

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052323AL\
 Data File : FE042155.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2023 21:30
 Operator : YP\AJ
 Sample : 02868-30MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP17-HMS

Integration File: autoint1.e
 Quant Time: May 24 02:36:54 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)	11.957	6052728	34.278 ug/ml
Spiked Amount 50.000		Recovery =	68.56%
12) S 1-chlorooctadecane (S...	13.393	4740014	35.672 ug/ml
Spiked Amount 50.000		Recovery =	71.34%
Target Compounds			
1) T n-Nonane (C9)	3.345	4290794	29.756 ug/ml
2) T n-Decane (C10)	4.595	4849123	32.756 ug/ml
3) T A~Naphthalene (C11.7)	6.297	5491781	33.659 ug/ml
4) T n-Dodecane (C12)	6.760	5235866	34.916 ug/ml
5) T A~2-methylnaphthalene...	7.394	5399456	34.022 ug/ml
6) T n-Tetradecane (C14)	8.589	5473851	36.539 ug/ml
7) T n-Hexadecane (C16)	10.196	6154824	39.512 ug/ml
8) T n-Octadecane (C18)	11.639	6524051	41.256 ug/ml
10) T n-Eicosane (C20)	12.949	6643555	43.828 ug/ml
11) T n-Heneicosane (C21)	13.560	6399089	43.192 ug/ml
13) T n-Docosane (C22)	14.147	6319247	43.106 ug/ml
14) T n-Tetracosane (C24)	15.237	11958296	82.839 ug/ml
15) T n-Hexacosane (C26)	16.272	5937625	42.872 ug/ml
16) T n-Octacosane (C28)	17.219	5651109	42.209 ug/ml
17) T n-Tricontane (C30)	18.108	5490834	40.675 ug/ml
18) T n-Dotriacontane (C32)	18.937	5310929	39.755 ug/ml
19) T n-Tetratriacontane (C34)	19.721	5192627	39.484 ug/ml
20) T n-Hexatriacontane (C36)	20.461	4918366	37.841 ug/ml
21) T n-Octatriacontane (C38)	21.210	4899198	36.110 ug/ml
22) T n-Tetracontane (C40)	22.142	4945151	35.546 ug/ml

(f)=RT Delta > 1/2 Window

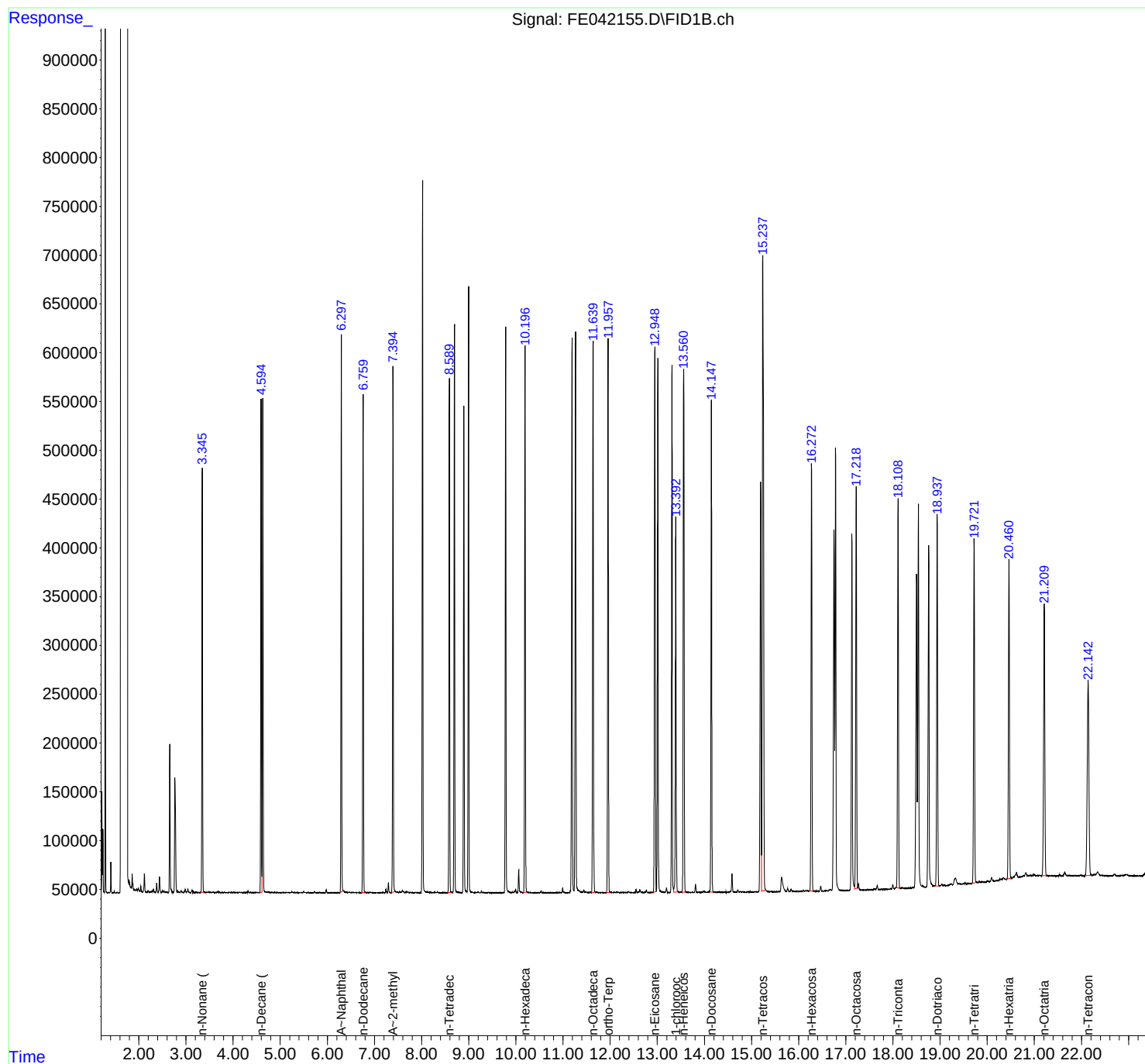
(m)=manual int.

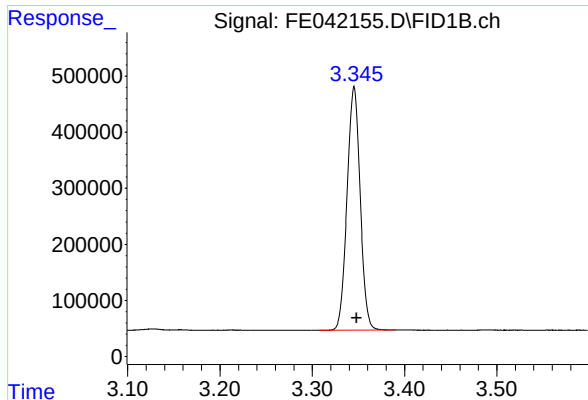
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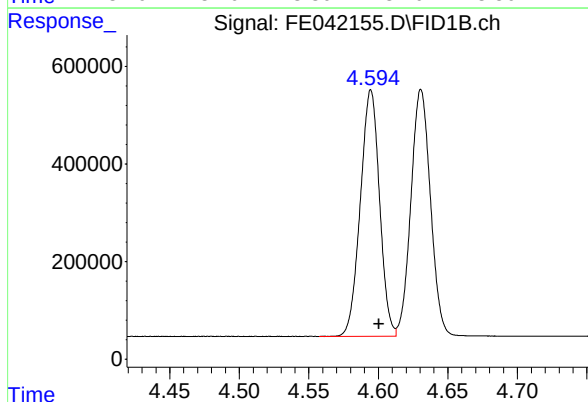




#1 n-Nonane (C9)

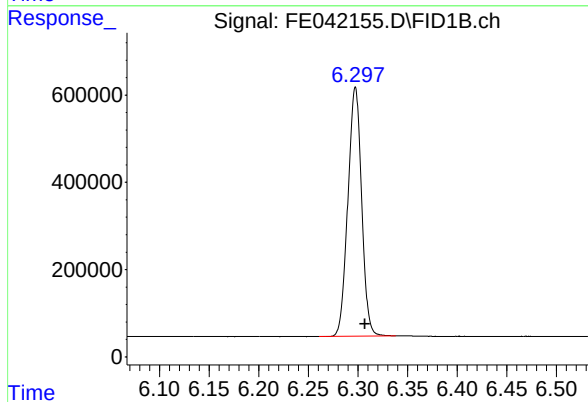
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 4290794
Conc: 29.76 ug/ml

Instrument :
FID_E
ClientSampleId :
TP17-HMS



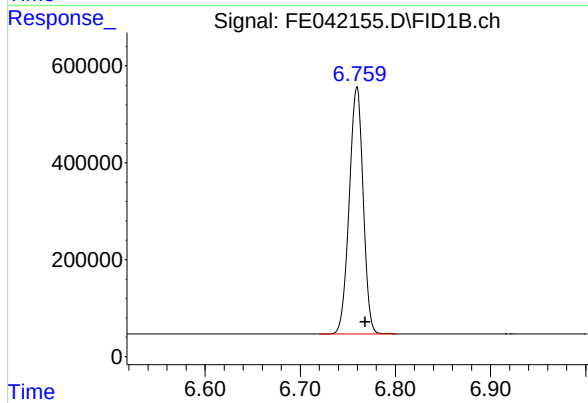
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: -0.006 min
Response: 4849123
Conc: 32.76 ug/ml



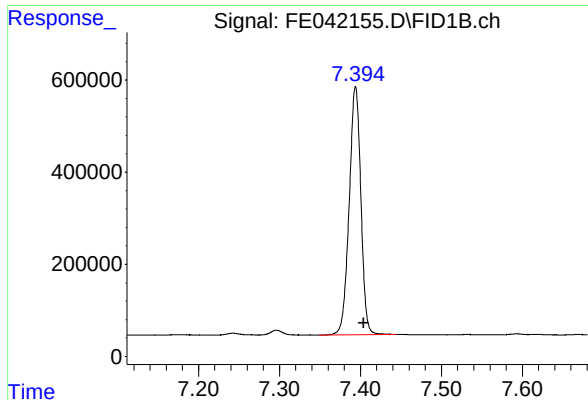
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min
Delta R.T.: -0.009 min
Response: 5491781
Conc: 33.66 ug/ml



#4 n-Dodecane (C12)

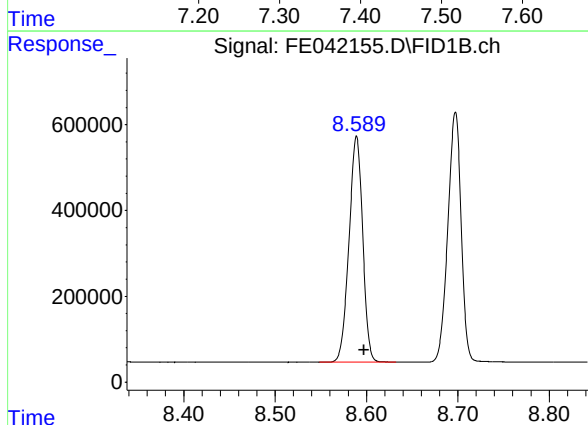
R.T.: 6.760 min
Delta R.T.: -0.009 min
Response: 5235866
Conc: 34.92 ug/ml



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

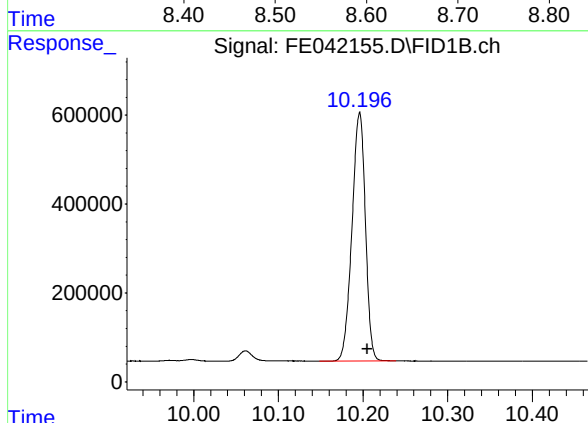
R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 5399456
Conc: 34.02 ug/ml

Instrument :
FID_E
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TP17-HMS



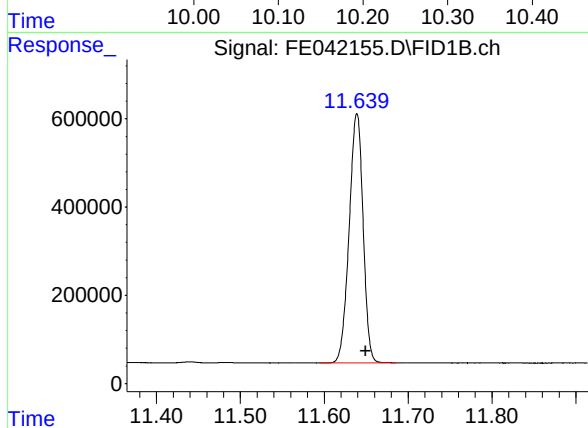
#6 n-Tetradecane (C14)

R.T.: 8.589 min
Delta R.T.: -0.008 min
Response: 5473851
Conc: 36.54 ug/ml



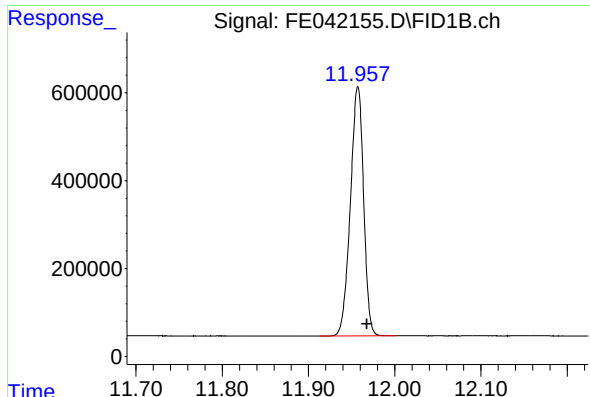
#7 n-Hexadecane (C16)

R.T.: 10.196 min
Delta R.T.: -0.009 min
Response: 6154824
Conc: 39.51 ug/ml



#8 n-Octadecane (C18)

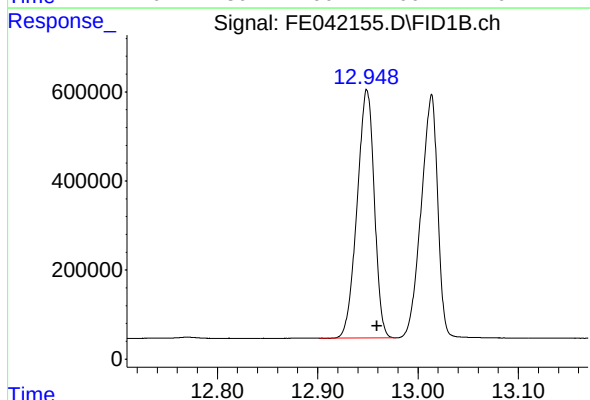
R.T.: 11.639 min
Delta R.T.: -0.010 min
Response: 6524051
Conc: 41.26 ug/ml



#9 ortho-Terphenyl (SURR)

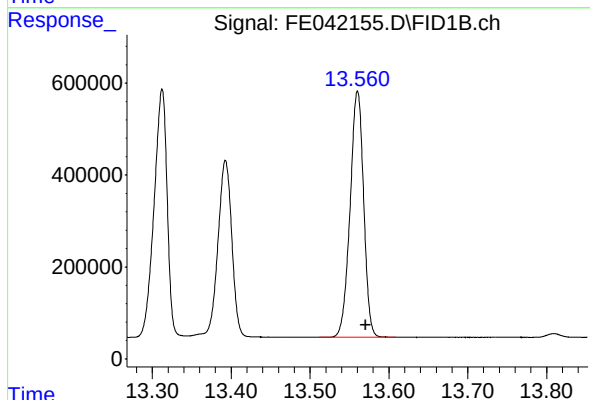
R.T.: 11.957 min
Delta R.T.: -0.011 min
Response: 6052728
Conc: 34.28 ug/ml

Instrument :
FID_E
ClientSampleId :
TP17-HMS



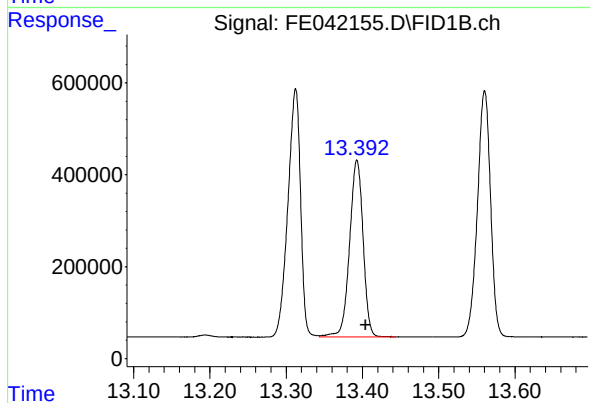
#10 n-Eicosane (C20)

R.T.: 12.949 min
Delta R.T.: -0.010 min
Response: 6643555
Conc: 43.83 ug/ml



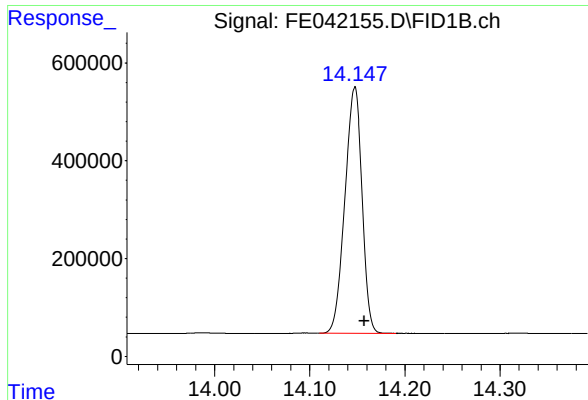
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.011 min
Response: 6399089
Conc: 43.19 ug/ml



#12 1-chlorooctadecane (SURR)

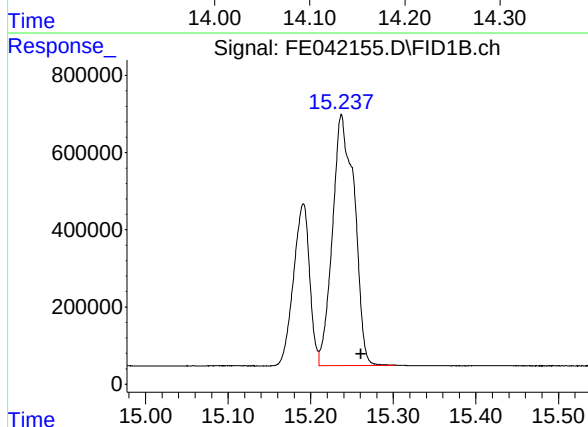
R.T.: 13.393 min
Delta R.T.: -0.011 min
Response: 4740014
Conc: 35.67 ug/ml



#13 n-Docosane (C22)

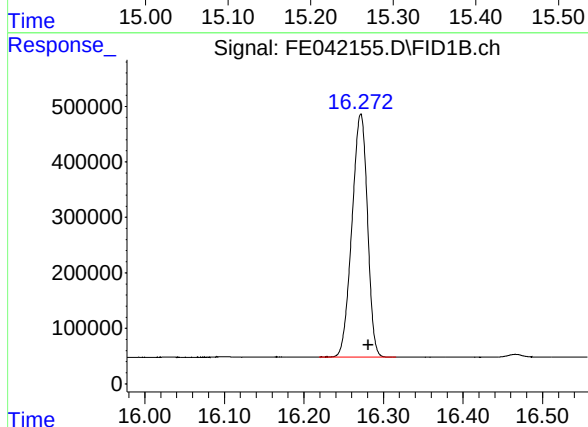
R.T.: 14.147 min
Delta R.T.: -0.010 min
Response: 6319247
Conc: 43.11 ug/ml

Instrument :
FID_E
ClientSampleId :
TP17-HMS



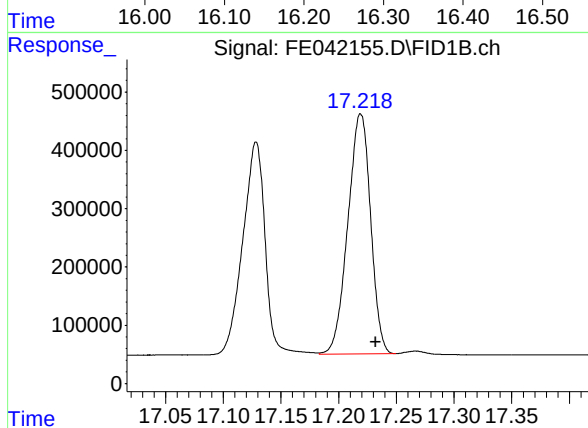
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.024 min
Response: 11958296
Conc: 82.84 ug/ml



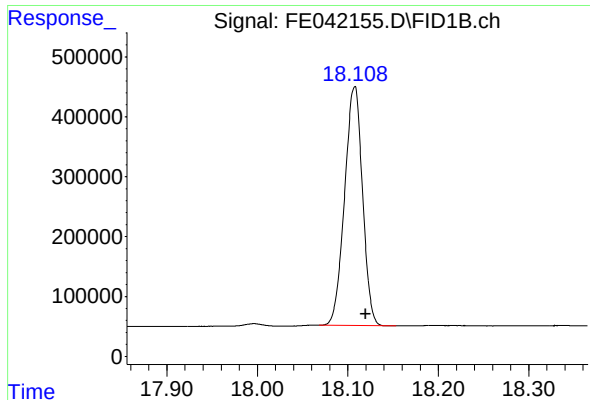
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.010 min
Response: 5937625
Conc: 42.87 ug/ml



#16 n-Octacosane (C28)

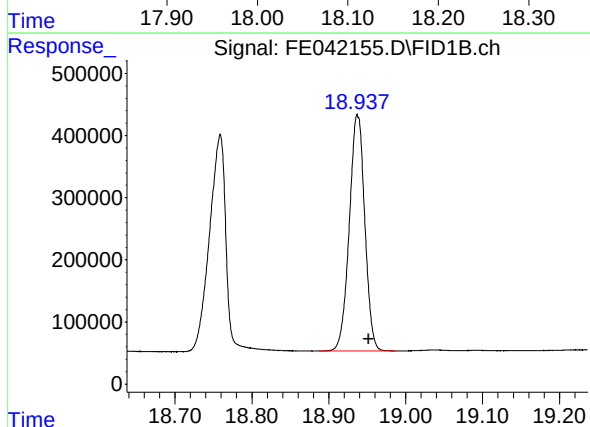
R.T.: 17.219 min
Delta R.T.: -0.013 min
Response: 5651109
Conc: 42.21 ug/ml



#17 n-Tricontane (C30)

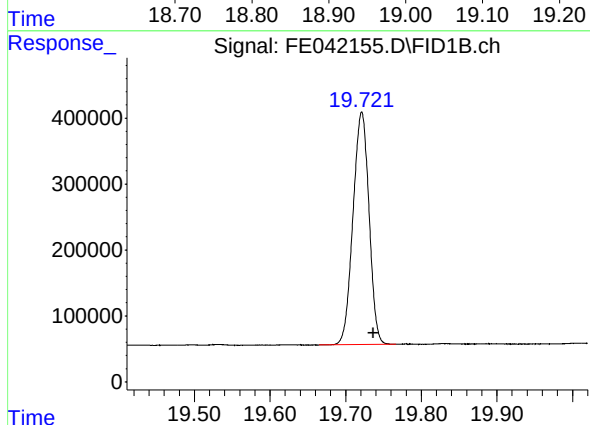
R.T.: 18.108 min
Delta R.T.: -0.012 min
Response: 5490834
Conc: 40.68 ug/ml

Instrument :
FID_E
ClientSampleId :
TP17-HMS



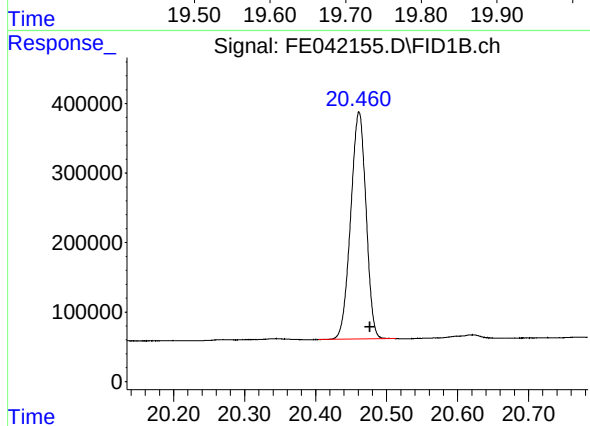
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.015 min
Response: 5310929
Conc: 39.76 ug/ml



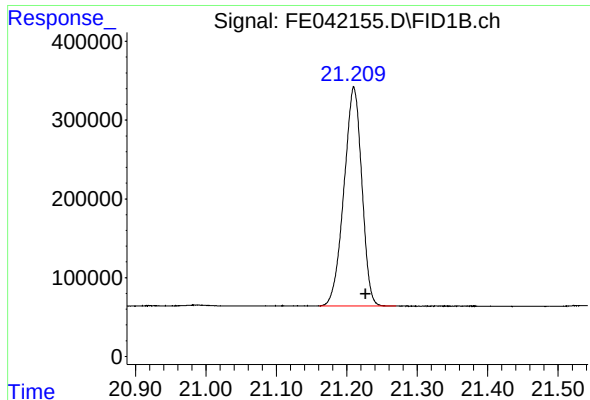
#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.015 min
Response: 5192627
Conc: 39.48 ug/ml



#20 n-Hexatriacontane (C36)

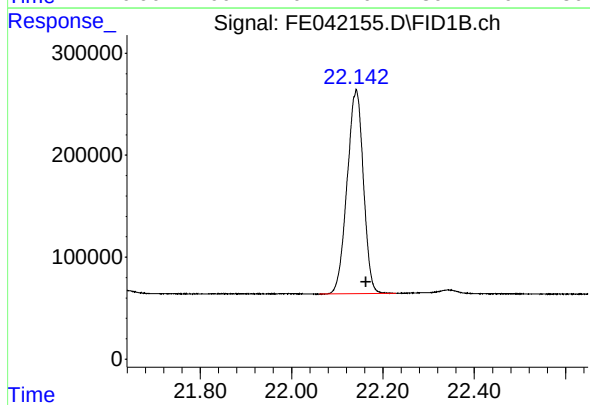
R.T.: 20.461 min
Delta R.T.: -0.016 min
Response: 4918366
Conc: 37.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
Delta R.T.: -0.017 min
Response: 4899198
Conc: 36.11 ug/ml

Instrument :
FID_E
ClientSampleId :
TP17-HMS



#22 n-Tetracontane (C40)

R.T.: 22.142 min
Delta R.T.: -0.021 min
Response: 4945151
Conc: 35.55 ug/ml