

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053023AL\
 Data File : FE042294.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2023 22:34
 Operator : YP\AJ
 Sample : 02966-05MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-5MS

Integration File: autoint1.e
 Quant Time: May 31 01:54:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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			
9) S ortho-Terphenyl (SURR)	11.956	4961460	28.098 ug/ml
Spiked Amount 50.000		Recovery =	56.20%
12) S 1-chlorooctadecane (S...	13.391	3949759	29.725 ug/ml
Spiked Amount 50.000		Recovery =	59.45%
Target Compounds			
1) T n-Nonane (C9)	3.343	4939660	34.256 ug/ml
2) T n-Decane (C10)	4.592	5608994	37.889 ug/ml
3) T A~Naphthalene (C11.7)	6.297	6365760	39.015 ug/ml
4) T n-Dodecane (C12)	6.758	6113403	40.768 ug/ml
5) T A~2-methylnaphthalene...	7.394	6265474	39.479 ug/ml
6) T n-Tetradecane (C14)	8.588	6463337	43.144 ug/ml
7) T n-Hexadecane (C16)	10.194	7193709	46.181 ug/ml
8) T n-Octadecane (C18)	11.638	7376841	46.649 ug/ml
10) T n-Eicosane (C20)	12.948	7374952	48.653 ug/ml
11) T n-Heneicosane (C21)	13.560	7041202	47.526 ug/ml
13) T n-Docosane (C22)	14.146	6934336	47.302 ug/ml
14) T n-Tetracosane (C24)	15.240	12973168	89.869 ug/ml
15) T n-Hexacosane (C26)	16.271	6514951	47.040 ug/ml
16) T n-Octacosane (C28)	17.219	6356289	47.476 ug/ml
17) T n-Tricontane (C30)	18.107	6222099	46.093 ug/ml
18) T n-Dotriacontane (C32)	18.938	6065775	45.406 ug/ml
19) T n-Tetratriacontane (C34)	19.722	6032889	45.874 ug/ml
20) T n-Hexatriacontane (C36)	20.462	5803110	44.649 ug/ml
21) T n-Octatriacontane (C38)	21.212	5923244	43.658 ug/ml
22) T n-Tetracontane (C40)	22.143	6116624	43.967 ug/ml

(f)=RT Delta > 1/2 Window

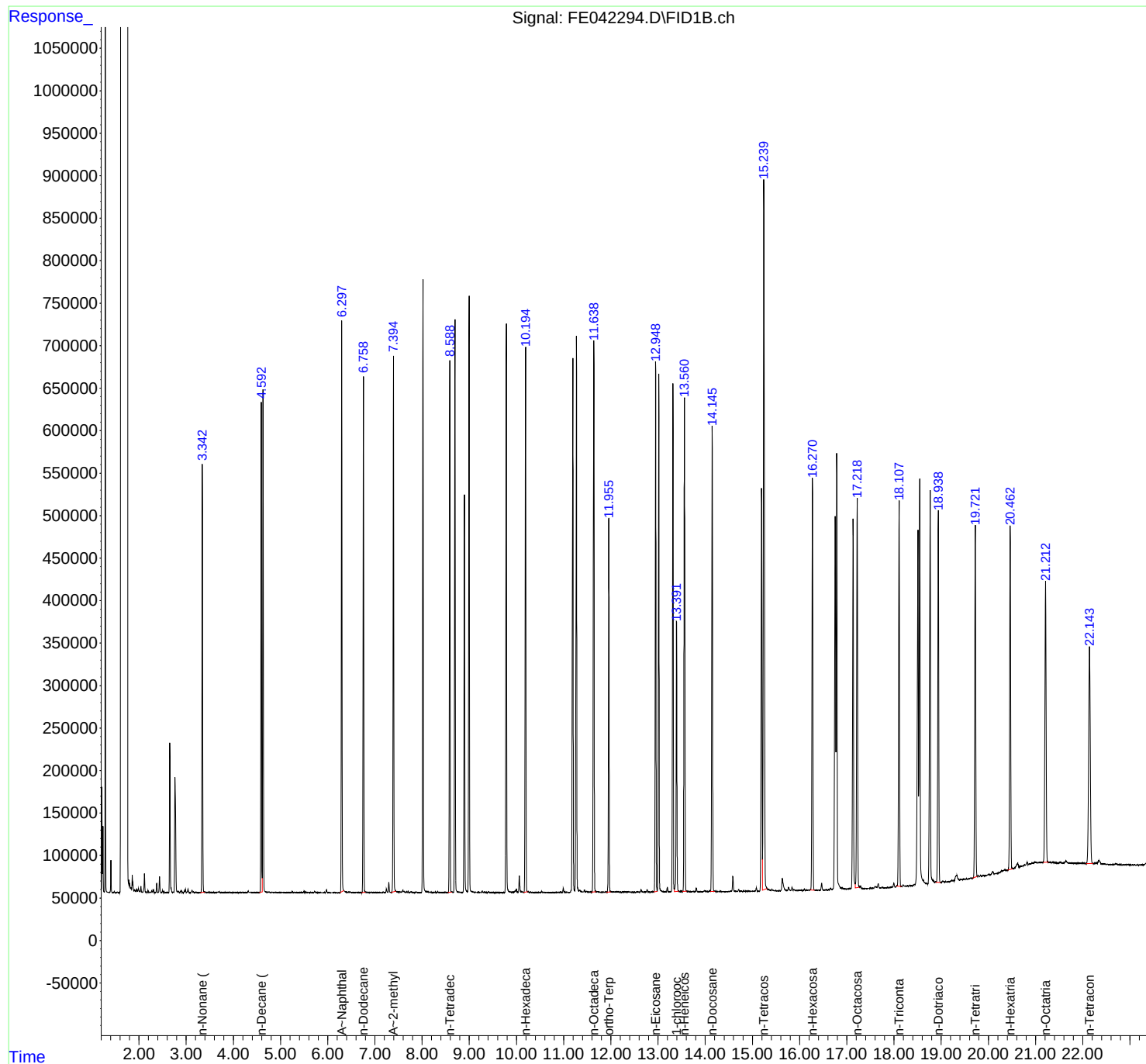
(m)=manual int.

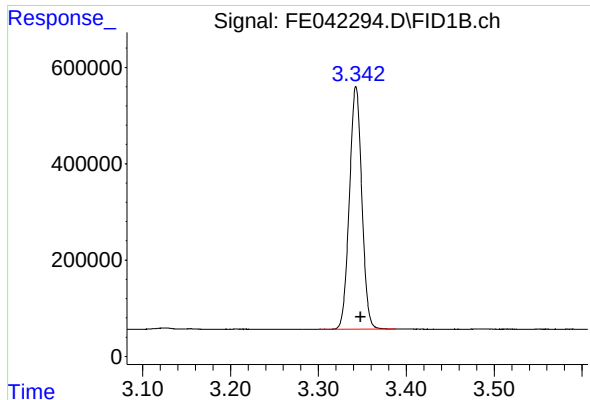
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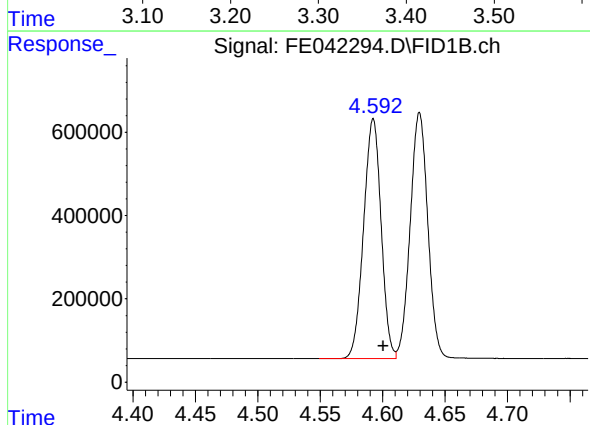




#1 n-Nonane (C9)

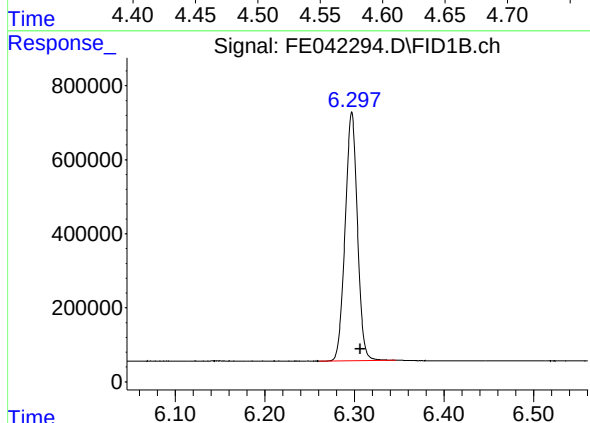
R.T.: 3.343 min
Delta R.T.: -0.005 min
Response: 4939660
Conc: 34.26 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



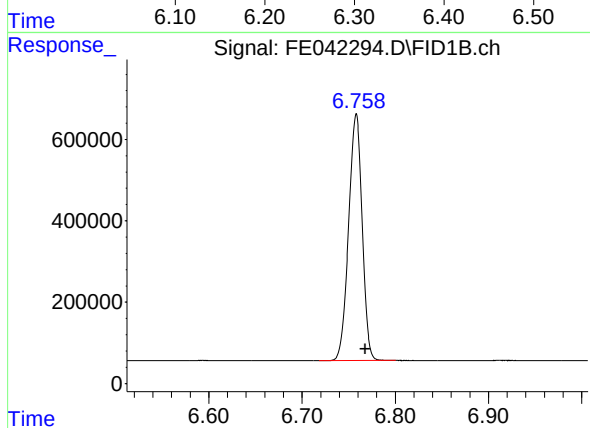
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.008 min
Response: 5608994
Conc: 37.89 ug/ml



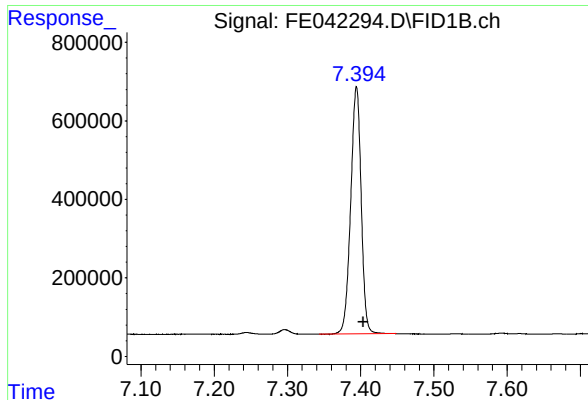
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.010 min
Response: 6365760
Conc: 39.02 ug/ml



#4 n-Dodecane (C12)

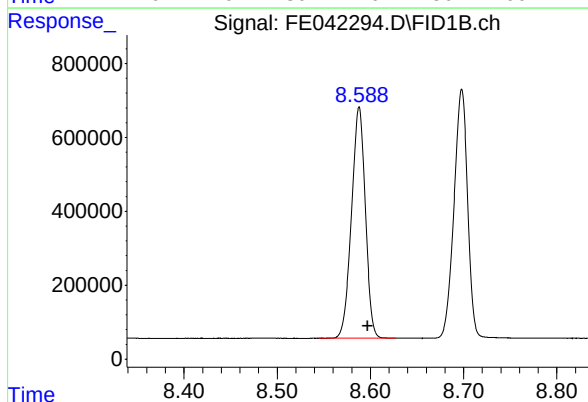
R.T.: 6.758 min
Delta R.T.: -0.010 min
Response: 6113403
Conc: 40.77 ug/ml



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

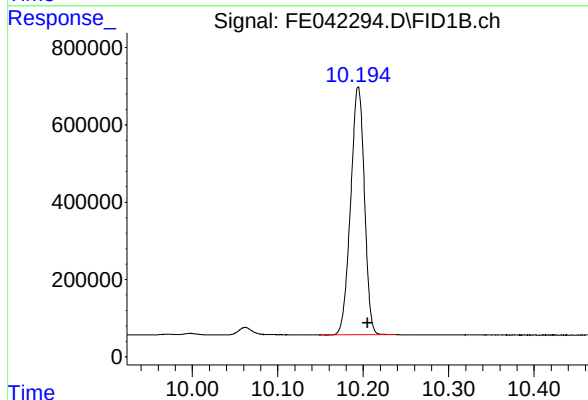
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 6265474
Conc: 39.48 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



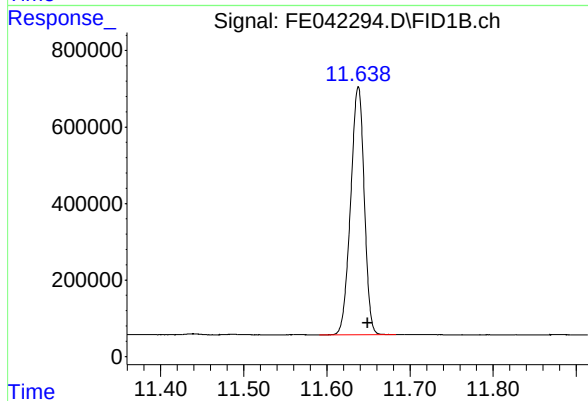
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: -0.009 min
Response: 6463337
Conc: 43.14 ug/ml



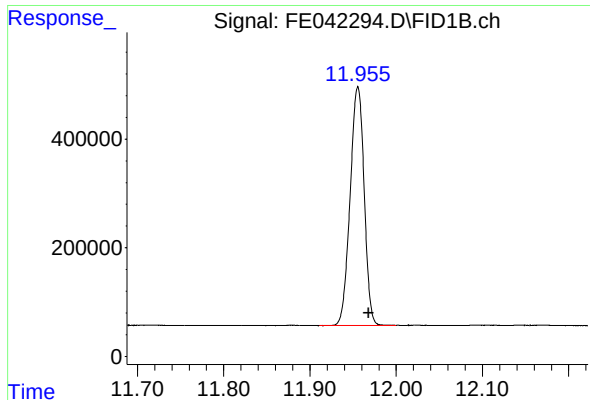
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.011 min
Response: 7193709
Conc: 46.18 ug/ml



#8 n-Octadecane (C18)

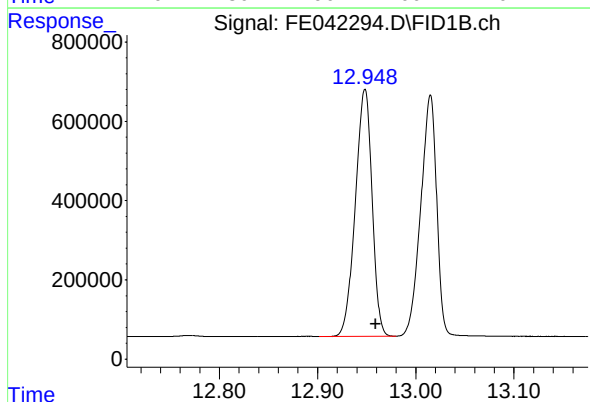
R.T.: 11.638 min
Delta R.T.: -0.011 min
Response: 7376841
Conc: 46.65 ug/ml



#9 ortho-Terphenyl (SURR)

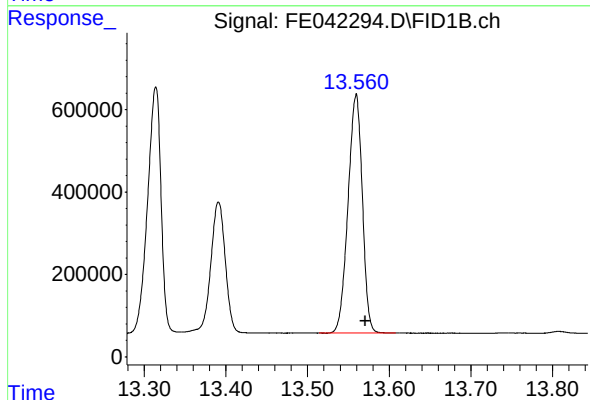
R.T.: 11.956 min
Delta R.T.: -0.012 min
Response: 4961460
Conc: 28.10 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



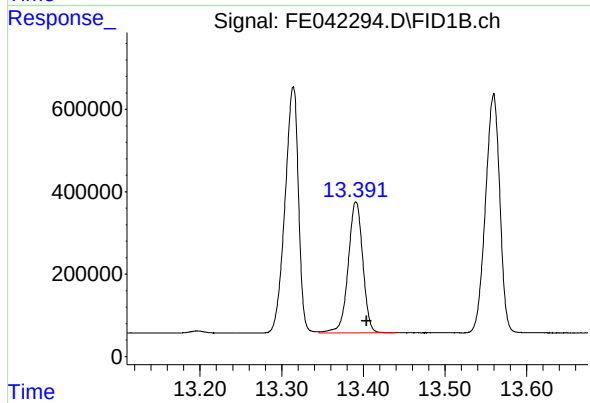
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: -0.011 min
Response: 7374952
Conc: 48.65 ug/ml



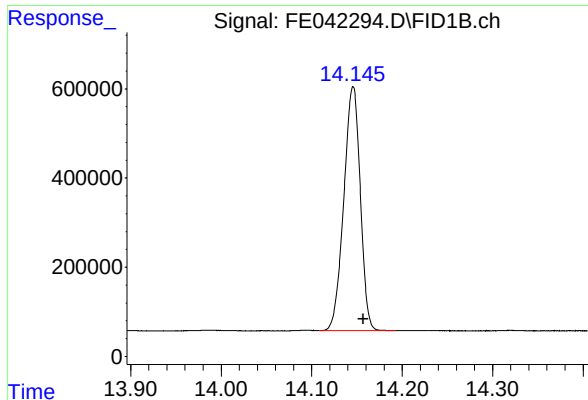
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 7041202
Conc: 47.53 ug/ml



#12 1-chlorooctadecane (SURR)

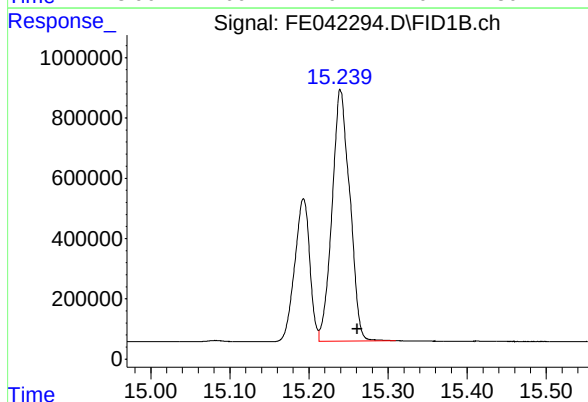
R.T.: 13.391 min
Delta R.T.: -0.013 min
Response: 3949759
Conc: 29.72 ug/ml



#13 n-Docosane (C22)

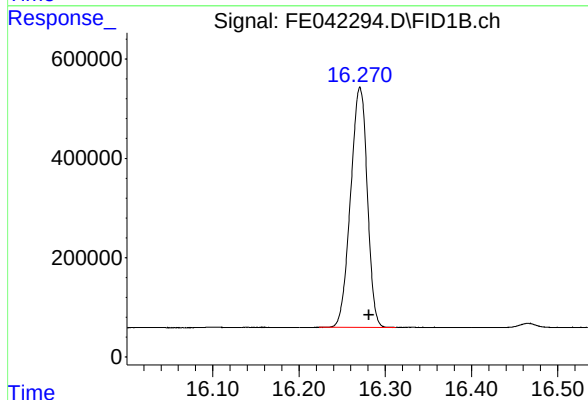
R.T.: 14.146 min
Delta R.T.: -0.011 min
Response: 6934336
Conc: 47.30 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



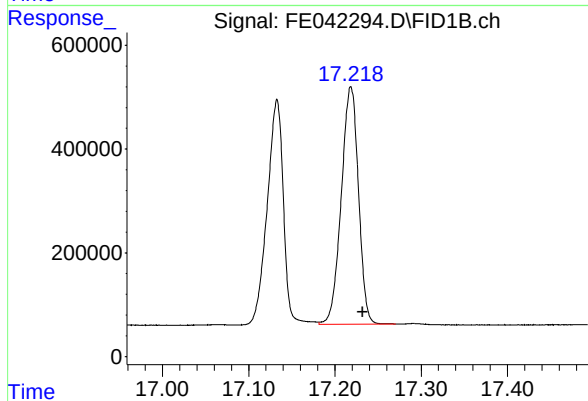
#14 n-Tetracosane (C24)

R.T.: 15.240 min
Delta R.T.: -0.021 min
Response: 12973168
Conc: 89.87 ug/ml



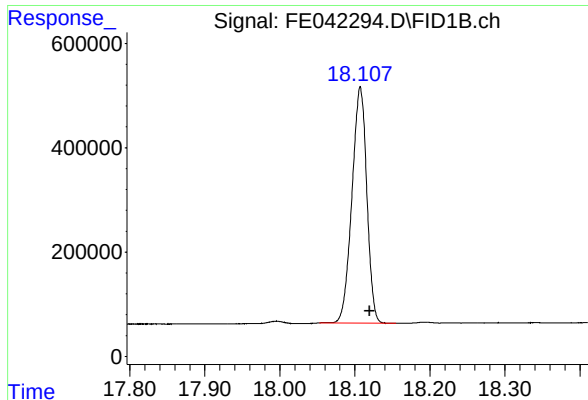
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.010 min
Response: 6514951
Conc: 47.04 ug/ml



#16 n-Octacosane (C28)

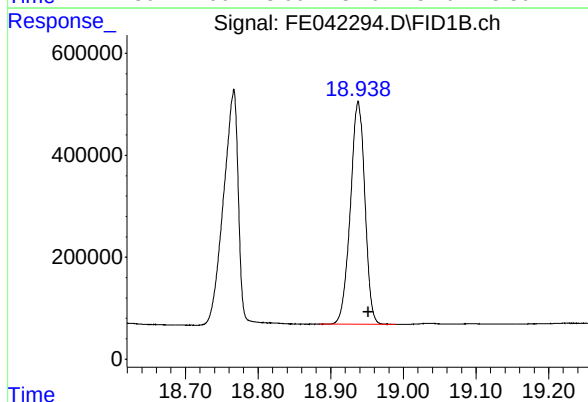
R.T.: 17.219 min
Delta R.T.: -0.014 min
Response: 6356289
Conc: 47.48 ug/ml



#17 n-Tricontane (C30)

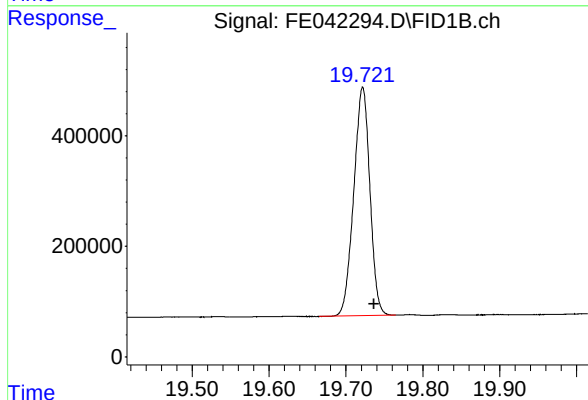
R.T.: 18.107 min
Delta R.T.: -0.013 min
Response: 6222099
Conc: 46.09 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



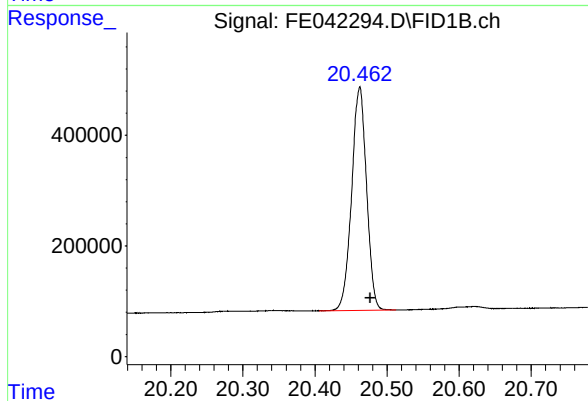
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: -0.014 min
Response: 6065775
Conc: 45.41 ug/ml



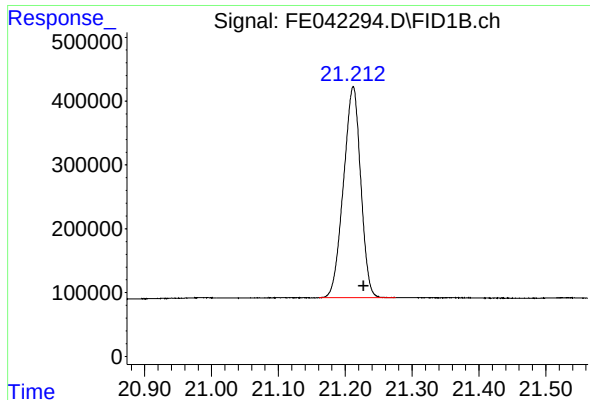
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min
Delta R.T.: -0.015 min
Response: 6032889
Conc: 45.87 ug/ml



#20 n-Hexatriacontane (C36)

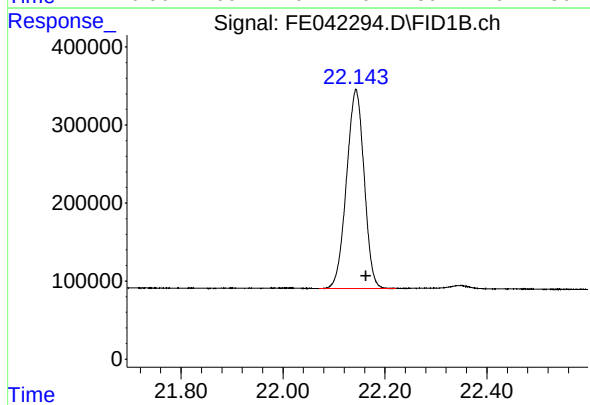
R.T.: 20.462 min
Delta R.T.: -0.015 min
Response: 5803110
Conc: 44.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min
Delta R.T.: -0.015 min
Response: 5923244
Conc: 43.66 ug/ml

Instrument :
FID_E
ClientSampleId :
T-5MS



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.020 min
Response: 6116624
Conc: 43.97 ug/ml