

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052561.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 14:16
 Operator : YP\AJ
 Sample : PB166929BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166929BSD

Integration File: autoint1.e
 Quant Time: Feb 28 22:08:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.917	6300770	33.706 ug/ml
Spiked Amount 50.000		Recovery =	67.41%
12) S 1-chlorooctadecane (S...	13.360	5054964	36.368 ug/ml
Spiked Amount 50.000		Recovery =	72.74%
Target Compounds			
1) T n-Nonane (C9)	3.263	5758538	37.515 ug/ml
2) T n-Decane (C10)	4.521	5998746	38.407 ug/ml
3) T A~Naphthalene (C11.7)	6.231	6639120	38.428 ug/ml
4) T n-Dodecane (C12)	6.699	6045538	38.301 ug/ml
5) T A~2-methylnaphthalene...	7.333	6042717	35.979 ug/ml
6) T n-Tetradecane (C14)	8.537	5983909	37.990 ug/ml
7) T n-Hexadecane (C16)	10.151	5839390	35.728 ug/ml
8) T n-Octadecane (C18)	11.600	5787812	34.980 ug/ml
10) T n-Eicosane (C20)	12.915	5820995	36.513 ug/ml
11) T n-Heneicosane (C21)	13.528	5579570	35.613 ug/ml
13) T n-Docosane (C22)	14.117	5539197	35.395 ug/ml
14) T n-Tetracosane (C24)	15.208	11241798	71.481 ug/ml
15) T n-Hexacosane (C26)	16.250	5405692	34.901 ug/ml
16) T n-Octacosane (C28)	17.202	5434756	35.530 ug/ml
17) T n-Tricontane (C30)	18.094	5504744	35.265 ug/ml
18) T n-Dotriacontane (C32)	18.927	5560890	36.341 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5589585	39.291 ug/ml
20) T n-Hexatriacontane (C36)	20.455	5392764	43.268 ug/ml
21) T n-Octatriacontane (C38)	21.199	5360872	49.046 ug/ml
22) T n-Tetracontane (C40)	22.124	5453084	54.211 ug/ml

(f)=RT Delta > 1/2 Window

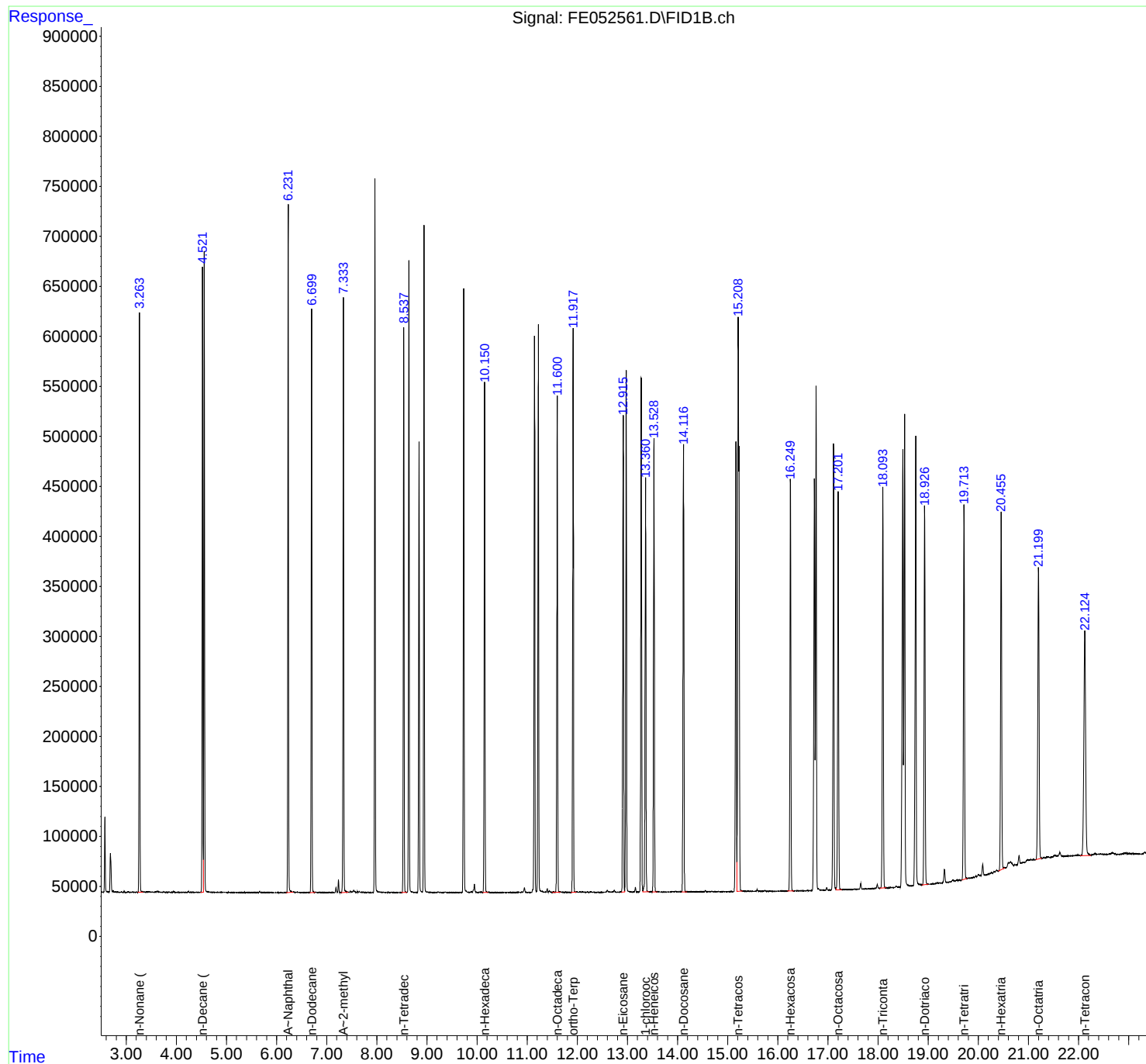
(m)=manual int.

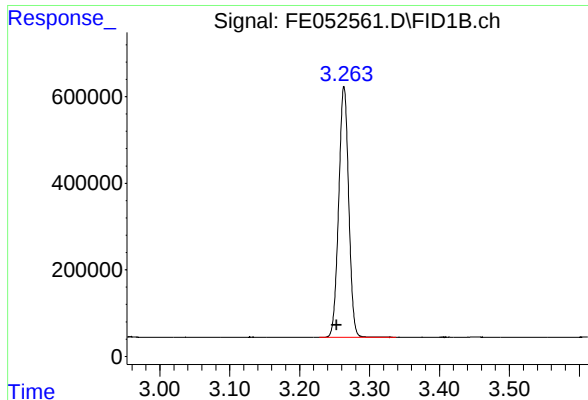
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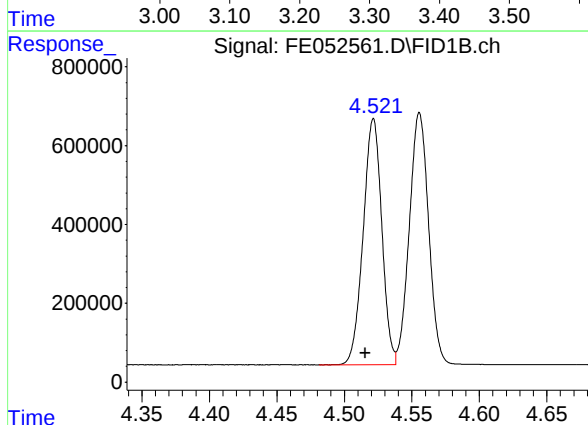




#1 n-Nonane (C9)

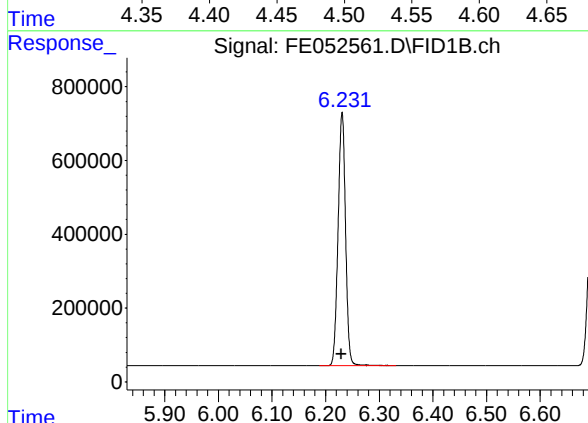
R.T.: 3.263 min
Delta R.T.: 0.010 min
Response: 5758538
Conc: 37.51 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



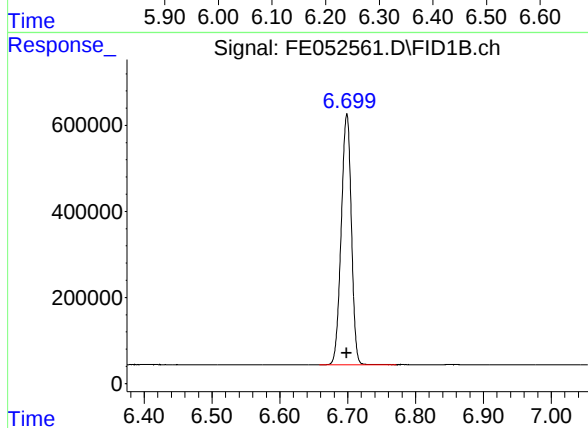
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.006 min
Response: 5998746
Conc: 38.41 ug/ml



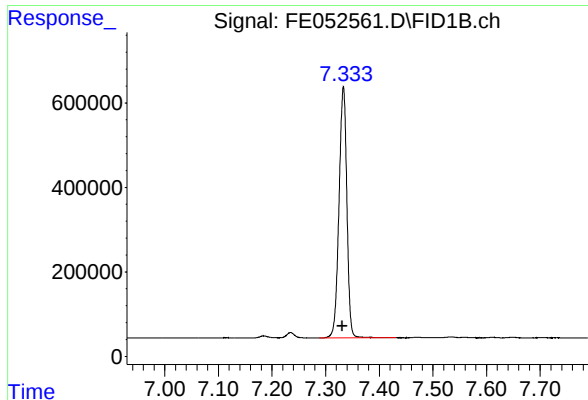
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 6639120
Conc: 38.43 ug/ml



#4 n-Dodecane (C12)

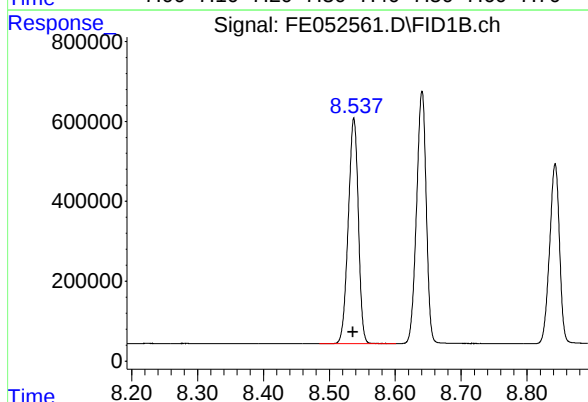
R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 6045538
Conc: 38.30 ug/ml



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

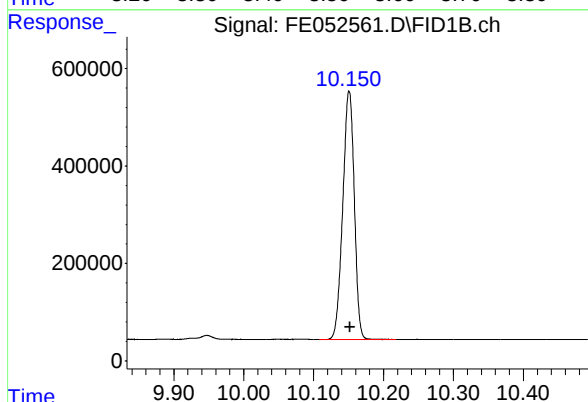
R.T.: 7.333 min
Delta R.T.: 0.002 min
Response: 6042717
Conc: 35.98 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



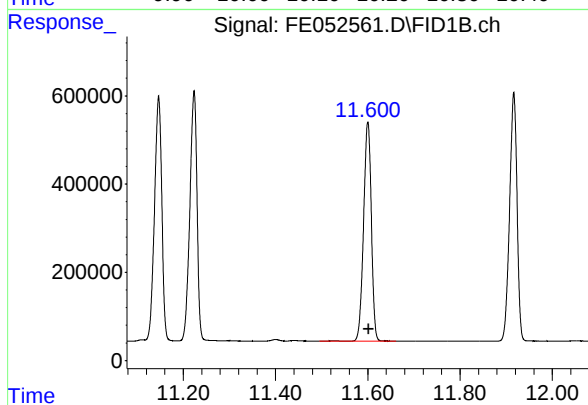
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 5983909
Conc: 37.99 ug/ml



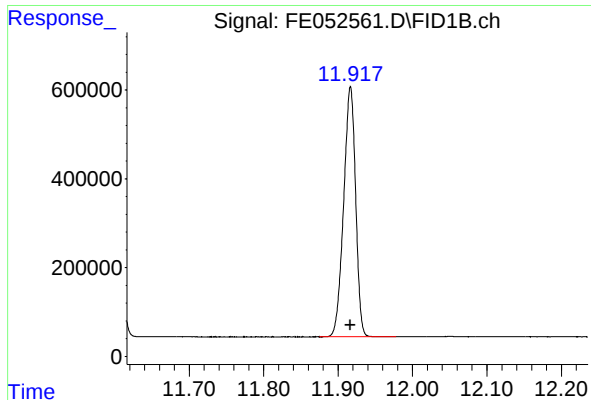
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 5839390
Conc: 35.73 ug/ml



#8 n-Octadecane (C18)

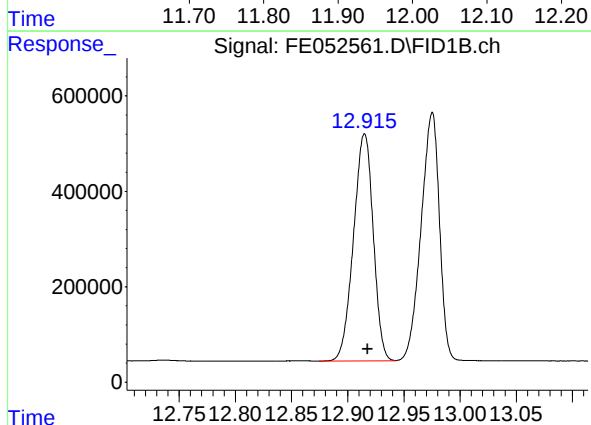
R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 5787812
Conc: 34.98 ug/ml



#9 ortho-Terphenyl (SURR)

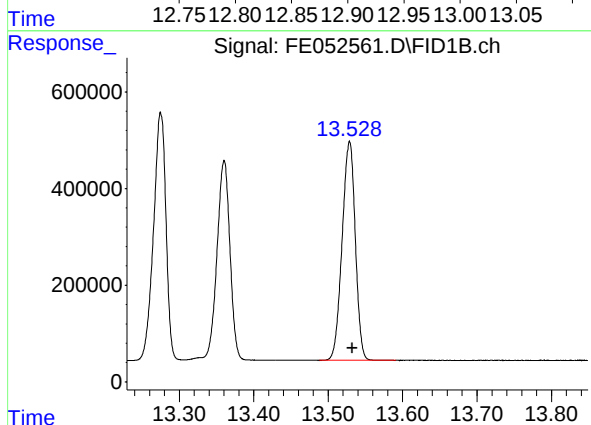
R.T.: 11.917 min
Delta R.T.: 0.000 min
Response: 6300770
Conc: 33.71 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



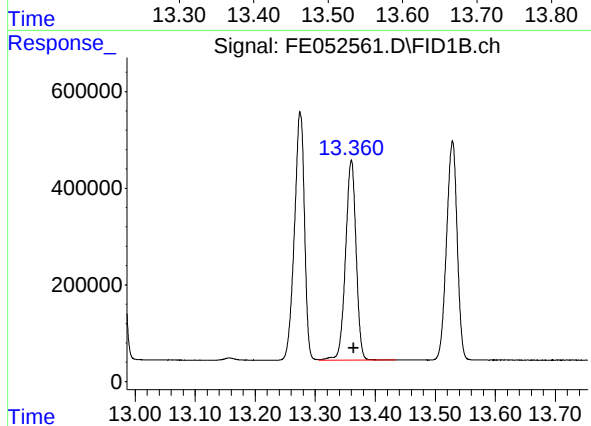
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.003 min
Response: 5820995
Conc: 36.51 ug/ml



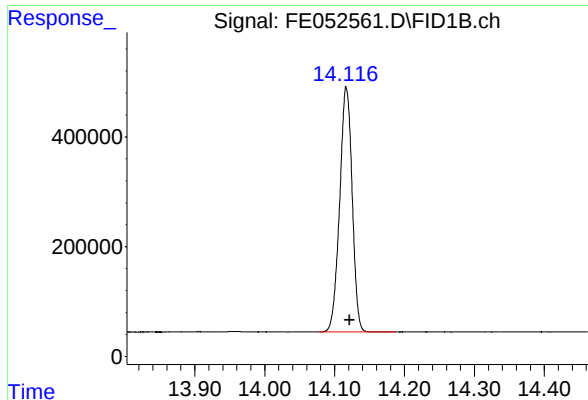
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: -0.004 min
Response: 5579570
Conc: 35.61 ug/ml



#12 1-chlorooctadecane (SURR)

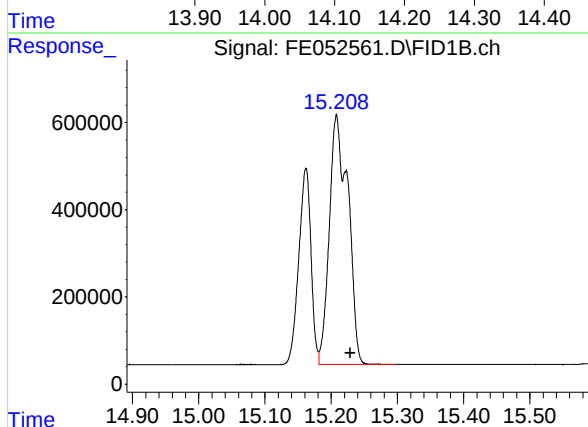
R.T.: 13.360 min
Delta R.T.: -0.004 min
Response: 5054964
Conc: 36.37 ug/ml



#13 n-Docosane (C22)

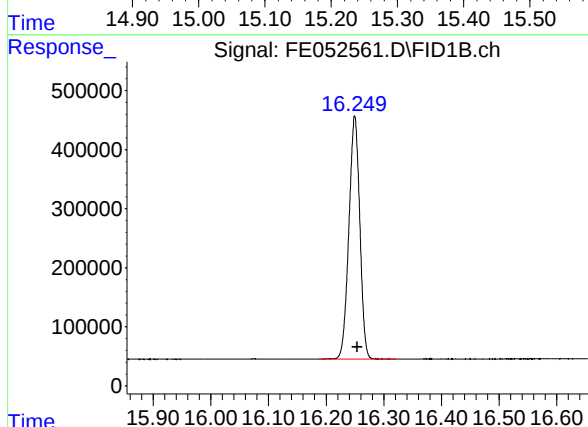
R.T.: 14.117 min
Delta R.T.: -0.004 min
Response: 5539197
Conc: 35.39 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



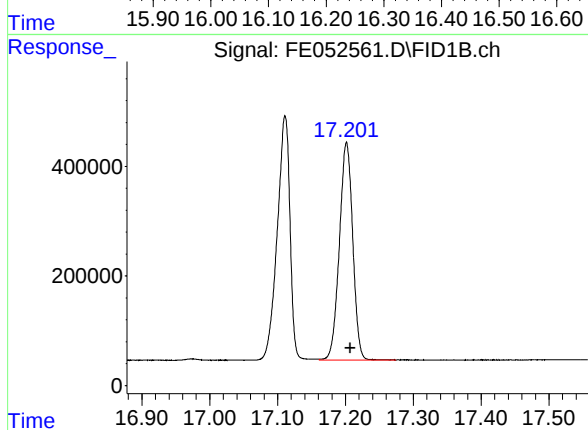
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.021 min
Response: 11241798
Conc: 71.48 ug/ml



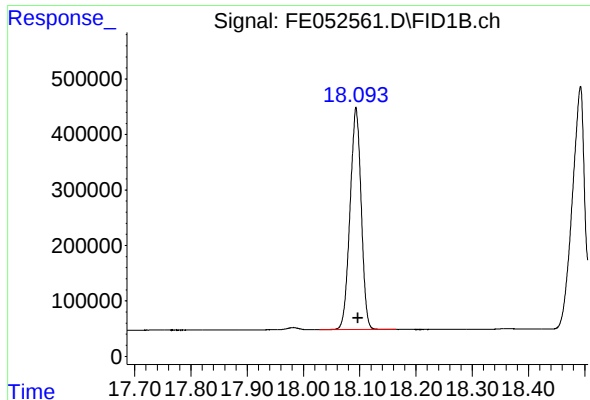
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 5405692
Conc: 34.90 ug/ml



#16 n-Octacosane (C28)

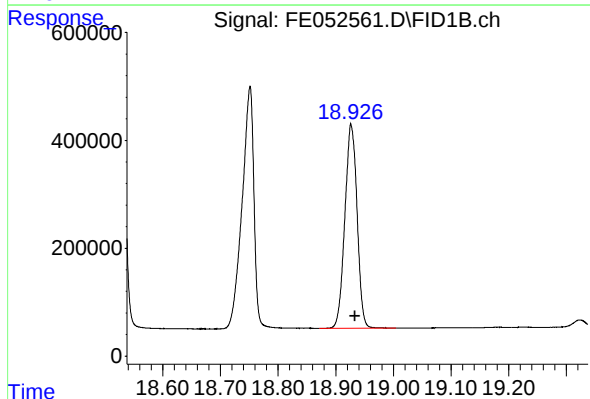
R.T.: 17.202 min
Delta R.T.: -0.006 min
Response: 5434756
Conc: 35.53 ug/ml



#17 n-Tricontane (C30)

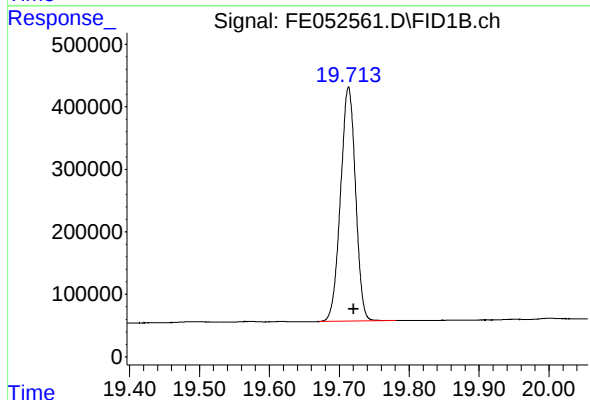
R.T.: 18.094 min
Delta R.T.: -0.004 min
Response: 5504744
Conc: 35.26 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



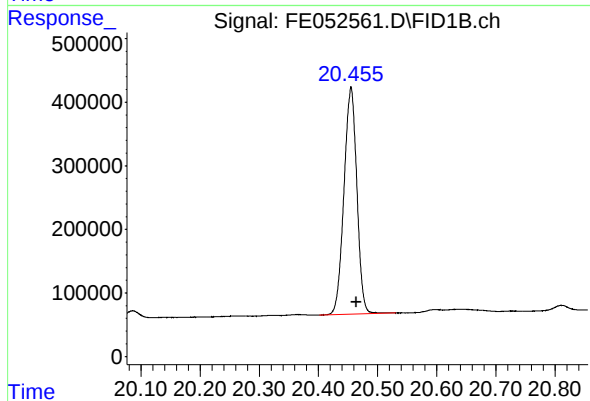
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.006 min
Response: 5560890
Conc: 36.34 ug/ml



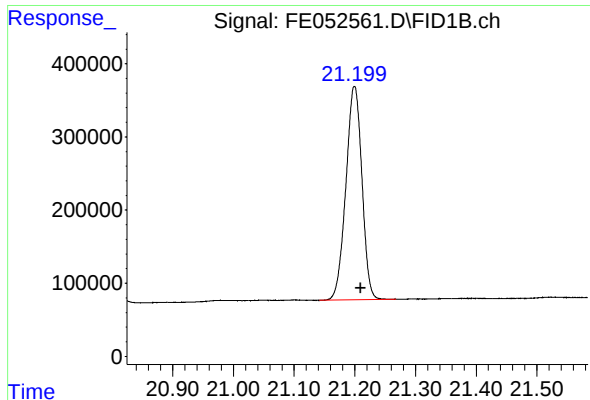
#19 n-Tetatriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.007 min
Response: 5589585
Conc: 39.29 ug/ml



#20 n-Hexatriacontane (C36)

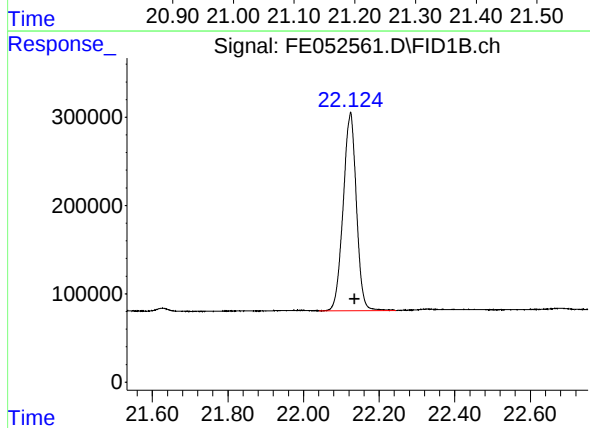
R.T.: 20.455 min
Delta R.T.: -0.009 min
Response: 5392764
Conc: 43.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.010 min
Response: 5360872
Conc: 49.05 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166929BSD



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.011 min
Response: 5453084
Conc: 54.21 ug/ml