

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062525AL\
 Data File : FG016136.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jun 2025 16:03
 Operator : YP\AJ
 Sample : PB168609BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168609BSD

Integration File: autoint1.e
 Quant Time: Jun 26 04:15:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 06:52:22 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)	12.095	6039106	46.806 ug/ml
Spiked Amount 50.000		Recovery =	93.61%
12) S 1-chlorooctadecane (S...	13.536	4871661	48.347 ug/ml
Spiked Amount 50.000		Recovery =	96.69%
Target Compounds			
1) T n-Nonane (C9)	3.433	4690391	43.350 ug/ml
2) T n-Decane (C10)	4.686	4875936	44.451 ug/ml
3) T A~Naphthalene (C11.7)	6.397	5857683	49.026 ug/ml
4) T n-Dodecane (C12)	6.858	4952976	44.982 ug/ml
5) T A~2-methylnaphthalene...	7.499	5473645	47.061 ug/ml
6) T n-Tetradecane (C14)	8.699	4984114	45.385 ug/ml
7) T n-Hexadecane (C16)	10.315	5078503	44.615 ug/ml
8) T n-Octadecane (C18)	11.769	5109974	43.894 ug/ml
10) T n-Eicosane (C20)	13.089	5327649	46.811 ug/ml
11) T n-Heneicosane (C21)	13.704	5148957	45.480 ug/ml
13) T n-Docosane (C22)	14.294	5138582	45.202 ug/ml
14) T n-Tetracosane (C24)	15.397	11257561	97.628 ug/ml
15) T n-Hexacosane (C26)	16.433	5122664	44.515 ug/ml
16) T n-Octacosane (C28)	17.387	5061443	44.598 ug/ml
17) T n-Tricontane (C30)	18.280	5055857	44.160 ug/ml
18) T n-Dotriacontane (C32)	19.115	4943969	45.345 ug/ml
19) T n-Tetratriacontane (C34)	19.902	5050123	51.045 ug/ml
20) T n-Hexatriacontane (C36)	20.646	4700872	55.383 ug/ml
21) T n-Octatriacontane (C38)	21.437	4597987	60.907 ug/ml
22) T n-Tetracontane (C40)	22.437	4371701	63.222 ug/ml

(f)=RT Delta > 1/2 Window

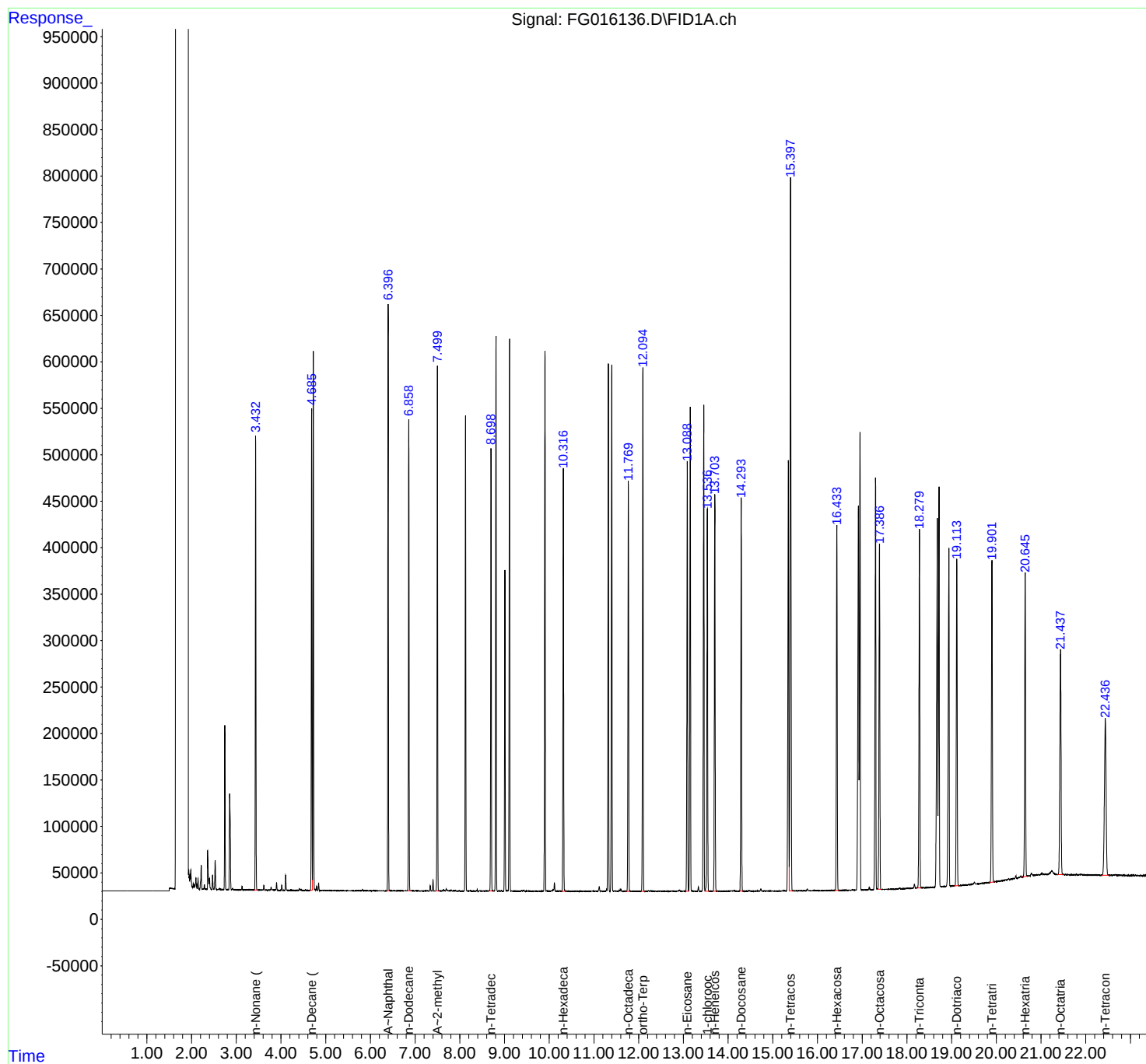
(m)=manual int.

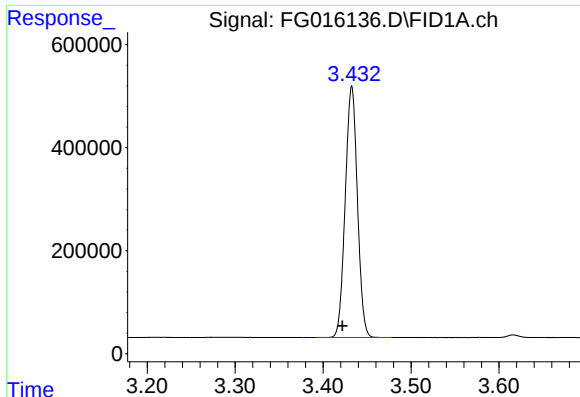
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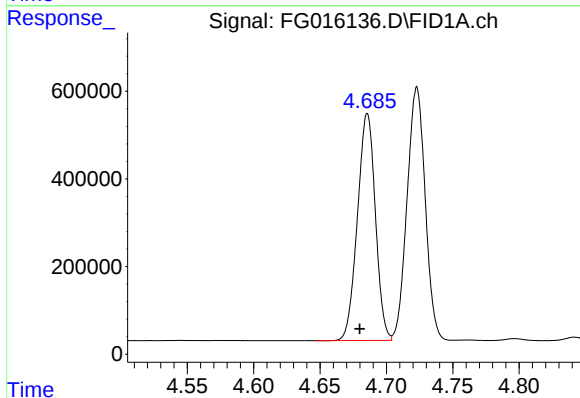




#1 n-Nonane (C9)

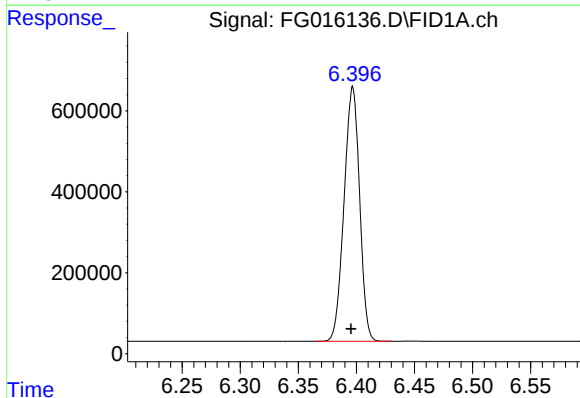
R.T.: 3.433 min
Delta R.T.: 0.011 min
Response: 4690391
Conc: 43.35 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



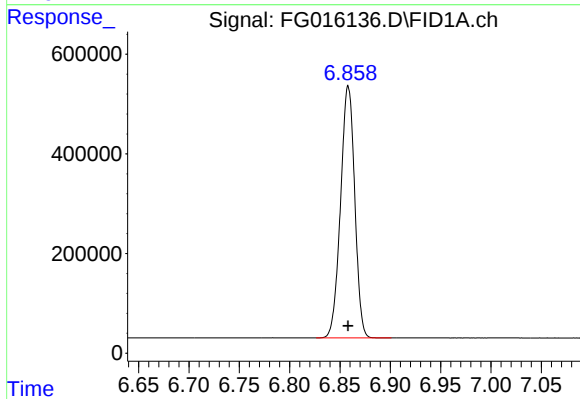
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 4875936
Conc: 44.45 ug/ml



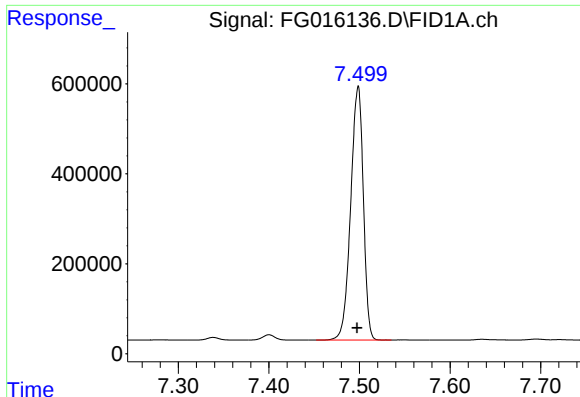
#3 A~Naphthalene (C11.7)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 5857683
Conc: 49.03 ug/ml



#4 n-Dodecane (C12)

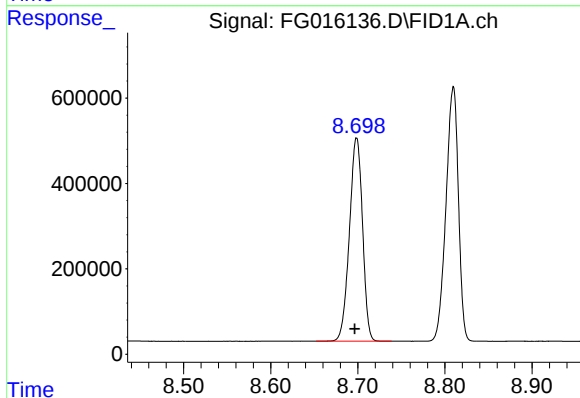
R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 4952976
Conc: 44.98 ug/ml



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

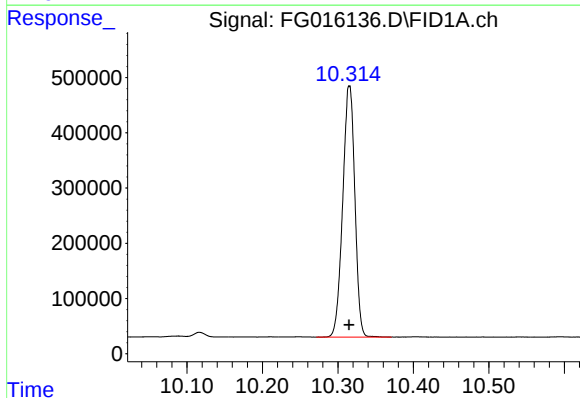
R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 5473645
Conc: 47.06 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



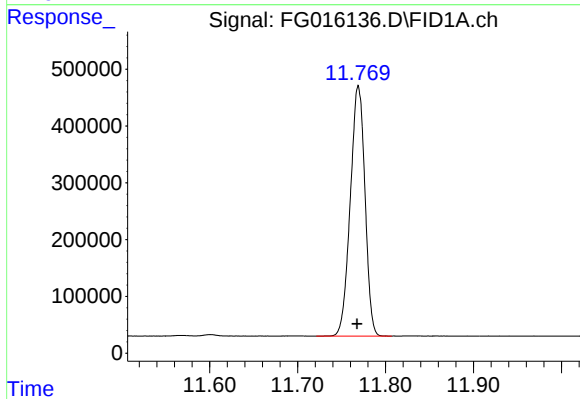
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.002 min
Response: 4984114
Conc: 45.38 ug/ml



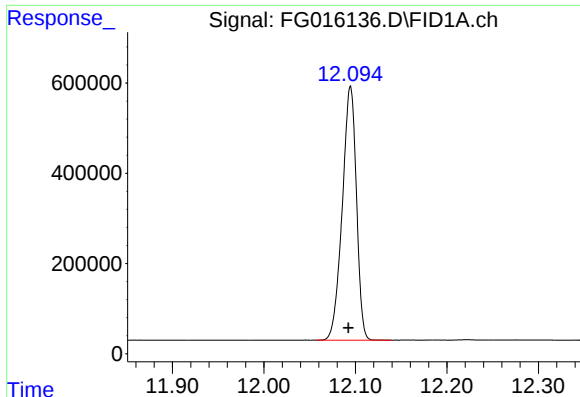
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 5078503
Conc: 44.61 ug/ml



#8 n-Octadecane (C18)

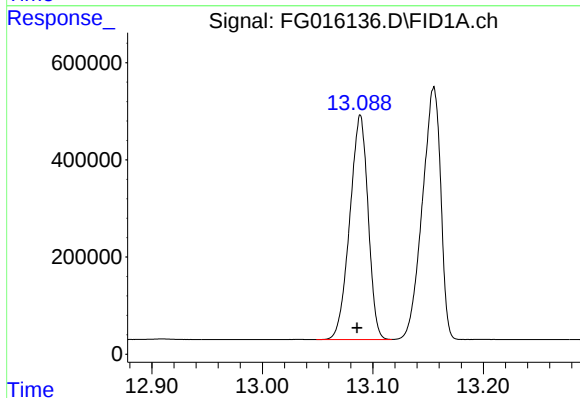
R.T.: 11.769 min
Delta R.T.: 0.002 min
Response: 5109974
Conc: 43.89 ug/ml



#9 ortho-Terphenyl (SURR)

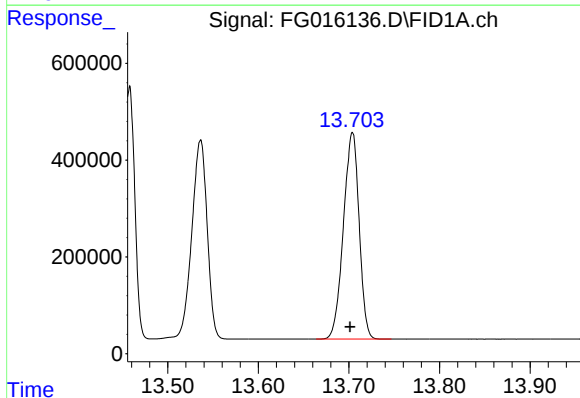
R.T.: 12.095 min
Delta R.T.: 0.002 min
Response: 6039106
Conc: 46.81 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



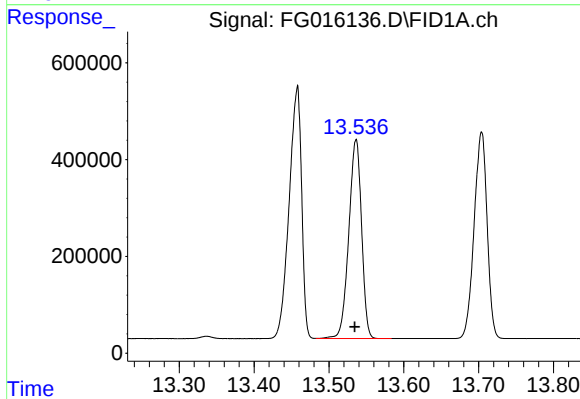
#10 n-Eicosane (C20)

R.T.: 13.089 min
Delta R.T.: 0.003 min
Response: 5327649
Conc: 46.81 ug/ml



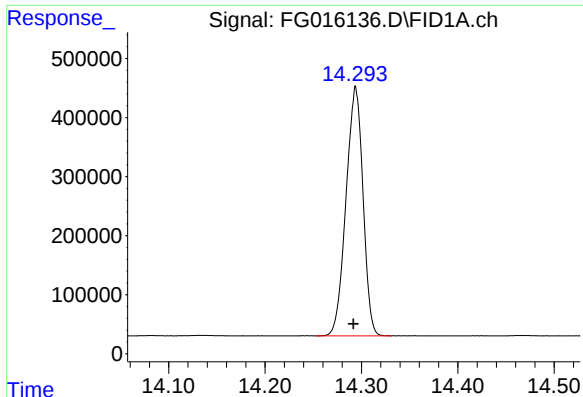
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 5148957
Conc: 45.48 ug/ml



#12 1-chlorooctadecane (SURR)

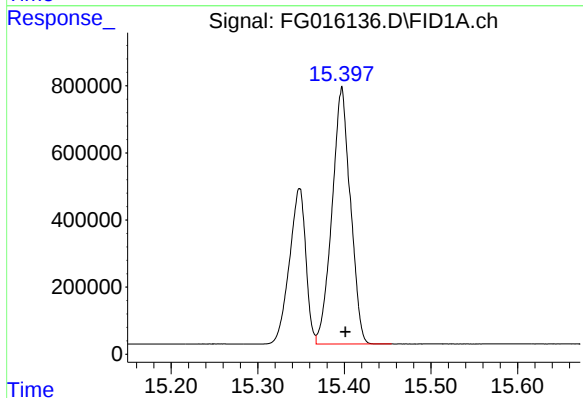
R.T.: 13.536 min
Delta R.T.: 0.002 min
Response: 4871661
Conc: 48.35 ug/ml



#13 n-Docosane (C22)

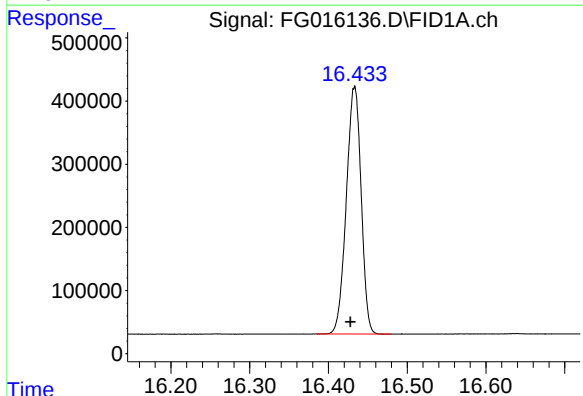
R.T.: 14.294 min
Delta R.T.: 0.002 min
Response: 5138582
Conc: 45.20 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



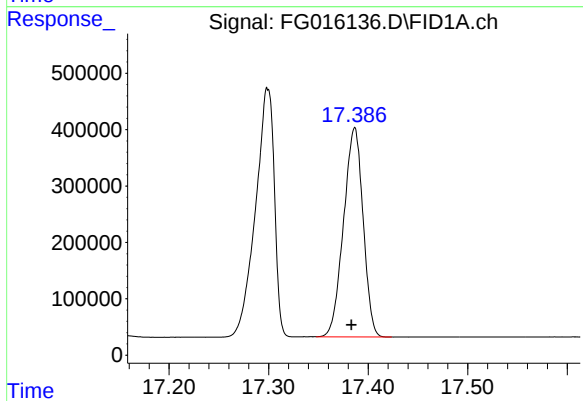
#14 n-Tetracosane (C24)

R.T.: 15.397 min
Delta R.T.: -0.004 min
Response: 11257561
Conc: 97.63 ug/ml



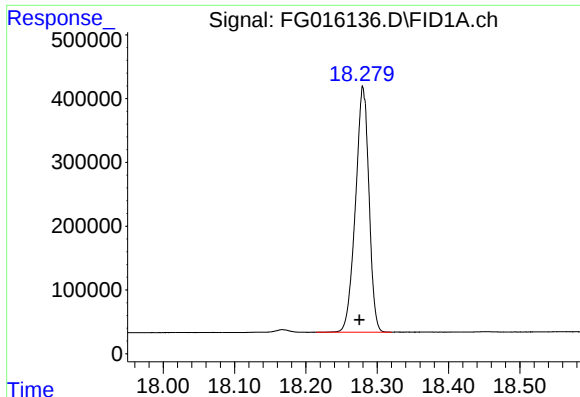
#15 n-Hexacosane (C26)

R.T.: 16.433 min
Delta R.T.: 0.005 min
Response: 5122664
Conc: 44.51 ug/ml



#16 n-Octacosane (C28)

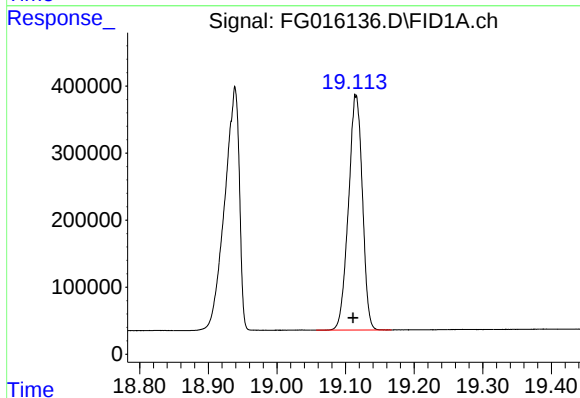
R.T.: 17.387 min
Delta R.T.: 0.003 min
Response: 5061443
Conc: 44.60 ug/ml



#17 n-Tricontane (C30)

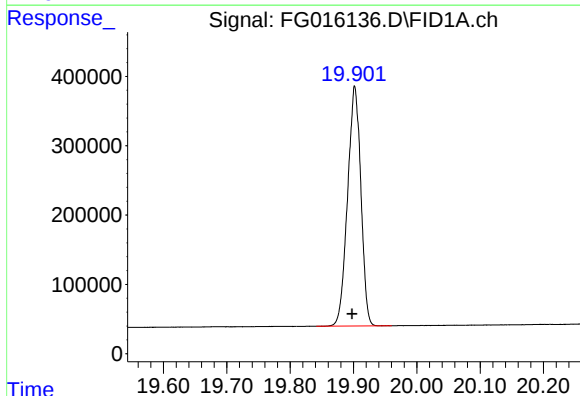
R.T.: 18.280 min
Delta R.T.: 0.005 min
Response: 5055857
Conc: 44.16 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



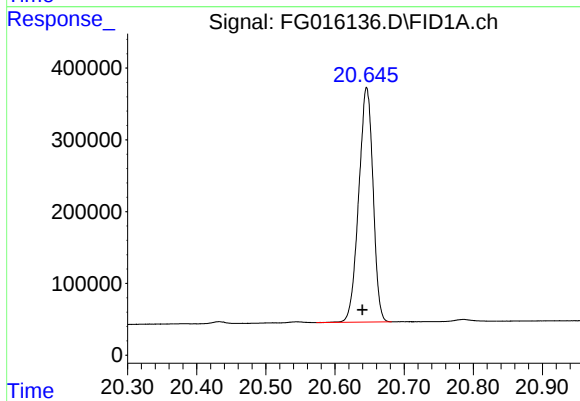
#18 n-Dotriacontane (C32)

R.T.: 19.115 min
Delta R.T.: 0.004 min
Response: 4943969
Conc: 45.35 ug/ml



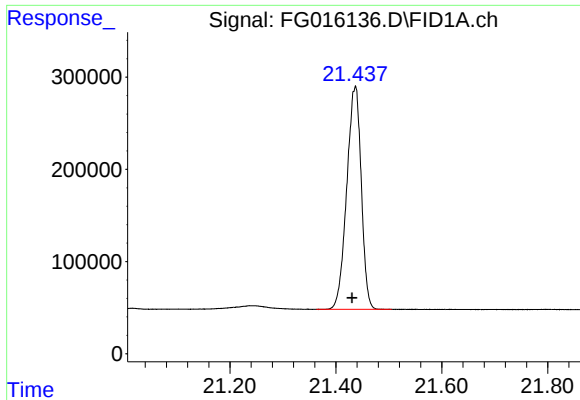
#19 n-Tetratriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.004 min
Response: 5050123
Conc: 51.05 ug/ml



#20 n-Hexatriacontane (C36)

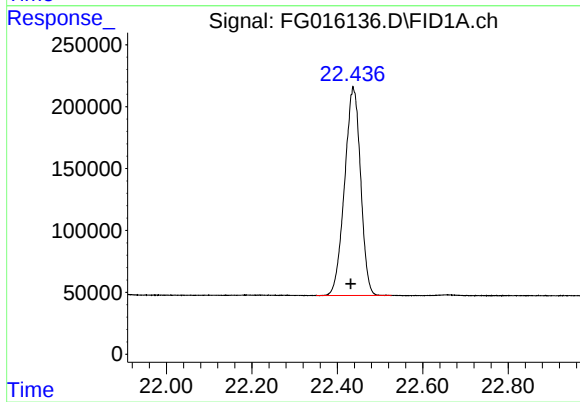
R.T.: 20.646 min
Delta R.T.: 0.006 min
Response: 4700872
Conc: 55.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.437 min
Delta R.T.: 0.007 min
Response: 4597987
Conc: 60.91 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168609BSD



#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 4371701
Conc: 63.22 ug/ml