

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053192.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 14:44
 Operator : YP\AJ
 Sample : PB167458BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167458BSD

Integration File: autoint1.e
 Quant Time: Apr 04 23:54:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.892	6185764	37.977 ug/ml
Spiked Amount 50.000		Recovery =	75.95%
12) S 1-chlorooctadecane (S...	13.336	4705629	39.199 ug/ml
Spiked Amount 50.000		Recovery =	78.40%
Target Compounds			
1) T n-Nonane (C9)	3.245	5611756	36.242 ug/ml
2) T n-Decane (C10)	4.504	5859228	37.354 ug/ml
3) T A~Naphthalene (C11.7)	6.212	6496493	38.672 ug/ml
4) T n-Dodecane (C12)	6.680	6141388	39.267 ug/ml
5) T A~2-methylnaphthalene...	7.313	5949078	37.284 ug/ml
6) T n-Tetradecane (C14)	8.517	6373209	41.623 ug/ml
7) T n-Hexadecane (C16)	10.129	6562137	42.571 ug/ml
8) T n-Octadecane (C18)	11.577	6383861	42.092 ug/ml
10) T n-Eicosane (C20)	12.892	6395399	44.856 ug/ml
11) T n-Heneicosane (C21)	13.505	6066103	43.713 ug/ml
13) T n-Docosane (C22)	14.093	5980903	43.670 ug/ml
14) T n-Tetracosane (C24)	15.186	12416492	91.934 ug/ml
15) T n-Hexacosane (C26)	16.224	5840090	43.776 ug/ml
16) T n-Octacosane (C28)	17.174	6061737	45.933 ug/ml
17) T n-Tricontane (C30)	18.065	5965109	44.010 ug/ml
18) T n-Dotriacontane (C32)	18.898	6002403	44.607 ug/ml
19) T n-Tetratriacontane (C34)	19.682	6167318	47.662 ug/ml
20) T n-Hexatriacontane (C36)	20.425	6261978	52.715 ug/ml
21) T n-Octatriacontane (C38)	21.163	6457525	56.183 ug/ml
22) T n-Tetracontane (C40)	22.076	6282150	55.934 ug/ml

(f)=RT Delta > 1/2 Window

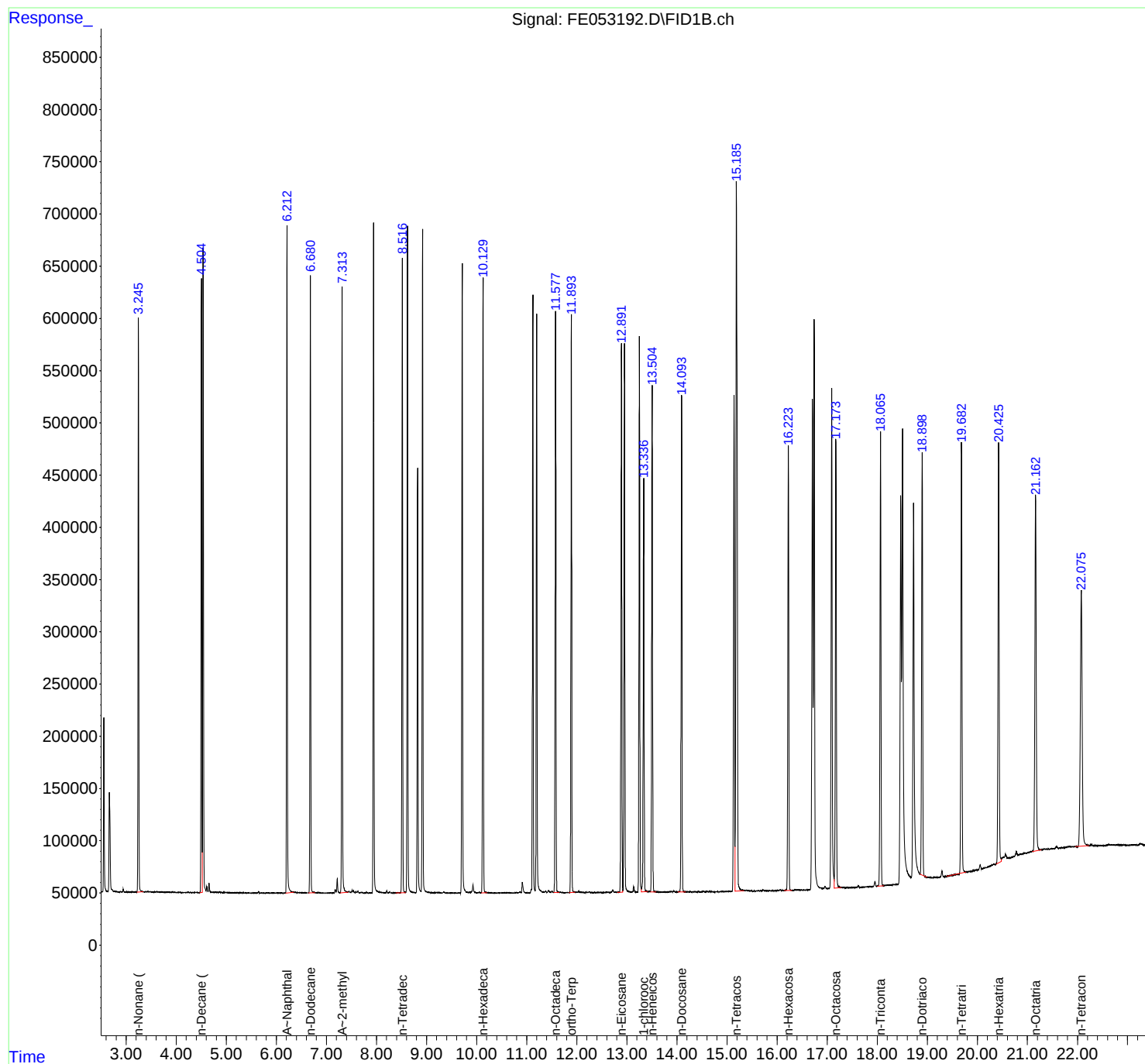
(m)=manual int.

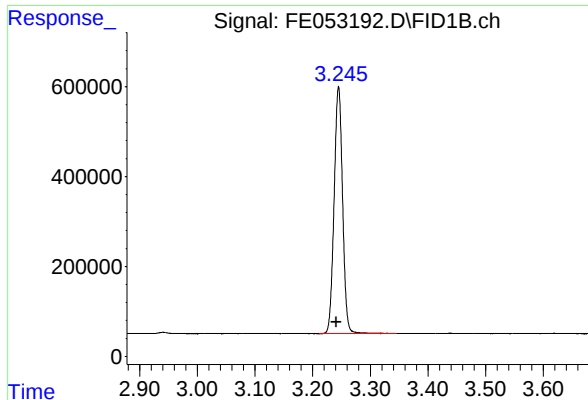
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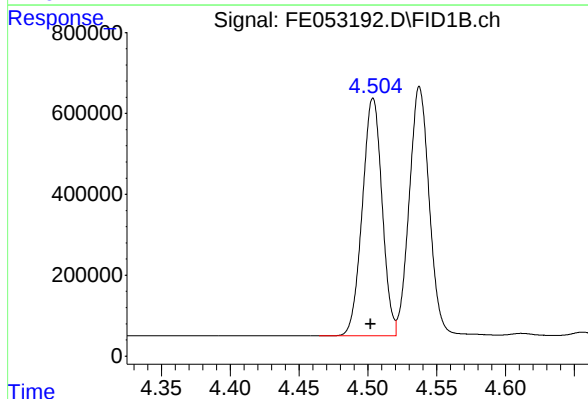




#1 n-Nonane (C9)

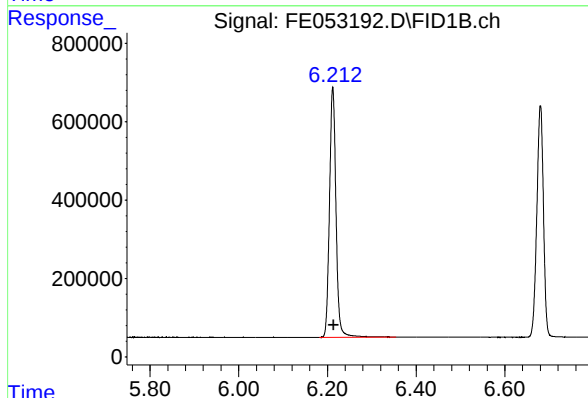
R.T.: 3.245 min
Delta R.T.: 0.004 min
Response: 5611756
Conc: 36.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



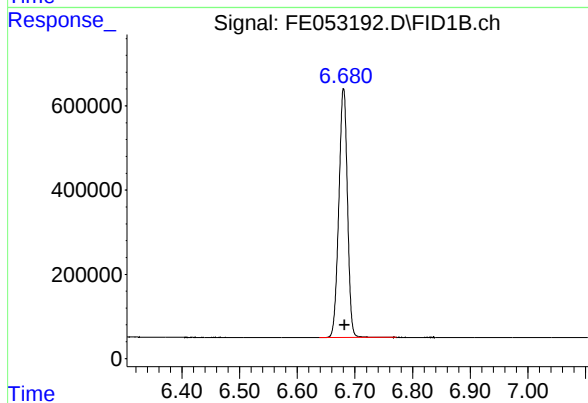
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.002 min
Response: 5859228
Conc: 37.35 ug/ml



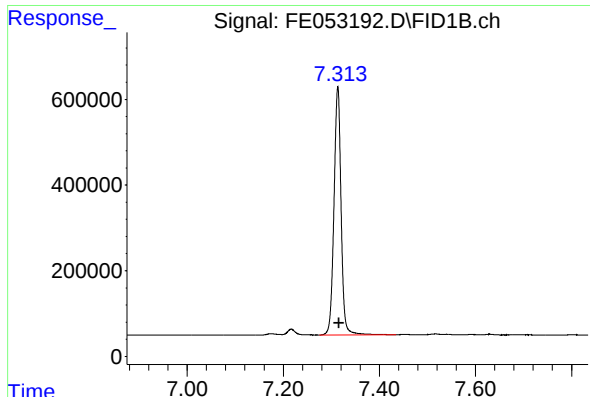
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 6496493
Conc: 38.67 ug/ml



#4 n-Dodecane (C12)

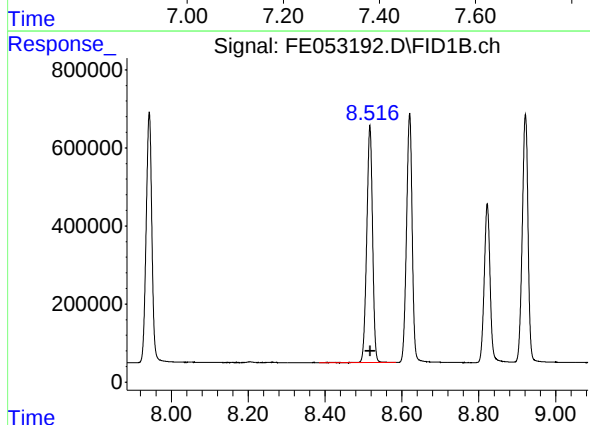
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 6141388
Conc: 39.27 ug/ml



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

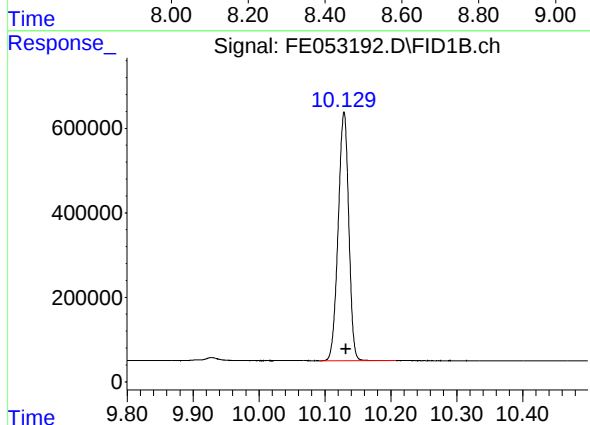
R.T.: 7.313 min
Delta R.T.: -0.003 min
Response: 5949078
Conc: 37.28 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



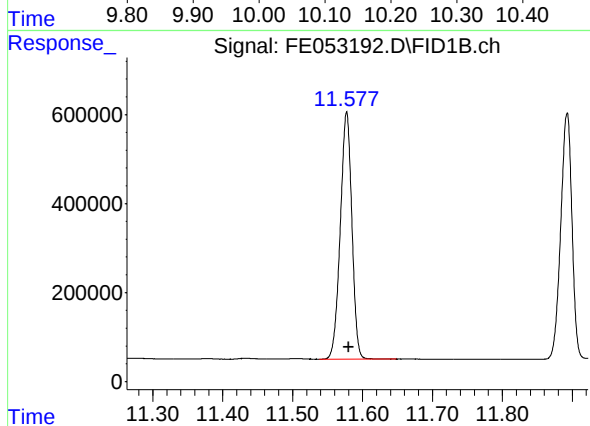
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 6373209
Conc: 41.62 ug/ml



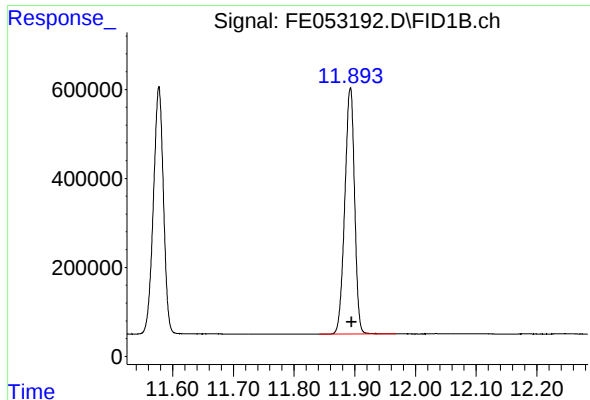
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: -0.003 min
Response: 6562137
Conc: 42.57 ug/ml



#8 n-Octadecane (C18)

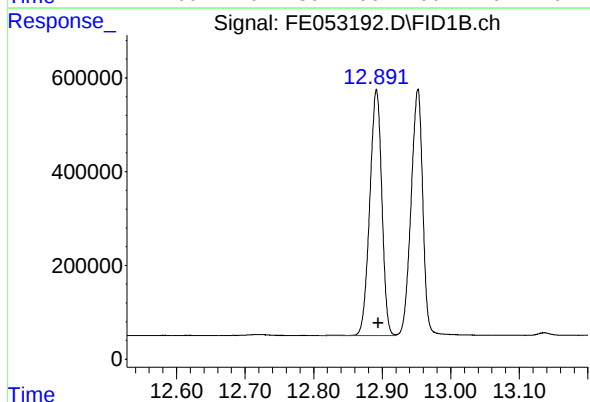
R.T.: 11.577 min
Delta R.T.: -0.003 min
Response: 6383861
Conc: 42.09 ug/ml



#9 ortho-Terphenyl (SURR)

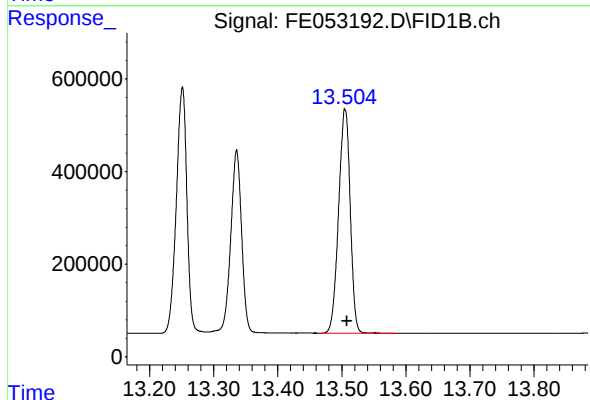
R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 6185764
Conc: 37.98 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



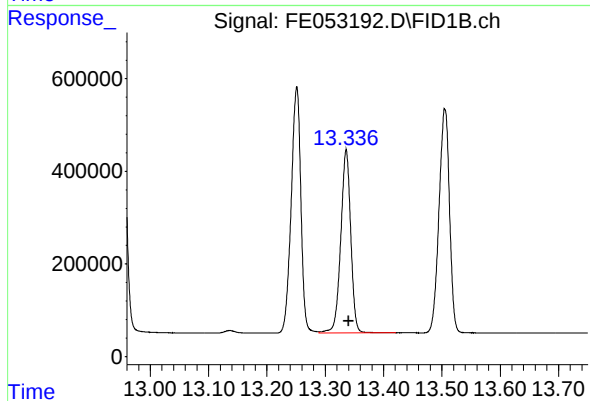
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.003 min
Response: 6395399
Conc: 44.86 ug/ml



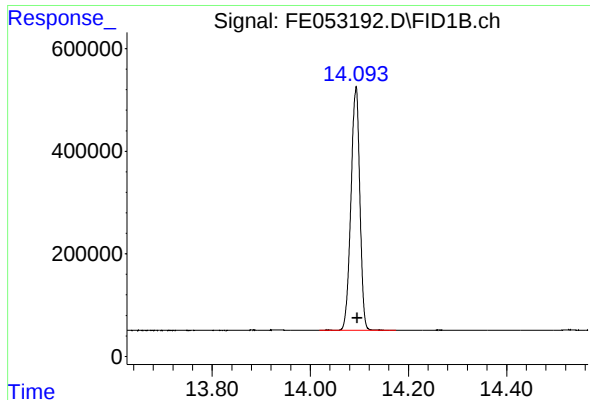
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 6066103
Conc: 43.71 ug/ml



#12 1-chlorooctadecane (SURR)

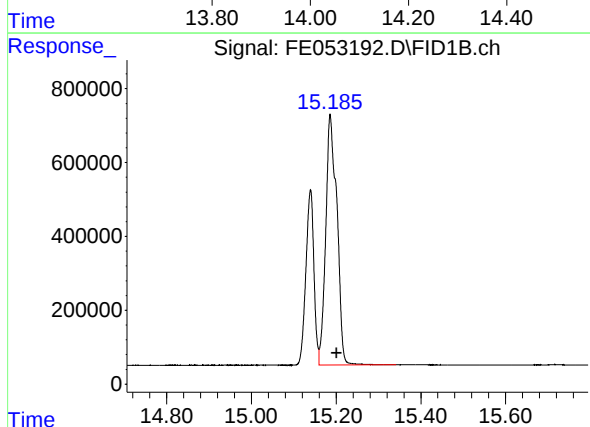
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 4705629
Conc: 39.20 ug/ml



#13 n-Docosane (C22)

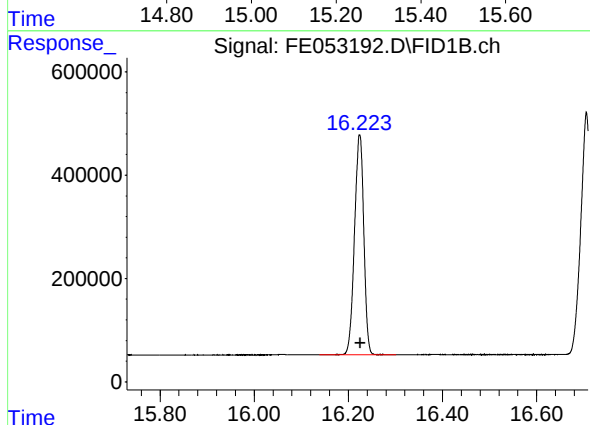
R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 5980903
Conc: 43.67 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



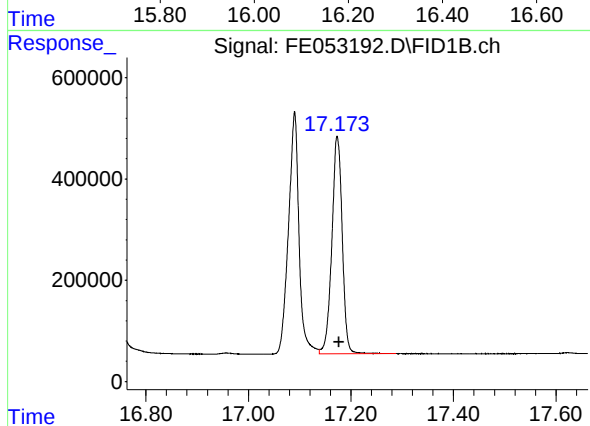
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.015 min
Response: 12416492
Conc: 91.93 ug/ml



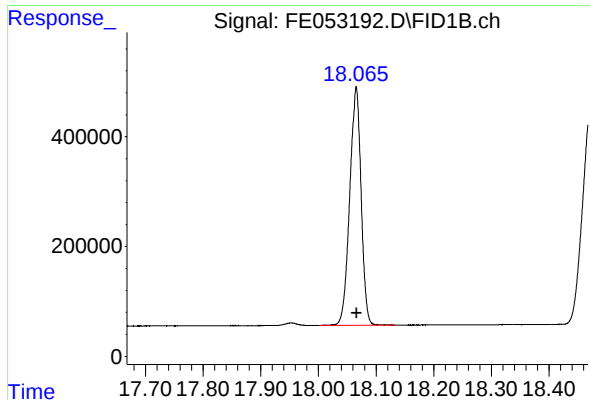
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 5840090
Conc: 43.78 ug/ml



#16 n-Octacosane (C28)

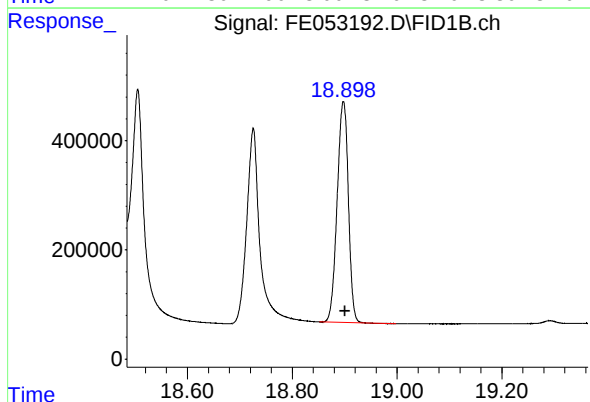
R.T.: 17.174 min
Delta R.T.: -0.003 min
Response: 6061737
Conc: 45.93 ug/ml



#17 n-Tricontane (C30)

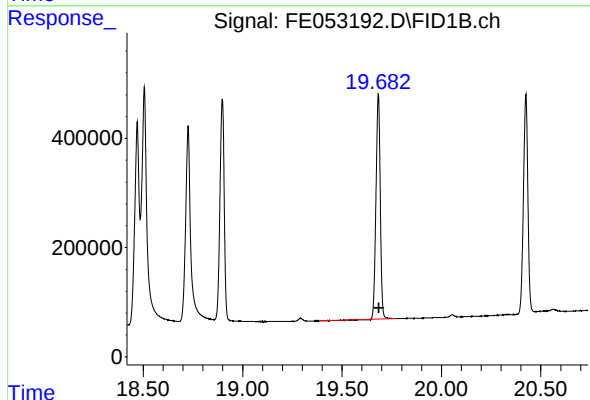
R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 5965109
Conc: 44.01 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



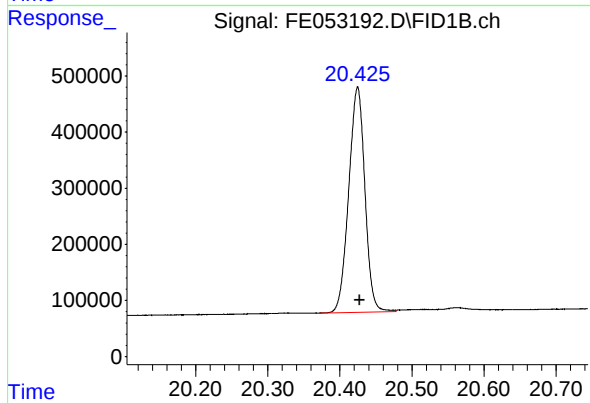
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.003 min
Response: 6002403
Conc: 44.61 ug/ml



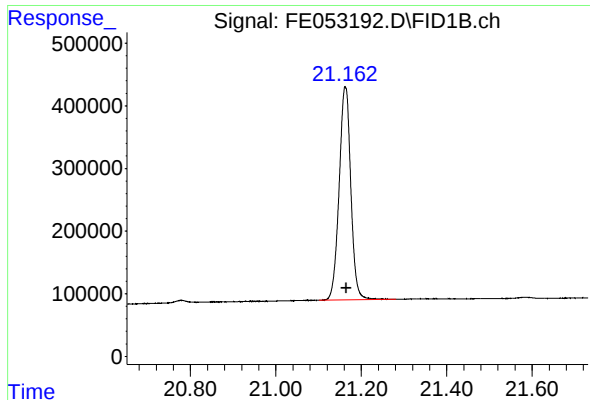
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: -0.004 min
Response: 6167318
Conc: 47.66 ug/ml



#20 n-Hexatriacontane (C36)

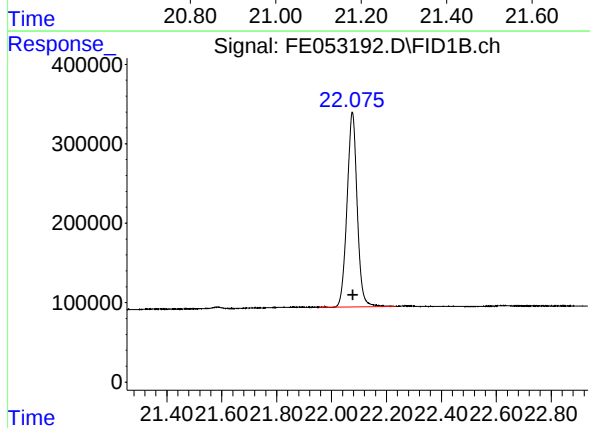
R.T.: 20.425 min
Delta R.T.: -0.003 min
Response: 6261978
Conc: 52.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 6457525
Conc: 56.18 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167458BSD



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.003 min
Response: 6282150
Conc: 55.93 ug/ml