

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092425AL\
 Data File : FE055975.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2025 17:00
 Operator : YP\AJ
 Sample : Q3159-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-245MS

Integration File: autoint1.e
 Quant Time: Sep 25 08:03:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.072	5110162	27.232 ug/ml
Spiked Amount 50.000		Recovery =	54.46%
12) S 1-chlorooctadecane (S...	13.508	4210702	30.170 ug/ml
Spiked Amount 50.000		Recovery =	60.34%
Target Compounds			
1) T n-Nonane (C9)	3.410	4942781	36.081 ug/ml
2) T n-Decane (C10)	4.669	5531921	39.637 ug/ml
3) T A~Naphthalene (C11.7)	6.387	6938471	43.457 ug/ml
4) T n-Dodecane (C12)	6.844	6031644	42.024 ug/ml
5) T A~2-methylnaphthalene...	7.488	6787141	43.642 ug/ml
6) T n-Tetradecane (C14)	8.682	6536062	44.209 ug/ml
7) T n-Hexadecane (C16)	10.297	7509398	47.256 ug/ml
8) T n-Octadecane (C18)	11.747	8397230	49.575 ug/ml
10) T n-Eicosane (C20)	13.062	9266167	55.899 ug/ml
11) T n-Heneicosane (C21)	13.676	9042030	55.646 ug/ml
13) T n-Docosane (C22)	14.265	9043505	56.596 ug/ml
14) T n-Tetracosane (C24)	15.373	17087935	112.140 ug/ml
15) T n-Hexacosane (C26)	16.397	8179076	57.344 ug/ml
16) T n-Octacosane (C28)	17.347	7729903	55.489 ug/ml
17) T n-Tricontane (C30)	18.239	7794592	52.602 ug/ml
18) T n-Dotriacontane (C32)	19.073	7709433	51.672 ug/ml
19) T n-Tetratriacontane (C34)	19.858	7821405	55.294 ug/ml
20) T n-Hexatriacontane (C36)	20.599	7898769	61.531 ug/ml
21) T n-Octatriacontane (C38)	21.377	8142114	61.991 ug/ml
22) T n-Tetracontane (C40)	22.361	7641445	64.231 ug/ml

(f)=RT Delta > 1/2 Window

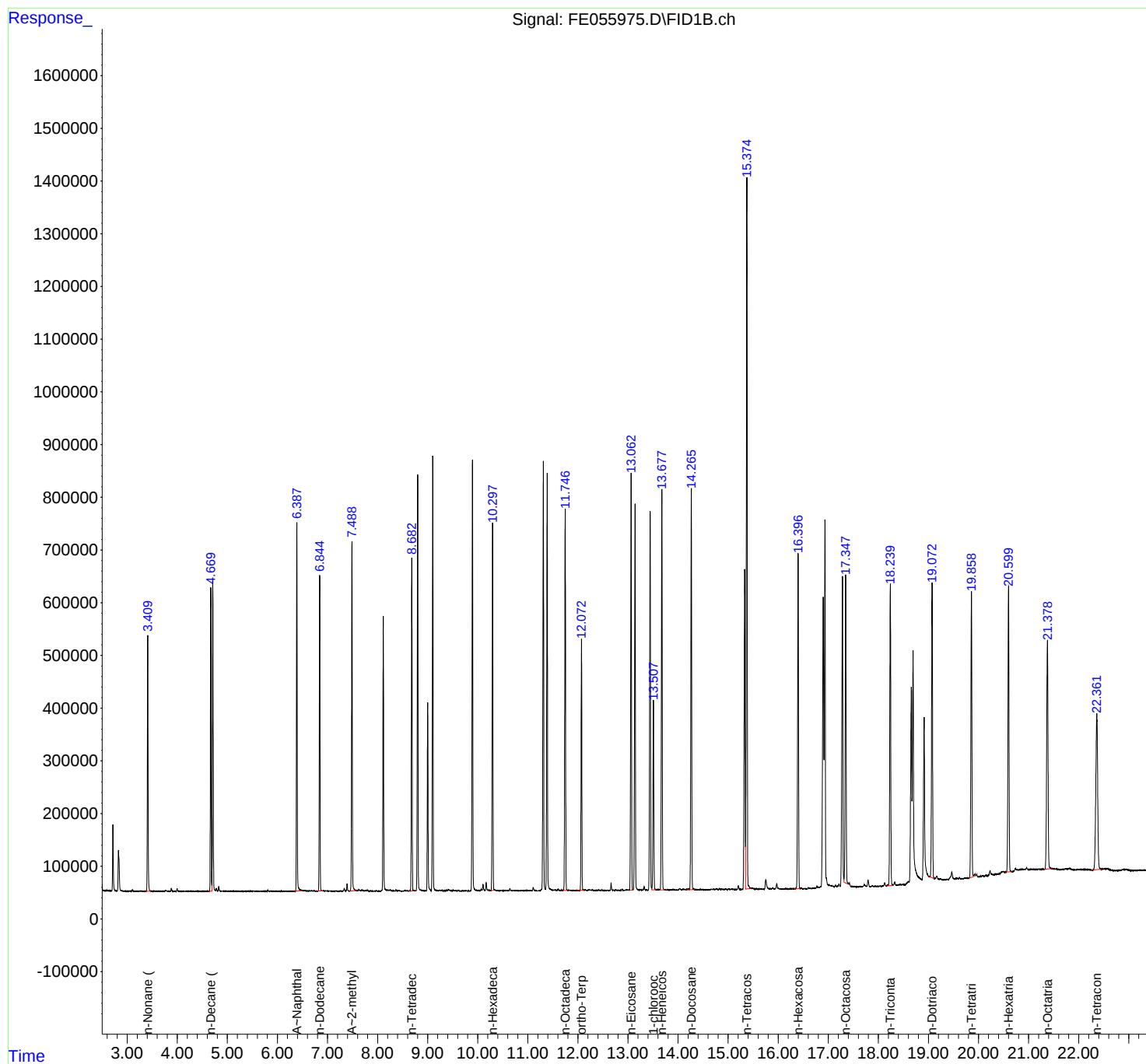
(m)=manual int.

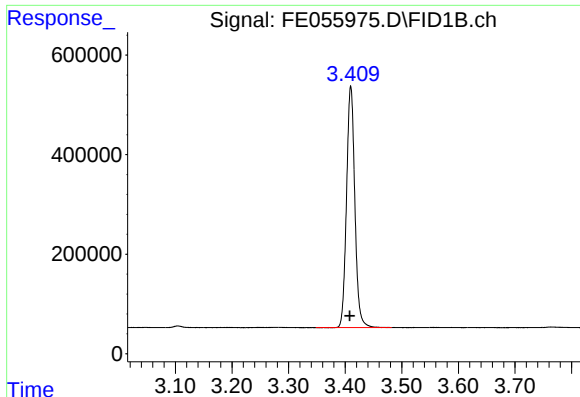
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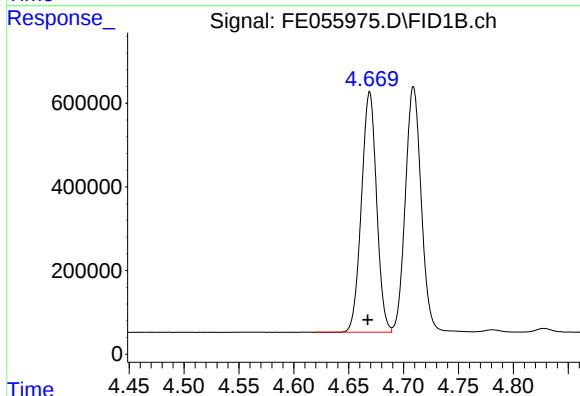




#1 n-Nonane (C9)

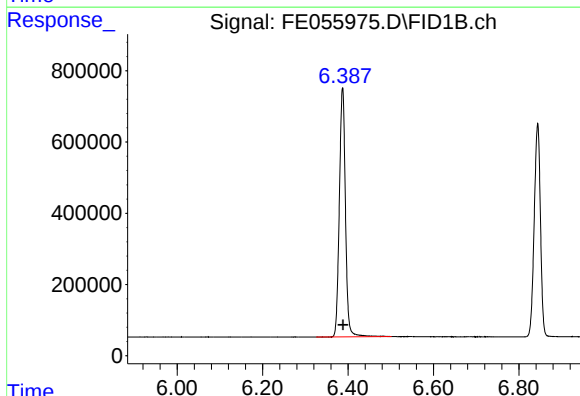
R.T.: 3.410 min
Delta R.T.: 0.002 min
Response: 4942781
Conc: 36.08 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MS



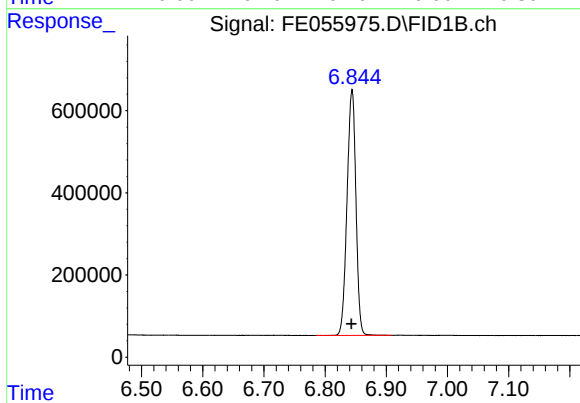
#2 n-Decane (C10)

R.T.: 4.669 min
Delta R.T.: 0.002 min
Response: 5531921
Conc: 39.64 ug/ml



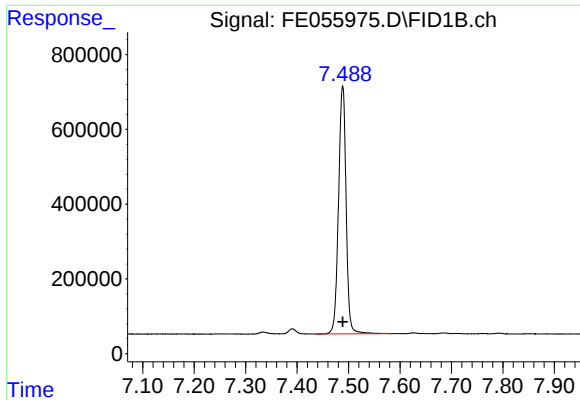
#3 A~Naphthalene (C11.7)

R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 6938471
Conc: 43.46 ug/ml



#4 n-Dodecane (C12)

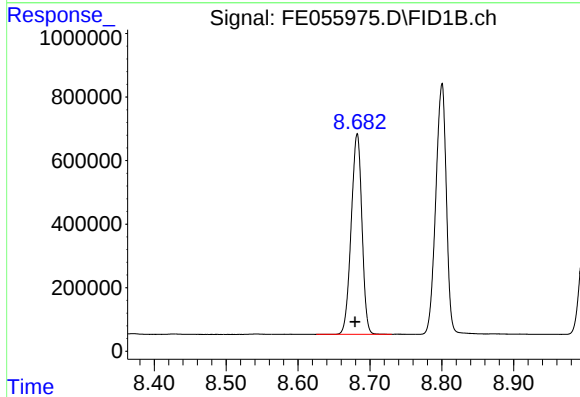
R.T.: 6.844 min
Delta R.T.: 0.001 min
Response: 6031644
Conc: 42.02 ug/ml



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

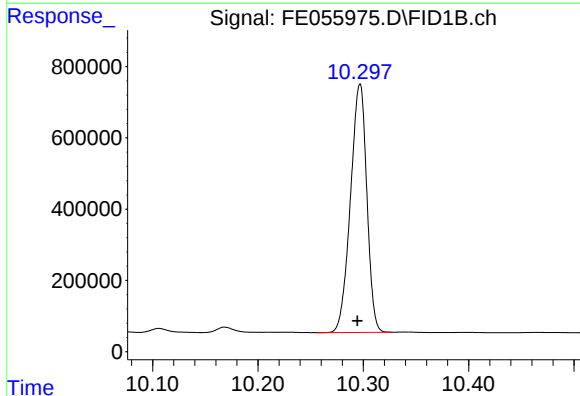
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 6787141
Conc: 43.64 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MS



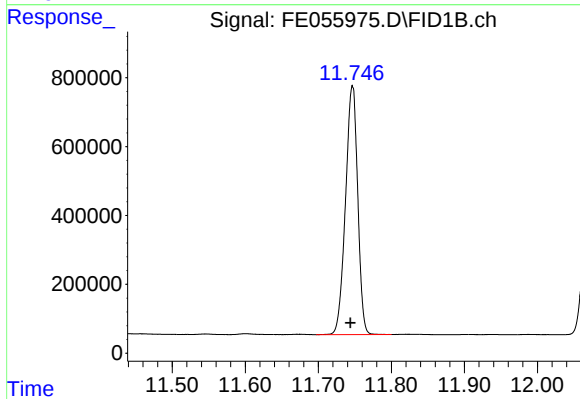
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: 0.003 min
Response: 6536062
Conc: 44.21 ug/ml



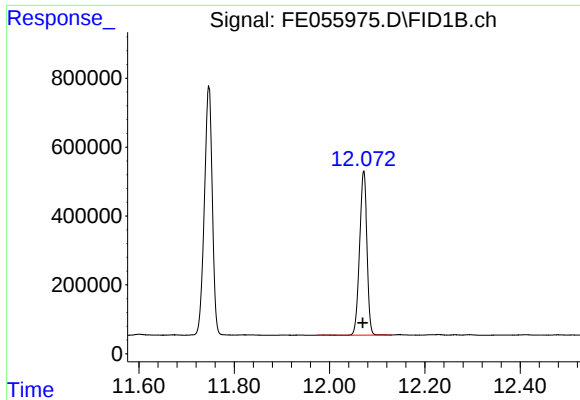
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.002 min
Response: 7509398
Conc: 47.26 ug/ml



#8 n-Octadecane (C18)

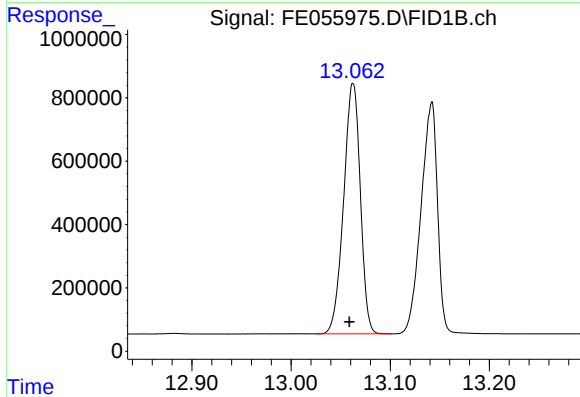
R.T.: 11.747 min
Delta R.T.: 0.003 min
Response: 8397230
Conc: 49.58 ug/ml



#9 ortho-Terphenyl (SURR)

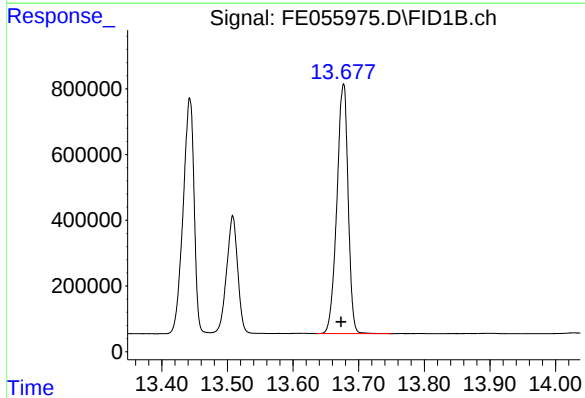
R.T.: 12.072 min
Delta R.T.: 0.002 min
Response: 5110162
Conc: 27.23 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MS



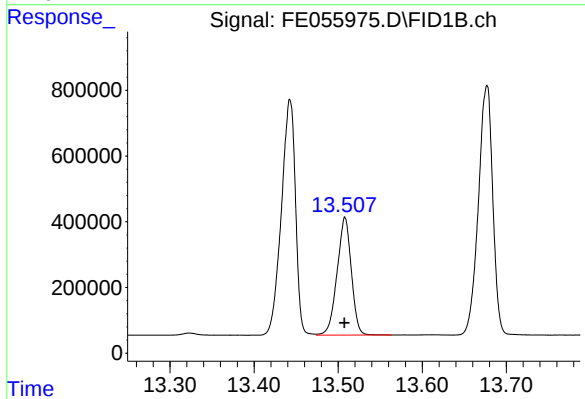
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: 0.004 min
Response: 9266167
Conc: 55.90 ug/ml



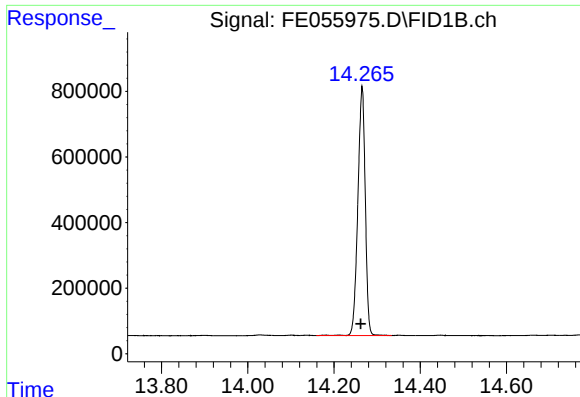
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: 0.003 min
Response: 9042030
Conc: 55.65 ug/ml



#12 1-chlorooctadecane (SURR)

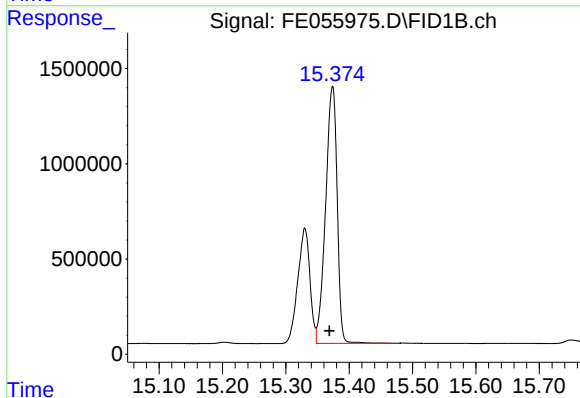
R.T.: 13.508 min
Delta R.T.: 0.000 min
Response: 4210702
Conc: 30.17 ug/ml



#13 n-Docosane (C22)

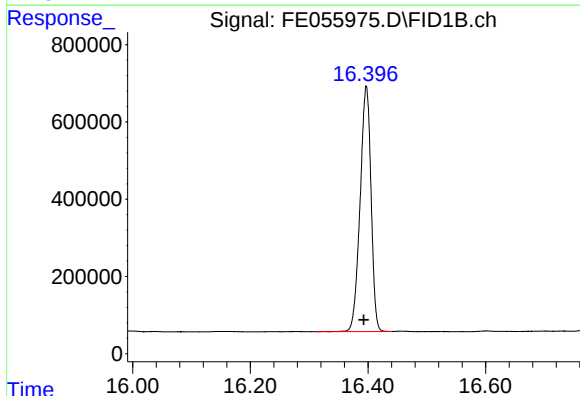
R.T.: 14.265 min
Delta R.T.: 0.003 min
Response: 9043505
Conc: 56.60 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MS



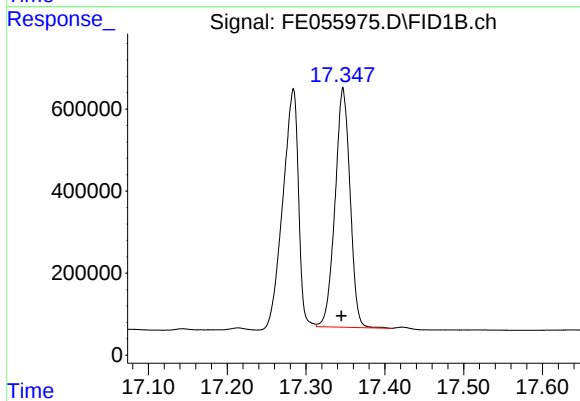
#14 n-Tetracosane (C24)

R.T.: 15.373 min
Delta R.T.: 0.005 min
Response: 17087935
Conc: 112.14 ug/ml



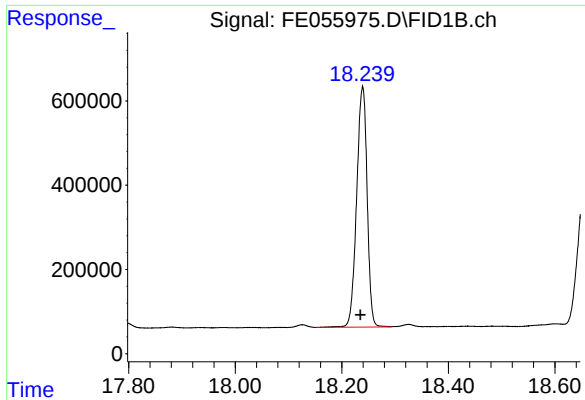
#15 n-Hexacosane (C26)

R.T.: 16.397 min
Delta R.T.: 0.004 min
Response: 8179076
Conc: 57.34 ug/ml



#16 n-Octacosane (C28)

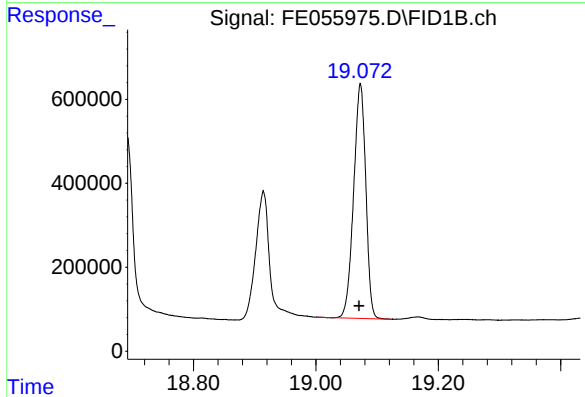
R.T.: 17.347 min
Delta R.T.: 0.002 min
Response: 7729903
Conc: 55.49 ug/ml



#17 n-Tricontane (C30)

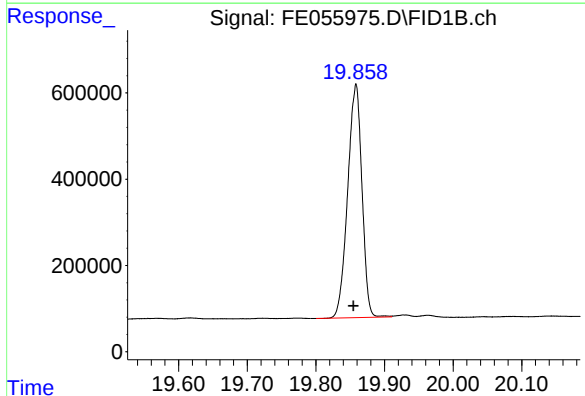
R.T.: 18.239 min
Delta R.T.: 0.004 min
Response: 7794592
Conc: 52.60 ug/ml

Instrument :
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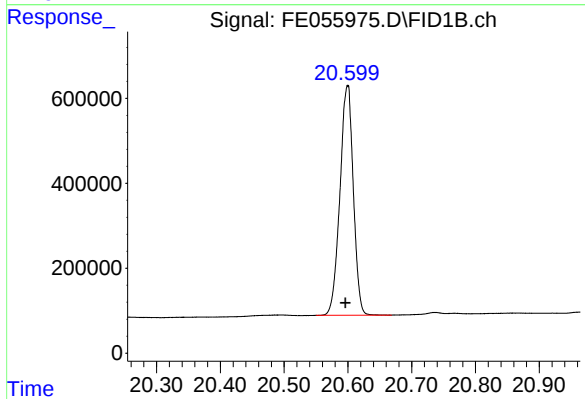
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: 0.002 min
Response: 7709433
Conc: 51.67 ug/ml



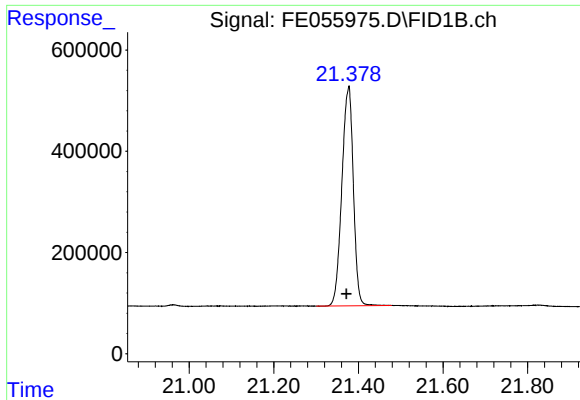
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: 0.003 min
Response: 7821405
Conc: 55.29 ug/ml



#20 n-Hexatriacontane (C36)

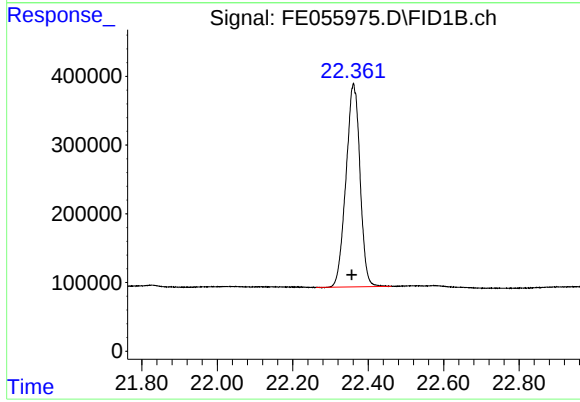
R.T.: 20.599 min
Delta R.T.: 0.003 min
Response: 7898769
Conc: 61.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.005 min
Response: 8142114
Conc: 61.99 ug/ml

Instrument :
FID_E
ClientSampleId :
VNJ-245MS



#22 n-Tetracontane (C40)

R.T.: 22.361 min
Delta R.T.: 0.004 min
Response: 7641445
Conc: 64.23 ug/ml