

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG062725AL\
 Data File : FG016161.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 18:35
 Operator : YP\AJ
 Sample : Q2430-01MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 28 04:32:38 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)	12.092	4059736	31.465 ug/ml
Spiked Amount 50.000		Recovery =	62.93%
12) S 1-chlorooctadecane (S...	13.536	3319291	32.941 ug/ml
Spiked Amount 50.000		Recovery =	65.88%
Target Compounds			
1) T n-Nonane (C9)	3.419	3054405	28.230 ug/ml
2) T n-Decane (C10)	4.678	3383398	30.844 ug/ml
3) T A~Naphthalene (C11.7)	6.393	4203618	35.182 ug/ml
4) T n-Dodecane (C12)	6.856	3608154	32.768 ug/ml
5) T A~2-methylnaphthalene...	7.495	4070110	34.994 ug/ml
6) T n-Tetradecane (C14)	8.697	3856326	35.115 ug/ml
7) T n-Hexadecane (C16)	10.315	4336700	38.098 ug/ml
8) T n-Octadecane (C18)	11.769	4581506	39.355 ug/ml
10) T n-Eicosane (C20)	13.089	4825392	42.398 ug/ml
11) T n-Heneicosane (C21)	13.704	4669395	41.244 ug/ml
13) T n-Docosane (C22)	14.295	4666068	41.045 ug/ml
14) T n-Tetracosane (C24)	15.395	10085958	87.467 ug/ml
15) T n-Hexacosane (C26)	16.434	4625995	40.199 ug/ml
16) T n-Octacosane (C28)	17.387	4523940	39.862 ug/ml
17) T n-Tricontane (C30)	18.281	4472075	39.061 ug/ml
18) T n-Dotriacontane (C32)	19.116	4324519	39.664 ug/ml
19) T n-Tetratriacontane (C34)	19.904	4368605	44.157 ug/ml
20) T n-Hexatriacontane (C36)	20.647	4056669	47.793 ug/ml
21) T n-Octatriacontane (C38)	21.436	3946023	52.271 ug/ml
22) T n-Tetracontane (C40)	22.437	3744289	54.148 ug/ml

(f)=RT Delta > 1/2 Window

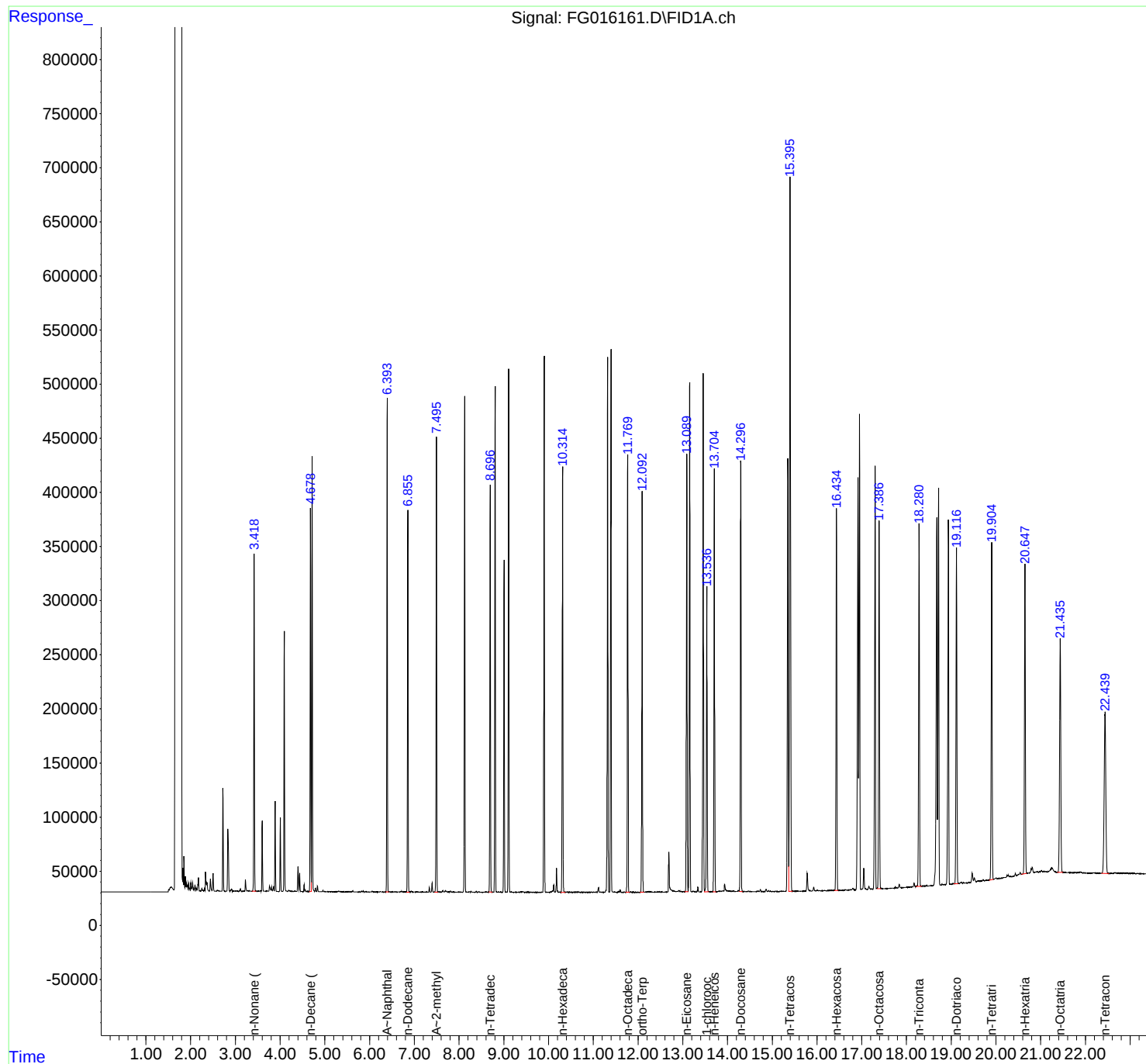
(m)=manual int.

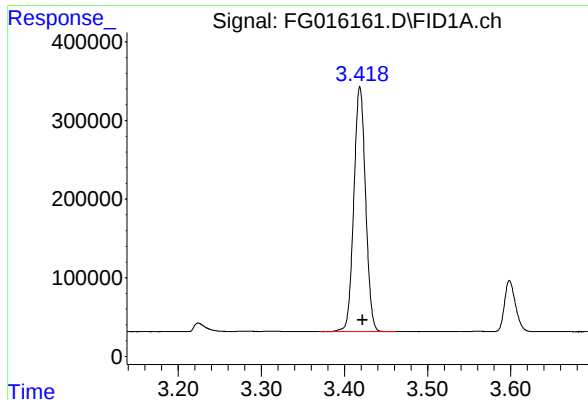
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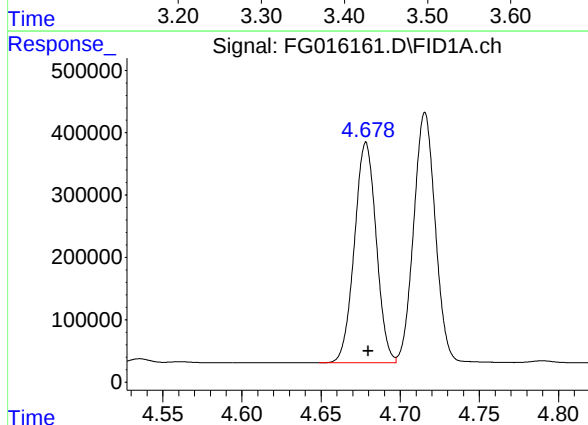




#1 n-Nonane (C9)

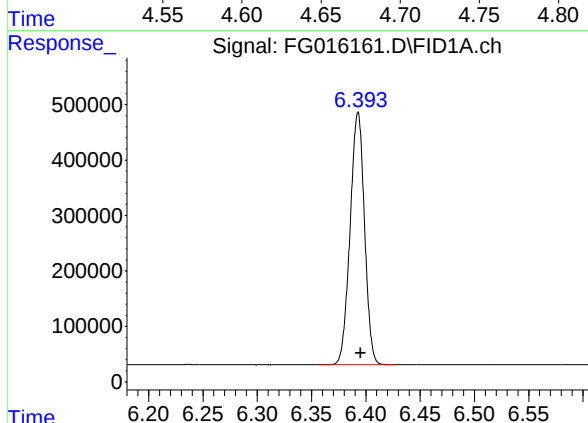
R.T.: 3.419 min
Delta R.T.: -0.003 min
Response: 3054405
Conc: 28.23 ug/ml

Instrument :
FID_G
ClientSampleId :



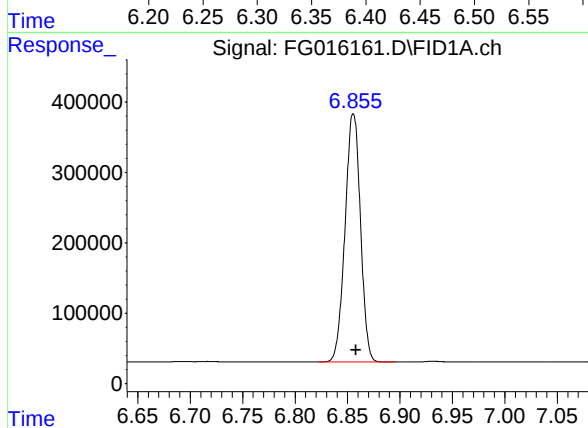
#2 n-Decane (C10)

R.T.: 4.678 min
Delta R.T.: -0.001 min
Response: 3383398
Conc: 30.84 ug/ml



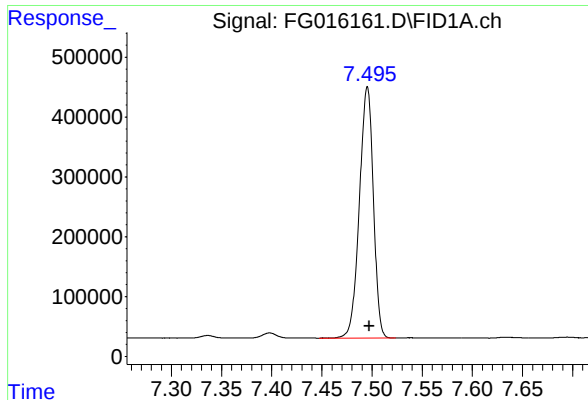
#3 A~Naphthalene (C11.7)

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 4203618
Conc: 35.18 ug/ml



#4 n-Dodecane (C12)

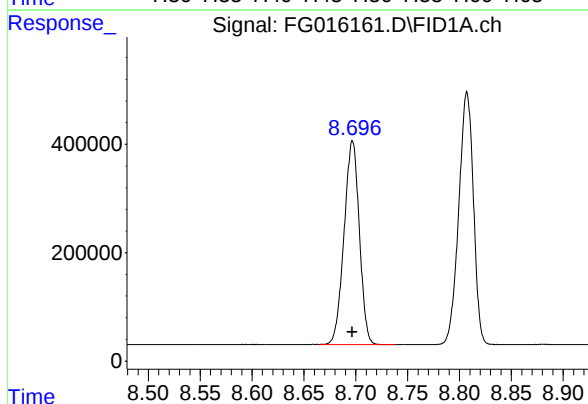
R.T.: 6.856 min
Delta R.T.: -0.002 min
Response: 3608154
Conc: 32.77 ug/ml



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

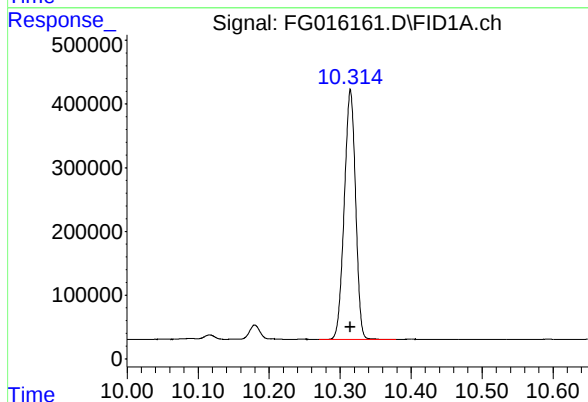
R.T.: 7.495 min
Delta R.T.: -0.002 min
Response: 4070110
Conc: 34.99 ug/ml

Instrument :
FID_G
ClientSampleId :



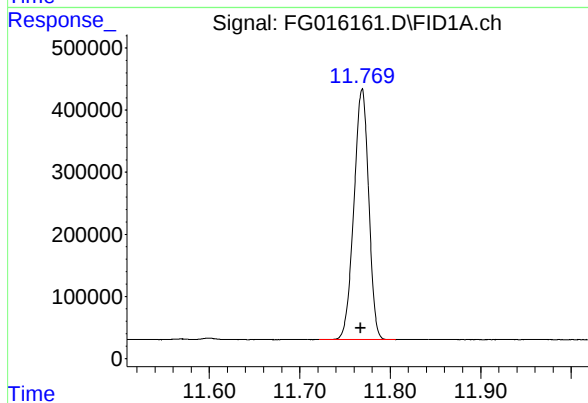
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 3856326
Conc: 35.12 ug/ml



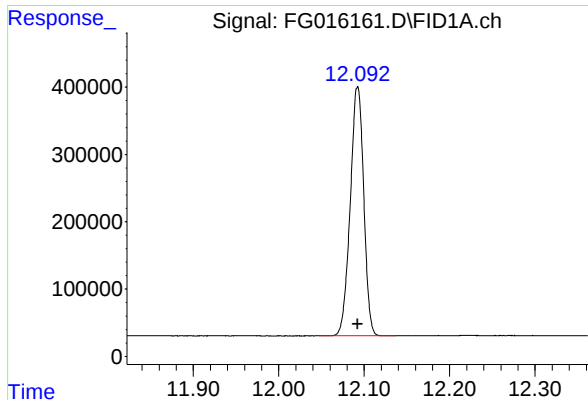
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.000 min
Response: 4336700
Conc: 38.10 ug/ml



#8 n-Octadecane (C18)

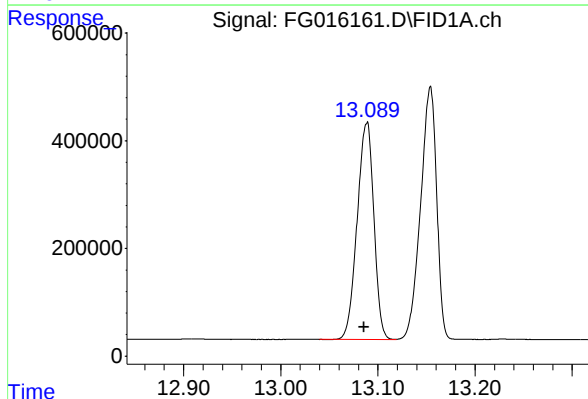
R.T.: 11.769 min
Delta R.T.: 0.001 min
Response: 4581506
Conc: 39.35 ug/ml



#9 ortho-Terphenyl (SURR)

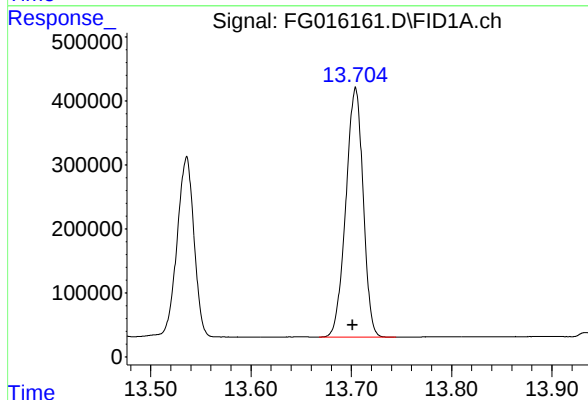
R.T.: 12.092 min
Delta R.T.: 0.000 min
Response: 4059736
Conc: 31.46 ug/ml

Instrument :
FID_G
ClientSampleId :



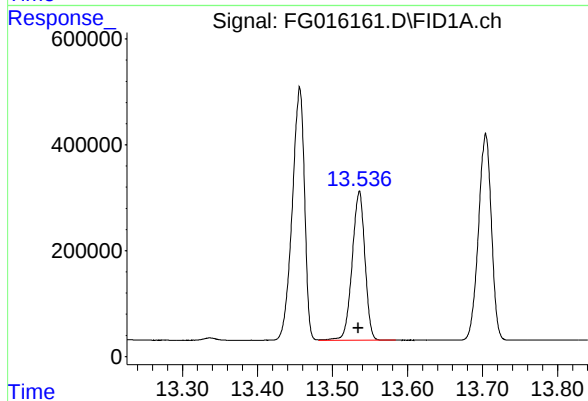
#10 n-Eicosane (C20)

R.T.: 13.089 min
Delta R.T.: 0.003 min
Response: 4825392
Conc: 42.40 ug/ml



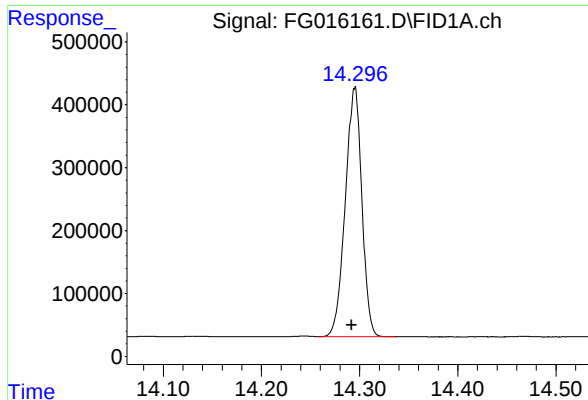
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.003 min
Response: 4669395
Conc: 41.24 ug/ml



#12 1-chlorooctadecane (SURR)

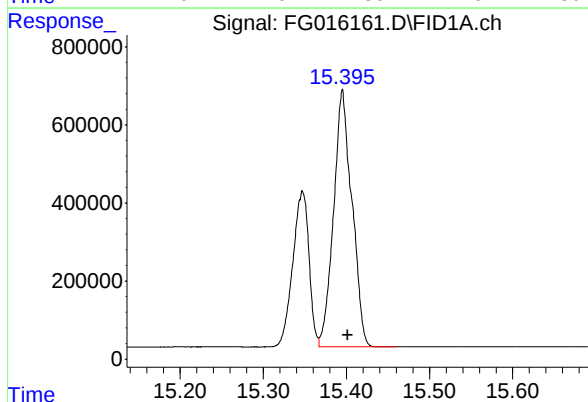
R.T.: 13.536 min
Delta R.T.: 0.002 min
Response: 3319291
Conc: 32.94 ug/ml



#13 n-Docosane (C22)

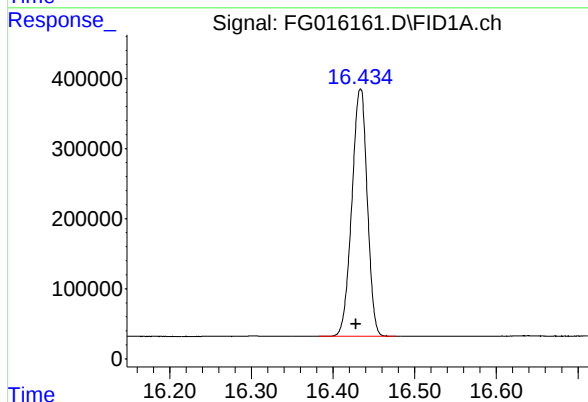
R.T.: 14.295 min
Delta R.T.: 0.003 min
Response: 4666068
Conc: 41.05 ug/ml

Instrument :
FID_G
ClientSampleId :



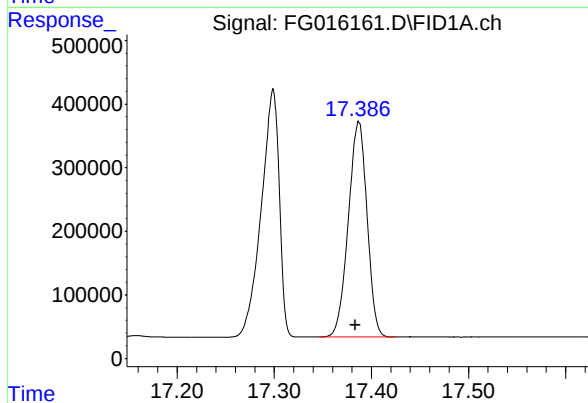
#14 n-Tetracosane (C24)

R.T.: 15.395 min
Delta R.T.: -0.006 min
Response: 10085958
Conc: 87.47 ug/ml



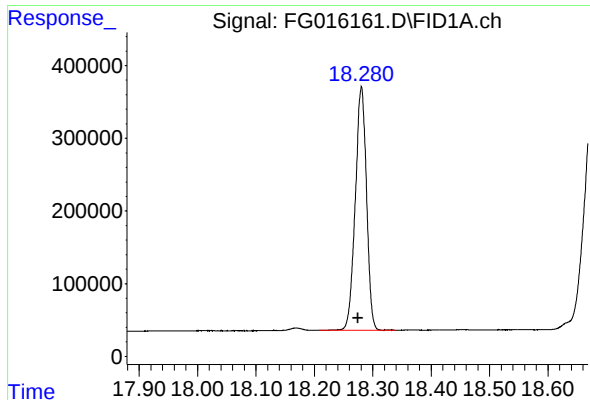
#15 n-Hexacosane (C26)

R.T.: 16.434 min
Delta R.T.: 0.006 min
Response: 4625995
Conc: 40.20 ug/ml



#16 n-Octacosane (C28)

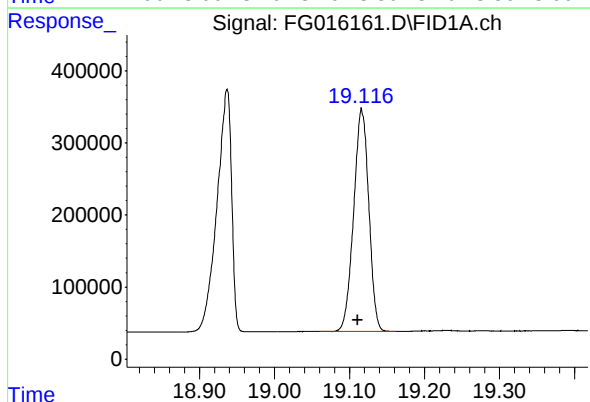
R.T.: 17.387 min
Delta R.T.: 0.004 min
Response: 4523940
Conc: 39.86 ug/ml



#17 n-Tricontane (C30)

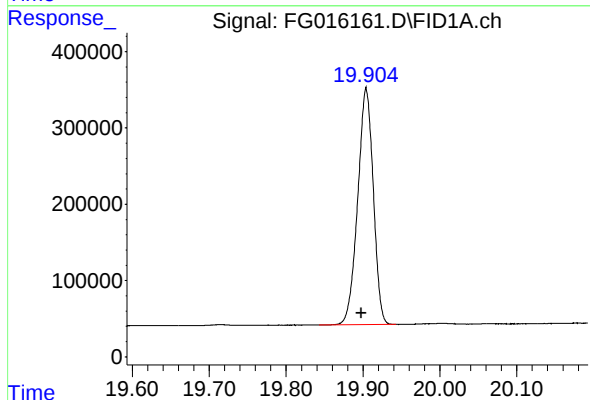
R.T.: 18.281 min
Delta R.T.: 0.006 min
Response: 4472075
Conc: 39.06 ug/ml

Instrument :
FID_G
ClientSampleId :



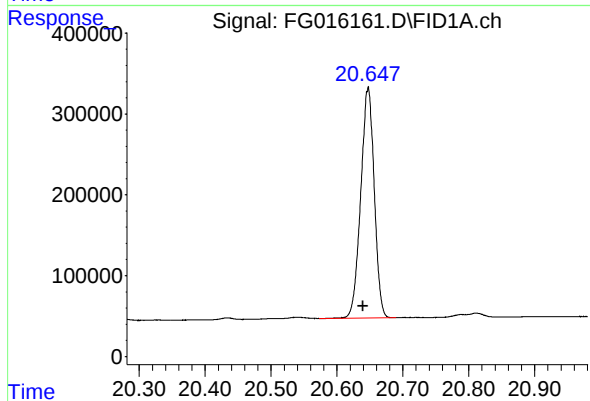
#18 n-Dotriacontane (C32)

R.T.: 19.116 min
Delta R.T.: 0.005 min
Response: 4324519
Conc: 39.66 ug/ml



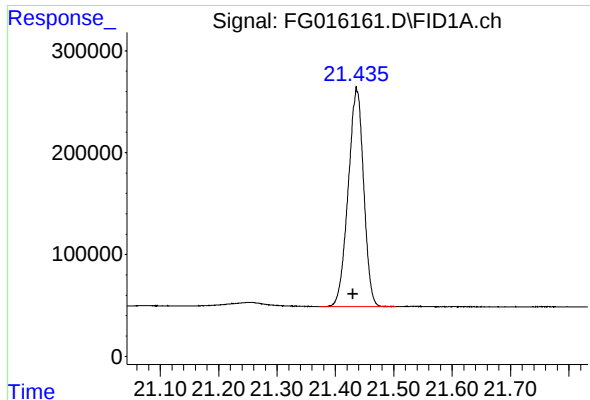
#19 n-Tetratriacontane (C34)

R.T.: 19.904 min
Delta R.T.: 0.006 min
Response: 4368605
Conc: 44.16 ug/ml



#20 n-Hexatriacontane (C36)

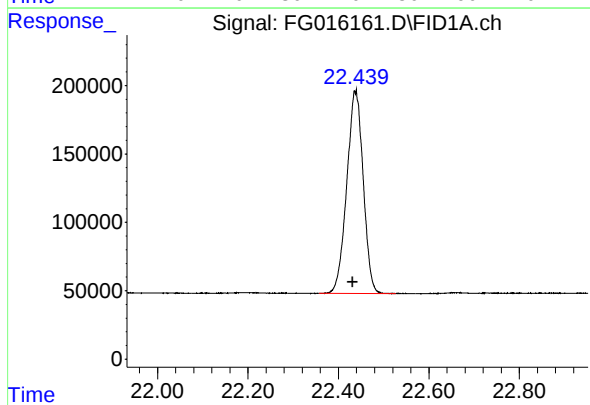
R.T.: 20.647 min
Delta R.T.: 0.008 min
Response: 4056669
Conc: 47.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.436 min
Delta R.T.: 0.006 min
Response: 3946023
Conc: 52.27 ug/ml

Instrument :
FID_G
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.437 min
Delta R.T.: 0.005 min
Response: 3744289
Conc: 54.15 ug/ml