

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030123AL\
 Data File : FE040591.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2023 10:33
 Operator : YP\AJ
 Sample : 01627-03
 Misc : 2.5 PPM SOIL MDL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Integration File: autoint1.e
 Quant Time: Mar 01 02:55:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 03:05:09 2023
 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...	13.321	9022781	60.963 ug/ml
Spiked Amount 50.000		Recovery =	121.93%
Target Compounds			
1) T n-Nonane (C9)	3.282	231807	1.506 ug/ml
2) T n-Decane (C10)	4.527	283031	1.881 ug/ml
4) T n-Dodecane (C12)	6.689	347794	2.272 ug/ml
6) T n-Tetradecane (C14)	8.517	344729	2.230 ug/ml
7) T n-Hexadecane (C16)	10.123	380171	2.354 ug/ml
8) T n-Octadecane (C18)	11.563	452874	2.667 ug/ml
10) T n-Eicosane (C20)	12.873	482536	2.852 ug/ml
11) T n-Heneicosane (C21)	13.485	460645	2.688 ug/ml
13) T n-Docosane (C22)	14.072	495376	2.892 ug/ml
14) T n-Tetracosane (C24)	15.175	511847	2.969 ug/ml
15) T n-Hexacosane (C26)	16.197	527328	3.103 ug/ml
16) T n-Octacosane (C28)	17.146	530546	3.164 ug/ml
17) T n-Tricontane (C30)	18.034	566329	3.468 ug/ml
18) T n-Dotriacontane (C32)	18.868	592312	3.461 ug/ml
19) T n-Tetratriacontane (C34)	19.653	532859	3.447 ug/ml
20) T n-Hexatriacontane (C36)	20.395	455218	3.133 ug/ml
21) T n-Octatriacontane (C38)	21.125	412803	3.003 ug/ml
22) T n-Tetracontane (C40)	22.020	473244	3.063 ug/ml

(f)=RT Delta > 1/2 Window

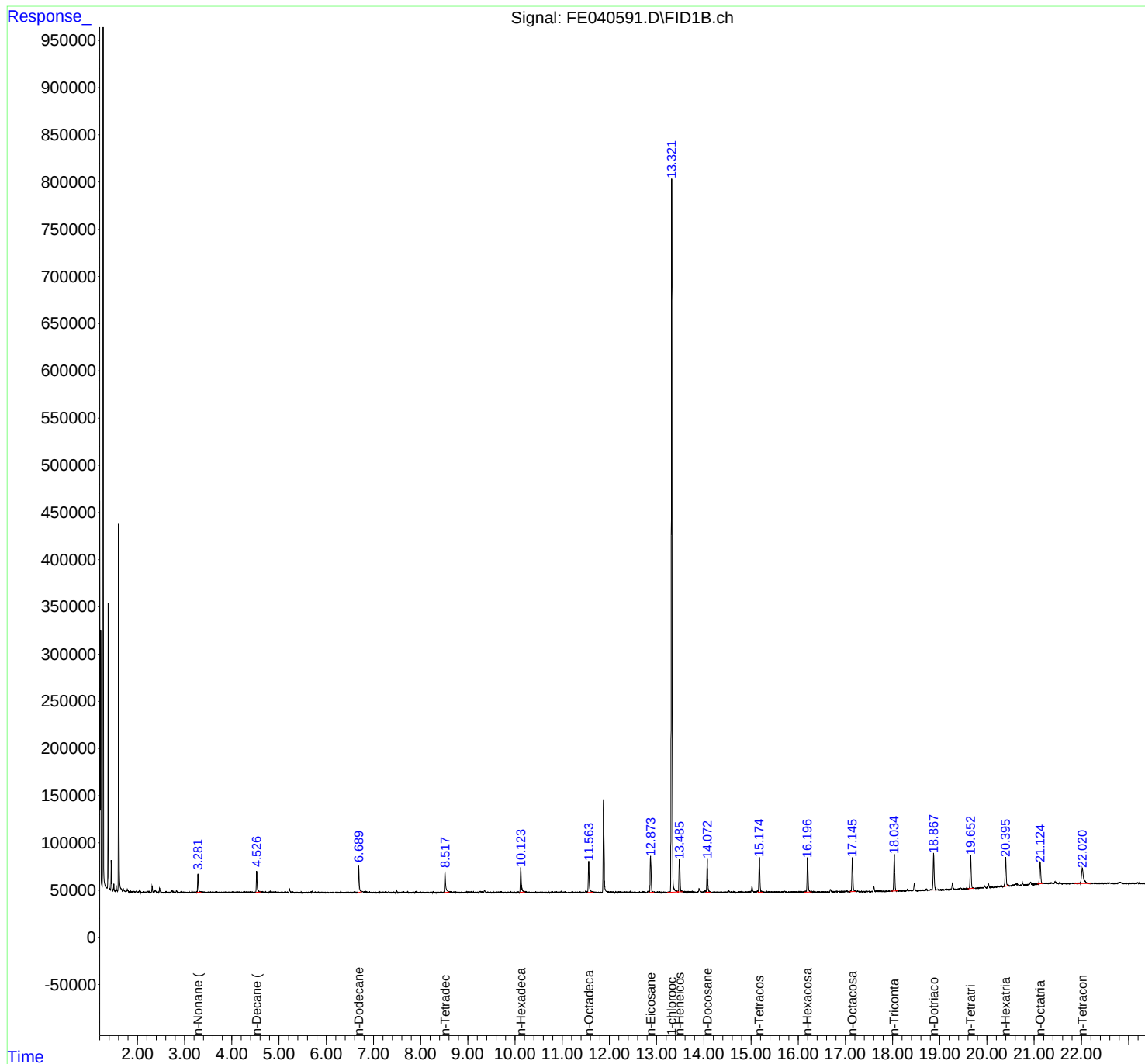
(m)=manual int.

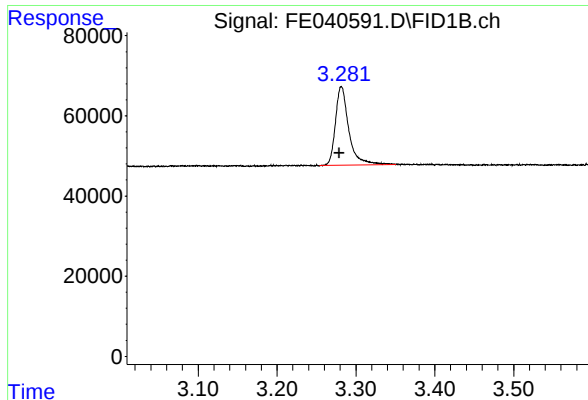
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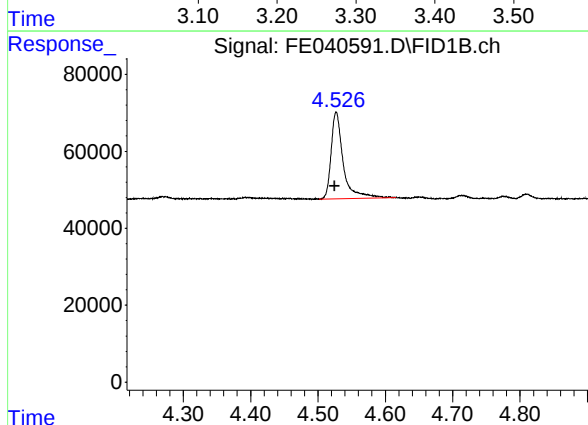




#1 n-Nonane (C9)

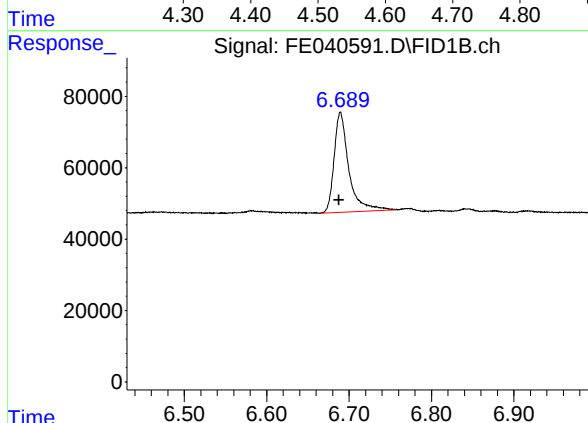
R.T.: 3.282 min
Delta R.T.: 0.003 min
Response: 231807
Conc: 1.51 ug/ml

Instrument :
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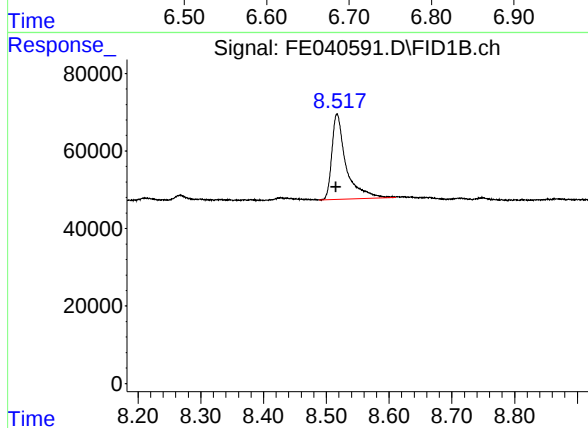
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 283031
Conc: 1.88 ug/ml



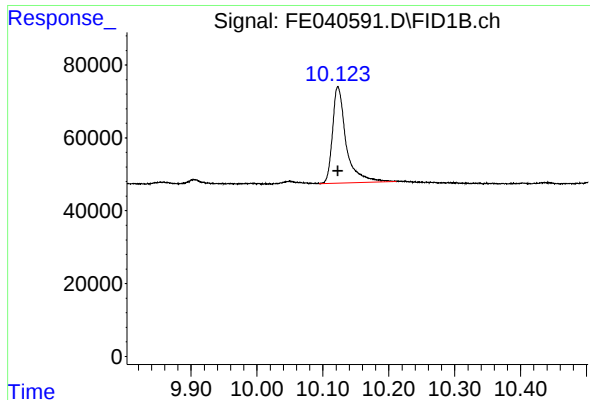
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.002 min
Response: 347794
Conc: 2.27 ug/ml



#6 n-Tetradecane (C14)

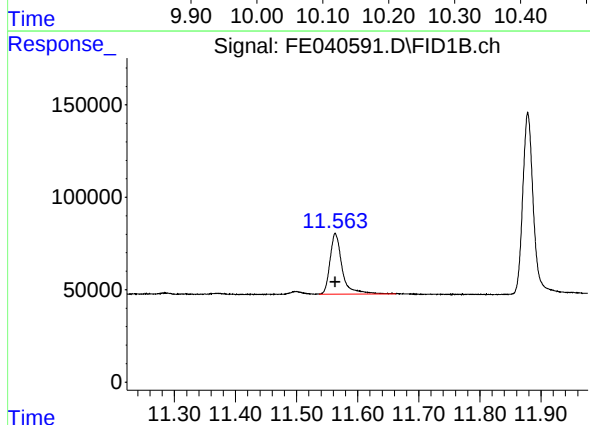
R.T.: 8.517 min
Delta R.T.: 0.002 min
Response: 344729
Conc: 2.23 ug/ml



#7 n-Hexadecane (C16)

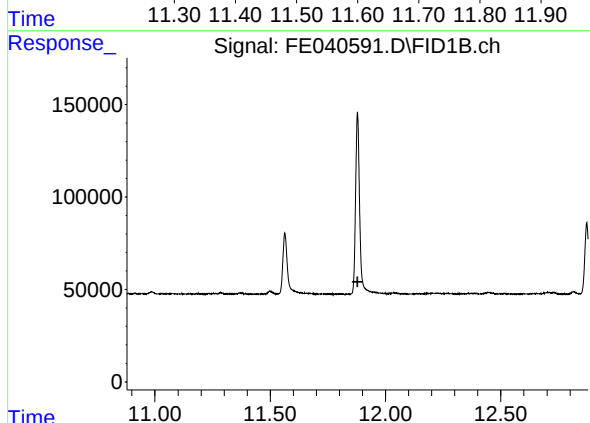
R.T.: 10.123 min
Delta R.T.: 0.000 min
Response: 380171
Conc: 2.35 ug/ml

Instrument :
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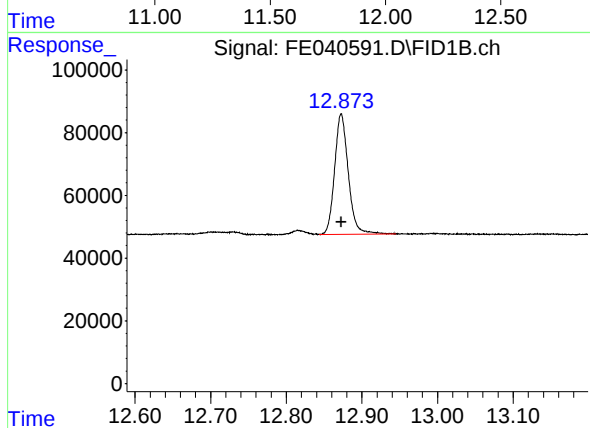
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: 0.000 min
Response: 452874
Conc: 2.67 ug/ml



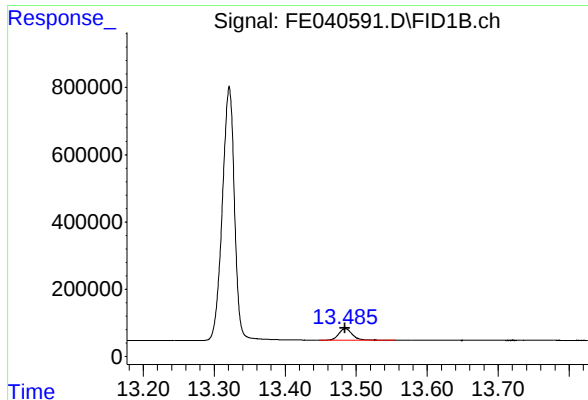
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.879 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

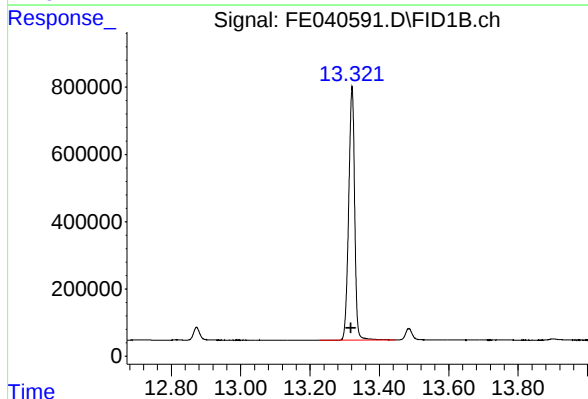
R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 482536
Conc: 2.85 ug/ml



#11 n-Heneicosane (C21)

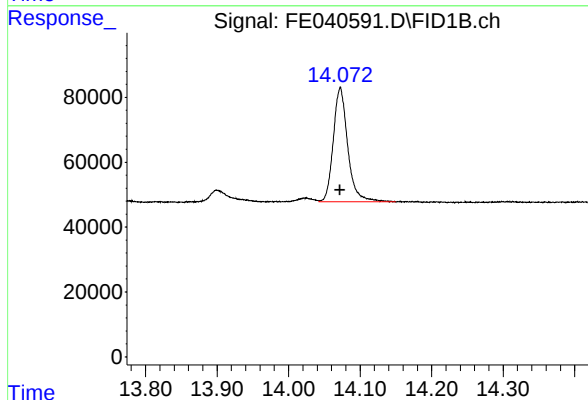
R.T.: 13.485 min
Delta R.T.: 0.001 min
Response: 460645
Conc: 2.69 ug/ml

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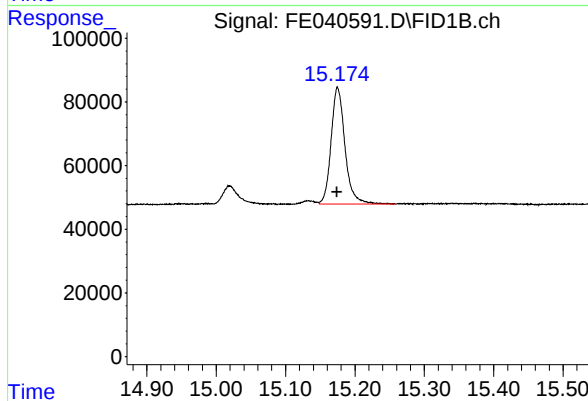
#12 1-chlorooctadecane (SURR)

R.T.: 13.321 min
Delta R.T.: 0.003 min
Response: 9022781
Conc: 60.96 ug/ml



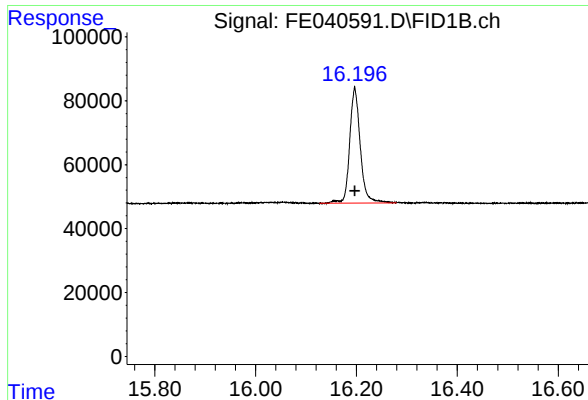
#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: 0.000 min
Response: 495376
Conc: 2.89 ug/ml



#14 n-Tetracosane (C24)

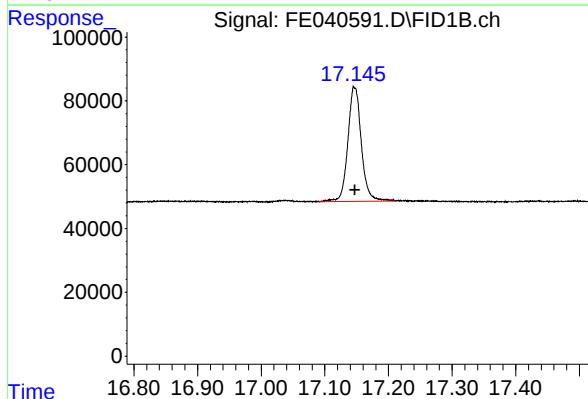
R.T.: 15.175 min
Delta R.T.: 0.000 min
Response: 511847
Conc: 2.97 ug/ml



#15 n-Hexacosane (C26)

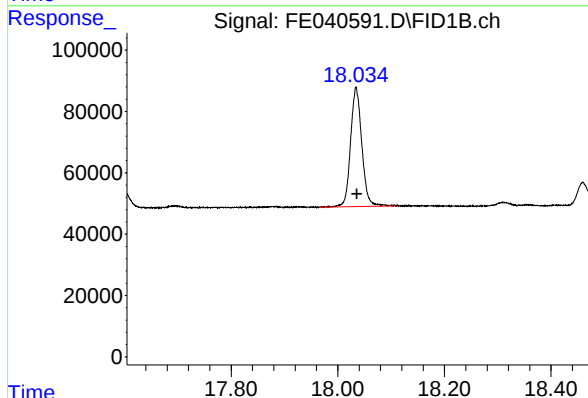
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 527328
Conc: 3.10 ug/ml

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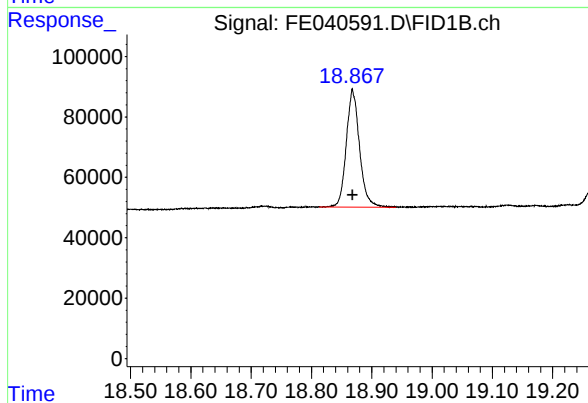
#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: 0.000 min
Response: 530546
Conc: 3.16 ug/ml



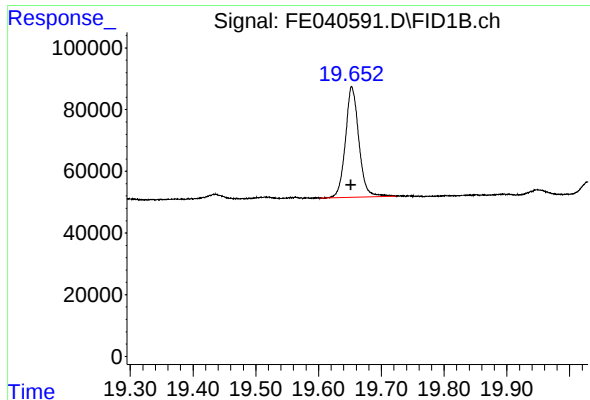
#17 n-Tricontane (C30)

R.T.: 18.034 min
Delta R.T.: -0.002 min
Response: 566329
Conc: 3.47 ug/ml



#18 n-Dotriacontane (C32)

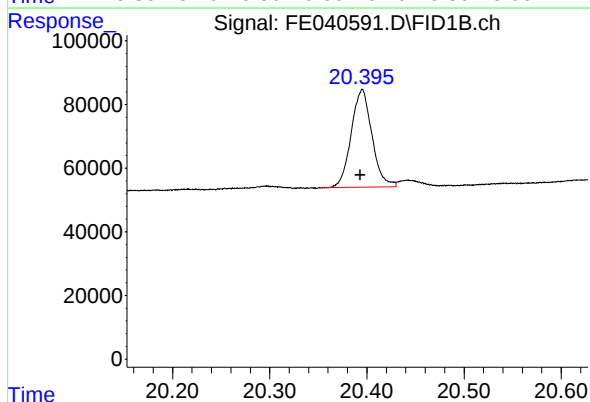
R.T.: 18.868 min
Delta R.T.: 0.000 min
Response: 592312
Conc: 3.46 ug/ml



#19 n-Tetratriacontane (C34)

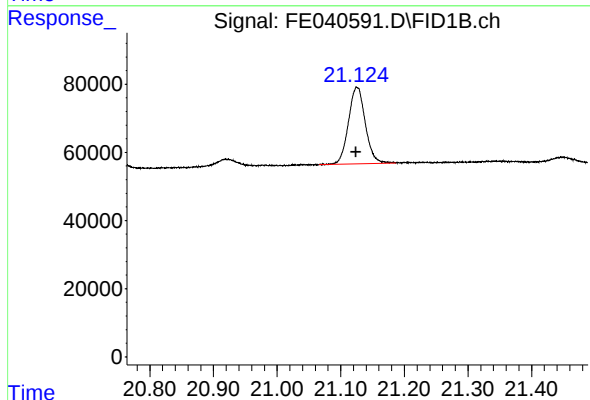
R.T.: 19.653 min
Delta R.T.: 0.000 min
Response: 532859
Conc: 3.45 ug/ml

Instrument :
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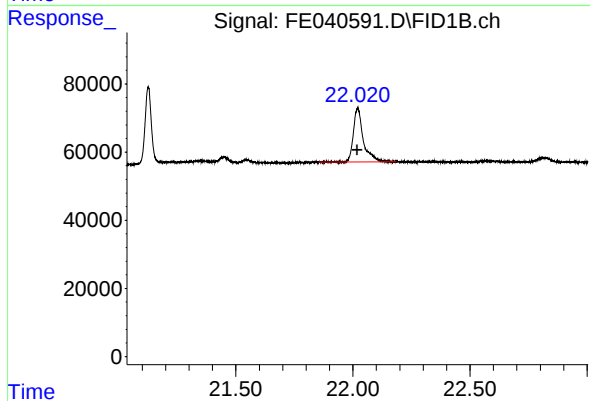
#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: 0.002 min
Response: 455218
Conc: 3.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.002 min
Response: 412803
Conc: 3.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: 0.002 min
Response: 473244
Conc: 3.06 ug/ml