

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
 Data File : FE041993.D
 Signal(s) : FID1B.ch
 Acq On : 18 May 2023 16:20
 Operator : YP\AJ
 Sample : PB152876BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152876BSD

Integration File: autoint1.e
 Quant Time: May 19 01:41:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.969	7695942	43.584 ug/ml
Spiked Amount 50.000		Recovery =	87.17%
12) S 1-chlorooctadecane (S...	13.404	6234670	46.920 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
Target Compounds			
1) T n-Nonane (C9)	3.357	5028206	34.870 ug/ml
2) T n-Decane (C10)	4.605	5474625	36.982 ug/ml
3) T A~Naphthalene (C11.7)	6.307	6441055	39.477 ug/ml
4) T n-Dodecane (C12)	6.768	6197688	41.331 ug/ml
5) T A~2-methylnaphthalene...	7.404	6516881	41.063 ug/ml
6) T n-Tetradecane (C14)	8.599	6776462	45.235 ug/ml
7) T n-Hexadecane (C16)	10.206	7284649	46.765 ug/ml
8) T n-Octadecane (C18)	11.649	7319098	46.284 ug/ml
10) T n-Eicosane (C20)	12.959	7276109	48.001 ug/ml
11) T n-Heneicosane (C21)	13.571	6958724	46.970 ug/ml
13) T n-Docosane (C22)	14.157	6822265	46.537 ug/ml
14) T n-Tetracosane (C24)	15.250	12654202	87.660 ug/ml
15) T n-Hexacosane (C26)	16.283	6297929	45.473 ug/ml
16) T n-Octacosane (C28)	17.230	6100908	45.569 ug/ml
17) T n-Tricontane (C30)	18.119	6011301	44.531 ug/ml
18) T n-Dotriacontane (C32)	18.950	5880091	44.016 ug/ml
19) T n-Tetratriacontane (C34)	19.734	5975961	45.441 ug/ml
20) T n-Hexatriacontane (C36)	20.473	5832476	44.874 ug/ml
21) T n-Octatriacontane (C38)	21.224	6039824	44.518 ug/ml
22) T n-Tetracontane (C40)	22.160	6273725	45.096 ug/ml

(f)=RT Delta > 1/2 Window

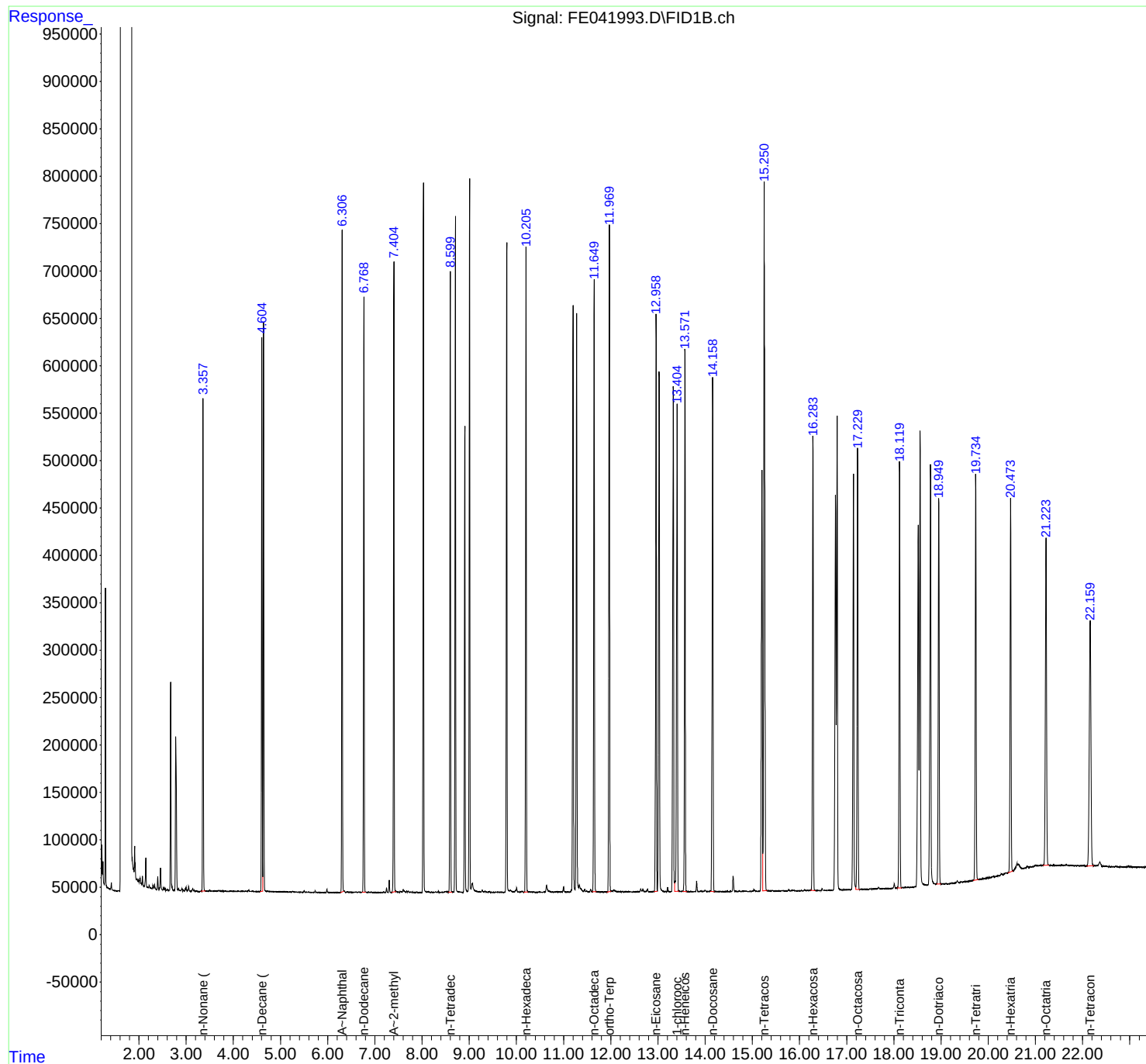
(m)=manual int.

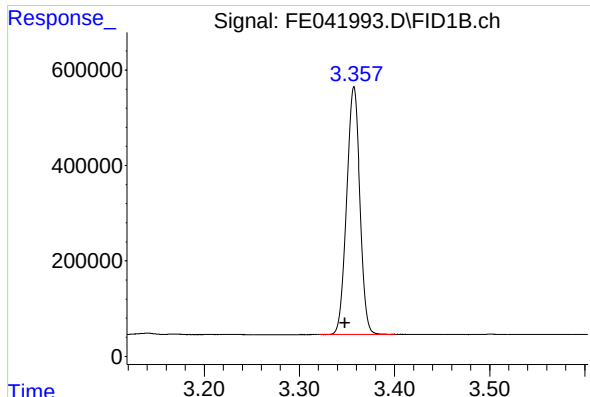
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051923AL\
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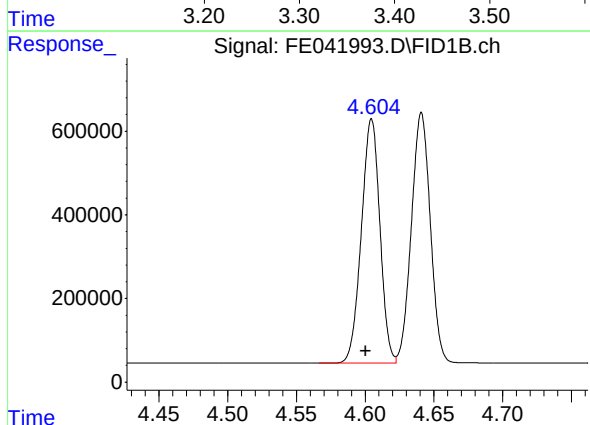




#1 n-Nonane (C9)

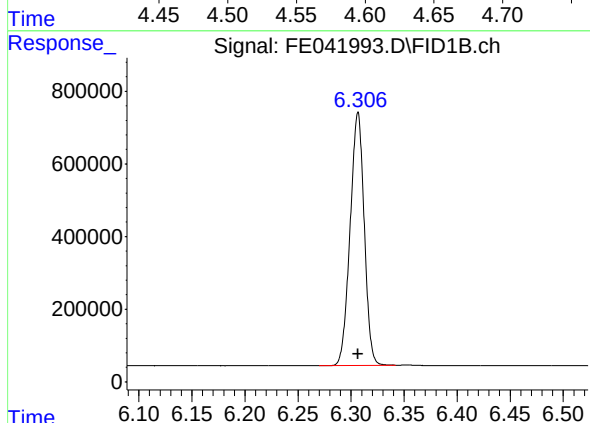
R.T.: 3.357 min
Delta R.T.: 0.009 min
Response: 5028206
Conc: 34.87 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152876BSD



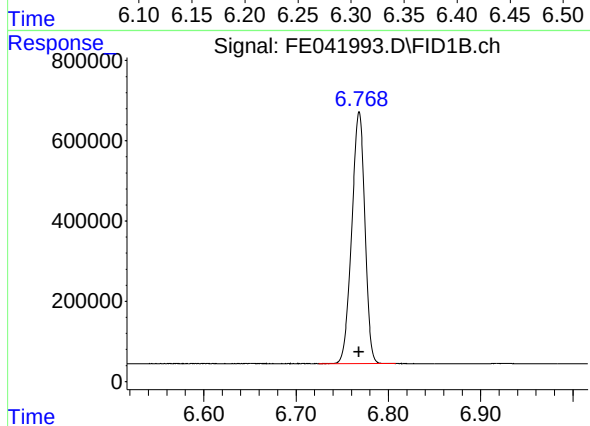
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.004 min
Response: 5474625
Conc: 36.98 ug/ml



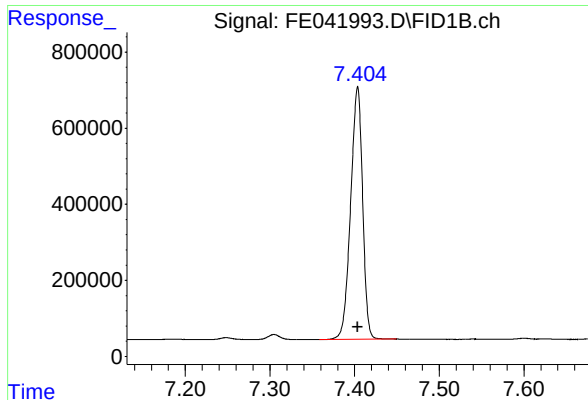
#3 A~Naphthalene (C11.7)

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 6441055
Conc: 39.48 ug/ml



#4 n-Dodecane (C12)

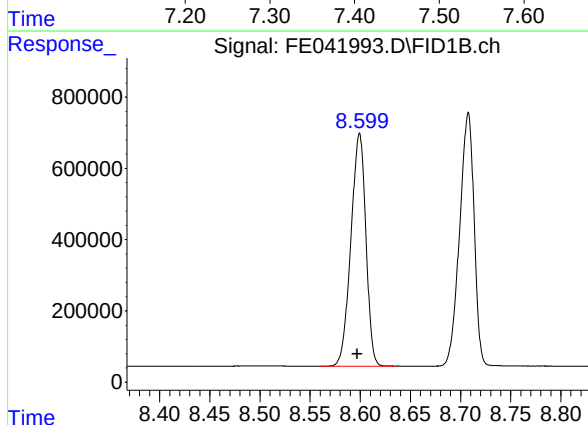
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 6197688
Conc: 41.33 ug/ml



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

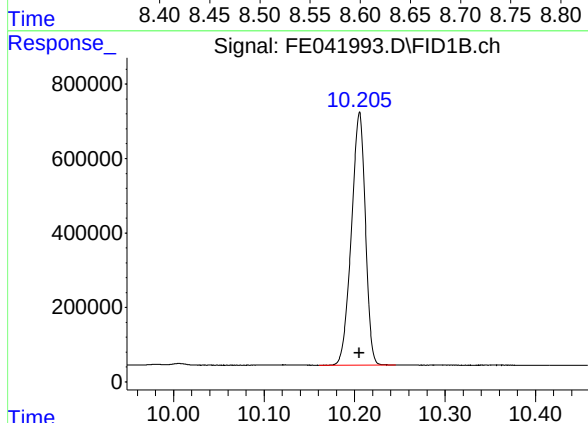
R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 6516881
Conc: 41.06 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152876BSD



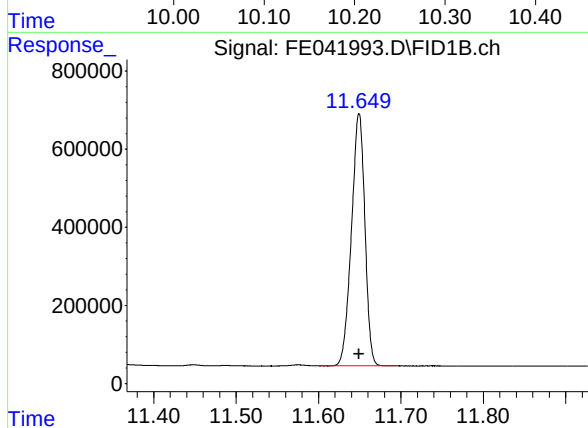
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: 0.002 min
Response: 6776462
Conc: 45.23 ug/ml



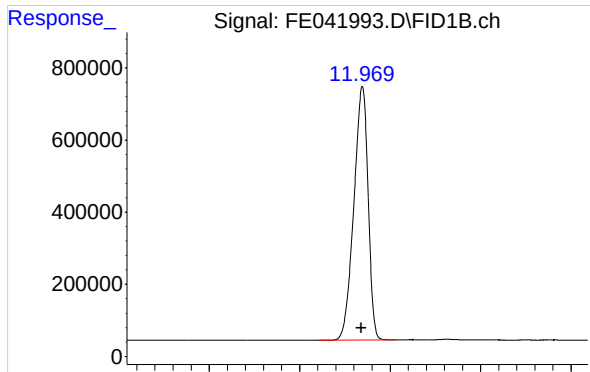
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: 0.000 min
Response: 7284649
Conc: 46.77 ug/ml



#8 n-Octadecane (C18)

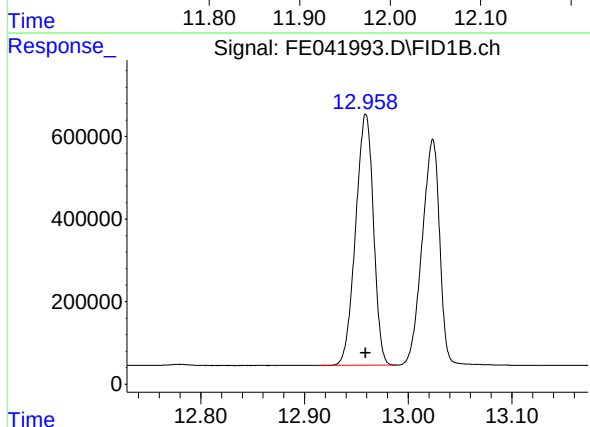
R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 7319098
Conc: 46.28 ug/ml



#9 ortho-Terphenyl (SURR)

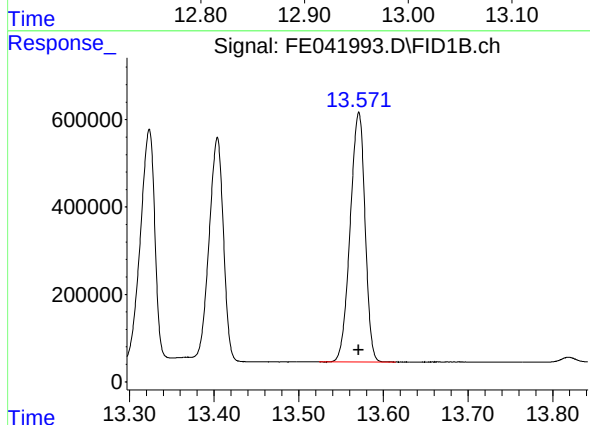
R.T.: 11.969 min
Delta R.T.: 0.001 min
Response: 7695942
Conc: 43.58 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152876BSD



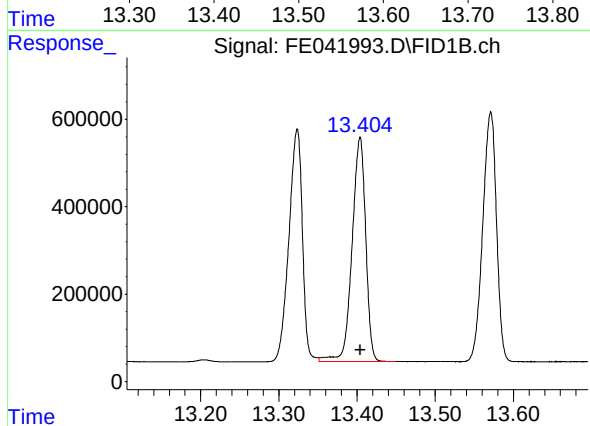
#10 n-Eicosane (C20)

R.T.: 12.959 min
Delta R.T.: 0.000 min
Response: 7276109
Conc: 48.00 ug/ml



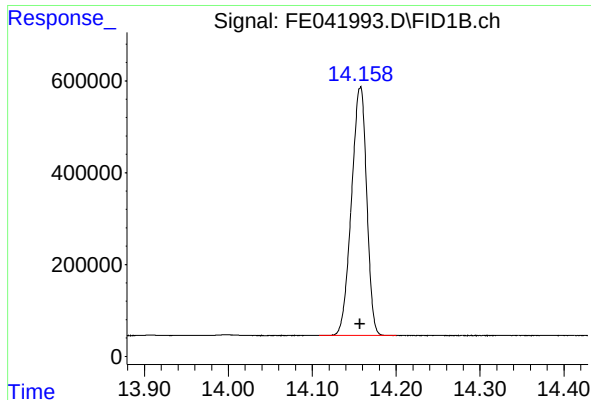
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: 0.000 min
Response: 6958724
Conc: 46.97 ug/ml



#12 1-chlorooctadecane (SURR)

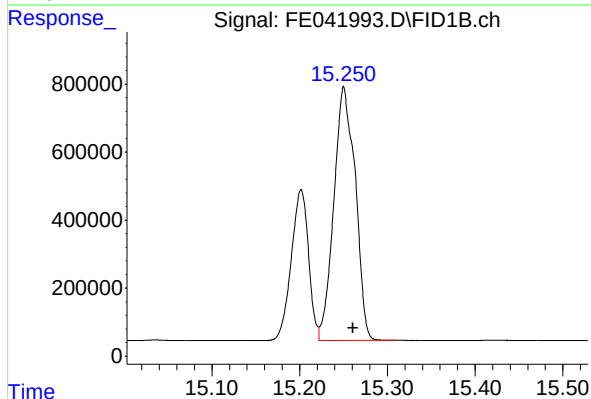
R.T.: 13.404 min
Delta R.T.: 0.000 min
Response: 6234670
Conc: 46.92 ug/ml



#13 n-Docosane (C22)

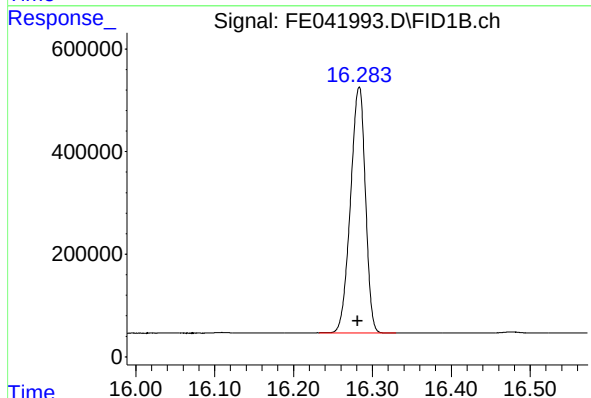
R.T.: 14.157 min
Delta R.T.: 0.000 min
Response: 6822265
Conc: 46.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152876BSD



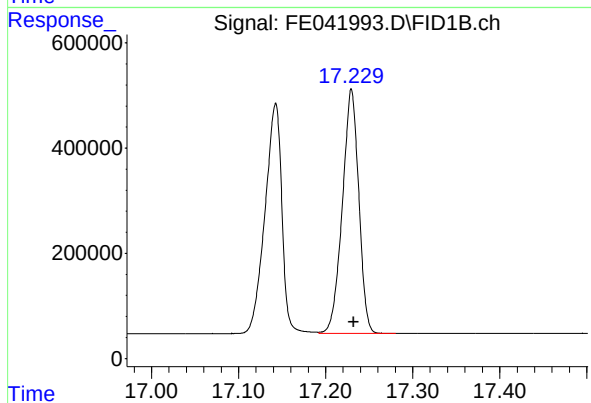
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.011 min
Response: 12654202
Conc: 87.66 ug/ml



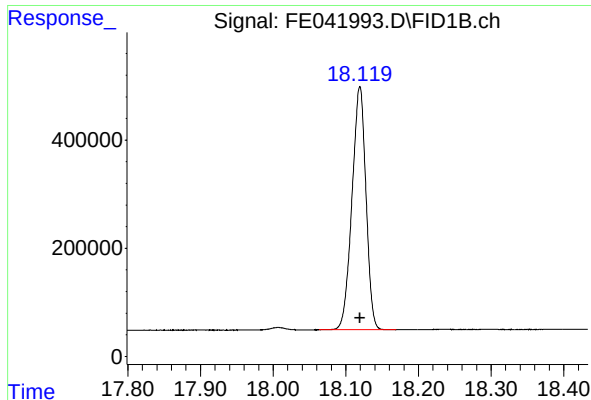
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: 0.002 min
Response: 6297929
Conc: 45.47 ug/ml



#16 n-Octacosane (C28)

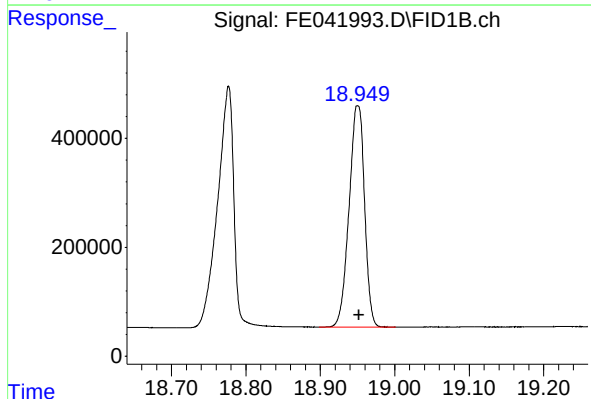
R.T.: 17.230 min
Delta R.T.: -0.003 min
Response: 6100908
Conc: 45.57 ug/ml



#17 n-Tricontane (C30)

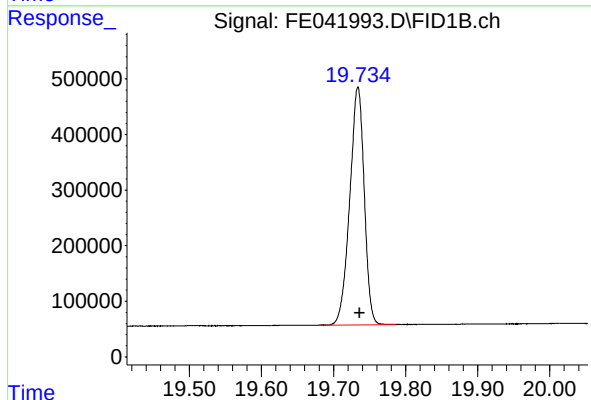
R.T.: 18.119 min
Delta R.T.: 0.000 min
Response: 6011301
Conc: 44.53 ug/ml

Instrument :
FID_E
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PB152876BSD



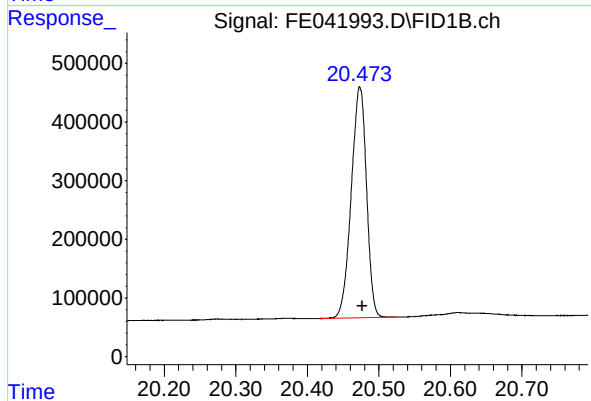
#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.002 min
Response: 5880091
Conc: 44.02 ug/ml



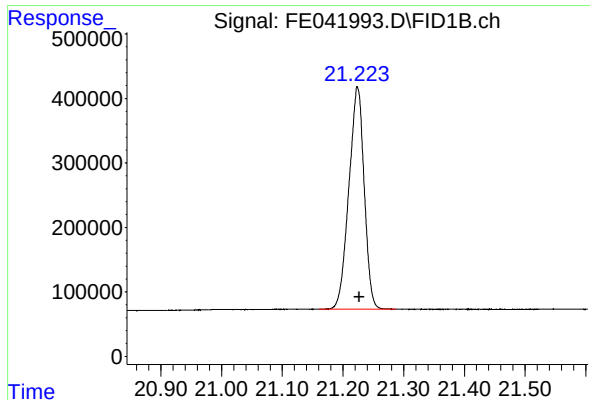
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.003 min
Response: 5975961
Conc: 45.44 ug/ml



#20 n-Hexatriacontane (C36)

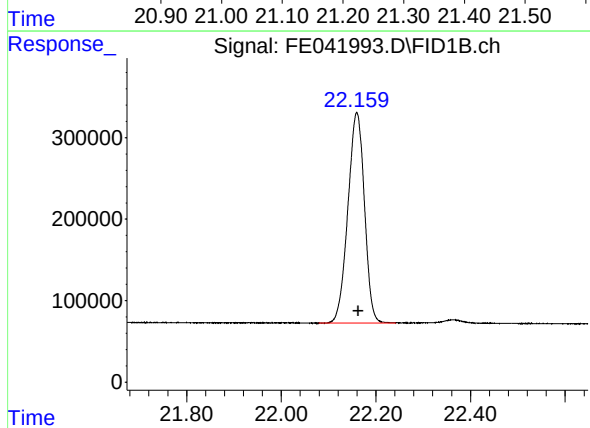
R.T.: 20.473 min
Delta R.T.: -0.003 min
Response: 5832476
Conc: 44.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.003 min
Response: 6039824
Conc: 44.52 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152876BSD



#22 n-Tetracontane (C40)

R.T.: 22.160 min
Delta R.T.: -0.003 min
Response: 6273725
Conc: 45.10 ug/ml