

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054098.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 15:02
 Operator : YP\AJ
 Sample : PB168210BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168210BS

Integration File: autoint1.e
 Quant Time: May 30 22:55:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.842	6450287	39.691 ug/ml
Spiked Amount 50.000		Recovery =	79.38%
12) S 1-chlorooctadecane (S...	13.287	5248938	44.276 ug/ml
Spiked Amount 50.000		Recovery =	88.55%
Target Compounds			
1) T n-Nonane (C9)	3.193	4682869	34.649 ug/ml
2) T n-Decane (C10)	4.453	4899463	36.257 ug/ml
3) T A~Naphthalene (C11.7)	6.164	6036135	42.001 ug/ml
4) T n-Dodecane (C12)	6.632	5233816	38.369 ug/ml
5) T A~2-methylnaphthalene...	7.266	5622873	40.537 ug/ml
6) T n-Tetradecane (C14)	8.468	5365617	39.760 ug/ml
7) T n-Hexadecane (C16)	10.079	5528606	40.973 ug/ml
8) T n-Octadecane (C18)	11.528	5485467	40.736 ug/ml
10) T n-Eicosane (C20)	12.842	5717262	43.501 ug/ml
11) T n-Heneicosane (C21)	13.455	5462187	42.132 ug/ml
13) T n-Docosane (C22)	14.042	5417731	42.467 ug/ml
14) T n-Tetracosane (C24)	15.141	11270958	90.084 ug/ml
15) T n-Hexacosane (C26)	16.173	5251077	42.883 ug/ml
16) T n-Octacosane (C28)	17.123	5370088	44.175 ug/ml
17) T n-Tricontane (C30)	18.014	5157298	41.403 ug/ml
18) T n-Dotriacontane (C32)	18.846	5070540	40.547 ug/ml
19) T n-Tetratriacontane (C34)	19.633	5228175	43.889 ug/ml
20) T n-Hexatriacontane (C36)	20.374	5361472	46.304 ug/ml
21) T n-Octatriacontane (C38)	21.104	5526477	50.783 ug/ml
22) T n-Tetracontane (C40)	21.998	5375786	54.175 ug/ml

(f)=RT Delta > 1/2 Window

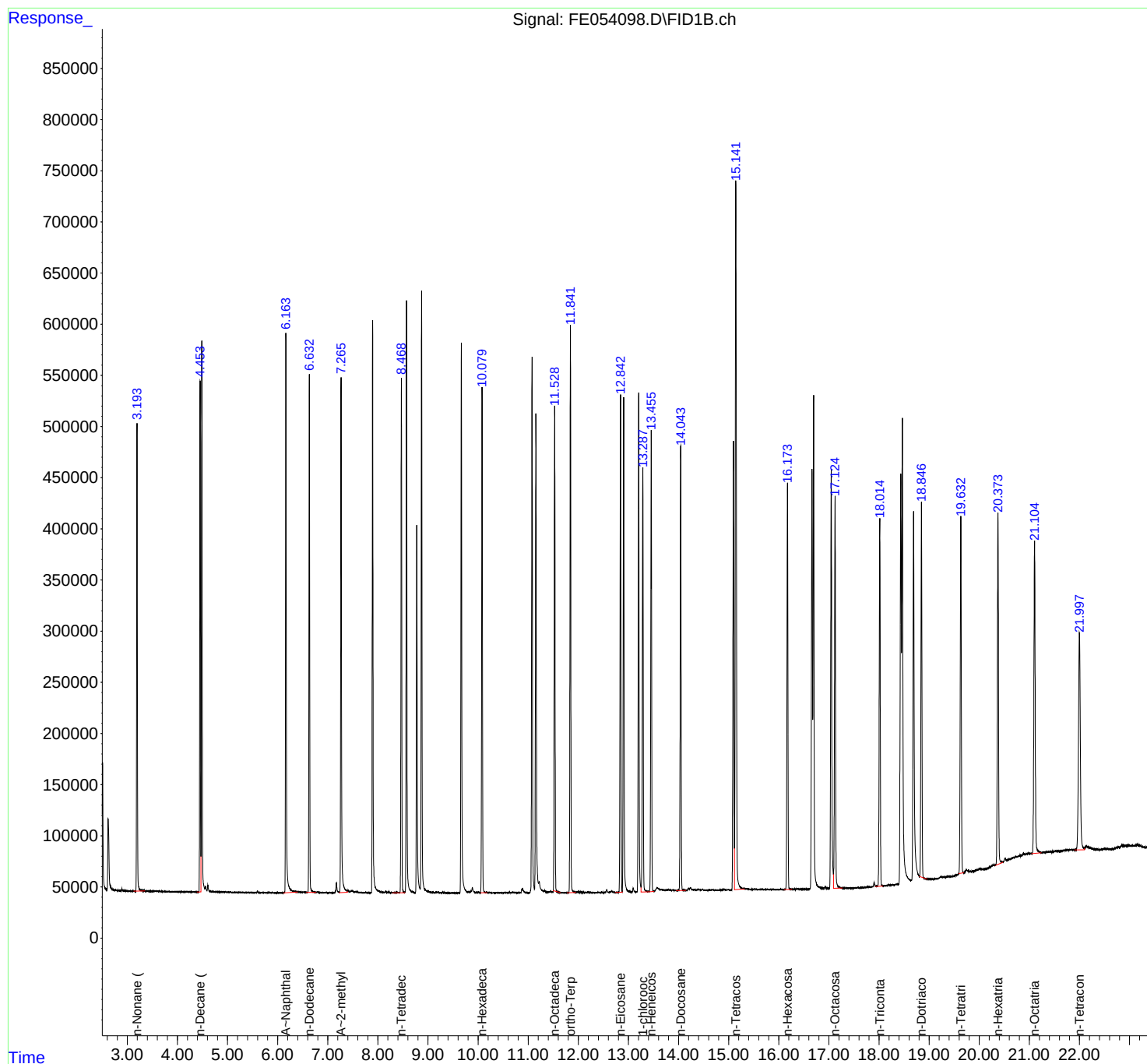
(m)=manual int.

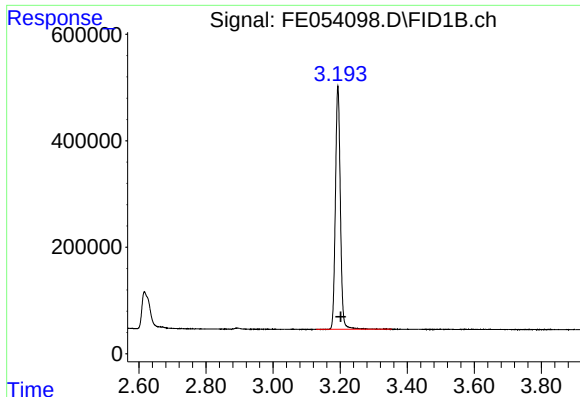
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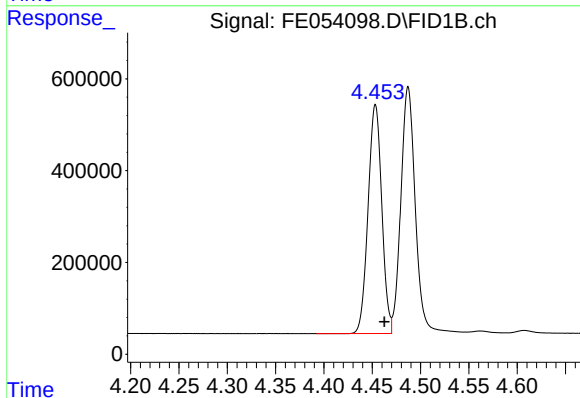




#1 n-Nonane (C9)

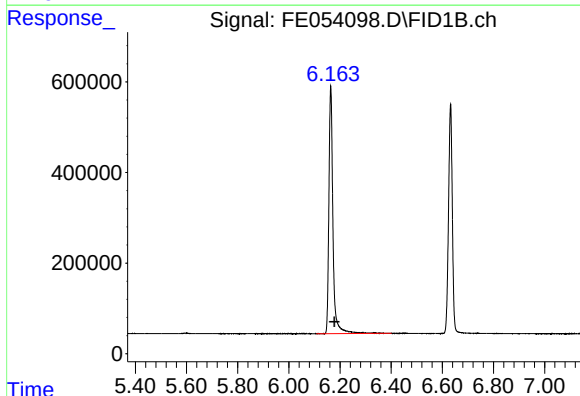
R.T.: 3.193 min
Delta R.T.: -0.009 min
Response: 4682869
Conc: 34.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168210BS



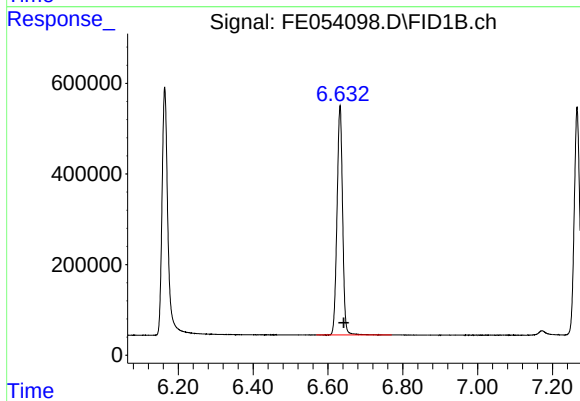
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.009 min
Response: 4899463
Conc: 36.26 ug/ml



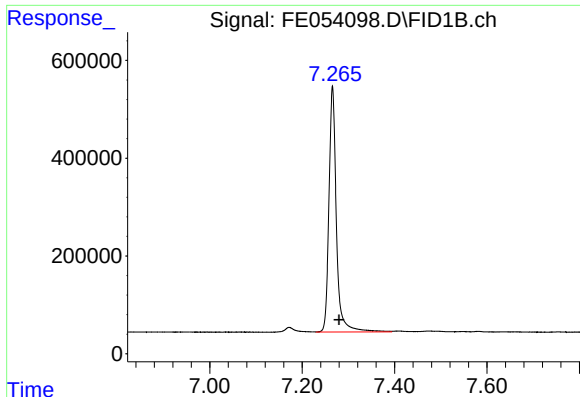
#3 A~Naphthalene (C11.7)

R.T.: 6.164 min
Delta R.T.: -0.014 min
Response: 6036135
Conc: 42.00 ug/ml



#4 n-Dodecane (C12)

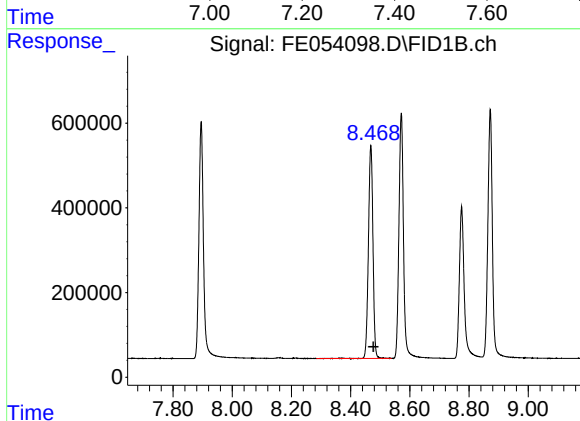
R.T.: 6.632 min
Delta R.T.: -0.010 min
Response: 5233816
Conc: 38.37 ug/ml



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

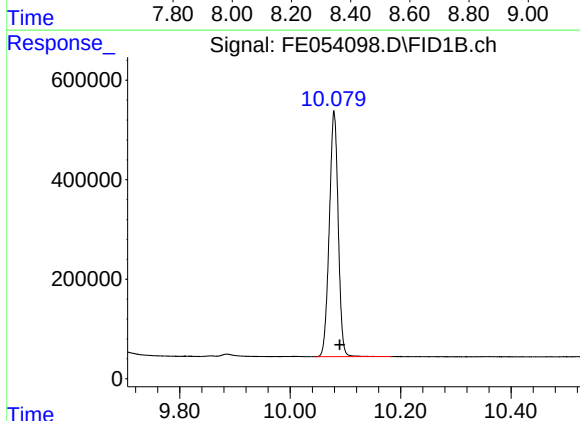
R.T.: 7.266 min
Delta R.T.: -0.015 min
Response: 5622873
Conc: 40.54 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168210BS



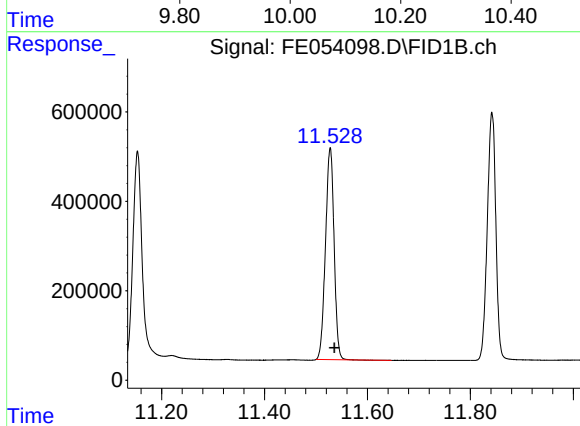
#6 n-Tetradecane (C14)

R.T.: 8.468 min
Delta R.T.: -0.009 min
Response: 5365617
Conc: 39.76 ug/ml



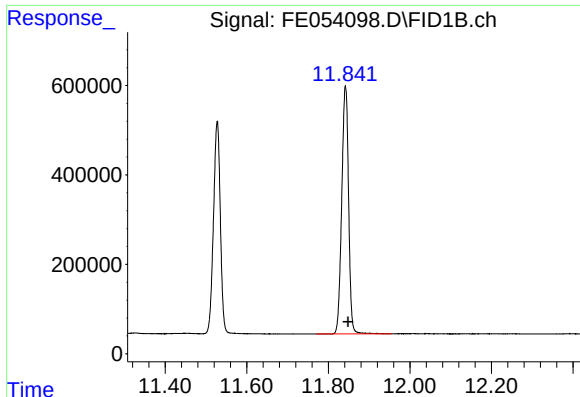
#7 n-Hexadecane (C16)

R.T.: 10.079 min
Delta R.T.: -0.010 min
Response: 5528606
Conc: 40.97 ug/ml



#8 n-Octadecane (C18)

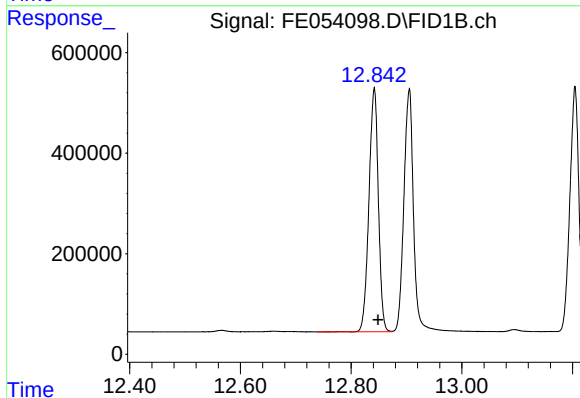
R.T.: 11.528 min
Delta R.T.: -0.008 min
Response: 5485467
Conc: 40.74 ug/ml



#9 ortho-Terphenyl (SURR)

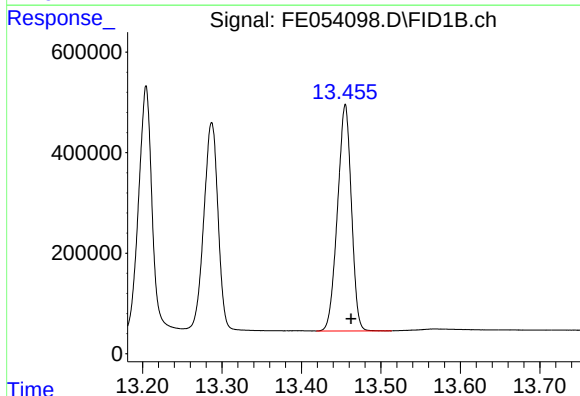
R.T.: 11.842 min
Delta R.T.: -0.007 min
Response: 6450287
Conc: 39.69 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168210BS



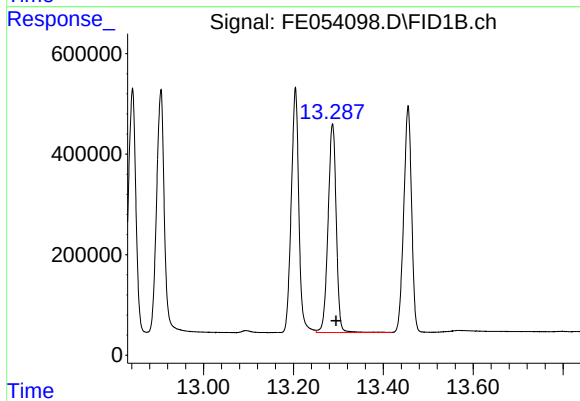
#10 n-Eicosane (C20)

R.T.: 12.842 min
Delta R.T.: -0.007 min
Response: 5717262
Conc: 43.50 ug/ml



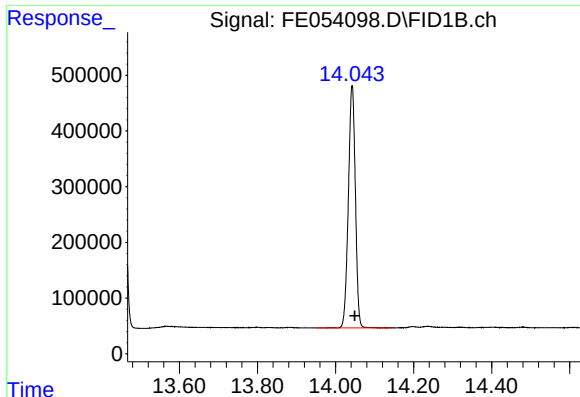
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 5462187
Conc: 42.13 ug/ml



#12 1-chlorooctadecane (SURR)

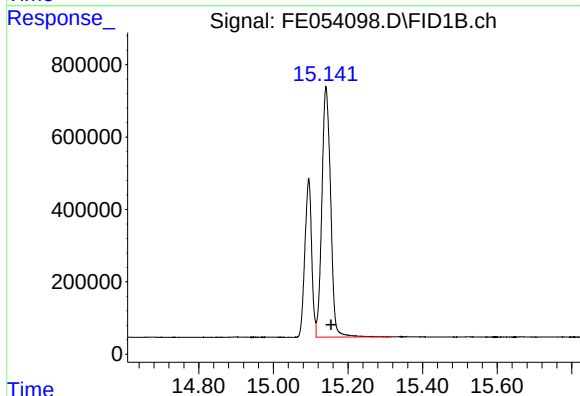
R.T.: 13.287 min
Delta R.T.: -0.008 min
Response: 5248938
Conc: 44.28 ug/ml



#13 n-Docosane (C22)

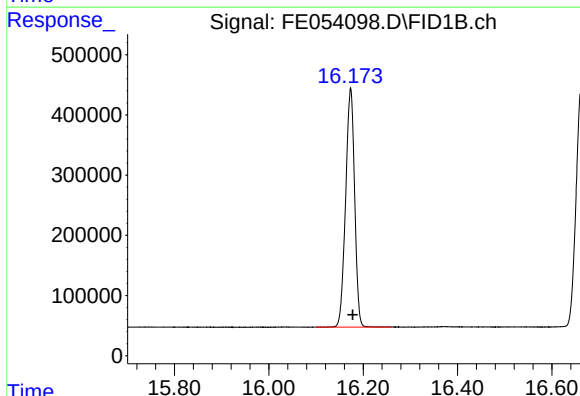
R.T.: 14.042 min
Delta R.T.: -0.007 min
Response: 5417731
Conc: 42.47 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168210BS



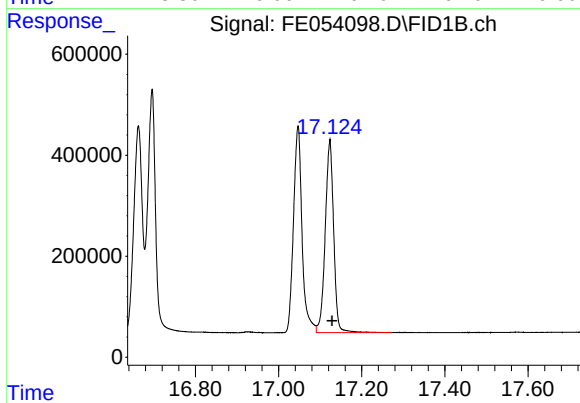
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.014 min
Response: 11270958
Conc: 90.08 ug/ml



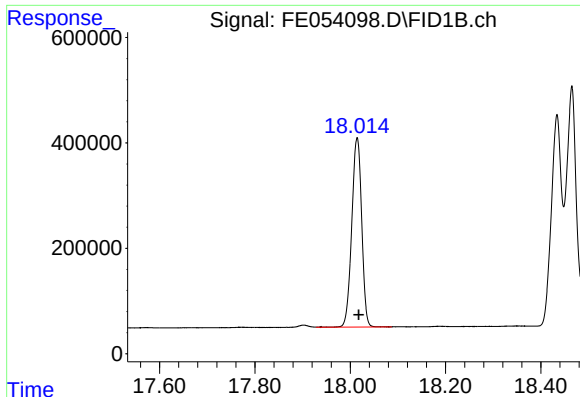
#15 n-Hexacosane (C26)

R.T.: 16.173 min
Delta R.T.: -0.005 min
Response: 5251077
Conc: 42.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 5370088
Conc: 44.18 ug/ml



#17 n-Tricontane (C30)

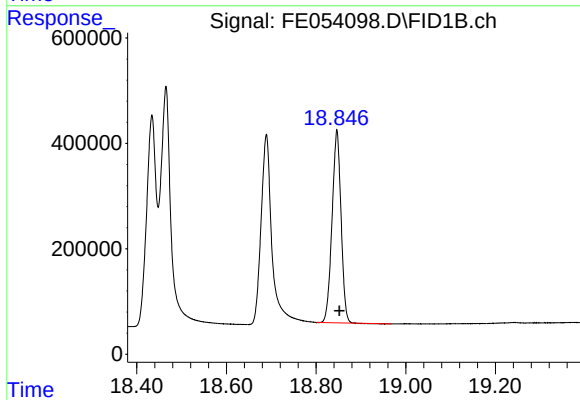
R.T.: 18.014 min
Delta R.T.: -0.003 min
Response: 5157298
Conc: 41.40 ug/ml

Instrument :

FID_E

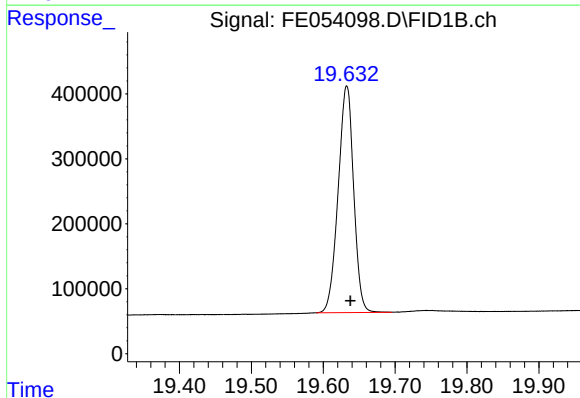
ClientSampleId :

PB168210BS



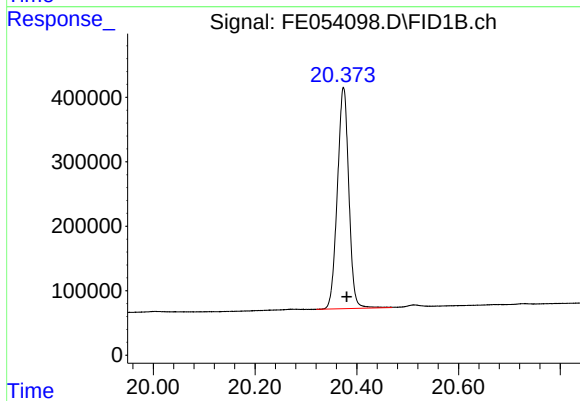
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 5070540
Conc: 40.55 ug/ml



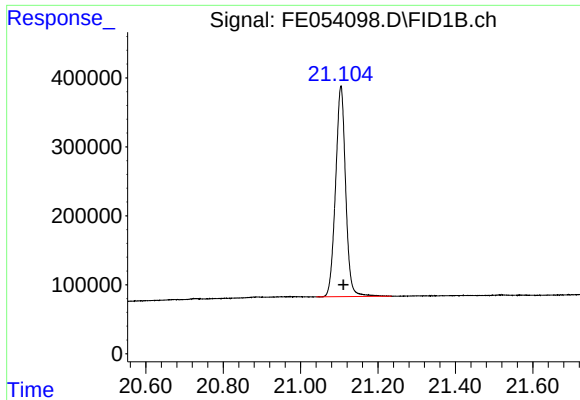
#19 n-Tetratriacontane (C34)

R.T.: 19.633 min
Delta R.T.: -0.005 min
Response: 5228175
Conc: 43.89 ug/ml



#20 n-Hexatriacontane (C36)

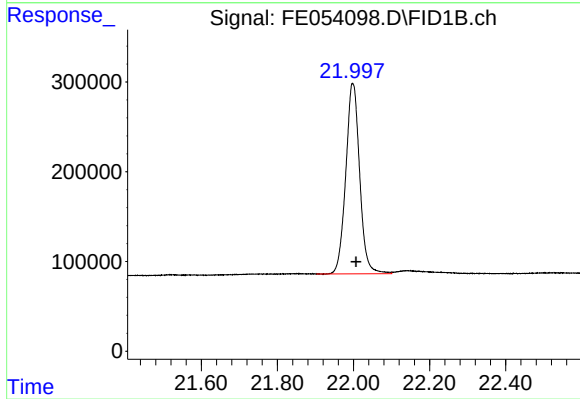
R.T.: 20.374 min
Delta R.T.: -0.006 min
Response: 5361472
Conc: 46.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.007 min
Response: 5526477
Conc: 50.78 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168210BS



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: -0.009 min
Response: 5375786
Conc: 54.17 ug/ml