

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051864.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 13:45
 Operator : YP\AJ
 Sample : PB165974BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB165974BSD

Integration File: autoint1.e
 Quant Time: Jan 08 22:57:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.122	5582541	38.514 ug/ml
Spiked Amount 50.000		Recovery =	77.03%
12) S 1-chlorooctadecane (S...	13.551	4682213	40.747 ug/ml
Spiked Amount 50.000		Recovery =	81.49%
Target Compounds			
1) T n-Nonane (C9)	3.534	4252530	38.501 ug/ml
2) T n-Decane (C10)	4.774	4637205	40.751 ug/ml
3) T A~Naphthalene (C11.7)	6.477	5567249	43.652 ug/ml
4) T n-Dodecane (C12)	6.925	4945549	42.113 ug/ml
5) T A~2-methylnaphthalene...	7.568	5227406	41.767 ug/ml
6) T n-Tetradecane (C14)	8.750	5158859	43.027 ug/ml
7) T n-Hexadecane (C16)	10.354	5261879	41.118 ug/ml
8) T n-Octadecane (C18)	11.796	5349204	40.200 ug/ml
10) T n-Eicosane (C20)	13.106	5536699	42.079 ug/ml
11) T n-Heneicosane (C21)	13.717	5321825	40.494 ug/ml
13) T n-Docosane (C22)	14.303	5292106	40.340 ug/ml
14) T n-Tetracosane (C24)	15.404	10785179	81.424 ug/ml
15) T n-Hexacosane (C26)	16.427	5101876	38.883 ug/ml
16) T n-Octacosane (C28)	17.375	5037297	39.014 ug/ml
17) T n-Tricontane (C30)	18.261	4985224	37.922 ug/ml
18) T n-Dotriacontane (C32)	19.092	4915331	38.732 ug/ml
19) T n-Tetratriacontane (C34)	19.875	5057520	45.518 ug/ml
20) T n-Hexatriacontane (C36)	20.616	5221066	52.921 ug/ml
21) T n-Octatriacontane (C38)	21.397	5867552	61.973 ug/ml
22) T n-Tetracontane (C40)	22.393	6597685	71.673 ug/ml

(f)=RT Delta > 1/2 Window

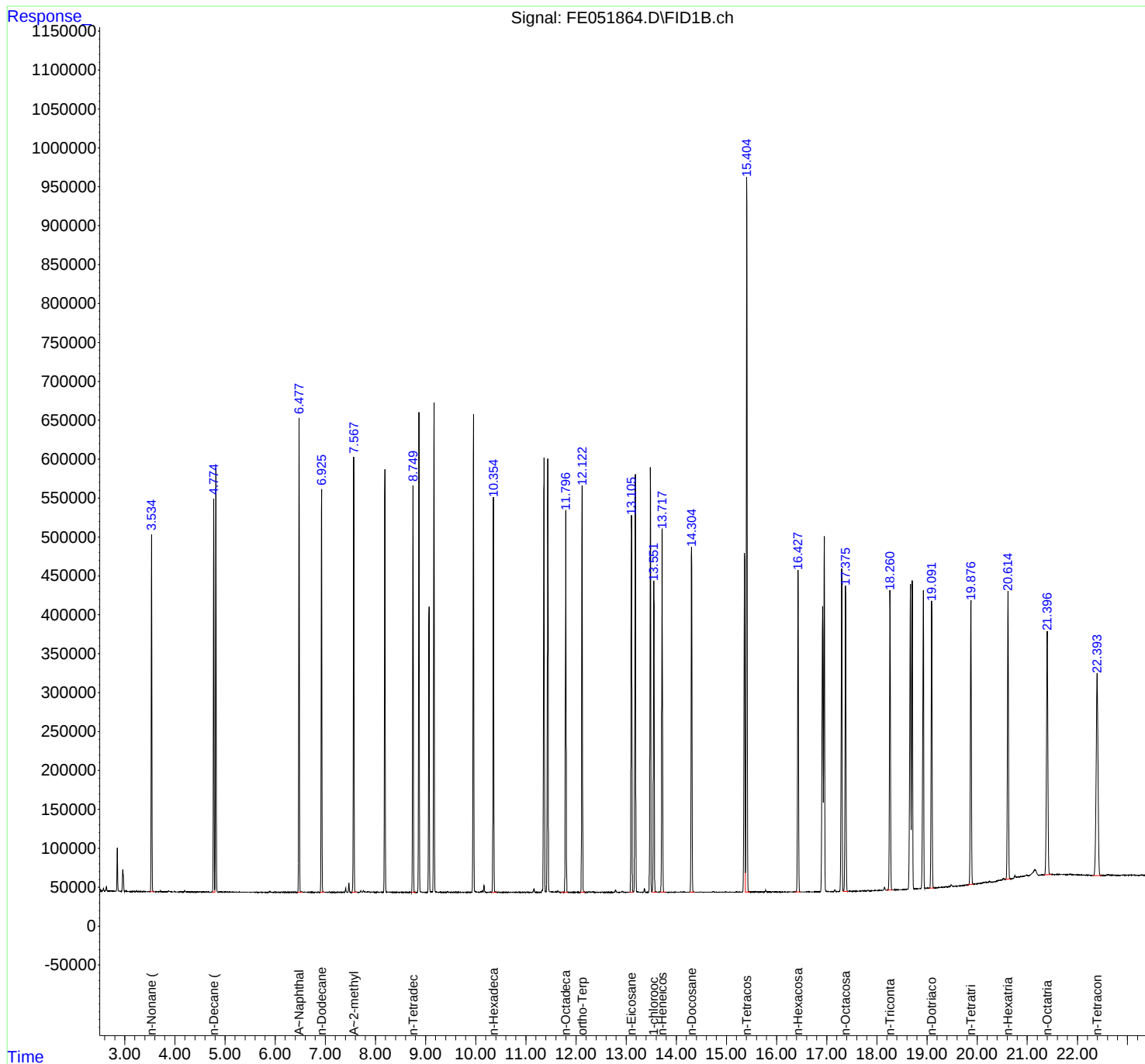
(m)=manual int.

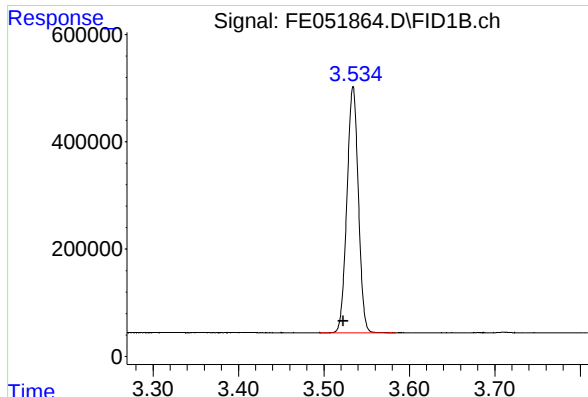
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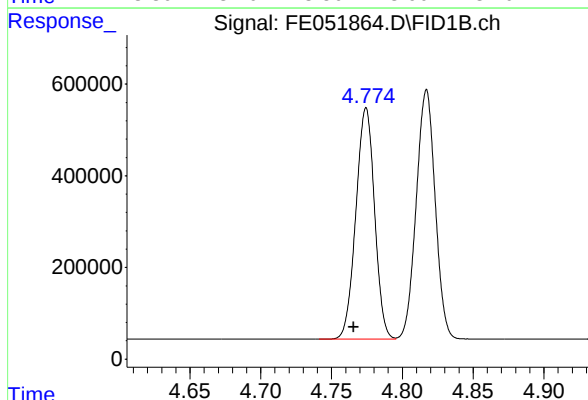




#1 n-Nonane (C9)

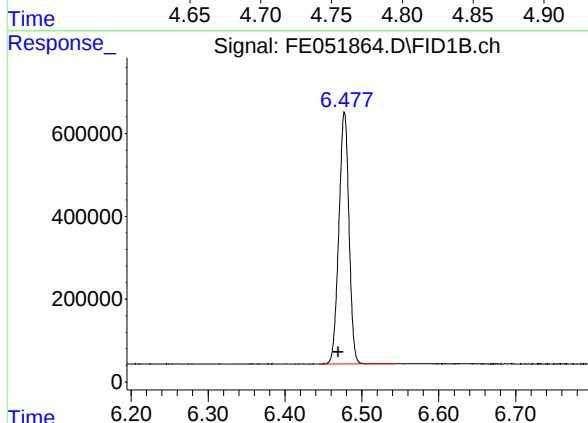
R.T.: 3.534 min
Delta R.T.: 0.011 min
Response: 4252530
Conc: 38.50 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165974BSD



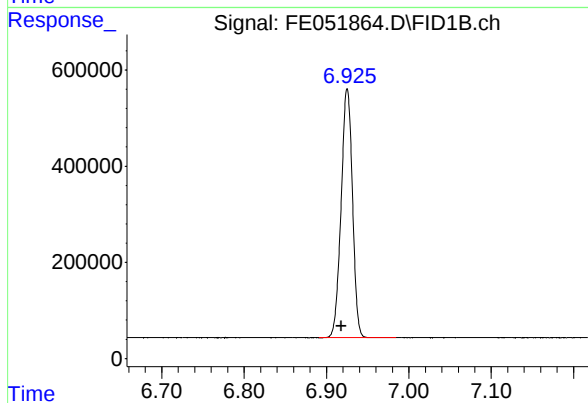
#2 n-Decane (C10)

R.T.: 4.774 min
Delta R.T.: 0.009 min
Response: 4637205
Conc: 40.75 ug/ml



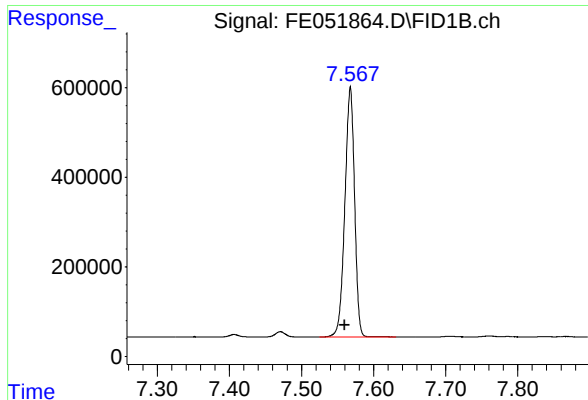
#3 A~Naphthalene (C11.7)

R.T.: 6.477 min
Delta R.T.: 0.008 min
Response: 5567249
Conc: 43.65 ug/ml



#4 n-Dodecane (C12)

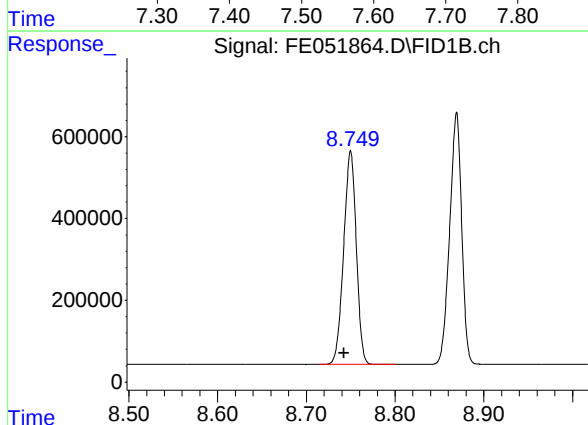
R.T.: 6.925 min
Delta R.T.: 0.007 min
Response: 4945549
Conc: 42.11 ug/ml



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

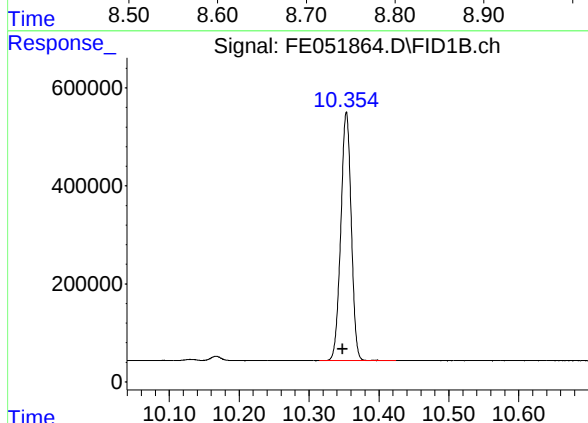
R.T.: 7.568 min
Delta R.T.: 0.008 min
Response: 5227406
Conc: 41.77 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165974BSD



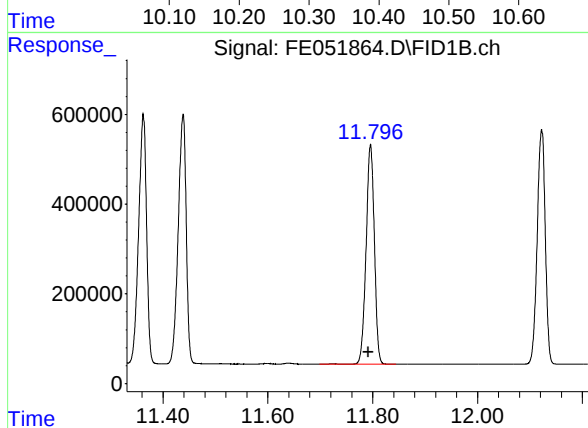
#6 n-Tetradecane (C14)

R.T.: 8.750 min
Delta R.T.: 0.008 min
Response: 5158859
Conc: 43.03 ug/ml



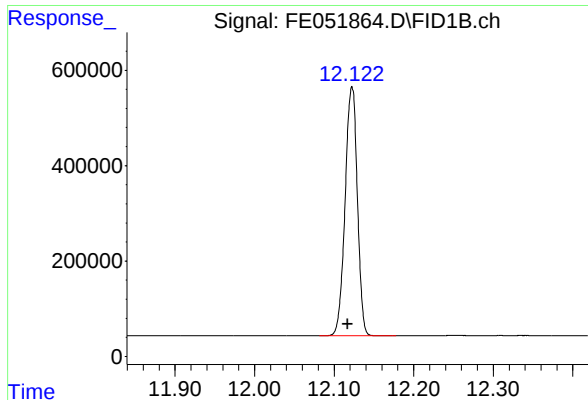
#7 n-Hexadecane (C16)

R.T.: 10.354 min
Delta R.T.: 0.005 min
Response: 5261879
Conc: 41.12 ug/ml



#8 n-Octadecane (C18)

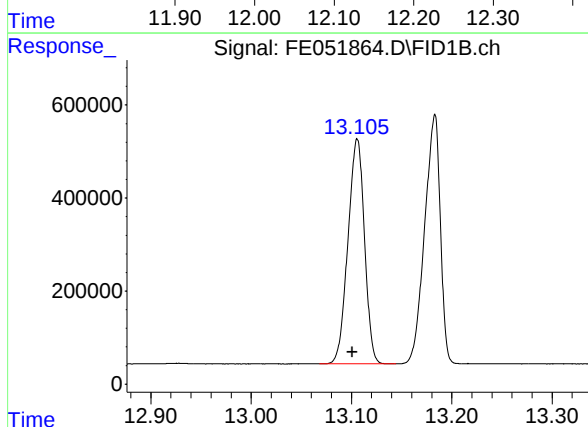
R.T.: 11.796 min
Delta R.T.: 0.004 min
Response: 5349204
Conc: 40.20 ug/ml



#9 ortho-Terphenyl (SURR)

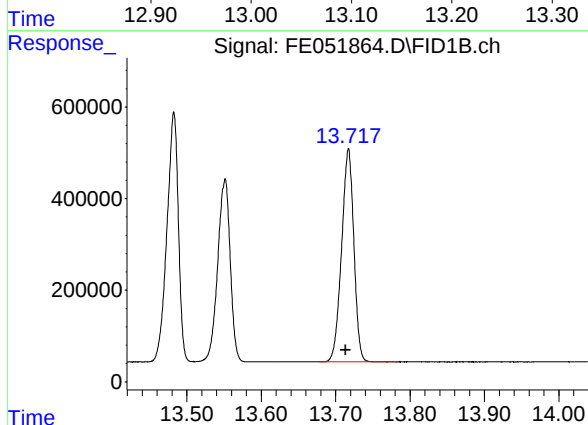
R.T.: 12.122 min
Delta R.T.: 0.005 min
Response: 5582541
Conc: 38.51 ug/ml

Instrument :
FID_E
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PB165974BSD



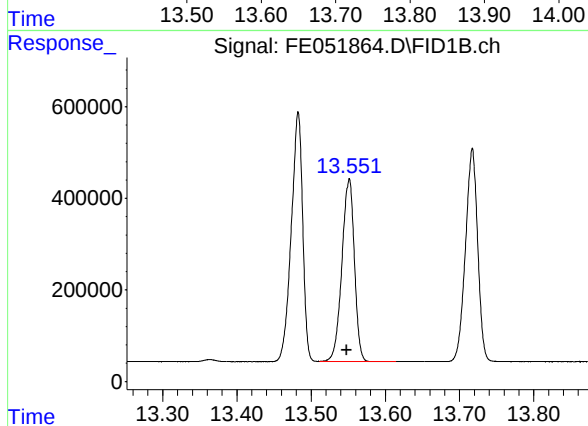
#10 n-Eicosane (C20)

R.T.: 13.106 min
Delta R.T.: 0.005 min
Response: 5536699
Conc: 42.08 ug/ml



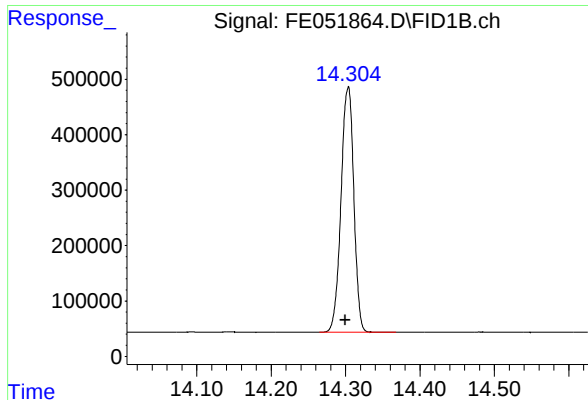
#11 n-Heneicosane (C21)

R.T.: 13.717 min
Delta R.T.: 0.004 min
Response: 5321825
Conc: 40.49 ug/ml



#12 1-chlorooctadecane (SURR)

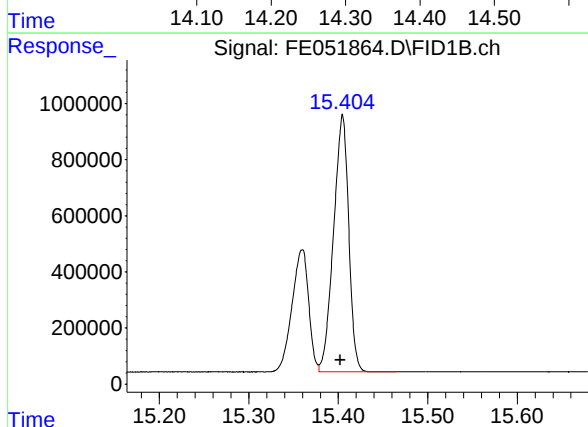
R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 4682213
Conc: 40.75 ug/ml



#13 n-Docosane (C22)

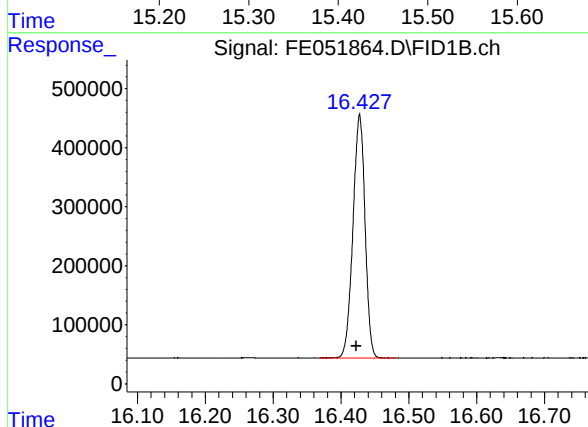
R.T.: 14.303 min
Delta R.T.: 0.004 min
Response: 5292106
Conc: 40.34 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165974BSD



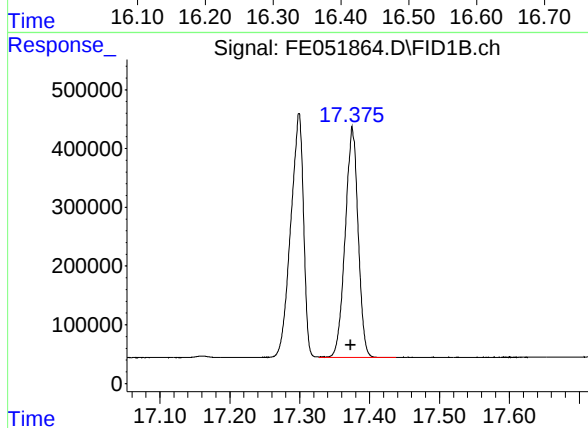
#14 n-Tetracosane (C24)

R.T.: 15.404 min
Delta R.T.: 0.002 min
Response: 10785179
Conc: 81.42 ug/ml



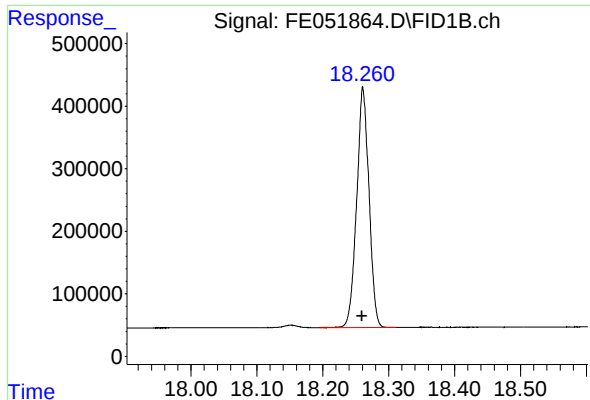
#15 n-Hexacosane (C26)

R.T.: 16.427 min
Delta R.T.: 0.005 min
Response: 5101876
Conc: 38.88 ug/ml



#16 n-Octacosane (C28)

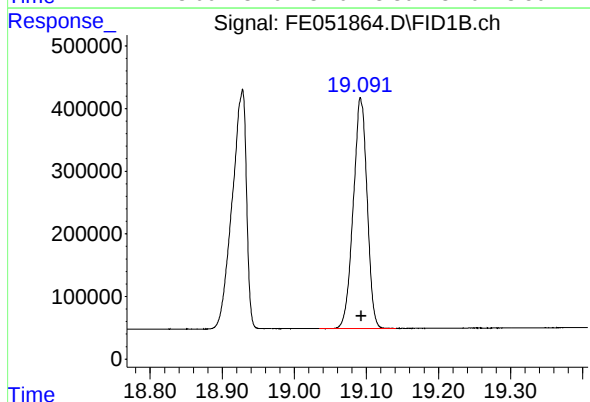
R.T.: 17.375 min
Delta R.T.: 0.002 min
Response: 5037297
Conc: 39.01 ug/ml



#17 n-Tricontane (C30)

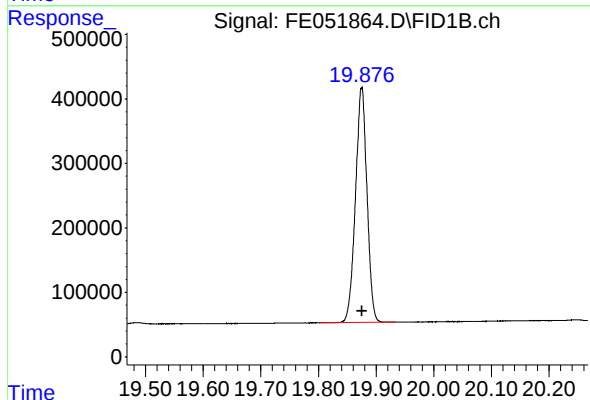
R.T.: 18.261 min
Delta R.T.: 0.002 min
Response: 4985224
Conc: 37.92 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165974BSD



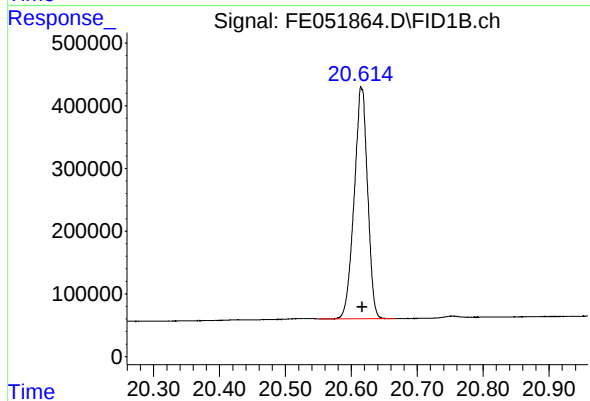
#18 n-Dotriacontane (C32)

R.T.: 19.092 min
Delta R.T.: 0.000 min
Response: 4915331
Conc: 38.73 ug/ml



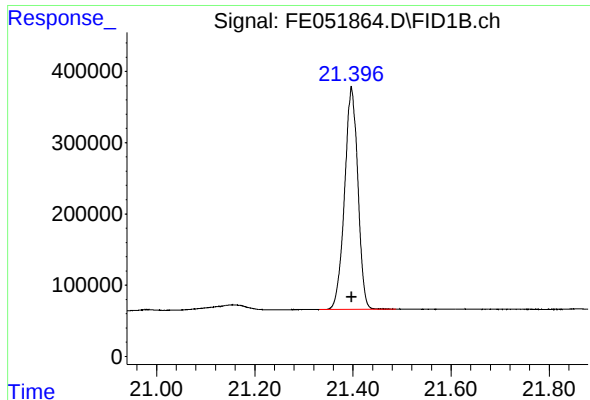
#19 n-Tetatriacontane (C34)

R.T.: 19.875 min
Delta R.T.: 0.000 min
Response: 5057520
Conc: 45.52 ug/ml



#20 n-Hexatriacontane (C36)

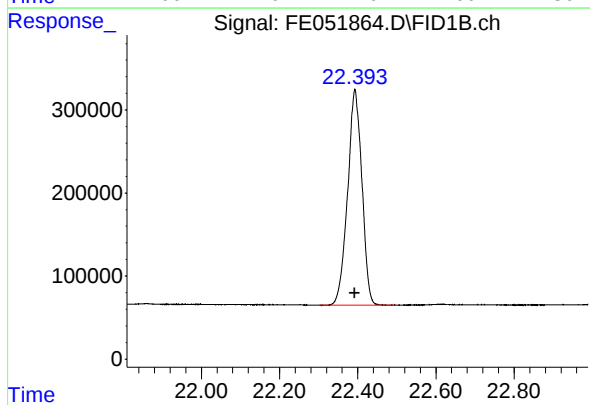
R.T.: 20.616 min
Delta R.T.: 0.000 min
Response: 5221066
Conc: 52.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.000 min
Response: 5867552
Conc: 61.97 ug/ml

Instrument :
FID_E
ClientSampleId :
PB165974BSD



#22 n-Tetracontane (C40)

R.T.: 22.393 min
Delta R.T.: 0.000 min
Response: 6597685
Conc: 71.67 ug/ml