

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082224AL\
 Data File : FE049702.D
 Signal(s) : FID1B.ch
 Acq On : 22 Aug 2024 13:33
 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: Aug 23 01:30:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.884	3170180	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
12) S 1-chlorooctadecane (S...	13.320	2402514	19.692 ug/ml
Spiked Amount 50.000		Recovery =	39.38%
Target Compounds			
1) T n-Nonane (C9)	3.274	2955482	19.098 ug/ml
2) T n-Decane (C10)	4.524	3022361	19.142 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3128327	19.497 ug/ml
4) T n-Dodecane (C12)	6.691	3048469	19.391 ug/ml
5) T A~2-methylnaphthalene...	7.327	2941573	19.643 ug/ml
6) T n-Tetradecane (C14)	8.518	2980488	19.306 ug/ml
7) T n-Hexadecane (C16)	10.125	3050075	19.529 ug/ml
8) T n-Octadecane (C18)	11.566	3065800	19.521 ug/ml
10) T n-Eicosane (C20)	12.875	2930523	19.628 ug/ml
11) T n-Heneicosane (C21)	13.486	2879707	19.630 ug/ml
13) T n-Docosane (C22)	14.071	2859901	19.622 ug/ml
14) T n-Tetracosane (C24)	15.173	2857942	19.647 ug/ml
15) T n-Hexacosane (C26)	16.192	2815899	19.511 ug/ml
16) T n-Octacosane (C28)	17.140	2860525	19.859 ug/ml
17) T n-Tricontane (C30)	18.026	3040445	20.310 ug/ml
18) T n-Dotriacontane (C32)	18.859	3108196	20.546 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3125910	20.447 ug/ml
20) T n-Hexatriacontane (C36)	20.381	3121569	20.557 ug/ml
21) T n-Octatriacontane (C38)	21.111	3144330	20.034 ug/ml
22) T n-Tetracontane (C40)	22.004	3045981	19.950 ug/ml

(f)=RT Delta > 1/2 Window

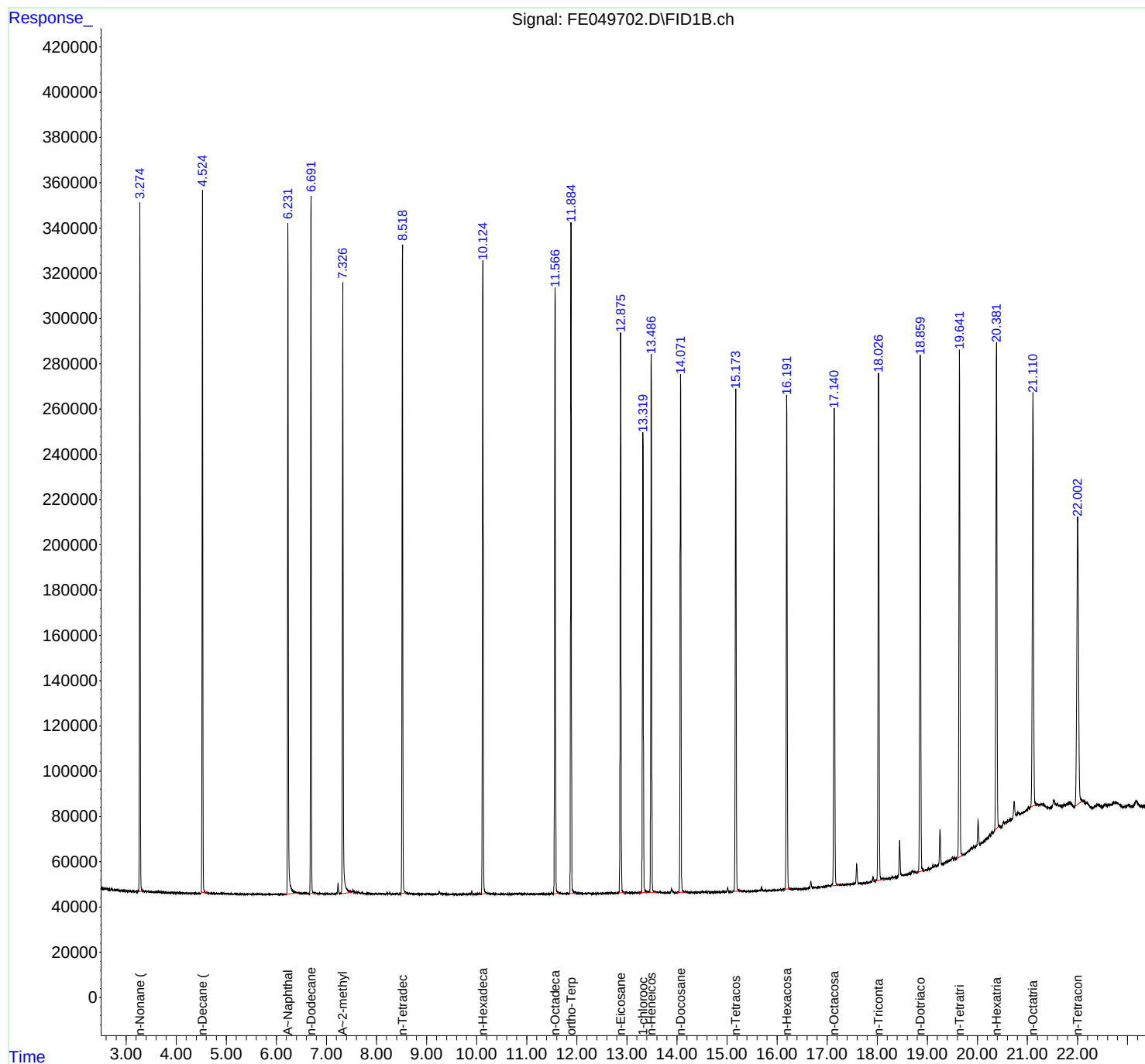
(m)=manual int.

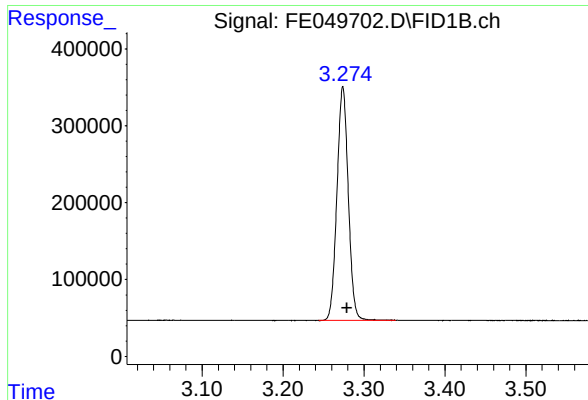
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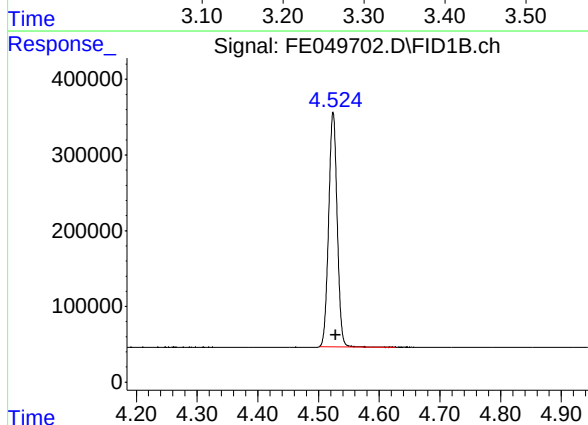




#1 n-Nonane (C9)

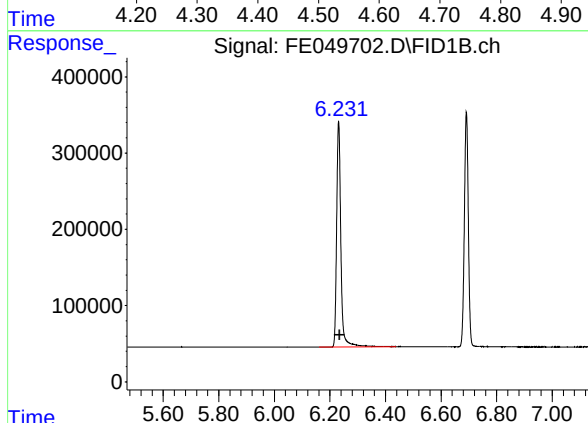
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 2955482
Conc: 19.10 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



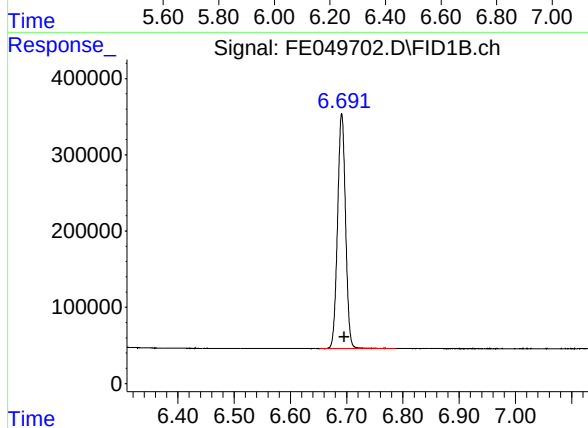
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.005 min
Response: 3022361
Conc: 19.14 ug/ml



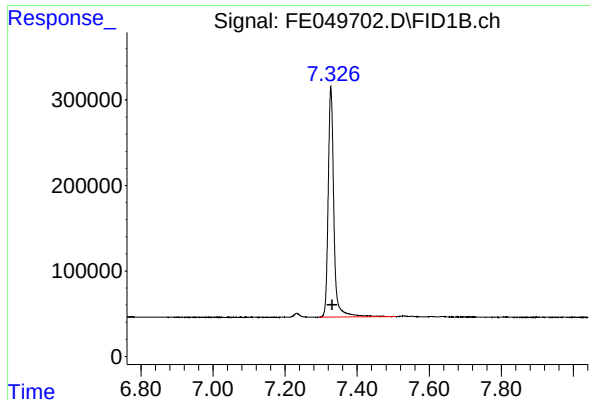
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 3128327
Conc: 19.50 ug/ml



#4 n-Dodecane (C12)

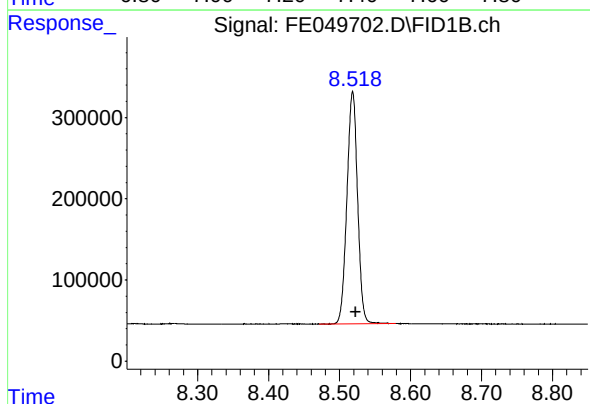
R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 3048469
Conc: 19.39 ug/ml



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

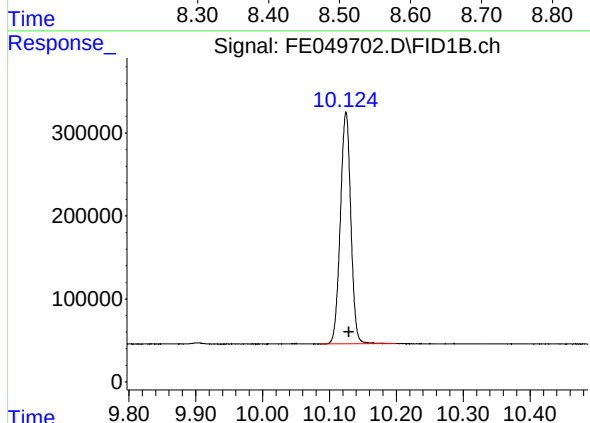
R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 2941573
Conc: 19.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



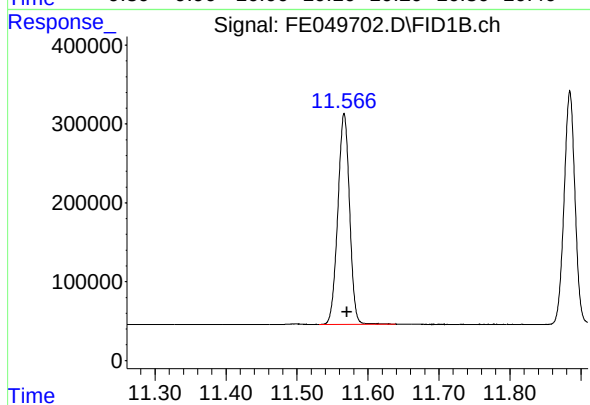
#6 n-Tetradecane (C14)

R.T.: 8.518 min
Delta R.T.: -0.004 min
Response: 2980488
Conc: 19.31 ug/ml



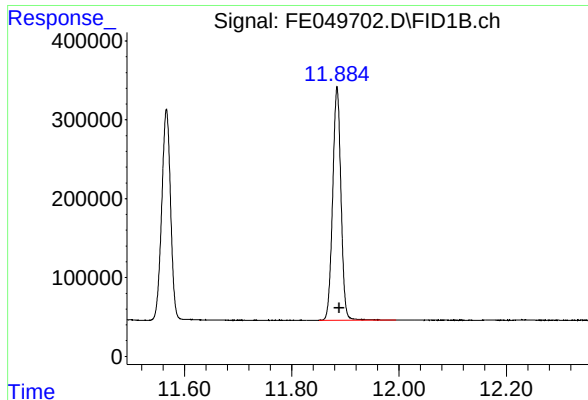
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.004 min
Response: 3050075
Conc: 19.53 ug/ml



#8 n-Octadecane (C18)

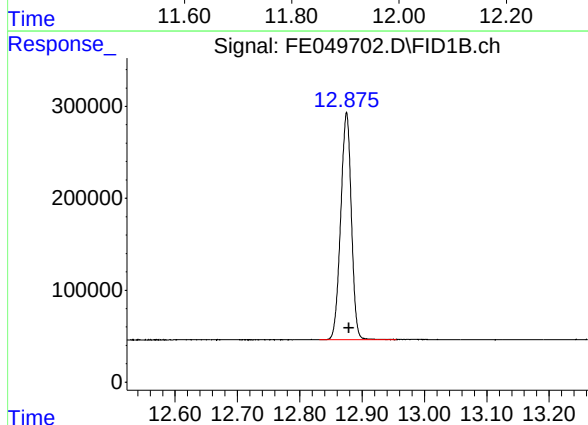
R.T.: 11.566 min
Delta R.T.: -0.004 min
Response: 3065800
Conc: 19.52 ug/ml



#9 ortho-Terphenyl (SURR)

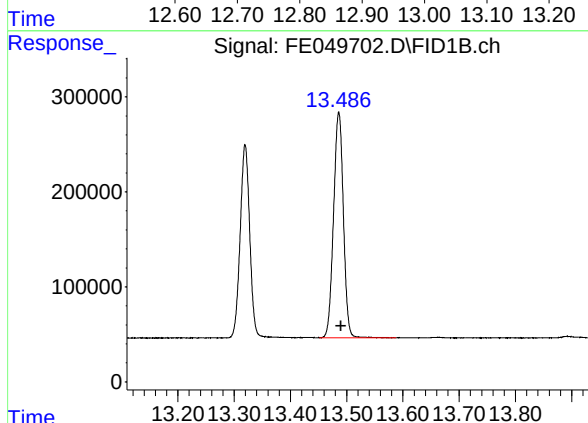
R.T.: 11.884 min
Delta R.T.: -0.004 min
Response: 3170180
Conc: 19.60 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



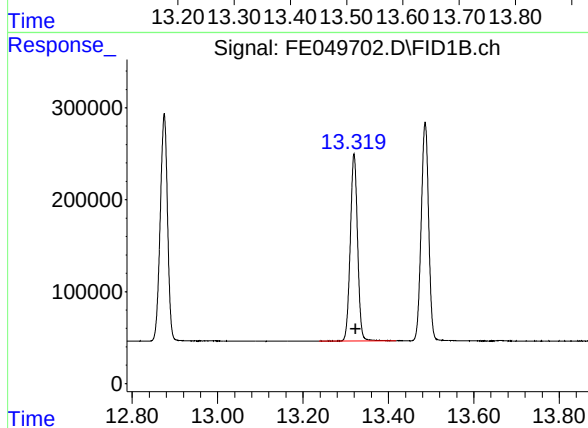
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: -0.004 min
Response: 2930523
Conc: 19.63 ug/ml



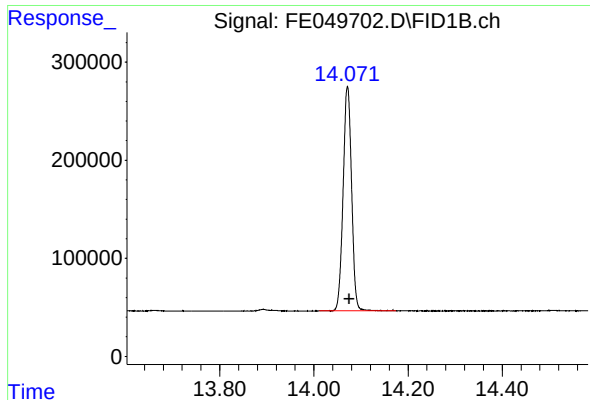
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 2879707
Conc: 19.63 ug/ml



#12 1-chlorooctadecane (SURR)

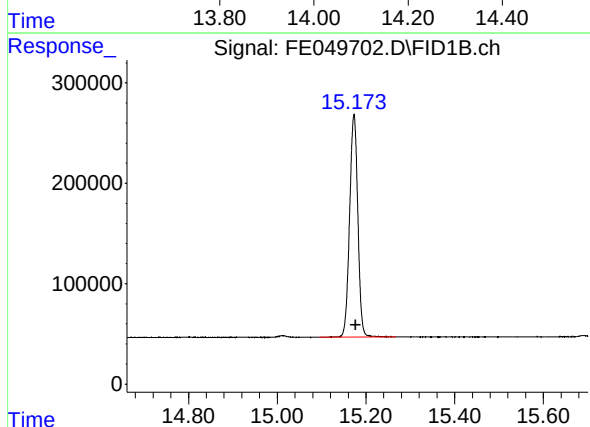
R.T.: 13.320 min
Delta R.T.: -0.004 min
Response: 2402514
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

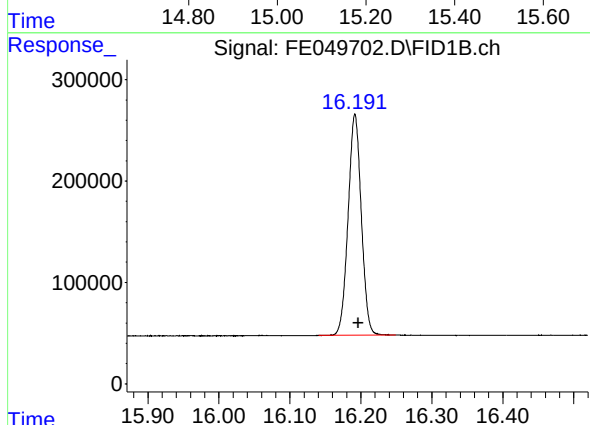
R.T.: 14.071 min
Delta R.T.: -0.004 min
Response: 2859901
Conc: 19.62 ug/ml

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20 PPM ALIPHATIC HC STD



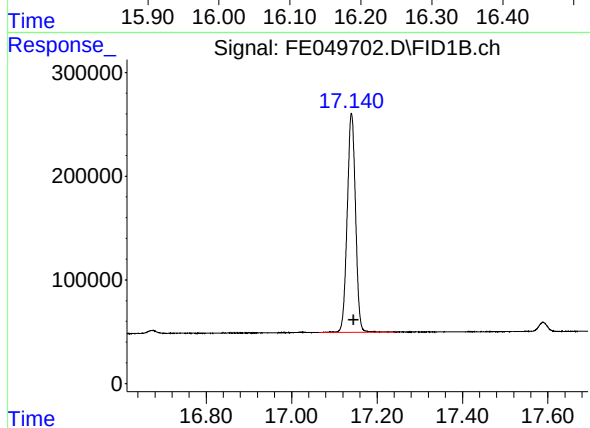
#14 n-Tetracosane (C24)

R.T.: 15.173 min
Delta R.T.: -0.004 min
Response: 2857942
Conc: 19.65 ug/ml



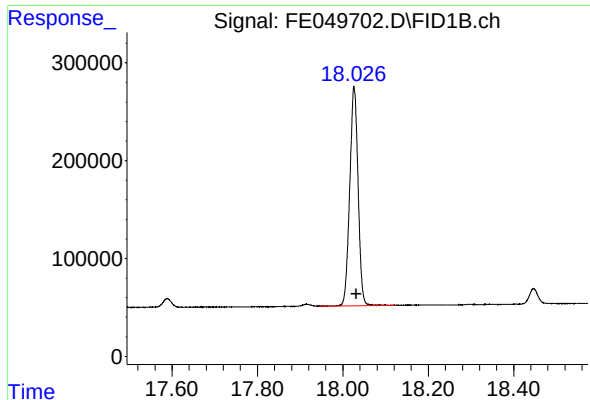
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 2815899
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

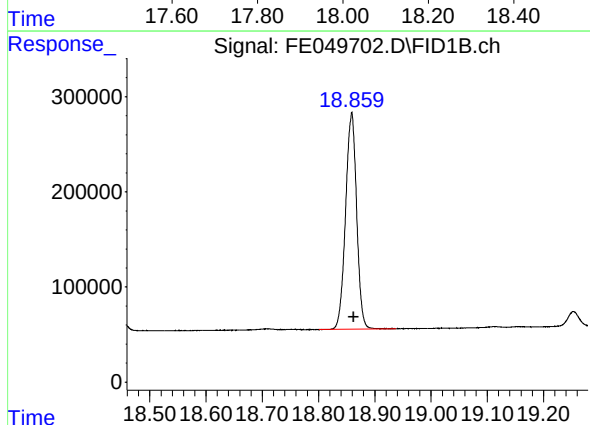
R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 2860525
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

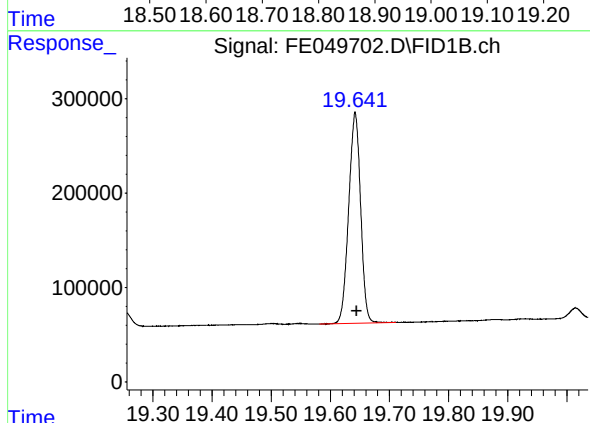
R.T.: 18.026 min
Delta R.T.: -0.005 min
Response: 3040445
Conc: 20.31 ug/ml

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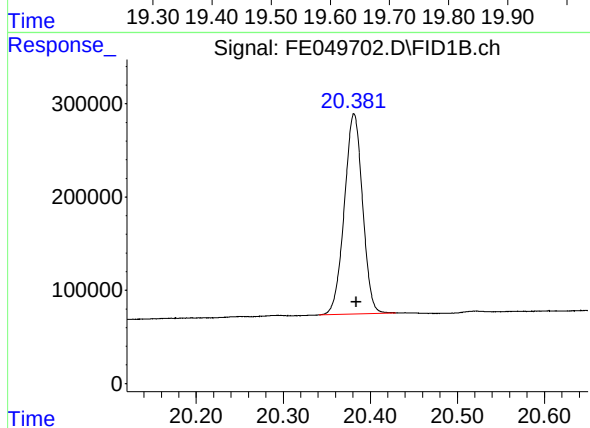
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.004 min
Response: 3108196
Conc: 20.55 ug/ml



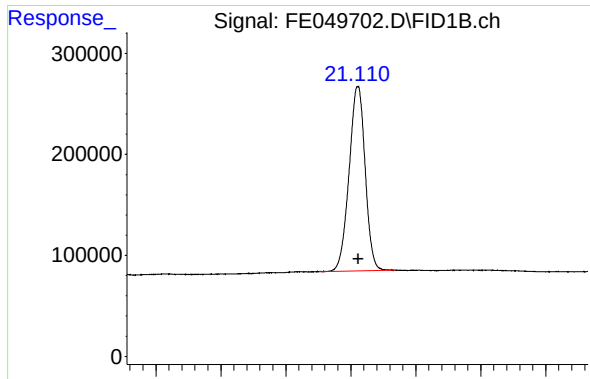
#19 n-Tetatriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.002 min
Response: 3125910
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

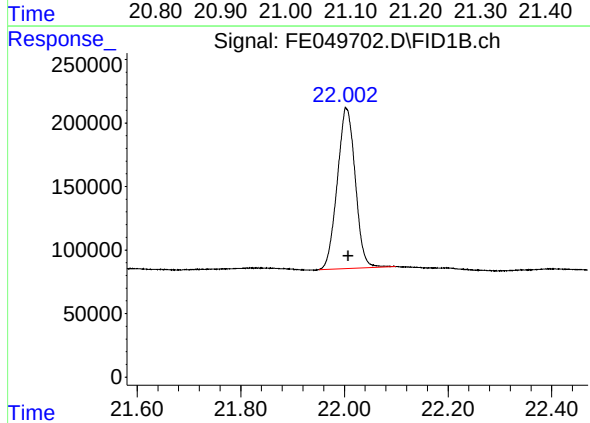
R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 3121569
Conc: 20.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 3144330
Conc: 20.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: -0.003 min
Response: 3045981
Conc: 19.95 ug/ml