

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031524AL\
 Data File : FE047191.D
 Signal(s) : FID1B.ch
 Acq On : 15 Mar 2024 20:29
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 01:21:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 031324.M
 Quant Title : GC Extractables
 Qlast Update : Thu Mar 14 01:54:27 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)	11.975	3051399	18.494 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
12) S 1-chlorooctadecane (S...	13.408	2354269	18.465 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
Target Compounds			
1) T n-Nonane (C9)	3.364	2829986	18.823 ug/mlm
2) T n-Decane (C10)	4.615	2888455	18.840 ug/ml
3) T A~Naphthalene (C11.7)	6.317	2983370	18.712 ug/ml
4) T n-Dodecane (C12)	6.779	2894422	18.811 ug/ml
5) T A~2-methylnaphthalene...	7.412	2881871	18.778 ug/ml
6) T n-Tetradecane (C14)	8.606	2856995	18.751 ug/ml
7) T n-Hexadecane (C16)	10.213	2941016	18.684 ug/ml
8) T n-Octadecane (C18)	11.655	2958000	18.574 ug/ml
10) T n-Eicosane (C20)	12.963	2838840	18.469 ug/ml
11) T n-Heneicosane (C21)	13.576	2787563	18.423 ug/ml
13) T n-Docosane (C22)	14.161	2772667	18.429 ug/ml
14) T n-Tetracosane (C24)	15.261	2749279	18.410 ug/ml
15) T n-Hexacosane (C26)	16.280	2691820	18.478 ug/ml
16) T n-Octacosane (C28)	17.228	2635455	18.678 ug/ml
17) T n-Tricontane (C30)	18.112	2669103	18.881 ug/ml
18) T n-Dotriacontane (C32)	18.943	2642663	19.163 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2471791	18.932 ug/ml
20) T n-Hexatriacontane (C36)	20.461	2382219	19.122 ug/ml
21) T n-Octatriacontane (C38)	21.202	2313623	18.632 ug/mlm
22) T n-Tetracontane (C40)	22.130	2312237	19.659 ug/ml

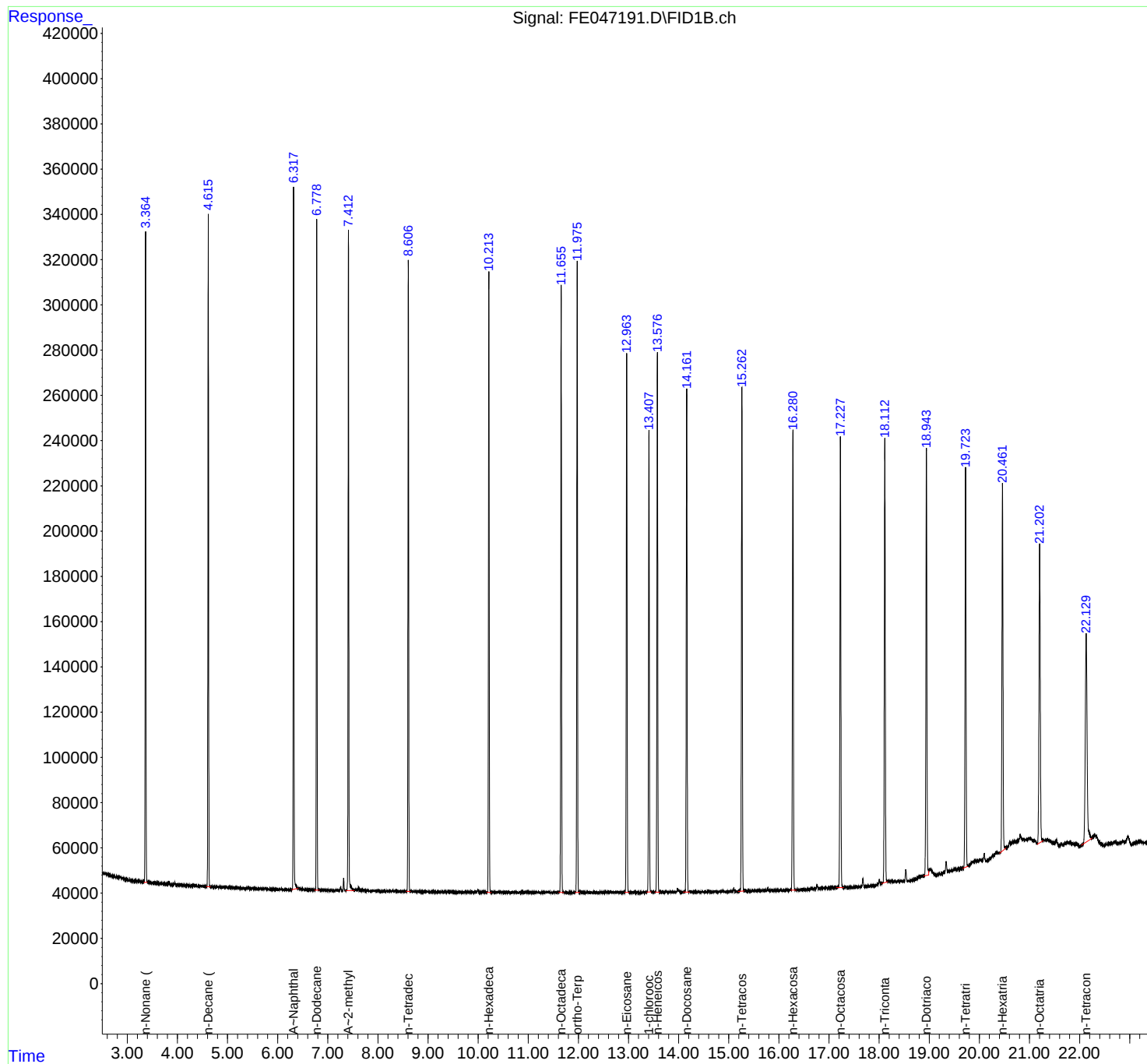
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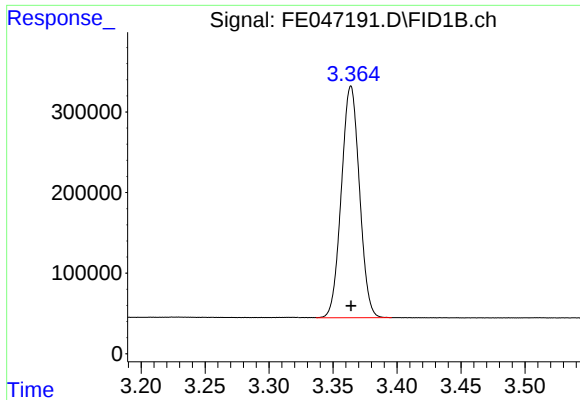
(m)=manual int.

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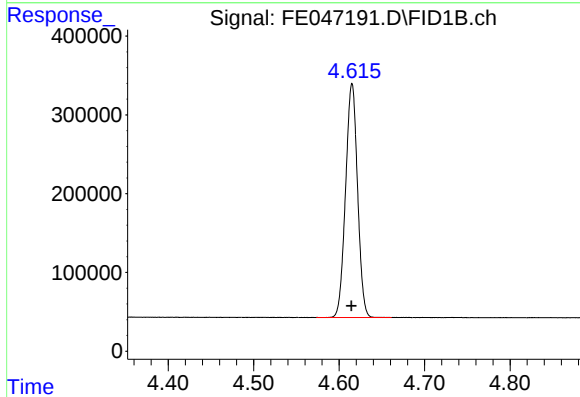
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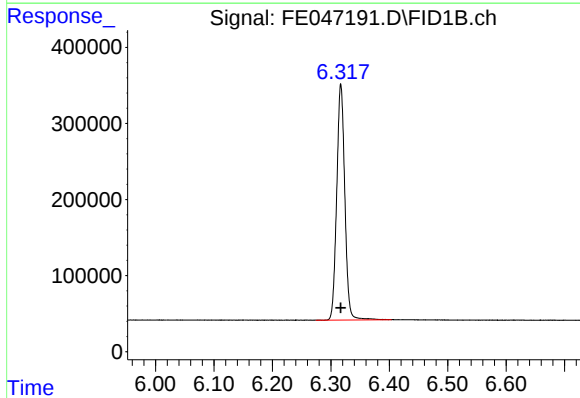
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 2829986
Conc: 18.82 ug/ml m



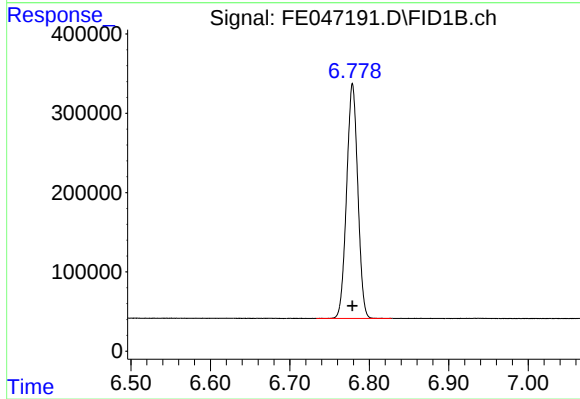
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 2888455
Conc: 18.84 ug/ml



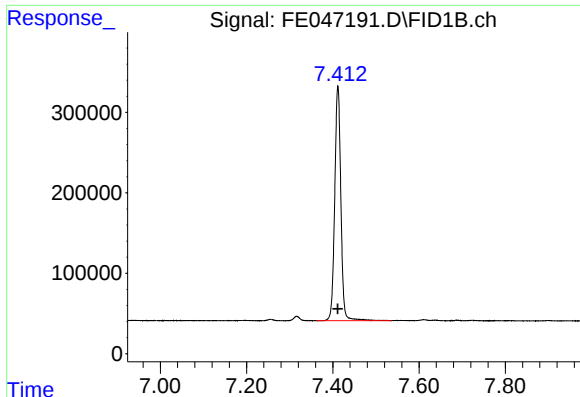
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 2983370
Conc: 18.71 ug/ml



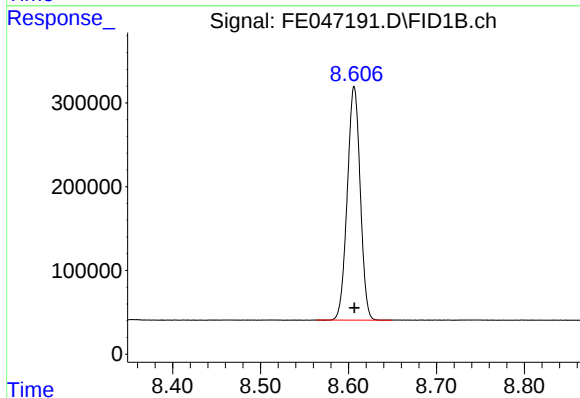
#4 n-Dodecane (C12)

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 2894422
Conc: 18.81 ug/ml



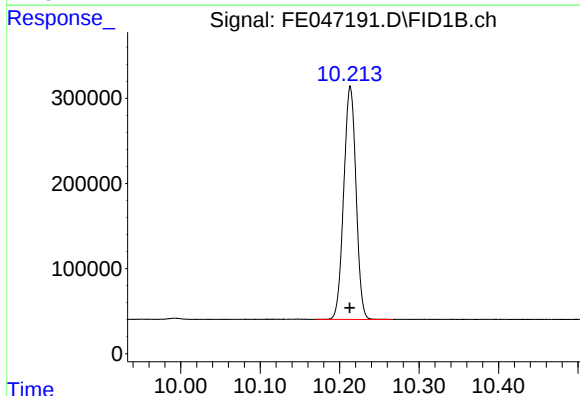
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 2881871
Conc: 18.78 ug/ml



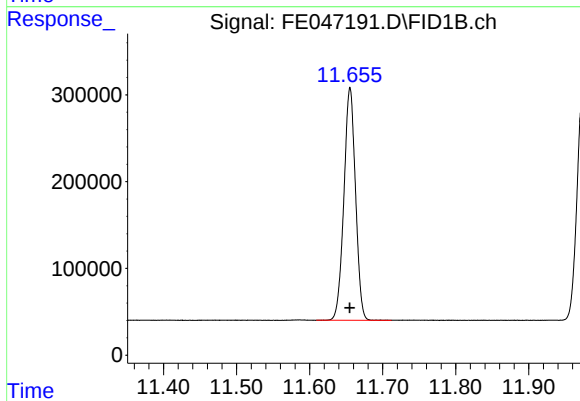
#6 n-Tetradecane (C14)

R.T.: 8.606 min
Delta R.T.: 0.000 min
Response: 2856995
Conc: 18.75 ug/ml



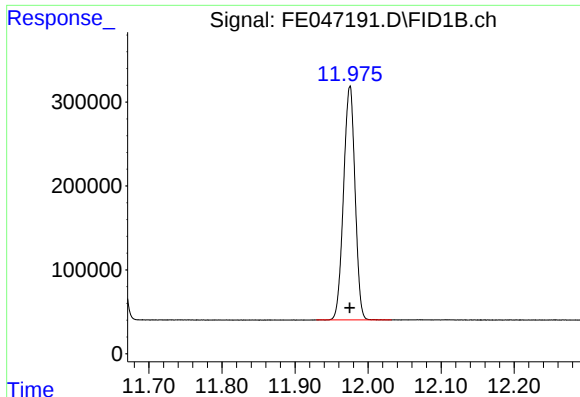
#7 n-Hexadecane (C16)

R.T.: 10.213 min
Delta R.T.: 0.000 min
Response: 2941016
Conc: 18.68 ug/ml



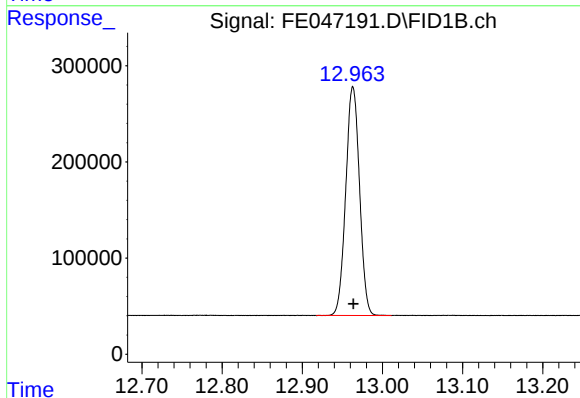
#8 n-Octadecane (C18)

R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 2958000
Conc: 18.57 ug/ml



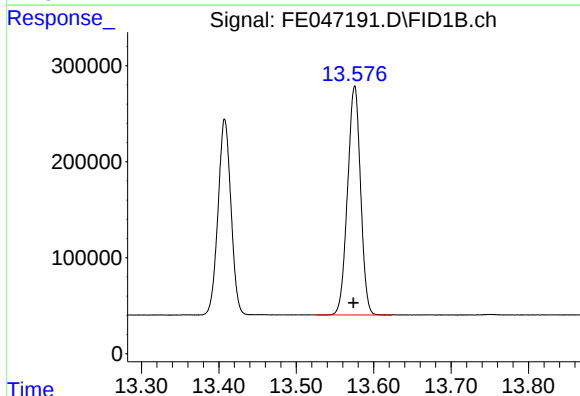
#9 ortho-Terphenyl (SURR)

R.T.: 11.975 min
Delta R.T.: 0.000 min
Response: 3051399
Conc: 18.49 ug/ml



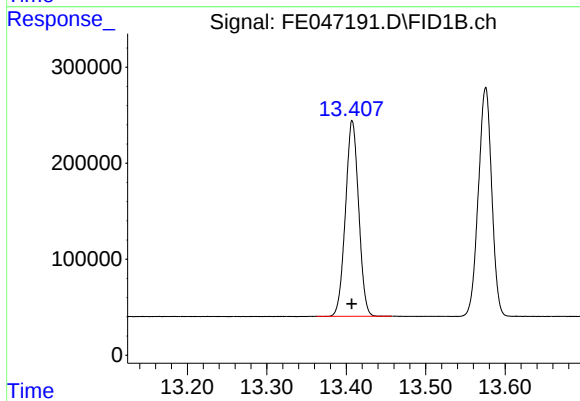
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.000 min
Response: 2838840
Conc: 18.47 ug/ml



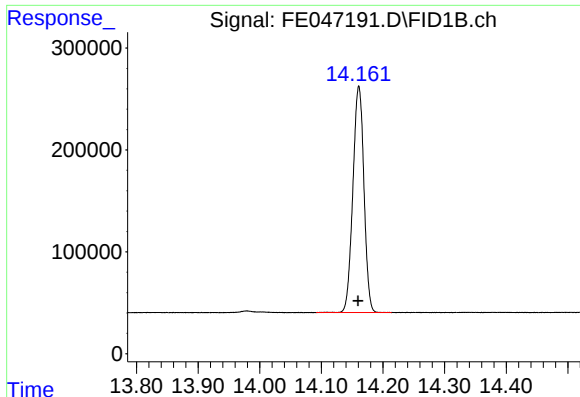
#11 n-Heneicosane (C21)

R.T.: 13.576 min
Delta R.T.: 0.002 min
Response: 2787563
Conc: 18.42 ug/ml



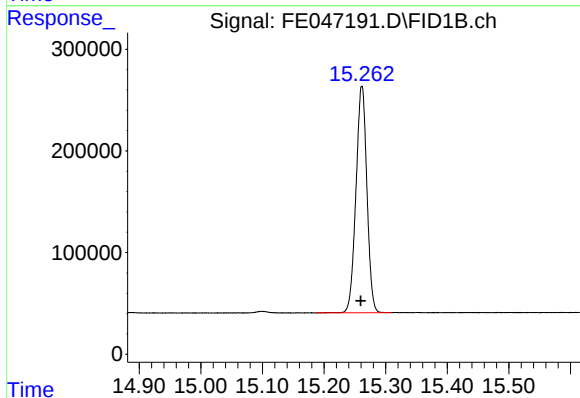
#12 1-chlorooctadecane (SURR)

R.T.: 13.408 min
Delta R.T.: 0.000 min
Response: 2354269
Conc: 18.46 ug/ml



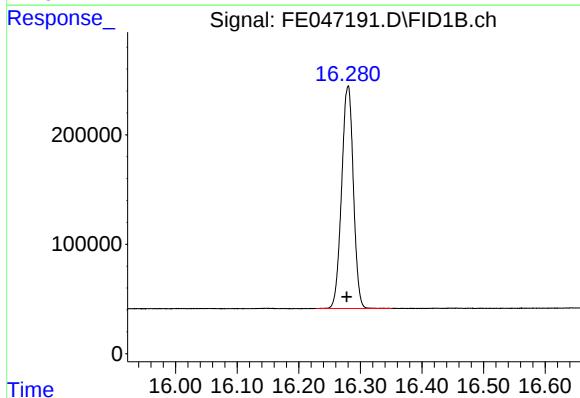
#13 n-Docosane (C22)

R.T.: 14.161 min
Delta R.T.: 0.001 min
Response: 2772667
Conc: 18.43 ug/ml



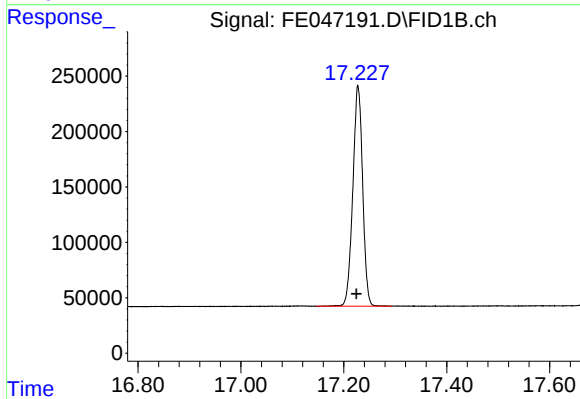
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.002 min
Response: 2749279
Conc: 18.41 ug/ml



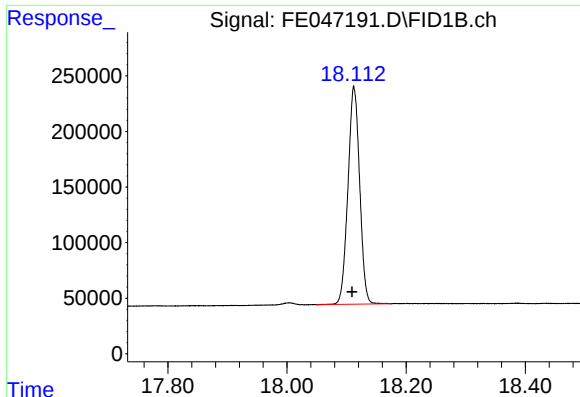
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.002 min
Response: 2691820
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: 0.003 min
Response: 2635455
Conc: 18.68 ug/ml



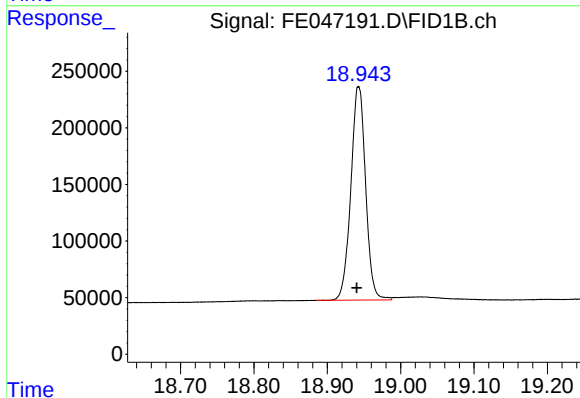
#17 n-Tricontane (C30)

R.T.: 18.112 min

Delta R.T.: 0.003 min

Response: 2669103

Conc: 18.88 ug/ml



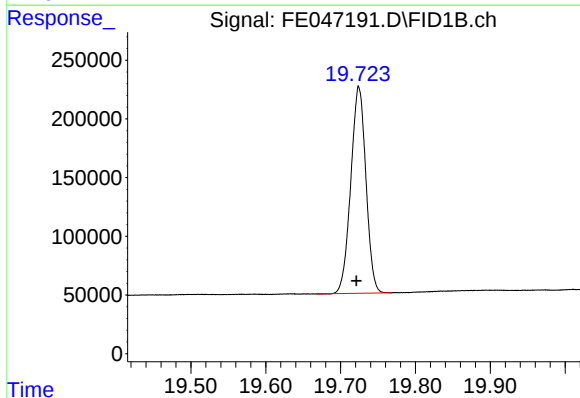
#18 n-Dotriacontane (C32)

R.T.: 18.943 min

Delta R.T.: 0.003 min

Response: 2642663

Conc: 19.16 ug/ml



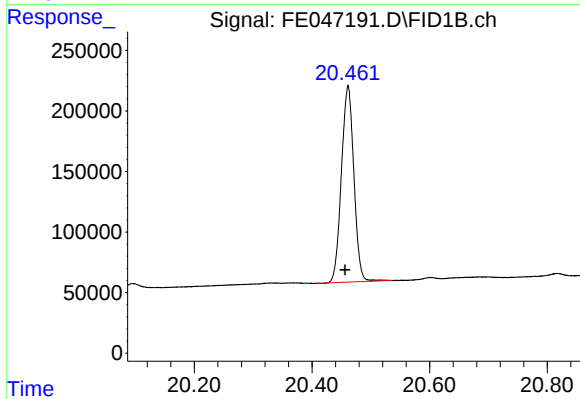
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min

Delta R.T.: 0.003 min

Response: 2471791

Conc: 18.93 ug/ml



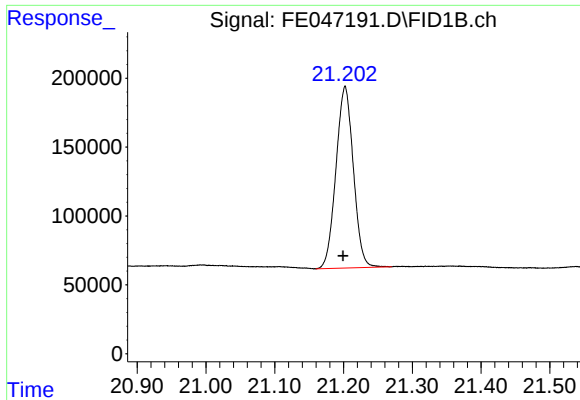
#20 n-Hexatriacontane (C36)

R.T.: 20.461 min

Delta R.T.: 0.005 min

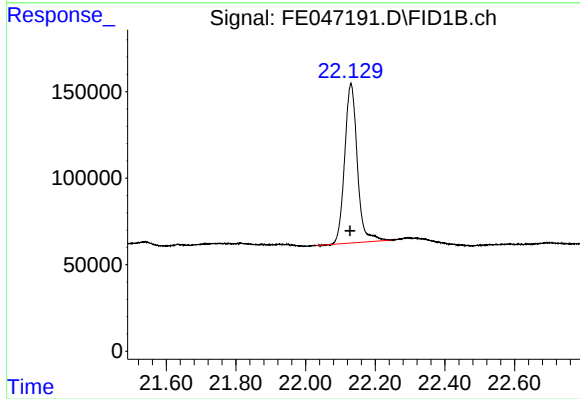
Response: 2382219

Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.003 min
Response: 2313623
Conc: 18.63 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.002 min
Response: 2312237
Conc: 19.66 ug/ml