

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052961.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 17:25
 Operator : YP\AJ
 Sample : Q1634-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 26 03:25:52 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)	11.908	6664760	39.533 ug/ml
Spiked Amount 50.000		Recovery =	79.07%
12) S 1-chlorooctadecane (S...	13.353	3576632	29.455 ug/ml
Spiked Amount 50.000		Recovery =	58.91%
Target Compounds			
1) T n-Nonane (C9)	3.249	3718449	23.982 ug/ml
2) T n-Decane (C10)	4.511	4696275	29.894 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5800388	34.202 ug/ml
4) T n-Dodecane (C12)	6.692	8241545	52.932 ug/ml
5) T A~2-methylnaphthalene...	7.328	6915475	42.673 ug/ml
6) T n-Tetradecane (C14)	8.532	11334893	74.912 ug/ml
7) T n-Hexadecane (C16)	10.147	12100250	79.145 ug/ml
8) T n-Octadecane (C18)	11.595	10804898	71.019 ug/ml
10) T n-Eicosane (C20)	12.910	8223051	56.643 ug/ml
11) T n-Heneicosane (C21)	13.522	6913686	48.575 ug/ml
13) T n-Docosane (C22)	14.111	5924455	41.631 ug/ml
14) T n-Tetracosane (C24)	15.207	9338098	65.252 ug/ml
15) T n-Hexacosane (C26)	16.243	4852590	34.127 ug/ml
16) T n-Octacosane (C28)	17.195	4853668	34.134 ug/ml
17) T n-Tricontane (C30)	18.088	5053903	34.217 ug/ml
18) T n-Dotriacontane (C32)	18.924	4844204	33.367 ug/ml
19) T n-Tetratriacontane (C34)	19.712	4959013	36.794 ug/ml
20) T n-Hexatriacontane (C36)	20.457	4765215	40.103 ug/ml
21) T n-Octatriacontane (C38)	21.202	4835333	43.587 ug/ml
22) T n-Tetracontane (C40)	22.131	5745231	53.140 ug/ml

(f)=RT Delta > 1/2 Window

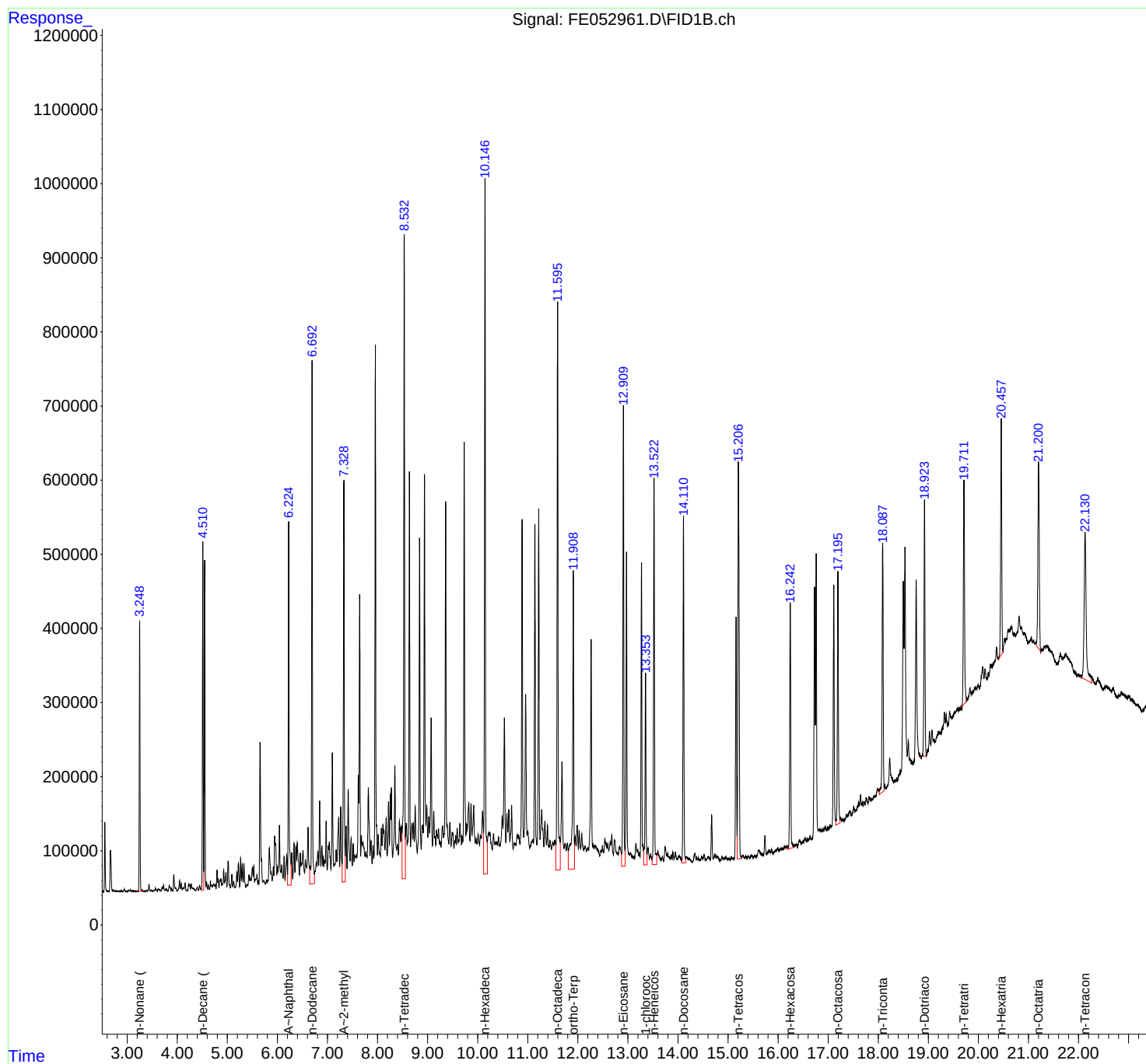
(m)=manual int.

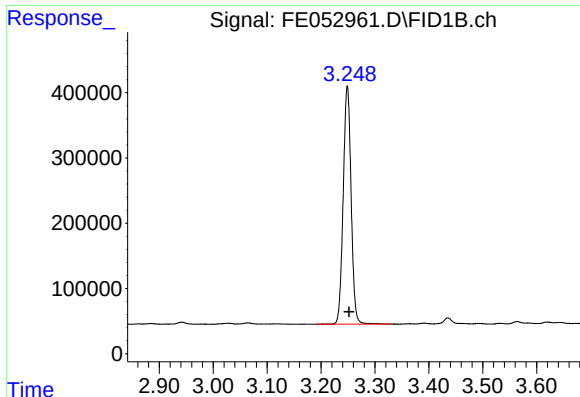
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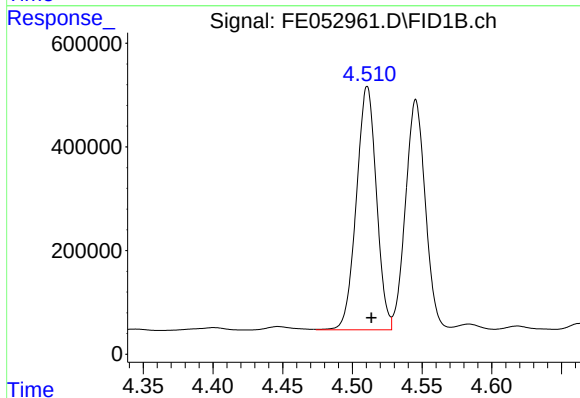




#1 n-Nonane (C9)

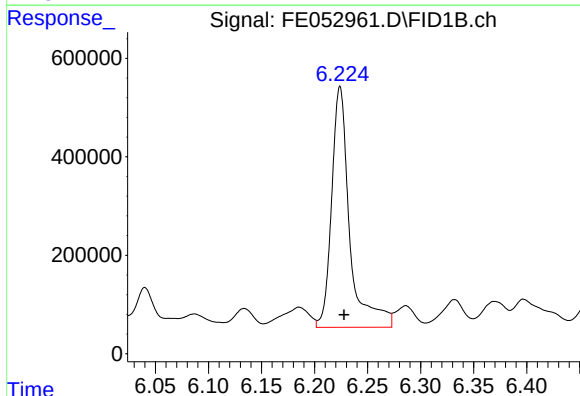
R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 3718449
Conc: 23.98 ug/ml

Instrument :
FID_E
ClientSampleId :



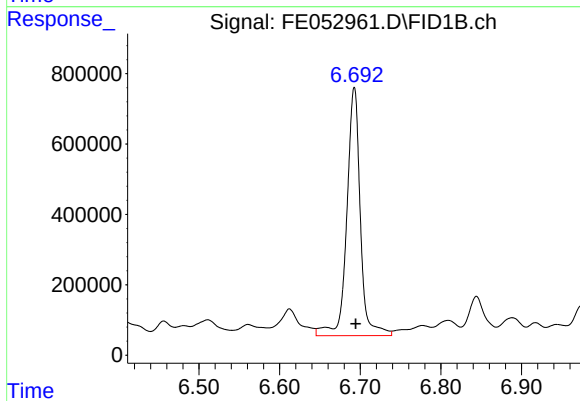
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 4696275
Conc: 29.89 ug/ml



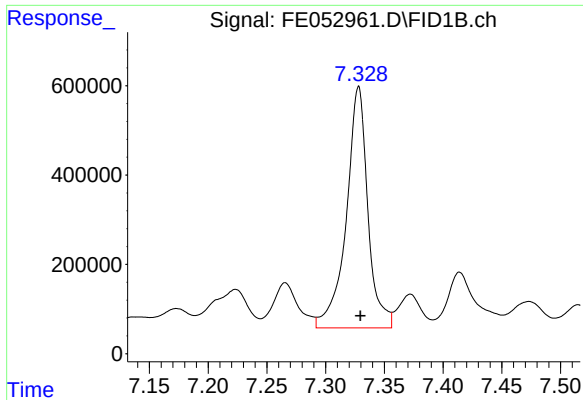
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 5800388
Conc: 34.20 ug/ml



#4 n-Dodecane (C12)

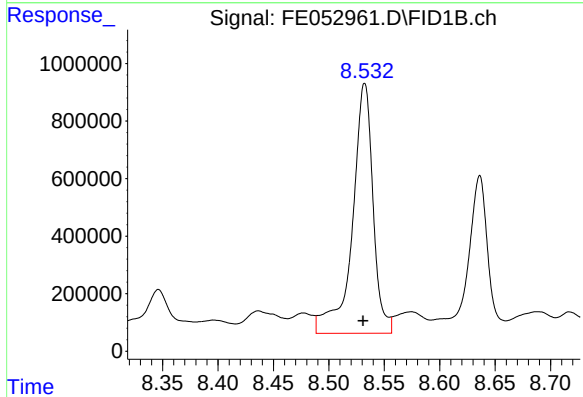
R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 8241545
Conc: 52.93 ug/ml



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

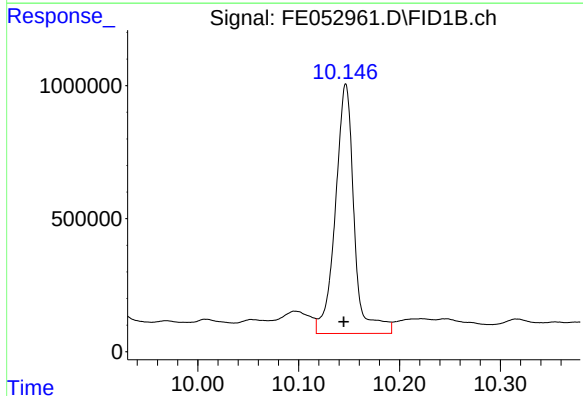
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 6915475
Conc: 42.67 ug/ml

Instrument :
FID_E
ClientSampleId :



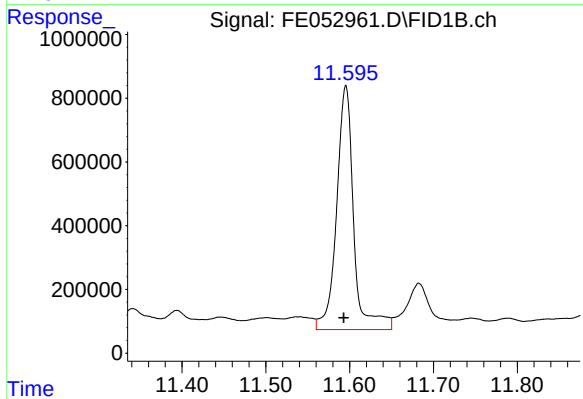
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: 0.001 min
Response: 11334893
Conc: 74.91 ug/ml



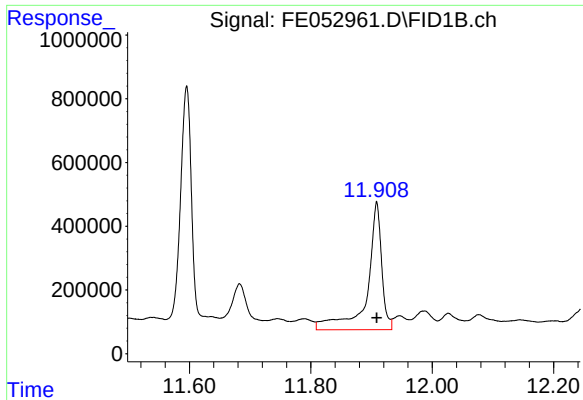
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 12100250
Conc: 79.14 ug/ml



#8 n-Octadecane (C18)

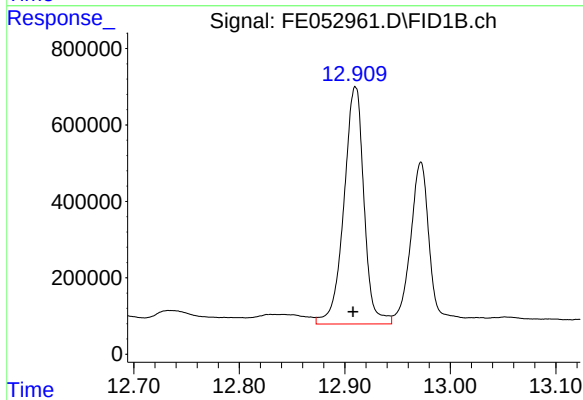
R.T.: 11.595 min
Delta R.T.: 0.002 min
Response: 10804898
Conc: 71.02 ug/ml



#9 ortho-Terphenyl (SURR)

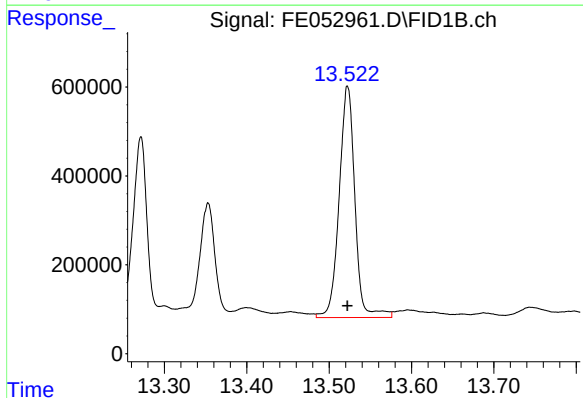
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 6664760
Conc: 39.53 ug/ml

Instrument :
FID_E
ClientSampleId :



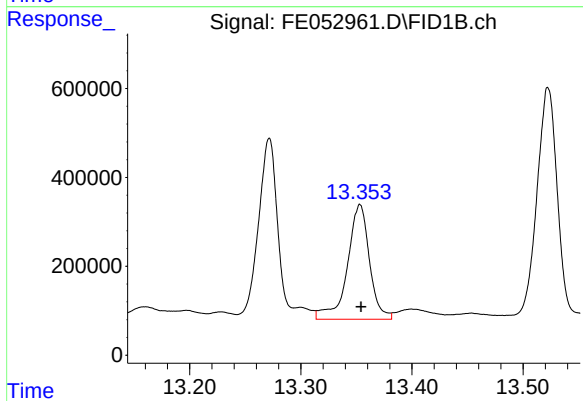
#10 n-Eicosane (C20)

R.T.: 12.910 min
Delta R.T.: 0.002 min
Response: 8223051
Conc: 56.64 ug/ml



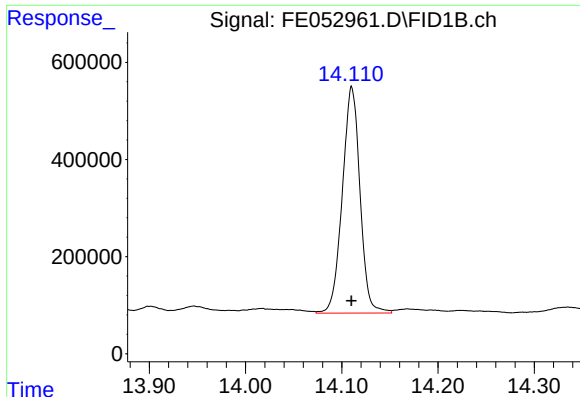
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 6913686
Conc: 48.58 ug/ml



#12 1-chlorooctadecane (SURR)

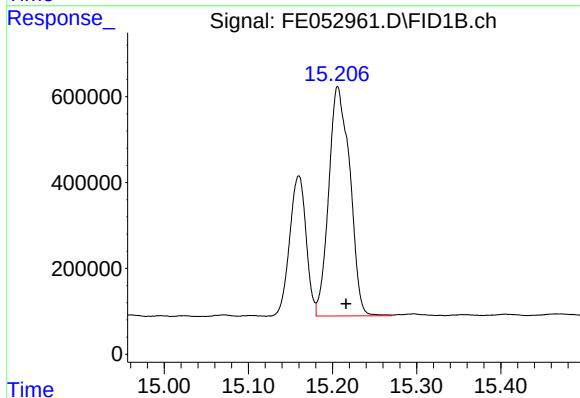
R.T.: 13.353 min
Delta R.T.: -0.001 min
Response: 3576632
Conc: 29.46 ug/ml



#13 n-Docosane (C22)

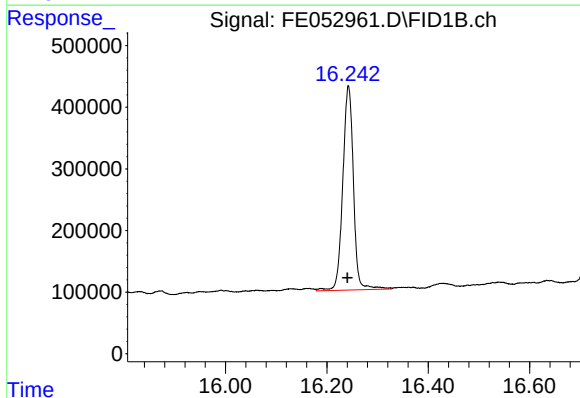
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 5924455
Conc: 41.63 ug/ml

Instrument :
FID_E
ClientSampleId :



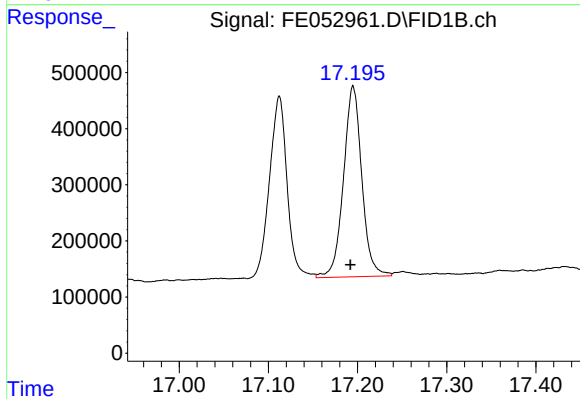
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.009 min
Response: 9338098
Conc: 65.25 ug/ml



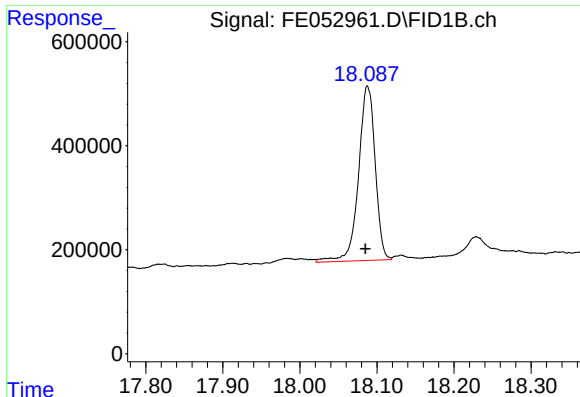
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 4852590
Conc: 34.13 ug/ml



#16 n-Octacosane (C28)

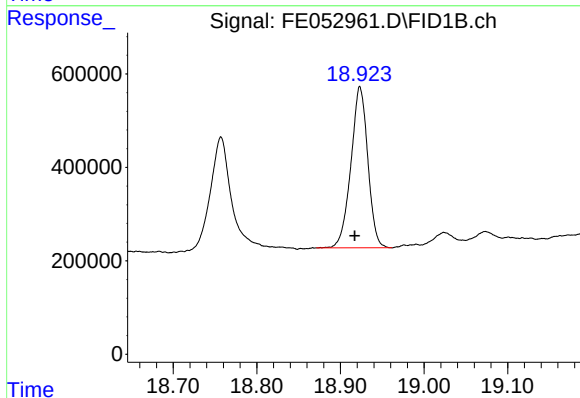
R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 4853668
Conc: 34.13 ug/ml



#17 n-Tricontane (C30)

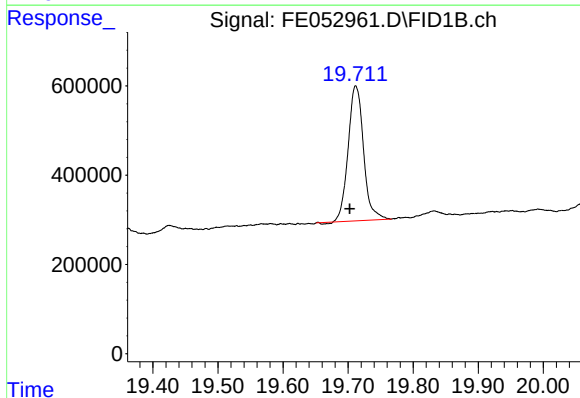
R.T.: 18.088 min
Delta R.T.: 0.003 min
Response: 5053903
Conc: 34.22 ug/ml

Instrument :
FID_E
ClientSampleId :



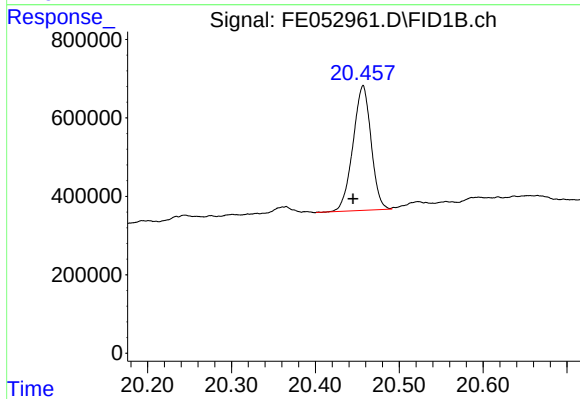
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: 0.007 min
Response: 4844204
Conc: 33.37 ug/ml



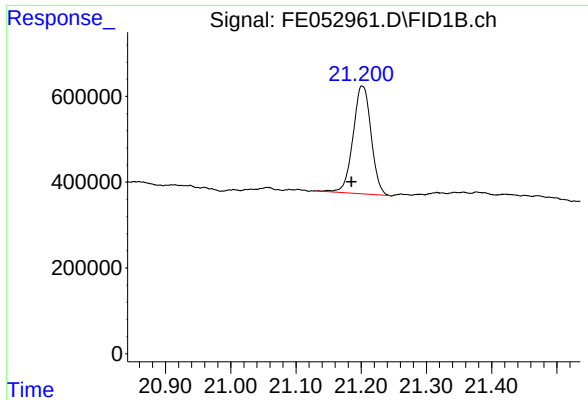
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: 0.009 min
Response: 4959013
Conc: 36.79 ug/ml



#20 n-Hexatriacontane (C36)

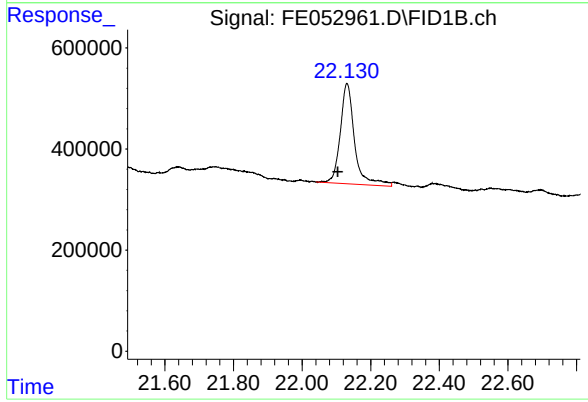
R.T.: 20.457 min
Delta R.T.: 0.012 min
Response: 4765215
Conc: 40.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.202 min
Delta R.T.: 0.017 min
Response: 4835333
Conc: 43.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.027 min
Response: 5745231
Conc: 53.14 ug/ml