

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062823AL\
 Data File : FE042991.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2023 19:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 29 02:49:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.911	3529311	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
12) S 1-chlorooctadecane (S...	13.348	2618277	19.239 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.290	3036375	19.657 ug/ml
2) T n-Decane (C10)	4.542	3103590	19.648 ug/ml
3) T A~Naphthalene (C11.7)	6.252	3320721	19.612 ug/ml
4) T n-Dodecane (C12)	6.712	3140564	19.620 ug/ml
5) T A~2-methylnaphthalene...	7.349	3173670	19.574 ug/ml
6) T n-Tetradecane (C14)	8.542	3119396	19.600 ug/ml
7) T n-Hexadecane (C16)	10.149	3220995	19.557 ug/ml
8) T n-Octadecane (C18)	11.593	3241301	19.500 ug/ml
10) T n-Eicosane (C20)	12.902	3073318	19.368 ug/ml
11) T n-Heneicosane (C21)	13.514	2992538	19.342 ug/ml
13) T n-Docosane (C22)	14.100	2930873	19.240 ug/ml
14) T n-Tetracosane (C24)	15.203	2867420	19.326 ug/ml
15) T n-Hexacosane (C26)	16.225	2777232	19.426 ug/ml
16) T n-Octacosane (C28)	17.175	2754265	19.858 ug/ml
17) T n-Tricontane (C30)	18.063	2917286	20.627 ug/ml
18) T n-Dotriacontane (C32)	18.895	2949604	21.030 ug/ml
19) T n-Tetratriacontane (C34)	19.680	2861088	20.907 ug/ml
20) T n-Hexatriacontane (C36)	20.420	2774227	20.744 ug/ml
21) T n-Octatriacontane (C38)	21.160	2814798	20.645 ug/ml
22) T n-Tetracontane (C40)	22.078	2899216	20.838 ug/ml

(f)=RT Delta > 1/2 Window

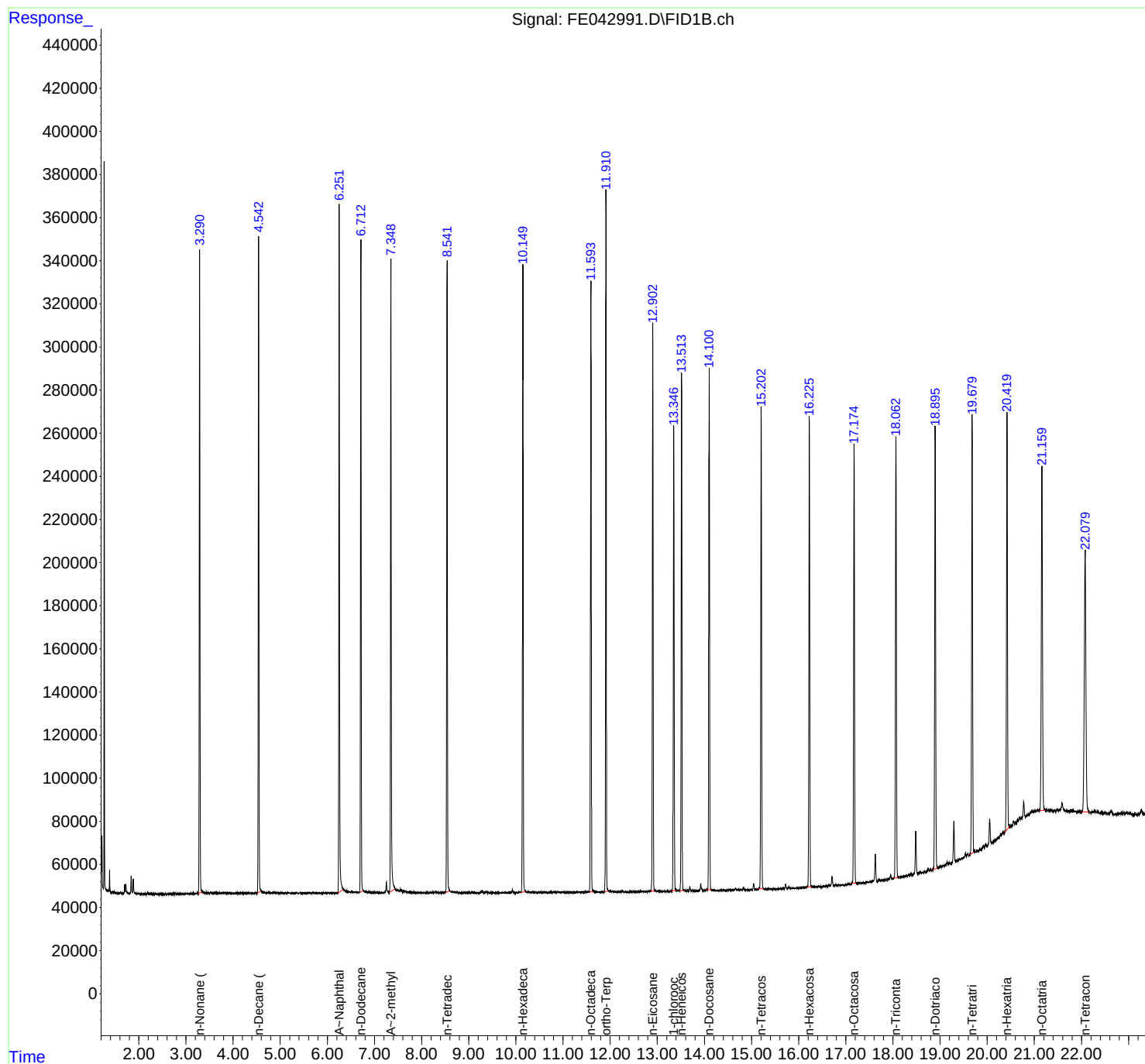
(m)=manual int.

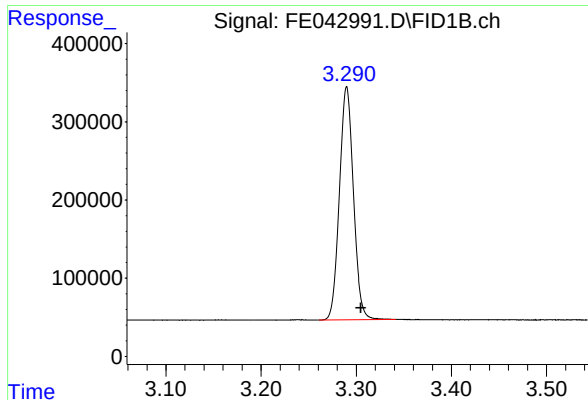
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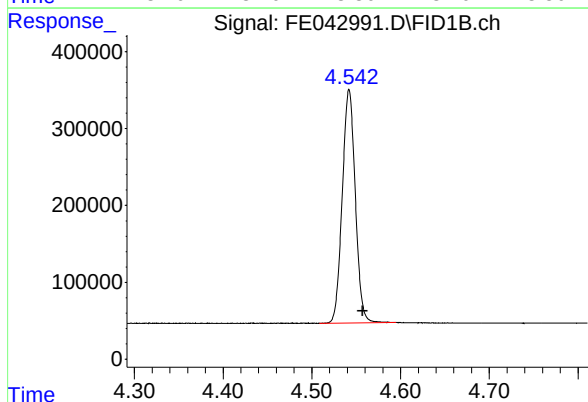




#1 n-Nonane (C9)

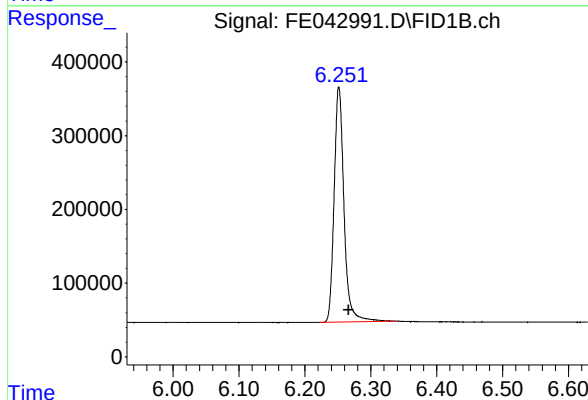
R.T.: 3.290 min
Delta R.T.: -0.015 min
Response: 3036375
Conc: 19.66 ug/ml

Instrument :
FID_E
ClientSampleId :



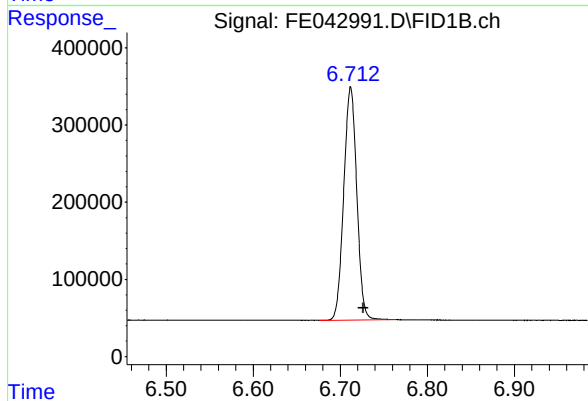
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.015 min
Response: 3103590
Conc: 19.65 ug/ml



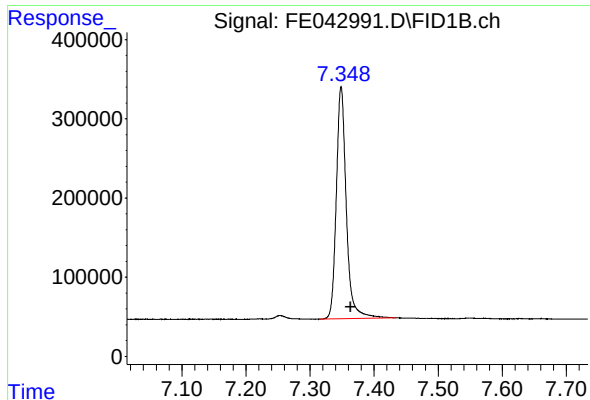
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min
Delta R.T.: -0.015 min
Response: 3320721
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

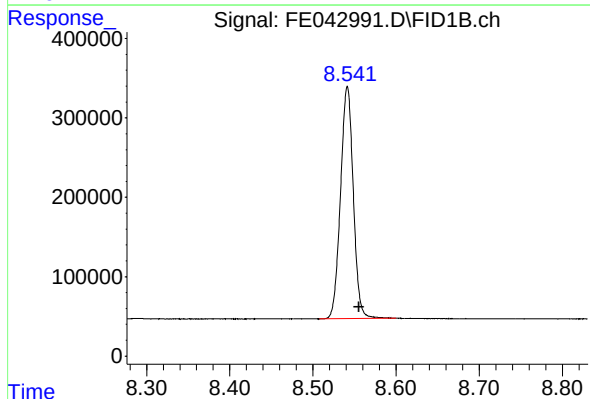
R.T.: 6.712 min
Delta R.T.: -0.014 min
Response: 3140564
Conc: 19.62 ug/ml



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

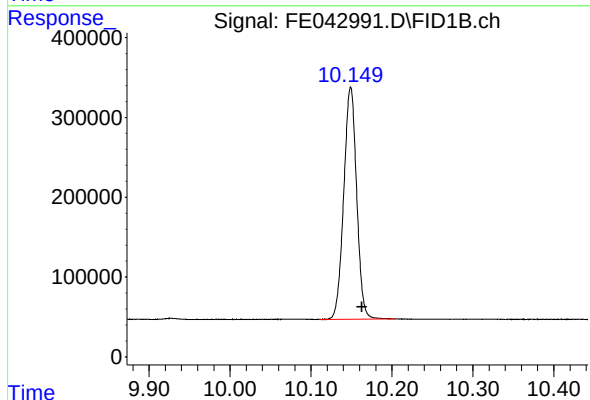
R.T.: 7.349 min
Delta R.T.: -0.015 min
Response: 3173670
Conc: 19.57 ug/ml

Instrument :
FID_E
ClientSampleId :



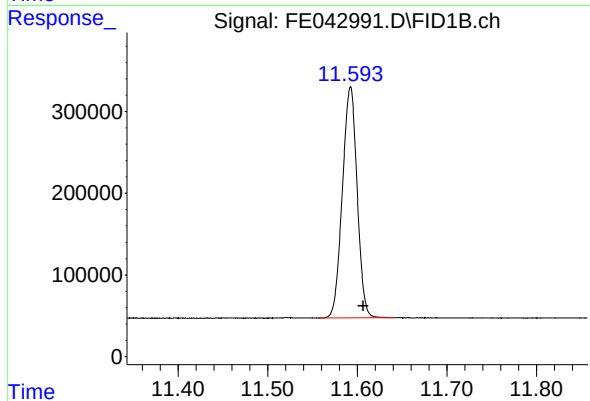
#6 n-Tetradecane (C14)

R.T.: 8.542 min
Delta R.T.: -0.014 min
Response: 3119396
Conc: 19.60 ug/ml



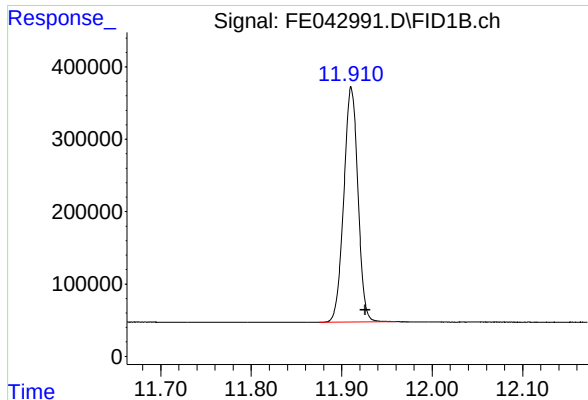
#7 n-Hexadecane (C16)

R.T.: 10.149 min
Delta R.T.: -0.014 min
Response: 3220995
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.593 min
Delta R.T.: -0.014 min
Response: 3241301
Conc: 19.50 ug/ml



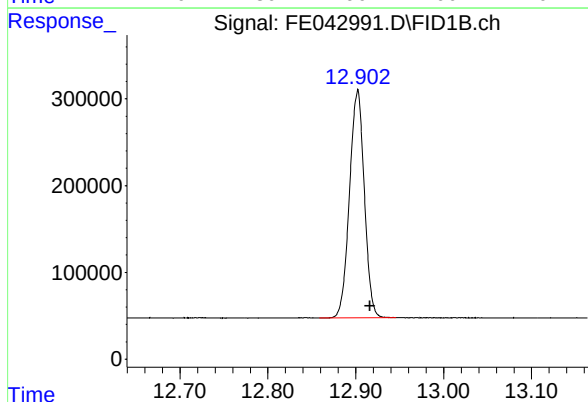
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.015 min
Response: 3529311
Conc: 19.21 ug/ml

Instrument :

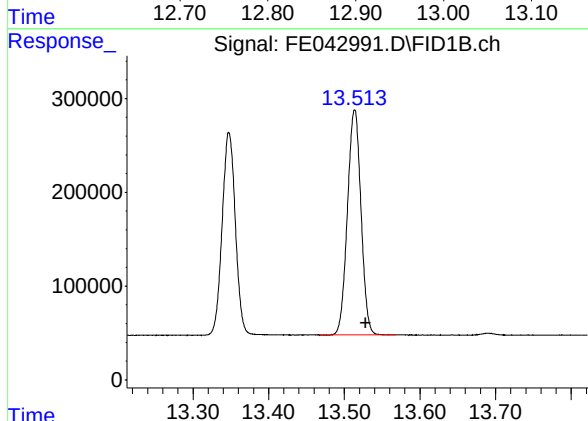
FID_E

ClientSampleId :



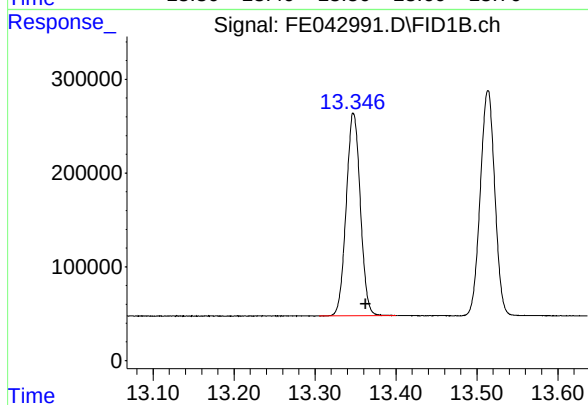
#10 n-Eicosane (C20)

R.T.: 12.902 min
Delta R.T.: -0.014 min
Response: 3073318
Conc: 19.37 ug/ml



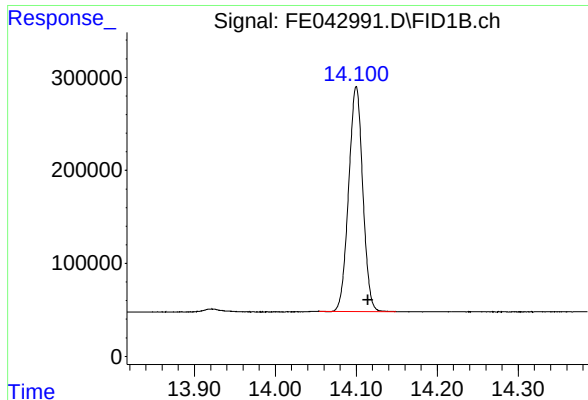
#11 n-Heneicosane (C21)

R.T.: 13.514 min
Delta R.T.: -0.015 min
Response: 2992538
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

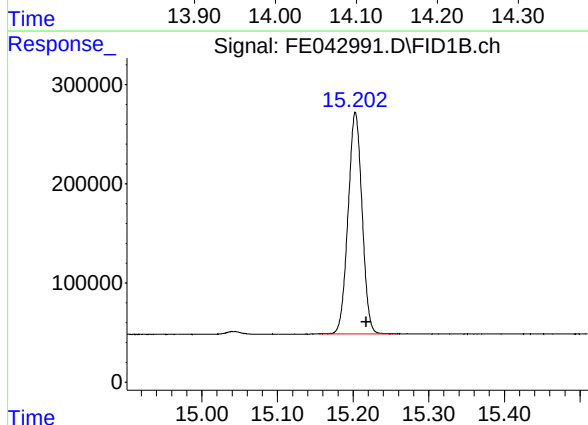
R.T.: 13.348 min
Delta R.T.: -0.015 min
Response: 2618277
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

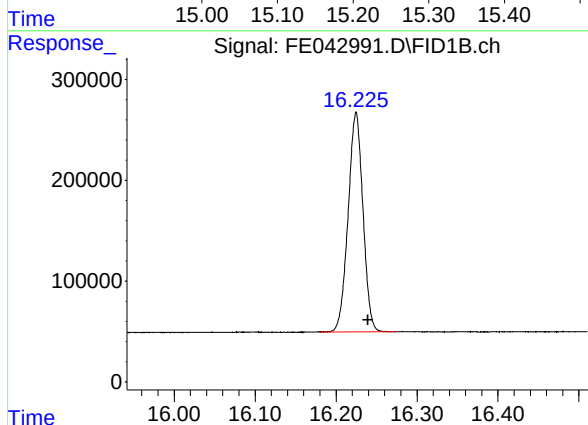
R.T.: 14.100 min
Delta R.T.: -0.015 min
Response: 2930873
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :



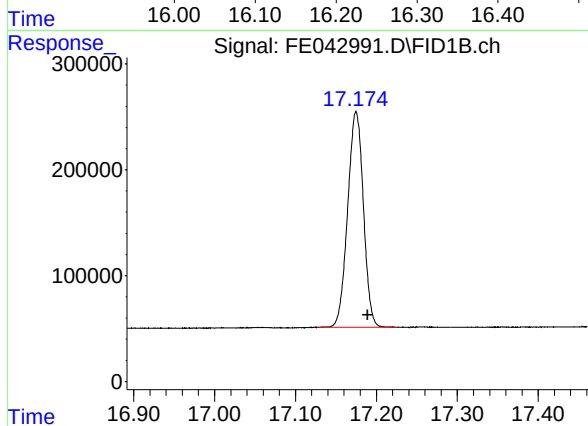
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.015 min
Response: 2867420
Conc: 19.33 ug/ml



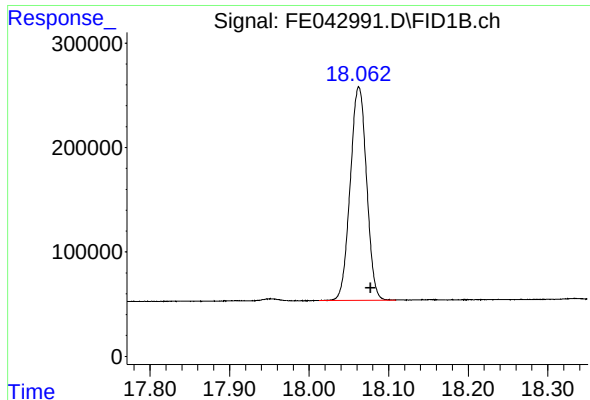
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: -0.015 min
Response: 2777232
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

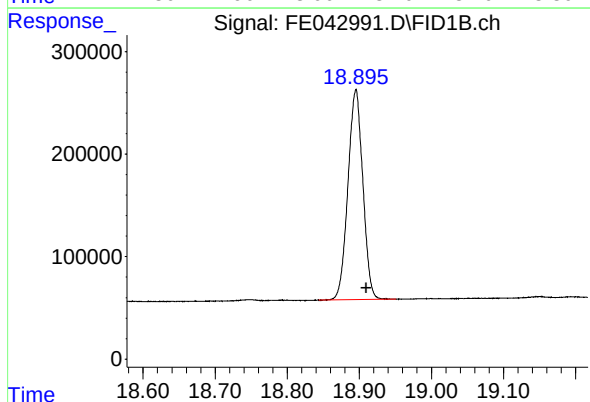
R.T.: 17.175 min
Delta R.T.: -0.015 min
Response: 2754265
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

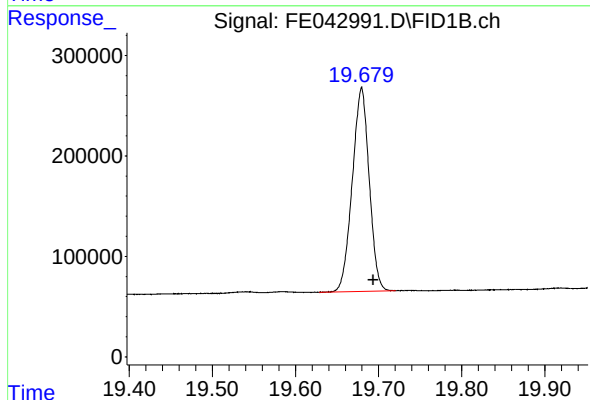
R.T.: 18.063 min
Delta R.T.: -0.015 min
Response: 2917286
Conc: 20.63 ug/ml

Instrument :
FID_E
ClientSampleId :



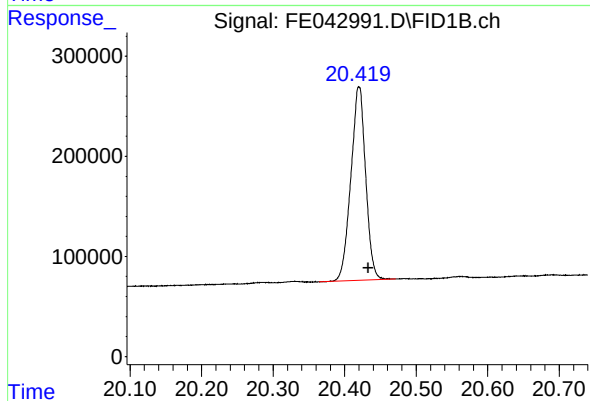
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.015 min
Response: 2949604
Conc: 21.03 ug/ml



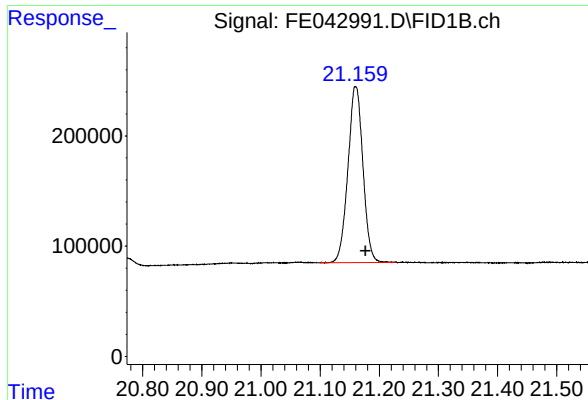
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.014 min
Response: 2861088
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

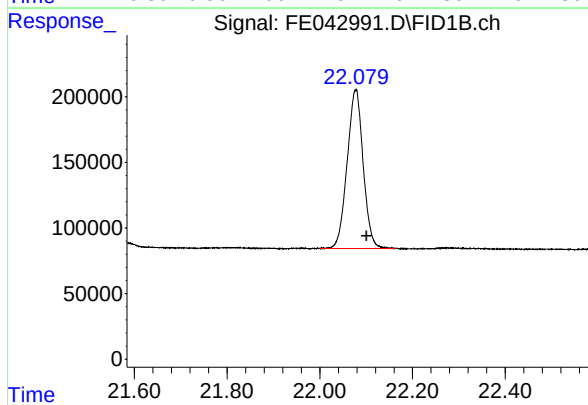
R.T.: 20.420 min
Delta R.T.: -0.013 min
Response: 2774227
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.017 min
Response: 2814798
Conc: 20.65 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.078 min
Delta R.T.: -0.023 min
Response: 2899216
Conc: 20.84 ug/ml