

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031325AL\
 Data File : FE052784.D
 Signal(s) : FID1B.ch
 Acq On : 13 Mar 2025 18:30
 Operator : YP\AJ
 Sample : Q1549-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11978MS

Integration File: autoint1.e
 Quant Time: Mar 14 12:31:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.909	5058274	30.004 ug/ml
Spiked Amount 50.000		Recovery =	60.01%
12) S 1-chlorooctadecane (S...	13.353	3885476	31.999 ug/ml
Spiked Amount 50.000		Recovery =	64.00%
Target Compounds			
1) T n-Nonane (C9)	3.251	4541082	29.288 ug/ml
2) T n-Decane (C10)	4.512	4967392	31.620 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5688670	33.543 ug/ml
4) T n-Dodecane (C12)	6.692	5296008	34.014 ug/ml
5) T A~2-methylnaphthalene...	7.327	5438057	33.556 ug/ml
6) T n-Tetradecane (C14)	8.530	5800188	38.333 ug/ml
7) T n-Hexadecane (C16)	10.144	6068101	39.690 ug/ml
8) T n-Octadecane (C18)	11.593	6131128	40.299 ug/ml
10) T n-Eicosane (C20)	12.909	6200642	42.712 ug/ml
11) T n-Heneicosane (C21)	13.522	5928872	41.656 ug/ml
13) T n-Docosane (C22)	14.111	5892820	41.409 ug/ml
14) T n-Tetracosane (C24)	15.205	11931309	83.372 ug/ml
15) T n-Hexacosane (C26)	16.243	5711945	40.170 ug/ml
16) T n-Octacosane (C28)	17.194	5804594	40.821 ug/ml
17) T n-Tricontane (C30)	18.086	5810365	39.339 ug/ml
18) T n-Dotriacontane (C32)	18.919	5824982	40.123 ug/ml
19) T n-Tetratriacontane (C34)	19.704	5811454	43.118 ug/ml
20) T n-Hexatriacontane (C36)	20.446	5608371	47.199 ug/ml
21) T n-Octatriacontane (C38)	21.188	5633071	50.778 ug/ml
22) T n-Tetracontane (C40)	22.112	5658697	52.339 ug/ml

(f)=RT Delta > 1/2 Window

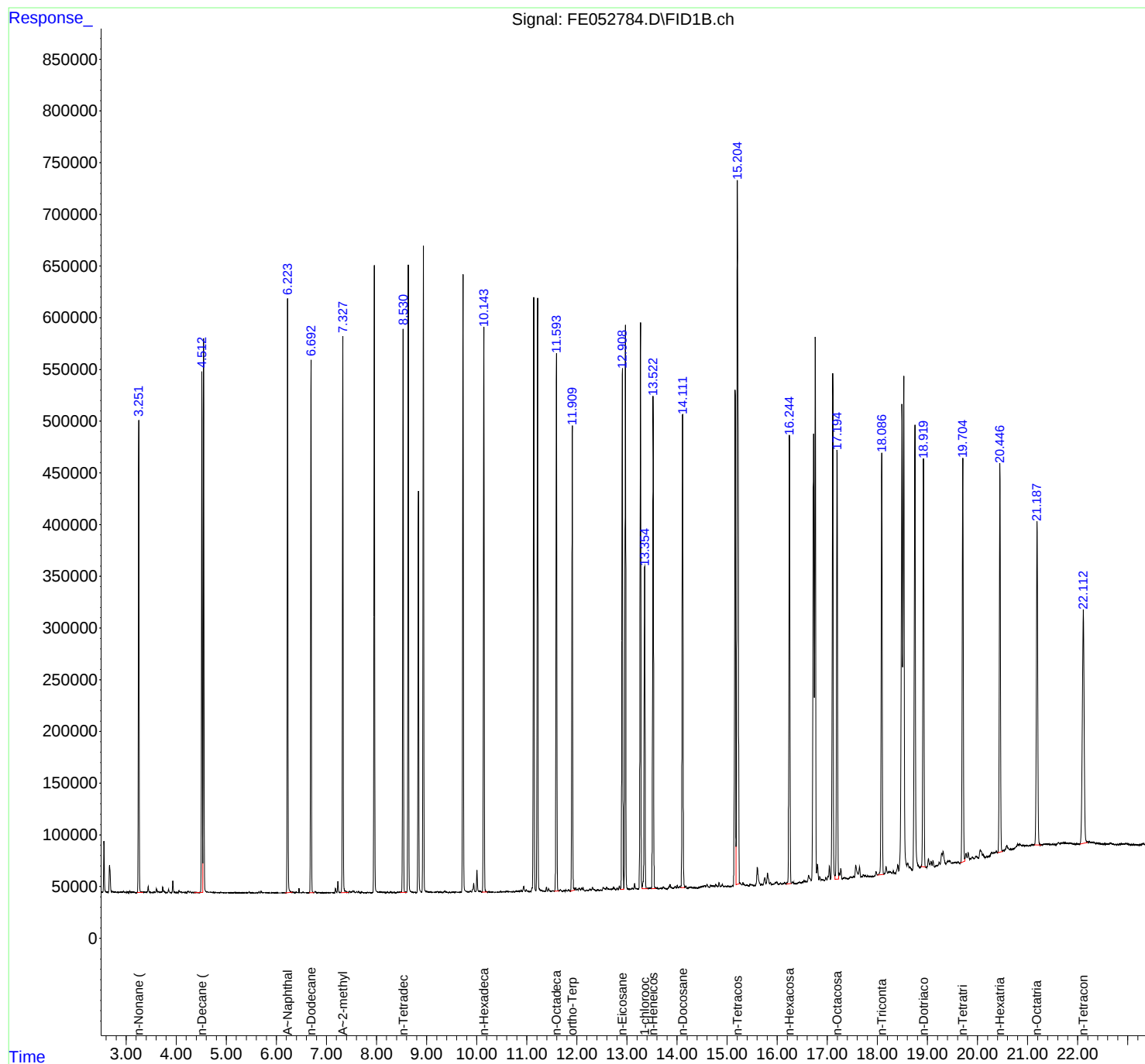
(m)=manual int.

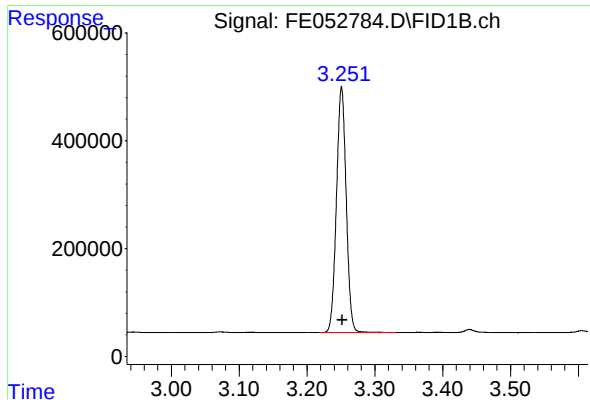
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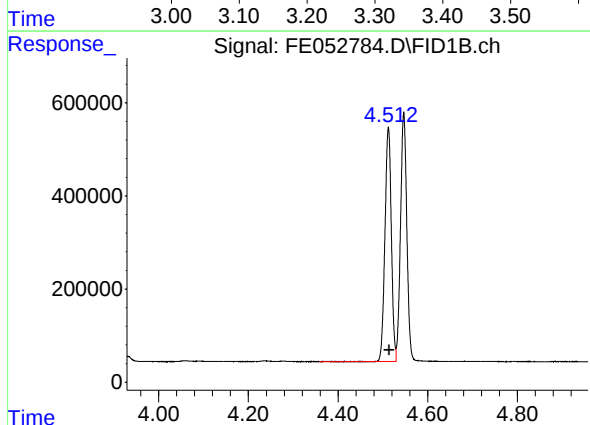




#1 n-Nonane (C9)

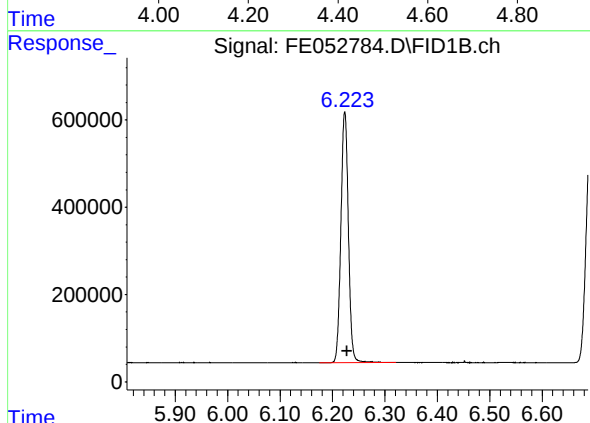
R.T.: 3.251 min
Delta R.T.: -0.001 min
Response: 4541082
Conc: 29.29 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MS



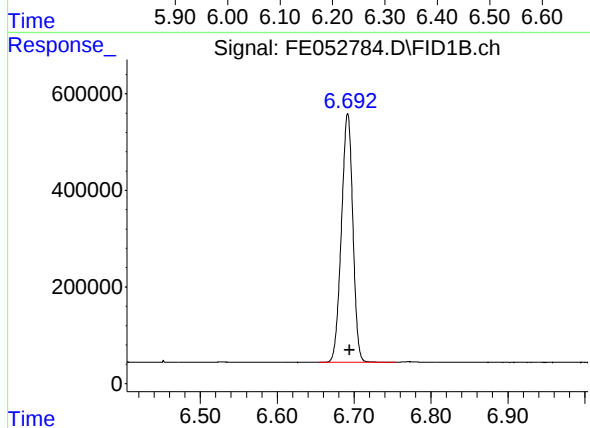
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 4967392
Conc: 31.62 ug/ml



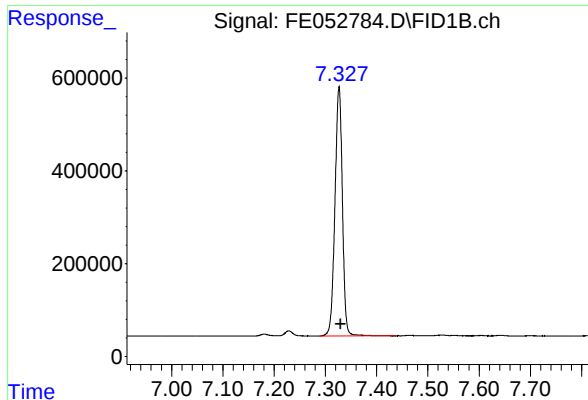
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: -0.004 min
Response: 5688670
Conc: 33.54 ug/ml



#4 n-Dodecane (C12)

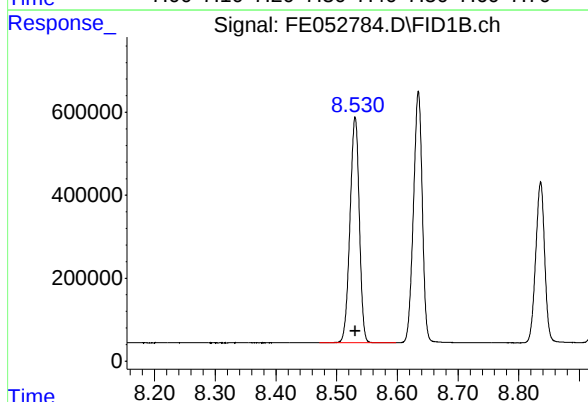
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 5296008
Conc: 34.01 ug/ml



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

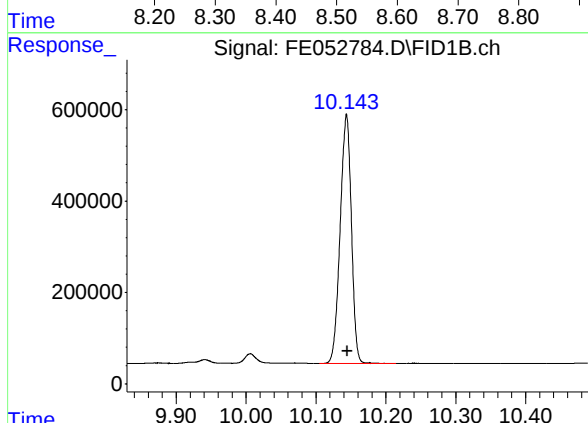
R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 5438057
Conc: 33.56 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MS



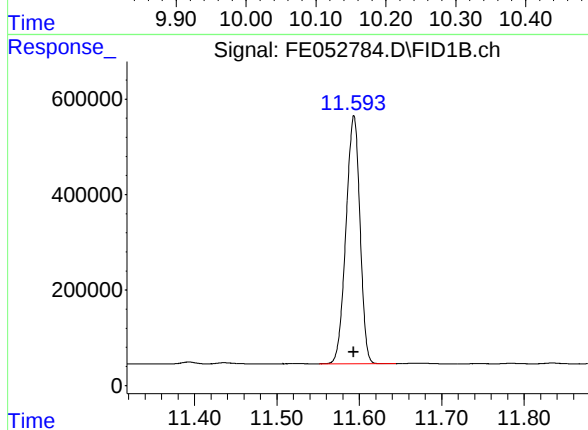
#6 n-Tetradecane (C14)

R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 5800188
Conc: 38.33 ug/ml



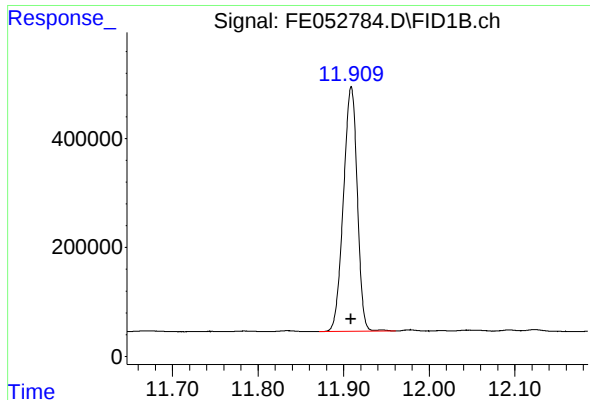
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.001 min
Response: 6068101
Conc: 39.69 ug/ml



#8 n-Octadecane (C18)

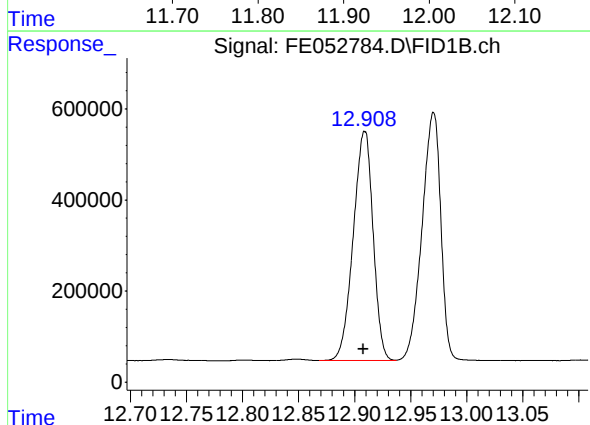
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 6131128
Conc: 40.30 ug/ml



#9 ortho-Terphenyl (SURR)

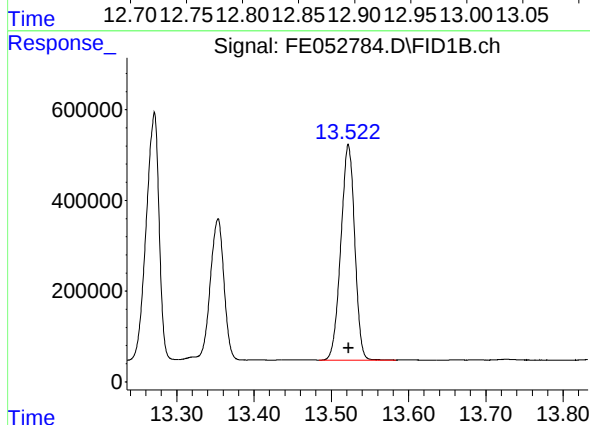
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 5058274
Conc: 30.00 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MS



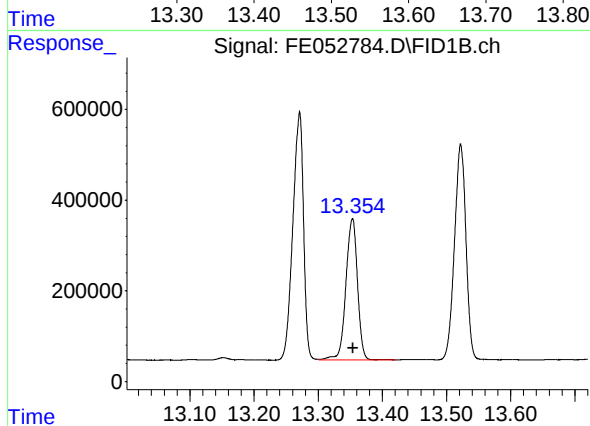
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 6200642
Conc: 42.71 ug/ml



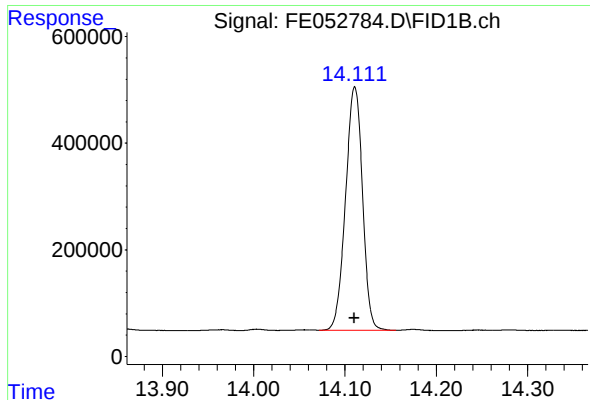
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 5928872
Conc: 41.66 ug/ml



#12 1-chlorooctadecane (SURR)

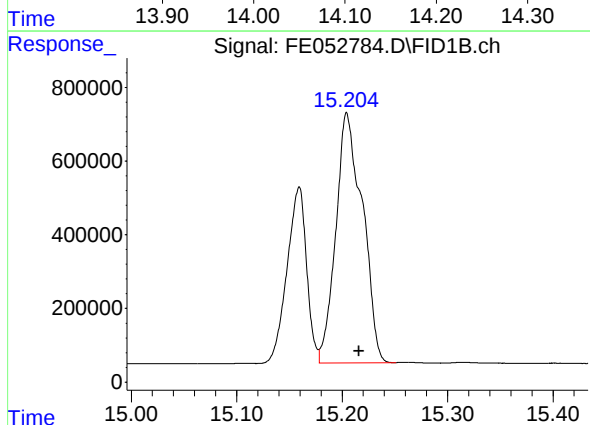
R.T.: 13.353 min
Delta R.T.: 0.000 min
Response: 3885476
Conc: 32.00 ug/ml



#13 n-Docosane (C22)

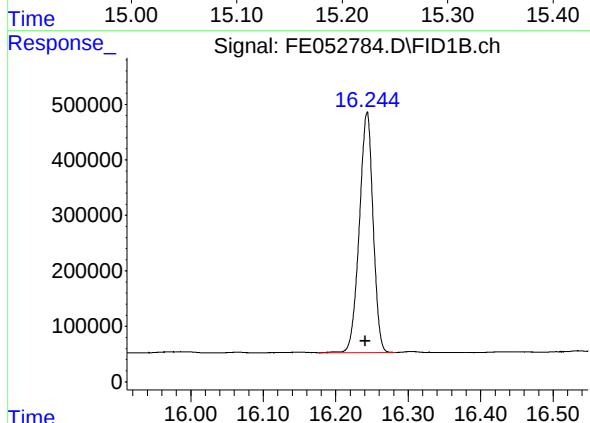
R.T.: 14.111 min
Delta R.T.: 0.000 min
Response: 5892820
Conc: 41.41 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MS



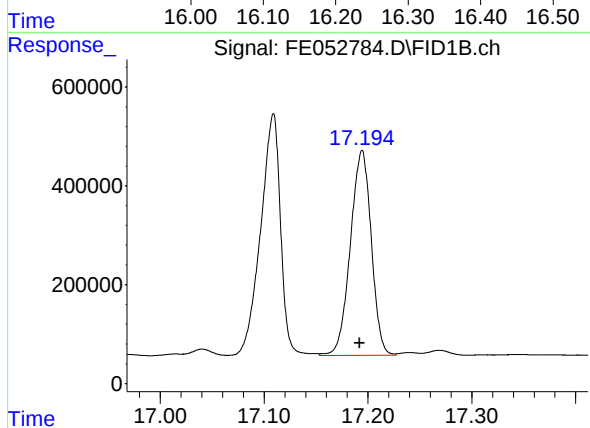
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.011 min
Response: 11931309
Conc: 83.37 ug/ml



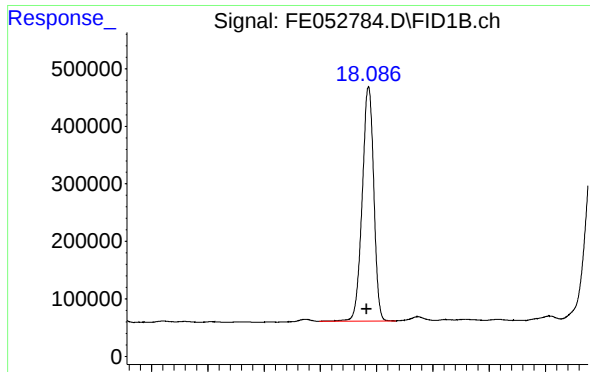
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.002 min
Response: 5711945
Conc: 40.17 ug/ml



#16 n-Octacosane (C28)

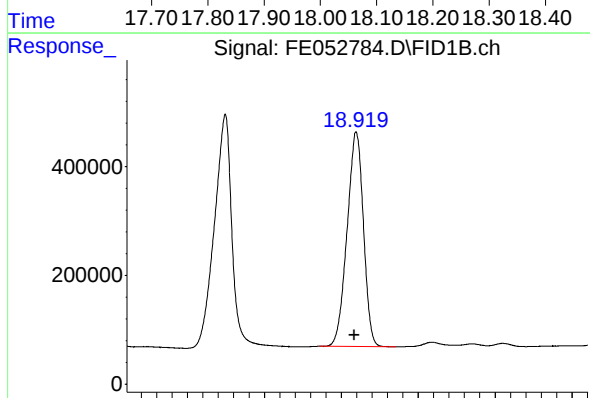
R.T.: 17.194 min
Delta R.T.: 0.002 min
Response: 5804594
Conc: 40.82 ug/ml



#17 n-Tricontane (C30)

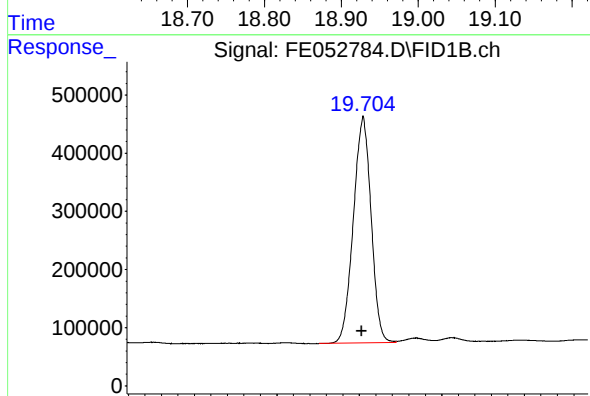
R.T.: 18.086 min
Delta R.T.: 0.003 min
Response: 5810365
Conc: 39.34 ug/ml

Instrument :
FID_E
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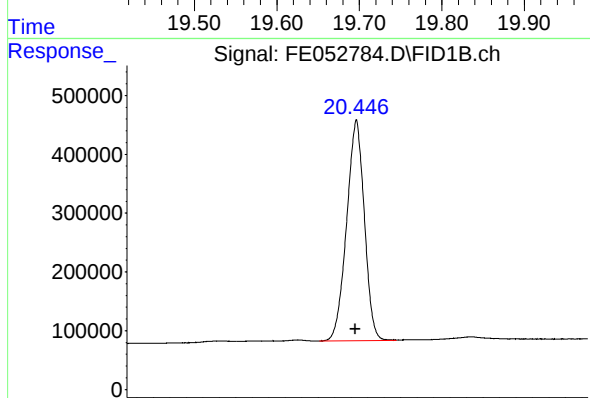
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: 0.002 min
Response: 5824982
Conc: 40.12 ug/ml



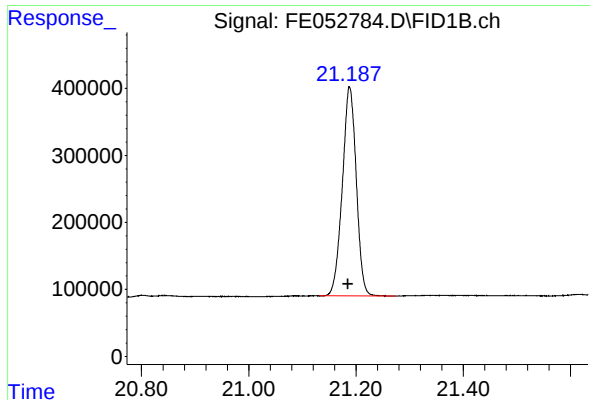
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.002 min
Response: 5811454
Conc: 43.12 ug/ml



#20 n-Hexatriacontane (C36)

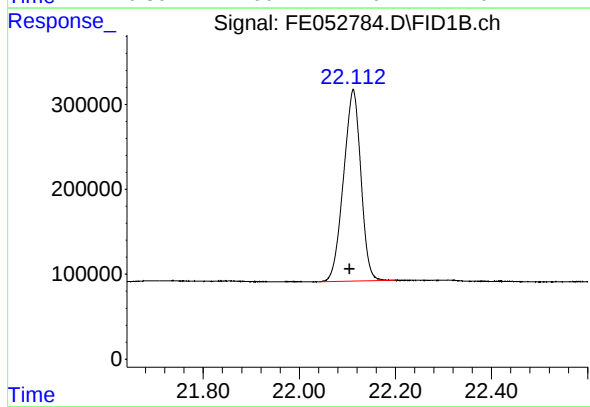
R.T.: 20.446 min
Delta R.T.: 0.001 min
Response: 5608371
Conc: 47.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: 0.003 min
Response: 5633071
Conc: 50.78 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978MS



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.008 min
Response: 5658697
Conc: 52.34 ug/ml