

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050858.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 13:53
 Operator : YP\AJ
 Sample : PB164436BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB164436BSD

Integration File: autoint1.e
 Quant Time: Oct 29 03:45:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.861	6274449	39.798 ug/ml
Spiked Amount 50.000		Recovery =	79.60%
12) S 1-chlorooctadecane (S...	13.293	5320267	44.975 ug/ml
Spiked Amount 50.000		Recovery =	89.95%
Target Compounds			
1) T n-Nonane (C9)	3.258	7318613	51.798 ug/ml
2) T n-Decane (C10)	4.505	7744156	53.975 ug/ml
3) T A~Naphthalene (C11.7)	6.212	8449964	59.095 ug/ml
4) T n-Dodecane (C12)	6.668	7979003	55.435 ug/ml
5) T A~2-methylnaphthalene...	7.307	7802715	58.897 ug/ml
6) T n-Tetradecane (C14)	8.496	8037027	56.177 ug/ml
7) T n-Hexadecane (C16)	10.100	7945586	53.989 ug/ml
8) T n-Octadecane (C18)	11.541	7988987	53.485 ug/ml
10) T n-Eicosane (C20)	12.850	8002087	55.802 ug/ml
11) T n-Heneicosane (C21)	13.459	7742317	55.132 ug/ml
13) T n-Docosane (C22)	14.045	7670102	54.671 ug/ml
14) T n-Tetracosane (C24)	15.148	15529294	109.921 ug/ml
15) T n-Hexacosane (C26)	16.168	7612235	54.096 ug/ml
16) T n-Octacosane (C28)	17.116	8705951	59.495 ug/ml
17) T n-Tricontane (C30)	18.003	7931559	49.883 ug/ml
18) T n-Dotriacontane (C32)	18.835	8038893	49.588 ug/ml
19) T n-Tetratriacontane (C34)	19.618	8460784	57.599 ug/ml
20) T n-Hexatriacontane (C36)	20.358	8459104	66.705 ug/ml
21) T n-Octatriacontane (C38)	21.084	8674442	70.155 ug/ml
22) T n-Tetracontane (C40)	21.970	8550679	76.791 ug/ml

(f)=RT Delta > 1/2 Window

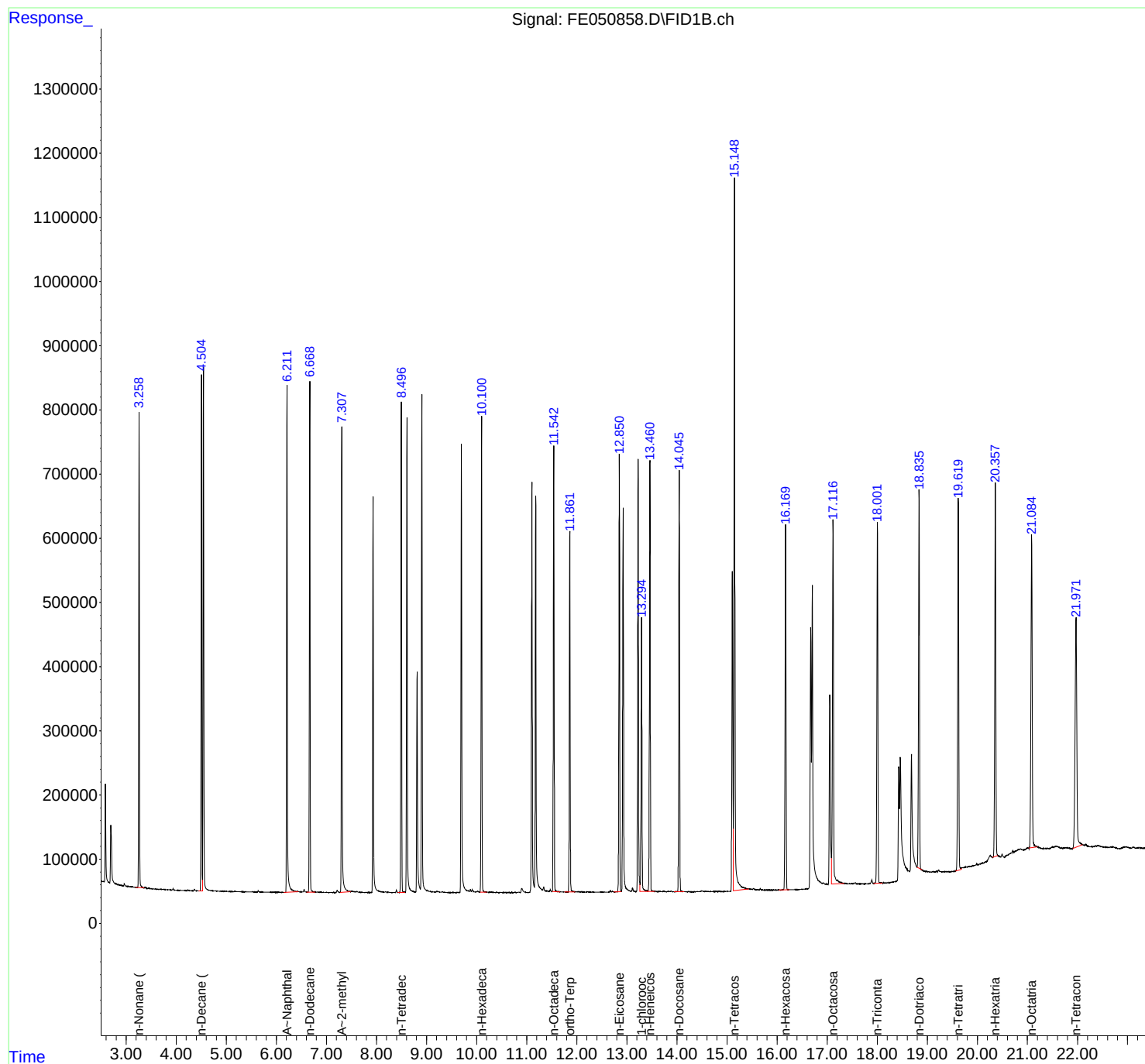
(m)=manual int.

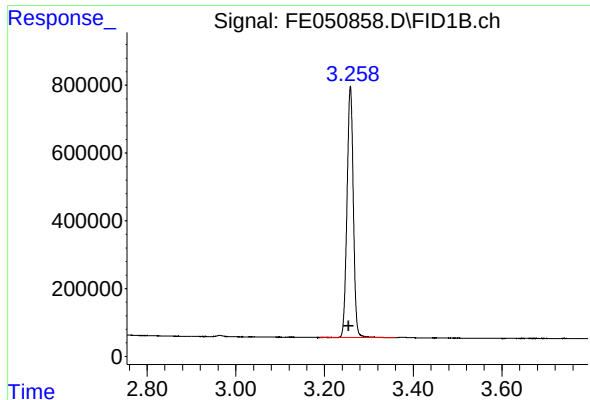
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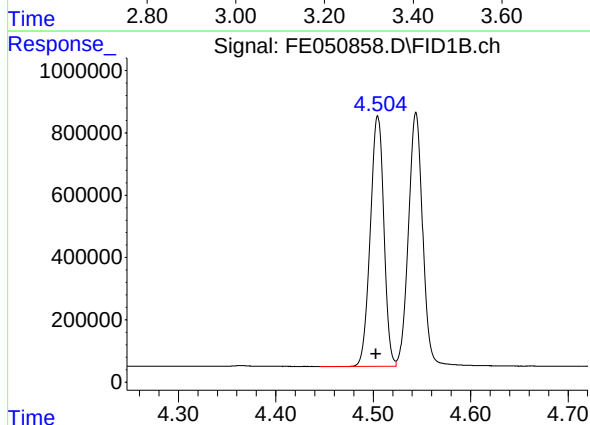




#1 n-Nonane (C9)

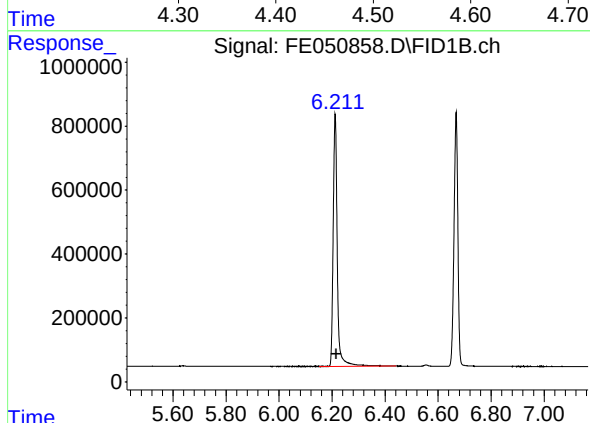
R.T.: 3.258 min
Delta R.T.: 0.004 min
Response: 7318613
Conc: 51.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



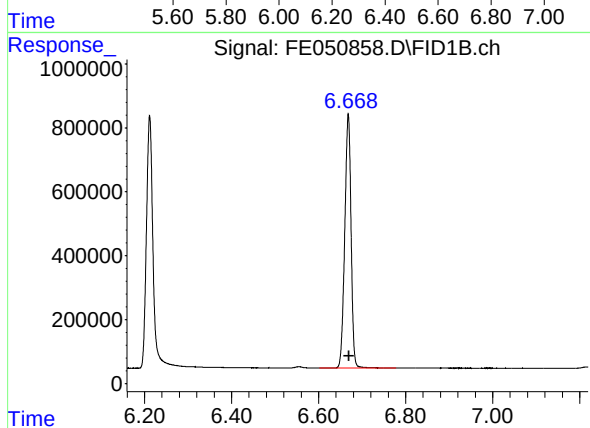
#2 n-Decane (C10)

R.T.: 4.505 min
Delta R.T.: 0.002 min
Response: 7744156
Conc: 53.98 ug/ml



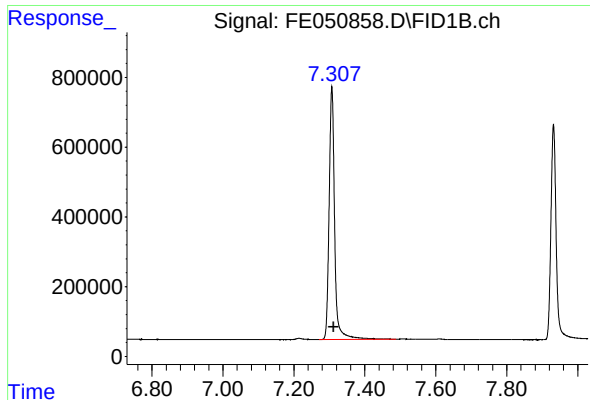
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.005 min
Response: 8449964
Conc: 59.09 ug/ml



#4 n-Dodecane (C12)

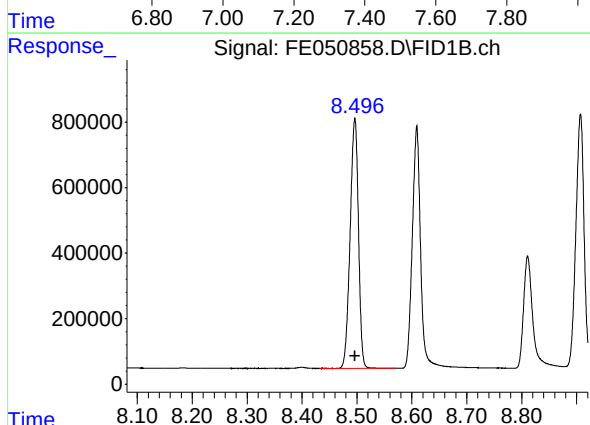
R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 7979003
Conc: 55.44 ug/ml



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

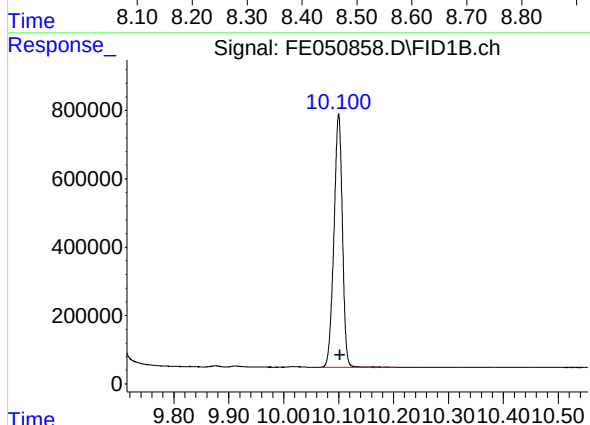
R.T.: 7.307 min
Delta R.T.: -0.006 min
Response: 7802715
Conc: 58.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



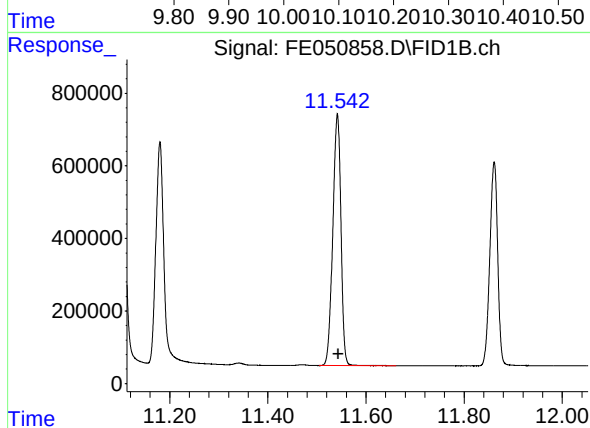
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 8037027
Conc: 56.18 ug/ml



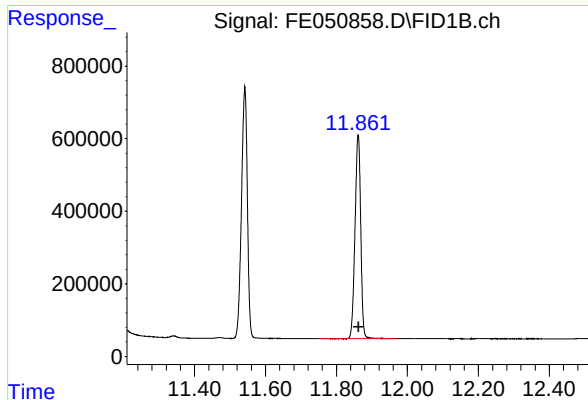
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: -0.003 min
Response: 7945586
Conc: 53.99 ug/ml



#8 n-Octadecane (C18)

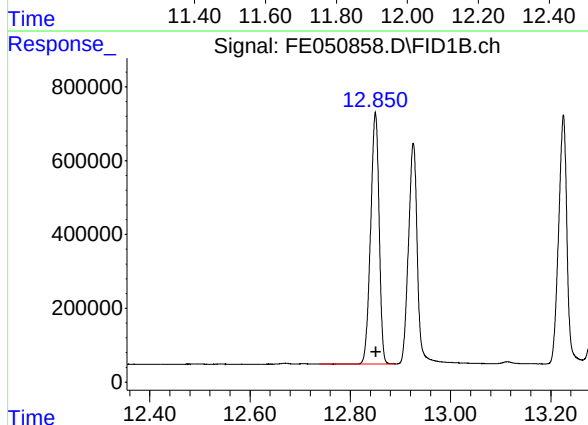
R.T.: 11.541 min
Delta R.T.: -0.003 min
Response: 7988987
Conc: 53.48 ug/ml



#9 ortho-Terphenyl (SURR)

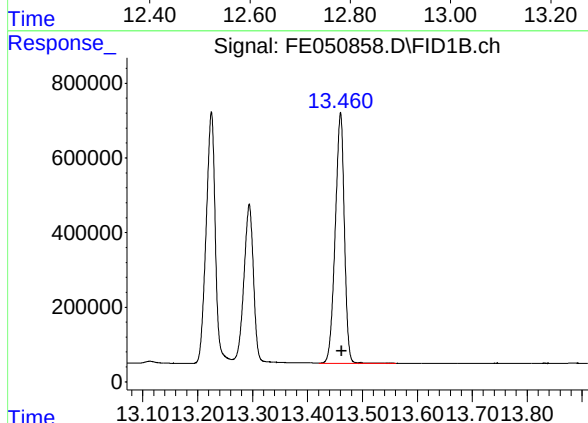
R.T.: 11.861 min
Delta R.T.: -0.002 min
Response: 6274449
Conc: 39.80 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



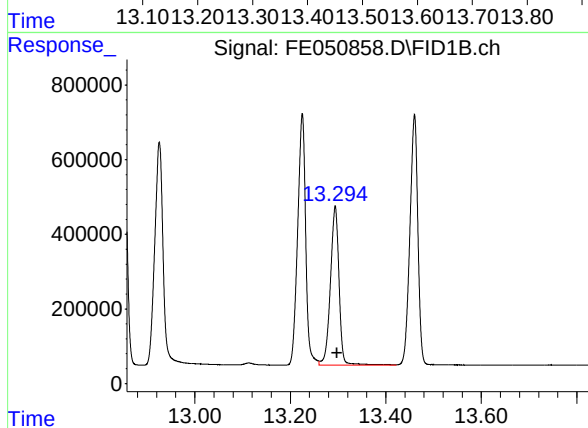
#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: -0.002 min
Response: 8002087
Conc: 55.80 ug/ml



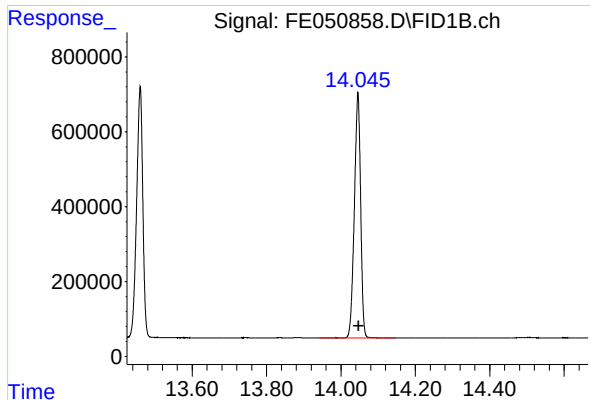
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.003 min
Response: 7742317
Conc: 55.13 ug/ml



#12 1-chlorooctadecane (SURR)

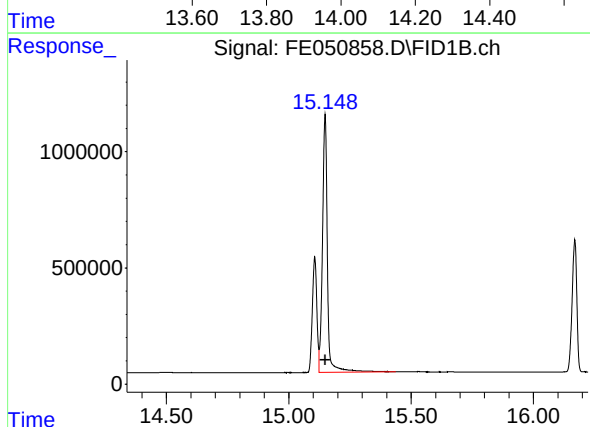
R.T.: 13.293 min
Delta R.T.: -0.004 min
Response: 5320267
Conc: 44.98 ug/ml



#13 n-Docosane (C22)

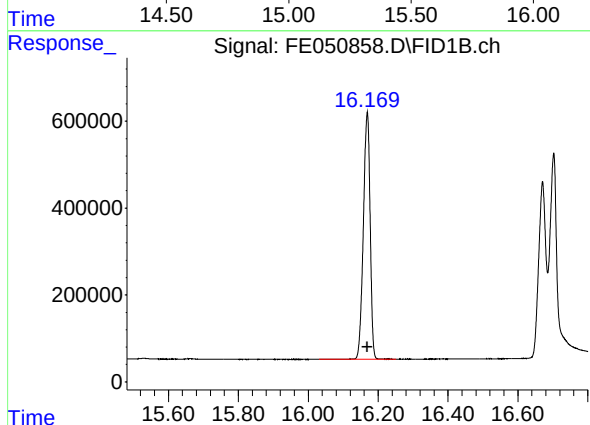
R.T.: 14.045 min
Delta R.T.: -0.003 min
Response: 7670102
Conc: 54.67 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



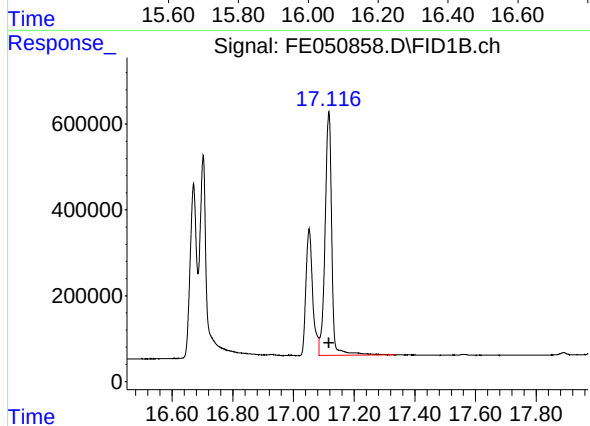
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.002 min
Response: 15529294
Conc: 109.92 ug/ml



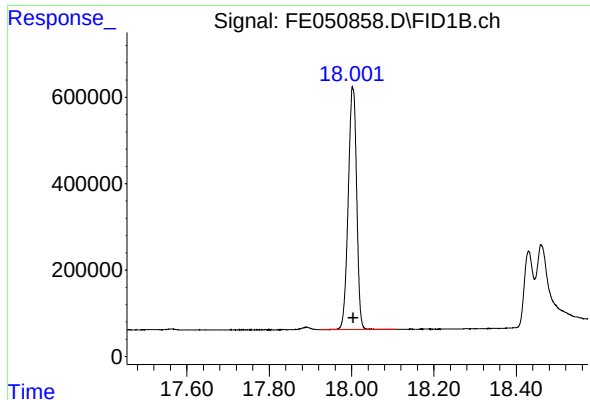
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 7612235
Conc: 54.10 ug/ml



#16 n-Octacosane (C28)

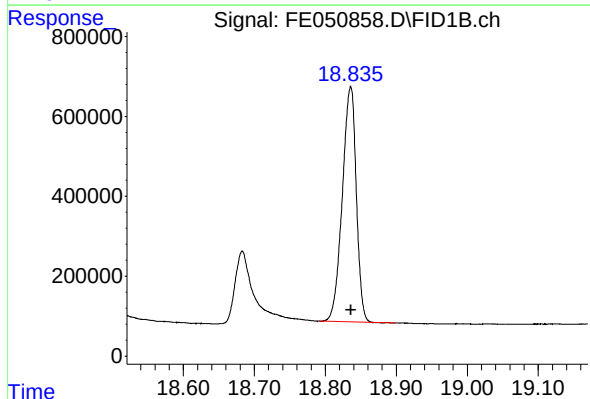
R.T.: 17.116 min
Delta R.T.: -0.002 min
Response: 8705951
Conc: 59.50 ug/ml



#17 n-Tricontane (C30)

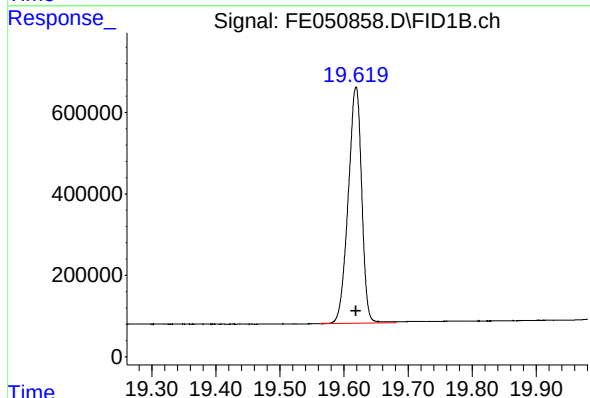
R.T.: 18.003 min
Delta R.T.: -0.002 min
Response: 7931559
Conc: 49.88 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



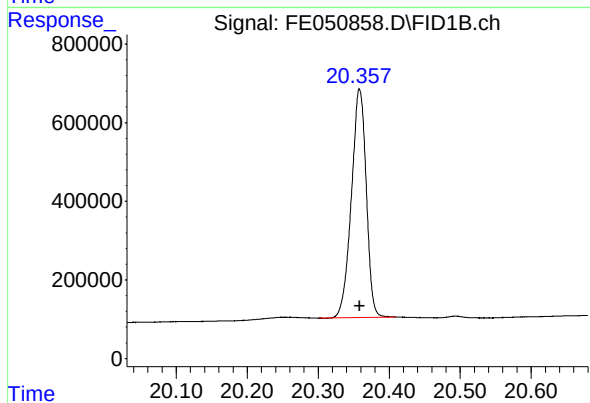
#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.002 min
Response: 8038893
Conc: 49.59 ug/ml



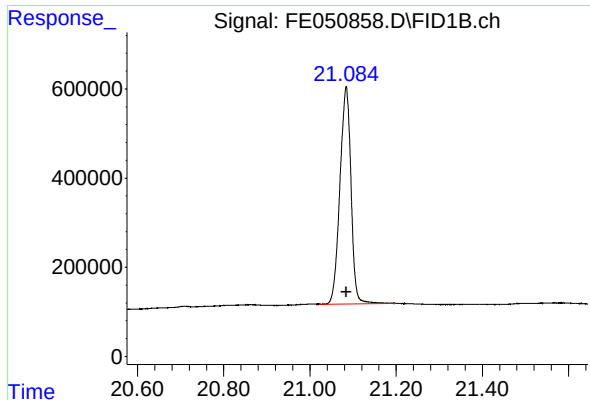
#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: 0.000 min
Response: 8460784
Conc: 57.60 ug/ml



#20 n-Hexatriacontane (C36)

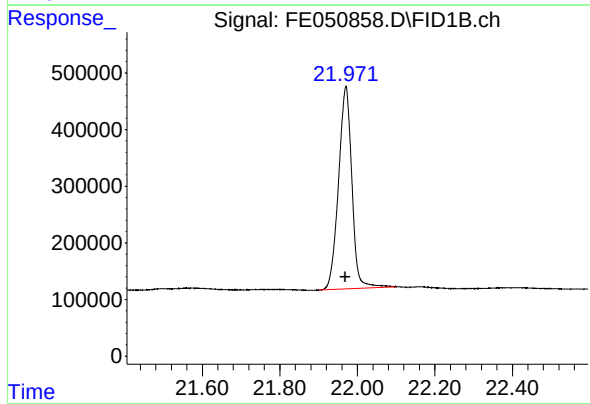
R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 8459104
Conc: 66.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 8674442
Conc: 70.15 ug/ml

Instrument :
FID_E
ClientSampleId :
PB164436BSD



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: 0.000 min
Response: 8550679
Conc: 76.79 ug/ml