

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022324AL\
 Data File : FE046920.D
 Signal(s) : FID1B.ch
 Acq On : 23 Feb 2024 11:06
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 23 16:32:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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)	11.791	3322916	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
12) S 1-chlorooctadecane (S...	13.234	2540402	20.637 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
Target Compounds			
1) T n-Nonane (C9)	3.183	3089662	20.261 ug/ml
2) T n-Decane (C10)	4.434	3163290	20.424 ug/ml
3) T A~Naphthalene (C11.7)	6.140	3167269	20.109 ug/ml
4) T n-Dodecane (C12)	6.602	3184254	20.480 ug/ml
5) T A~2-methylnaphthalene...	7.237	2965614	20.681 ug/ml
6) T n-Tetradecane (C14)	8.428	3150037	20.428 ug/ml
7) T n-Hexadecane (C16)	10.036	3240541	20.424 ug/ml
8) T n-Octadecane (C18)	11.479	3259682	20.447 ug/ml
10) T n-Eicosane (C20)	12.789	3081468	20.358 ug/ml
11) T n-Heneicosane (C21)	13.400	3017145	20.375 ug/ml
13) T n-Docosane (C22)	13.986	2968531	20.403 ug/ml
14) T n-Tetracosane (C24)	15.090	2926601	20.492 ug/ml
15) T n-Hexacosane (C26)	16.110	2861339	20.476 ug/ml
16) T n-Octacosane (C28)	17.061	2794947	20.515 ug/ml
17) T n-Tricontane (C30)	17.950	2861867	20.513 ug/ml
18) T n-Dotriacontane (C32)	18.783	2822661	20.513 ug/ml
19) T n-Tetratriacontane (C34)	19.567	2752098	20.487 ug/ml
20) T n-Hexatriacontane (C36)	20.309	2732214	20.518 ug/ml
21) T n-Octatriacontane (C38)	21.031	2811287	20.403 ug/ml
22) T n-Tetracontane (C40)	21.903	2892035	20.498 ug/ml

(f)=RT Delta > 1/2 Window

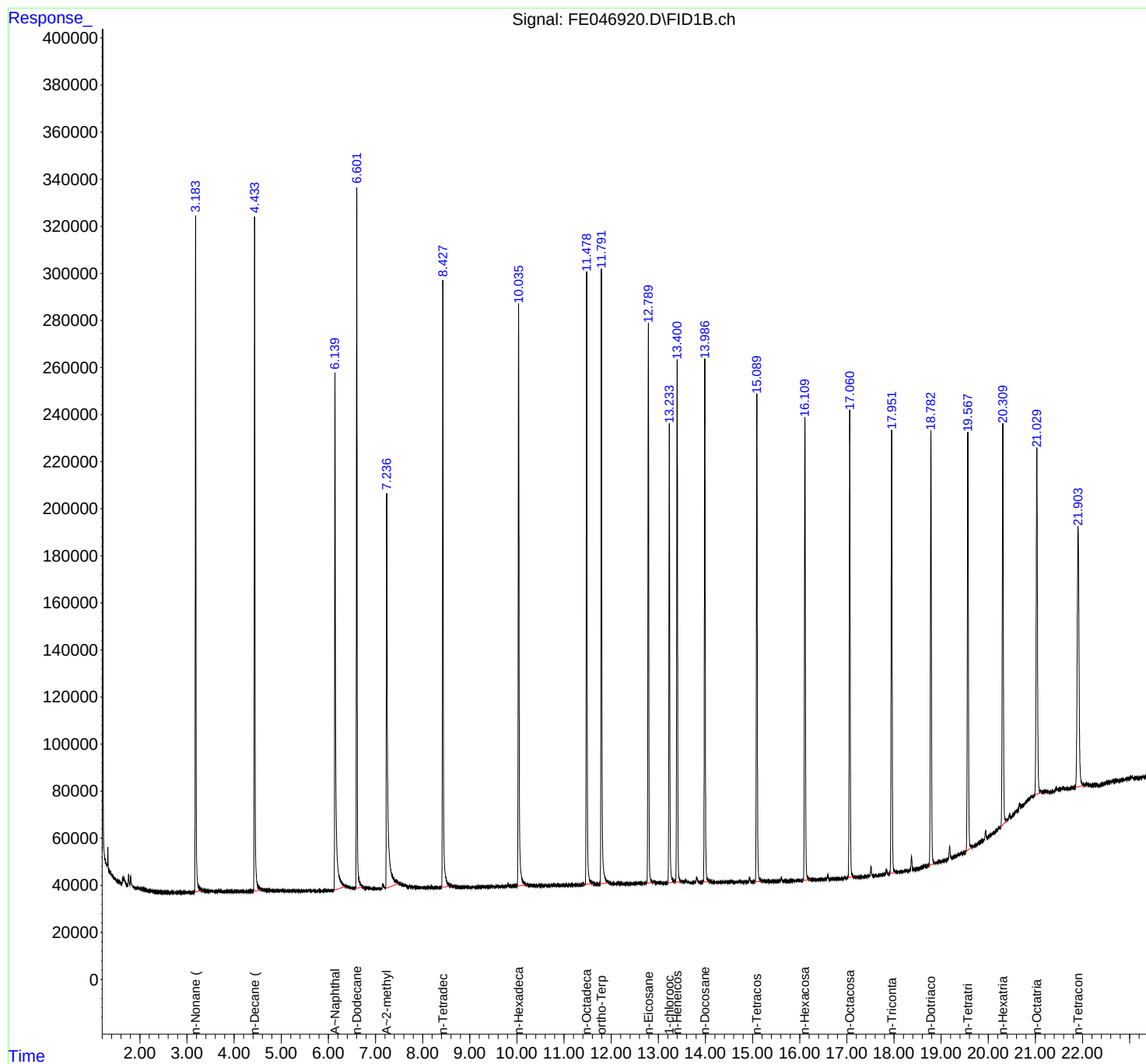
(m)=manual int.

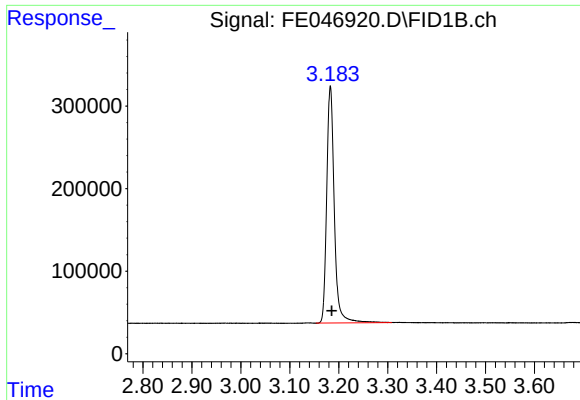
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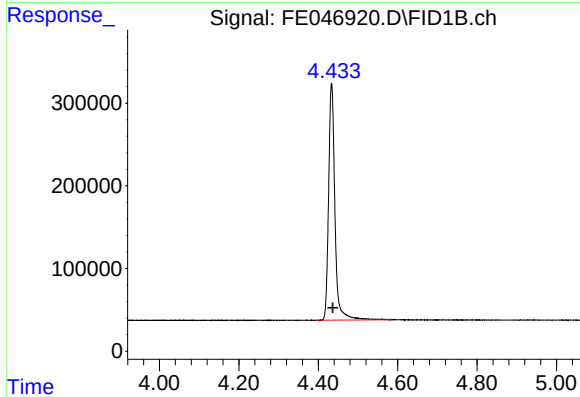




#1 n-Nonane (C9)

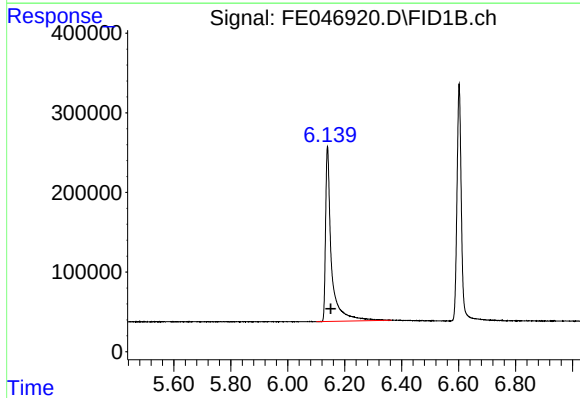
R.T.: 3.183 min
Delta R.T.: -0.003 min
Response: 3089662
Conc: 20.26 ug/ml

Instrument :
FID_E
ClientSampleId :



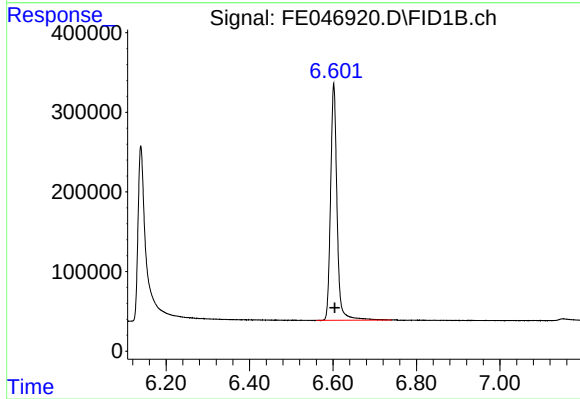
#2 n-Decane (C10)

R.T.: 4.434 min
Delta R.T.: -0.003 min
Response: 3163290
Conc: 20.42 ug/ml



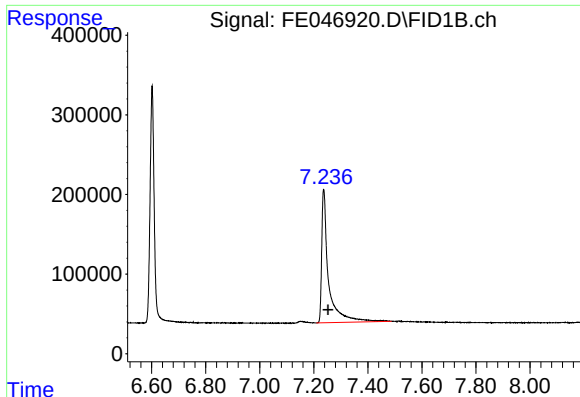
#3 A~Naphthalene (C11.7)

R.T.: 6.140 min
Delta R.T.: -0.012 min
Response: 3167269
Conc: 20.11 ug/ml



#4 n-Dodecane (C12)

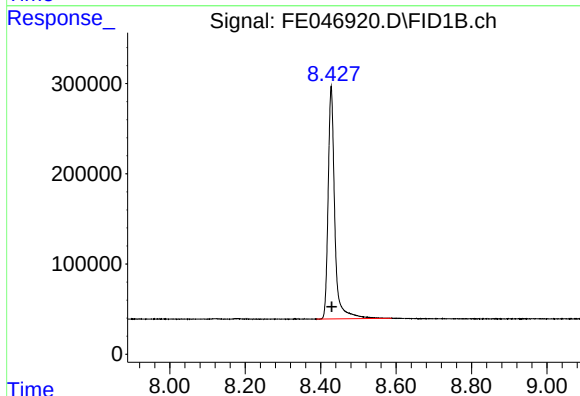
R.T.: 6.602 min
Delta R.T.: -0.002 min
Response: 3184254
Conc: 20.48 ug/ml



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

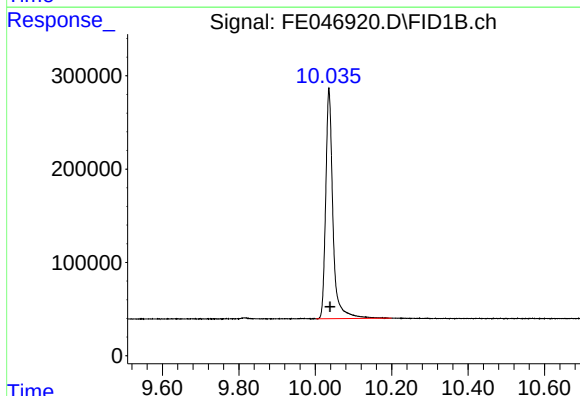
R.T.: 7.237 min
Delta R.T.: -0.016 min
Response: 2965614
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :



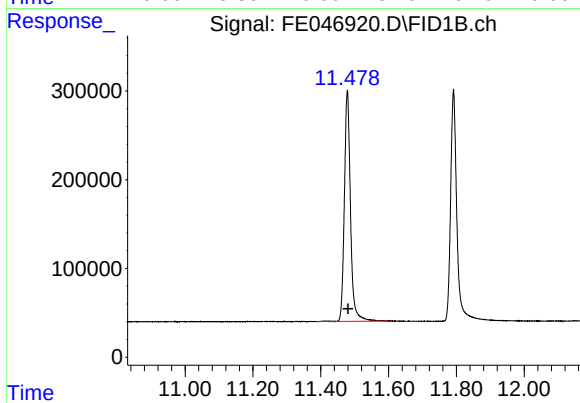
#6 n-Tetradecane (C14)

R.T.: 8.428 min
Delta R.T.: -0.002 min
Response: 3150037
Conc: 20.43 ug/ml



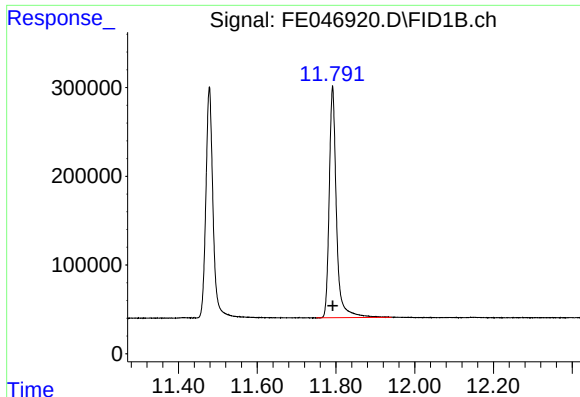
#7 n-Hexadecane (C16)

R.T.: 10.036 min
Delta R.T.: -0.003 min
Response: 3240541
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

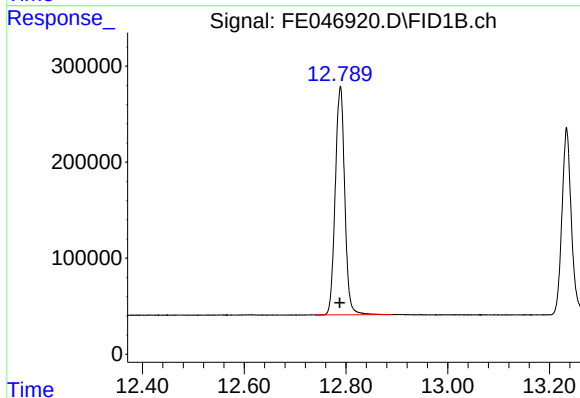
R.T.: 11.479 min
Delta R.T.: -0.002 min
Response: 3259682
Conc: 20.45 ug/ml



#9 ortho-Terphenyl (SURR)

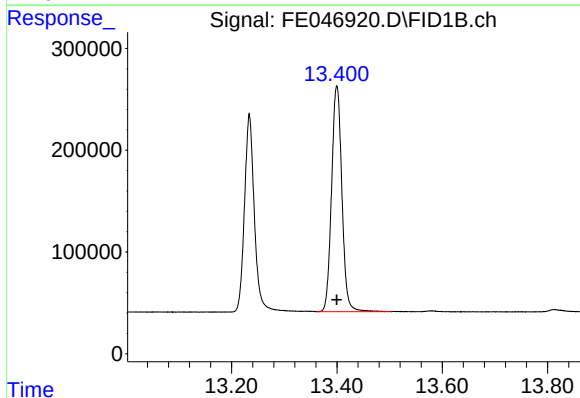
R.T.: 11.791 min
Delta R.T.: 0.000 min
Response: 3322916
Conc: 20.22 ug/ml

Instrument :
FID_E
ClientSampleId :



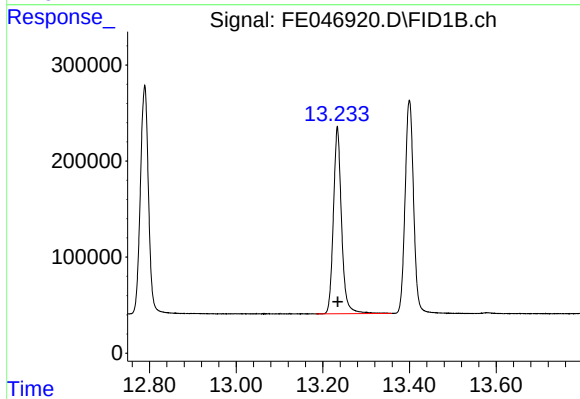
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: 0.001 min
Response: 3081468
Conc: 20.36 ug/ml



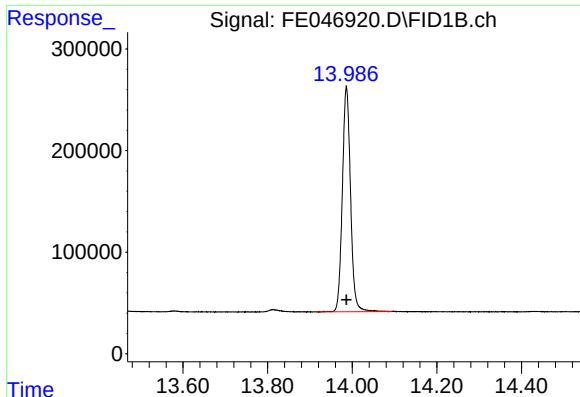
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: 0.000 min
Response: 3017145
Conc: 20.37 ug/ml



#12 1-chlorooctadecane (SURR)

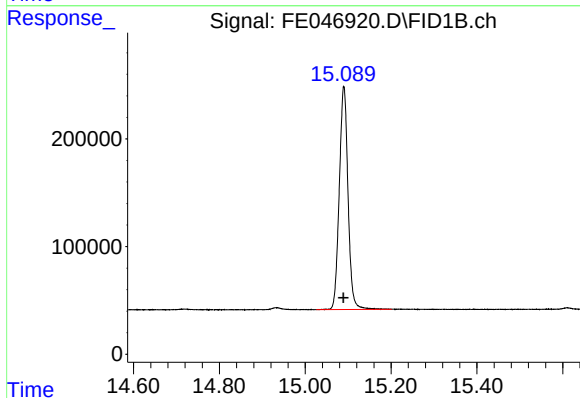
R.T.: 13.234 min
Delta R.T.: -0.001 min
Response: 2540402
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

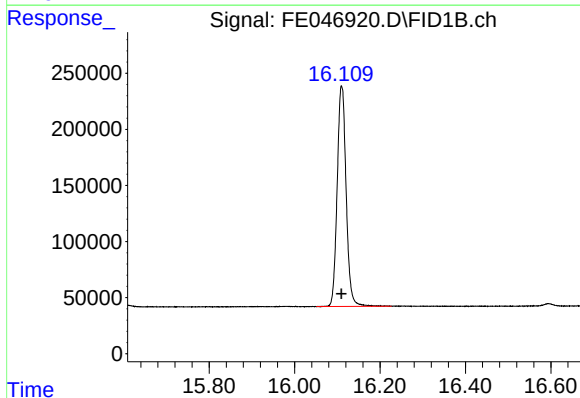
R.T.: 13.986 min
Delta R.T.: 0.000 min
Response: 2968531
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



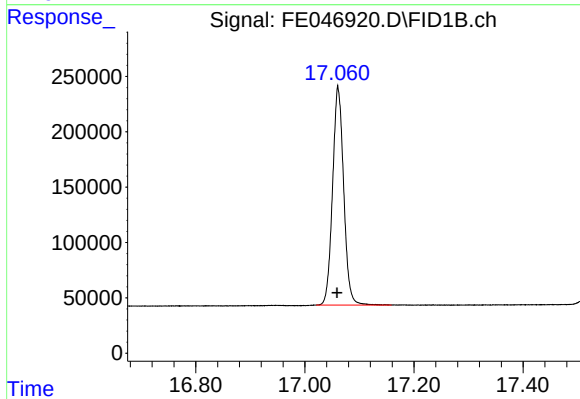
#14 n-Tetracosane (C24)

R.T.: 15.090 min
Delta R.T.: 0.001 min
Response: 2926601
Conc: 20.49 ug/ml



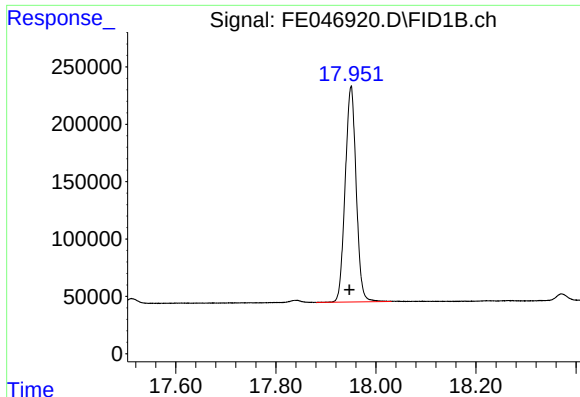
#15 n-Hexacosane (C26)

R.T.: 16.110 min
Delta R.T.: 0.001 min
Response: 2861339
Conc: 20.48 ug/ml



#16 n-Octacosane (C28)

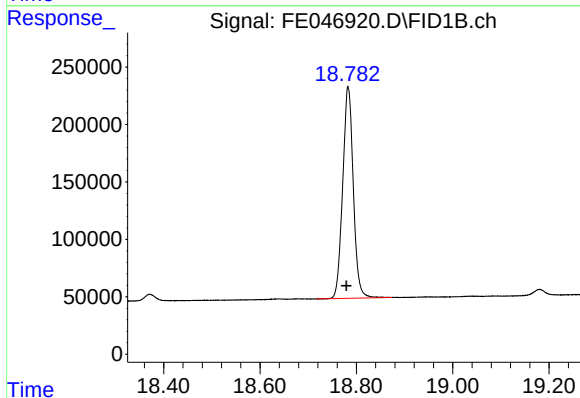
R.T.: 17.061 min
Delta R.T.: 0.002 min
Response: 2794947
Conc: 20.51 ug/ml



#17 n-Tricontane (C30)

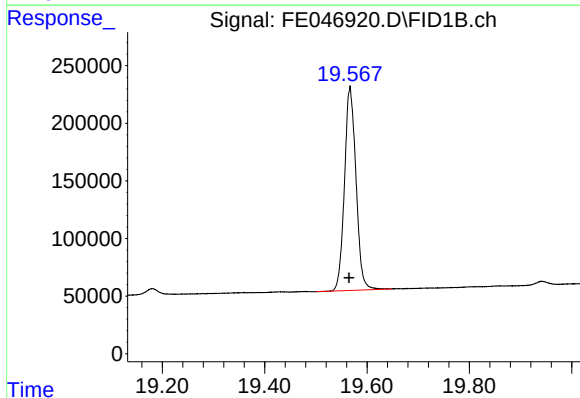
R.T.: 17.950 min
Delta R.T.: 0.004 min
Response: 2861867
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :



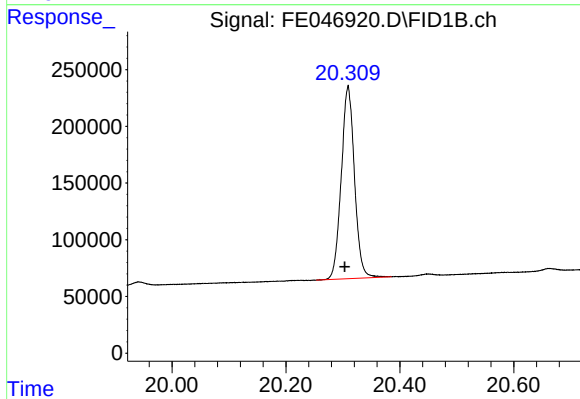
#18 n-Dotriacontane (C32)

R.T.: 18.783 min
Delta R.T.: 0.004 min
Response: 2822661
Conc: 20.51 ug/ml



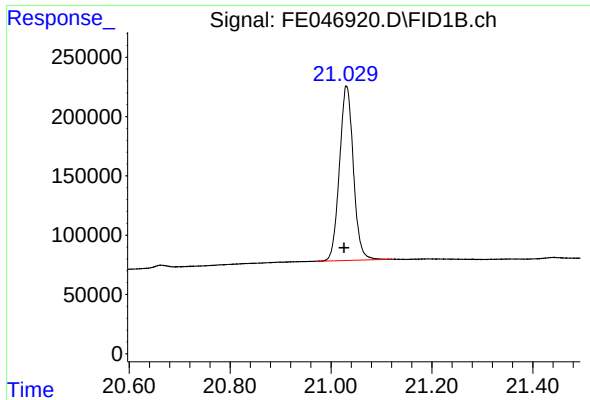
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min
Delta R.T.: 0.002 min
Response: 2752098
Conc: 20.49 ug/ml



#20 n-Hexatriacontane (C36)

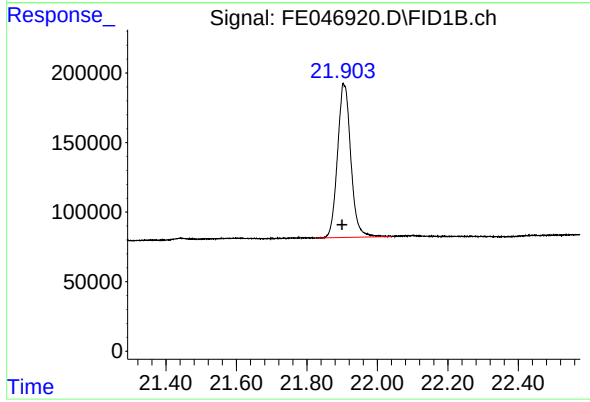
R.T.: 20.309 min
Delta R.T.: 0.006 min
Response: 2732214
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.031 min
Delta R.T.: 0.005 min
Response: 2811287
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.003 min
Response: 2892035
Conc: 20.50 ug/ml