

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE043990.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 16:18
 Operator : YP\AJ
 Sample : PB154865BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 16 23:38:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.953	8800875	42.707 ug/ml
Spiked Amount 50.000		Recovery =	85.41%
12) S 1-chlorooctadecane (S...	13.389	6820191	43.706 ug/ml
Spiked Amount 50.000		Recovery =	87.41%
Target Compounds			
1) T n-Nonane (C9)	3.351	6676998	41.347 ug/ml
2) T n-Decane (C10)	4.598	7356573	44.635 ug/ml
3) T A~Naphthalene (C11.7)	6.295	8460127	46.466 ug/ml
4) T n-Dodecane (C12)	6.756	7951668	47.511 ug/ml
5) T A~2-methylnaphthalene...	7.390	8421638	47.305 ug/ml
6) T n-Tetradecane (C14)	8.584	8002203	47.496 ug/ml
7) T n-Hexadecane (C16)	10.190	8092566	45.876 ug/ml
8) T n-Octadecane (C18)	11.635	8143640	44.956 ug/ml
10) T n-Eicosane (C20)	12.945	8177323	46.208 ug/ml
11) T n-Heneicosane (C21)	13.557	7856394	44.371 ug/ml
13) T n-Docosane (C22)	14.144	7742861	44.144 ug/ml
14) T n-Tetracosane (C24)	15.234	14616292	83.188 ug/ml
15) T n-Hexacosane (C26)	16.270	7205864	41.692 ug/ml
16) T n-Octacosane (C28)	17.220	7063519	42.216 ug/ml
17) T n-Tricontane (C30)	18.110	6831709	41.247 ug/ml
18) T n-Dotriacontane (C32)	18.942	6516831	41.274 ug/ml
19) T n-Tetratriacontane (C34)	19.726	6111776	41.129 ug/ml
20) T n-Hexatriacontane (C36)	20.469	5643975	40.378 ug/ml
21) T n-Octatriacontane (C38)	21.214	5677010	42.555 ug/ml
22) T n-Tetracontane (C40)	22.146	5789882	44.873 ug/ml

(f)=RT Delta > 1/2 Window

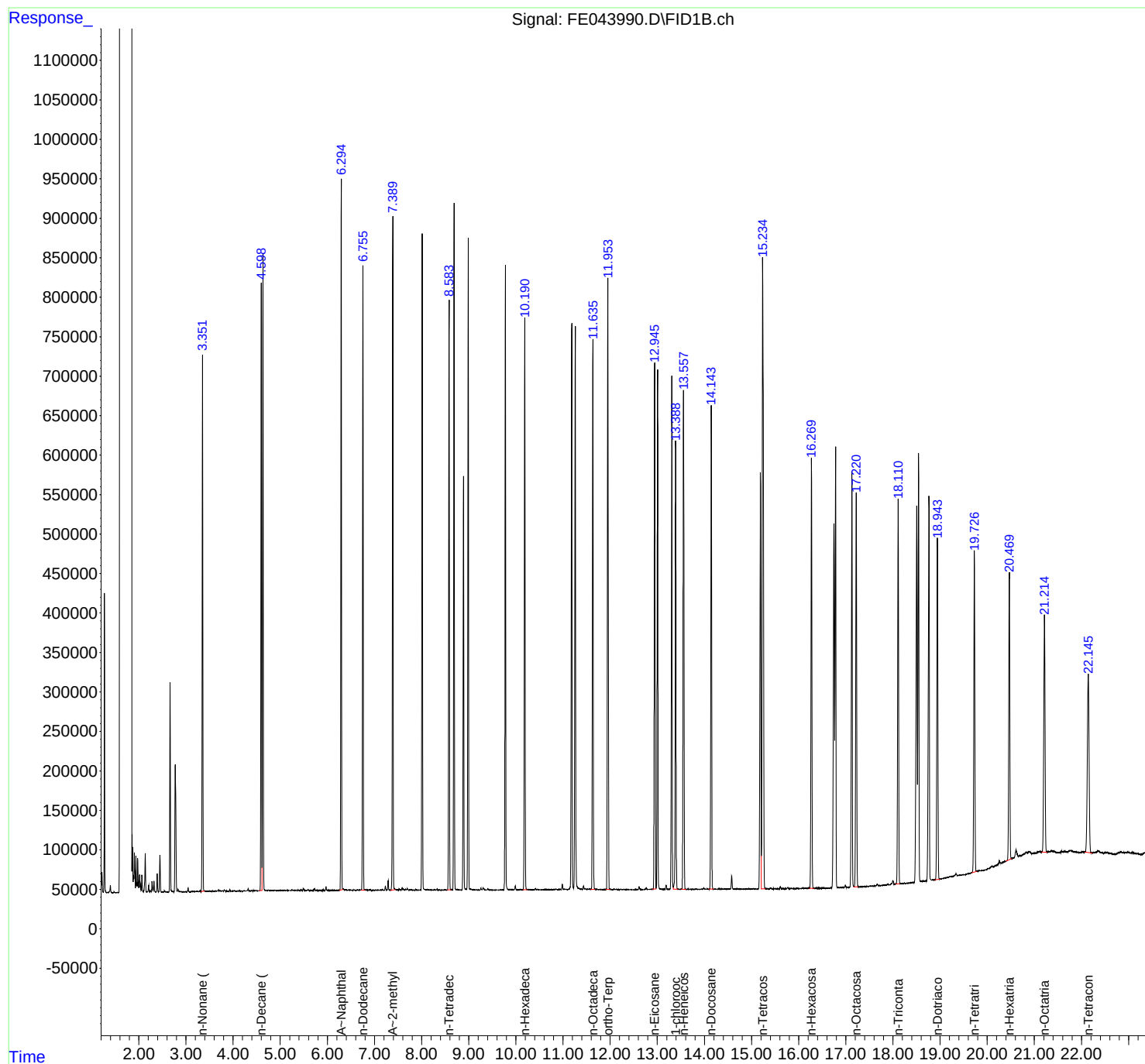
(m)=manual int.

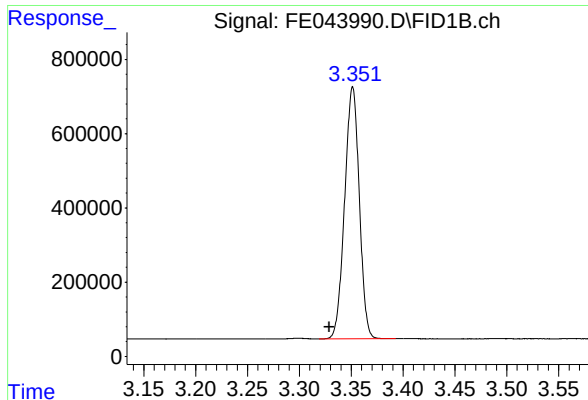
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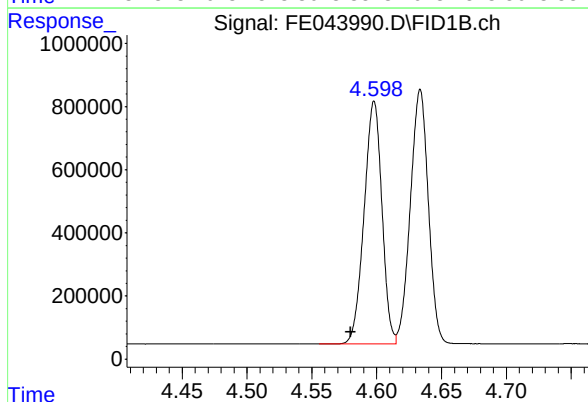
#1 n-Nonane (C9)

R.T.: 3.351 min
Delta R.T.: 0.022 min
Response: 6676998
Conc: 41.35 ug/ml

Instrument :

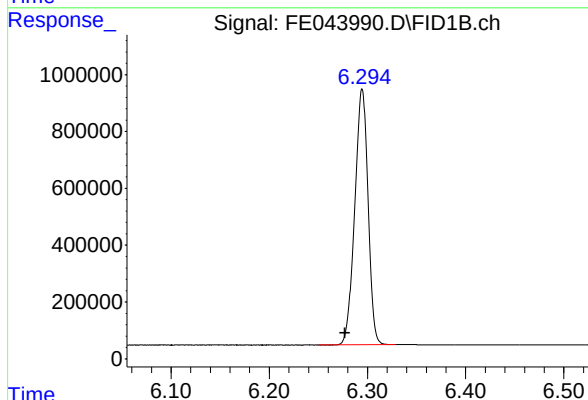
FID_E

ClientSampleId :



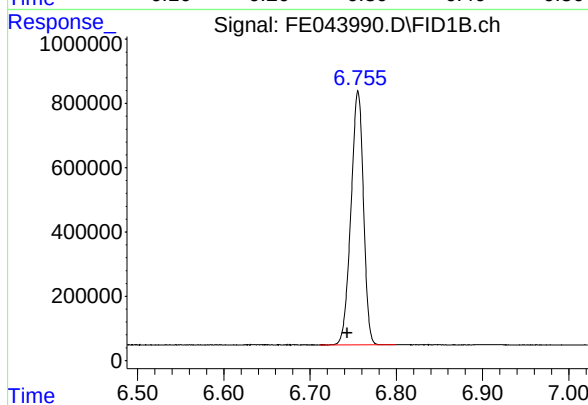
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: 0.018 min
Response: 7356573
Conc: 44.64 ug/ml



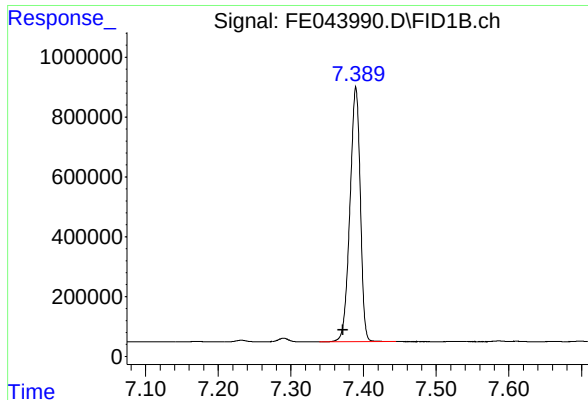
#3 A~Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: 0.017 min
Response: 8460127
Conc: 46.47 ug/ml



#4 n-Dodecane (C12)

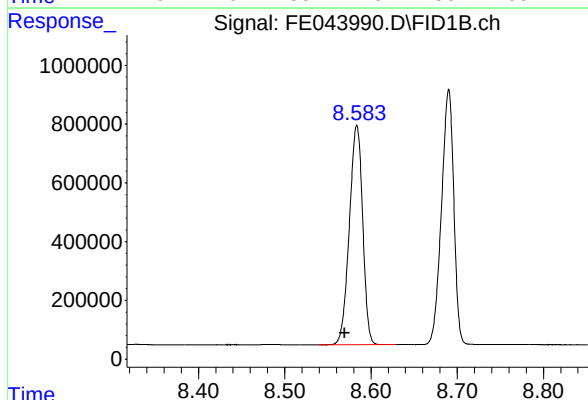
R.T.: 6.756 min
Delta R.T.: 0.013 min
Response: 7951668
Conc: 47.51 ug/ml



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

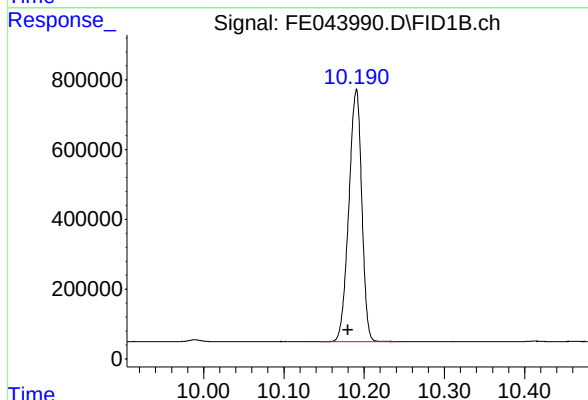
R.T.: 7.390 min
Delta R.T.: 0.017 min
Response: 8421638
Conc: 47.31 ug/ml

Instrument :
FID_E
ClientSampleId :



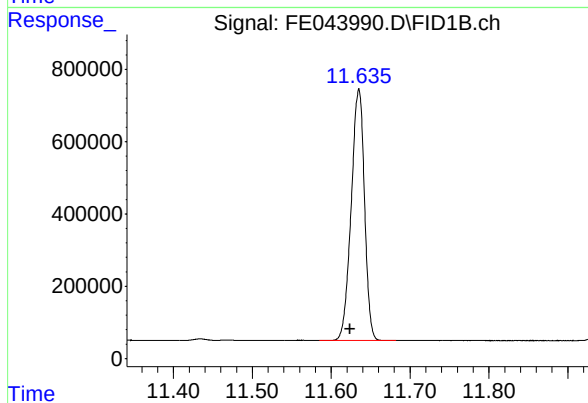
#6 n-Tetradecane (C14)

R.T.: 8.584 min
Delta R.T.: 0.014 min
Response: 8002203
Conc: 47.50 ug/ml



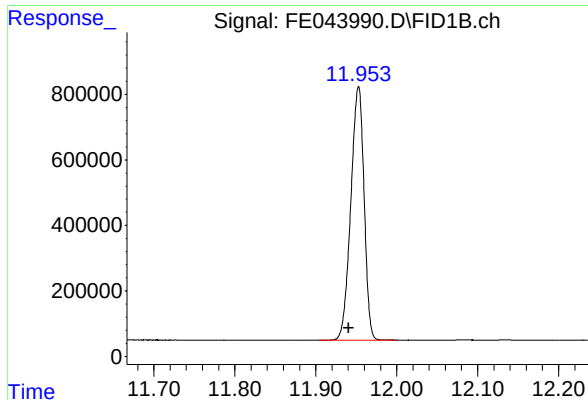
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: 0.011 min
Response: 8092566
Conc: 45.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.011 min
Response: 8143640
Conc: 44.96 ug/ml



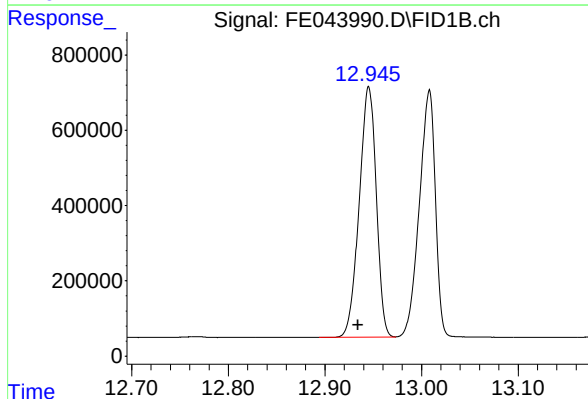
#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: 0.013 min
Response: 8800875
Conc: 42.71 ug/ml

Instrument :

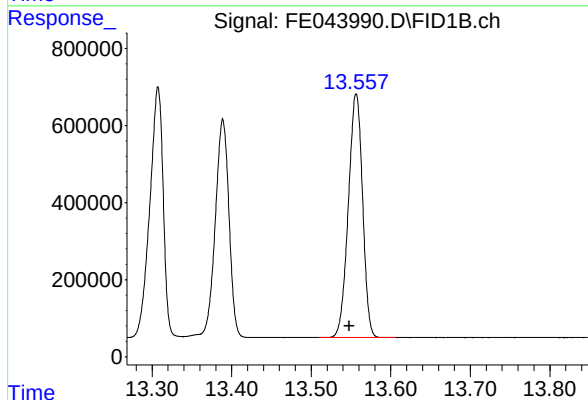
FID_E

ClientSampleId :



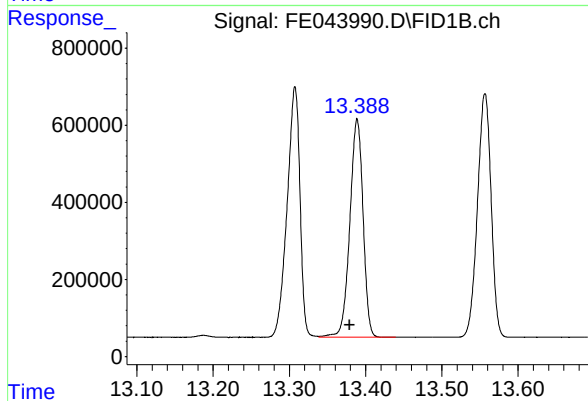
#10 n-Eicosane (C20)

R.T.: 12.945 min
Delta R.T.: 0.011 min
Response: 8177323
Conc: 46.21 ug/ml



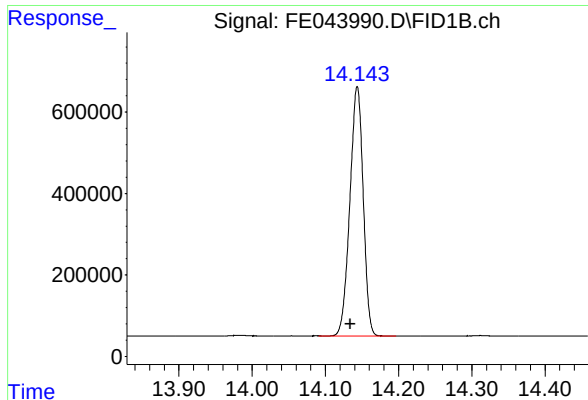
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.009 min
Response: 7856394
Conc: 44.37 ug/ml



#12 1-chlorooctadecane (SURR)

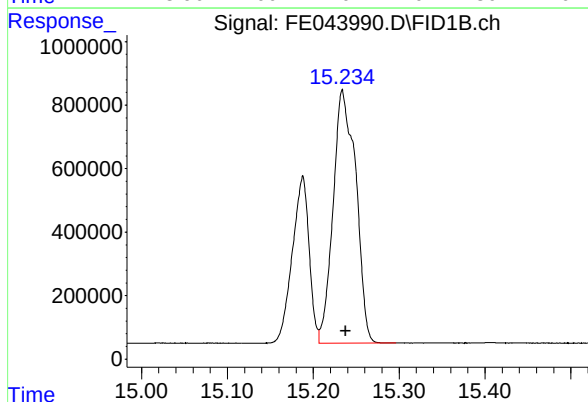
R.T.: 13.389 min
Delta R.T.: 0.010 min
Response: 6820191
Conc: 43.71 ug/ml



#13 n-Docosane (C22)

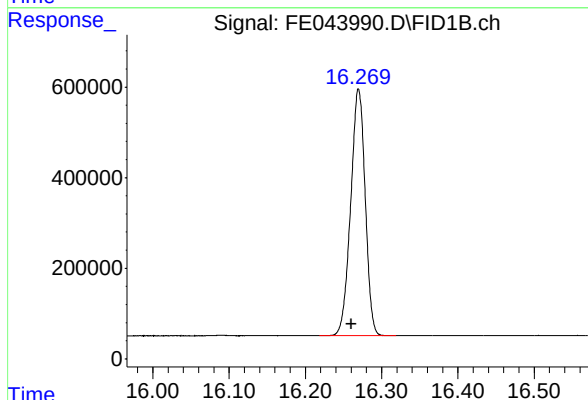
R.T.: 14.144 min
Delta R.T.: 0.009 min
Response: 7742861
Conc: 44.14 ug/ml

Instrument :
FID_E
ClientSampleId :



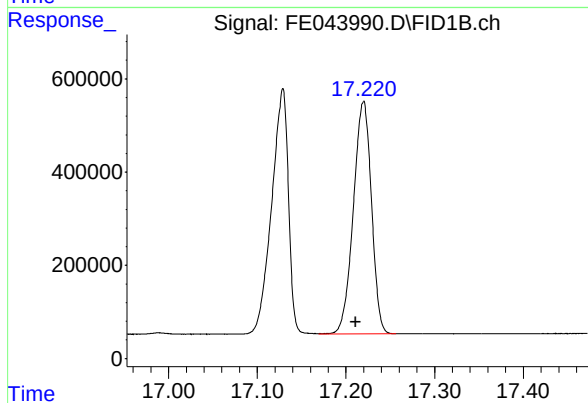
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.004 min
Response: 14616292
Conc: 83.19 ug/ml



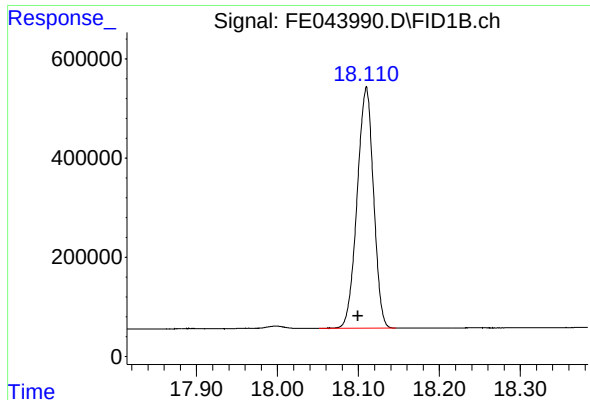
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.009 min
Response: 7205864
Conc: 41.69 ug/ml



#16 n-Octacosane (C28)

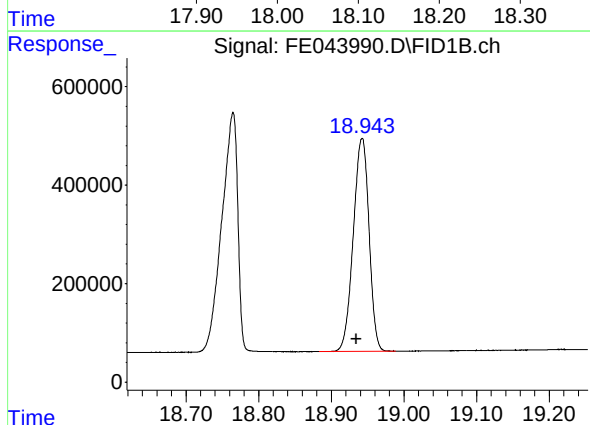
R.T.: 17.220 min
Delta R.T.: 0.009 min
Response: 7063519
Conc: 42.22 ug/ml



#17 n-Tricontane (C30)

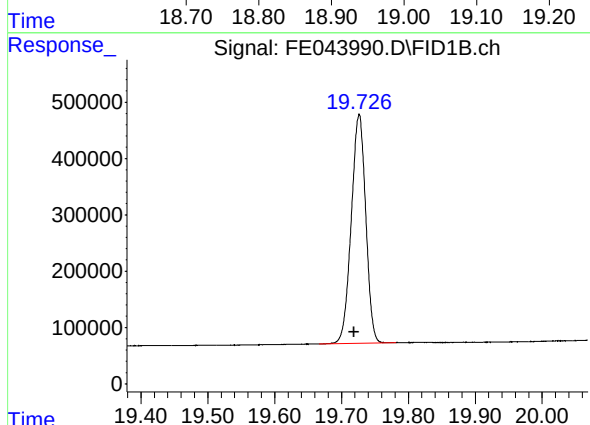
R.T.: 18.110 min
Delta R.T.: 0.010 min
Response: 6831709
Conc: 41.25 ug/ml

Instrument :
FID_E
ClientSampleId :



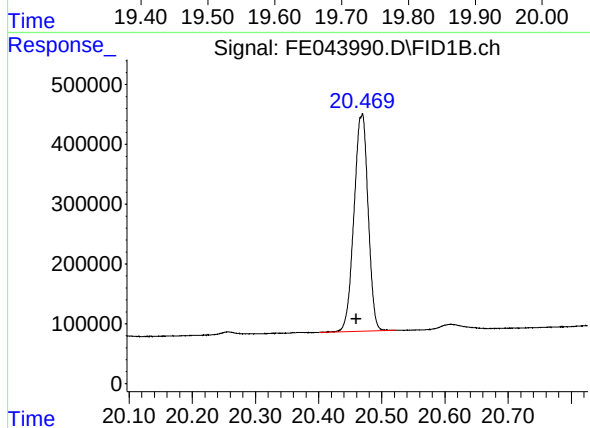
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: 0.008 min
Response: 6516831
Conc: 41.27 ug/ml



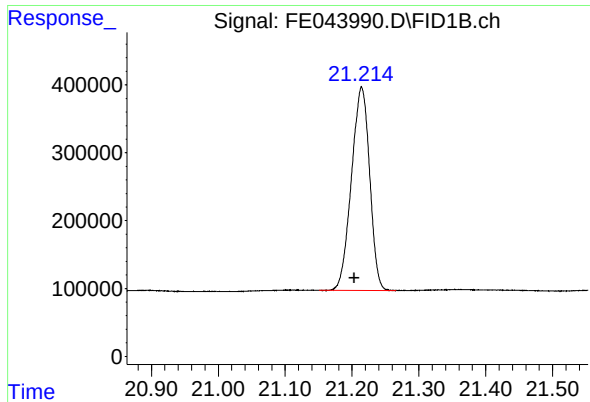
#19 n-Tetratriacontane (C34)

R.T.: 19.726 min
Delta R.T.: 0.008 min
Response: 6111776
Conc: 41.13 ug/ml



#20 n-Hexatriacontane (C36)

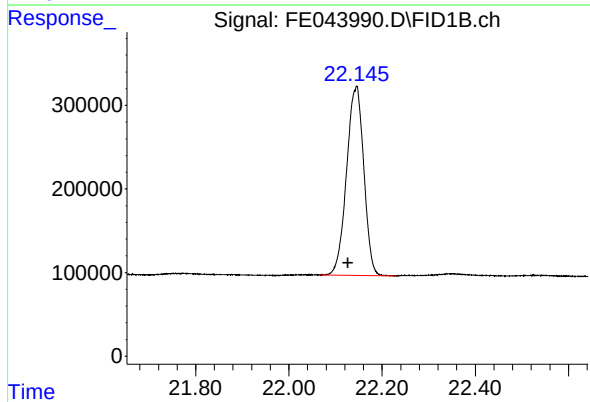
R.T.: 20.469 min
Delta R.T.: 0.009 min
Response: 5643975
Conc: 40.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: 0.011 min
Response: 5677010
Conc: 42.55 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.146 min
Delta R.T.: 0.019 min
Response: 5789882
Conc: 44.87 ug/ml