

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053216.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 17:22
 Operator : YP\AJ
 Sample : Q1732-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 01:23:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.898	3569869	21.917 ug/ml
Spiked Amount 50.000		Recovery =	43.83%
12) S 1-chlorooctadecane (S...	13.343	2942291	24.510 ug/ml
Spiked Amount 50.000		Recovery =	49.02%
Target Compounds			
1) T n-Nonane (C9)	3.238	4729951	30.547 ug/ml
2) T n-Decane (C10)	4.503	5258633	33.525 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5676784	33.792 ug/ml
4) T n-Dodecane (C12)	6.683	5572682	35.631 ug/ml
5) T A~2-methylnaphthalene...	7.318	5338461	33.457 ug/ml
6) T n-Tetradecane (C14)	8.521	5965894	38.963 ug/ml
7) T n-Hexadecane (C16)	10.134	6127177	39.749 ug/ml
8) T n-Octadecane (C18)	11.583	5924434	39.062 ug/ml
10) T n-Eicosane (C20)	12.899	6090709	42.719 ug/ml
11) T n-Heneicosane (C21)	13.512	5827823	41.996 ug/ml
13) T n-Docosane (C22)	14.102	5837475	42.623 ug/ml
14) T n-Tetracosane (C24)	15.200	12039313	89.141 ug/ml
15) T n-Hexacosane (C26)	16.236	6365286	47.713 ug/ml
16) T n-Octacosane (C28)	17.189	6576099	49.831 ug/ml
17) T n-Tricontane (C30)	18.083	6536962	48.229 ug/ml
18) T n-Dotriacontane (C32)	18.918	6346553	47.164 ug/ml
19) T n-Tetratriacontane (C34)	19.705	7109460	54.943 ug/ml
20) T n-Hexatriacontane (C36)	20.449	6035401	50.807 ug/ml
21) T n-Octatriacontane (C38)	21.192	5828839	50.714 ug/ml
22) T n-Tetracontane (C40)	22.116	6828805	60.801 ug/ml

(f)=RT Delta > 1/2 Window

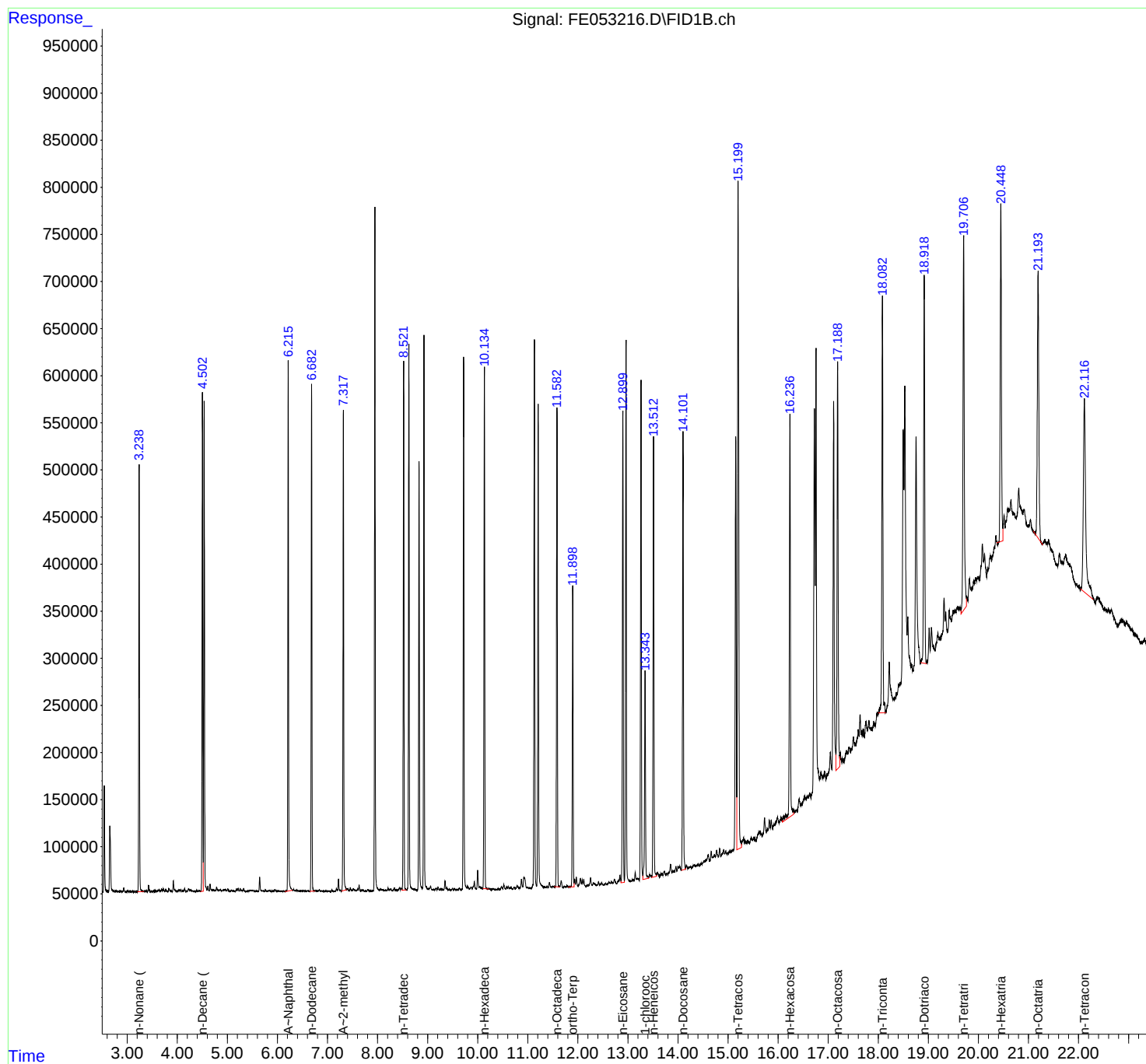
(m)=manual int.

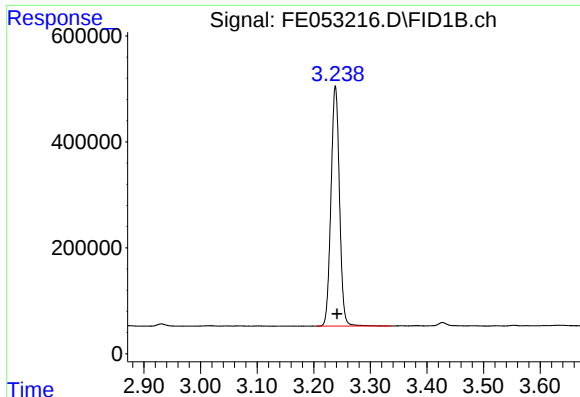
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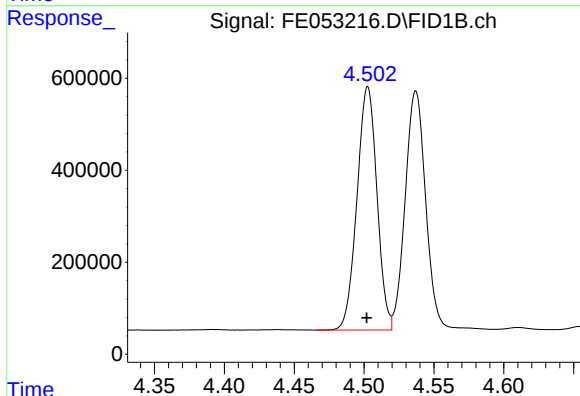




#1 n-Nonane (C9)

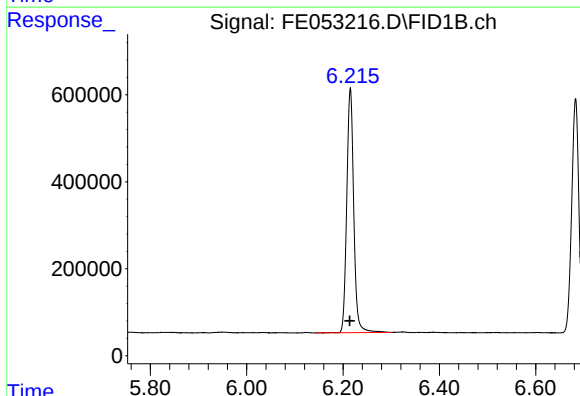
R.T.: 3.238 min
Delta R.T.: -0.003 min
Response: 4729951
Conc: 30.55 ug/ml

Instrument :
FID_E
ClientSampleId :



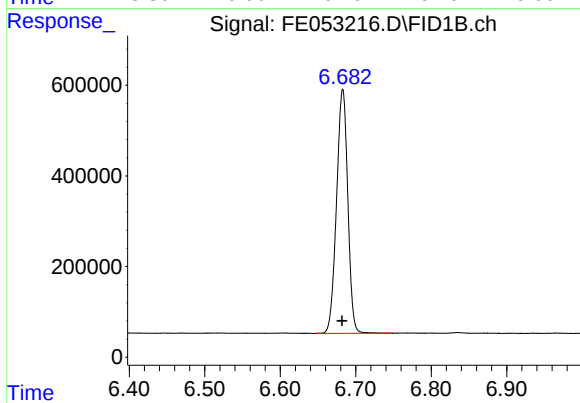
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 5258633
Conc: 33.52 ug/ml



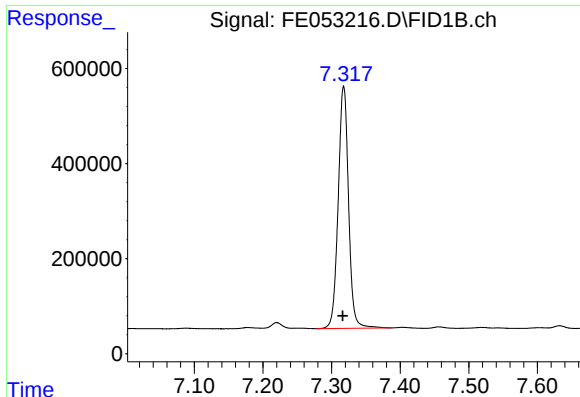
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 5676784
Conc: 33.79 ug/ml



#4 n-Dodecane (C12)

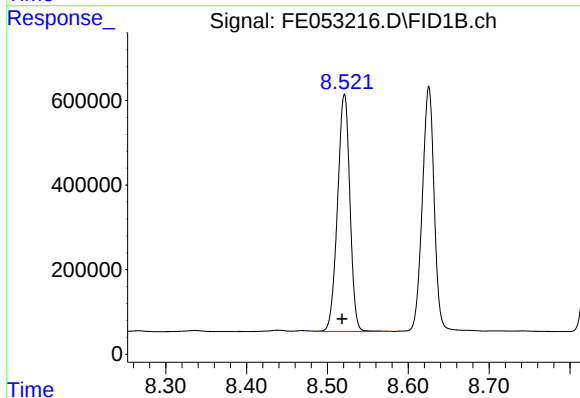
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 5572682
Conc: 35.63 ug/ml



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

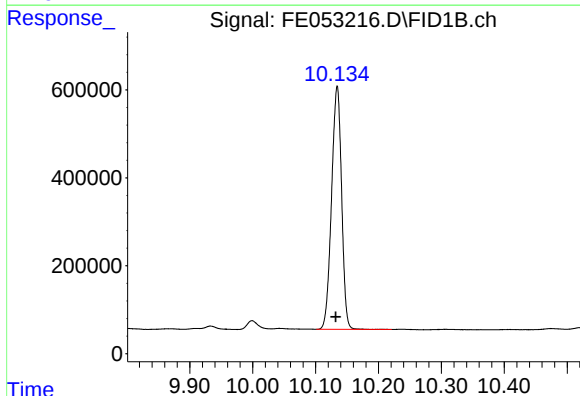
R.T.: 7.318 min
Delta R.T.: 0.002 min
Response: 5338461
Conc: 33.46 ug/ml

Instrument :
FID_E
ClientSampleId :



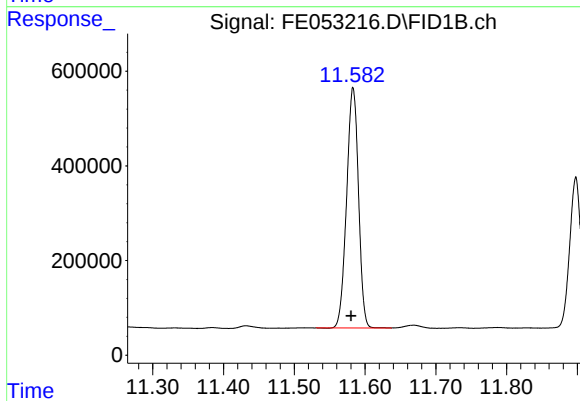
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: 0.003 min
Response: 5965894
Conc: 38.96 ug/ml



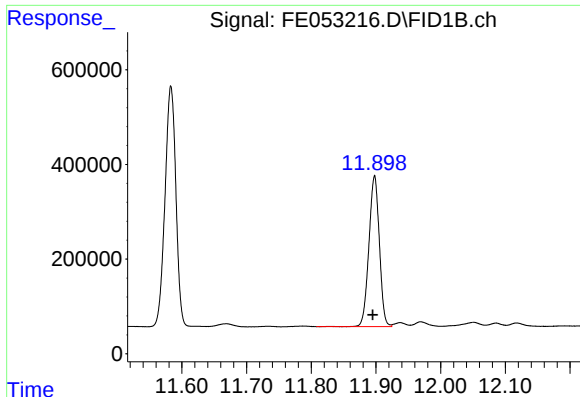
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: 0.002 min
Response: 6127177
Conc: 39.75 ug/ml



#8 n-Octadecane (C18)

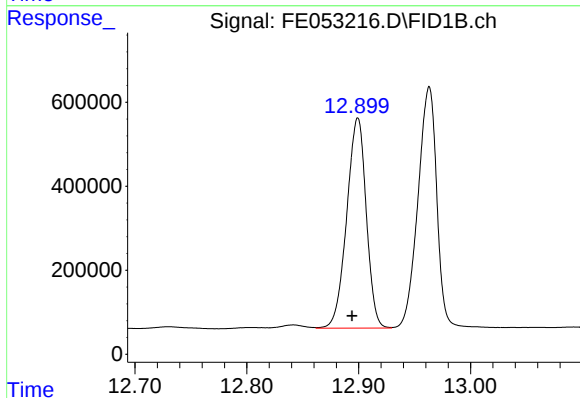
R.T.: 11.583 min
Delta R.T.: 0.003 min
Response: 5924434
Conc: 39.06 ug/ml



#9 ortho-Terphenyl (SURR)

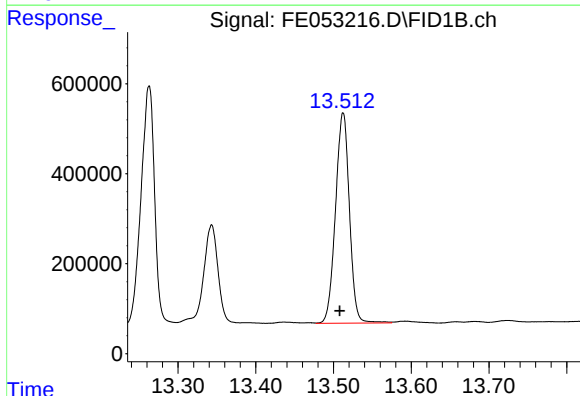
R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 3569869
Conc: 21.92 ug/ml

Instrument :
FID_E
ClientSampleId :



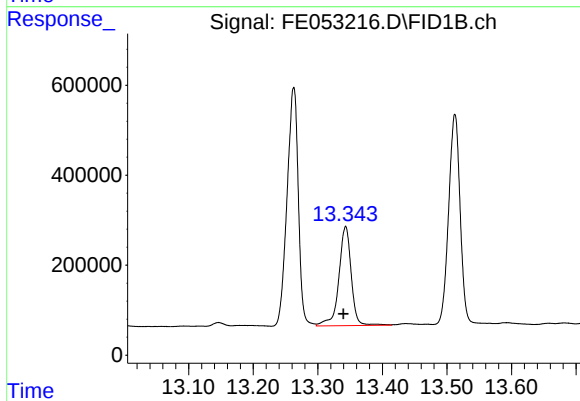
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: 0.005 min
Response: 6090709
Conc: 42.72 ug/ml



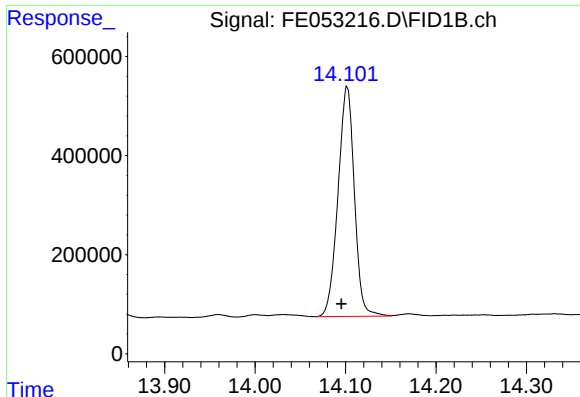
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: 0.004 min
Response: 5827823
Conc: 42.00 ug/ml



#12 1-chlorooctadecane (SURR)

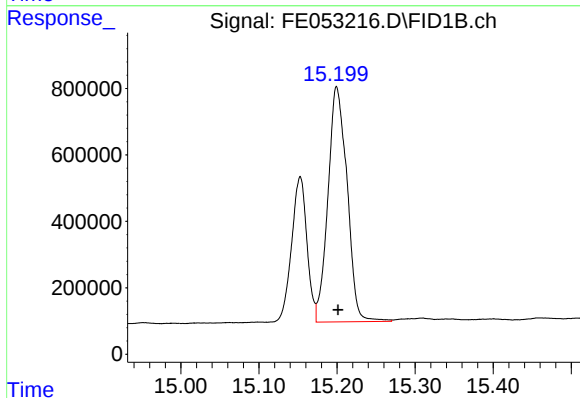
R.T.: 13.343 min
Delta R.T.: 0.003 min
Response: 2942291
Conc: 24.51 ug/ml



#13 n-Docosane (C22)

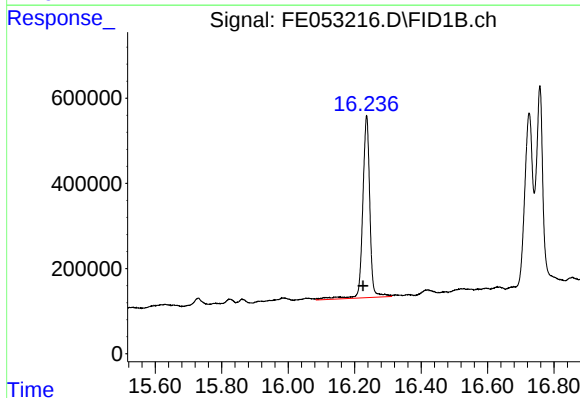
R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 5837475
Conc: 42.62 ug/ml

Instrument :
FID_E
ClientSampleId :



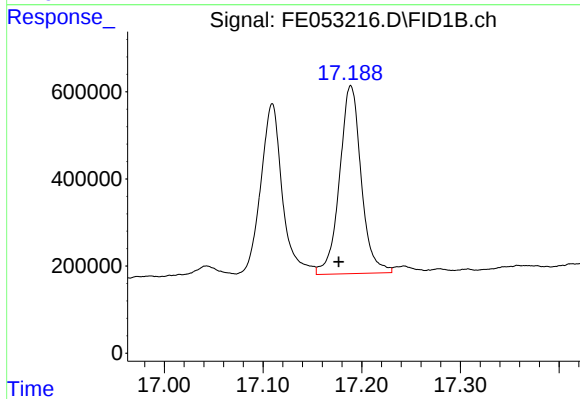
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.001 min
Response: 12039313
Conc: 89.14 ug/ml



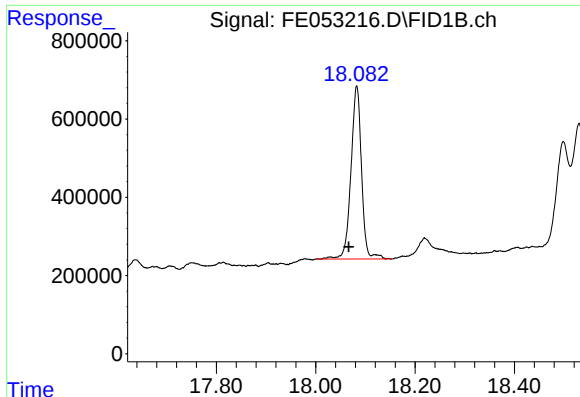
#15 n-Hexacosane (C26)

R.T.: 16.236 min
Delta R.T.: 0.011 min
Response: 6365286
Conc: 47.71 ug/ml



#16 n-Octacosane (C28)

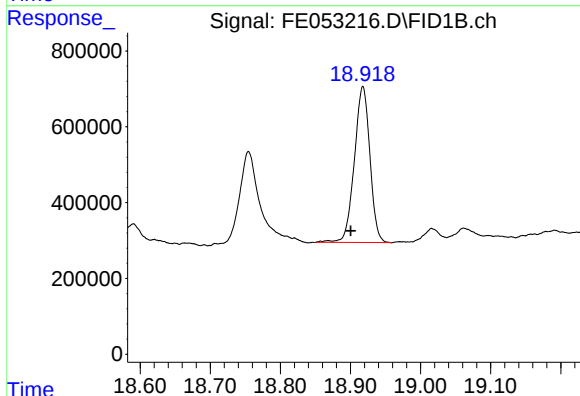
R.T.: 17.189 min
Delta R.T.: 0.012 min
Response: 6576099
Conc: 49.83 ug/ml



#17 n-Tricontane (C30)

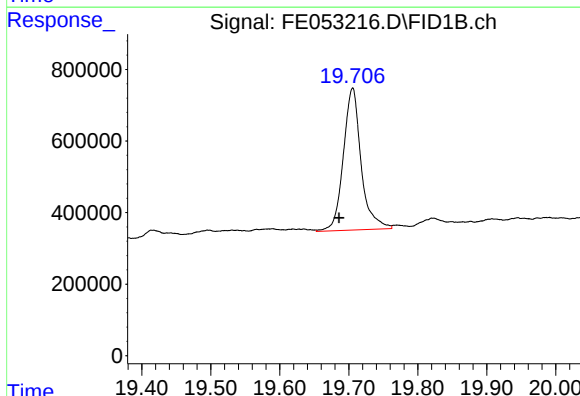
R.T.: 18.083 min
Delta R.T.: 0.016 min
Response: 6536962
Conc: 48.23 ug/ml

Instrument :
FID_E
ClientSampleId :



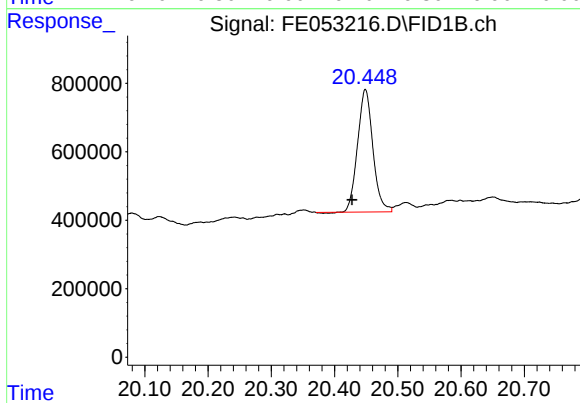
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.017 min
Response: 6346553
Conc: 47.16 ug/ml



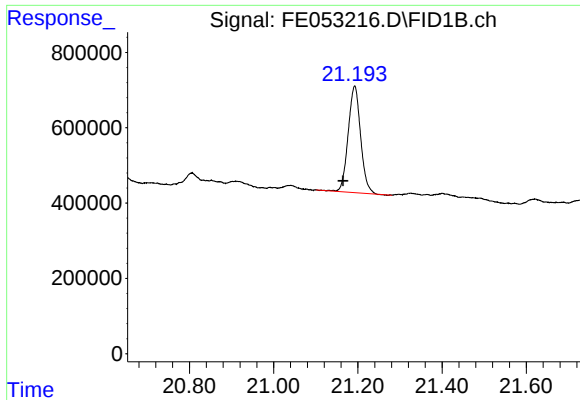
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.019 min
Response: 7109460
Conc: 54.94 ug/ml



#20 n-Hexatriacontane (C36)

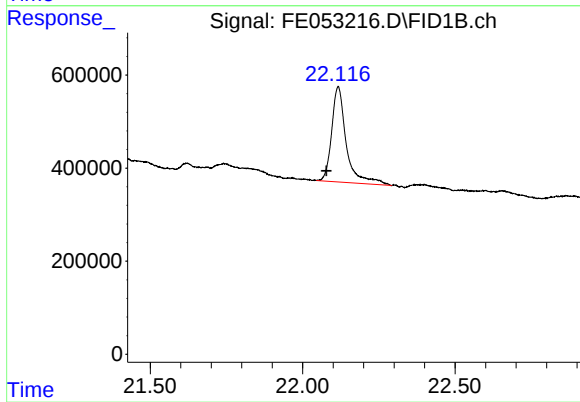
R.T.: 20.449 min
Delta R.T.: 0.021 min
Response: 6035401
Conc: 50.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.192 min
Delta R.T.: 0.027 min
Response: 5828839
Conc: 50.71 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: 0.038 min
Response: 6828805
Conc: 60.80 ug/ml