

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061723AL\
 Data File : FE042688.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2023 08:57
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 19 02:32:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061723.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 19 02:24:28 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)	11.934	1041234	5.377 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.372	770817	5.346 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
Target Compounds			
1) T n-Nonane (C9)	3.316	825568	5.283 ug/ml
2) T n-Decane (C10)	4.567	836055	5.240 ug/ml
3) T A~Naphthalene (C11.7)	6.276	866320	5.040 ug/ml
4) T n-Dodecane (C12)	6.735	847541	5.237 ug/ml
5) T A~2-methylnaphthalene...	7.374	820123	4.954 ug/ml
6) T n-Tetradecane (C14)	8.564	846266	5.250 ug/ml
7) T n-Hexadecane (C16)	10.172	894380	5.316 ug/ml
8) T n-Octadecane (C18)	11.615	919261	5.358 ug/ml
10) T n-Eicosane (C20)	12.925	894065	5.387 ug/ml
11) T n-Heneicosane (C21)	13.538	878917	5.395 ug/ml
13) T n-Docosane (C22)	14.124	870984	5.401 ug/ml
14) T n-Tetracosane (C24)	15.228	857000	5.425 ug/ml
15) T n-Hexacosane (C26)	16.250	818882	5.419 ug/ml
16) T n-Octacosane (C28)	17.199	777352	5.430 ug/ml
17) T n-Tricontane (C30)	18.087	771629	5.473 ug/ml
18) T n-Dotriacontane (C32)	18.919	749426	5.506 ug/ml
19) T n-Tetratriacontane (C34)	19.704	718875	5.437 ug/ml
20) T n-Hexatriacontane (C36)	20.442	699378	5.438 ug/ml
21) T n-Octatriacontane (C38)	21.189	689544	5.325 ug/ml
22) T n-Tetracontane (C40)	22.115	698237	5.356 ug/ml

(f)=RT Delta > 1/2 Window

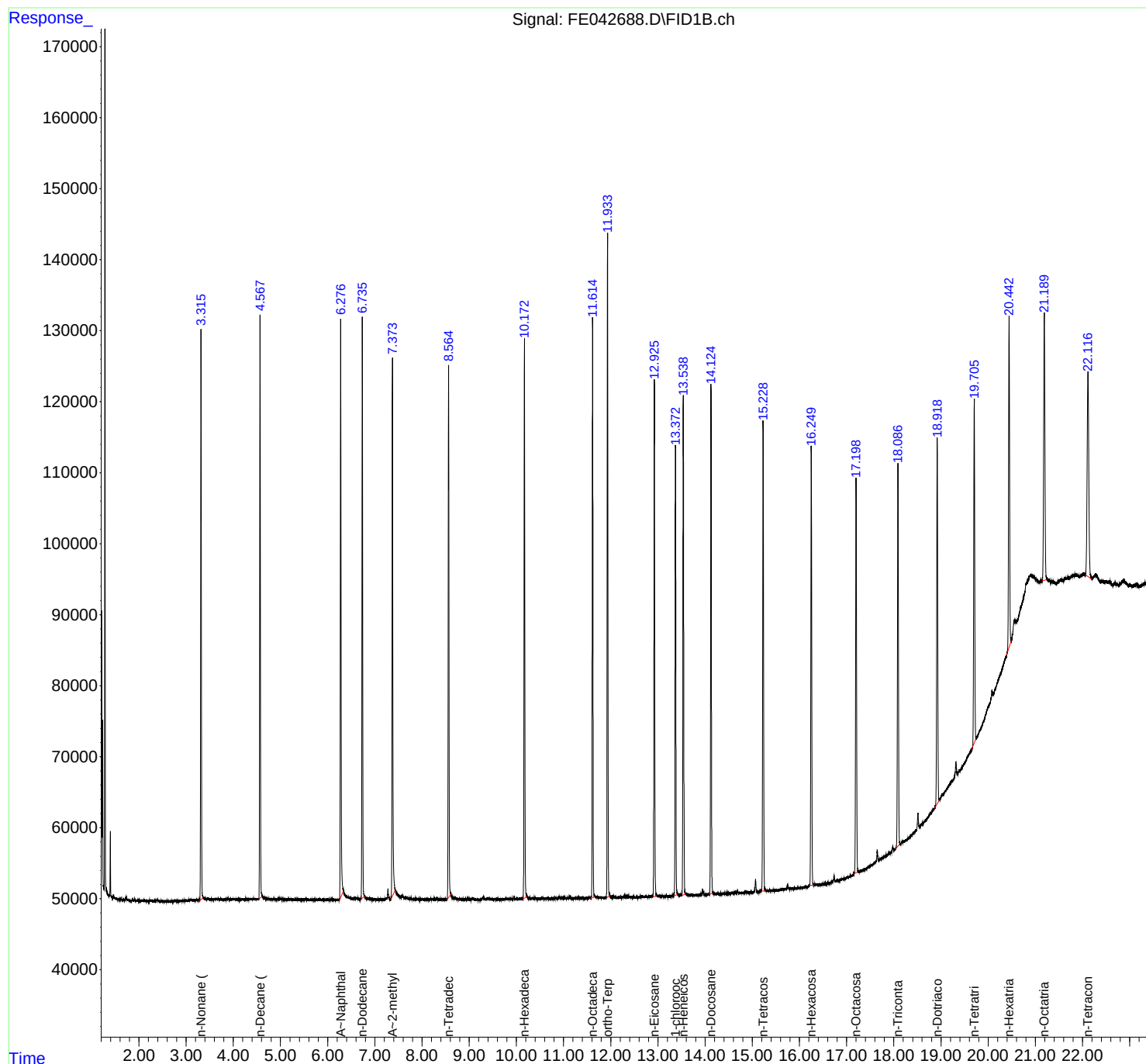
(m)=manual int.

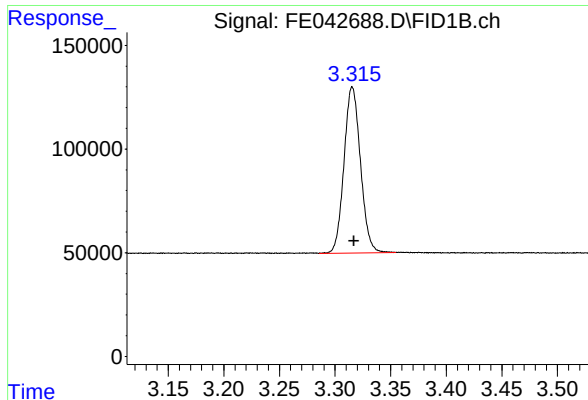
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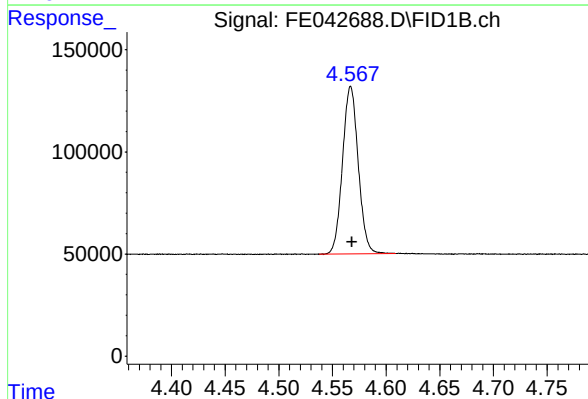




#1 n-Nonane (C9)

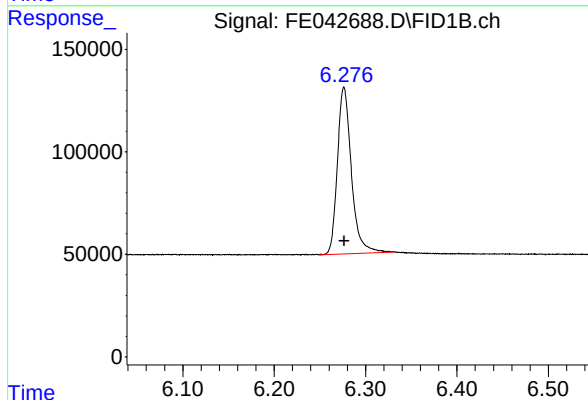
R.T.: 3.316 min
Delta R.T.: -0.001 min
Response: 825568
Conc: 5.28 ug/ml

Instrument :
FID_E
ClientSampleId :



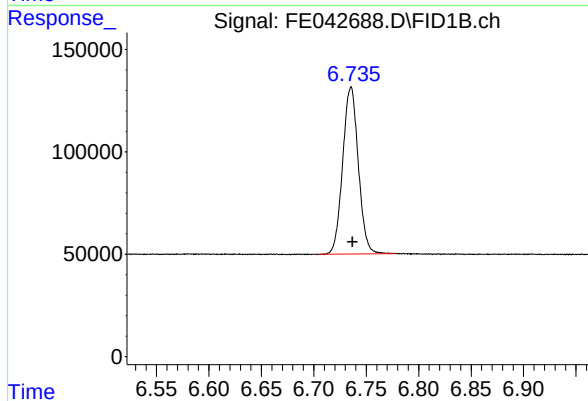
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 836055
Conc: 5.24 ug/ml



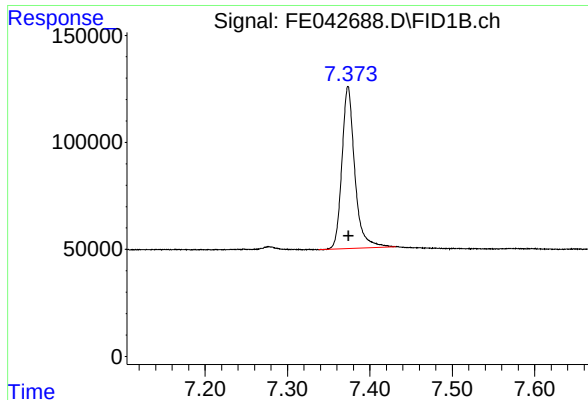
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 866320
Conc: 5.04 ug/ml



#4 n-Dodecane (C12)

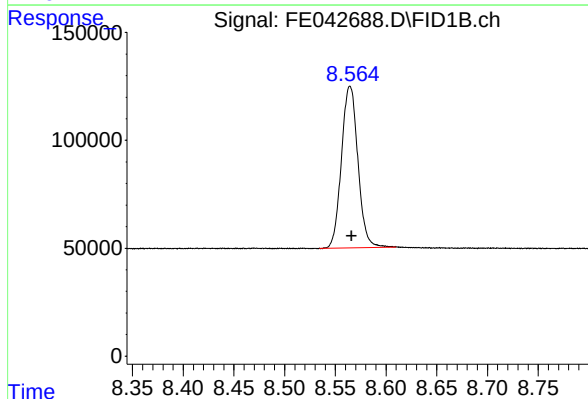
R.T.: 6.735 min
Delta R.T.: -0.002 min
Response: 847541
Conc: 5.24 ug/ml



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

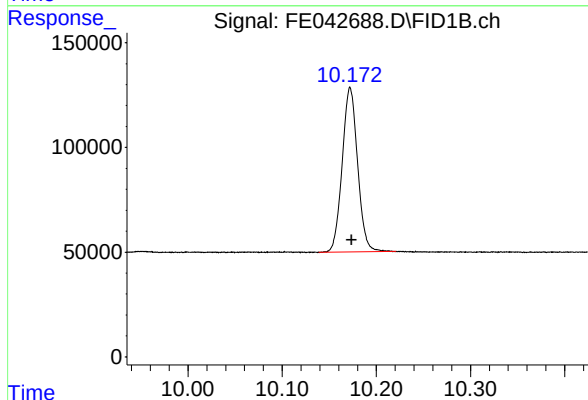
R.T.: 7.374 min
Delta R.T.: 0.000 min
Response: 820123
Conc: 4.95 ug/ml

Instrument :
FID_E
ClientSampleId :



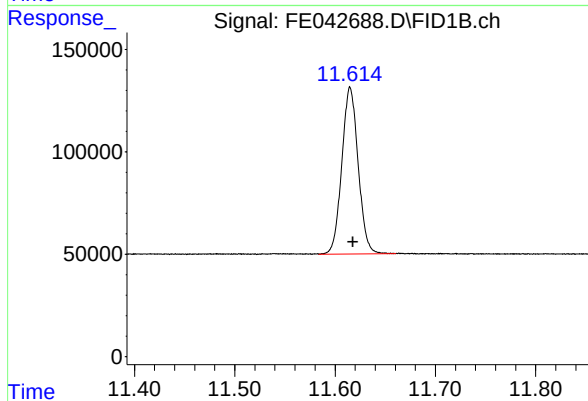
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: -0.002 min
Response: 846266
Conc: 5.25 ug/ml



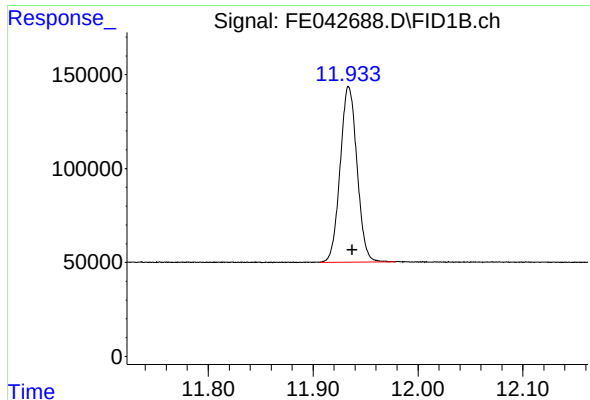
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: -0.002 min
Response: 894380
Conc: 5.32 ug/ml



#8 n-Octadecane (C18)

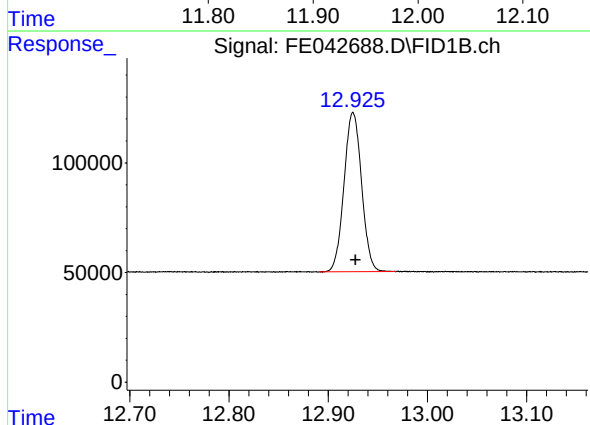
R.T.: 11.615 min
Delta R.T.: -0.003 min
Response: 919261
Conc: 5.36 ug/ml



#9 ortho-Terphenyl (SURR)

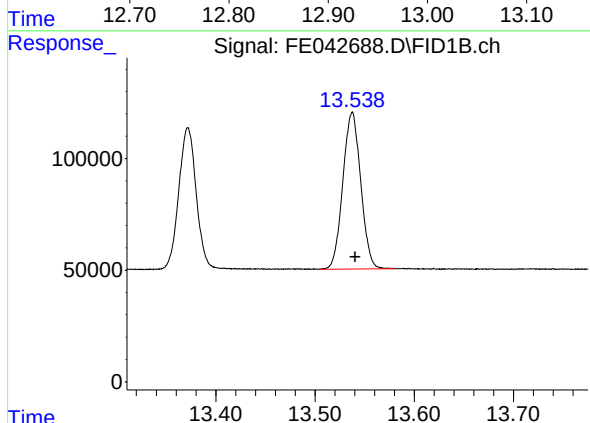
R.T.: 11.934 min
Delta R.T.: -0.003 min
Response: 1041234
Conc: 5.38 ug/ml

Instrument :
FID_E
ClientSampleId :



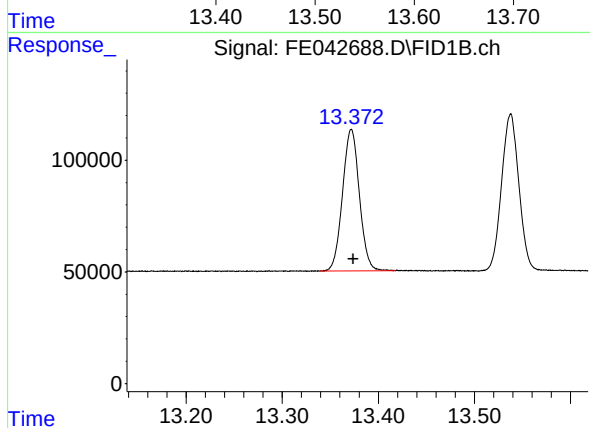
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.002 min
Response: 894065
Conc: 5.39 ug/ml



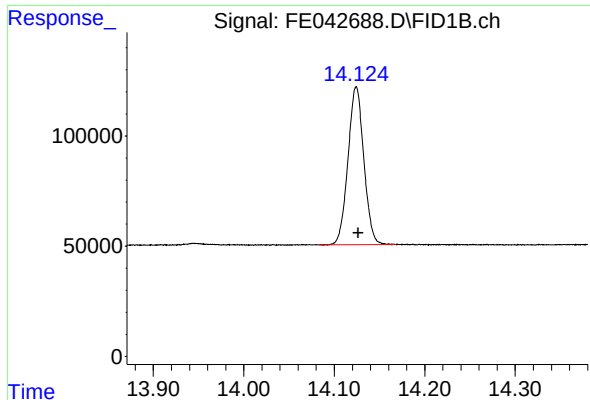
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.003 min
Response: 878917
Conc: 5.40 ug/ml



#12 1-chlorooctadecane (SURR)

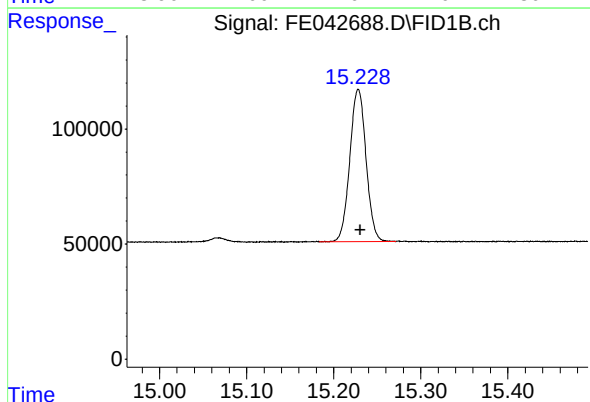
R.T.: 13.372 min
Delta R.T.: -0.002 min
Response: 770817
Conc: 5.35 ug/ml



#13 n-Docosane (C22)

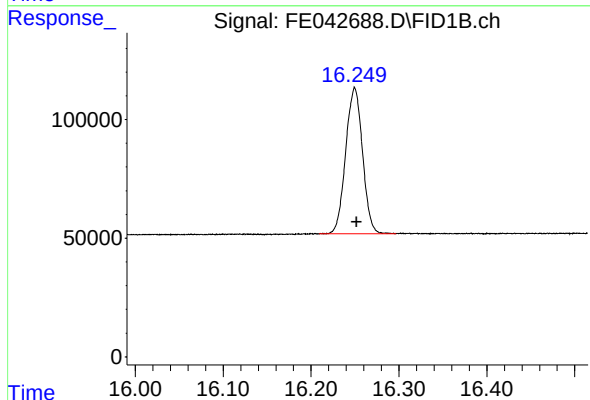
R.T.: 14.124 min
Delta R.T.: -0.002 min
Response: 870984
Conc: 5.40 ug/ml

Instrument :
FID_E
ClientSampleId :



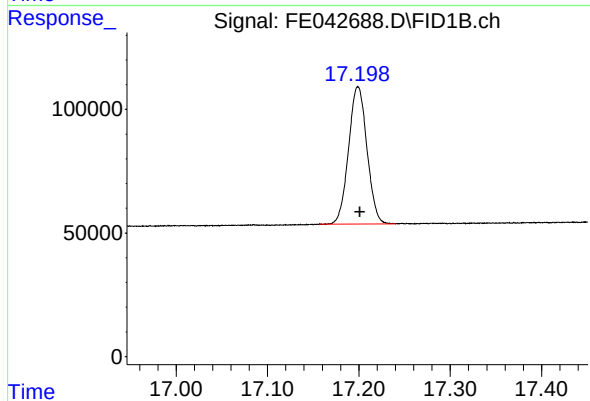
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.002 min
Response: 857000
Conc: 5.43 ug/ml



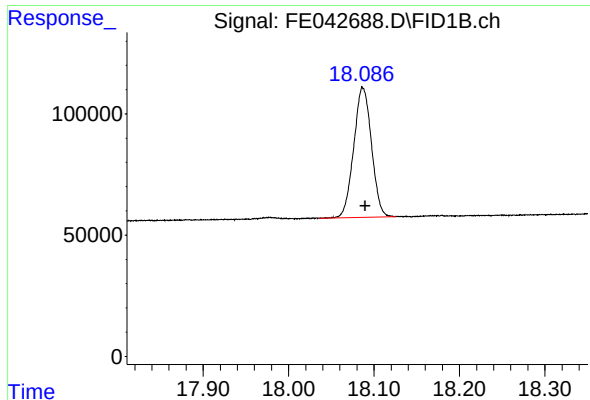
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.002 min
Response: 818882
Conc: 5.42 ug/ml



#16 n-Octacosane (C28)

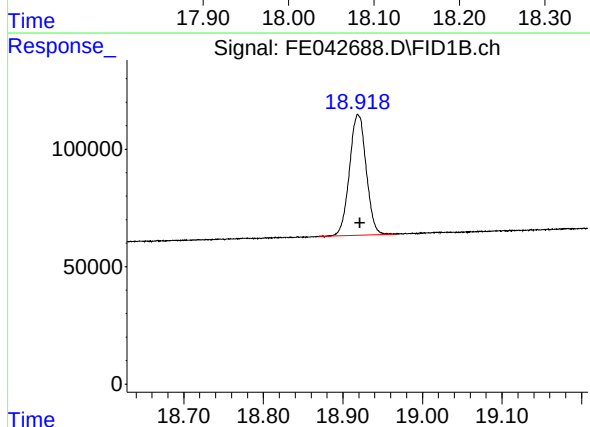
R.T.: 17.199 min
Delta R.T.: -0.002 min
Response: 777352
Conc: 5.43 ug/ml



#17 n-Tricontane (C30)

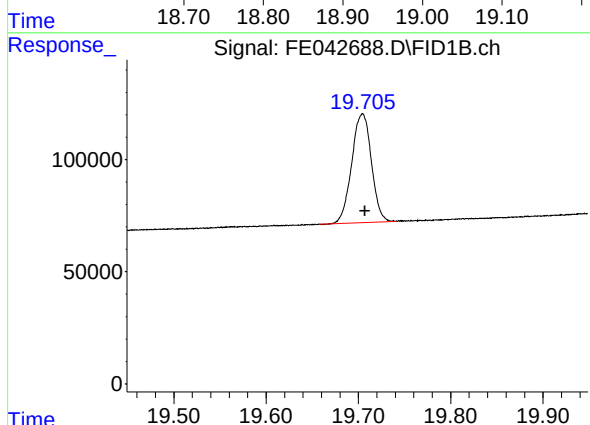
R.T.: 18.087 min
Delta R.T.: -0.003 min
Response: 771629
Conc: 5.47 ug/ml

Instrument :
FID_E
ClientSampleId :



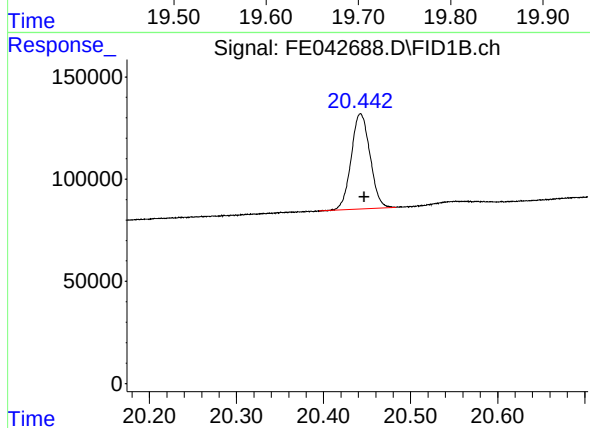
#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.002 min
Response: 749426
Conc: 5.51 ug/ml



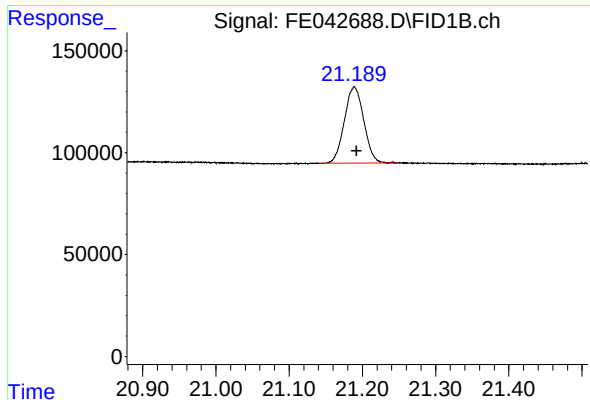
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: -0.002 min
Response: 718875
Conc: 5.44 ug/ml



#20 n-Hexatriacontane (C36)

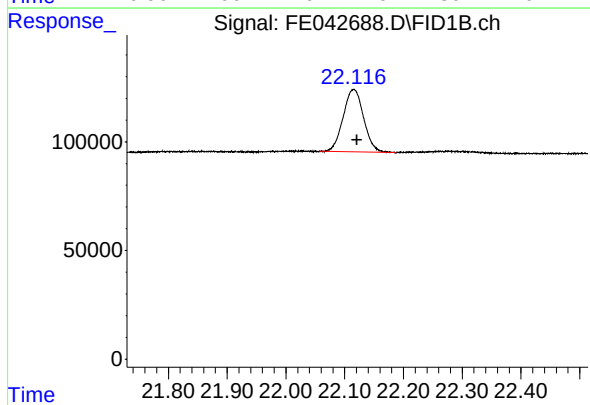
R.T.: 20.442 min
Delta R.T.: -0.004 min
Response: 699378
Conc: 5.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.003 min
Response: 689544
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.005 min
Response: 698237
Conc: 5.36 ug/ml