

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030425AL\
 Data File : FE052587.D
 Signal(s) : FID1B.ch
 Acq On : 04 Mar 2025 14:48
 Operator : YP\AJ
 Sample : PB166965BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166965BSD

Integration File: sample.E
 Quant Time: Mar 05 05:06:17 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)	11.912	6336489	37.586 ug/ml
Spiked Amount 50.000		Recovery =	75.17%
12) S 1-chlorooctadecane (S...	13.355	4775757	39.331 ug/ml
Spiked Amount 50.000		Recovery =	78.66%
Target Compounds			
1) T n-Nonane (C9)	3.263	5743507	37.043 ug/ml
2) T n-Decane (C10)	4.521	6163500	39.234 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6933801	40.885 ug/ml
4) T n-Dodecane (C12)	6.697	6356194	40.824 ug/ml
5) T A~2-methylnaphthalene...	7.331	6351301	39.192 ug/ml
6) T n-Tetradecane (C14)	8.534	6327004	41.815 ug/ml
7) T n-Hexadecane (C16)	10.147	6178490	40.412 ug/ml
8) T n-Octadecane (C18)	11.597	6130650	40.296 ug/ml
10) T n-Eicosane (C20)	12.911	6178359	42.558 ug/ml
11) T n-Heneicosane (C21)	13.524	5922902	41.614 ug/ml
13) T n-Docosane (C22)	14.112	5887222	41.369 ug/ml
14) T n-Tetracosane (C24)	15.204	11978895	83.705 ug/ml
15) T n-Hexacosane (C26)	16.244	5762167	40.523 ug/ml
16) T n-Octacosane (C28)	17.194	5765855	40.549 ug/ml
17) T n-Tricontane (C30)	18.086	5742082	38.877 ug/ml
18) T n-Dotriacontane (C32)	18.918	5686524	39.169 ug/ml
19) T n-Tetratriacontane (C34)	19.704	5727401	42.495 ug/ml
20) T n-Hexatriacontane (C36)	20.446	5501187	46.297 ug/ml
21) T n-Octatriacontane (C38)	21.189	5538963	49.929 ug/ml
22) T n-Tetracontane (C40)	22.112	5536613	51.210 ug/ml

(f)=RT Delta > 1/2 Window

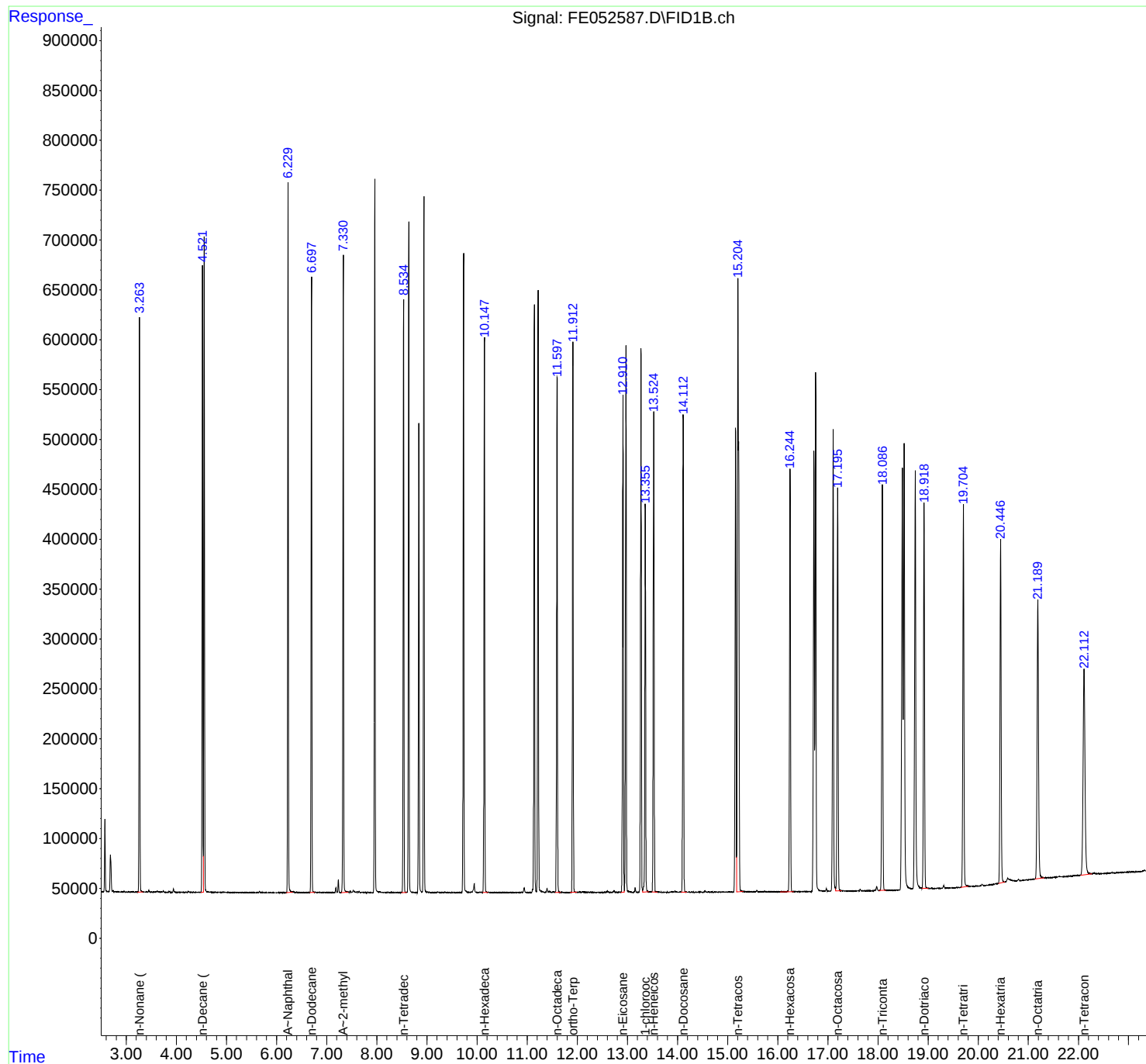
(m)=manual int.

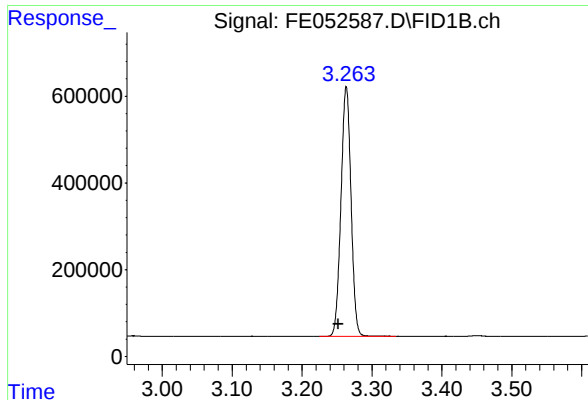
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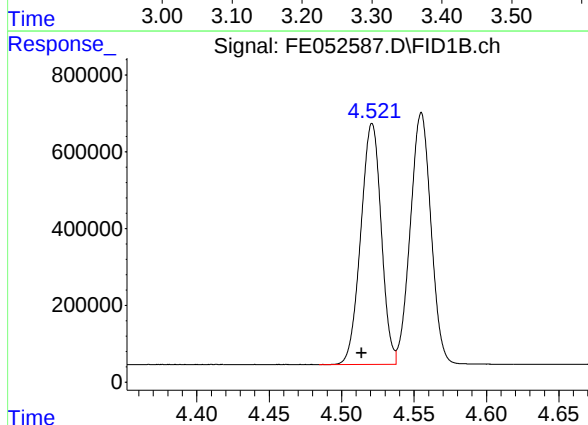




#1 n-Nonane (C9)

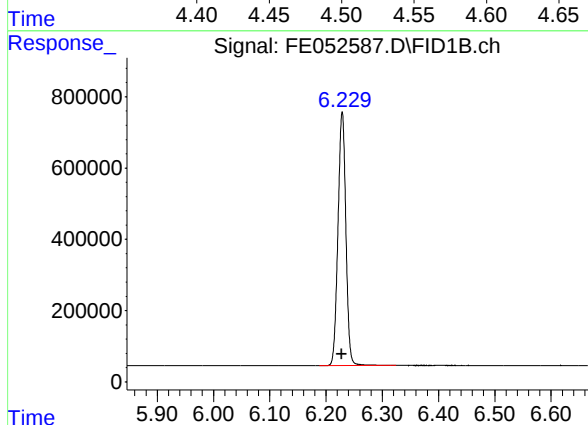
R.T.: 3.263 min
Delta R.T.: 0.011 min
Response: 5743507
Conc: 37.04 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



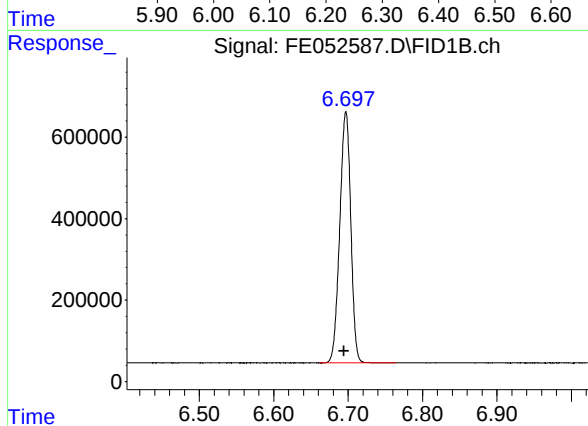
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 6163500
Conc: 39.23 ug/ml



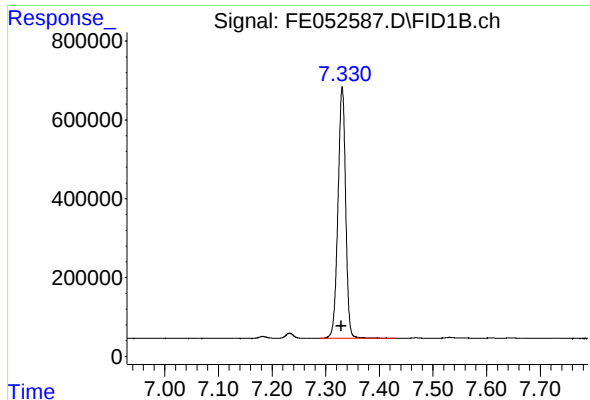
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6933801
Conc: 40.89 ug/ml



#4 n-Dodecane (C12)

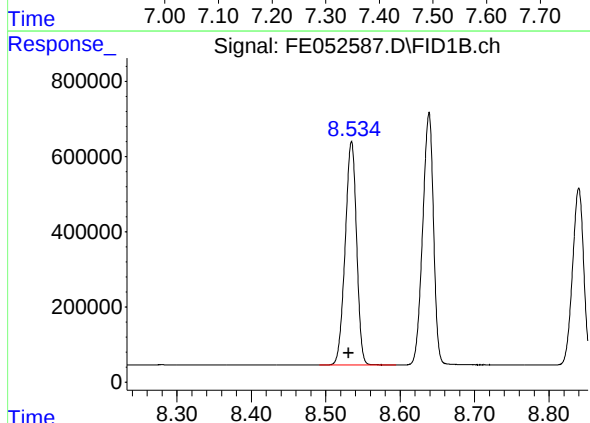
R.T.: 6.697 min
Delta R.T.: 0.002 min
Response: 6356194
Conc: 40.82 ug/ml



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

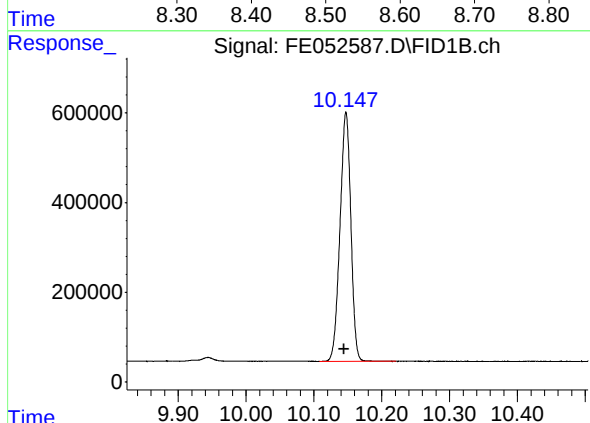
R.T.: 7.331 min
Delta R.T.: 0.001 min
Response: 6351301
Conc: 39.19 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



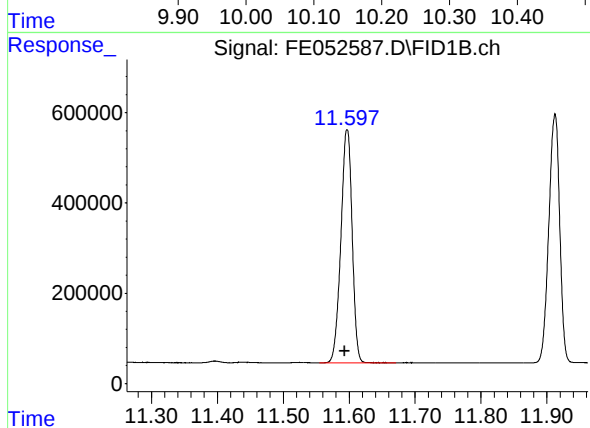
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.004 min
Response: 6327004
Conc: 41.81 ug/ml



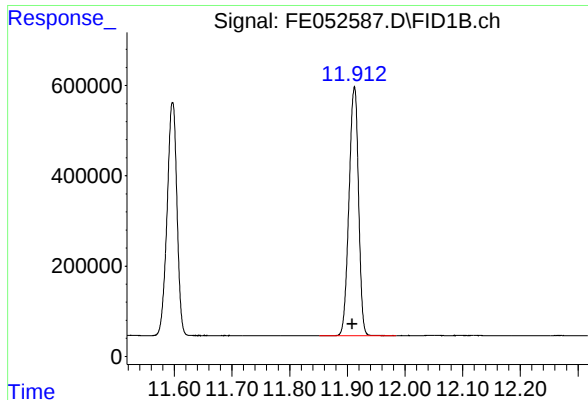
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.003 min
Response: 6178490
Conc: 40.41 ug/ml



#8 n-Octadecane (C18)

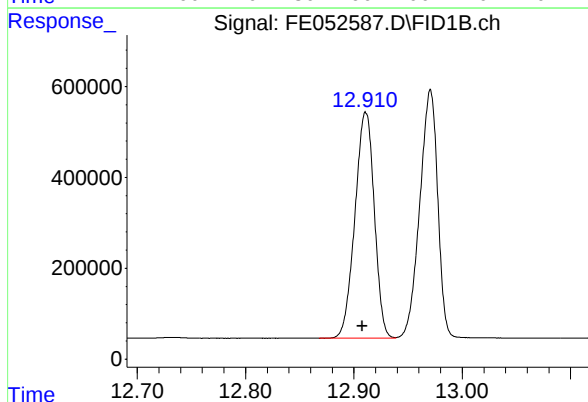
R.T.: 11.597 min
Delta R.T.: 0.004 min
Response: 6130650
Conc: 40.30 ug/ml



#9 ortho-Terphenyl (SURR)

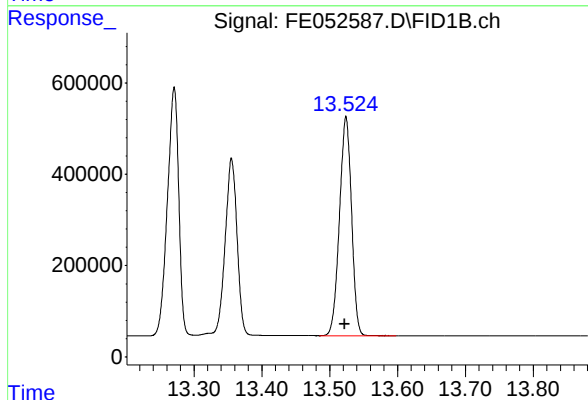
R.T.: 11.912 min
Delta R.T.: 0.003 min
Response: 6336489
Conc: 37.59 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



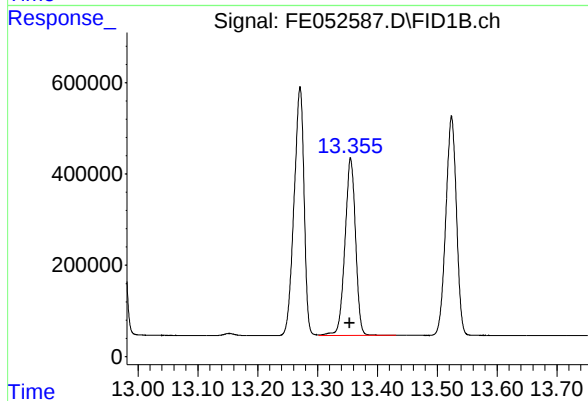
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 6178359
Conc: 42.56 ug/ml



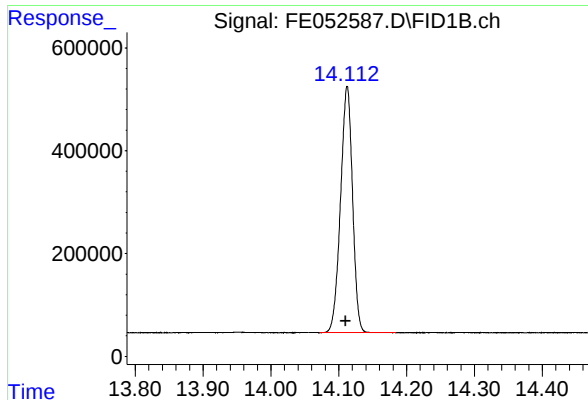
#11 n-Heneicosane (C21)

R.T.: 13.524 min
Delta R.T.: 0.002 min
Response: 5922902
Conc: 41.61 ug/ml



#12 1-chlorooctadecane (SURR)

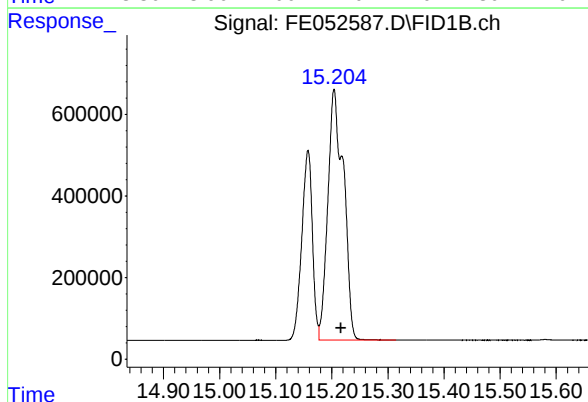
R.T.: 13.355 min
Delta R.T.: 0.001 min
Response: 4775757
Conc: 39.33 ug/ml



#13 n-Docosane (C22)

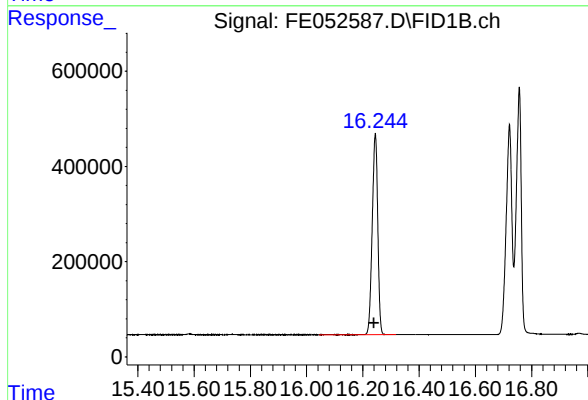
R.T.: 14.112 min
Delta R.T.: 0.002 min
Response: 5887222
Conc: 41.37 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



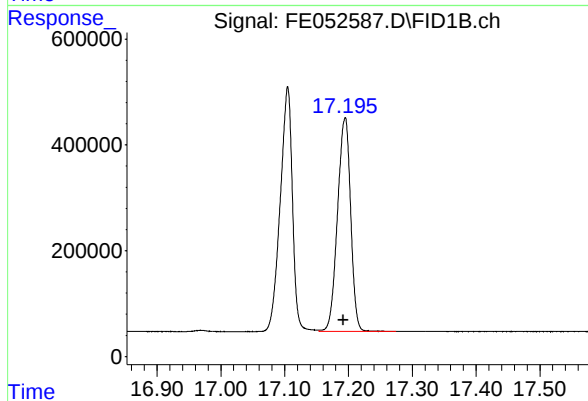
#14 n-Tetracosane (C24)

R.T.: 15.204 min
Delta R.T.: -0.012 min
Response: 11978895
Conc: 83.70 ug/ml



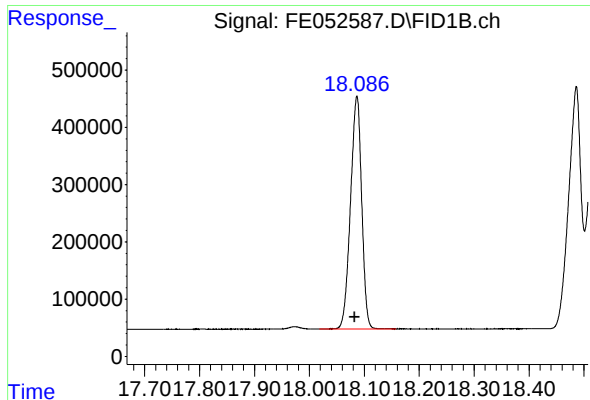
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.004 min
Response: 5762167
Conc: 40.52 ug/ml



#16 n-Octacosane (C28)

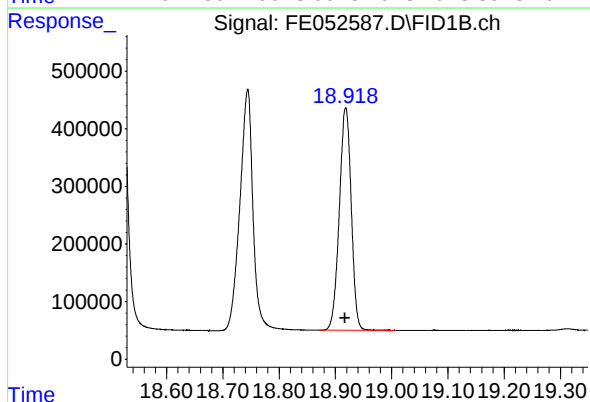
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 5765855
Conc: 40.55 ug/ml



#17 n-Tricontane (C30)

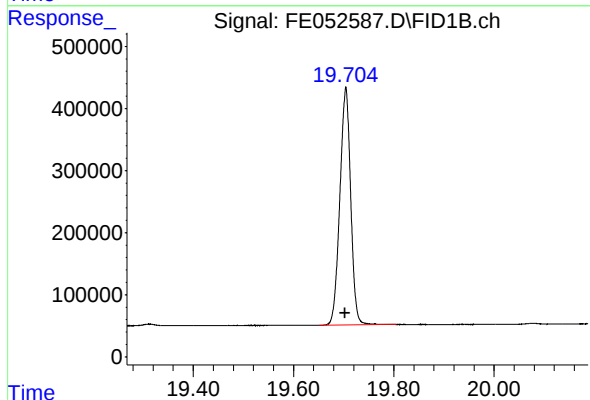
R.T.: 18.086 min
Delta R.T.: 0.004 min
Response: 5742082
Conc: 38.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



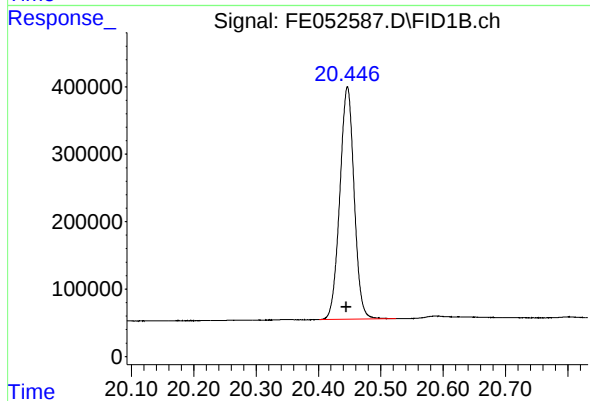
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 5686524
Conc: 39.17 ug/ml



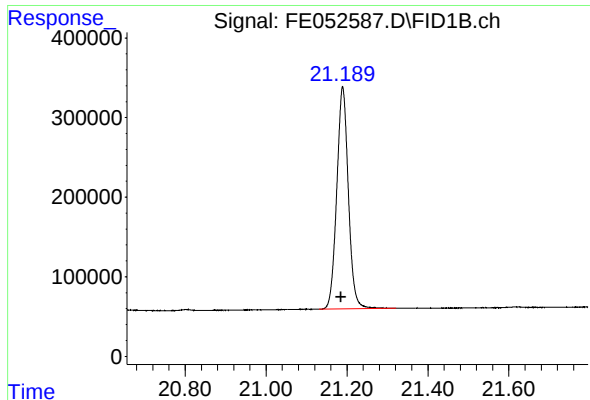
#19 n-Tetatriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 5727401
Conc: 42.49 ug/ml



#20 n-Hexatriacontane (C36)

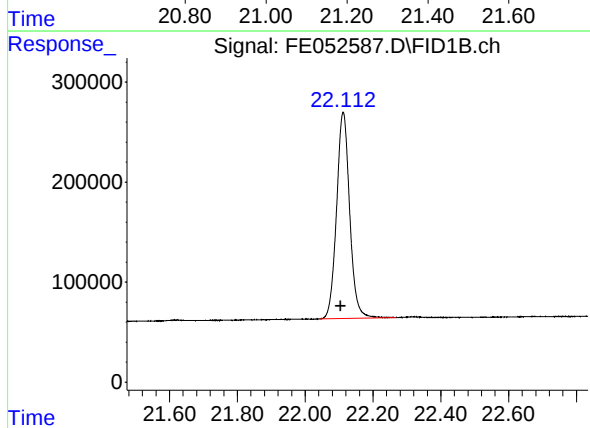
R.T.: 20.446 min
Delta R.T.: 0.002 min
Response: 5501187
Conc: 46.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: 0.005 min
Response: 5538963
Conc: 49.93 ug/ml

Instrument :
FID_E
ClientSampleId :
PB166965BSD



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.008 min
Response: 5536613
Conc: 51.21 ug/ml