

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022025AL\
 Data File : FE052432.D
 Signal(s) : FID1B.ch
 Acq On : 20 Feb 2025 18:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 01:47:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 2025
 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)	11.917	3445491	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
12) S 1-chlorooctadecane (S...	13.362	2558672	18.408 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
Target Compounds			
1) T n-Nonane (C9)	3.255	3052977	19.889 ug/ml
2) T n-Decane (C10)	4.516	3123050	19.995 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3455387	20.000 ug/ml
4) T n-Dodecane (C12)	6.698	3148576	19.948 ug/ml
5) T A~2-methylnaphthalene...	7.332	3333879	19.851 ug/ml
6) T n-Tetradecane (C14)	8.536	3092262	19.632 ug/ml
7) T n-Hexadecane (C16)	10.151	3140550	19.215 ug/ml
8) T n-Octadecane (C18)	11.601	3118914	18.850 ug/ml
10) T n-Eicosane (C20)	12.917	2961308	18.575 ug/ml
11) T n-Heneicosane (C21)	13.530	2897117	18.492 ug/ml
13) T n-Docosane (C22)	14.119	2872493	18.355 ug/ml
14) T n-Tetracosane (C24)	15.226	2833536	18.017 ug/ml
15) T n-Hexacosane (C26)	16.250	2771124	17.891 ug/ml
16) T n-Octacosane (C28)	17.202	2737122	17.894 ug/ml
17) T n-Tricontane (C30)	18.094	2805962	17.976 ug/ml
18) T n-Dotriacontane (C32)	18.927	2776392	18.144 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2514142	17.673 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2177257	17.469 ug/ml
21) T n-Octatriacontane (C38)	21.197	2037428	18.640 ug/ml
22) T n-Tetracontane (C40)	22.118	2059446	20.474 ug/ml

(f)=RT Delta > 1/2 Window

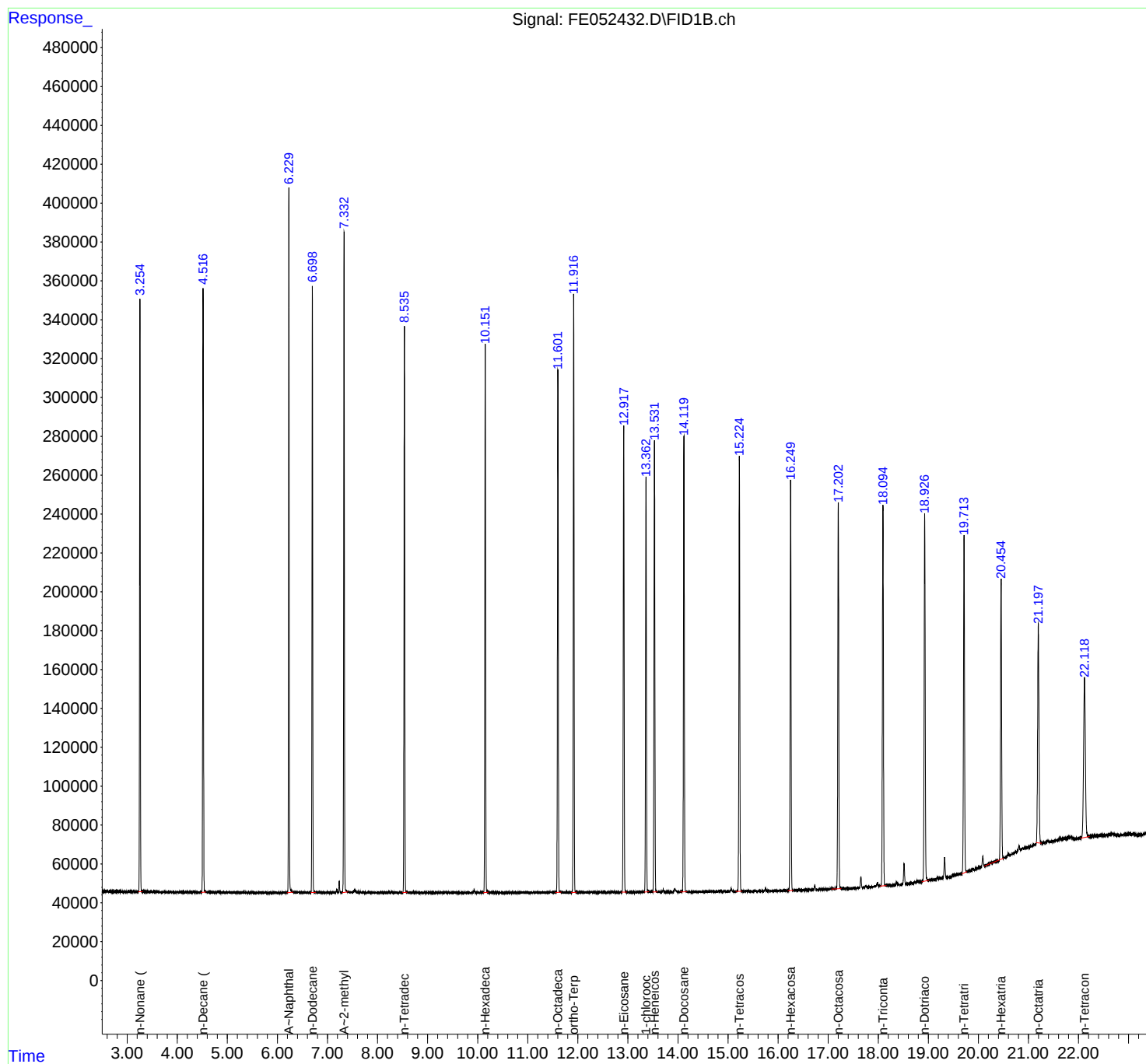
(m)=manual int.

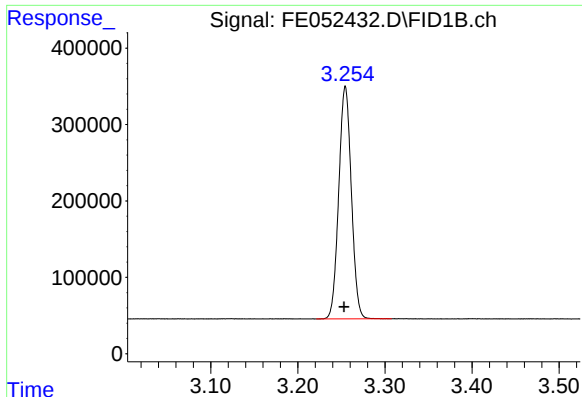
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022025AL\
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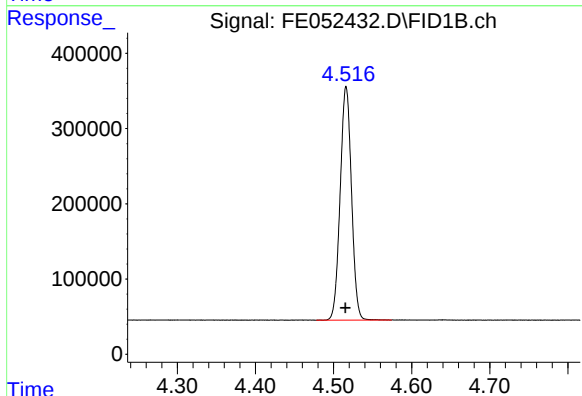




#1 n-Nonane (C9)

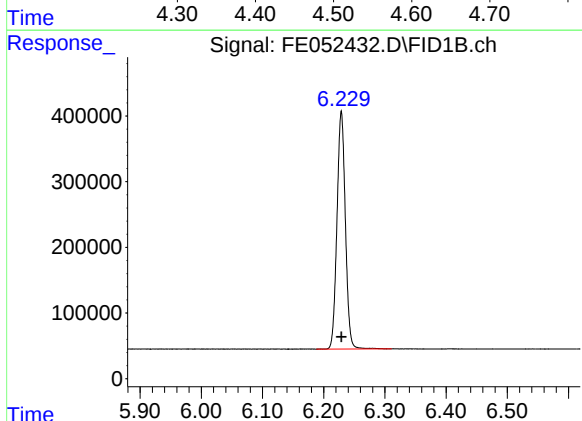
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 3052977
Conc: 19.89 ug/ml

Instrument :
FID_E
ClientSampleId :



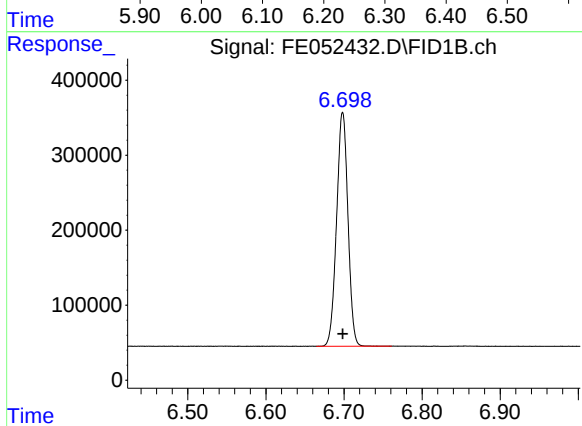
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 3123050
Conc: 20.00 ug/ml



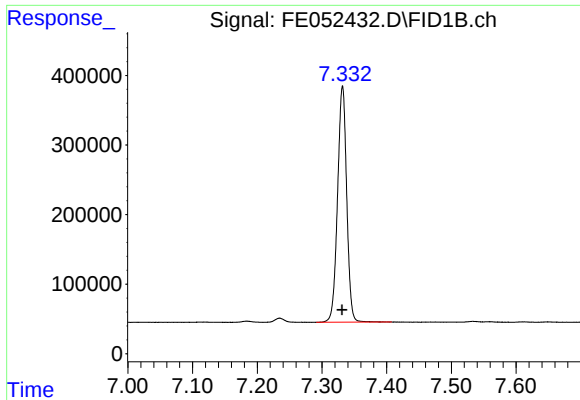
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 3455387
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

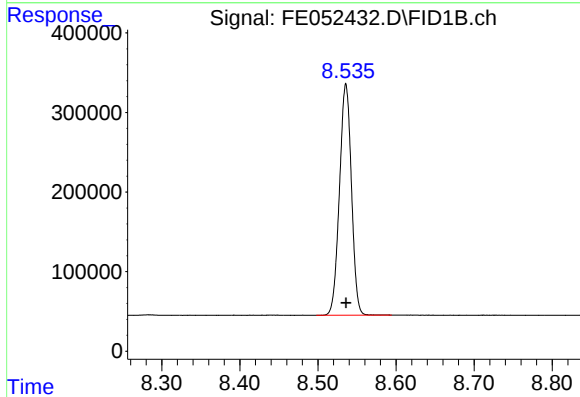
R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 3148576
Conc: 19.95 ug/ml



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

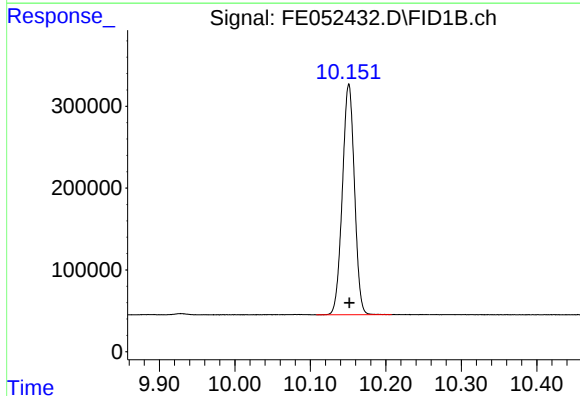
R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 3333879
Conc: 19.85 ug/ml

Instrument :
FID_E
ClientSampleId :



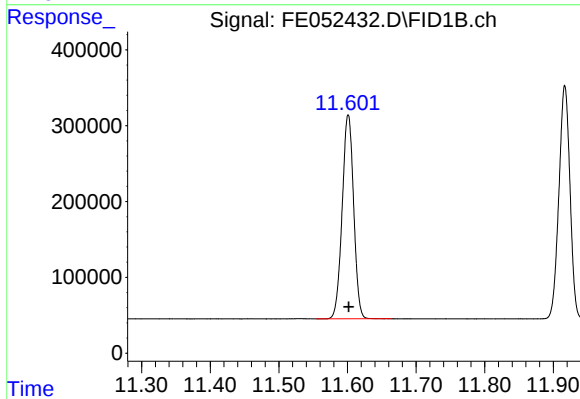
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 3092262
Conc: 19.63 ug/ml



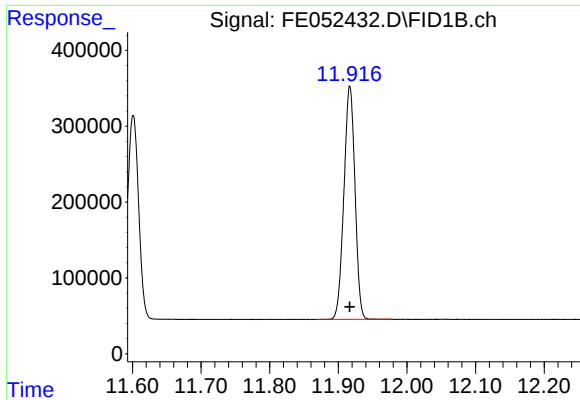
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 3140550
Conc: 19.22 ug/ml



#8 n-Octadecane (C18)

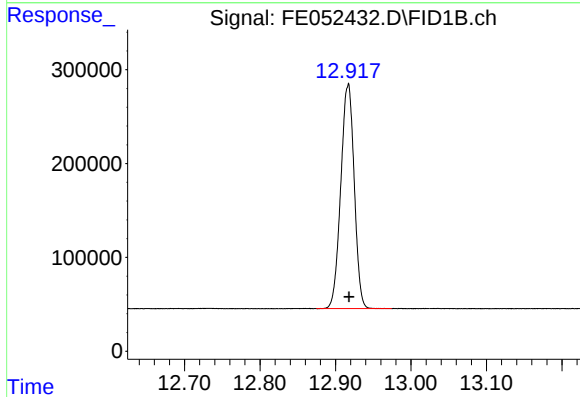
R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 3118914
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

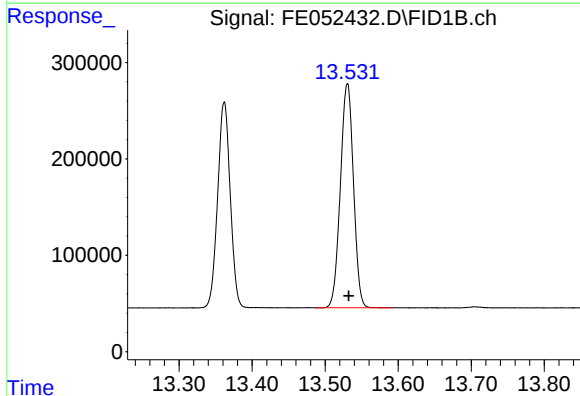
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 3445491
Conc: 18.43 ug/ml

Instrument :
FID_E
ClientSampleId :



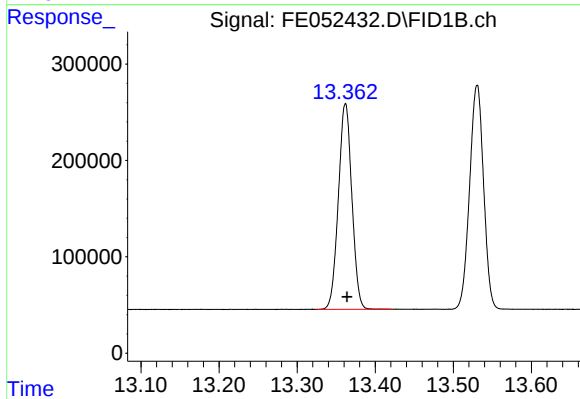
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.001 min
Response: 2961308
Conc: 18.58 ug/ml



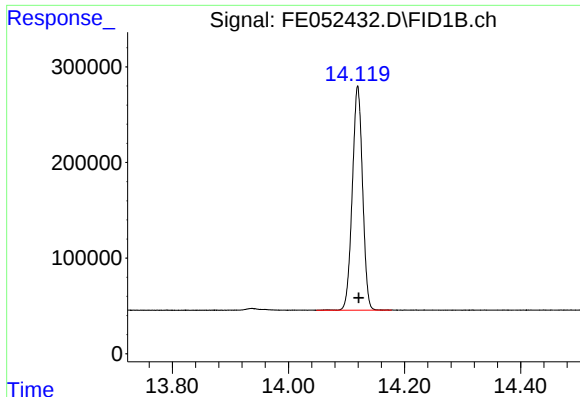
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.002 min
Response: 2897117
Conc: 18.49 ug/ml



#12 1-chlorooctadecane (SURR)

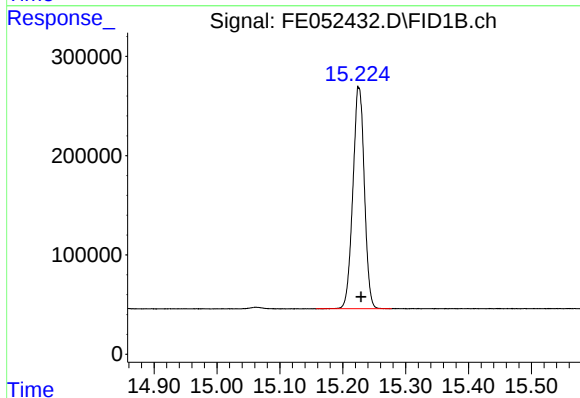
R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 2558672
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

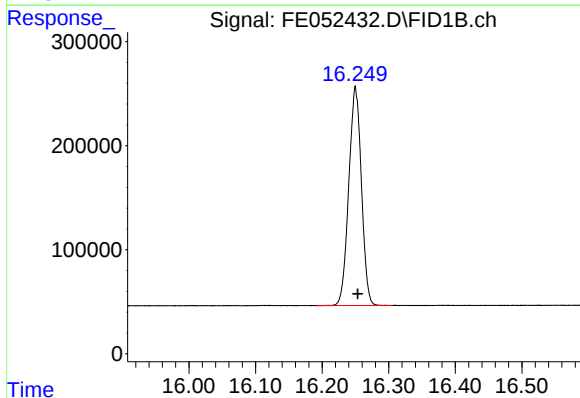
R.T.: 14.119 min
Delta R.T.: -0.002 min
Response: 2872493
Conc: 18.35 ug/ml

Instrument :
FID_E
ClientSampleId :



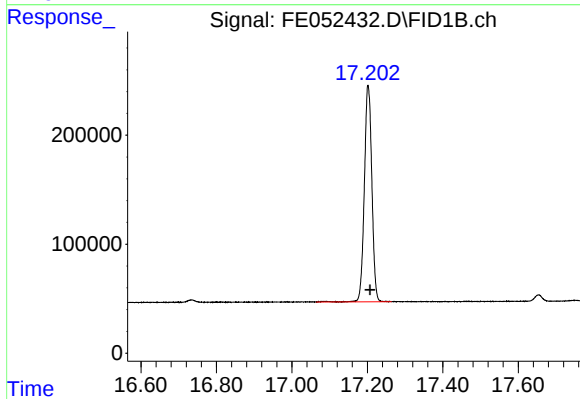
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: -0.003 min
Response: 2833536
Conc: 18.02 ug/ml



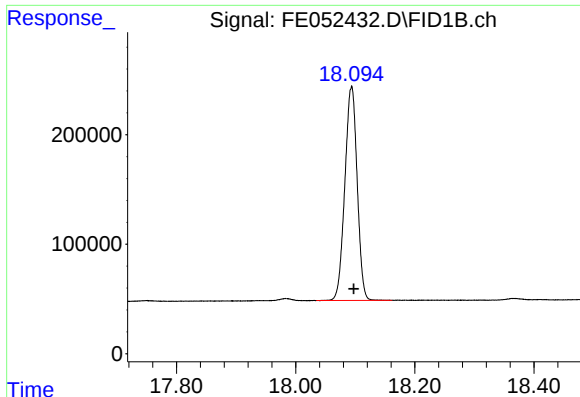
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 2771124
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

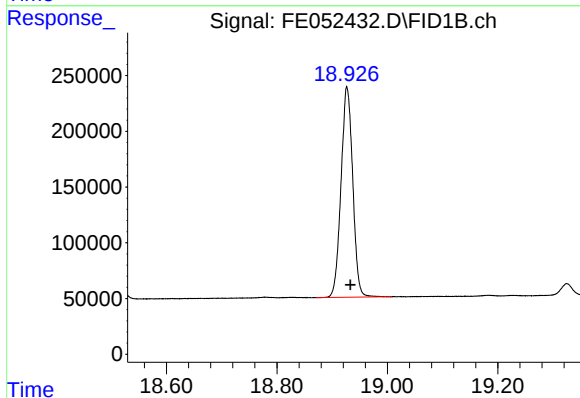
R.T.: 17.202 min
Delta R.T.: -0.005 min
Response: 2737122
Conc: 17.89 ug/ml



#17 n-Tricontane (C30)

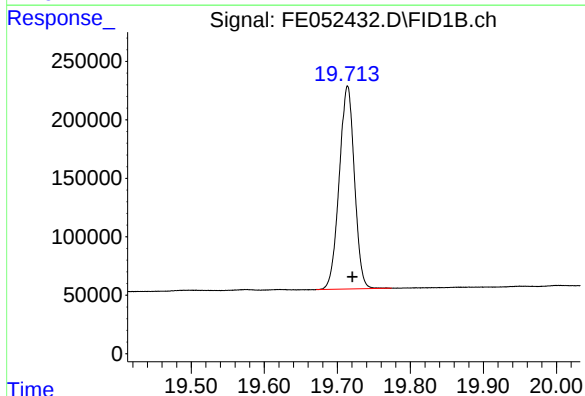
R.T.: 18.094 min
Delta R.T.: -0.004 min
Response: 2805962
Conc: 17.98 ug/ml

Instrument :
FID_E
ClientSampleId :



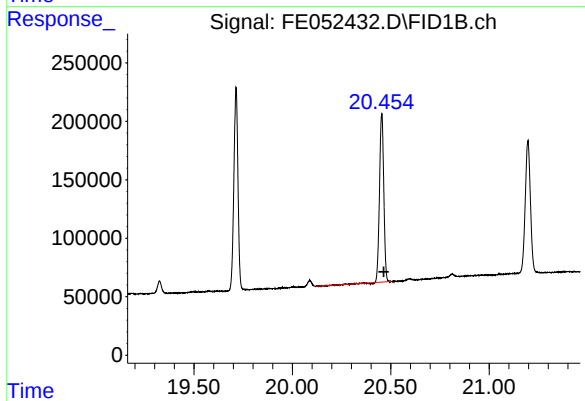
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 2776392
Conc: 18.14 ug/ml



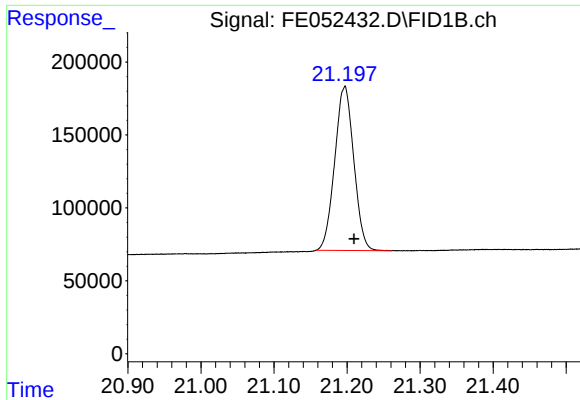
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 2514142
Conc: 17.67 ug/ml



#20 n-Hexatriacontane (C36)

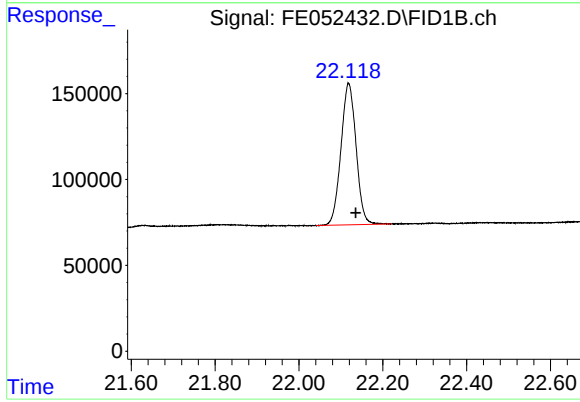
R.T.: 20.454 min
Delta R.T.: -0.010 min
Response: 2177257
Conc: 17.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.013 min
Response: 2037428
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.118 min
Delta R.T.: -0.017 min
Response: 2059446
Conc: 20.47 ug/ml