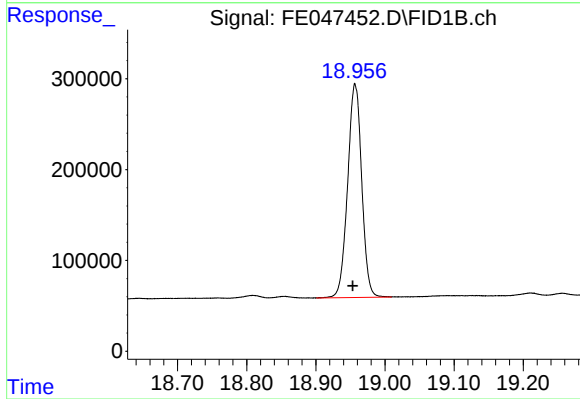
R.T.: 17.239 min
Delta R.T.: 0.004 min
Response: 3147402
Conc: 18.99 ug/ml



#17 n-Tricontane (C30)

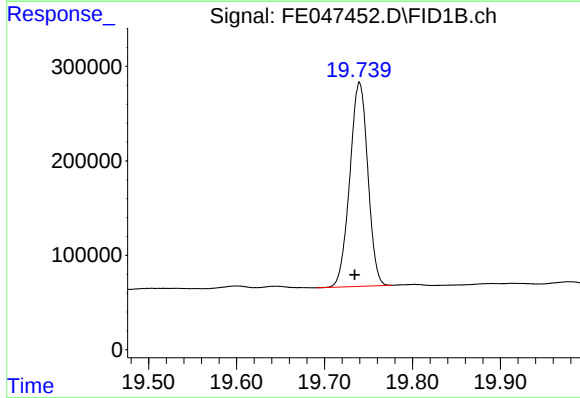
R.T.: 18.125 min
Delta R.T.: 0.003 min
Response: 3361504
Conc: 19.80 ug/ml

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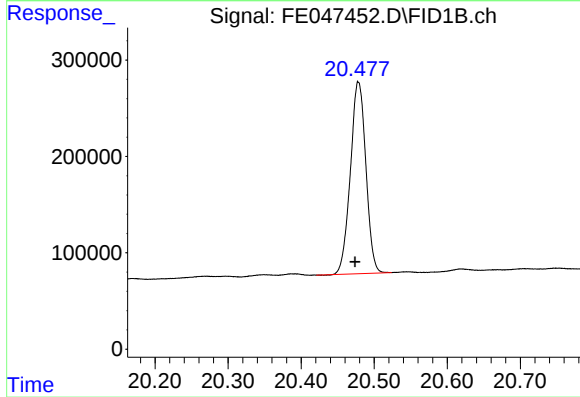
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.003 min
Response: 3326640
Conc: 19.95 ug/ml



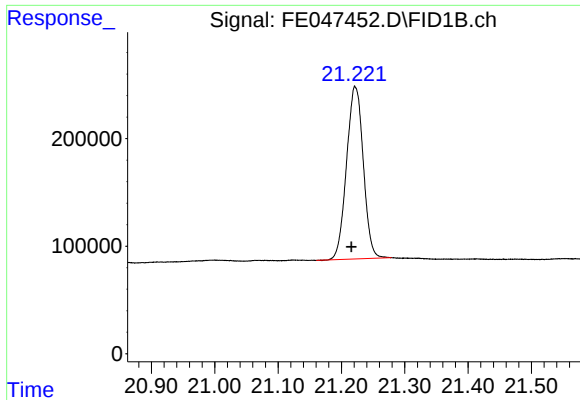
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.005 min
Response: 3079991
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

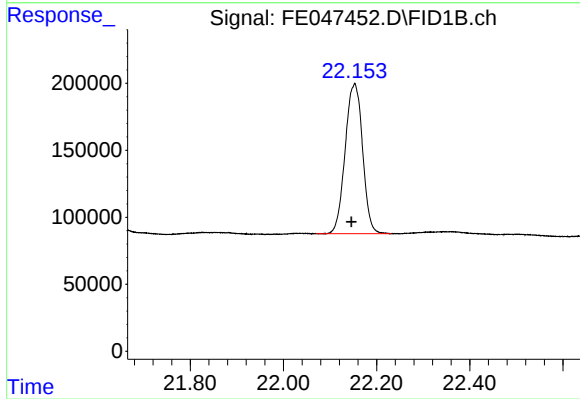
R.T.: 20.478 min
Delta R.T.: 0.005 min
Response: 2930439
Conc: 18.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.006 min
Response: 2944841
Conc: 18.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.153 min
Delta R.T.: 0.007 min
Response: 2901009
Conc: 17.72 ug/ml