

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041824AL\
 Data File : FE047689.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2024 19:33
 Operator : YP\AJ
 Sample : P2124-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 B-131-SB02MS

Integration File: autoint1.e
 Quant Time: Apr 19 01:24:07 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			
12) S 1-chlorooctadecane (S...	13.412	3354301	24.940 ug/ml
Spiked Amount 50.000		Recovery =	49.88%
Target Compounds			
1) T n-Nonane (C9)	3.359	4076320	26.055 ug/ml
2) T n-Decane (C10)	4.612	5054283	31.448 ug/ml
4) T n-Dodecane (C12)	6.778	5902734	36.367 ug/ml
6) T n-Tetradecane (C14)	8.607	6496554	40.383 ug/ml
7) T n-Hexadecane (C16)	10.215	7109256	42.807 ug/ml
8) T n-Octadecane (C18)	11.659	7644417	45.584 ug/ml
10) T n-Eicosane (C20)	12.968	7832066	48.345 ug/ml
11) T n-Heneicosane (C21)	13.580	7644856	48.179 ug/ml
13) T n-Docosane (C22)	14.167	7634625	47.573 ug/ml
14) T n-Tetracosane (C24)	15.269	7611315	46.111 ug/ml
15) T n-Hexacosane (C26)	16.289	7549979	45.675 ug/ml
16) T n-Octacosane (C28)	17.238	7527432	45.424 ug/ml
17) T n-Tricontane (C30)	18.124	7618639	44.875 ug/ml
18) T n-Dotriacontane (C32)	18.957	7610966	45.643 ug/ml
19) T n-Tetratriacontane (C34)	19.741	7821847	48.769 ug/ml
20) T n-Hexatriacontane (C36)	20.480	7854458	49.245 ug/ml
21) T n-Octatriacontane (C38)	21.223	7967967	49.026 ug/ml
22) T n-Tetracontane (C40)	22.155	7845300	47.918 ug/ml

(f)=RT Delta > 1/2 Window

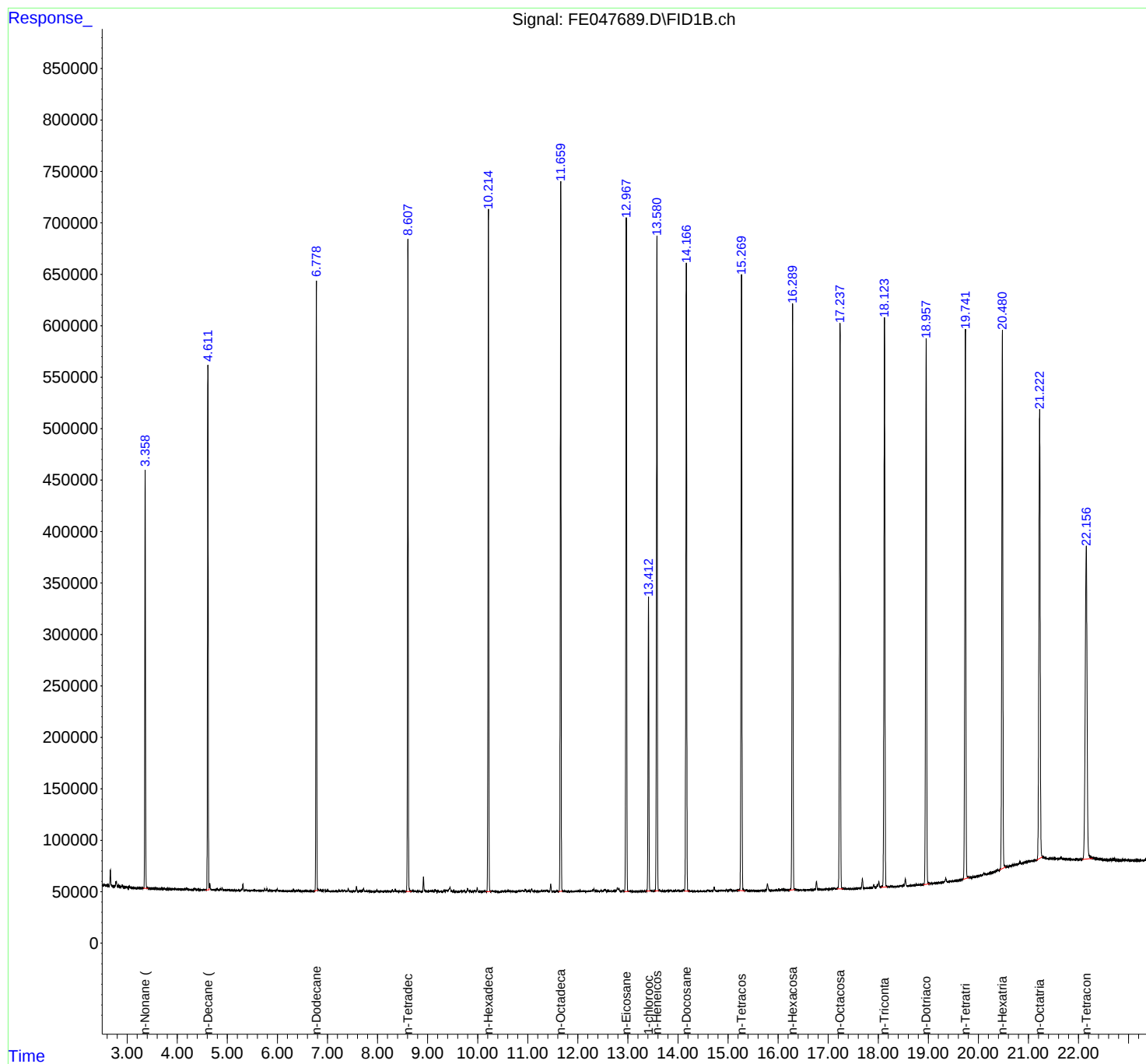
(m)=manual int.

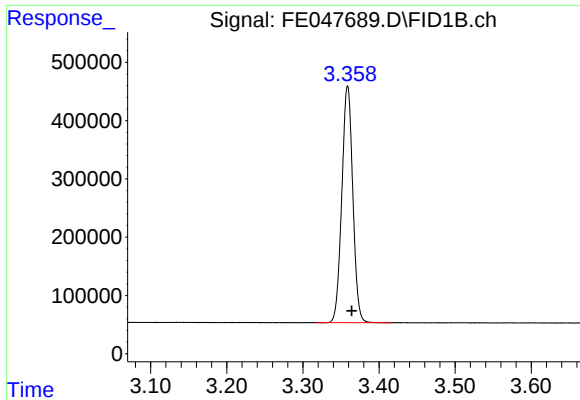
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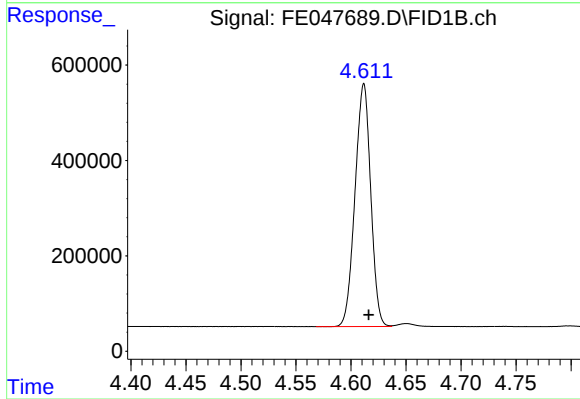




#1 n-Nonane (C9)

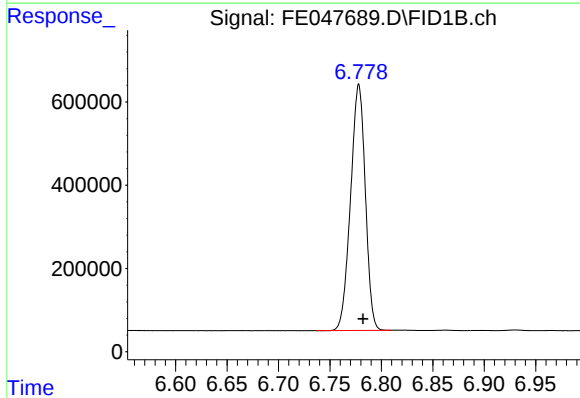
R.T.: 3.359 min
Delta R.T.: -0.005 min
Response: 4076320
Conc: 26.06 ug/ml

Instrument :
FID_E
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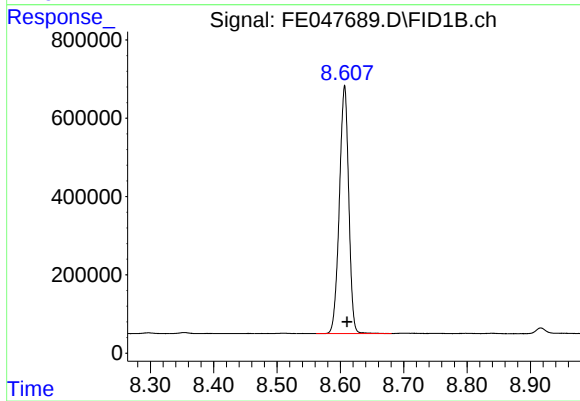
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.004 min
Response: 5054283
Conc: 31.45 ug/ml



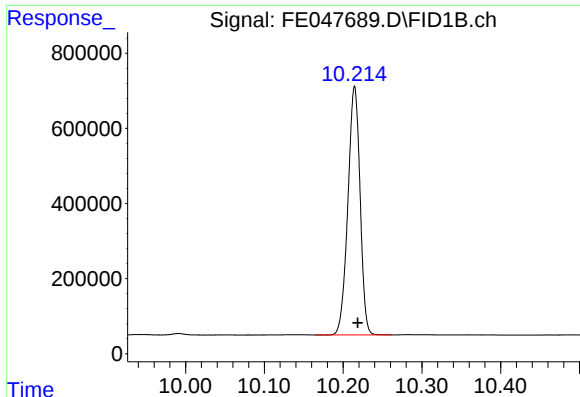
#4 n-Dodecane (C12)

R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 5902734
Conc: 36.37 ug/ml



#6 n-Tetradecane (C14)

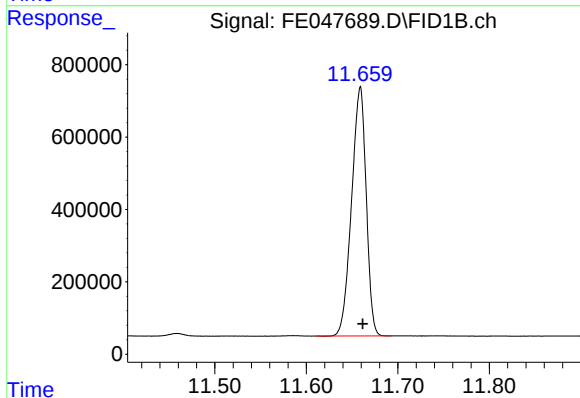
R.T.: 8.607 min
Delta R.T.: -0.004 min
Response: 6496554
Conc: 40.38 ug/ml



#7 n-Hexadecane (C16)

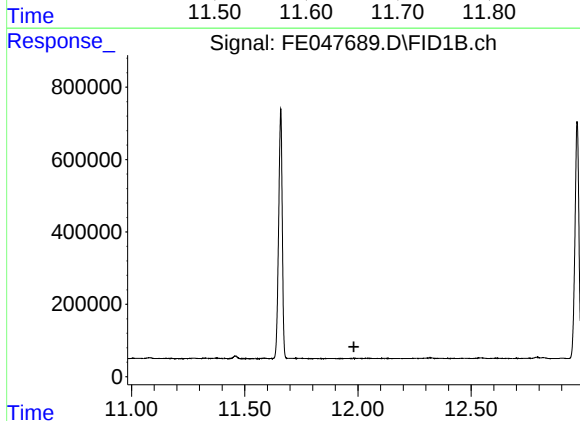
R.T.: 10.215 min
Delta R.T.: -0.004 min
Response: 7109256
Conc: 42.81 ug/ml

Instrument :
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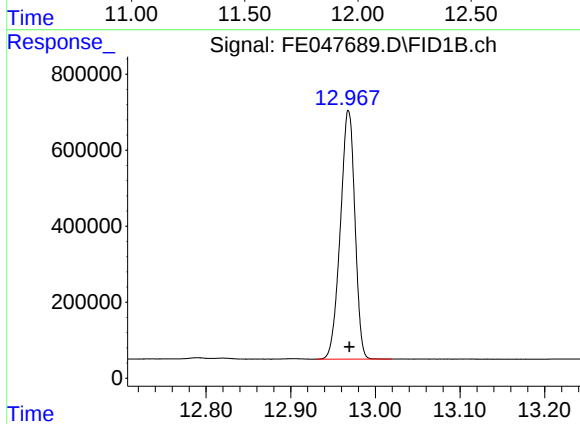
#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: -0.003 min
Response: 7644417
Conc: 45.58 ug/ml



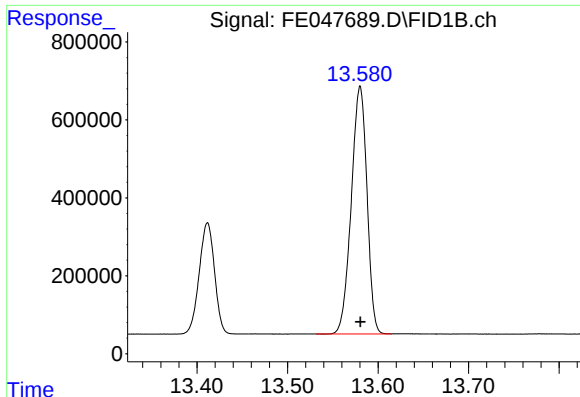
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.982 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

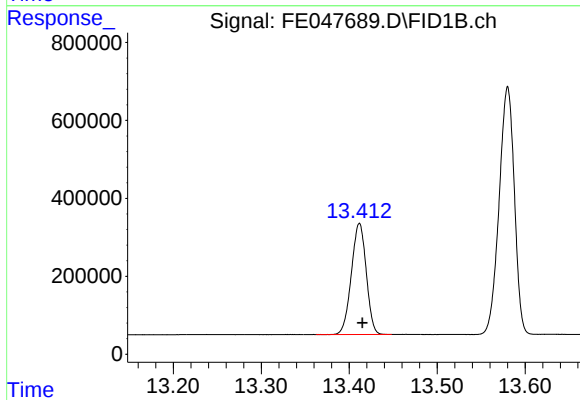
R.T.: 12.968 min
Delta R.T.: -0.001 min
Response: 7832066
Conc: 48.35 ug/ml



#11 n-Heneicosane (C21)

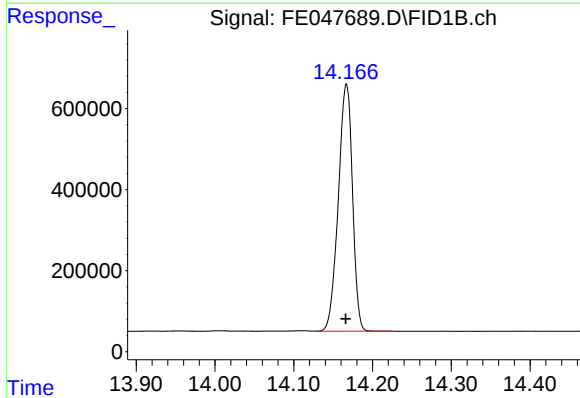
R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 7644856
Conc: 48.18 ug/ml

Instrument :
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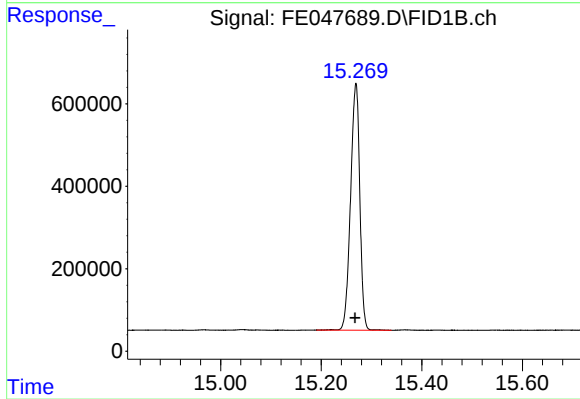
#12 1-chlorooctadecane (SURR)

R.T.: 13.412 min
Delta R.T.: -0.004 min
Response: 3354301
Conc: 24.94 ug/ml



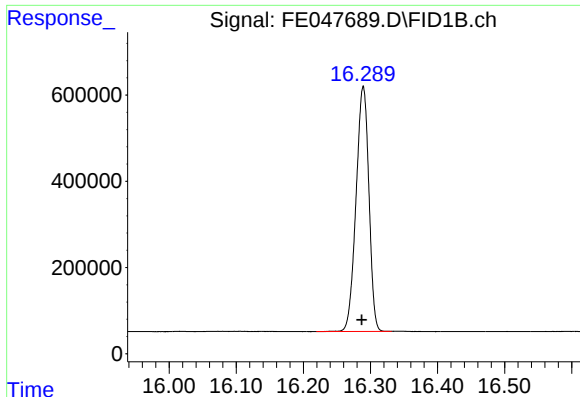
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 7634625
Conc: 47.57 ug/ml



#14 n-Tetracosane (C24)

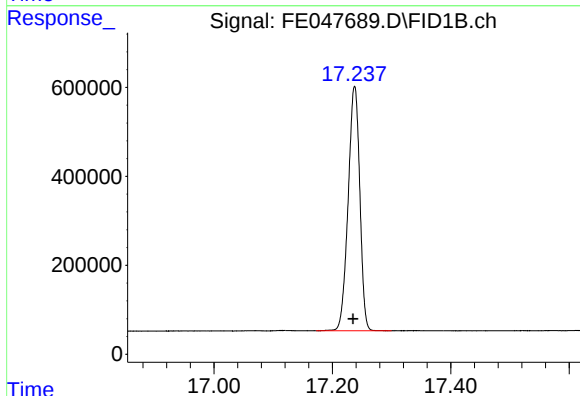
R.T.: 15.269 min
Delta R.T.: 0.002 min
Response: 7611315
Conc: 46.11 ug/ml



#15 n-Hexacosane (C26)

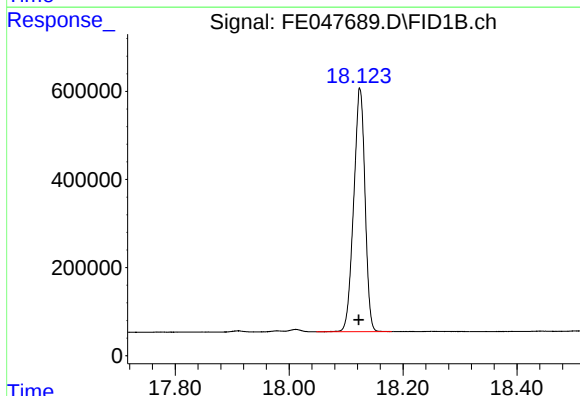
R.T.: 16.289 min
Delta R.T.: 0.002 min
Response: 7549979
Conc: 45.68 ug/ml

Instrument :
FID_E
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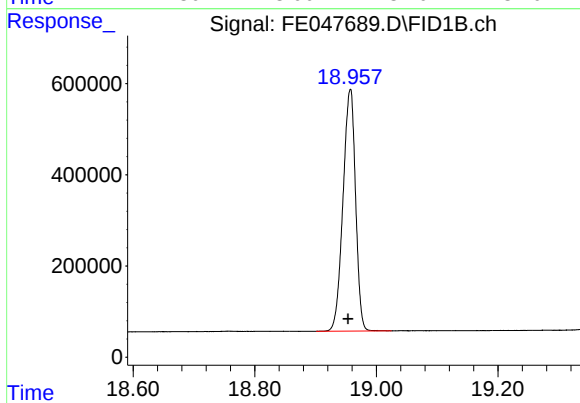
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.002 min
Response: 7527432
Conc: 45.42 ug/ml



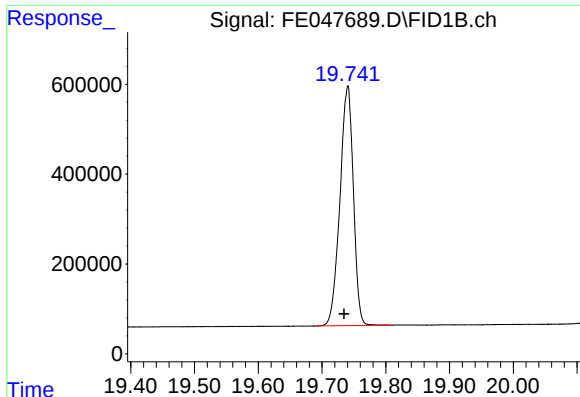
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.002 min
Response: 7618639
Conc: 44.87 ug/ml



#18 n-Dotriacontane (C32)

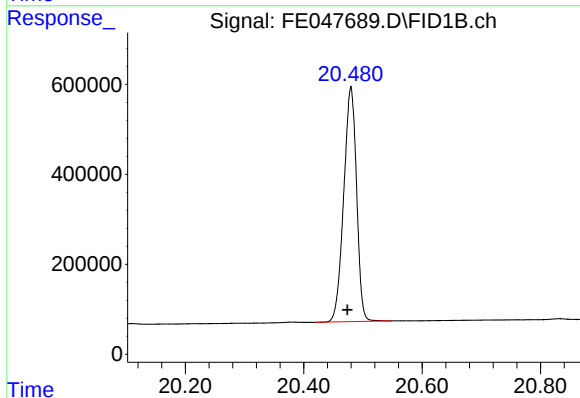
R.T.: 18.957 min
Delta R.T.: 0.004 min
Response: 7610966
Conc: 45.64 ug/ml



#19 n-Tetratriacontane (C34)

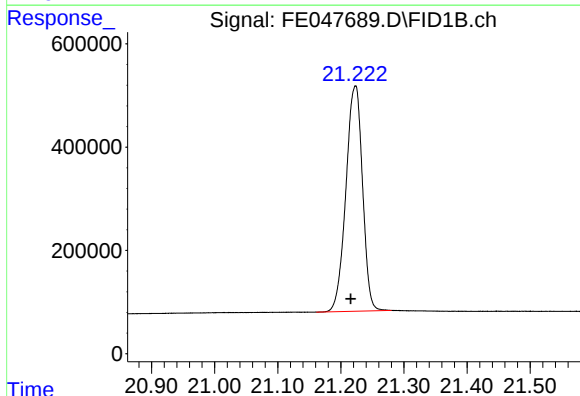
R.T.: 19.741 min
Delta R.T.: 0.006 min
Response: 7821847
Conc: 48.77 ug/ml

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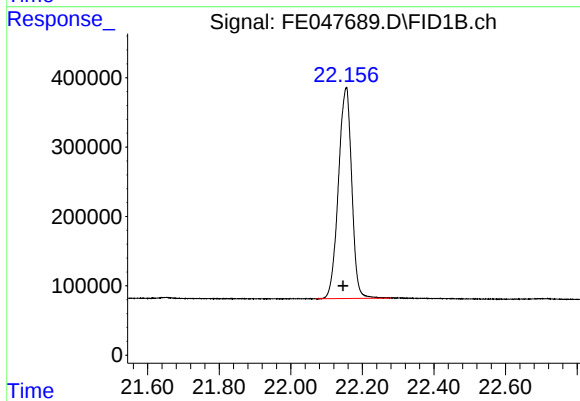
#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: 0.006 min
Response: 7854458
Conc: 49.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.008 min
Response: 7967967
Conc: 49.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.009 min
Response: 7845300
Conc: 47.92 ug/ml