

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041923AL\
 Data File : FE041429.D
 Signal(s) : FID1B.ch
 Acq On : 19 Apr 2023 15:07
 Operator : YP\AJ
 Sample : PB152213BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB152213BS

Integration File: sample.E
 Quant Time: Apr 20 01:58:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.836	6861098	36.507 ug/ml
Spiked Amount 50.000		Recovery =	73.01%
12) S 1-chlorooctadecane (S...	13.274	5786112	40.215 ug/ml
Spiked Amount 50.000		Recovery =	80.43%
Target Compounds			
1) T n-Nonane (C9)	3.259	8159029	47.022 ug/ml
2) T n-Decane (C10)	4.494	8351088	49.061 ug/ml
3) T A~Naphthalene (C11.7)	6.186	8739638	47.781 ug/ml
4) T n-Dodecane (C12)	6.648	8657789	49.912 ug/ml
5) T A~2-methylnaphthalene...	7.280	8181141	49.399 ug/ml
6) T n-Tetradecane (C14)	8.474	8537634	48.964 ug/ml
7) T n-Hexadecane (C16)	10.080	8675927	48.781 ug/ml
8) T n-Octadecane (C18)	11.523	8524792	47.744 ug/ml
10) T n-Eicosane (C20)	12.832	8347133	48.936 ug/ml
11) T n-Heneicosane (C21)	13.444	7930186	46.873 ug/ml
13) T n-Docosane (C22)	14.030	7795799	47.109 ug/ml
14) T n-Tetracosane (C24)	15.132	15439591	95.432 ug/ml
15) T n-Hexacosane (C26)	16.158	7484013	48.279 ug/ml
16) T n-Octacosane (C28)	17.108	7805623	50.957 ug/ml
17) T n-Tricontane (C30)	18.001	7437707	48.659 ug/ml
18) T n-Dotriacontane (C32)	18.833	7055986	45.194 ug/ml
19) T n-Tetratriacontane (C34)	19.617	6504566	41.973 ug/ml
20) T n-Hexatriacontane (C36)	20.358	5289620	34.823 ug/ml
21) T n-Octatriacontane (C38)	21.083	4364801	27.940 ug/ml
22) T n-Tetracontane (C40)	21.962	3566816	22.348 ug/ml

(f)=RT Delta > 1/2 Window

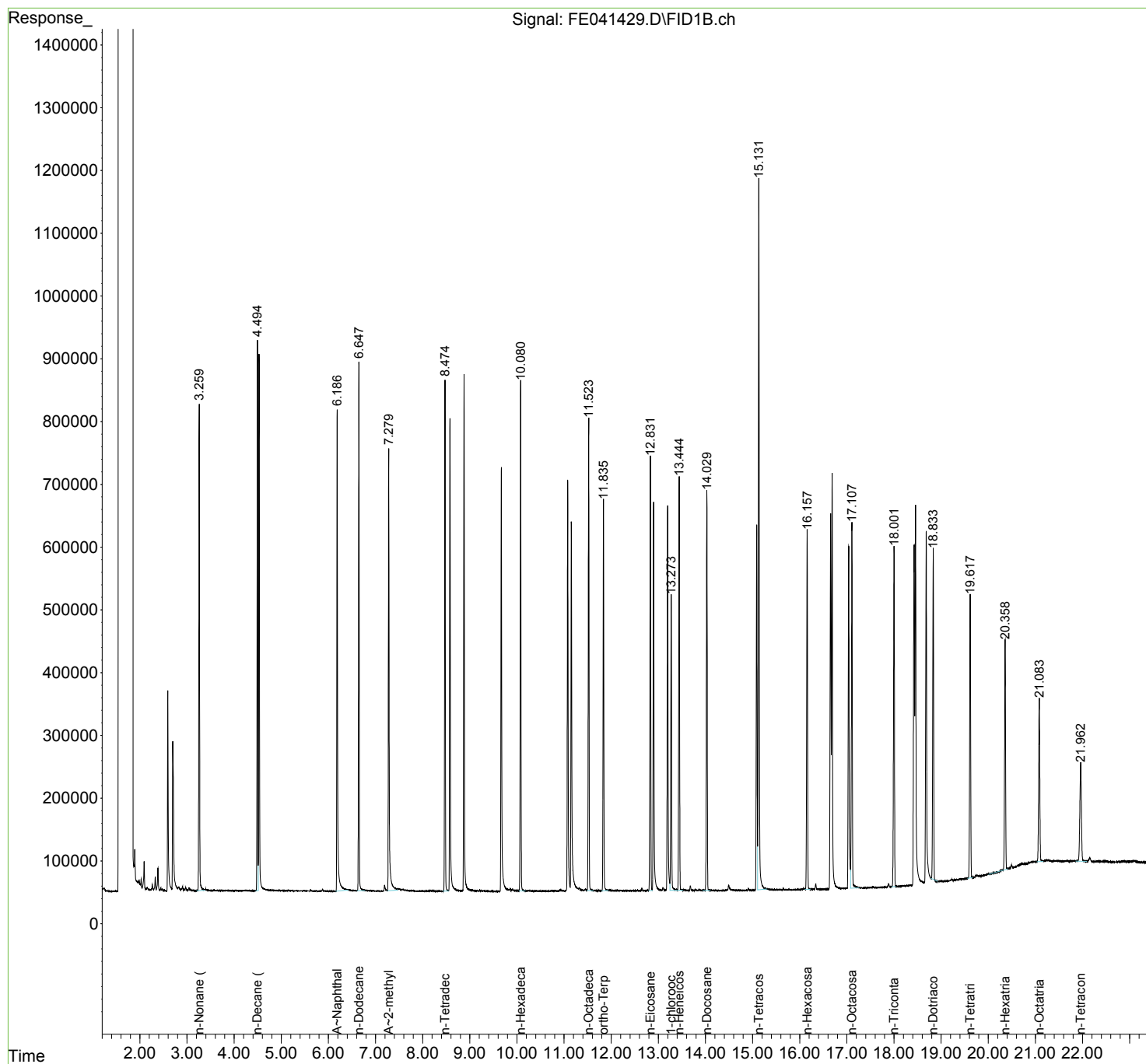
(m)=manual int.

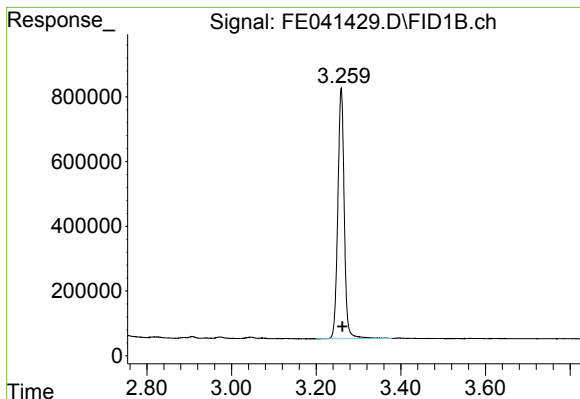
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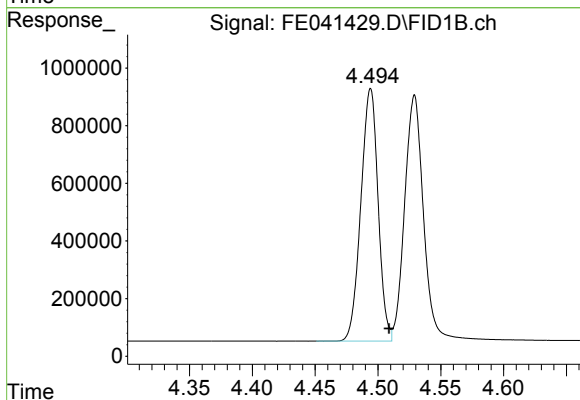




#1 n-Nonane (C9)

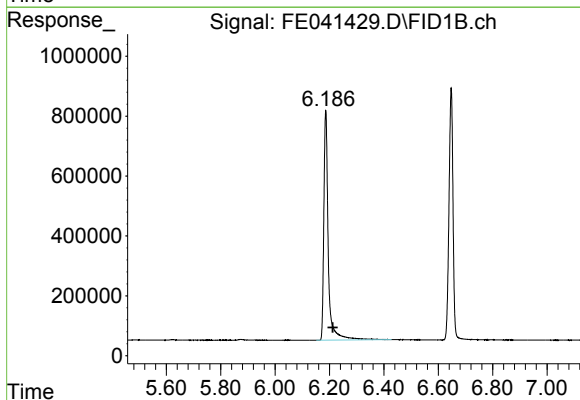
R.T.: 3.259 min
Delta R.T.: -0.003 min
Response: 8159029
Conc: 47.02 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152213BS



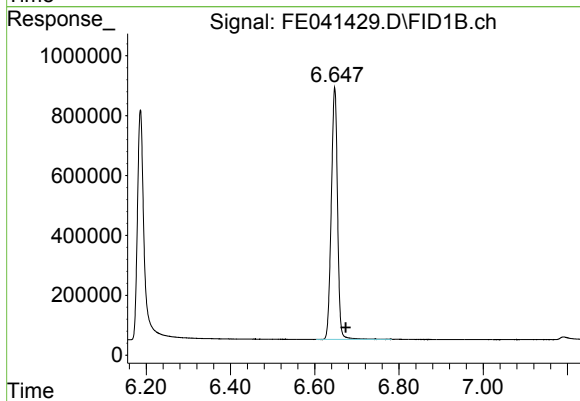
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.015 min
Response: 8351088
Conc: 49.06 ug/ml



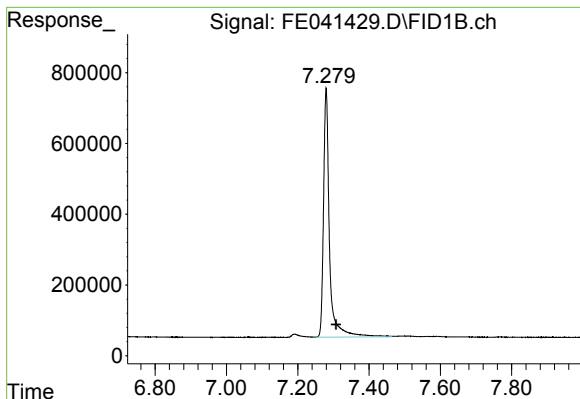
#3 A~Naphthalene (C11.7)

R.T.: 6.186 min
Delta R.T.: -0.026 min
Response: 8739638
Conc: 47.78 ug/ml



#4 n-Dodecane (C12)

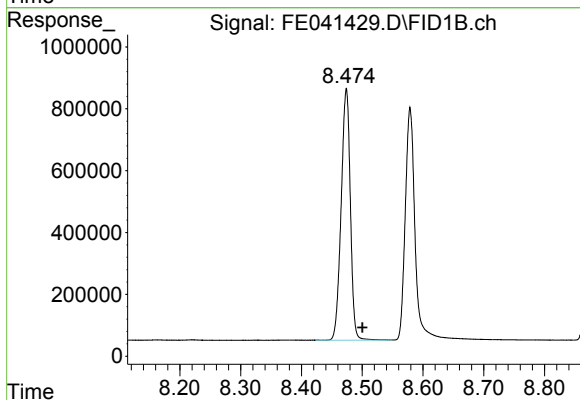
R.T.: 6.648 min
Delta R.T.: -0.026 min
Response: 8657789
Conc: 49.91 ug/ml



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

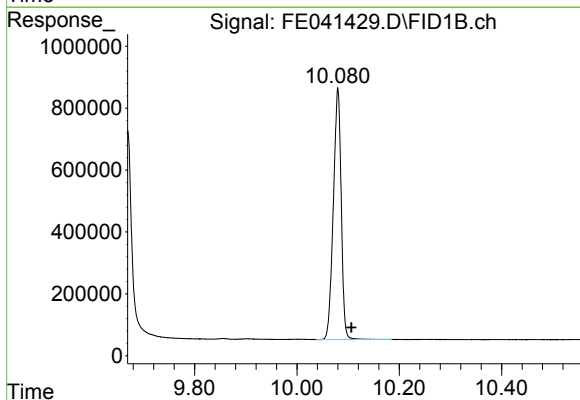
R.T.: 7.280 min
Delta R.T.: -0.028 min
Response: 8181141
Conc: 49.40 ug/ml

Instrument :
FID_E
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PB152213BS



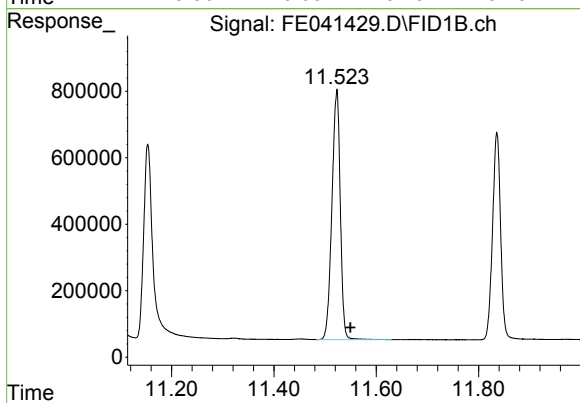
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.026 min
Response: 8537634
Conc: 48.96 ug/ml



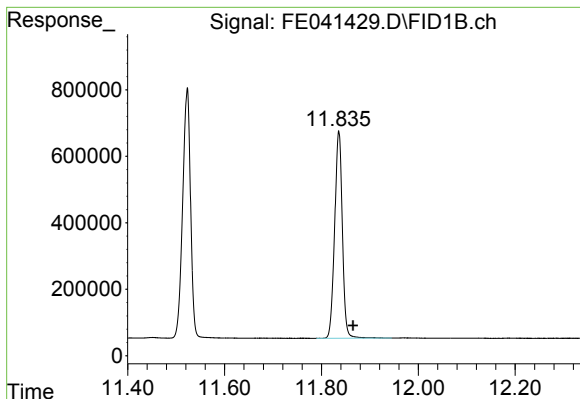
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.027 min
Response: 8675927
Conc: 48.78 ug/ml



#8 n-Octadecane (C18)

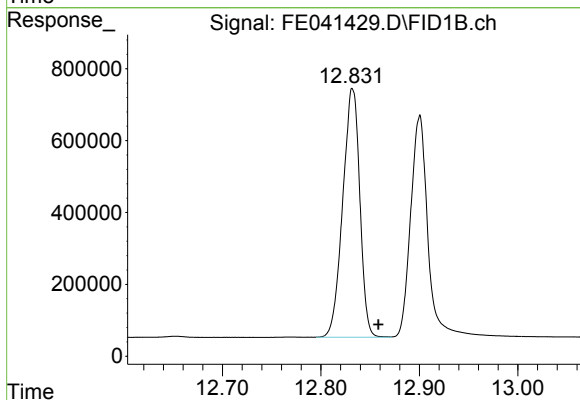
R.T.: 11.523 min
Delta R.T.: -0.026 min
Response: 8524792
Conc: 47.74 ug/ml



#9 ortho-Terphenyl (SURR)

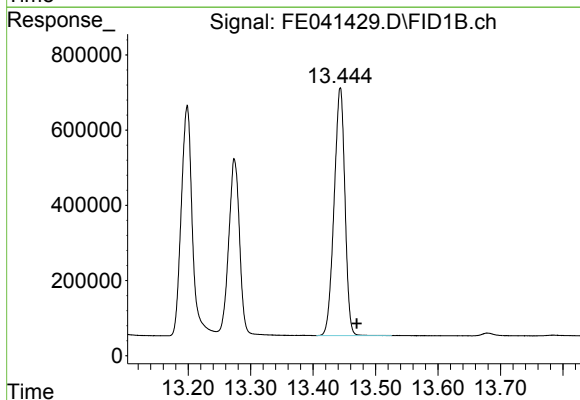
R.T.: 11.836 min
Delta R.T.: -0.029 min
Response: 6861098
Conc: 36.51 ug/ml

Instrument :
FID_E
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PB152213BS



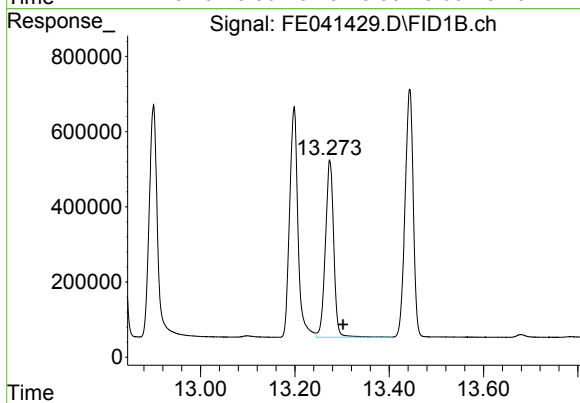
#10 n-Eicosane (C20)

R.T.: 12.832 min
Delta R.T.: -0.026 min
Response: 8347133
Conc: 48.94 ug/ml



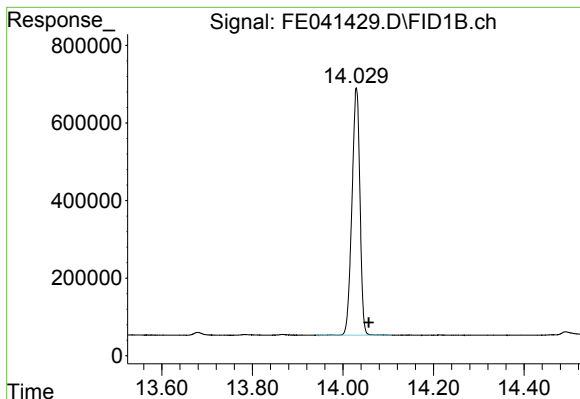
#11 n-Heneicosane (C21)

R.T.: 13.444 min
Delta R.T.: -0.026 min
Response: 7930186
Conc: 46.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.028 min
Response: 5786112
Conc: 40.21 ug/ml



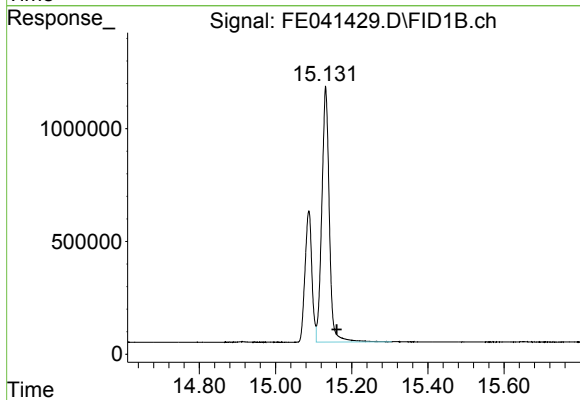
#13 n-Docosane (C22)

R.T.: 14.030 min
Delta R.T.: -0.027 min
Response: 7795799
Conc: 47.11 ug/ml

Instrument :

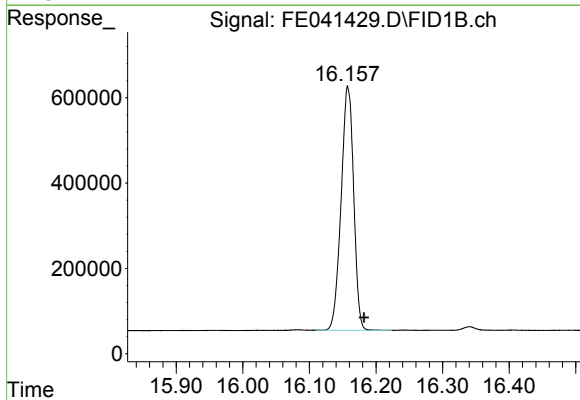
FID_E

ClientSampleId :
PB152213BS



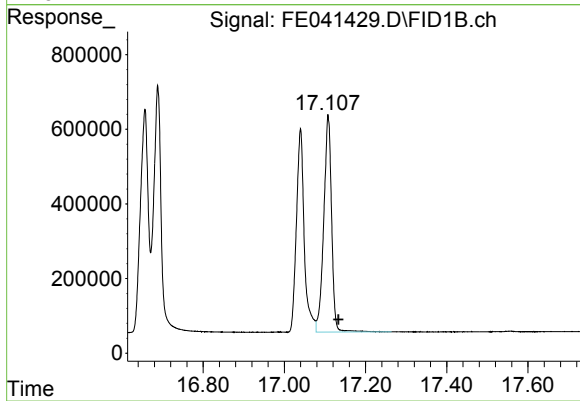
#14 n-Tetracosane (C24)

R.T.: 15.132 min
Delta R.T.: -0.029 min
Response: 15439591
Conc: 95.43 ug/ml



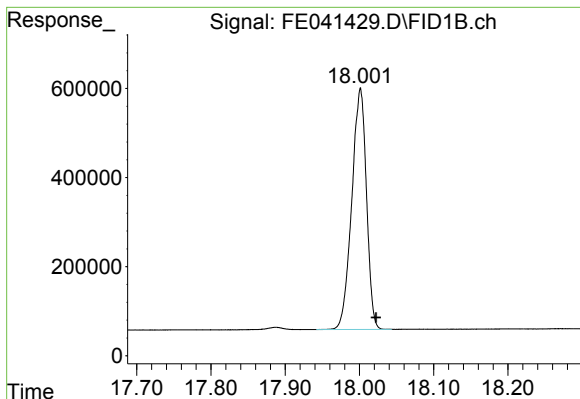
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: -0.024 min
Response: 7484013
Conc: 48.28 ug/ml



#16 n-Octacosane (C28)

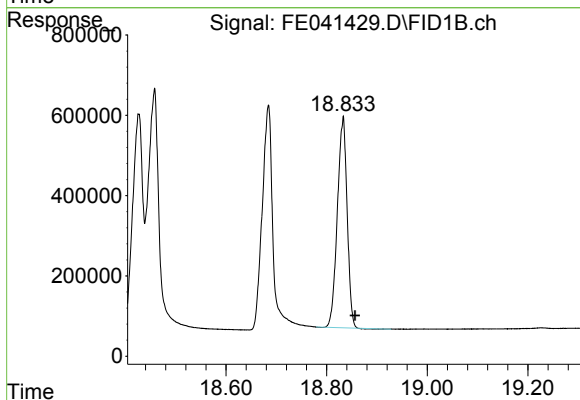
R.T.: 17.108 min
Delta R.T.: -0.025 min
Response: 7805623
Conc: 50.96 ug/ml



#17 n-Tricontane (C30)

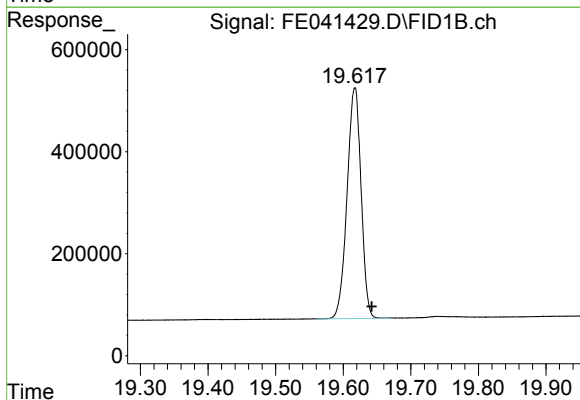
R.T.: 18.001 min
Delta R.T.: -0.021 min
Response: 7437707
Conc: 48.66 ug/ml

Instrument :
FID_E
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PB152213BS



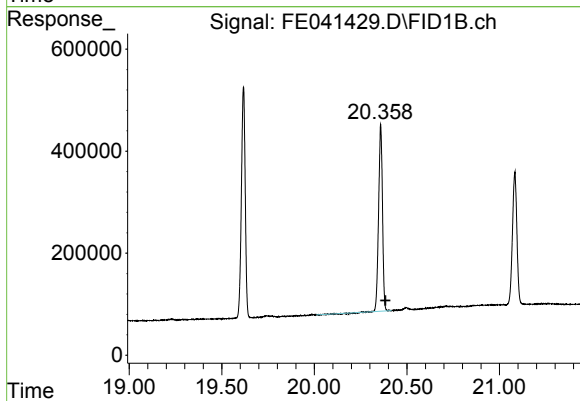
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.024 min
Response: 7055986
Conc: 45.19 ug/ml



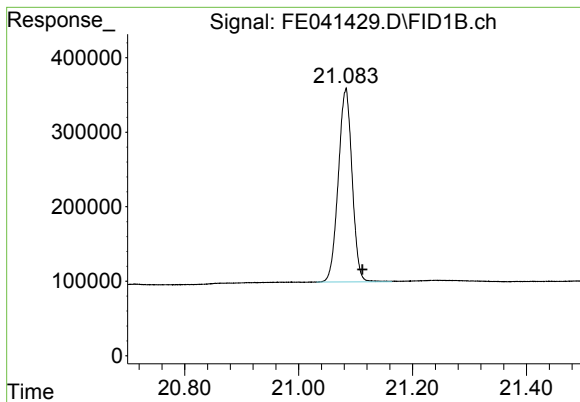
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.025 min
Response: 6504566
Conc: 41.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.026 min
Response: 5289620
Conc: 34.82 ug/ml



#21 n-Octatriacontane (C38)

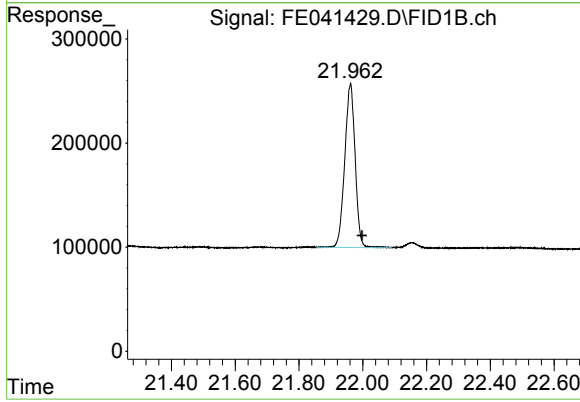
R.T.: 21.083 min
Delta R.T.: -0.029 min
Response: 4364801
Conc: 27.94 ug/ml

Instrument :

FID_E

ClientSampleId :

PB152213BS



#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.036 min
Response: 3566816
Conc: 22.35 ug/ml