

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022825AL\
 Data File : FE052564.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2025 15:46
 Operator : YP\AJ
 Sample : Q1458-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 28 22:09:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.916	4874609	26.077 ug/ml
Spiked Amount 50.000		Recovery =	52.15%
12) S 1-chlorooctadecane (S...	13.361	3804223	27.369 ug/ml
Spiked Amount 50.000		Recovery =	54.74%
Target Compounds			
1) T n-Nonane (C9)	3.255	4119731	26.839 ug/ml
2) T n-Decane (C10)	4.517	4581087	29.331 ug/ml
3) T A~Naphthalene (C11.7)	6.229	5508827	31.885 ug/ml
4) T n-Dodecane (C12)	6.697	5108387	32.364 ug/ml
5) T A~2-methylnaphthalene...	7.331	5282253	31.452 ug/ml
6) T n-Tetradecane (C14)	8.536	5488628	34.845 ug/ml
7) T n-Hexadecane (C16)	10.151	5637568	34.493 ug/ml
8) T n-Octadecane (C18)	11.601	5680025	34.329 ug/ml
10) T n-Eicosane (C20)	12.917	5761678	36.141 ug/ml
11) T n-Heneicosane (C21)	13.531	5523055	35.253 ug/ml
13) T n-Docosane (C22)	14.120	5502235	35.159 ug/ml
14) T n-Tetracosane (C24)	15.211	11278331	71.713 ug/ml
15) T n-Hexacosane (C26)	16.252	5376615	34.713 ug/ml
16) T n-Octacosane (C28)	17.203	5422763	35.452 ug/ml
17) T n-Tricontane (C30)	18.094	5408531	34.648 ug/ml
18) T n-Dotriacontane (C32)	18.928	5292046	34.584 ug/ml
19) T n-Tetratriacontane (C34)	19.714	5378894	37.810 ug/ml
20) T n-Hexatriacontane (C36)	20.455	5215350	41.844 ug/ml
21) T n-Octatriacontane (C38)	21.198	5246690	48.002 ug/ml
22) T n-Tetracontane (C40)	22.124	5388130	53.566 ug/ml

(f)=RT Delta > 1/2 Window

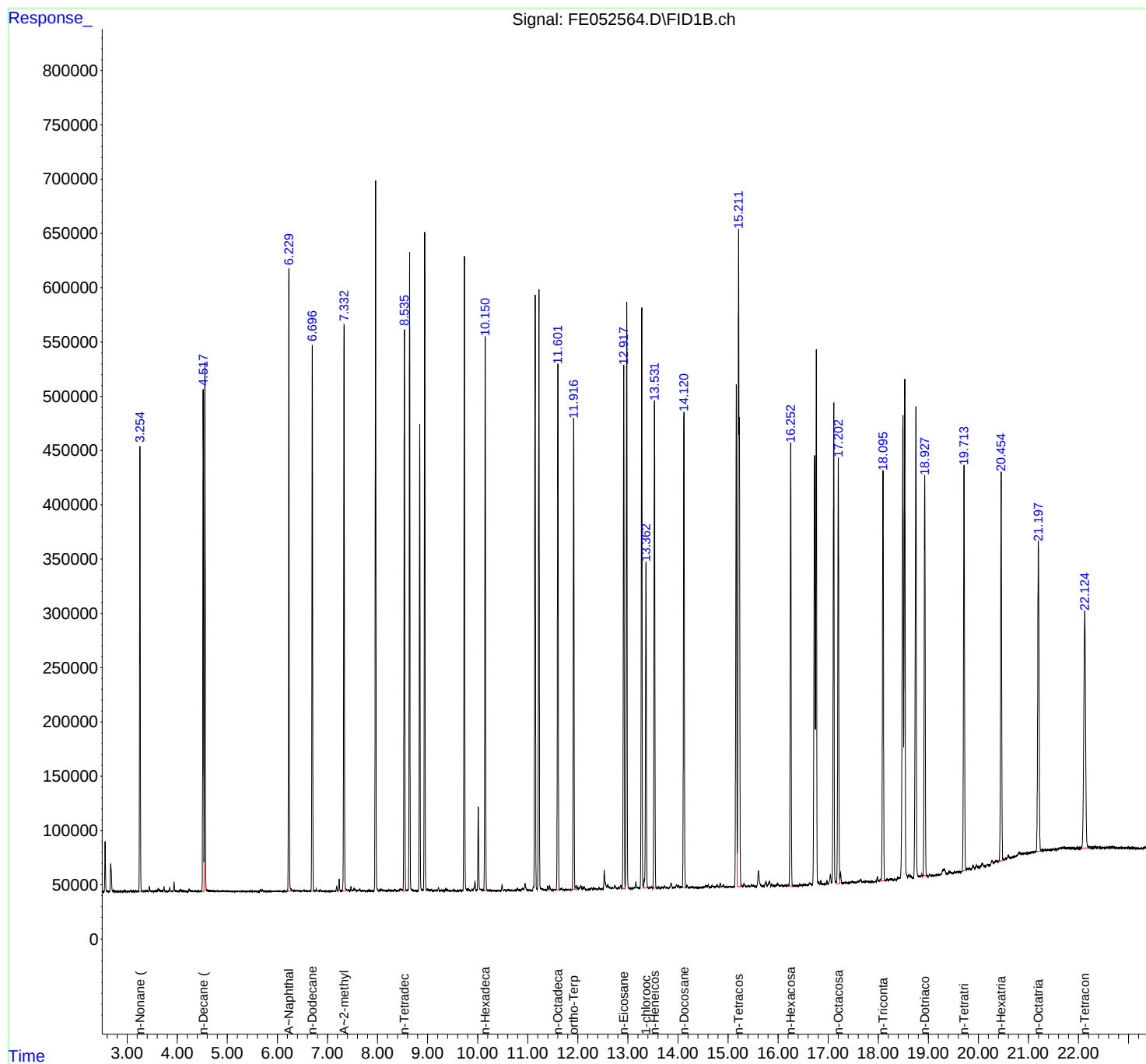
(m)=manual int.

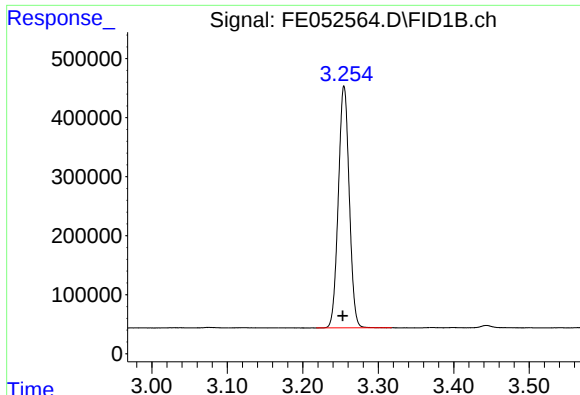
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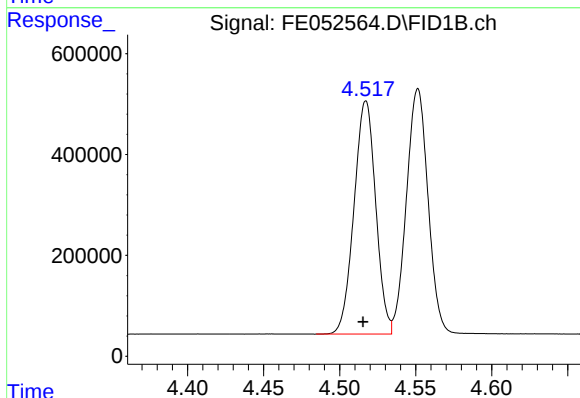




#1 n-Nonane (C9)

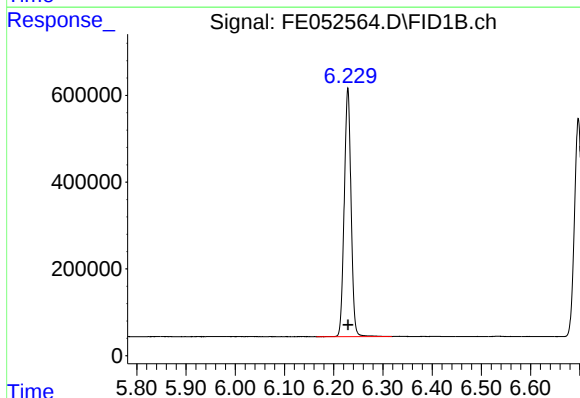
R.T.: 3.255 min
Delta R.T.: 0.002 min
Response: 4119731
Conc: 26.84 ug/ml

Instrument :
FID_E
ClientSampleId :



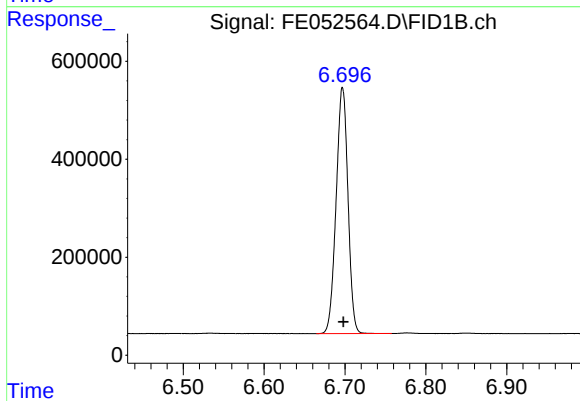
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 4581087
Conc: 29.33 ug/ml



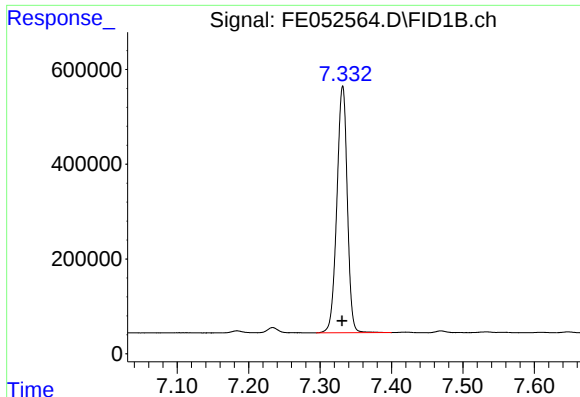
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 5508827
Conc: 31.89 ug/ml



#4 n-Dodecane (C12)

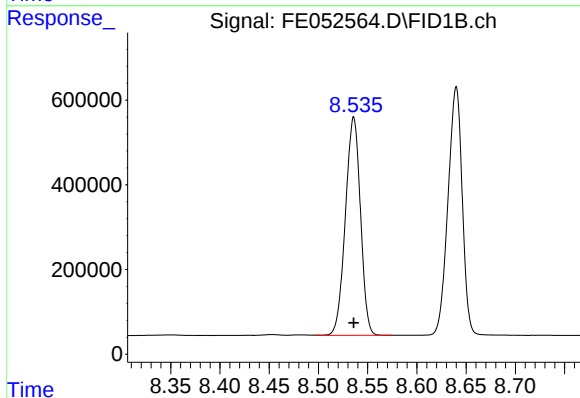
R.T.: 6.697 min
Delta R.T.: -0.001 min
Response: 5108387
Conc: 32.36 ug/ml



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

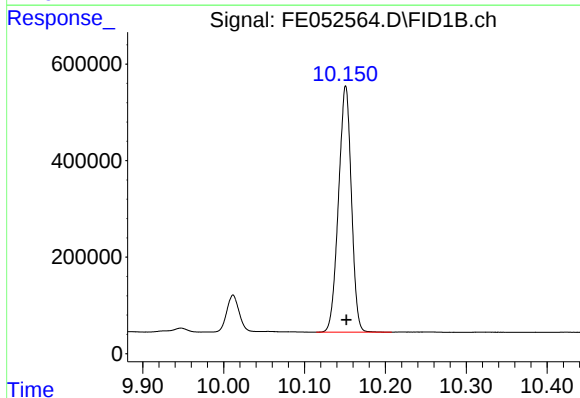
R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 5282253
Conc: 31.45 ug/ml

Instrument :
FID_E
ClientSampleId :



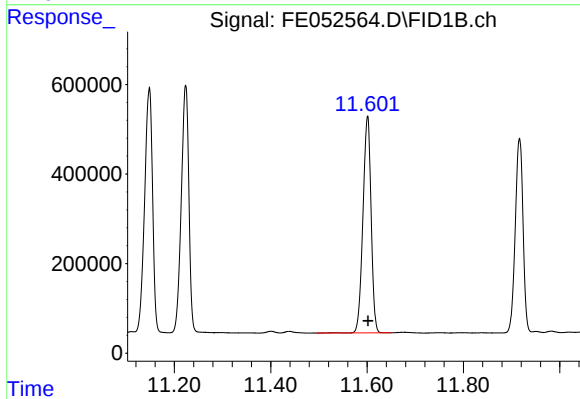
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: 0.000 min
Response: 5488628
Conc: 34.85 ug/ml



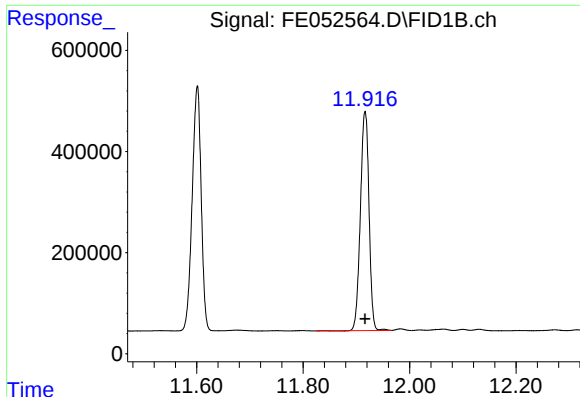
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: -0.001 min
Response: 5637568
Conc: 34.49 ug/ml



#8 n-Octadecane (C18)

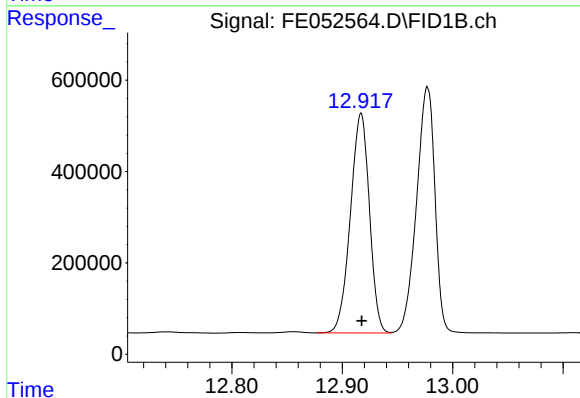
R.T.: 11.601 min
Delta R.T.: 0.000 min
Response: 5680025
Conc: 34.33 ug/ml



#9 ortho-Terphenyl (SURR)

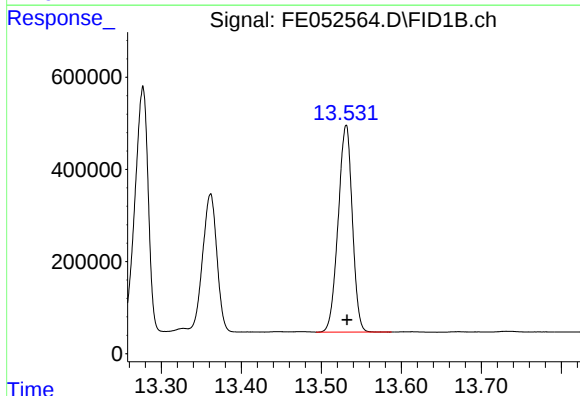
R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 4874609
Conc: 26.08 ug/ml

Instrument :
FID_E
ClientSampleId :



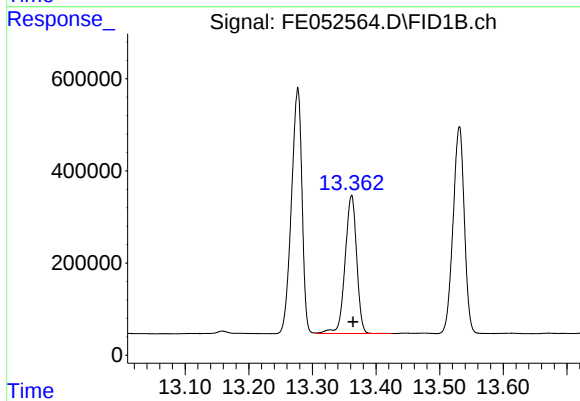
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: 0.000 min
Response: 5761678
Conc: 36.14 ug/ml



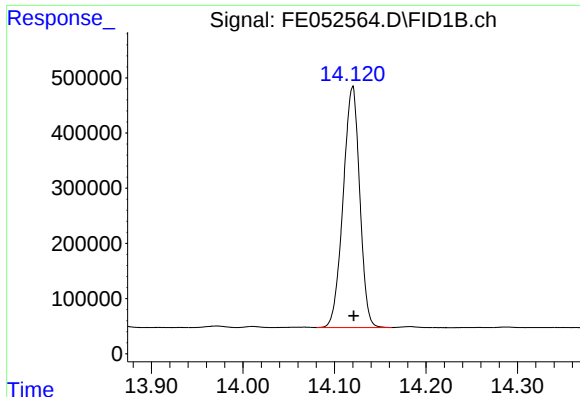
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.002 min
Response: 5523055
Conc: 35.25 ug/ml



#12 1-chlorooctadecane (SURR)

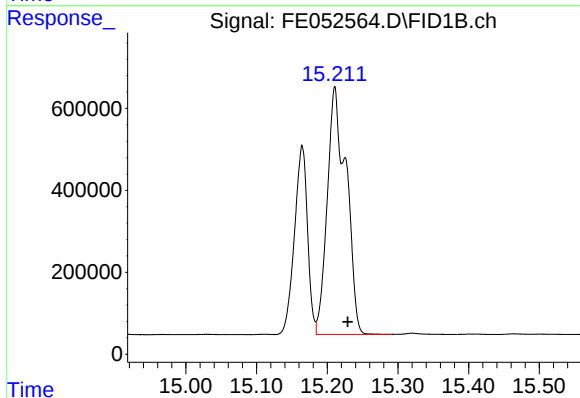
R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 3804223
Conc: 27.37 ug/ml



#13 n-Docosane (C22)

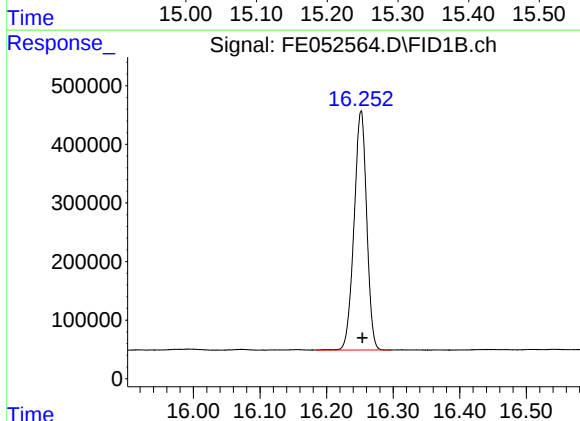
R.T.: 14.120 min
Delta R.T.: -0.002 min
Response: 5502235
Conc: 35.16 ug/ml

Instrument :
FID_E
ClientSampleId :



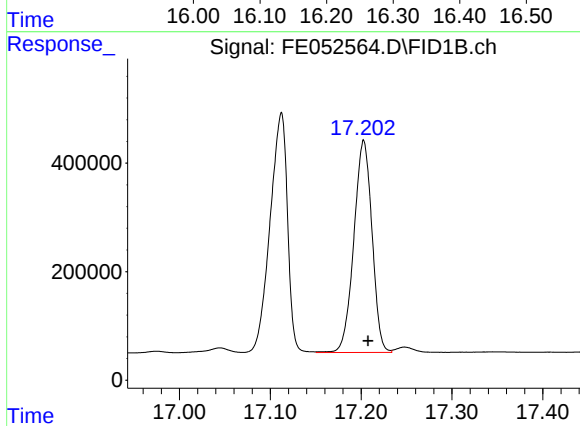
#14 n-Tetracosane (C24)

R.T.: 15.211 min
Delta R.T.: -0.018 min
Response: 11278331
Conc: 71.71 ug/ml



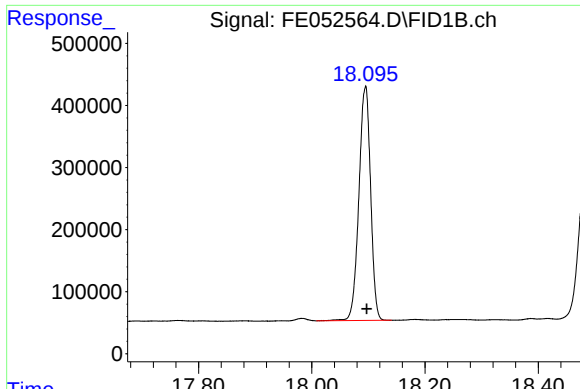
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.002 min
Response: 5376615
Conc: 34.71 ug/ml



#16 n-Octacosane (C28)

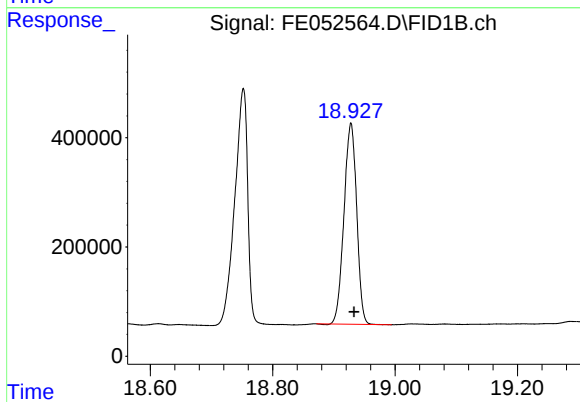
R.T.: 17.203 min
Delta R.T.: -0.005 min
Response: 5422763
Conc: 35.45 ug/ml



#17 n-Tricontane (C30)

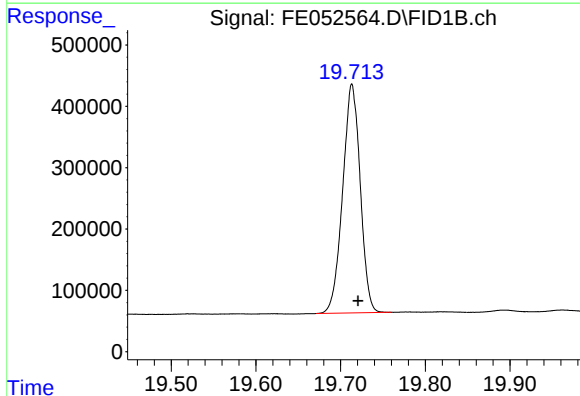
R.T.: 18.094 min
Delta R.T.: -0.003 min
Response: 5408531
Conc: 34.65 ug/ml

Instrument :
FID_E
ClientSampleId :



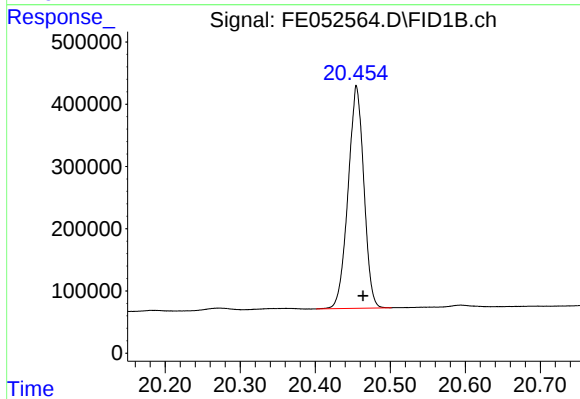
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.006 min
Response: 5292046
Conc: 34.58 ug/ml



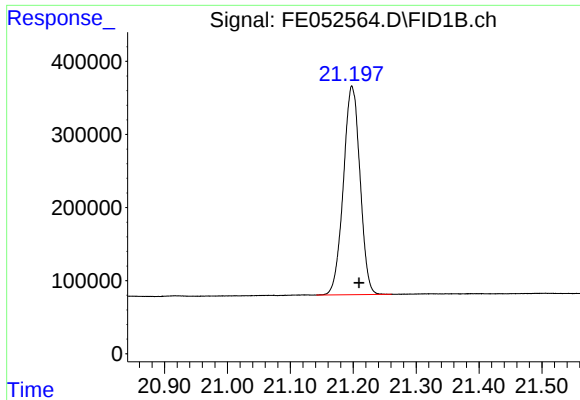
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.007 min
Response: 5378894
Conc: 37.81 ug/ml



#20 n-Hexatriacontane (C36)

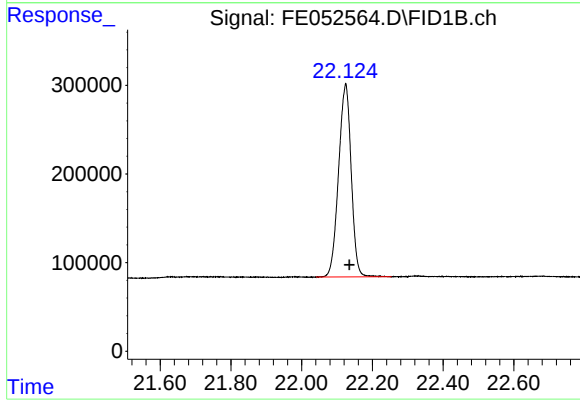
R.T.: 20.455 min
Delta R.T.: -0.008 min
Response: 5215350
Conc: 41.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.011 min
Response: 5246690
Conc: 48.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.011 min
Response: 5388130
Conc: 53.57 ug/ml