

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053499.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 14:17
 Operator : YP\AJ
 Sample : PB167712BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB167712BS

Integration File: autoint1.e
 Quant Time: Apr 24 01:26:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.872	6196560	34.356 ug/ml
Spiked Amount 50.000		Recovery =	68.71%
12) S 1-chlorooctadecane (S...	13.317	4776811	35.338 ug/ml
Spiked Amount 50.000		Recovery =	70.68%
Target Compounds			
1) T n-Nonane (C9)	3.226	5137844	37.474 ug/ml
2) T n-Decane (C10)	4.484	5368177	38.806 ug/ml
3) T A~Naphthalene (C11.7)	6.192	6200888	41.080 ug/ml
4) T n-Dodecane (C12)	6.661	5516616	39.334 ug/ml
5) T A~2-methylnaphthalene...	7.294	5620629	37.646 ug/ml
6) T n-Tetradecane (C14)	8.498	5591756	39.859 ug/ml
7) T n-Hexadecane (C16)	10.110	5524584	38.547 ug/ml
8) T n-Octadecane (C18)	11.558	5391753	36.997 ug/ml
10) T n-Eicosane (C20)	12.873	5592340	38.432 ug/ml
11) T n-Heneicosane (C21)	13.485	5337146	36.847 ug/ml
13) T n-Docosane (C22)	14.073	5296456	36.704 ug/ml
14) T n-Tetracosane (C24)	15.169	10937585	76.146 ug/ml
15) T n-Hexacosane (C26)	16.203	5123408	36.175 ug/ml
16) T n-Octacosane (C28)	17.154	5304345	38.126 ug/ml
17) T n-Tricontane (C30)	18.044	4990750	35.854 ug/ml
18) T n-Dotriacontane (C32)	18.876	4840411	35.252 ug/ml
19) T n-Tetratriacontane (C34)	19.662	4844594	37.182 ug/ml
20) T n-Hexatriacontane (C36)	20.403	4564359	36.154 ug/ml
21) T n-Octatriacontane (C38)	21.138	4520416	37.104 ug/ml
22) T n-Tetracontane (C40)	22.043	4446744	37.236 ug/ml

(f)=RT Delta > 1/2 Window

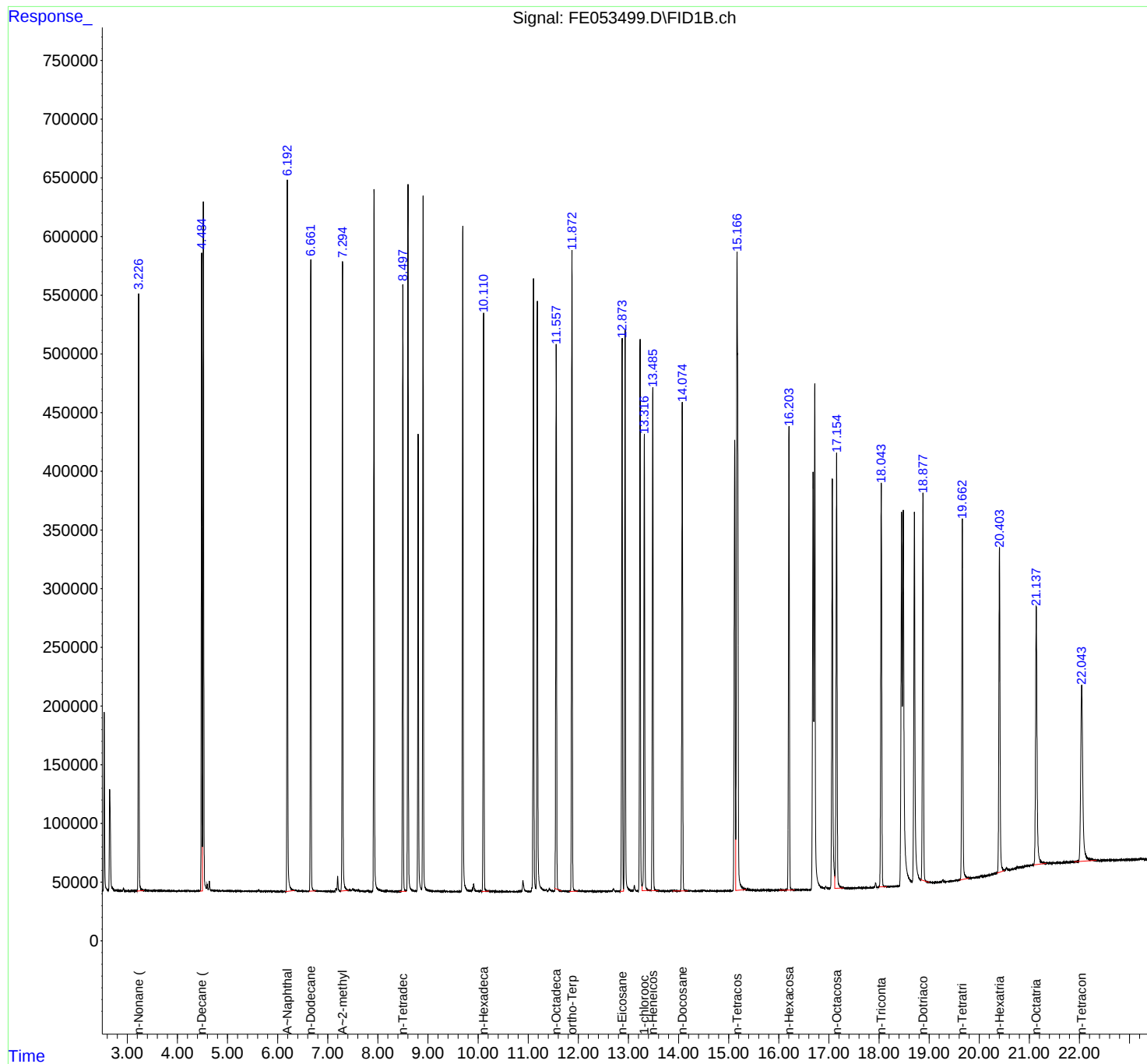
(m)=manual int.

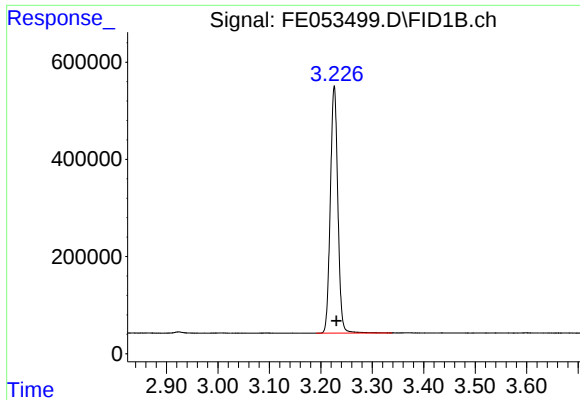
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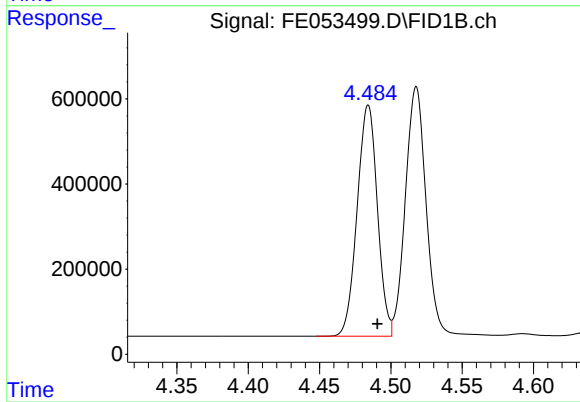




#1 n-Nonane (C9)

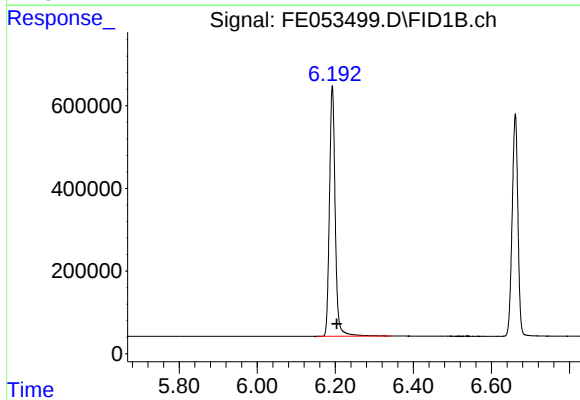
R.T.: 3.226 min
Delta R.T.: -0.004 min
Response: 5137844
Conc: 37.47 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167712BS



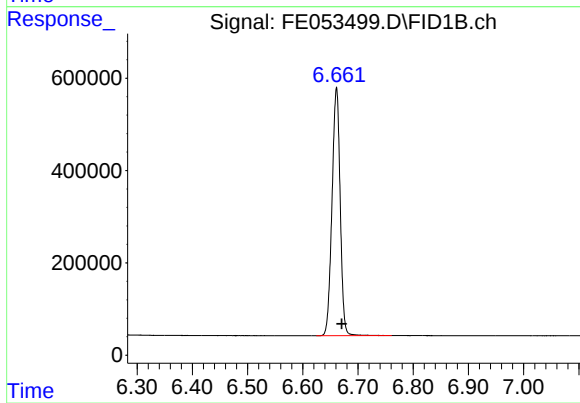
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.007 min
Response: 5368177
Conc: 38.81 ug/ml



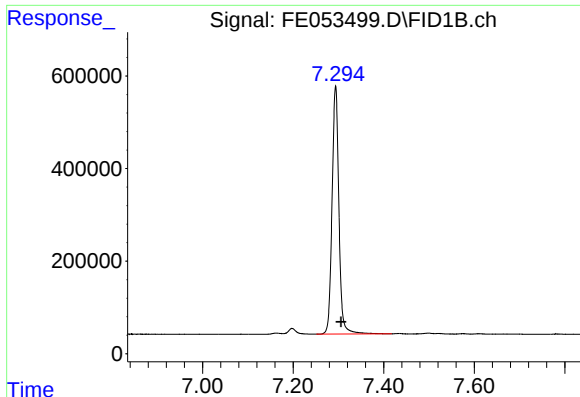
#3 A~Naphthalene (C11.7)

R.T.: 6.192 min
Delta R.T.: -0.011 min
Response: 6200888
Conc: 41.08 ug/ml



#4 n-Dodecane (C12)

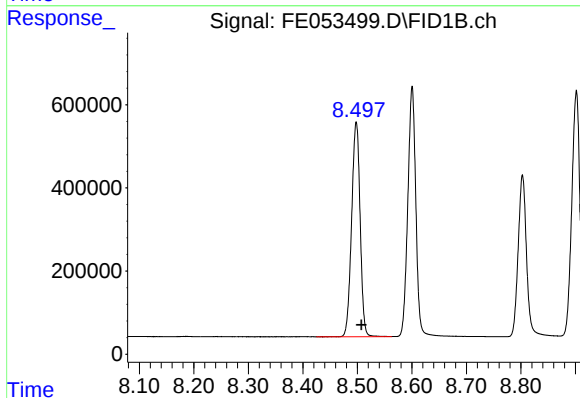
R.T.: 6.661 min
Delta R.T.: -0.010 min
Response: 5516616
Conc: 39.33 ug/ml



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

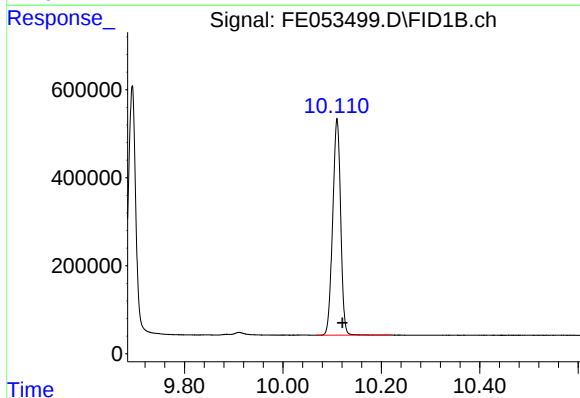
R.T.: 7.294 min
Delta R.T.: -0.012 min
Response: 5620629
Conc: 37.65 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167712BS



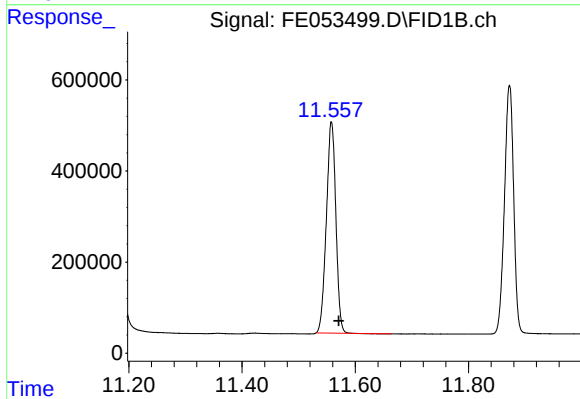
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.010 min
Response: 5591756
Conc: 39.86 ug/ml



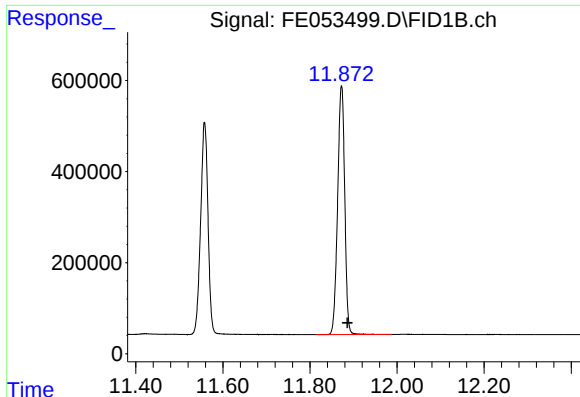
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.011 min
Response: 5524584
Conc: 38.55 ug/ml



#8 n-Octadecane (C18)

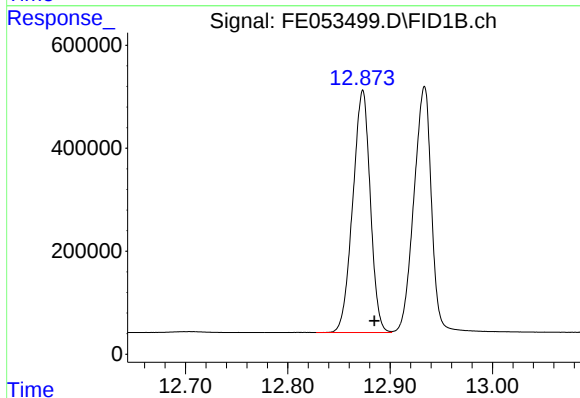
R.T.: 11.558 min
Delta R.T.: -0.013 min
Response: 5391753
Conc: 37.00 ug/ml



#9 ortho-Terphenyl (SURR)

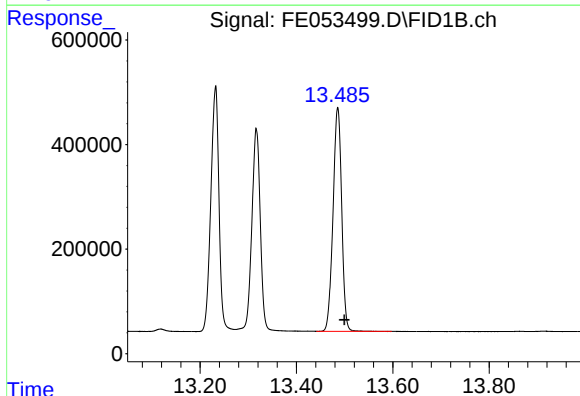
R.T.: 11.872 min
Delta R.T.: -0.014 min
Response: 6196560
Conc: 34.36 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167712BS



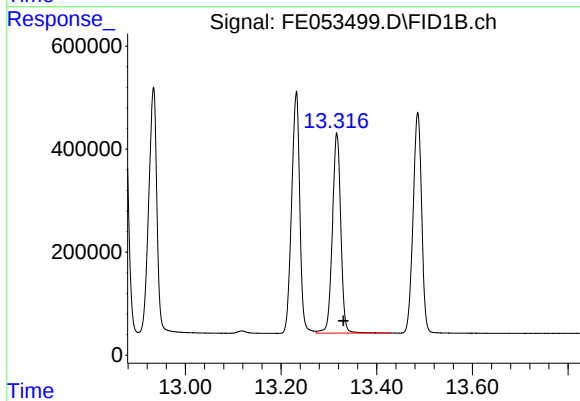
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.012 min
Response: 5592340
Conc: 38.43 ug/ml



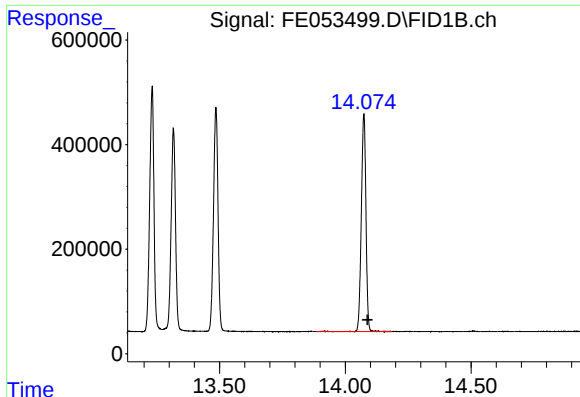
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.014 min
Response: 5337146
Conc: 36.85 ug/ml



#12 1-chlorooctadecane (SURR)

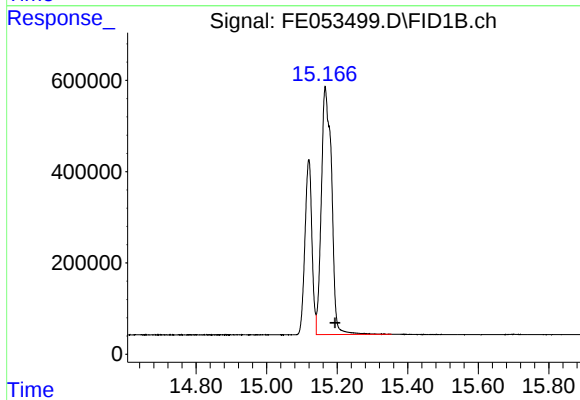
R.T.: 13.317 min
Delta R.T.: -0.014 min
Response: 4776811
Conc: 35.34 ug/ml



#13 n-Docosane (C22)

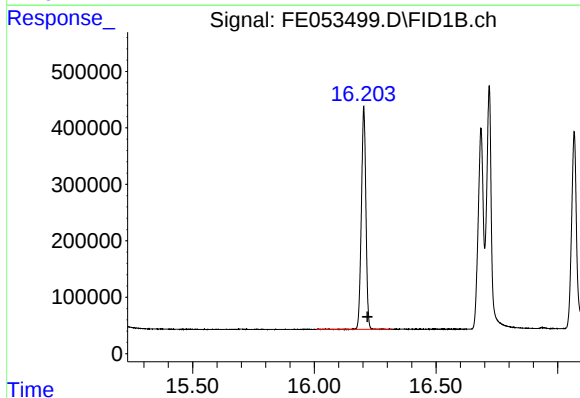
R.T.: 14.073 min
Delta R.T.: -0.014 min
Response: 5296456
Conc: 36.70 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167712BS



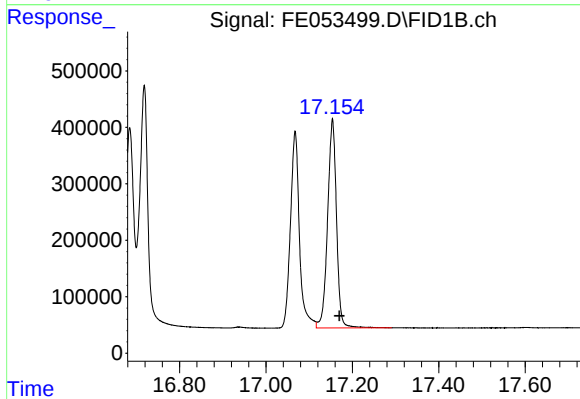
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.025 min
Response: 10937585
Conc: 76.15 ug/ml



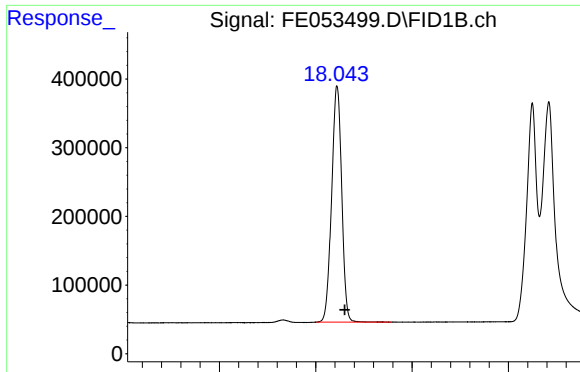
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.015 min
Response: 5123408
Conc: 36.17 ug/ml



#16 n-Octacosane (C28)

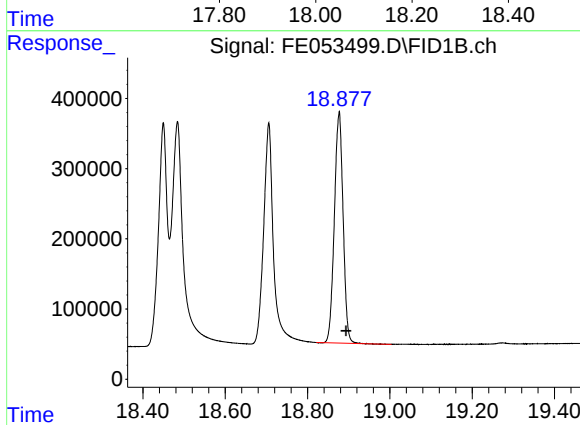
R.T.: 17.154 min
Delta R.T.: -0.016 min
Response: 5304345
Conc: 38.13 ug/ml



#17 n-Tricontane (C30)

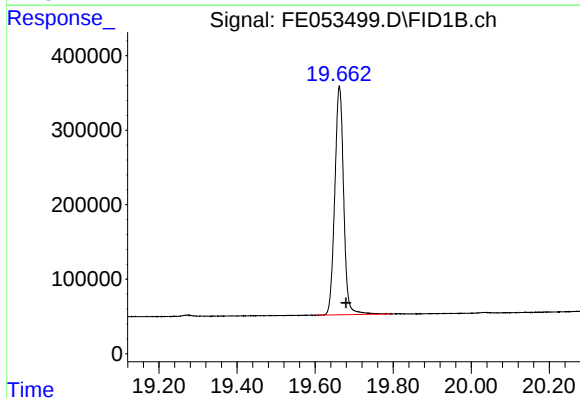
R.T.: 18.044 min
Delta R.T.: -0.016 min
Response: 4990750
Conc: 35.85 ug/ml

Instrument :
FID_E
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PB167712BS



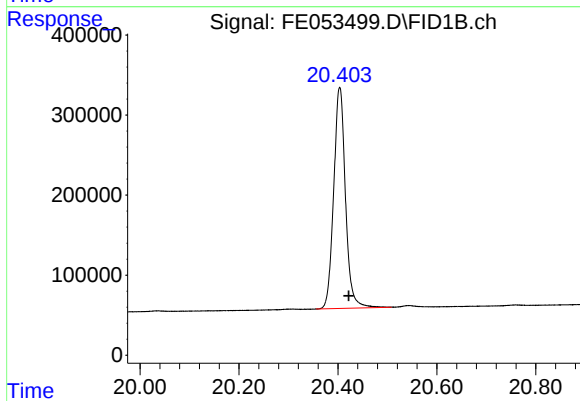
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.017 min
Response: 4840411
Conc: 35.25 ug/ml



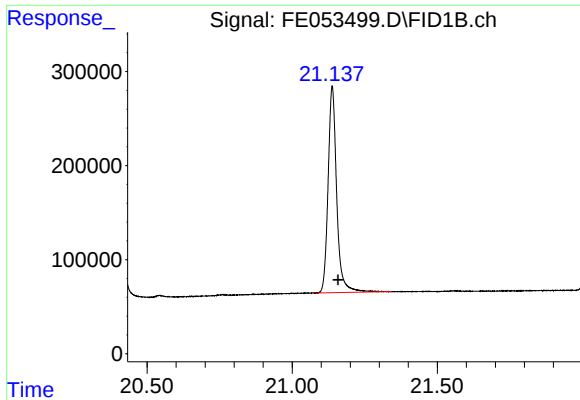
#19 n-Tetratriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.018 min
Response: 4844594
Conc: 37.18 ug/ml



#20 n-Hexatriacontane (C36)

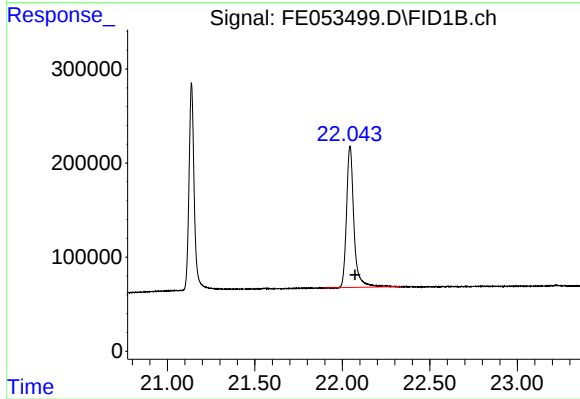
R.T.: 20.403 min
Delta R.T.: -0.018 min
Response: 4564359
Conc: 36.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.020 min
Response: 4520416
Conc: 37.10 ug/ml

Instrument :
FID_E
ClientSampleId :
PB167712BS



#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.030 min
Response: 4446744
Conc: 37.24 ug/ml