

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054858.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 18:56
 Operator : YP\AJ
 Sample : Q2597-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT-26899MS

Integration File: sample.E
 Quant Time: Jul 16 04:08:05 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	6650318	40.952 ug/ml
Spiked Amount 50.000		Recovery =	81.90%
12) S 1-chlorooctadecane (S...	13.528	4571600	36.198 ug/ml
Spiked Amount 50.000		Recovery =	72.40%
Target Compounds			
1) T n-Nonane (C9)	3.427	3754480	27.913 ug/ml
2) T n-Decane (C10)	4.685	4384114	32.130 ug/ml
3) T A~Naphthalene (C11.7)	6.402	5886218	38.875 ug/ml
4) T n-Dodecane (C12)	6.859	5007298	36.494 ug/ml
5) T A~2-methylnaphthalene...	7.503	5866898	39.910 ug/ml
6) T n-Tetradecane (C14)	8.697	5851631	42.212 ug/ml
7) T n-Hexadecane (C16)	10.312	6329974	44.418 ug/ml
8) T n-Octadecane (C18)	11.765	7210727	49.202 ug/ml
10) T n-Eicosane (C20)	13.082	6740589	46.877 ug/ml
11) T n-Heneicosane (C21)	13.695	6590741	46.143 ug/ml
13) T n-Docosane (C22)	14.283	7606225	53.269 ug/ml
14) T n-Tetracosane (C24)	15.388	13552024	93.228 ug/ml
15) T n-Hexacosane (C26)	16.410	6054504	41.837 ug/ml
16) T n-Octacosane (C28)	17.359	5864792	40.242 ug/ml
17) T n-Tricontane (C30)	18.250	5991206	38.019 ug/ml
18) T n-Dotriacontane (C32)	19.082	6100369	37.706 ug/ml
19) T n-Tetratriacontane (C34)	19.868	6562447	43.063 ug/ml
20) T n-Hexatriacontane (C36)	20.607	6445636	47.939 ug/ml
21) T n-Octatriacontane (C38)	21.389	6911987	58.934 ug/ml
22) T n-Tetracontane (C40)	22.381	6996048	64.548 ug/ml

(f)=RT Delta > 1/2 Window

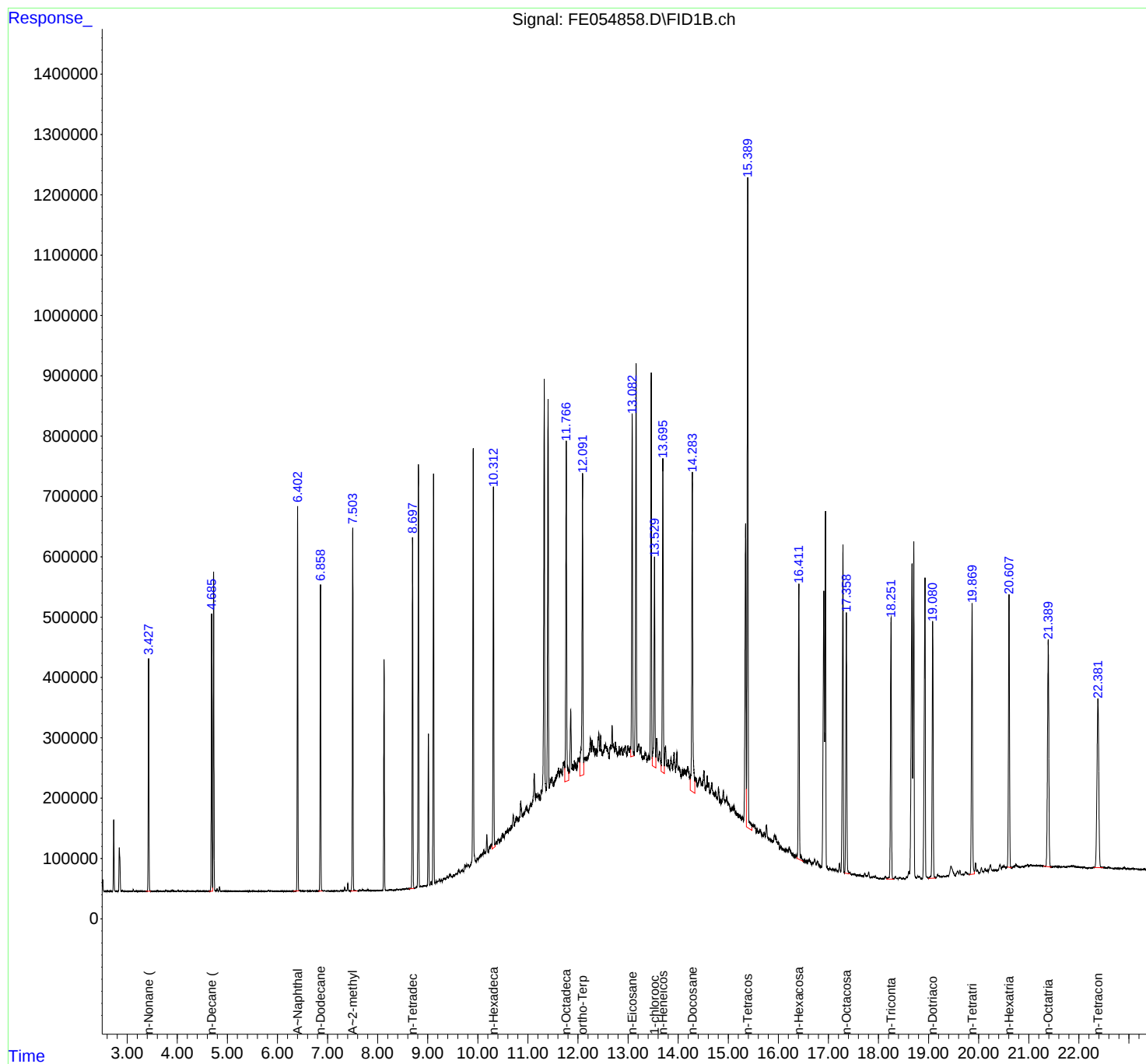
(m)=manual int.

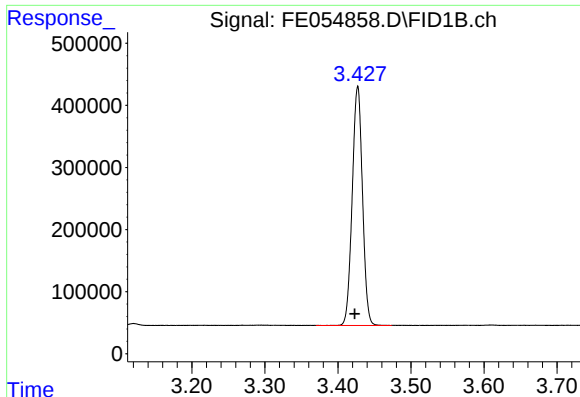
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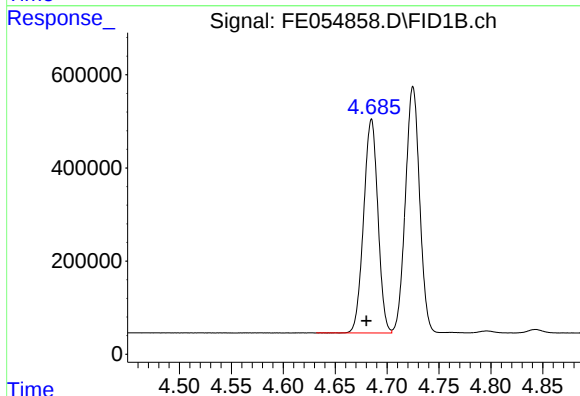




#1 n-Nonane (C9)

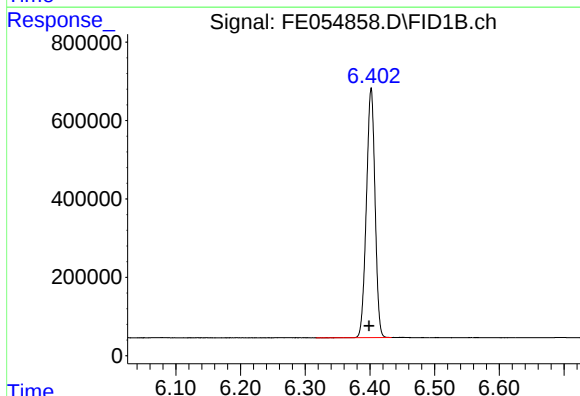
R.T.: 3.427 min
Delta R.T.: 0.004 min
Response: 3754480
Conc: 27.91 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899MS



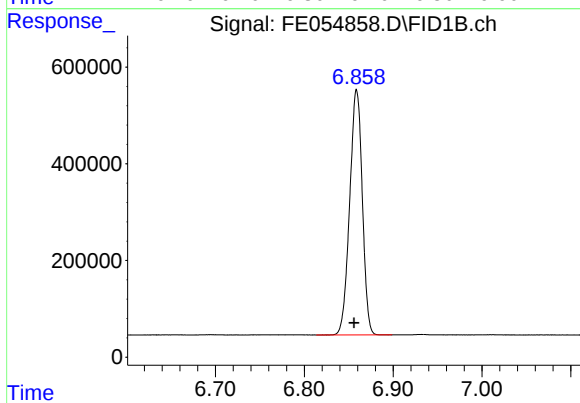
#2 n-Decane (C10)

R.T.: 4.685 min
Delta R.T.: 0.005 min
Response: 4384114
Conc: 32.13 ug/ml



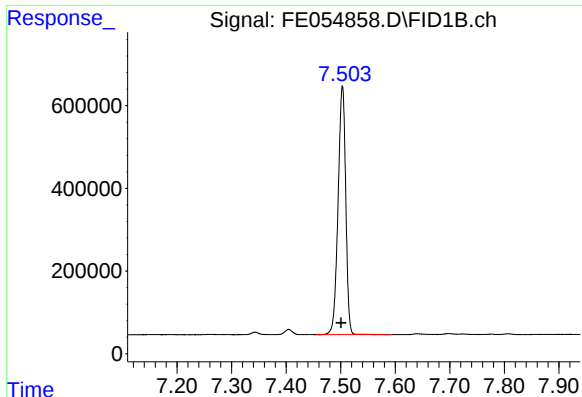
#3 A~Naphthalene (C11.7)

R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 5886218
Conc: 38.88 ug/ml



#4 n-Dodecane (C12)

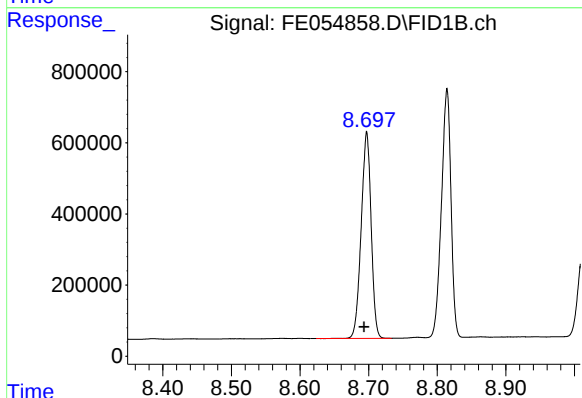
R.T.: 6.859 min
Delta R.T.: 0.003 min
Response: 5007298
Conc: 36.49 ug/ml



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

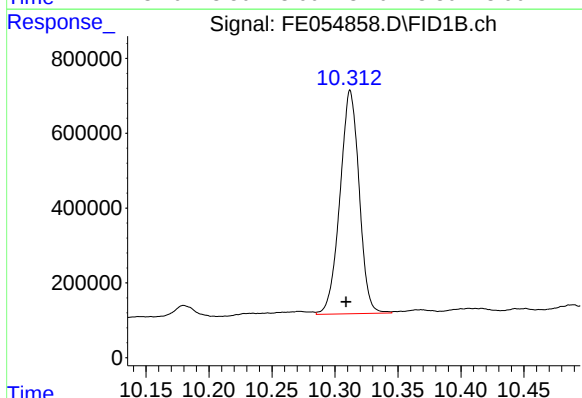
R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 5866898
Conc: 39.91 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899MS



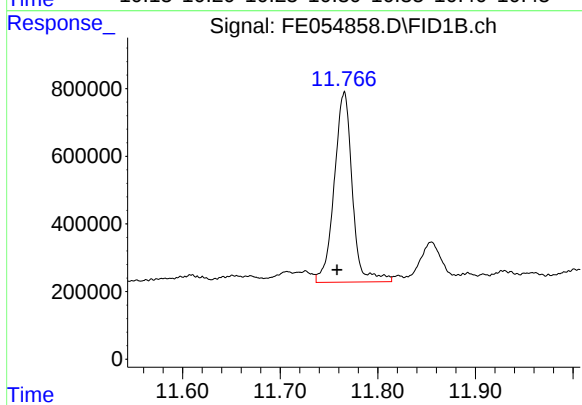
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 5851631
Conc: 42.21 ug/ml



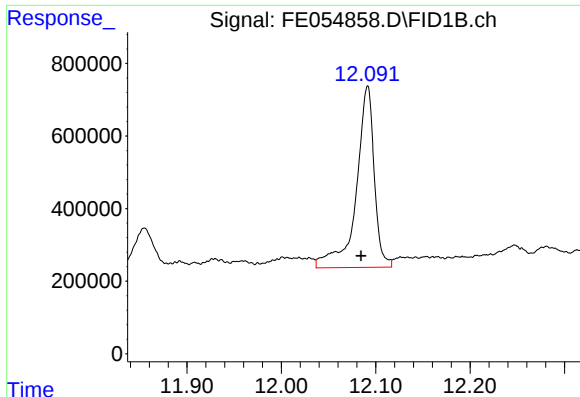
#7 n-Hexadecane (C16)

R.T.: 10.312 min
Delta R.T.: 0.003 min
Response: 6329974
Conc: 44.42 ug/ml



#8 n-Octadecane (C18)

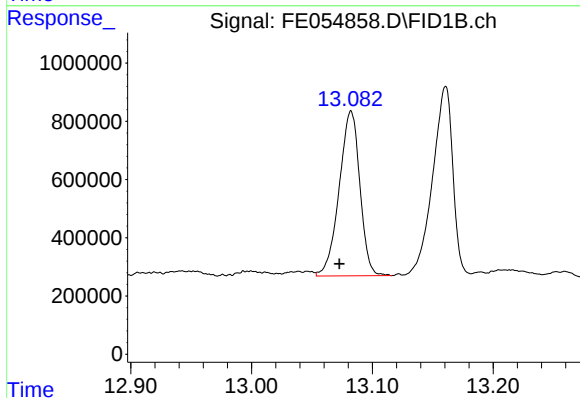
R.T.: 11.765 min
Delta R.T.: 0.007 min
Response: 7210727
Conc: 49.20 ug/ml



#9 ortho-Terphenyl (SURR)

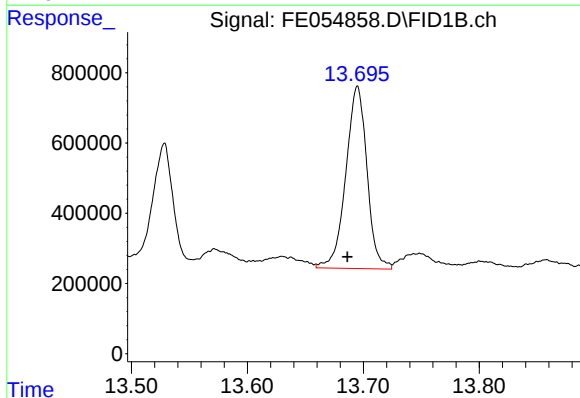
R.T.: 12.091 min
Delta R.T.: 0.007 min
Response: 6650318
Conc: 40.95 ug/ml

Instrument :
FID_E
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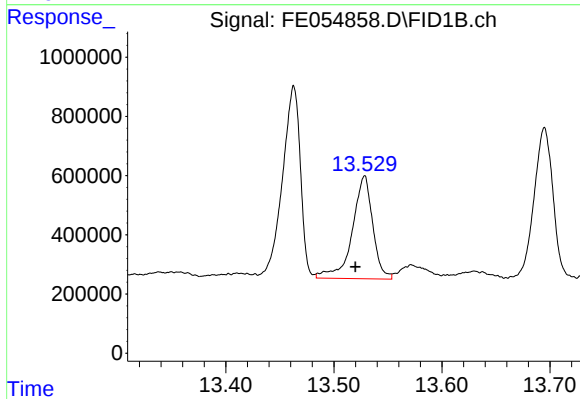
#10 n-Eicosane (C20)

R.T.: 13.082 min
Delta R.T.: 0.009 min
Response: 6740589
Conc: 46.88 ug/ml



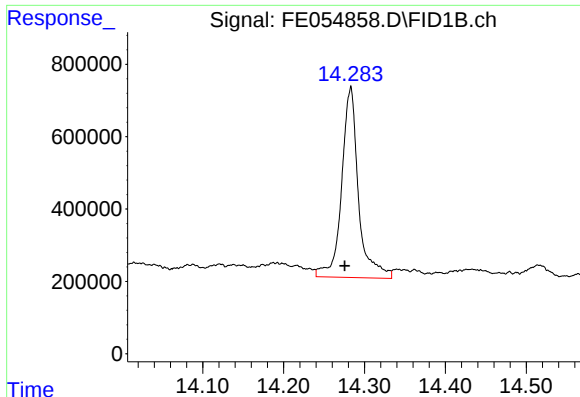
#11 n-Heneicosane (C21)

R.T.: 13.695 min
Delta R.T.: 0.009 min
Response: 6590741
Conc: 46.14 ug/ml



#12 1-chlorooctadecane (SURR)

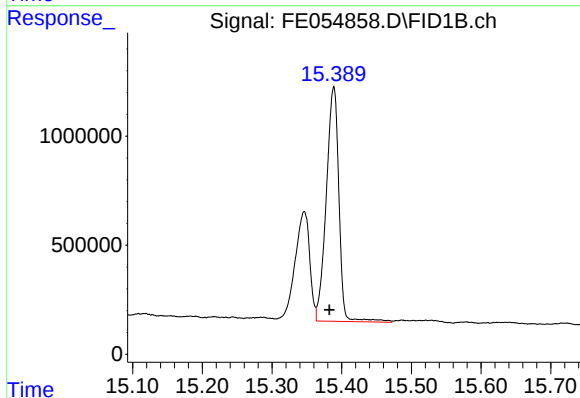
R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 4571600
Conc: 36.20 ug/ml



#13 n-Docosane (C22)

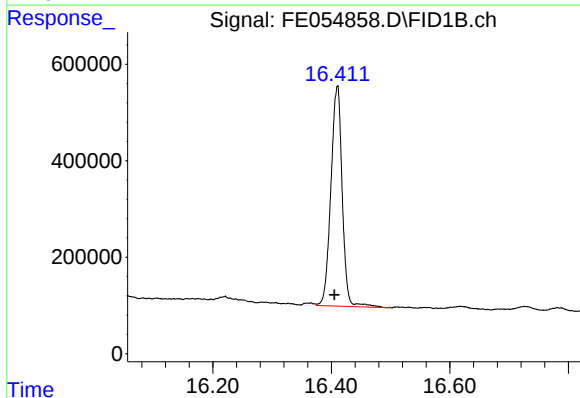
R.T.: 14.283 min
Delta R.T.: 0.007 min
Response: 7606225
Conc: 53.27 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899MS



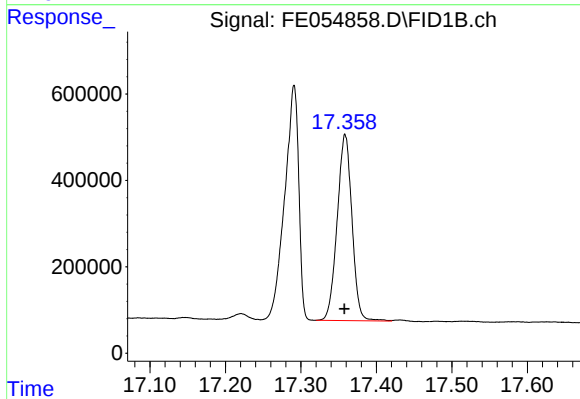
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 13552024
Conc: 93.23 ug/ml



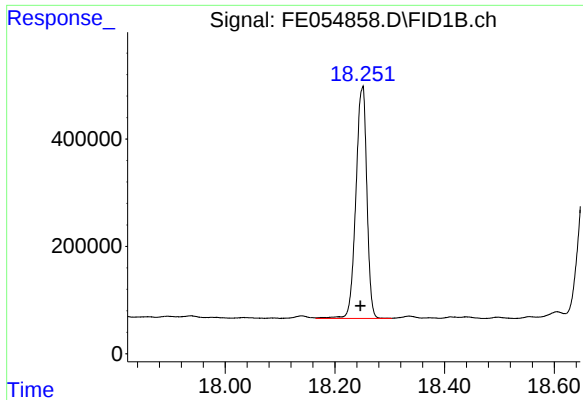
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.005 min
Response: 6054504
Conc: 41.84 ug/ml



#16 n-Octacosane (C28)

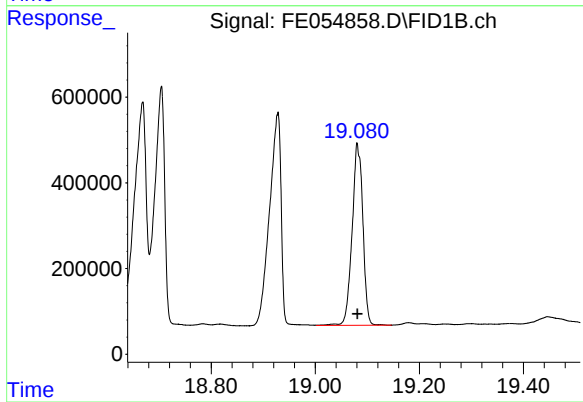
R.T.: 17.359 min
Delta R.T.: 0.000 min
Response: 5864792
Conc: 40.24 ug/ml



#17 n-Tricontane (C30)

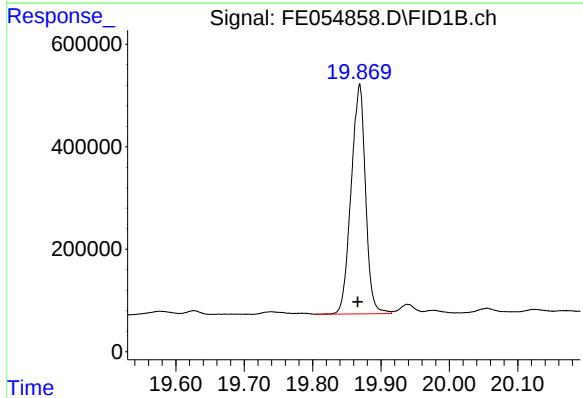
R.T.: 18.250 min
Delta R.T.: 0.003 min
Response: 5991206
Conc: 38.02 ug/ml

Instrument :
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CHRT-26899MS



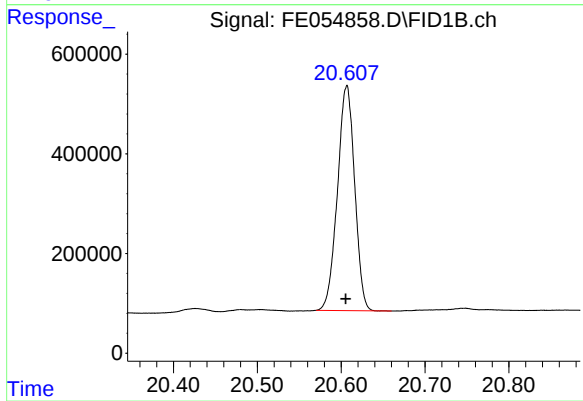
#18 n-Dotriacontane (C32)

R.T.: 19.082 min
Delta R.T.: 0.000 min
Response: 6100369
Conc: 37.71 ug/ml



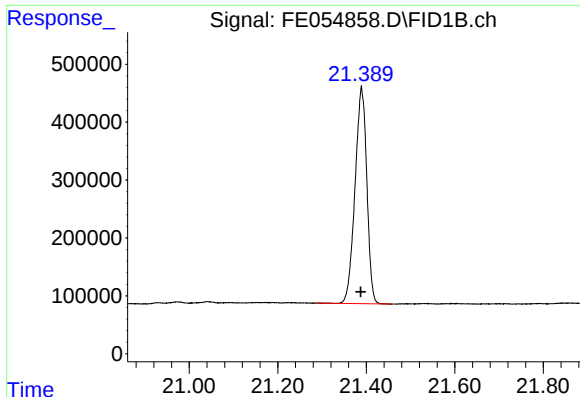
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 6562447
Conc: 43.06 ug/ml



#20 n-Hexatriacontane (C36)

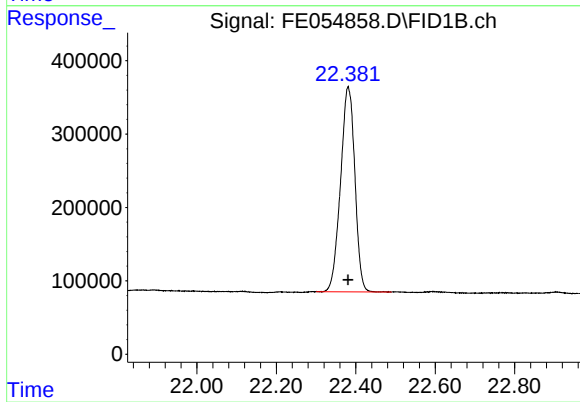
R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 6445636
Conc: 47.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.002 min
Response: 6911987
Conc: 58.93 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899MS



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 6996048
Conc: 64.55 ug/ml