

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031225AL\
 Data File : FE052767.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 16:08
 Operator : YP\AJ
 Sample : Q1542-07MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Integration File: autoint1.e
 Quant Time: Mar 13 03:57:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	5091163	30.199 ug/ml
Spiked Amount 50.000		Recovery =	60.40%
12) S 1-chlorooctadecane (S...	13.355	3959468	32.608 ug/ml
Spiked Amount 50.000		Recovery =	65.22%
Target Compounds			
1) T n-Nonane (C9)	3.269	6602093	42.580 ug/ml
2) T n-Decane (C10)	4.521	6754648	42.997 ug/ml
3) T A~Naphthalene (C11.7)	6.228	7240544	42.694 ug/ml
4) T n-Dodecane (C12)	6.694	6686549	42.945 ug/ml
5) T A~2-methylnaphthalene...	7.328	6514614	40.199 ug/ml
6) T n-Tetradecane (C14)	8.531	6569796	43.420 ug/ml
7) T n-Hexadecane (C16)	10.145	6362729	41.617 ug/ml
8) T n-Octadecane (C18)	11.594	6278337	41.267 ug/ml
10) T n-Eicosane (C20)	12.910	6347342	43.722 ug/ml
11) T n-Heneicosane (C21)	13.524	6069153	42.642 ug/ml
13) T n-Docosane (C22)	14.113	6080172	42.725 ug/ml
14) T n-Tetracosane (C24)	15.208	12760531	89.167 ug/ml
15) T n-Hexacosane (C26)	16.247	6263808	44.051 ug/ml
16) T n-Octacosane (C28)	17.199	6332388	44.533 ug/ml
17) T n-Tricontane (C30)	18.091	6229368	42.176 ug/ml
18) T n-Dotriacontane (C32)	18.923	6218547	42.834 ug/ml
19) T n-Tetratriacontane (C34)	19.710	6314078	46.848 ug/ml
20) T n-Hexatriacontane (C36)	20.452	5928545	49.894 ug/ml
21) T n-Octatriacontane (C38)	21.195	6118868	55.157 ug/ml
22) T n-Tetracontane (C40)	22.119	6901903	63.838 ug/ml

(f)=RT Delta > 1/2 Window

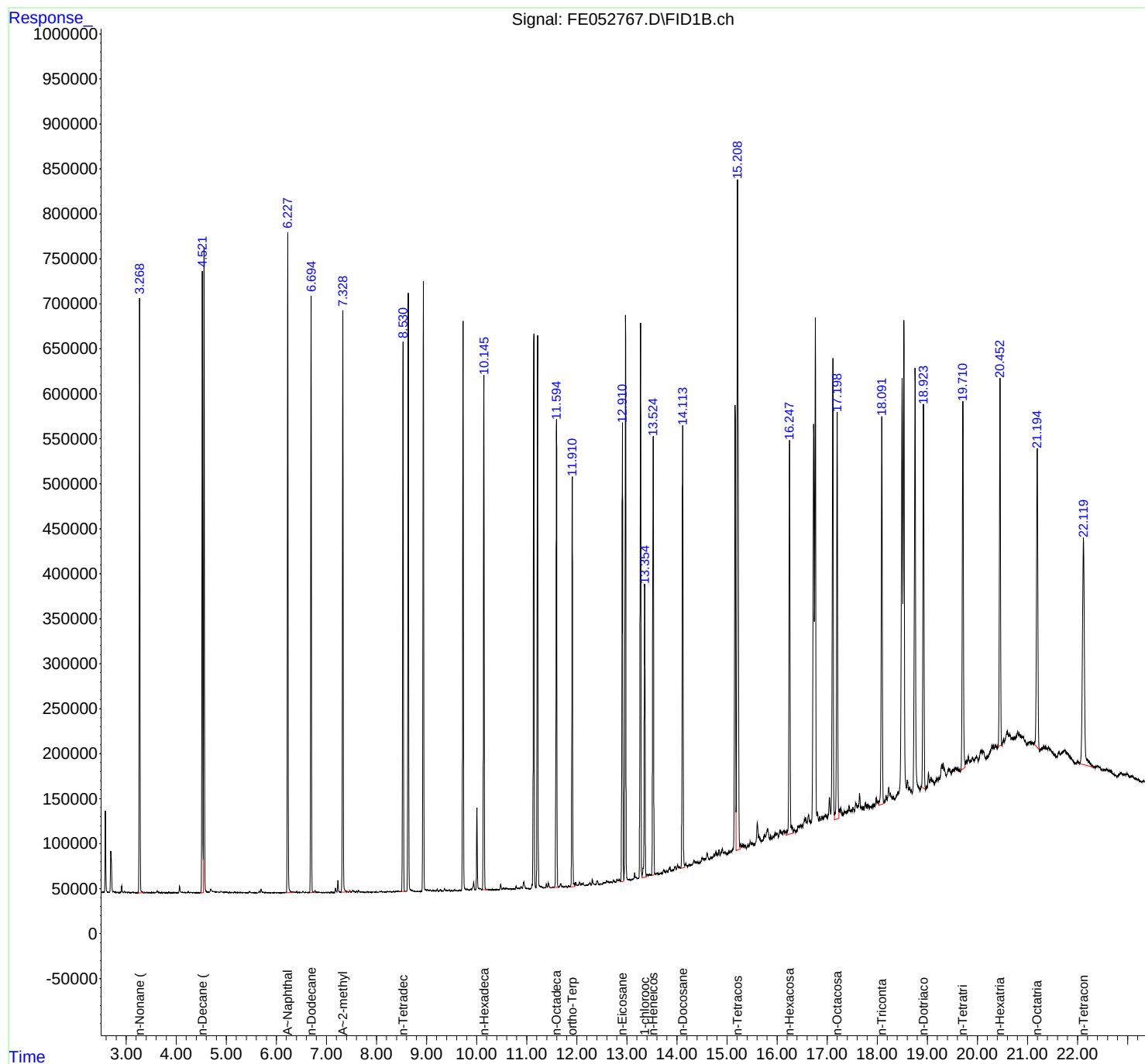
(m)=manual int.

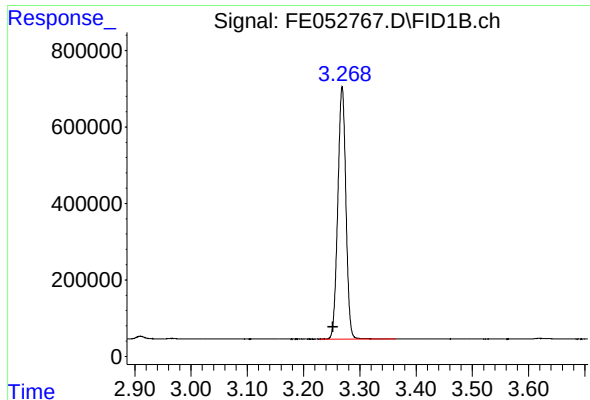
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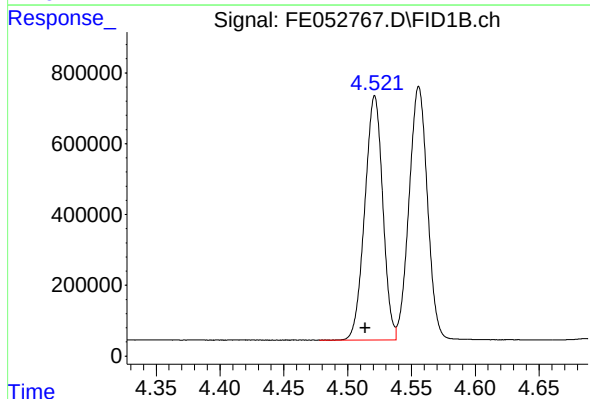




#1 n-Nonane (C9)

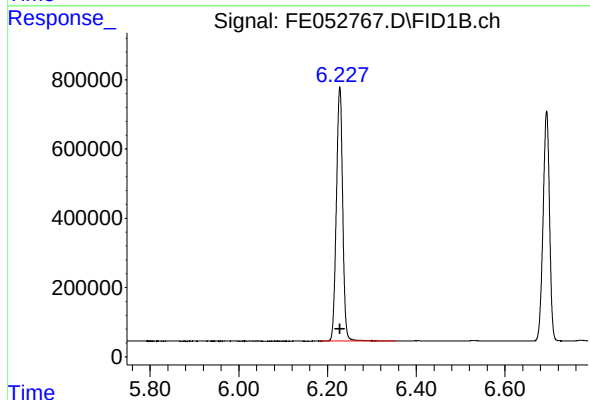
R.T.: 3.269 min
Delta R.T.: 0.017 min
Response: 6602093
Conc: 42.58 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



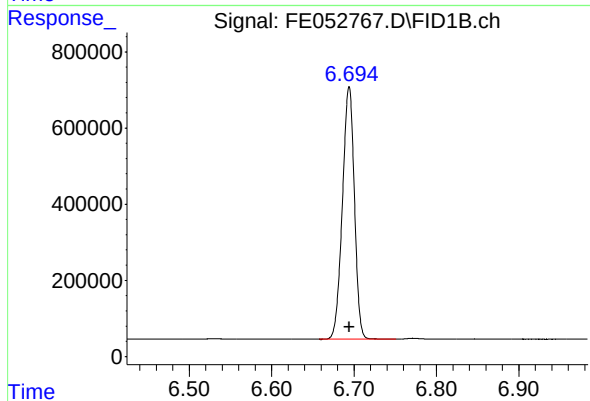
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 6754648
Conc: 43.00 ug/ml



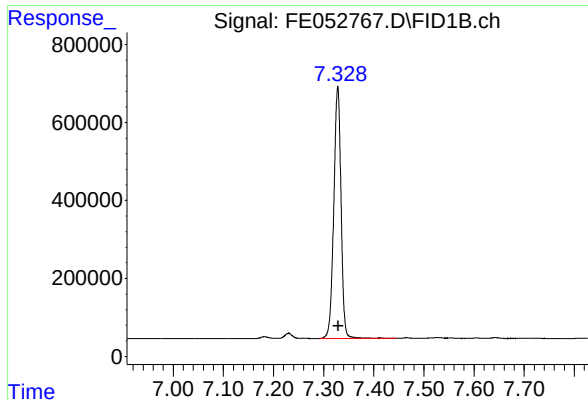
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 7240544
Conc: 42.69 ug/ml



#4 n-Dodecane (C12)

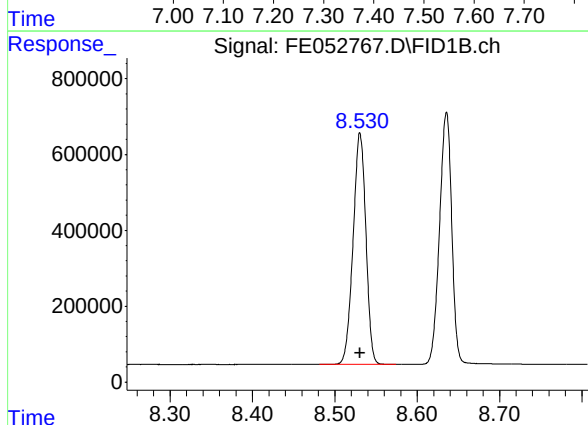
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 6686549
Conc: 42.95 ug/ml



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

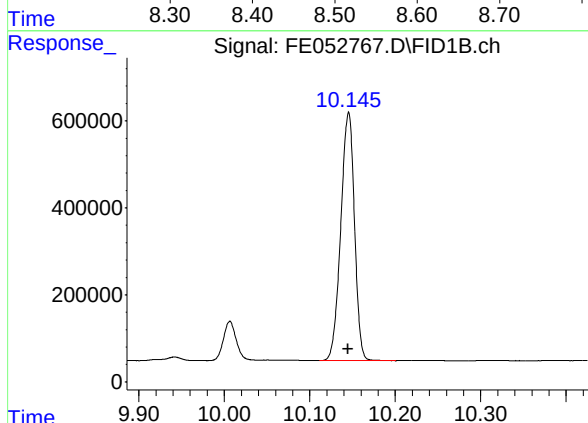
R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 6514614
Conc: 40.20 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



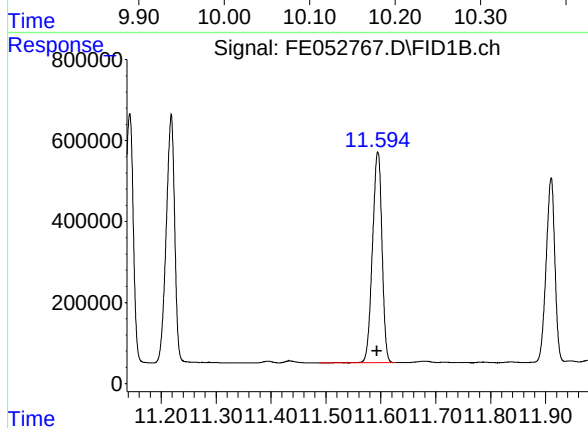
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 6569796
Conc: 43.42 ug/ml



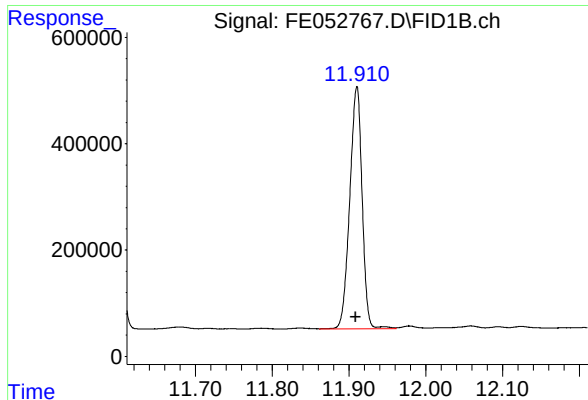
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 6362729
Conc: 41.62 ug/ml



#8 n-Octadecane (C18)

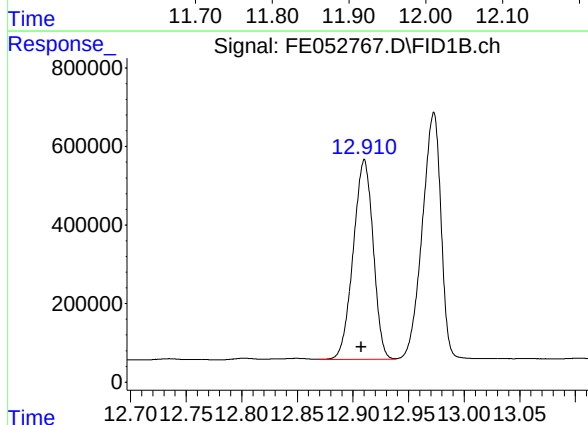
R.T.: 11.594 min
Delta R.T.: 0.001 min
Response: 6278337
Conc: 41.27 ug/ml



#9 ortho-Terphenyl (SURR)

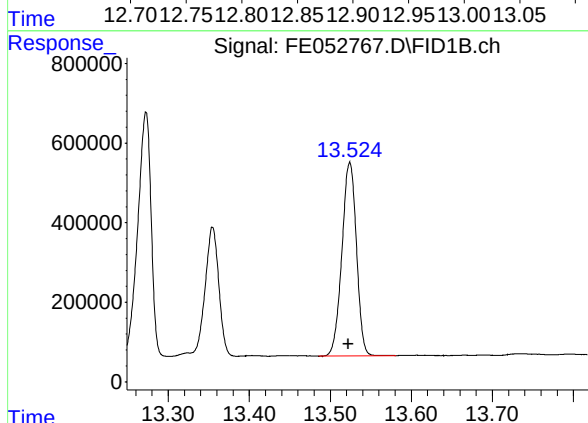
R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 5091163
Conc: 30.20 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



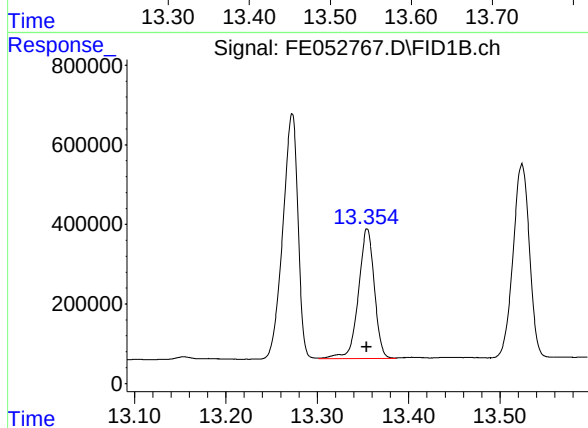
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.003 min
Response: 6347342
Conc: 43.72 ug/ml



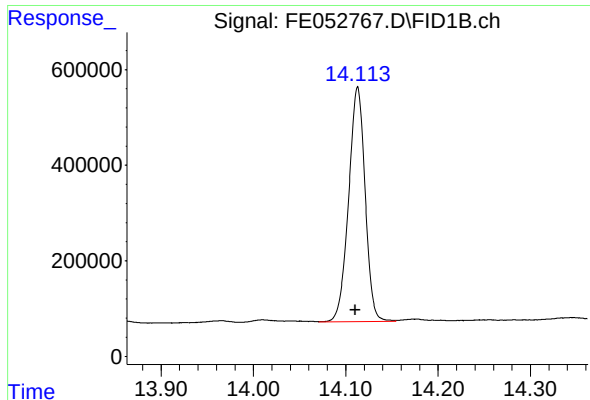
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 6069153
Conc: 42.64 ug/ml



#12 1-chlorooctadecane (SURR)

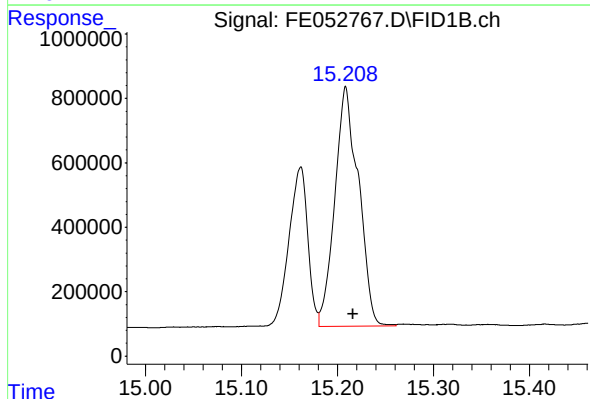
R.T.: 13.355 min
Delta R.T.: 0.000 min
Response: 3959468
Conc: 32.61 ug/ml



#13 n-Docosane (C22)

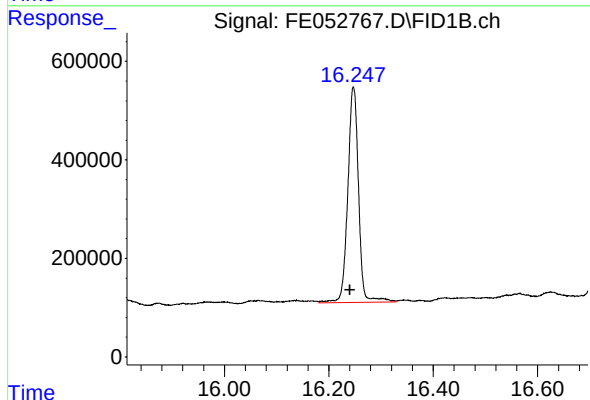
R.T.: 14.113 min
Delta R.T.: 0.003 min
Response: 6080172
Conc: 42.73 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



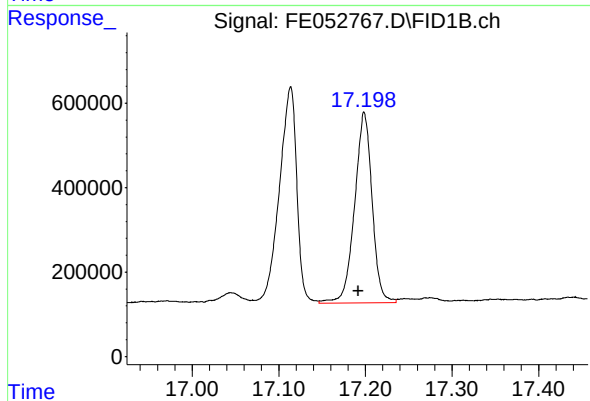
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.008 min
Response: 12760531
Conc: 89.17 ug/ml



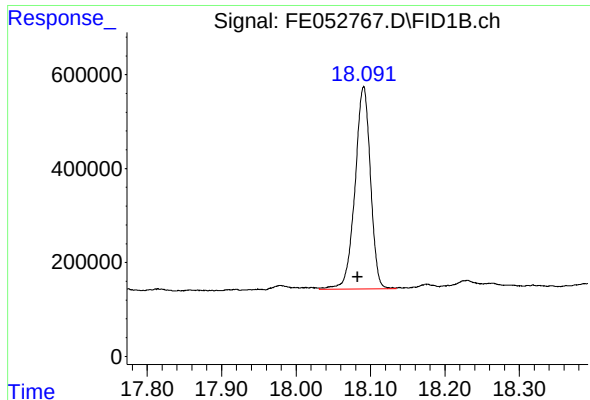
#15 n-Hexacosane (C26)

R.T.: 16.247 min
Delta R.T.: 0.007 min
Response: 6263808
Conc: 44.05 ug/ml



#16 n-Octacosane (C28)

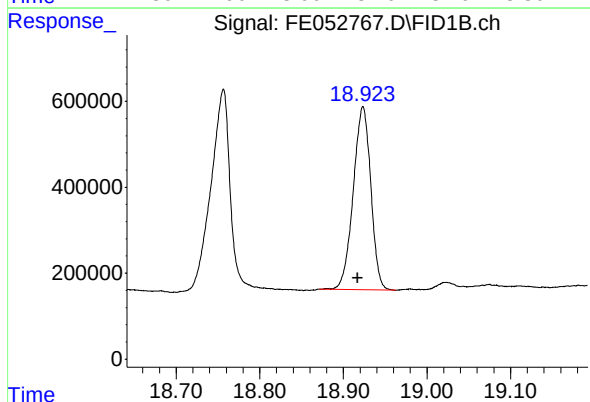
R.T.: 17.199 min
Delta R.T.: 0.007 min
Response: 6332388
Conc: 44.53 ug/ml



#17 n-Tricontane (C30)

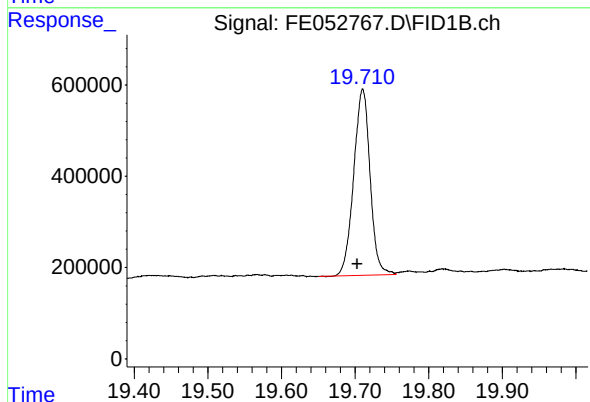
R.T.: 18.091 min
Delta R.T.: 0.008 min
Response: 6229368
Conc: 42.18 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



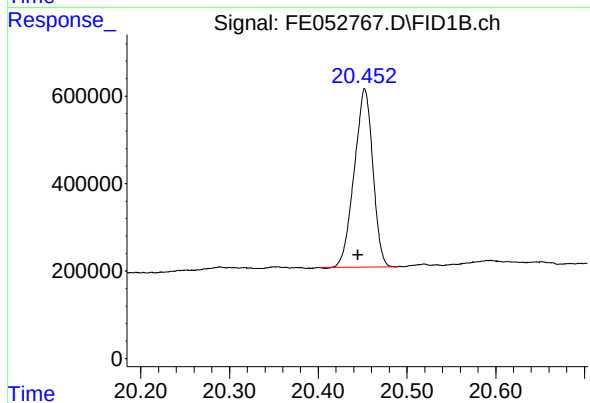
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: 0.006 min
Response: 6218547
Conc: 42.83 ug/ml



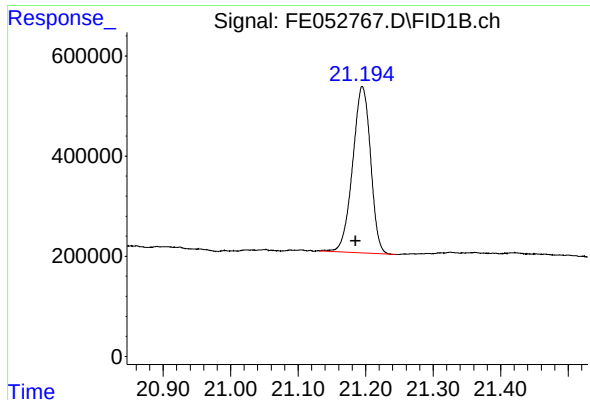
#19 n-Tetatriacontane (C34)

R.T.: 19.710 min
Delta R.T.: 0.008 min
Response: 6314078
Conc: 46.85 ug/ml



#20 n-Hexatriacontane (C36)

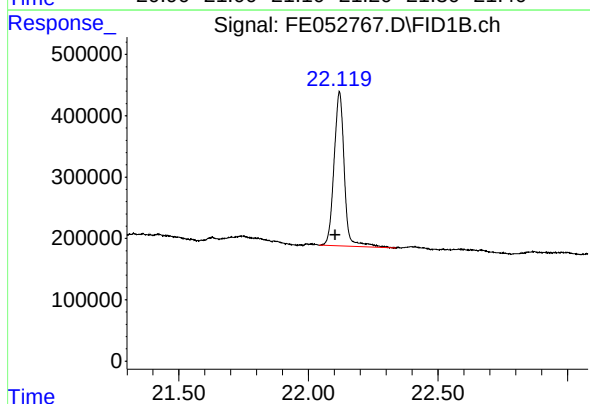
R.T.: 20.452 min
Delta R.T.: 0.008 min
Response: 5928545
Conc: 49.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.195 min
Delta R.T.: 0.010 min
Response: 6118868
Conc: 55.16 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS



#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.015 min
Response: 6901903
Conc: 63.84 ug/ml