

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016157.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 16:36
 Operator : YP\AJ
 Sample : PB168635BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 PB168635BSD

Integration File: autoint1.e
 Quant Time: Jun 28 04:31:58 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)	12.093	5048432	39.128 ug/ml
Spiked Amount 50.000		Recovery =	78.26%
12) S 1-chlorooctadecane (S...	13.536	4067682	40.368 ug/ml
Spiked Amount 50.000		Recovery =	80.74%
Target Compounds			
1) T n-Nonane (C9)	3.424	3950392	36.511 ug/ml
2) T n-Decane (C10)	4.681	4182331	38.128 ug/ml
3) T A~Naphthalene (C11.7)	6.394	5101988	42.701 ug/ml
4) T n-Dodecane (C12)	6.856	4322799	39.259 ug/ml
5) T A~2-methylnaphthalene...	7.496	4791365	41.195 ug/ml
6) T n-Tetradecane (C14)	8.697	4358519	39.688 ug/ml
7) T n-Hexadecane (C16)	10.314	4459516	39.177 ug/ml
8) T n-Octadecane (C18)	11.769	4488553	38.556 ug/ml
10) T n-Eicosane (C20)	13.088	4670360	41.036 ug/ml
11) T n-Heneicosane (C21)	13.703	4508892	39.827 ug/ml
13) T n-Docosane (C22)	14.295	4498142	39.568 ug/ml
14) T n-Tetracosane (C24)	15.395	9774195	84.764 ug/ml
15) T n-Hexacosane (C26)	16.434	4455294	38.716 ug/ml
16) T n-Octacosane (C28)	17.388	4390381	38.685 ug/ml
17) T n-Tricontane (C30)	18.282	4378332	38.242 ug/ml
18) T n-Dotriacontane (C32)	19.117	4351911	39.915 ug/ml
19) T n-Tetratriacontane (C34)	19.905	4731896	47.829 ug/ml
20) T n-Hexatriacontane (C36)	20.649	4871092	57.388 ug/ml
21) T n-Octatriacontane (C38)	21.437	5198674	68.864 ug/ml
22) T n-Tetracontane (C40)	22.441	5280246	76.361 ug/ml

(f)=RT Delta > 1/2 Window

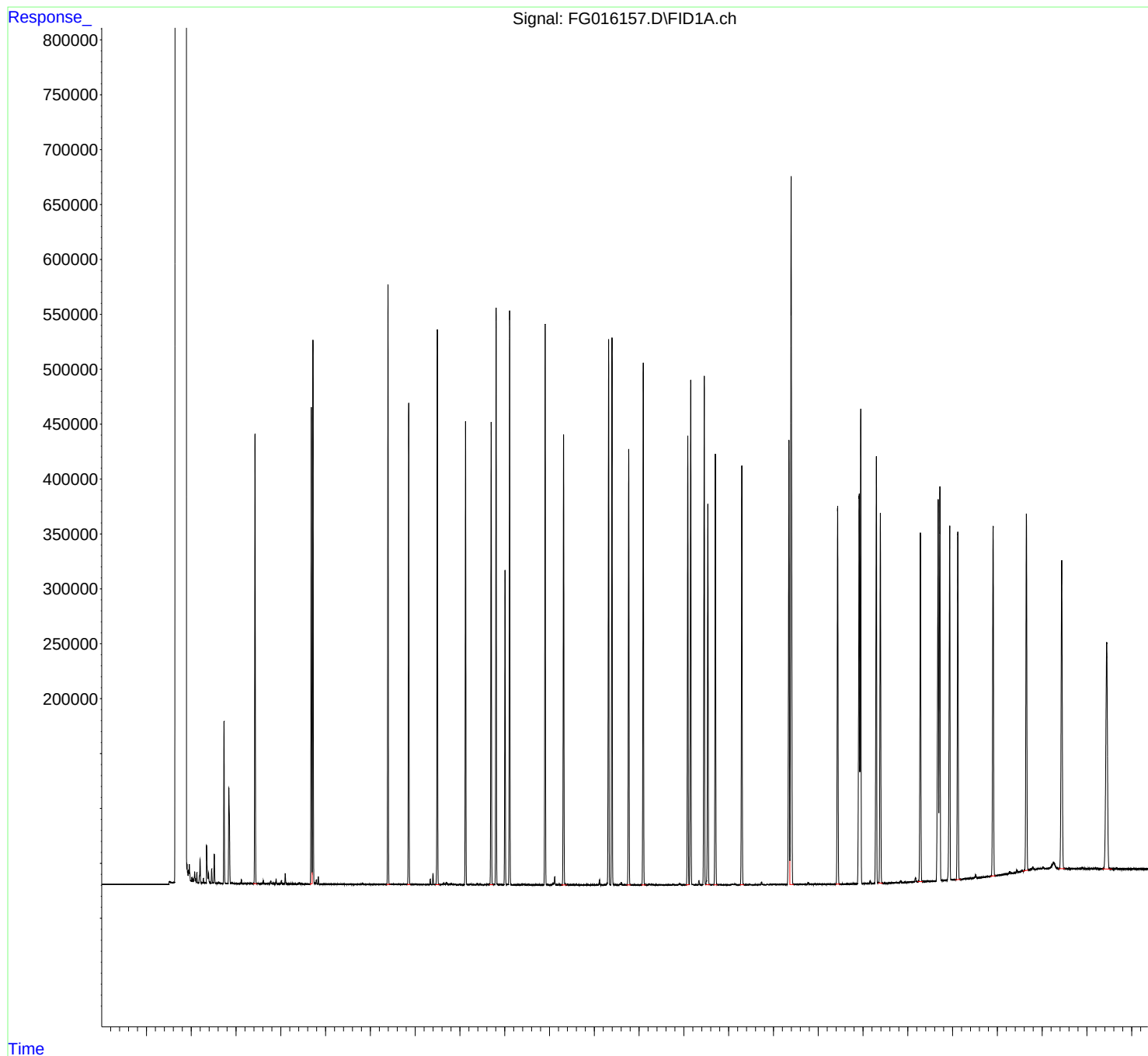
(m)=manual int.

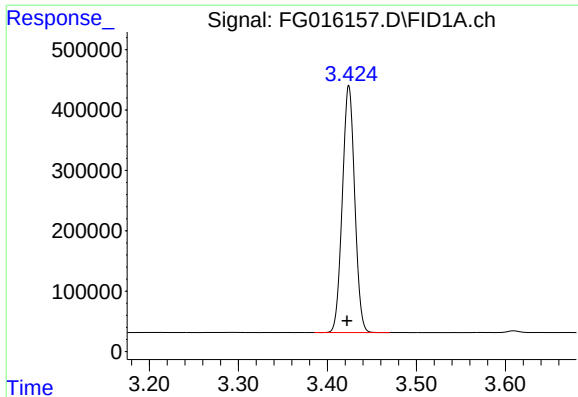
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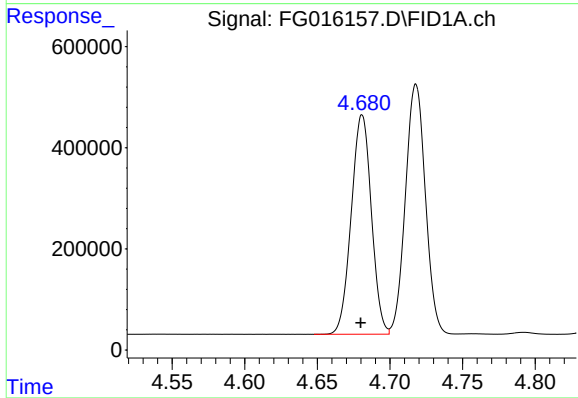




#1 n-Nonane (C9)

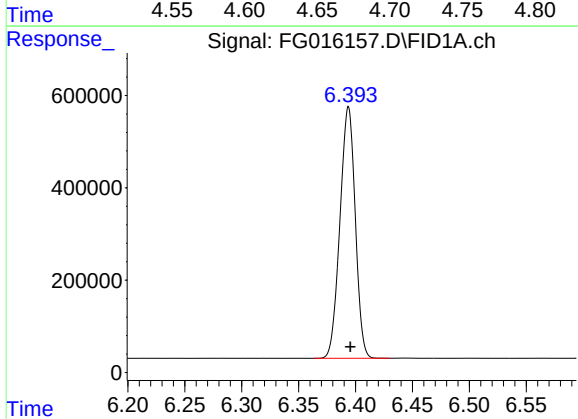
R.T.: 3.424 min
Delta R.T.: 0.002 min
Response: 3950392
Conc: 36.51 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168635BSD



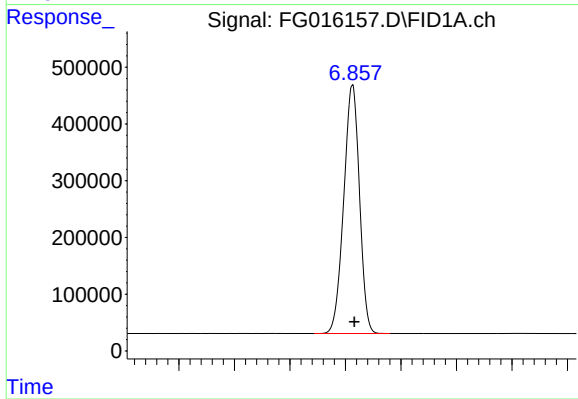
#2 n-Decane (C10)

R.T.: 4.681 min
Delta R.T.: 0.001 min
Response: 4182331
Conc: 38.13 ug/ml



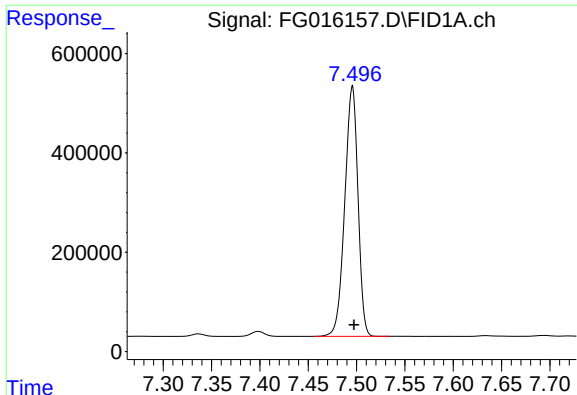
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 5101988
Conc: 42.70 ug/ml



#4 n-Dodecane (C12)

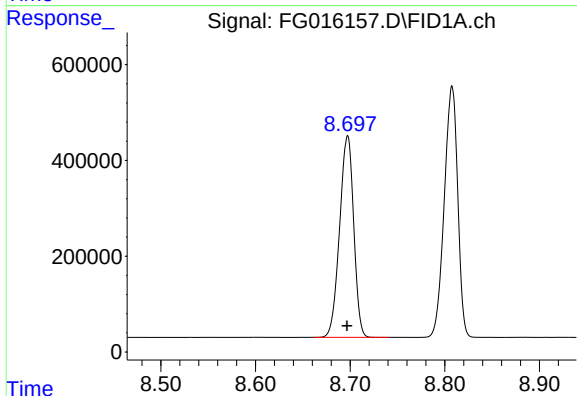
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 4322799
Conc: 39.26 ug/ml



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

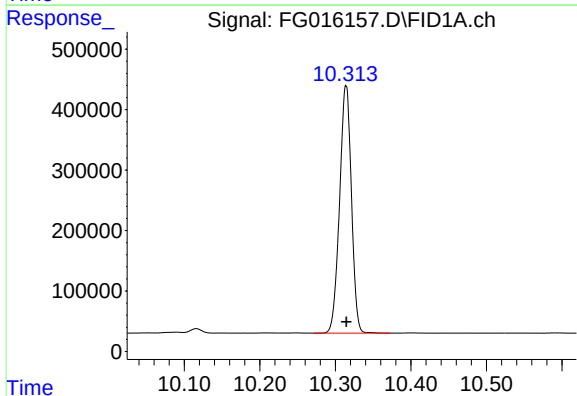
R.T.: 7.496 min
Delta R.T.: -0.002 min
Response: 4791365
Conc: 41.20 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168635BSD



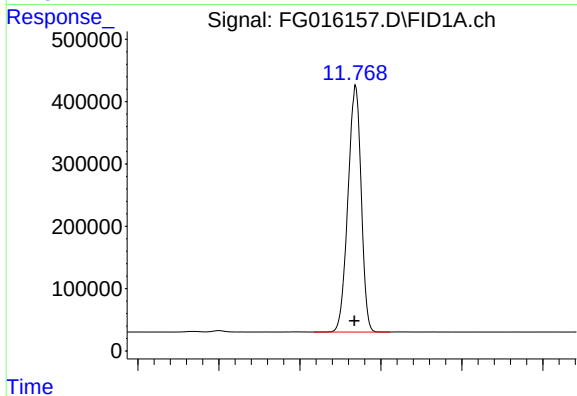
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 4358519
Conc: 39.69 ug/ml



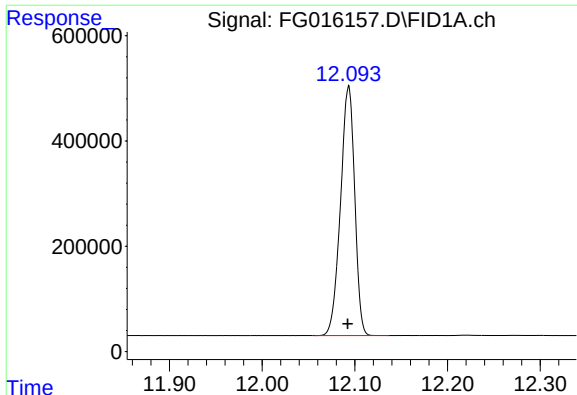
#7 n-Hexadecane (C16)

R.T.: 10.314 min
Delta R.T.: 0.000 min
Response: 4459516
Conc: 39.18 ug/ml



#8 n-Octadecane (C18)

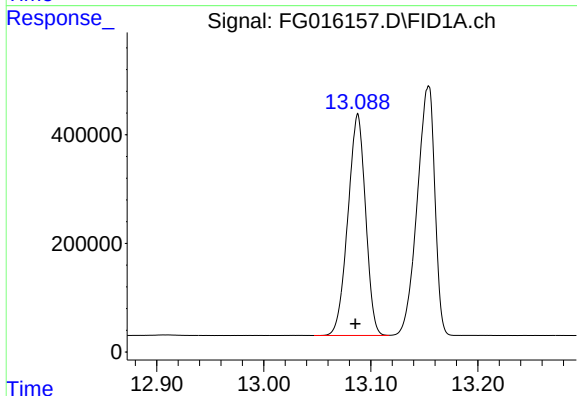
R.T.: 11.769 min
Delta R.T.: 0.001 min
Response: 4488553
Conc: 38.56 ug/ml



#9 ortho-Terphenyl (SURR)

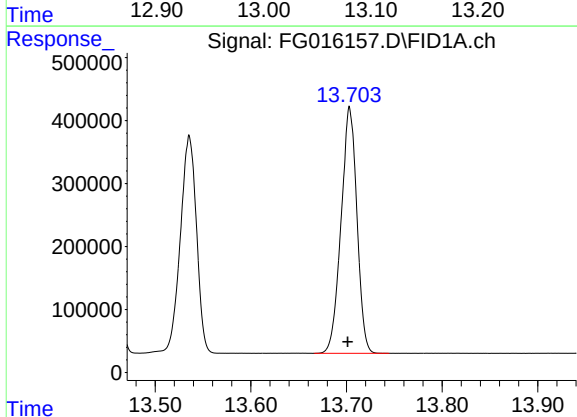
R.T.: 12.093 min
Delta R.T.: 0.000 min
Response: 5048432
Conc: 39.13 ug/ml

Instrument :
FID_G
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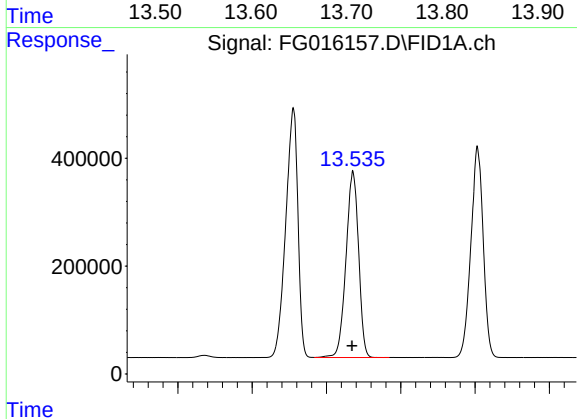
#10 n-Eicosane (C20)

R.T.: 13.088 min
Delta R.T.: 0.002 min
Response: 4670360
Conc: 41.04 ug/ml



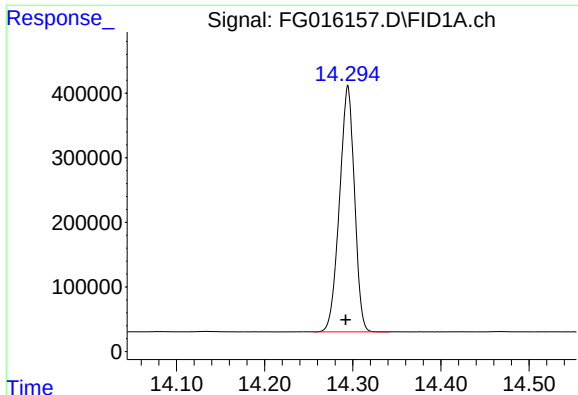
#11 n-Heneicosane (C21)

R.T.: 13.703 min
Delta R.T.: 0.002 min
Response: 4508892
Conc: 39.83 ug/ml



#12 1-chlorooctadecane (SURR)

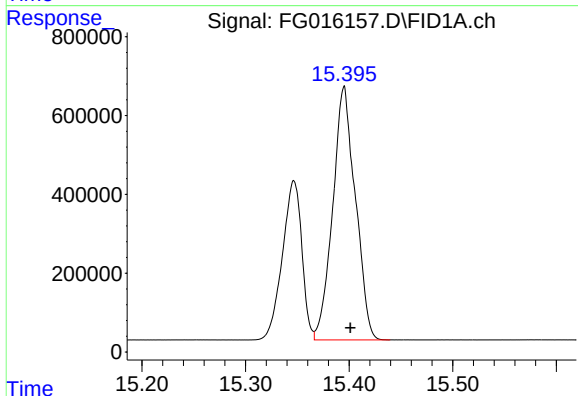
R.T.: 13.536 min
Delta R.T.: 0.001 min
Response: 4067682
Conc: 40.37 ug/ml



#13 n-Docosane (C22)

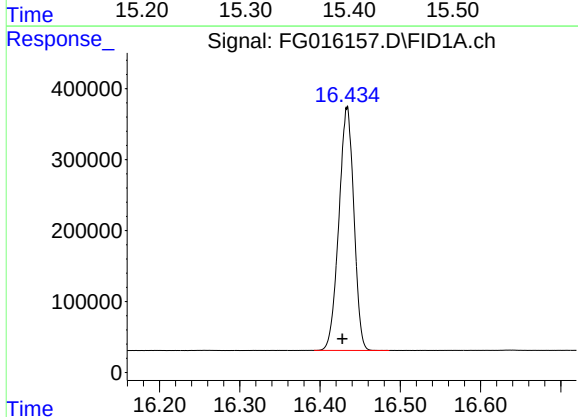
R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 4498142
Conc: 39.57 ug/ml

Instrument :
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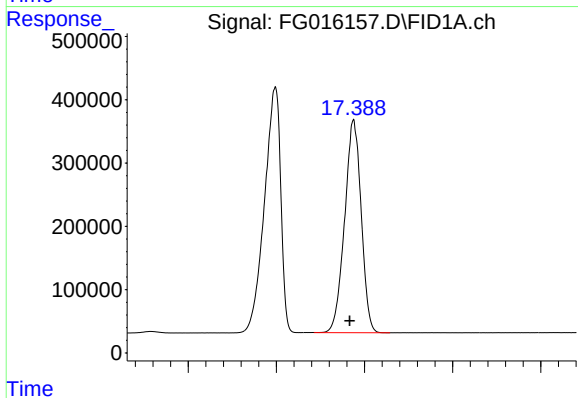
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: -0.006 min
Response: 9774195
Conc: 84.76 ug/ml



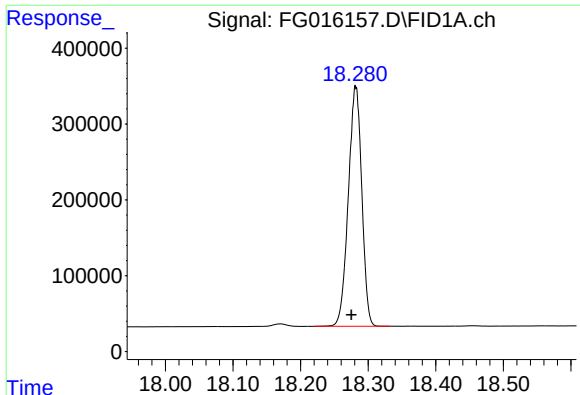
#15 n-Hexacosane (C26)

R.T.: 16.434 min
Delta R.T.: 0.006 min
Response: 4455294
Conc: 38.72 ug/ml



#16 n-Octacosane (C28)

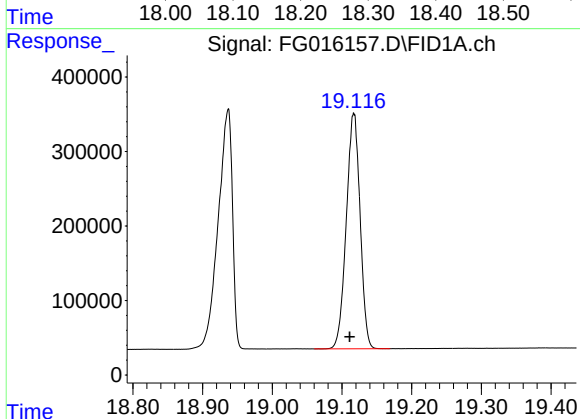
R.T.: 17.388 min
Delta R.T.: 0.004 min
Response: 4390381
Conc: 38.68 ug/ml



#17 n-Tricontane (C30)

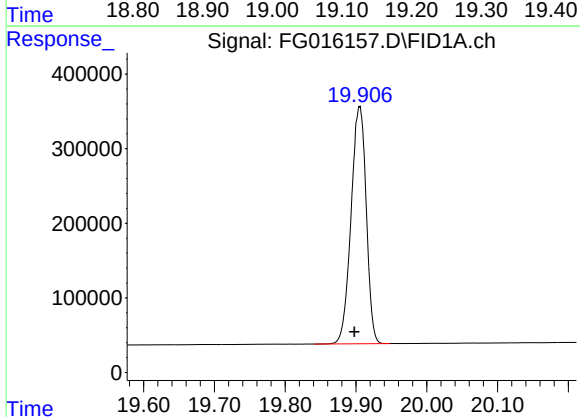
R.T.: 18.282 min
Delta R.T.: 0.007 min
Response: 4378332
Conc: 38.24 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168635BSD



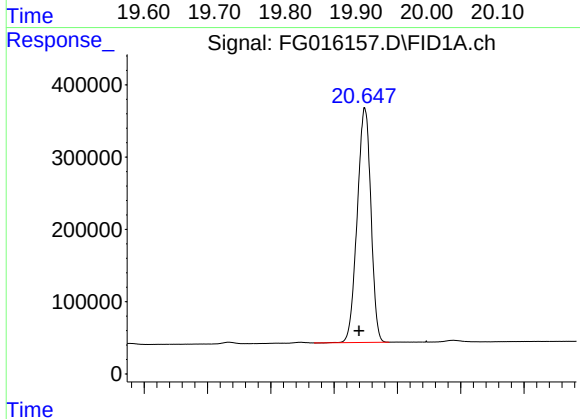
#18 n-Dotriacontane (C32)

R.T.: 19.117 min
Delta R.T.: 0.006 min
Response: 4351911
Conc: 39.91 ug/ml



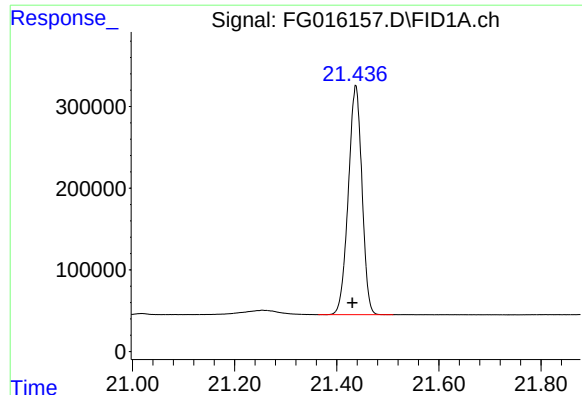
#19 n-Tetratriacontane (C34)

R.T.: 19.905 min
Delta R.T.: 0.008 min
Response: 4731896
Conc: 47.83 ug/ml



#20 n-Hexatriacontane (C36)

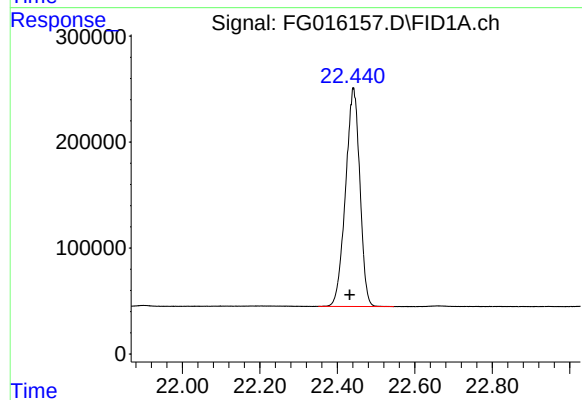
R.T.: 20.649 min
Delta R.T.: 0.009 min
Response: 4871092
Conc: 57.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.437 min
Delta R.T.: 0.007 min
Response: 5198674
Conc: 68.86 ug/ml

Instrument :
FID_G
ClientSampleId :
PB168635BSD



#22 n-Tetracontane (C40)

R.T.: 22.441 min
Delta R.T.: 0.009 min
Response: 5280246
Conc: 76.36 ug/ml