

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052229.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 20:08
 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 05 00:53:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.291	2424696	19.590 ug/ml
Spiked Amount 50.000		Recovery =	39.18%
12) S 1-chlorooctadecane (S...	13.705	1893427	19.185 ug/ml
Spiked Amount 50.000		Recovery =	38.37%
Target Compounds			
1) T n-Nonane (C9)	3.748	1865754	19.975 ug/ml
2) T n-Decane (C10)	4.978	1933137	20.130 ug/ml
3) T A~Naphthalene (C11.7)	6.682	2176571	20.366 ug/ml
4) T n-Dodecane (C12)	7.111	2002675	20.205 ug/ml
5) T A~2-methylnaphthalene...	7.765	2142200	20.454 ug/ml
6) T n-Tetradecane (C14)	8.922	2036205	20.178 ug/ml
7) T n-Hexadecane (C16)	10.518	2158781	19.894 ug/ml
8) T n-Octadecane (C18)	11.954	2221277	19.553 ug/ml
10) T n-Eicosane (C20)	13.258	2173903	19.263 ug/ml
11) T n-Heneicosane (C21)	13.868	2158716	19.169 ug/ml
13) T n-Docosane (C22)	14.451	2151579	19.009 ug/ml
14) T n-Tetracosane (C24)	15.550	2145510	18.660 ug/ml
15) T n-Hexacosane (C26)	16.567	2103055	18.338 ug/ml
16) T n-Octacosane (C28)	17.514	2044508	18.070 ug/ml
17) T n-Tricontane (C30)	18.399	2045237	17.949 ug/ml
18) T n-Dotriacontane (C32)	19.229	2005493	18.395 ug/ml
19) T n-Tetratriacontane (C34)	20.008	1750364	18.450 ug/ml
20) T n-Hexatriacontane (C36)	20.746	1625104	19.668 ug/ml
21) T n-Octatriacontane (C38)	21.558	1444644	19.446 ug/ml
22) T n-Tetracontane (C40)	22.596	1653301	22.176 ug/ml

(f)=RT Delta > 1/2 Window

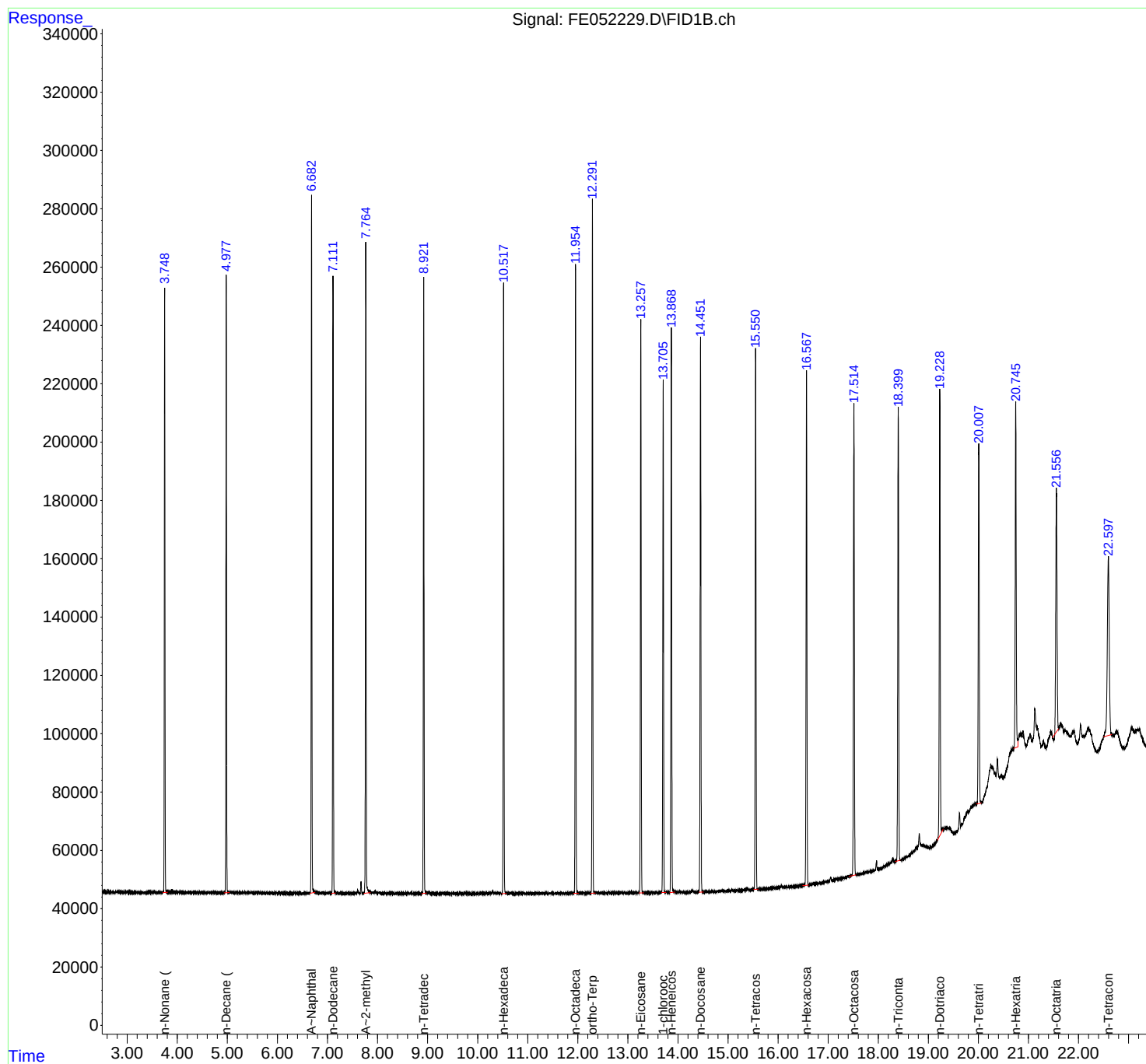
(m)=manual int.

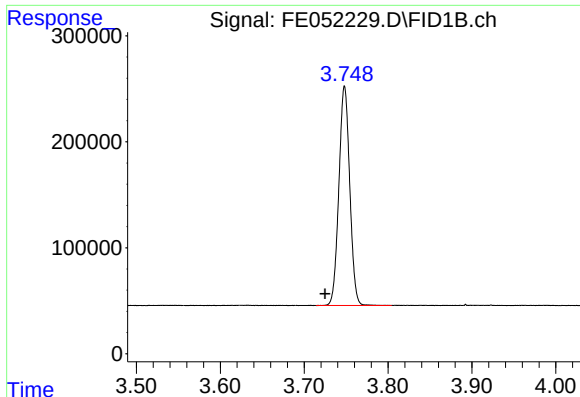
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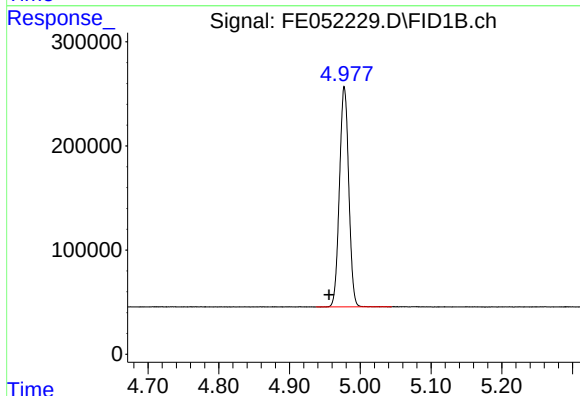




#1 n-Nonane (C9)

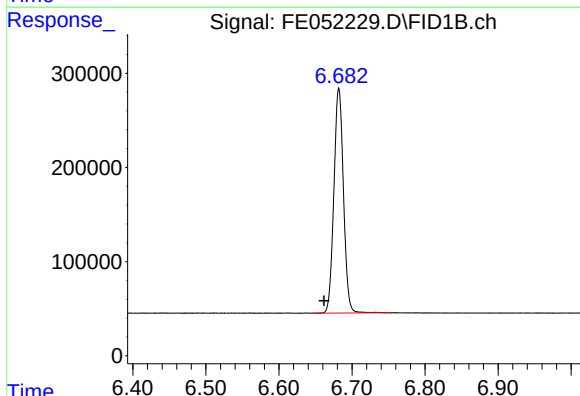
R.T.: 3.748 min
Delta R.T.: 0.023 min
Response: 1865754
Conc: 19.98 ug/ml

Instrument :
FID_E
ClientSampleId :



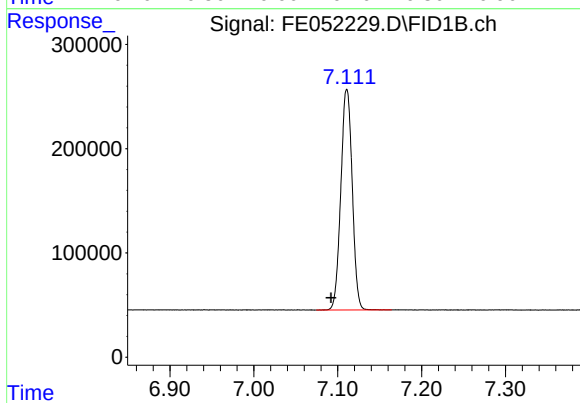
#2 n-Decane (C10)

R.T.: 4.978 min
Delta R.T.: 0.022 min
Response: 1933137
Conc: 20.13 ug/ml



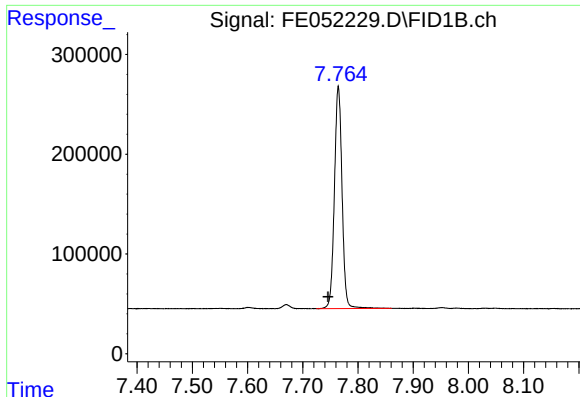
#3 A~Naphthalene (C11.7)

R.T.: 6.682 min
Delta R.T.: 0.020 min
Response: 2176571
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

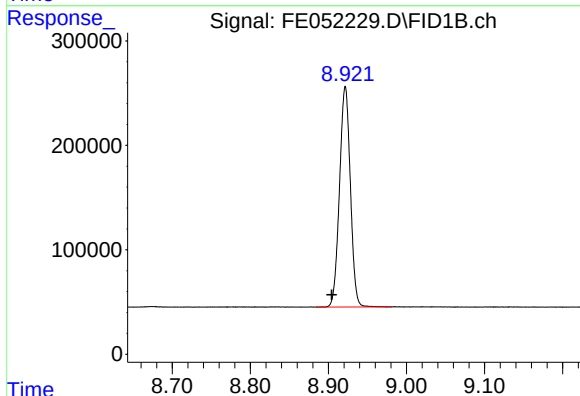
R.T.: 7.111 min
Delta R.T.: 0.019 min
Response: 2002675
Conc: 20.21 ug/ml



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

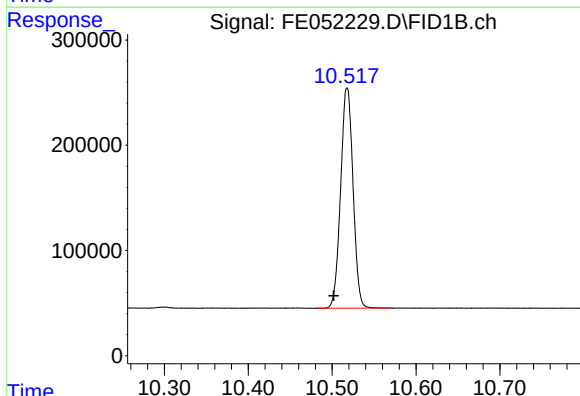
R.T.: 7.765 min
Delta R.T.: 0.019 min
Response: 2142200
Conc: 20.45 ug/ml

Instrument :
FID_E
ClientSampleId :



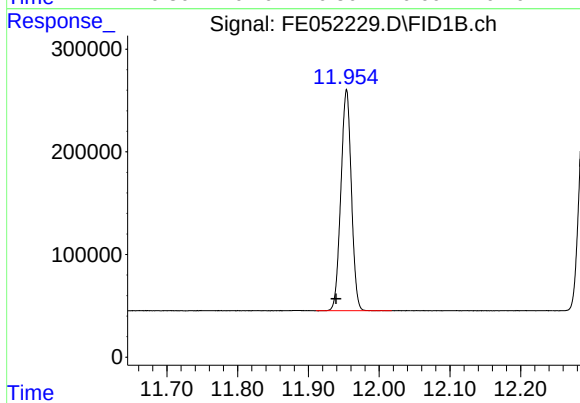
#6 n-Tetradecane (C14)

R.T.: 8.922 min
Delta R.T.: 0.017 min
Response: 2036205
Conc: 20.18 ug/ml



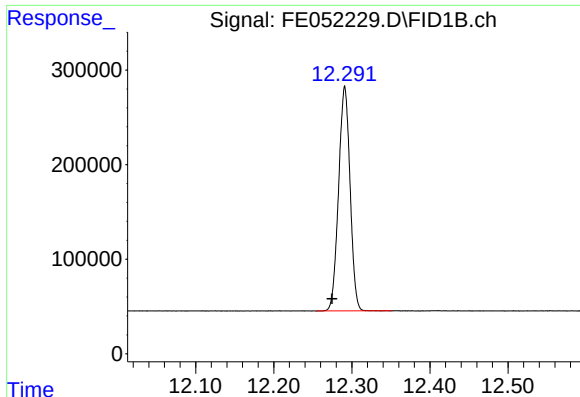
#7 n-Hexadecane (C16)

R.T.: 10.518 min
Delta R.T.: 0.016 min
Response: 2158781
Conc: 19.89 ug/ml



#8 n-Octadecane (C18)

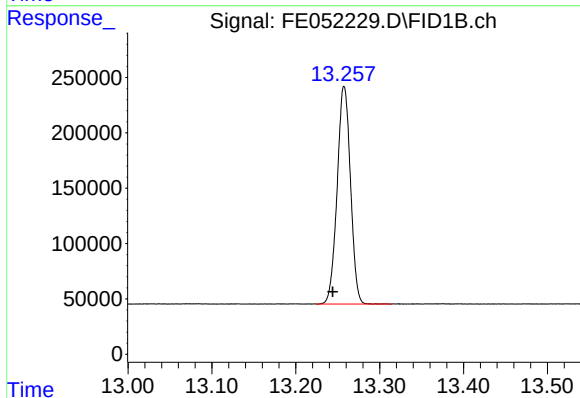
R.T.: 11.954 min
Delta R.T.: 0.015 min
Response: 2221277
Conc: 19.55 ug/ml



#9 ortho-Terphenyl (SURR)

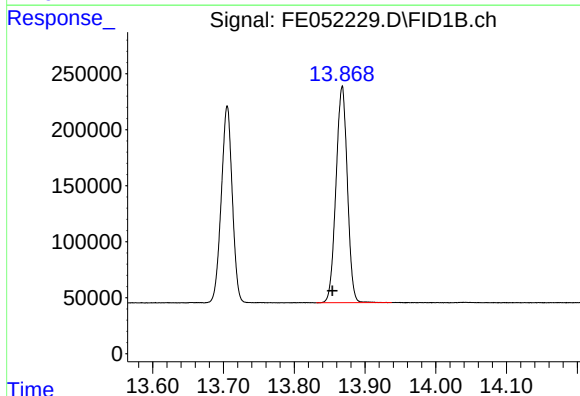
R.T.: 12.291 min
Delta R.T.: 0.016 min
Response: 2424696
Conc: 19.59 ug/ml

Instrument :
FID_E
ClientSampleId :



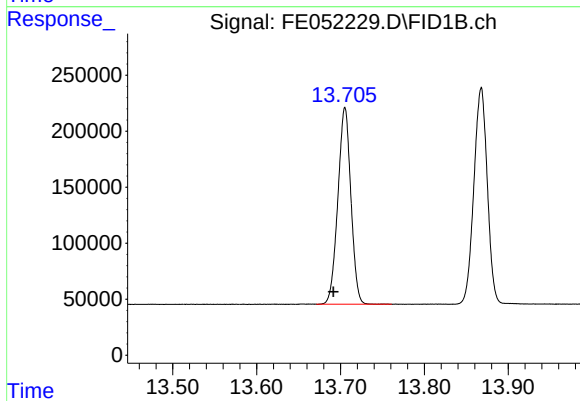
#10 n-Eicosane (C20)

R.T.: 13.258 min
Delta R.T.: 0.014 min
Response: 2173903
Conc: 19.26 ug/ml



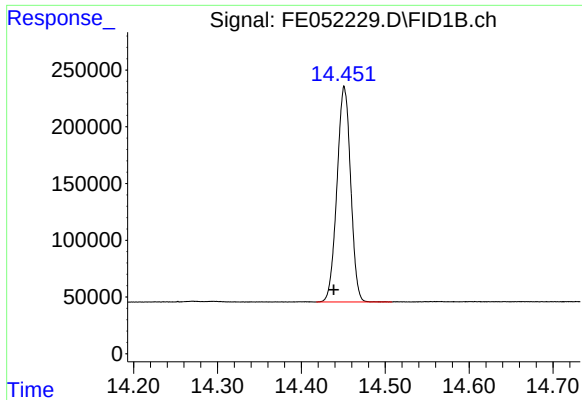
#11 n-Heneicosane (C21)

R.T.: 13.868 min
Delta R.T.: 0.014 min
Response: 2158716
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

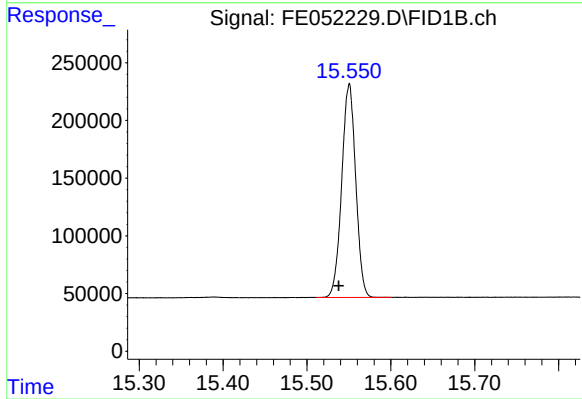
R.T.: 13.705 min
Delta R.T.: 0.013 min
Response: 1893427
Conc: 19.19 ug/ml



#13 n-Docosane (C22)

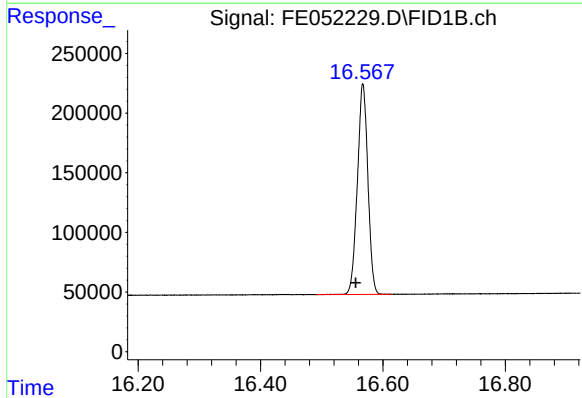
R.T.: 14.451 min
Delta R.T.: 0.013 min
Response: 2151579
Conc: 19.01 ug/ml

Instrument :
FID_E
ClientSampleId :



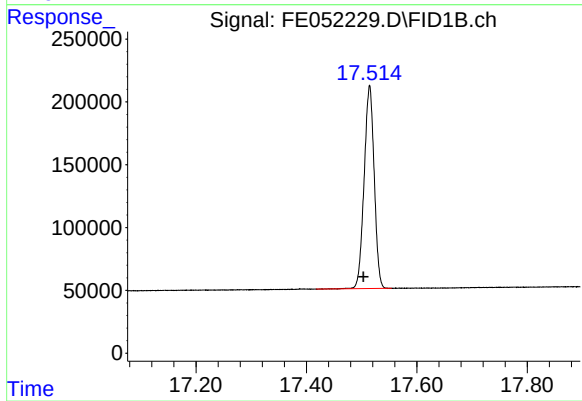
#14 n-Tetracosane (C24)

R.T.: 15.550 min
Delta R.T.: 0.012 min
Response: 2145510
Conc: 18.66 ug/ml



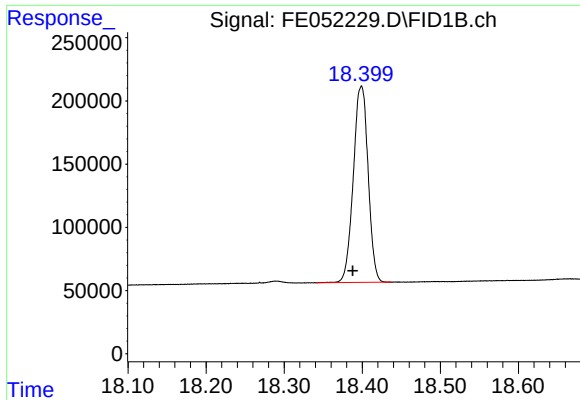
#15 n-Hexacosane (C26)

R.T.: 16.567 min
Delta R.T.: 0.012 min
Response: 2103055
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

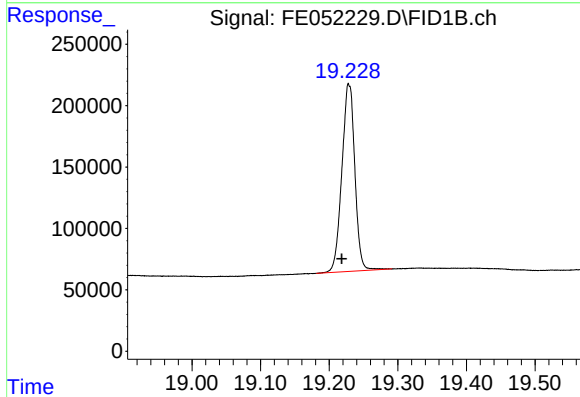
R.T.: 17.514 min
Delta R.T.: 0.011 min
Response: 2044508
Conc: 18.07 ug/ml



#17 n-Tricontane (C30)

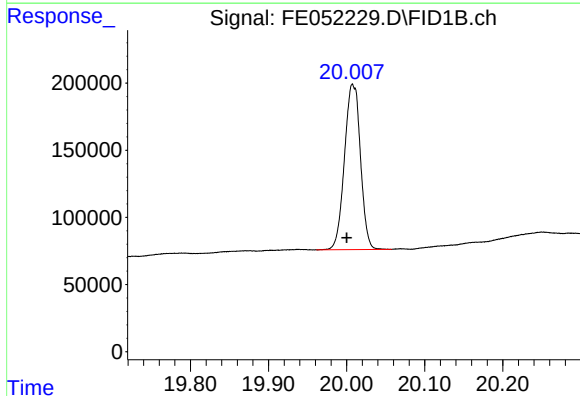
R.T.: 18.399 min
Delta R.T.: 0.011 min
Response: 2045237
Conc: 17.95 ug/ml

Instrument :
FID_E
ClientSampleId :



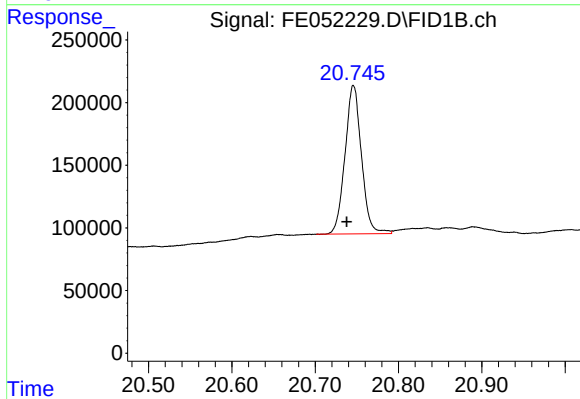
#18 n-Dotriacontane (C32)

R.T.: 19.229 min
Delta R.T.: 0.010 min
Response: 2005493
Conc: 18.39 ug/ml



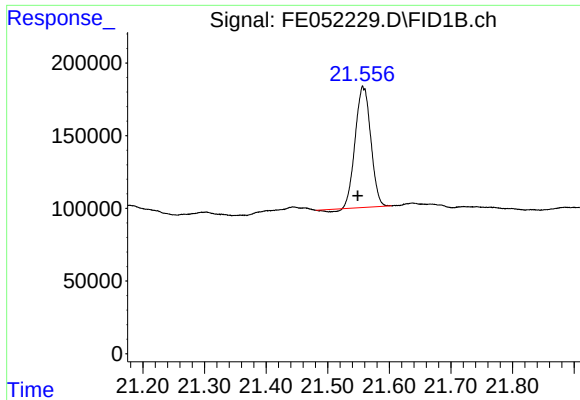
#19 n-Tetratriacontane (C34)

R.T.: 20.008 min
Delta R.T.: 0.008 min
Response: 1750364
Conc: 18.45 ug/ml



#20 n-Hexatriacontane (C36)

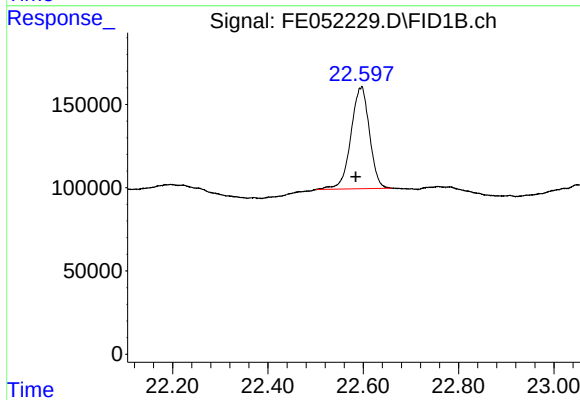
R.T.: 20.746 min
Delta R.T.: 0.008 min
Response: 1625104
Conc: 19.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.558 min
Delta R.T.: 0.009 min
Response: 1444644
Conc: 19.45 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.596 min
Delta R.T.: 0.012 min
Response: 1653301
Conc: 22.18 ug/ml