

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054939.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 14:32
 Operator : YP\AJ
 Sample : PB168930BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168930BSD

Integration File: autoint1.e
 Quant Time: Jul 22 01:28:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.091	6137629	37.795 ug/ml
Spiked Amount 50.000		Recovery =	75.59%
12) S 1-chlorooctadecane (S...	13.526	4807207	38.064 ug/ml
Spiked Amount 50.000		Recovery =	76.13%
Target Compounds			
1) T n-Nonane (C9)	3.430	3647615	27.118 ug/ml
2) T n-Decane (C10)	4.686	3921530	28.740 ug/ml
3) T A~Naphthalene (C11.7)	6.404	4849966	32.031 ug/ml
4) T n-Dodecane (C12)	6.860	4204577	30.644 ug/ml
5) T A~2-methylnaphthalene...	7.505	4592166	31.238 ug/ml
6) T n-Tetradecane (C14)	8.699	4373893	31.552 ug/ml
7) T n-Hexadecane (C16)	10.313	4494936	31.541 ug/ml
8) T n-Octadecane (C18)	11.763	4501406	30.715 ug/ml
10) T n-Eicosane (C20)	13.078	4601077	31.998 ug/ml
11) T n-Heneicosane (C21)	13.692	4399752	30.804 ug/ml
13) T n-Docosane (C22)	14.279	4343385	30.418 ug/ml
14) T n-Tetracosane (C24)	15.385	8966488	61.683 ug/ml
15) T n-Hexacosane (C26)	16.410	4221282	29.170 ug/ml
16) T n-Octacosane (C28)	17.360	4184082	28.710 ug/ml
17) T n-Tricontane (C30)	18.252	4255591	27.005 ug/ml
18) T n-Dotriacontane (C32)	19.085	4275181	26.425 ug/ml
19) T n-Tetratriacontane (C34)	19.871	4466372	29.309 ug/ml
20) T n-Hexatriacontane (C36)	20.612	4418858	32.865 ug/ml
21) T n-Octatriacontane (C38)	21.395	4726038	40.296 ug/ml
22) T n-Tetracontane (C40)	22.392	4450756	41.065 ug/ml

(f)=RT Delta > 1/2 Window

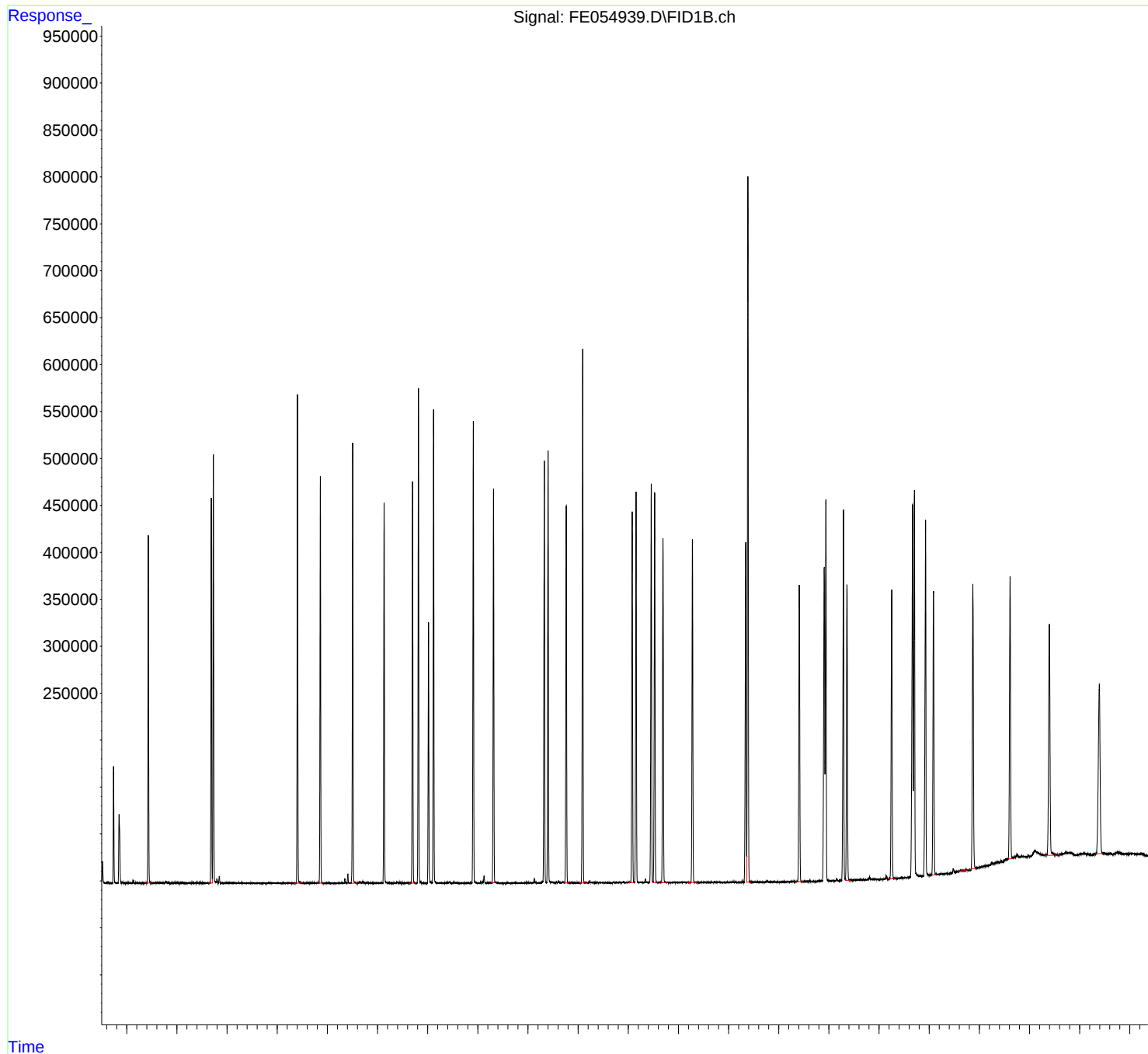
(m)=manual int.

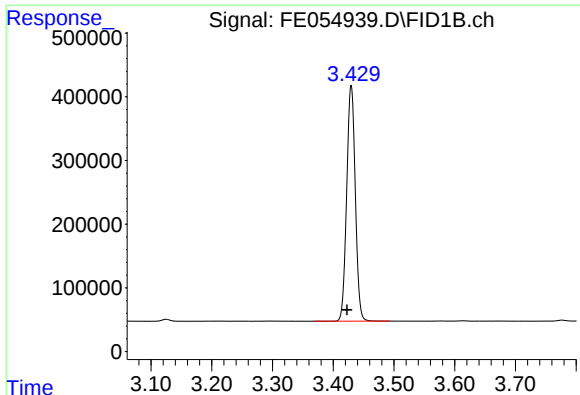
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

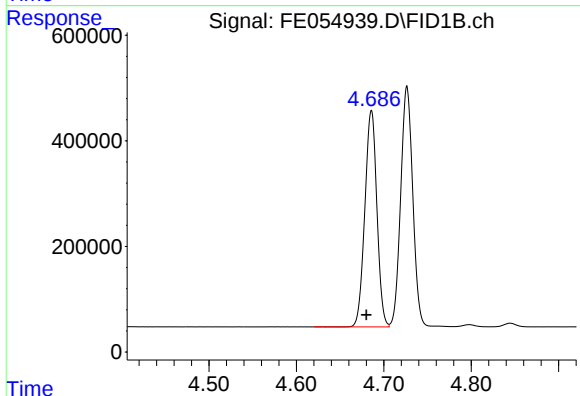
R.T.: 3.430 min
Delta R.T.: 0.007 min
Response: 3647615
Conc: 27.12 ug/ml

Instrument :

FID_E

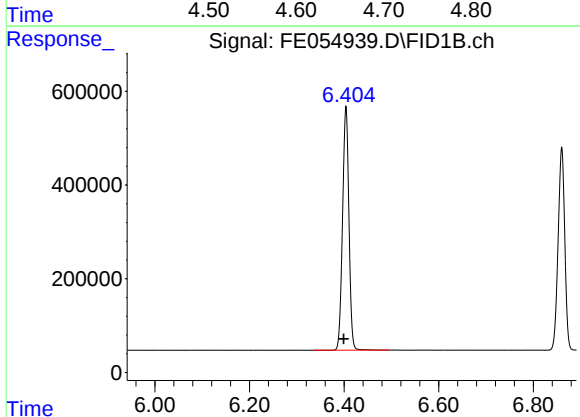
ClientSampleId :

PB168930BSD



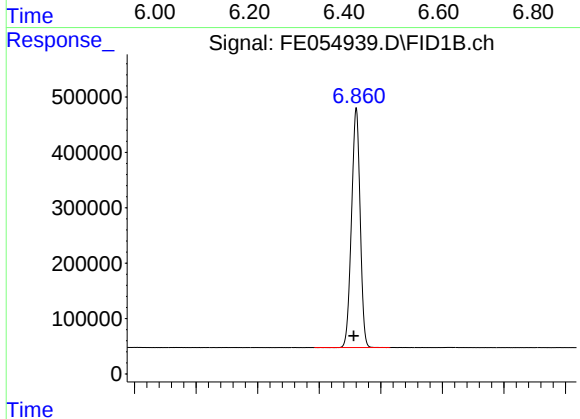
#2 n-Decane (C10)

R.T.: 4.686 min
Delta R.T.: 0.006 min
Response: 3921530
Conc: 28.74 ug/ml



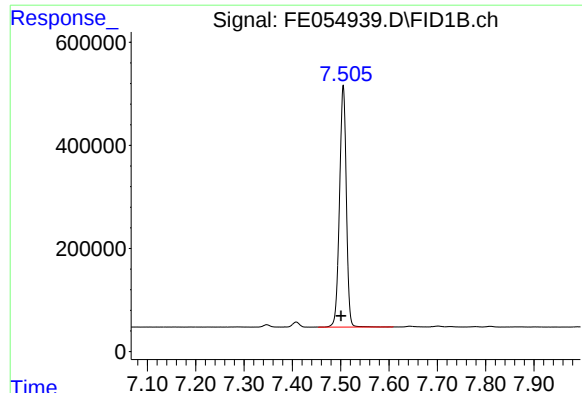
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 4849966
Conc: 32.03 ug/ml



#4 n-Dodecane (C12)

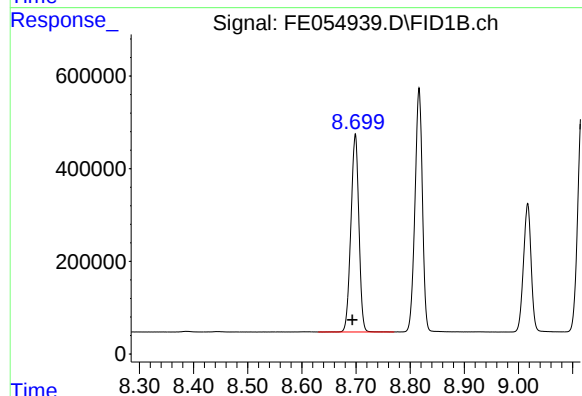
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 4204577
Conc: 30.64 ug/ml



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

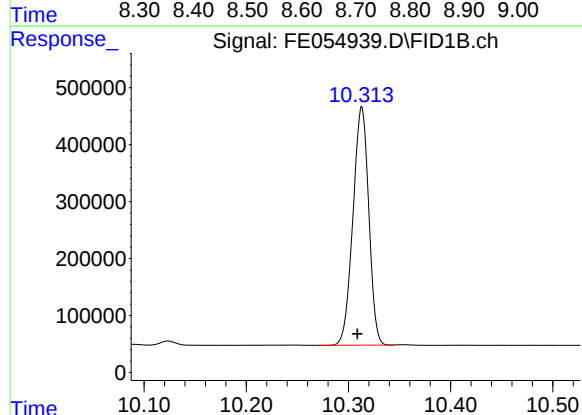
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 4592166
Conc: 31.24 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BSD



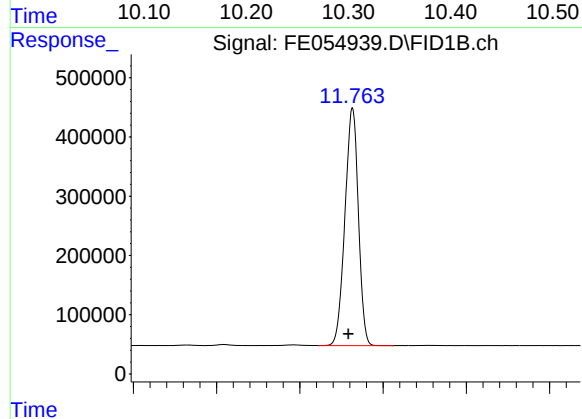
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 4373893
Conc: 31.55 ug/ml



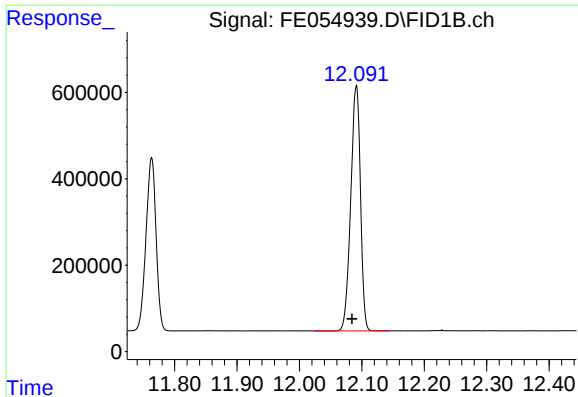
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.004 min
Response: 4494936
Conc: 31.54 ug/ml



#8 n-Octadecane (C18)

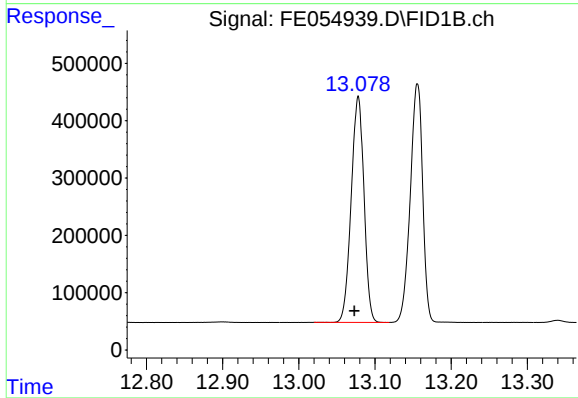
R.T.: 11.763 min
Delta R.T.: 0.005 min
Response: 4501406
Conc: 30.71 ug/ml



#9 ortho-Terphenyl (SURR)

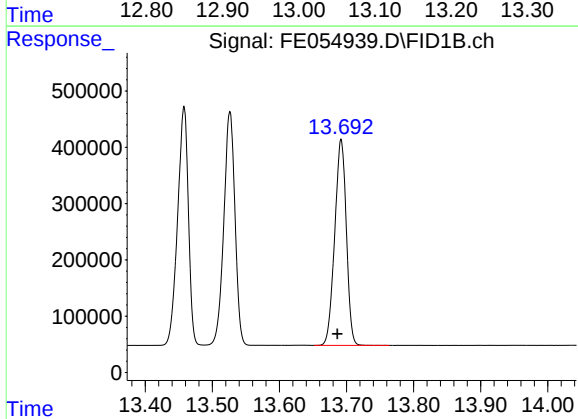
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 6137629
Conc: 37.79 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BSD



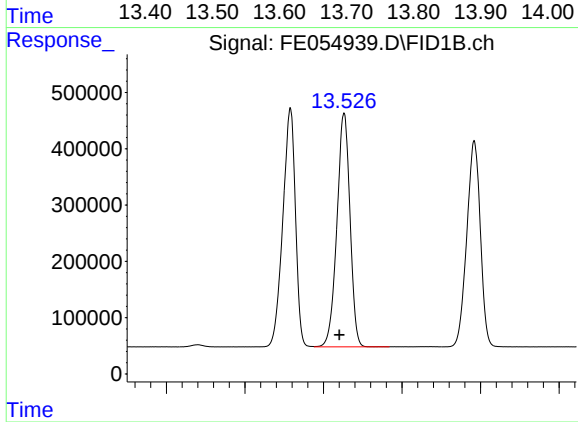
#10 n-Eicosane (C20)

R.T.: 13.078 min
Delta R.T.: 0.005 min
Response: 4601077
Conc: 32.00 ug/ml



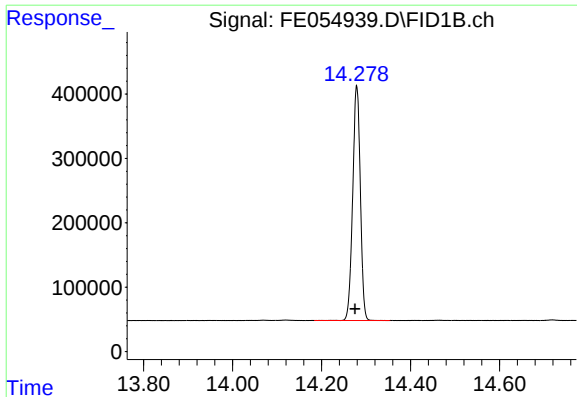
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 4399752
Conc: 30.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 4807207
Conc: 38.06 ug/ml



#13 n-Docosane (C22)

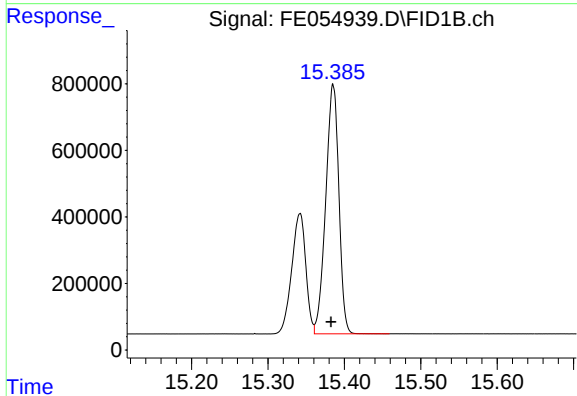
R.T.: 14.279 min
Delta R.T.: 0.004 min
Response: 4343385
Conc: 30.42 ug/ml

Instrument :

FID_E

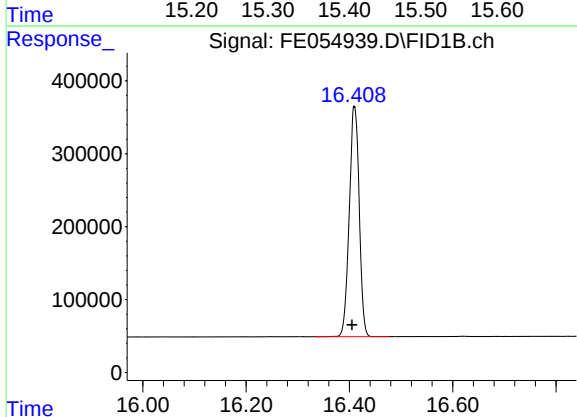
ClientSampleId :

PB168930BSD



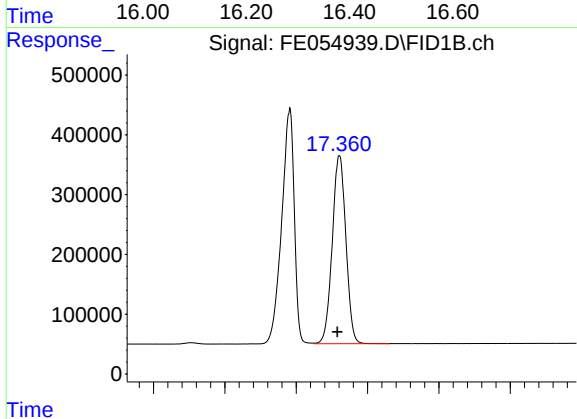
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.003 min
Response: 8966488
Conc: 61.68 ug/ml



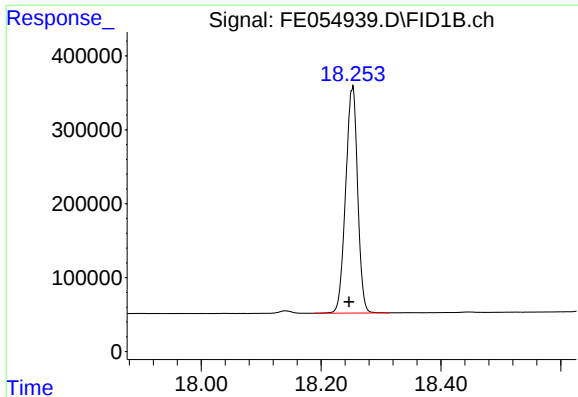
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 4221282
Conc: 29.17 ug/ml



#16 n-Octacosane (C28)

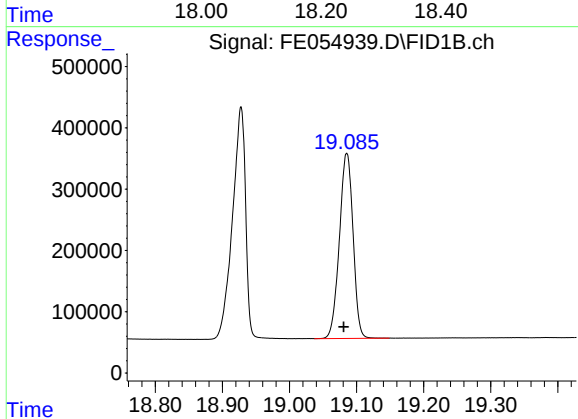
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 4184082
Conc: 28.71 ug/ml



#17 n-Tricontane (C30)

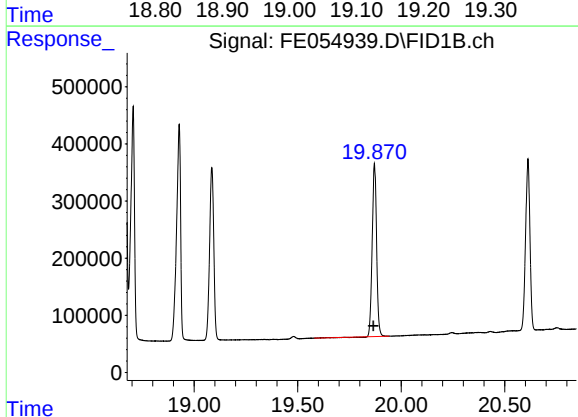
R.T.: 18.252 min
Delta R.T.: 0.006 min
Response: 4255591
Conc: 27.01 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BSD



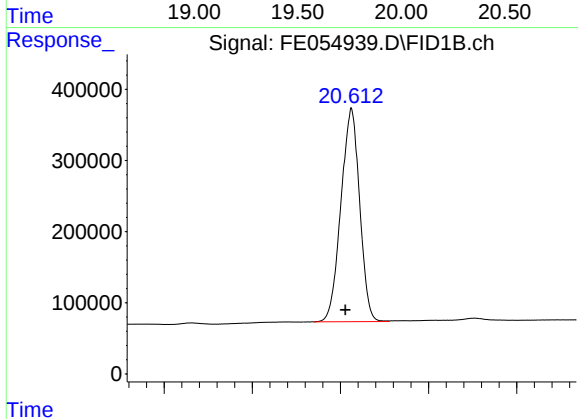
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.005 min
Response: 4275181
Conc: 26.42 ug/ml



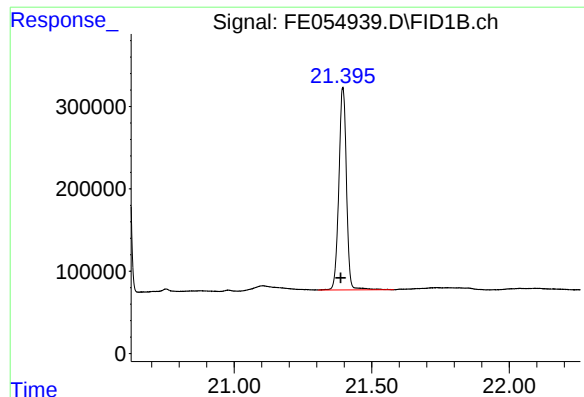
#19 n-Tetratriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.005 min
Response: 4466372
Conc: 29.31 ug/ml



#20 n-Hexatriacontane (C36)

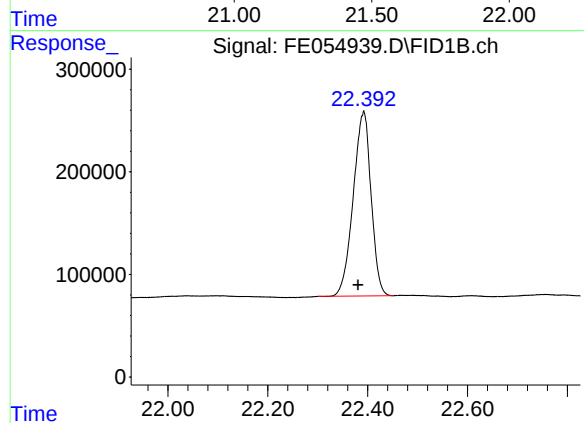
R.T.: 20.612 min
Delta R.T.: 0.007 min
Response: 4418858
Conc: 32.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.395 min
Delta R.T.: 0.007 min
Response: 4726038
Conc: 40.30 ug/ml

Instrument :
FID_E
ClientSampleId :
PB168930BSD



#22 n-Tetracontane (C40)

R.T.: 22.392 min
Delta R.T.: 0.011 min
Response: 4450756
Conc: 41.06 ug/ml