

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
 Data File : FE051211.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2024 21:42
 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: Nov 14 04:07:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.846	3073648	20.478 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
12) S 1-chlorooctadecane (S...	13.280	2326010	20.488 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T n-Nonane (C9)	3.236	3168603	22.900 ug/ml
2) T n-Decane (C10)	4.486	3244747	23.147 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2994437	22.711 ug/ml
4) T n-Dodecane (C12)	6.654	3199472	22.660 ug/ml
5) T A~2-methylnaphthalene...	7.295	2748022	21.968 ug/ml
6) T n-Tetradecane (C14)	8.480	3071370	22.039 ug/ml
7) T n-Hexadecane (C16)	10.085	3050396	21.496 ug/ml
8) T n-Octadecane (C18)	11.526	2998568	20.998 ug/ml
10) T n-Eicosane (C20)	12.833	2820035	20.606 ug/ml
11) T n-Heneicosane (C21)	13.444	2738640	20.492 ug/ml
13) T n-Docosane (C22)	14.029	2772010	20.850 ug/ml
14) T n-Tetracosane (C24)	15.130	2807792	21.166 ug/ml
15) T n-Hexacosane (C26)	16.149	2837768	21.198 ug/ml
16) T n-Octacosane (C28)	17.098	2938220	21.552 ug/ml
17) T n-Tricontane (C30)	17.984	3117702	21.459 ug/ml
18) T n-Dotriacontane (C32)	18.815	3147211	21.196 ug/ml
19) T n-Tetratriacontane (C34)	19.598	2793894	20.793 ug/ml
20) T n-Hexatriacontane (C36)	20.338	2394681	20.070 ug/ml
21) T n-Octatriacontane (C38)	21.060	2106237	18.506 ug/ml
22) T n-Tetracontane (C40)	21.939	1804024	16.220 ug/ml

(f)=RT Delta > 1/2 Window

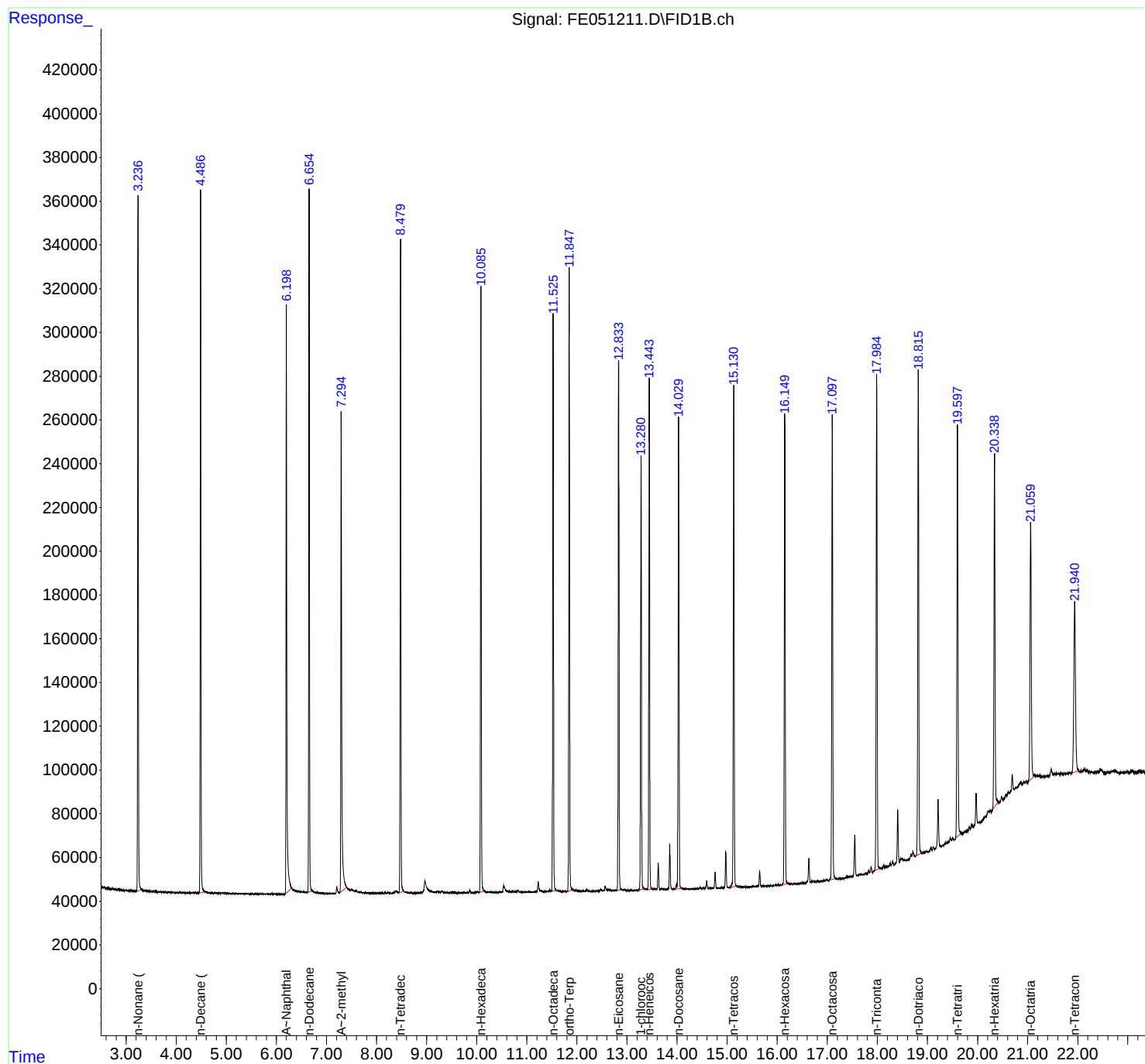
(m)=manual int.

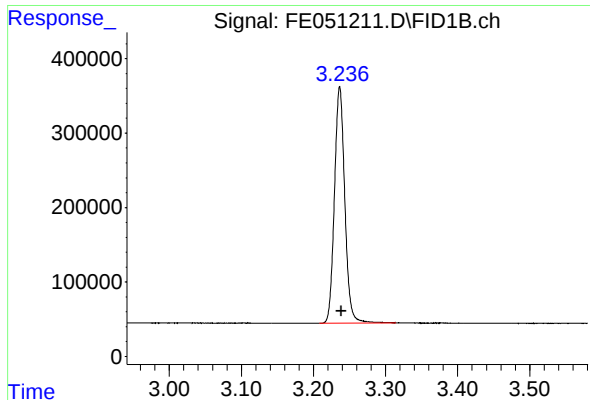
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111324AL\
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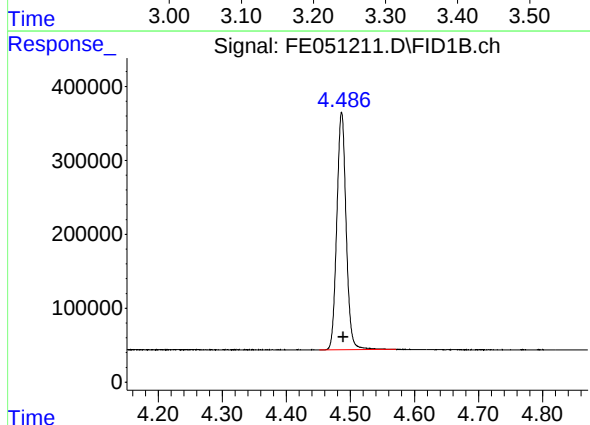




#1 n-Nonane (C9)

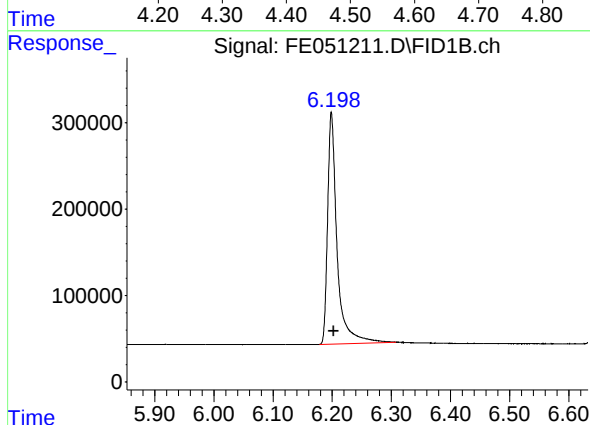
R.T.: 3.236 min
Delta R.T.: -0.003 min
Response: 3168603
Conc: 22.90 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



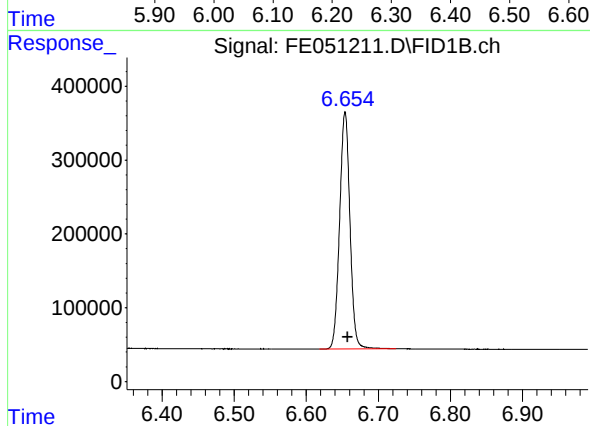
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 3244747
Conc: 23.15 ug/ml



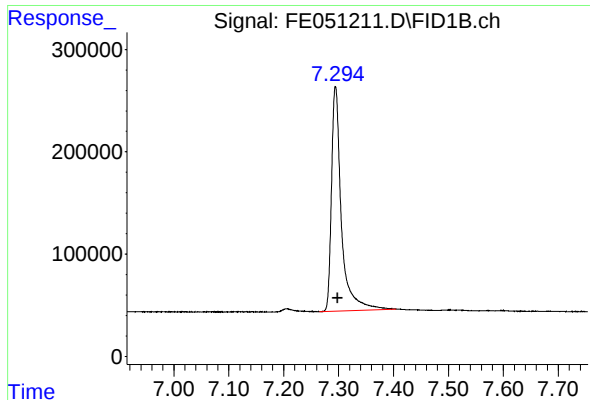
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 2994437
Conc: 22.71 ug/ml



#4 n-Dodecane (C12)

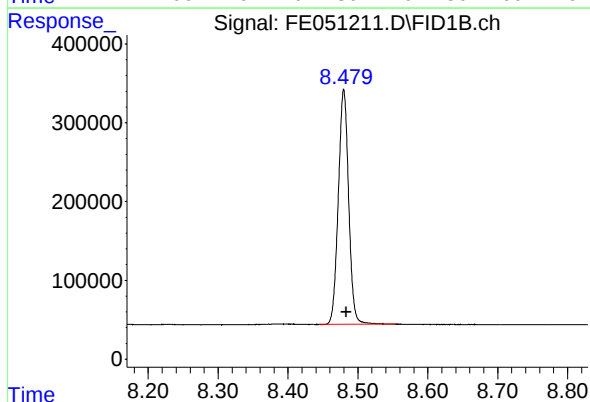
R.T.: 6.654 min
Delta R.T.: -0.003 min
Response: 3199472
Conc: 22.66 ug/ml



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

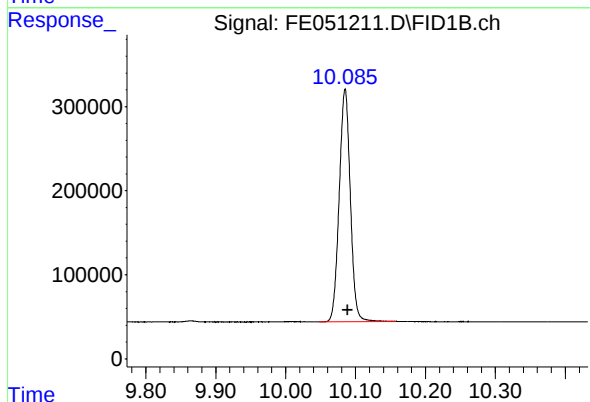
R.T.: 7.295 min
Delta R.T.: -0.003 min
Response: 2748022
Conc: 21.97 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



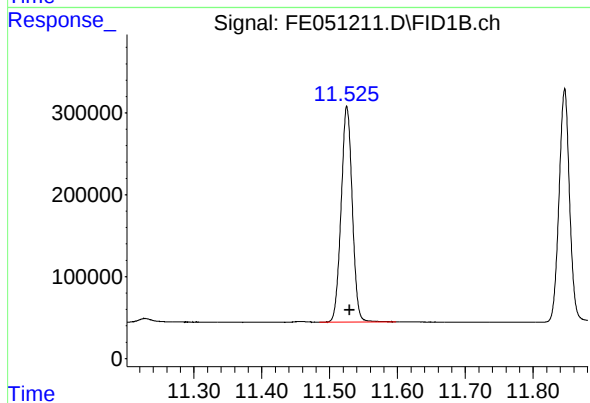
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 3071370
Conc: 22.04 ug/ml



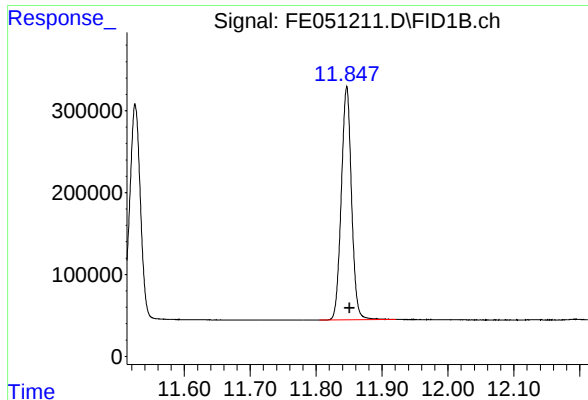
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.004 min
Response: 3050396
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

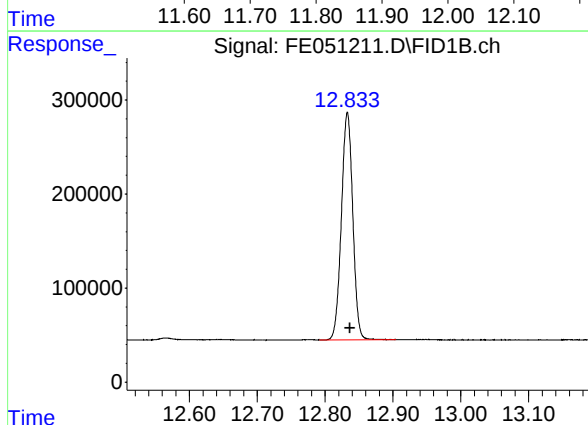
R.T.: 11.526 min
Delta R.T.: -0.004 min
Response: 2998568
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

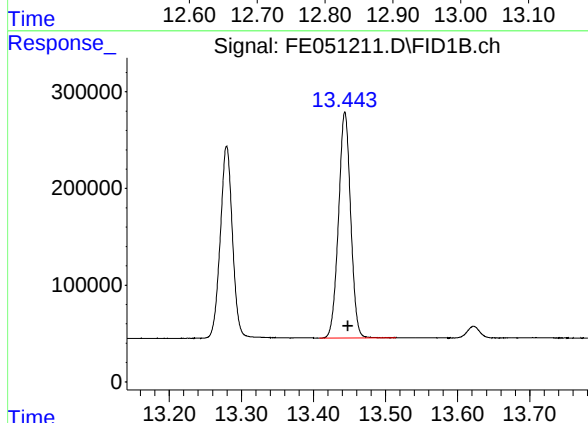
R.T.: 11.846 min
Delta R.T.: -0.004 min
Response: 3073648
Conc: 20.48 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



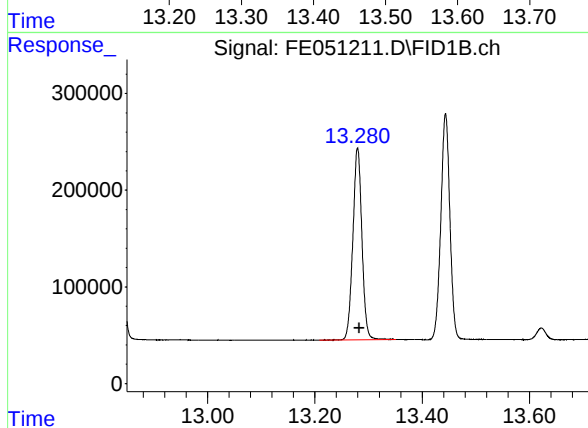
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.004 min
Response: 2820035
Conc: 20.61 ug/ml



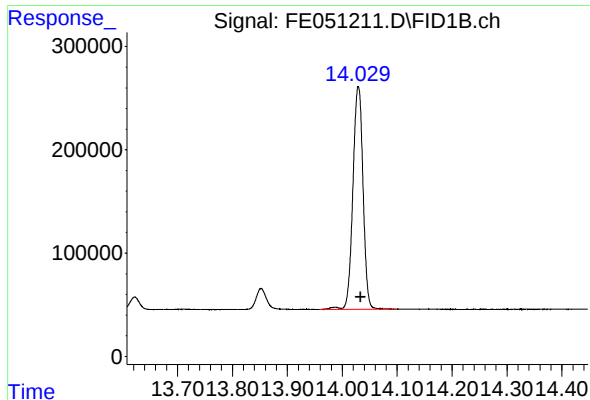
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.004 min
Response: 2738640
Conc: 20.49 ug/ml



#12 1-chlorooctadecane (SURR)

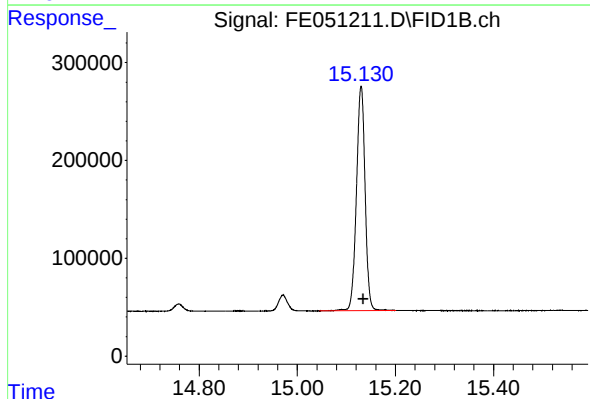
R.T.: 13.280 min
Delta R.T.: -0.003 min
Response: 2326010
Conc: 20.49 ug/ml



#13 n-Docosane (C22)

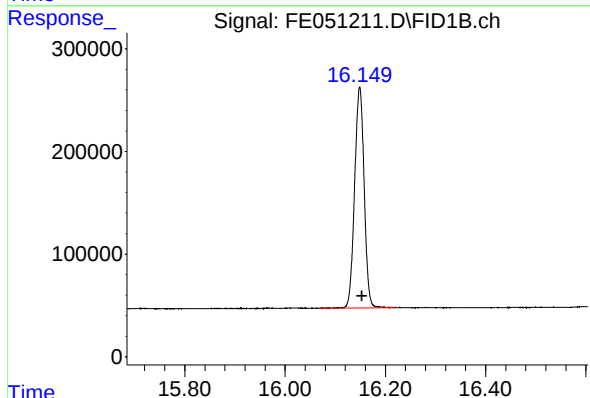
R.T.: 14.029 min
Delta R.T.: -0.004 min
Response: 2772010
Conc: 20.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



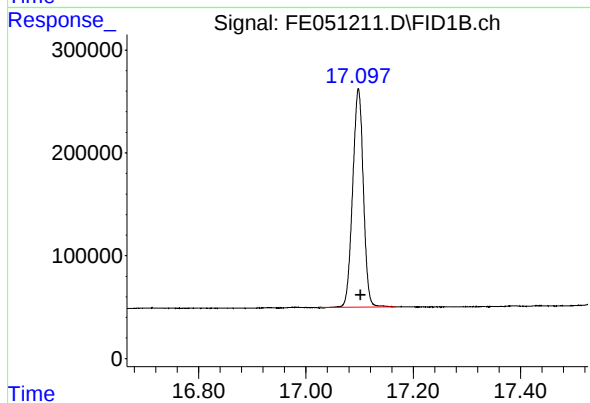
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.004 min
Response: 2807792
Conc: 21.17 ug/ml



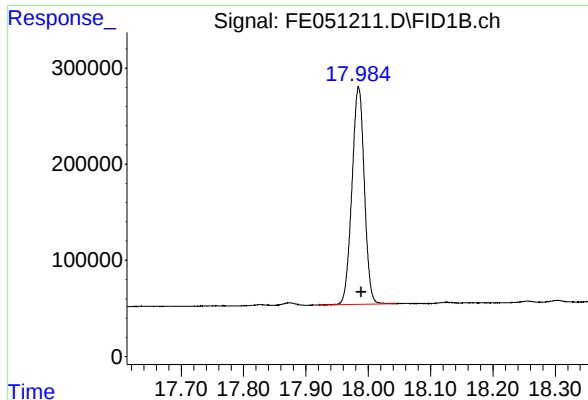
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.005 min
Response: 2837768
Conc: 21.20 ug/ml



#16 n-Octacosane (C28)

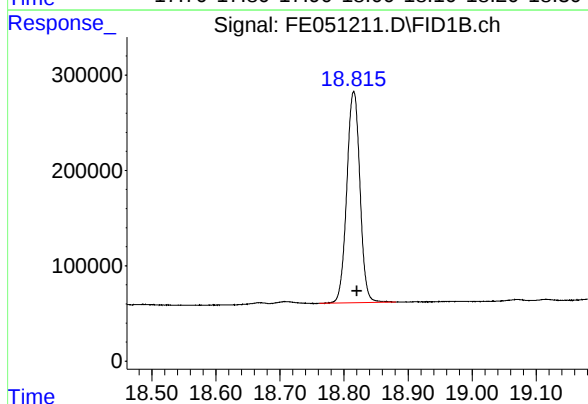
R.T.: 17.098 min
Delta R.T.: -0.004 min
Response: 2938220
Conc: 21.55 ug/ml



#17 n-Tricontane (C30)

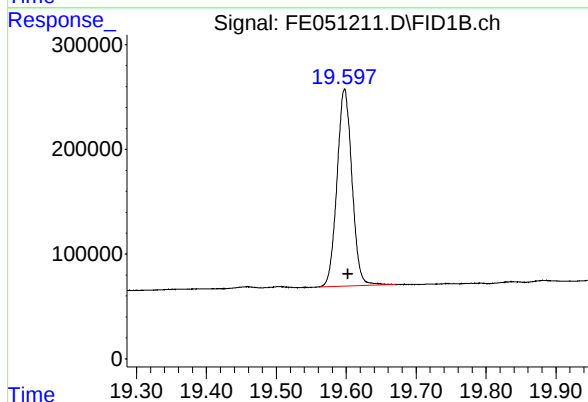
R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 3117702
Conc: 21.46 ug/ml

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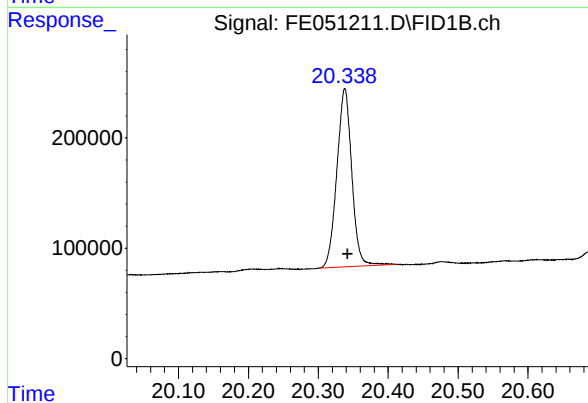
#18 n-Dotriacontane (C32)

R.T.: 18.815 min
Delta R.T.: -0.005 min
Response: 3147211
Conc: 21.20 ug/ml



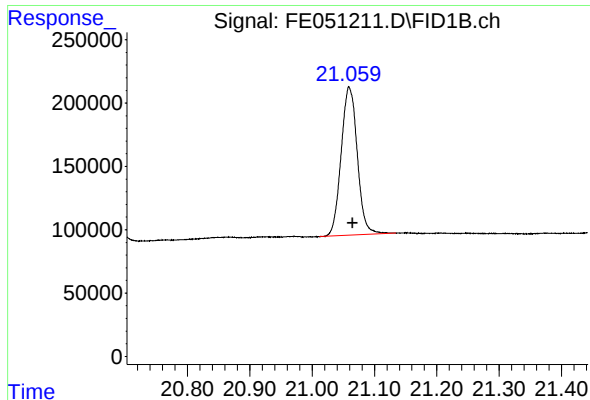
#19 n-Tetatriacontane (C34)

R.T.: 19.598 min
Delta R.T.: -0.005 min
Response: 2793894
Conc: 20.79 ug/ml



#20 n-Hexatriacontane (C36)

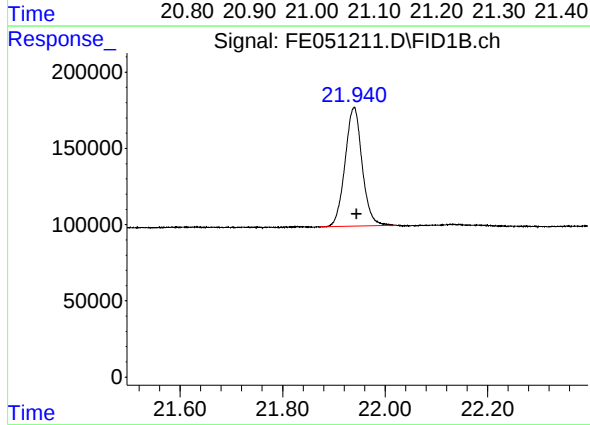
R.T.: 20.338 min
Delta R.T.: -0.004 min
Response: 2394681
Conc: 20.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.060 min
Delta R.T.: -0.005 min
Response: 2106237
Conc: 18.51 ug/ml

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FID_E
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#22 n-Tetracontane (C40)

R.T.: 21.939 min
Delta R.T.: -0.005 min
Response: 1804024
Conc: 16.22 ug/ml