

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048228.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 07:01
 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: May 17 11:45:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.964	2496868	17.308 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
12) S 1-chlorooctadecane (S...	13.398	1918283	17.167 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	3.348	2391808	18.558 ug/ml
2) T n-Decane (C10)	4.597	2536708	19.268 ug/ml
3) T A~Naphthalene (C11.7)	6.306	2518596	18.240 ug/ml
4) T n-Dodecane (C12)	6.763	2513355	18.853 ug/ml
5) T A~2-methylnaphthalene...	7.401	2386643	17.935 ug/ml
6) T n-Tetradecane (C14)	8.592	2418765	18.252 ug/ml
7) T n-Hexadecane (C16)	10.199	2448811	17.805 ug/ml
8) T n-Octadecane (C18)	11.642	2434771	17.479 ug/ml
10) T n-Eicosane (C20)	12.951	2334551	17.339 ug/ml
11) T n-Heneicosane (C21)	13.564	2279148	17.217 ug/ml
13) T n-Docosane (C22)	14.150	2332860	17.604 ug/ml
14) T n-Tetracosane (C24)	15.252	2463308	18.500 ug/ml
15) T n-Hexacosane (C26)	16.272	2564093	19.215 ug/ml
16) T n-Octacosane (C28)	17.221	2735170	20.543 ug/ml
17) T n-Tricontane (C30)	18.109	3014140	21.839 ug/ml
18) T n-Dotriacontane (C32)	18.941	3082309	22.315 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2855053	20.959 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2827899	20.886 ug/ml
21) T n-Octatriacontane (C38)	21.205	2576931	18.664 ug/ml
22) T n-Tetracontane (C40)	22.128	2501656	17.956 ug/ml

(f)=RT Delta > 1/2 Window

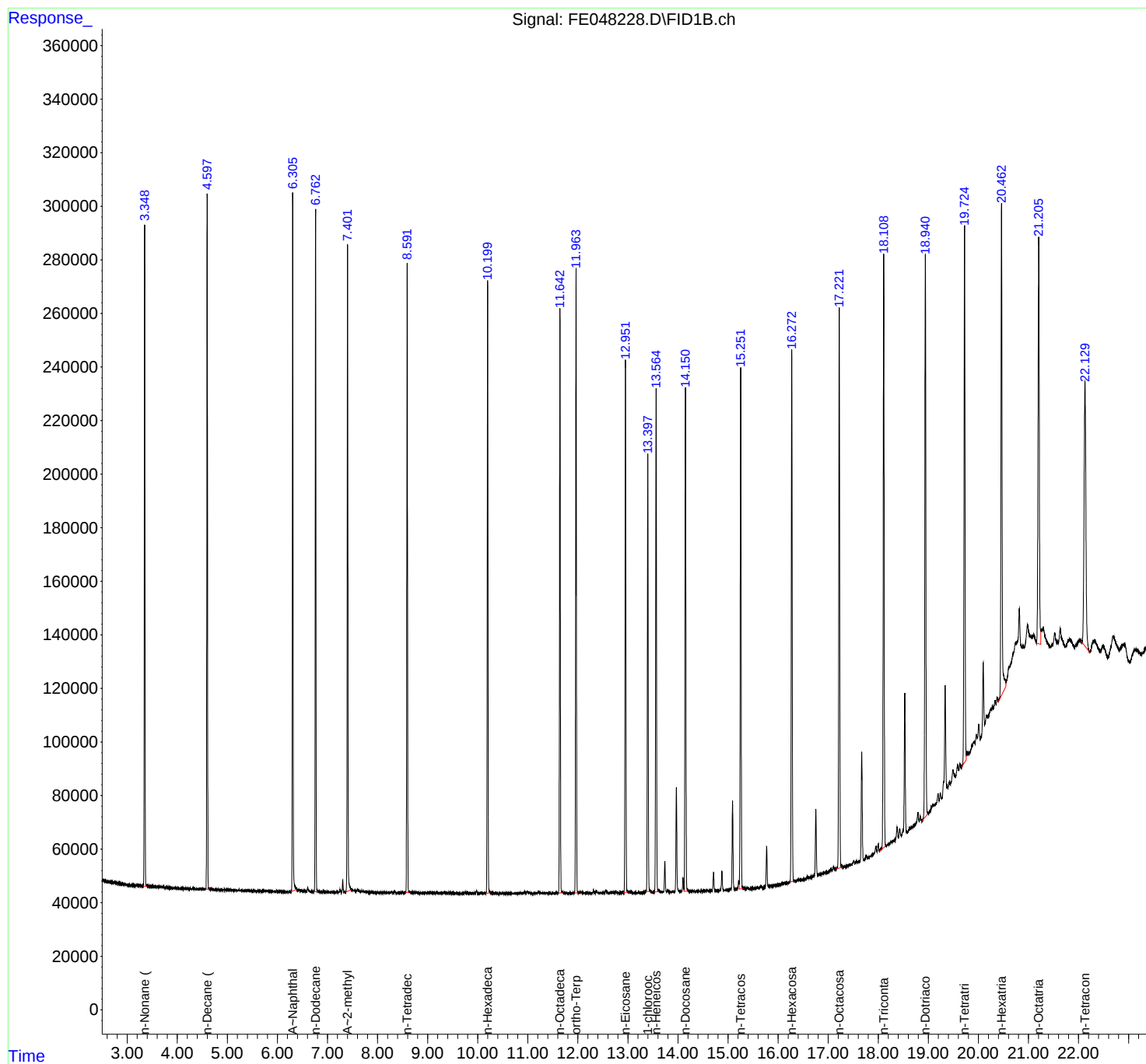
(m)=manual int.

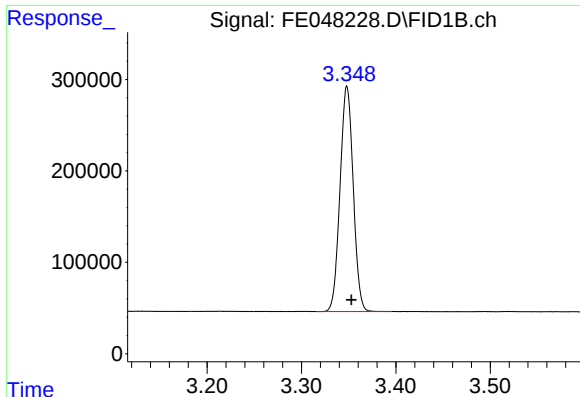
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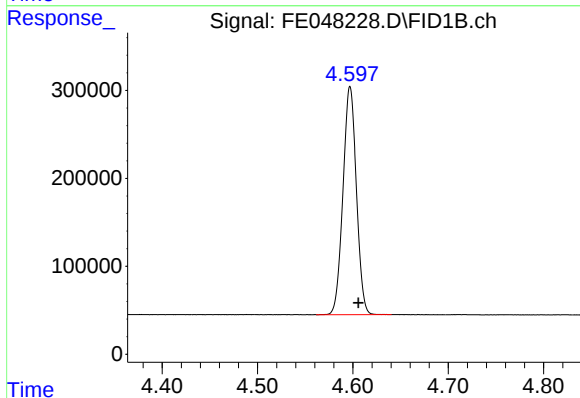




#1 n-Nonane (C9)

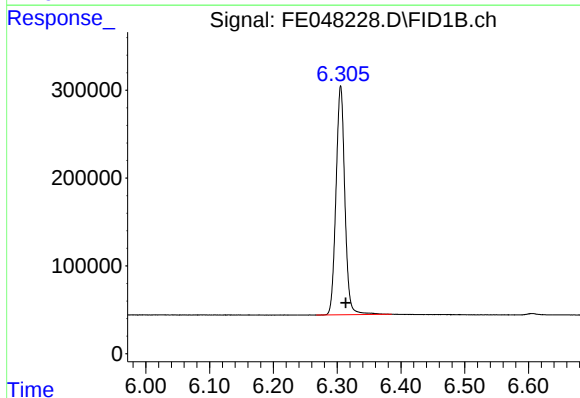
R.T.: 3.348 min
Delta R.T.: -0.005 min
Response: 2391808
Conc: 18.56 ug/ml

Instrument :
FID_E
ClientSampleId :



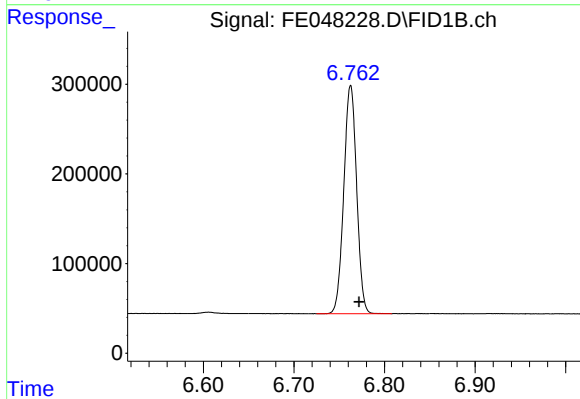
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.009 min
Response: 2536708
Conc: 19.27 ug/ml



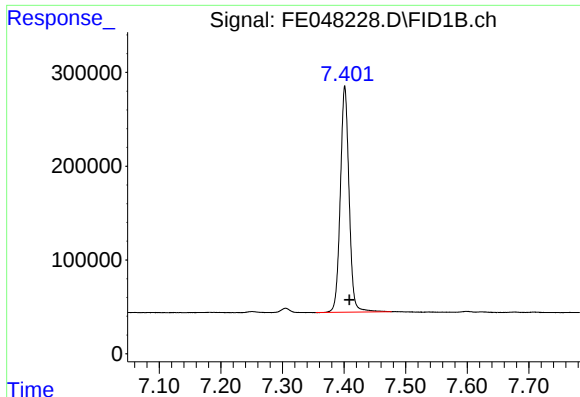
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.008 min
Response: 2518596
Conc: 18.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 2513355
Conc: 18.85 ug/ml



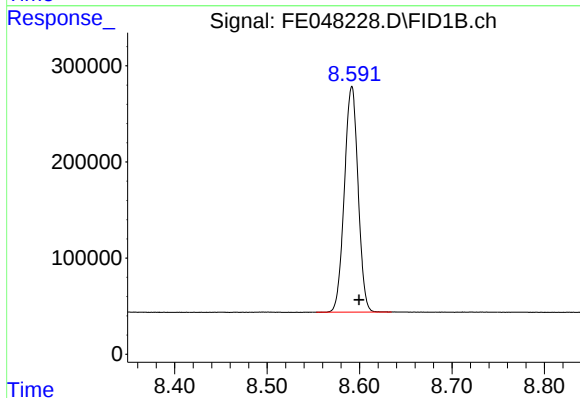
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.401 min
Delta R.T.: -0.008 min
Response: 2386643
Conc: 17.93 ug/ml

Instrument :

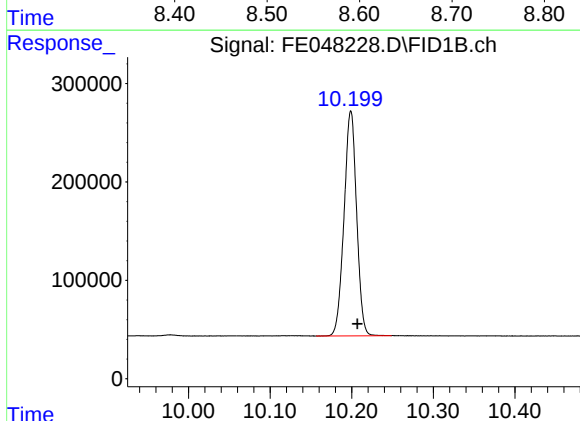
FID_E

ClientSampleId :



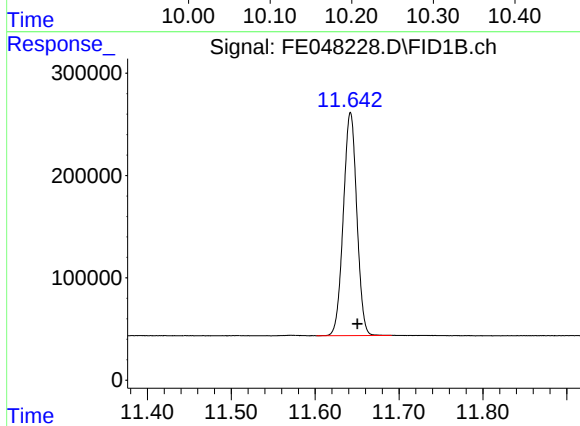
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.008 min
Response: 2418765
Conc: 18.25 ug/ml



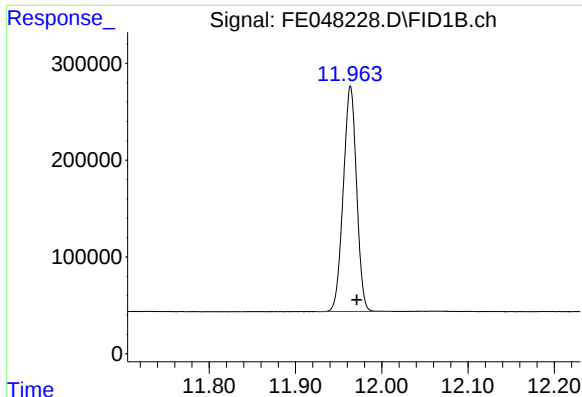
#7 n-Hexadecane (C16)

R.T.: 10.199 min
Delta R.T.: -0.008 min
Response: 2448811
Conc: 17.81 ug/ml



#8 n-Octadecane (C18)

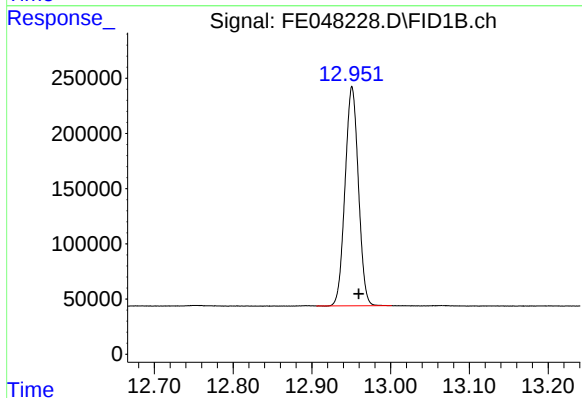
R.T.: 11.642 min
Delta R.T.: -0.008 min
Response: 2434771
Conc: 17.48 ug/ml



#9 ortho-Terphenyl (SURR)

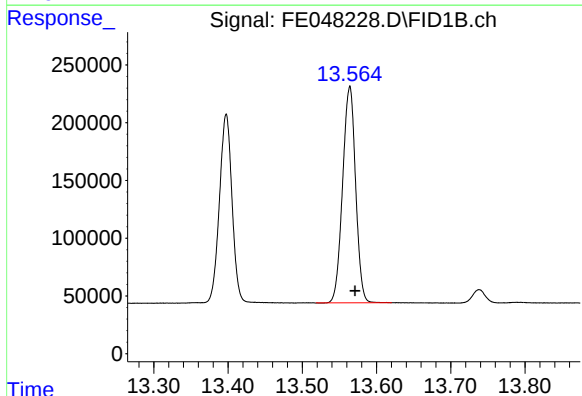
R.T.: 11.964 min
Delta R.T.: -0.007 min
Response: 2496868
Conc: 17.31 ug/ml

Instrument :
FID_E
ClientSampleId :



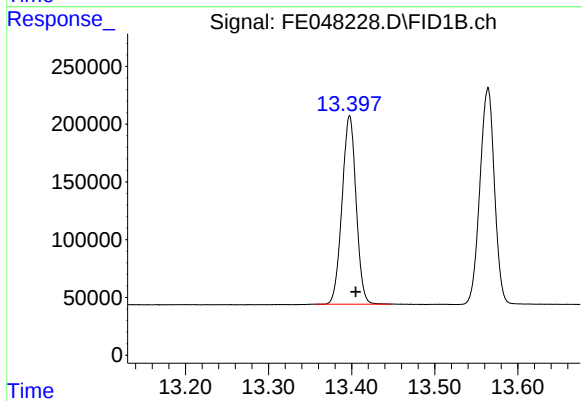
#10 n-Eicosane (C20)

R.T.: 12.951 min
Delta R.T.: -0.008 min
Response: 2334551
Conc: 17.34 ug/ml



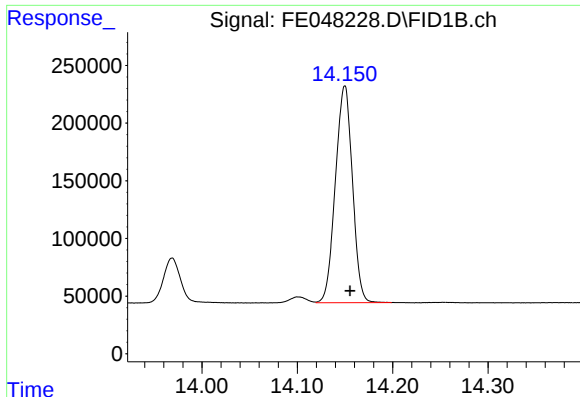
#11 n-Heneicosane (C21)

R.T.: 13.564 min
Delta R.T.: -0.007 min
Response: 2279148
Conc: 17.22 ug/ml



#12 1-chlorooctadecane (SURR)

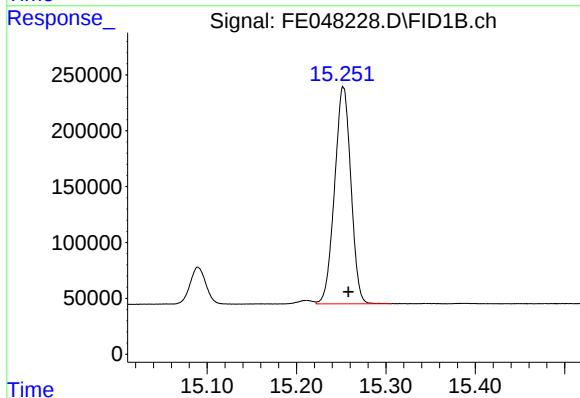
R.T.: 13.398 min
Delta R.T.: -0.007 min
Response: 1918283
Conc: 17.17 ug/ml



#13 n-Docosane (C22)

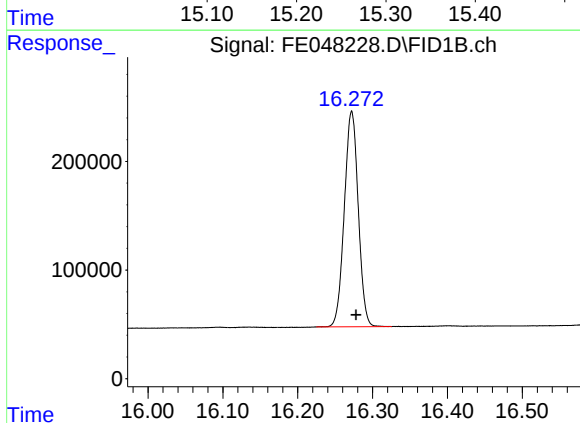
R.T.: 14.150 min
Delta R.T.: -0.006 min
Response: 2332860
Conc: 17.60 ug/ml

Instrument :
FID_E
ClientSampleId :



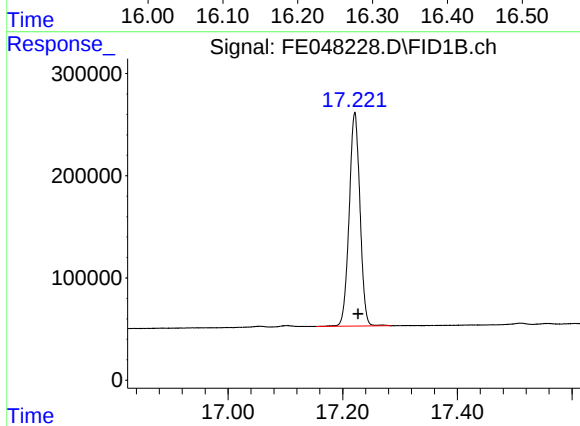
#14 n-Tetracosane (C24)

R.T.: 15.252 min
Delta R.T.: -0.006 min
Response: 2463308
Conc: 18.50 ug/ml



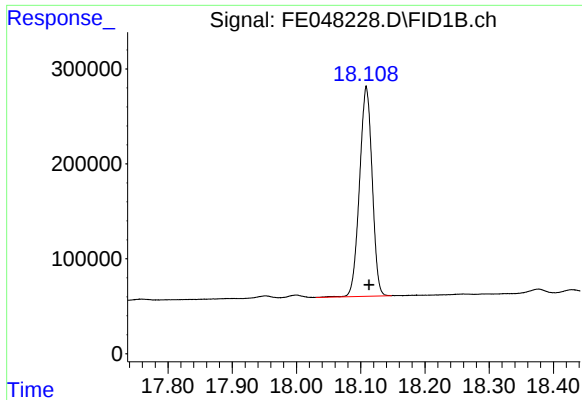
#15 n-Hexacosane (C26)

R.T.: 16.272 min
Delta R.T.: -0.006 min
Response: 2564093
Conc: 19.21 ug/ml



#16 n-Octacosane (C28)

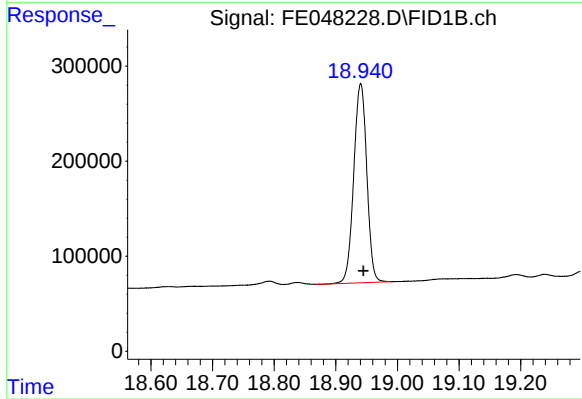
R.T.: 17.221 min
Delta R.T.: -0.006 min
Response: 2735170
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

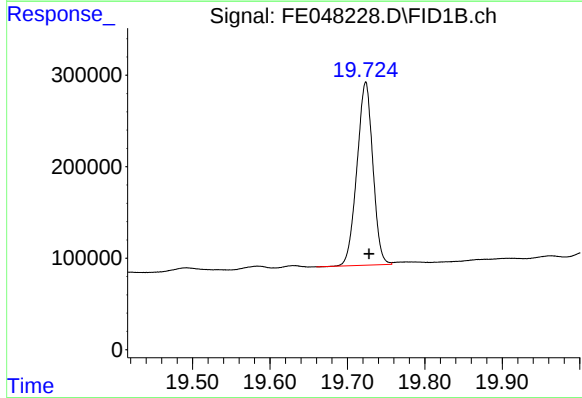
R.T.: 18.109 min
Delta R.T.: -0.005 min
Response: 3014140
Conc: 21.84 ug/ml

Instrument :
FID_E
ClientSampleId :



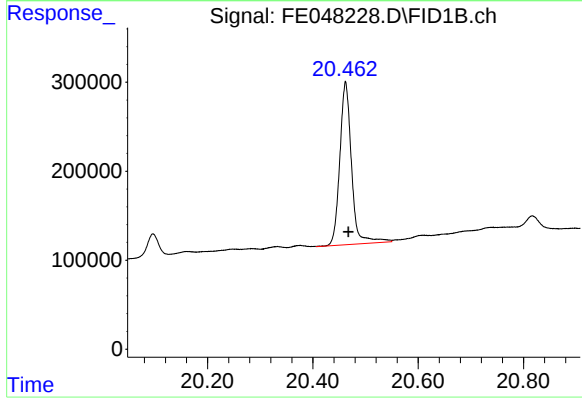
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.004 min
Response: 3082309
Conc: 22.32 ug/ml



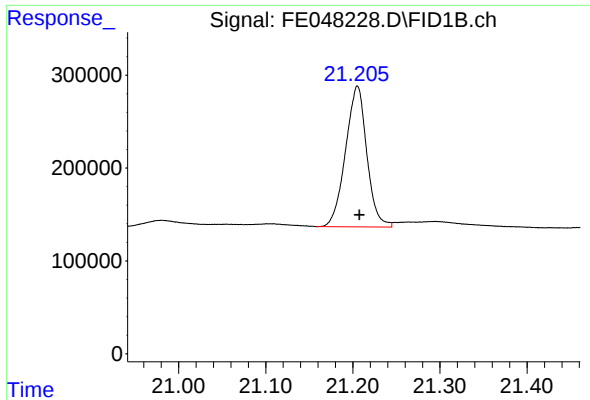
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.004 min
Response: 2855053
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

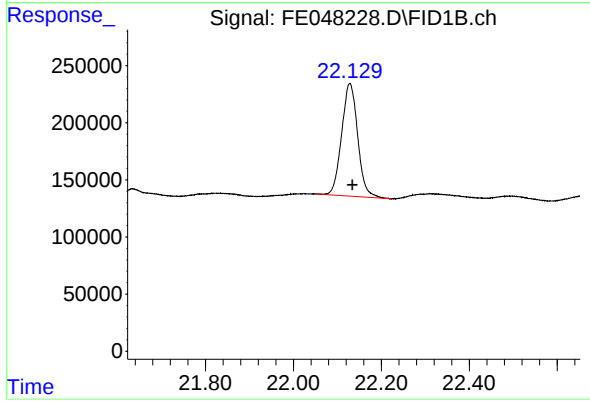
R.T.: 20.462 min
Delta R.T.: -0.005 min
Response: 2827899
Conc: 20.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: -0.002 min
Response: 2576931
Conc: 18.66 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.006 min
Response: 2501656
Conc: 17.96 ug/ml