

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060223AL\
 Data File : FE042363.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2023 08:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 05 01:14:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.952	3412566	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
12) S 1-chlorooctadecane (S...	13.388	2517503	18.946 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.331	2851712	19.776 ug/ml
2) T n-Decane (C10)	4.583	2955463	19.964 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3178903	19.483 ug/ml
4) T n-Dodecane (C12)	6.751	2988641	19.930 ug/ml
5) T A~2-methylnaphthalene...	7.387	3063942	19.306 ug/ml
6) T n-Tetradecane (C14)	8.580	2950378	19.694 ug/ml
7) T n-Hexadecane (C16)	10.188	3052580	19.597 ug/ml
8) T n-Octadecane (C18)	11.632	3075050	19.446 ug/ml
10) T n-Eicosane (C20)	12.941	2928533	19.320 ug/ml
11) T n-Heneicosane (C21)	13.554	2852906	19.256 ug/ml
13) T n-Docosane (C22)	14.140	2810133	19.169 ug/ml
14) T n-Tetracosane (C24)	15.243	2752394	19.067 ug/ml
15) T n-Hexacosane (C26)	16.264	2669189	19.272 ug/ml
16) T n-Octacosane (C28)	17.214	2620598	19.574 ug/ml
17) T n-Tricontane (C30)	18.101	2728737	20.214 ug/ml
18) T n-Dotriacontane (C32)	18.934	2722741	20.381 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2635499	20.040 ug/ml
20) T n-Hexatriacontane (C36)	20.457	2562246	19.714 ug/ml
21) T n-Octatriacontane (C38)	21.205	2594232	19.121 ug/ml
22) T n-Tetracontane (C40)	22.135	2657855	19.105 ug/ml

(f)=RT Delta > 1/2 Window

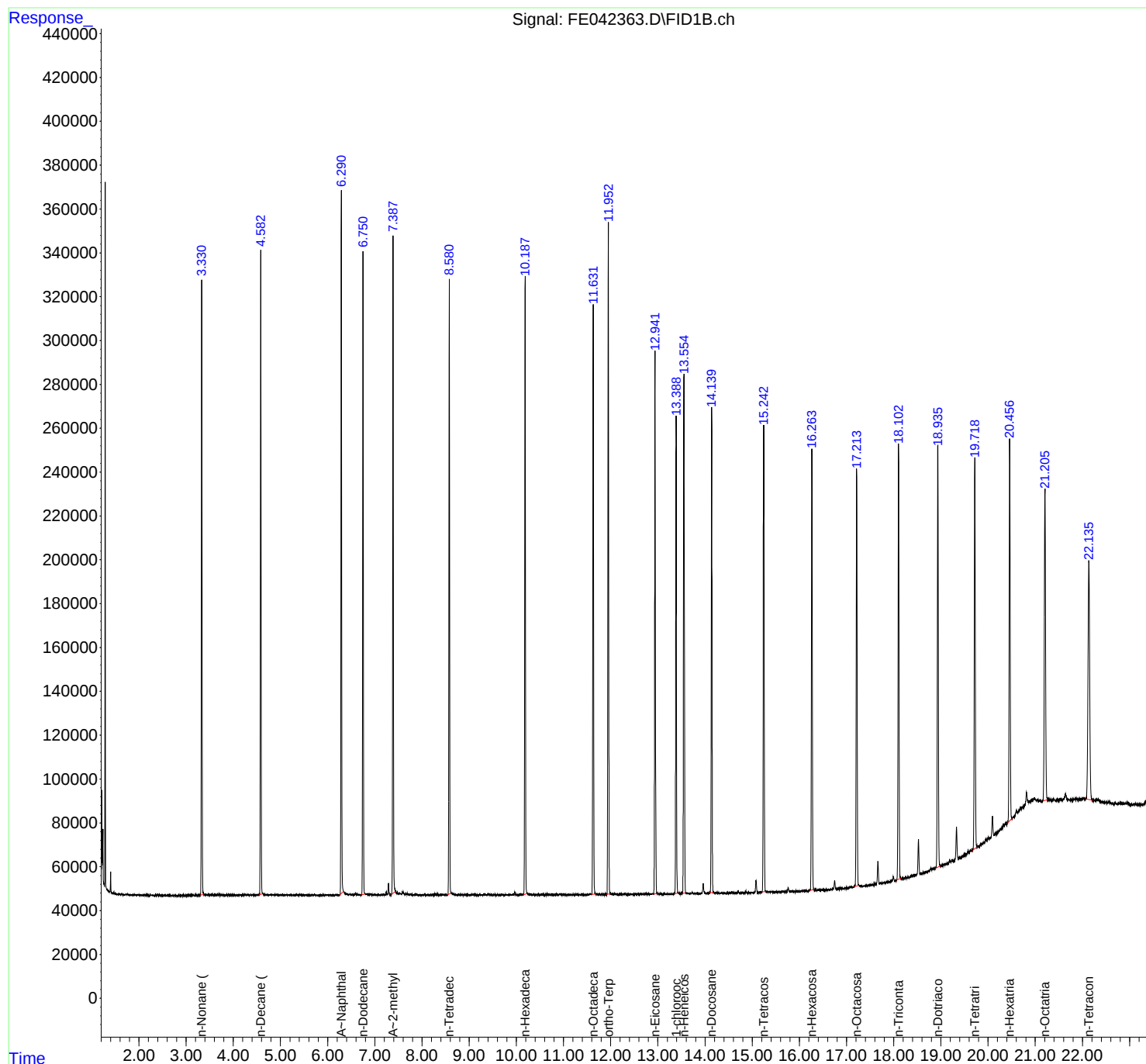
(m)=manual int.

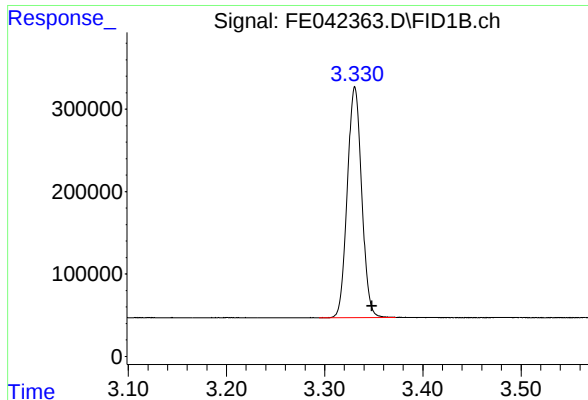
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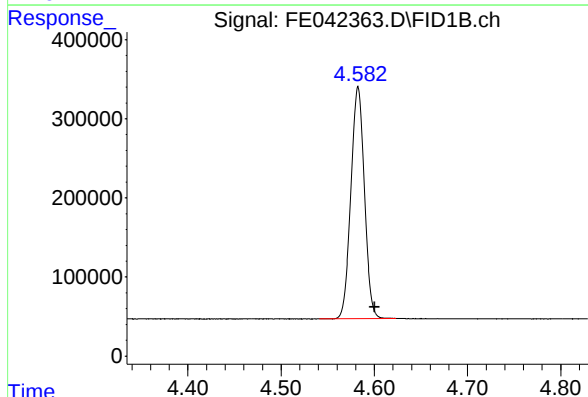




#1 n-Nonane (C9)

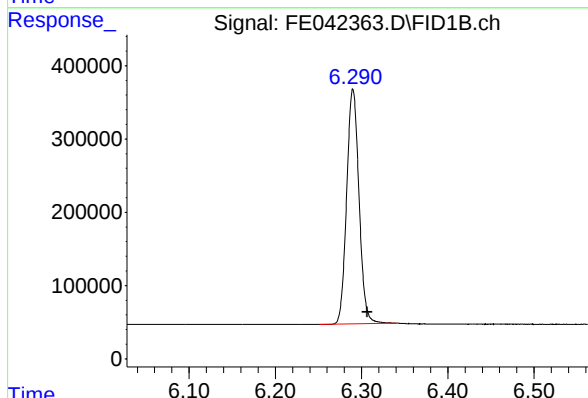
R.T.: 3.331 min
Delta R.T.: -0.017 min
Response: 2851712
Conc: 19.78 ug/ml

Instrument :
FID_E
ClientSampleId :



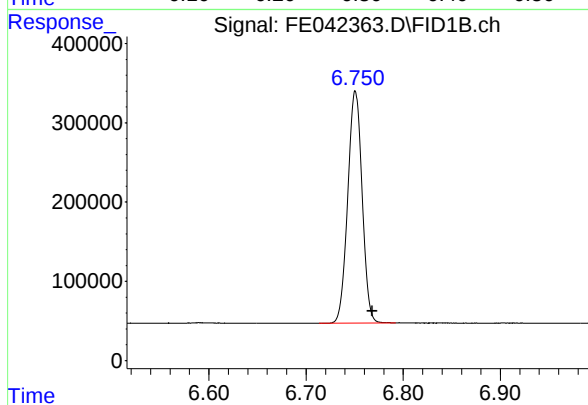
#2 n-Decane (C10)

R.T.: 4.583 min
Delta R.T.: -0.018 min
Response: 2955463
Conc: 19.96 ug/ml



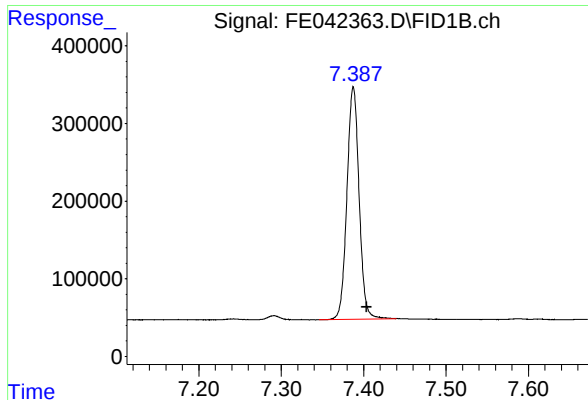
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: -0.017 min
Response: 3178903
Conc: 19.48 ug/ml



#4 n-Dodecane (C12)

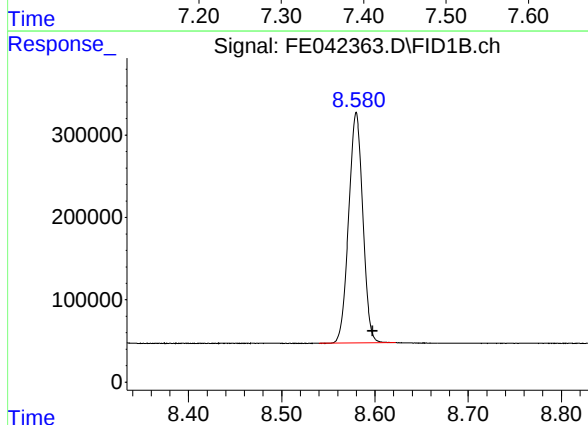
R.T.: 6.751 min
Delta R.T.: -0.017 min
Response: 2988641
Conc: 19.93 ug/ml



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

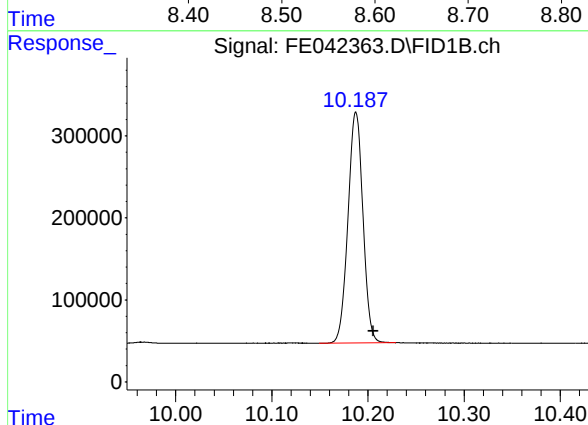
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 3063942
Conc: 19.31 ug/ml

Instrument :
FID_E
ClientSampleId :



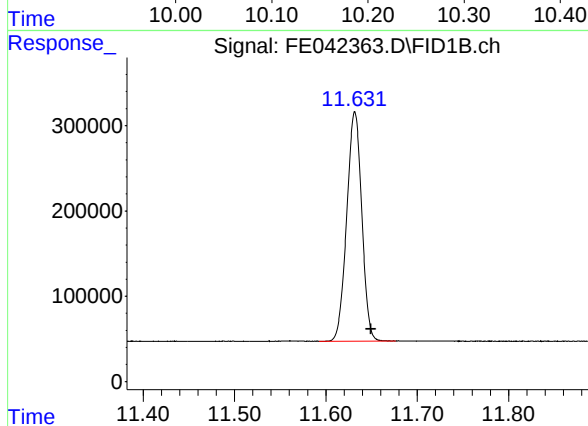
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: -0.017 min
Response: 2950378
Conc: 19.69 ug/ml



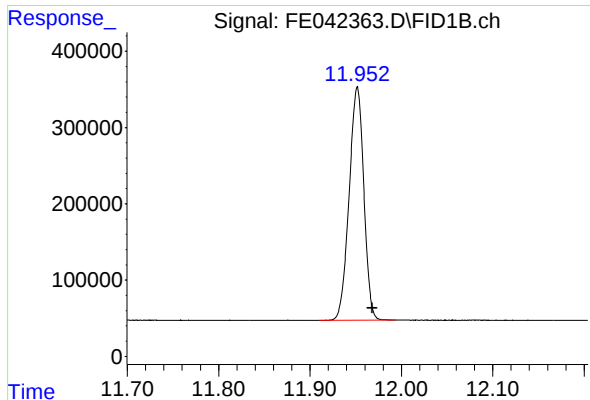
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: -0.018 min
Response: 3052580
Conc: 19.60 ug/ml



#8 n-Octadecane (C18)

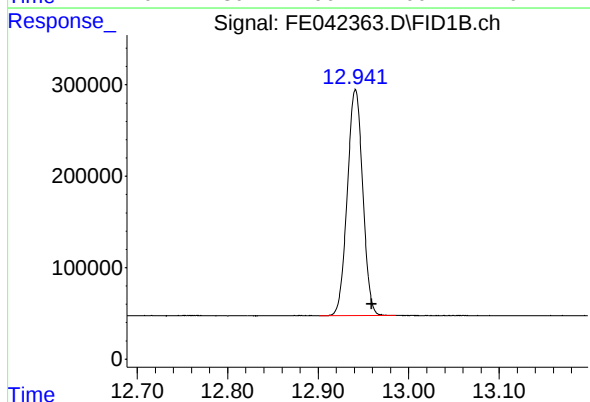
R.T.: 11.632 min
Delta R.T.: -0.017 min
Response: 3075050
Conc: 19.45 ug/ml



#9 ortho-Terphenyl (SURR)

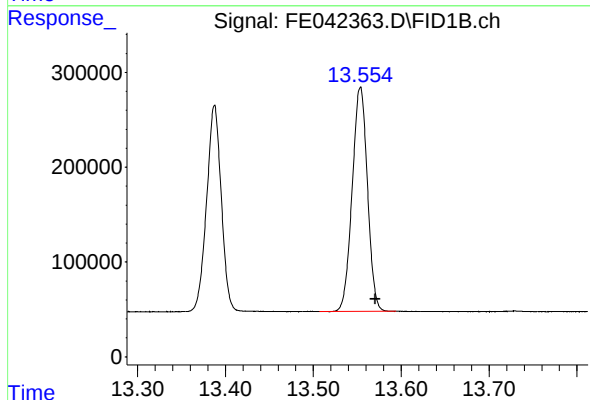
R.T.: 11.952 min
Delta R.T.: -0.016 min
Response: 3412566
Conc: 19.33 ug/ml

Instrument :
FID_E
ClientSampleId :



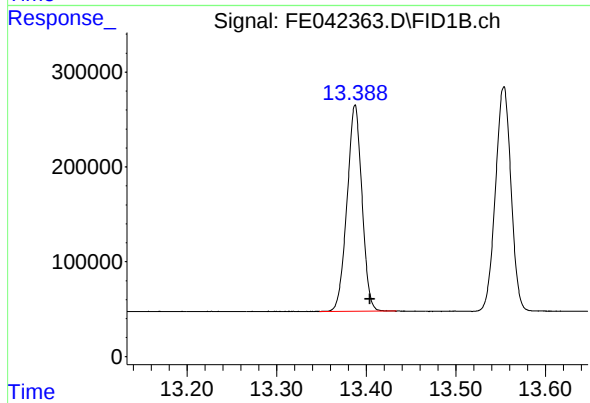
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.018 min
Response: 2928533
Conc: 19.32 ug/ml



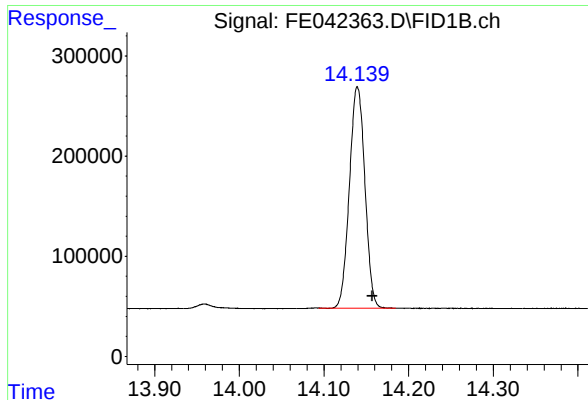
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.017 min
Response: 2852906
Conc: 19.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: -0.017 min
Response: 2517503
Conc: 18.95 ug/ml



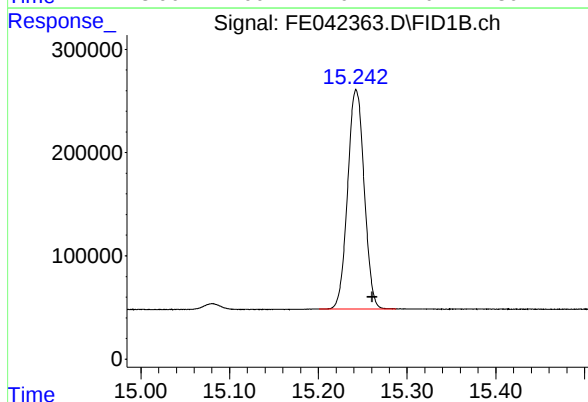
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.018 min
Response: 2810133
Conc: 19.17 ug/ml

Instrument :

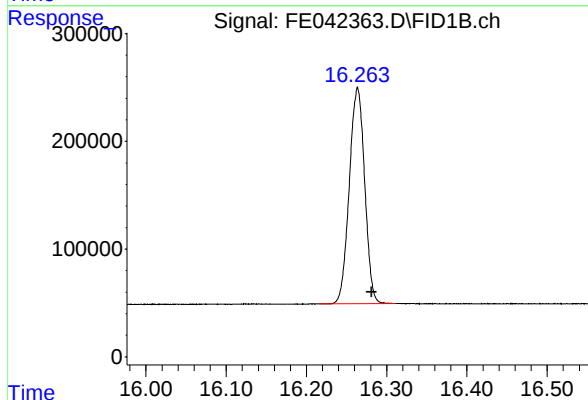
FID_E

ClientSampleId :



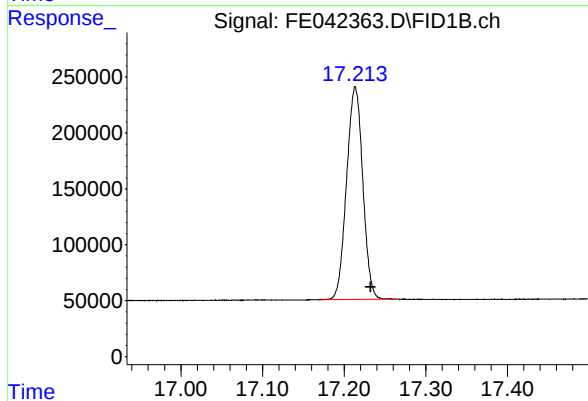
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.018 min
Response: 2752394
Conc: 19.07 ug/ml



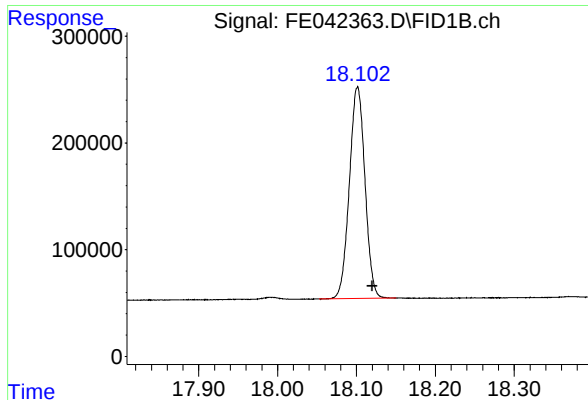
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: -0.017 min
Response: 2669189
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

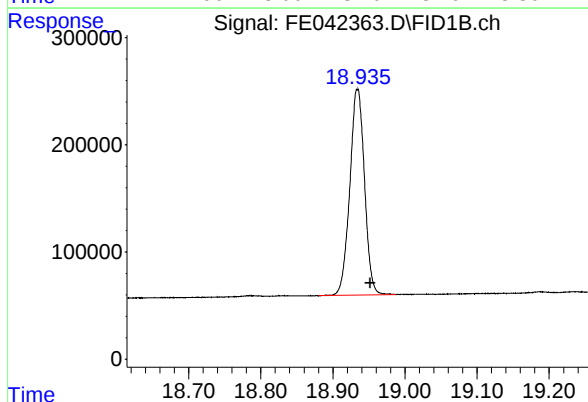
R.T.: 17.214 min
Delta R.T.: -0.019 min
Response: 2620598
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

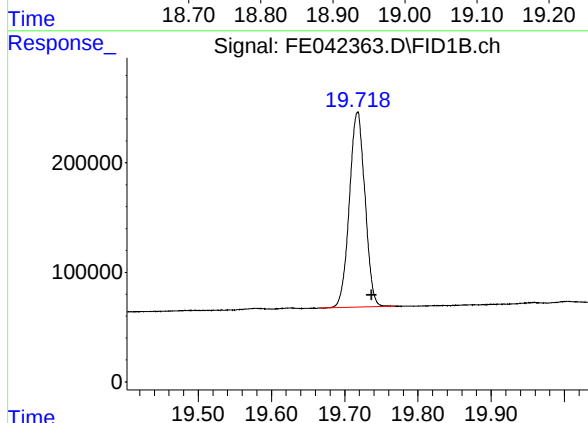
R.T.: 18.101 min
Delta R.T.: -0.018 min
Response: 2728737
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :



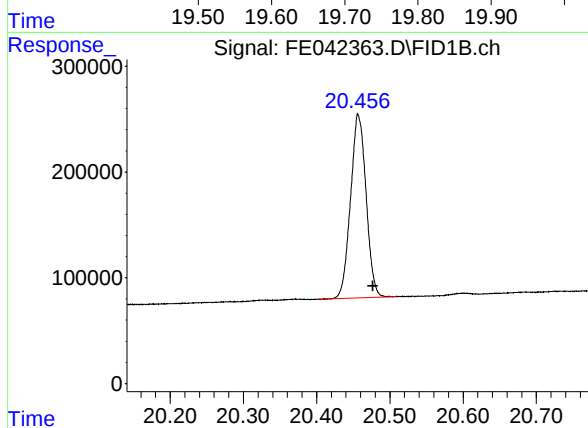
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.018 min
Response: 2722741
Conc: 20.38 ug/ml



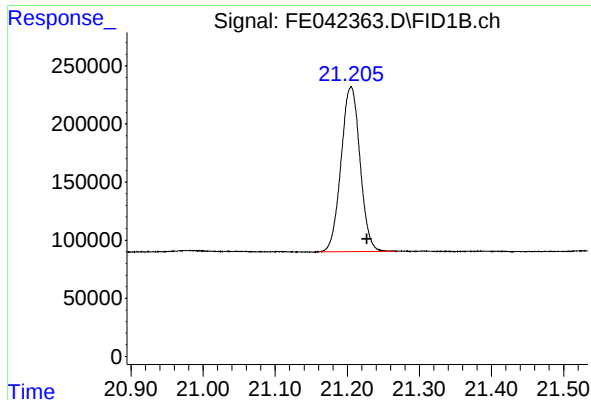
#19 n-Tetatriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.019 min
Response: 2635499
Conc: 20.04 ug/ml



#20 n-Hexatriacontane (C36)

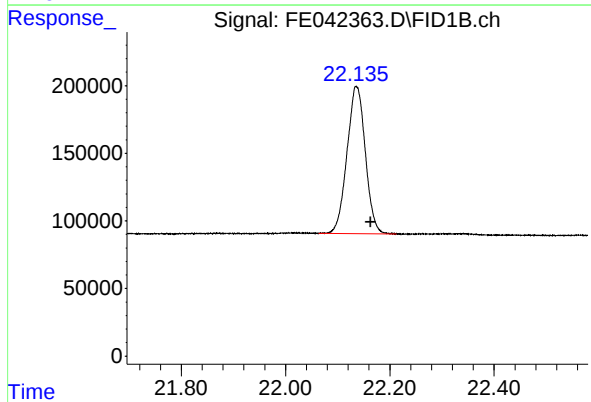
R.T.: 20.457 min
Delta R.T.: -0.020 min
Response: 2562246
Conc: 19.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.022 min
Response: 2594232
Conc: 19.12 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: -0.028 min
Response: 2657855
Conc: 19.10 ug/ml