

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062824AL\
 Data File : FC066684.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2024 16:00
 Operator : YP/AJ
 Sample : PB161827BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB161827BS

Integration File: autoint1.e
 Quant Time: Jun 29 02:17:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.533	6524946	37.829 ug/ml
Spiked Amount 50.000		Recovery =	75.66%
12) S 1-chlorooctadecane (S...	12.971	5462015	39.586 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
Target Compounds			
1) T n-Nonane (C9)	3.308	5598320	38.531 ug/ml
2) T n-Decane (C10)	4.368	6129522	41.093 ug/ml
3) T A~Naphthalene (C11.7)	5.945	7283244	44.858 ug/ml
4) T n-Dodecane (C12)	6.380	6242313	41.188 ug/ml
5) T A~2-methylnaphthalene...	7.001	7311651	46.024 ug/ml
6) T n-Tetradecane (C14)	8.176	6593430	43.467 ug/ml
7) T n-Hexadecane (C16)	9.777	6821719	42.586 ug/ml
8) T n-Octadecane (C18)	11.219	6922382	41.720 ug/ml
10) T n-Eicosane (C20)	12.529	7028178	43.233 ug/ml
11) T n-Heneicosane (C21)	13.140	6814927	42.296 ug/ml
13) T n-Docosane (C22)	13.726	6757945	42.152 ug/ml
14) T n-Tetracosane (C24)	14.828	6227578	39.239 ug/ml
15) T n-Hexacosane (C26)	15.851	6354596	41.616 ug/ml
16) T n-Octacosane (C28)	16.798	6065485	42.049 ug/ml
17) T n-Tricontane (C30)	17.687	5764165	41.257 ug/ml
18) T n-Dotriacontane (C32)	18.517	5239457	39.701 ug/ml
19) T n-Tetratriacontane (C34)	19.301	4481002	36.232 ug/ml
20) T n-Hexatriacontane (C36)	20.039	3598877	29.861 ug/ml
21) T n-Octatriacontane (C38)	20.768	3017188	26.386 ug/ml
22) T n-Tetracontane (C40)	21.668	2423329	21.577 ug/ml

(f)=RT Delta > 1/2 Window

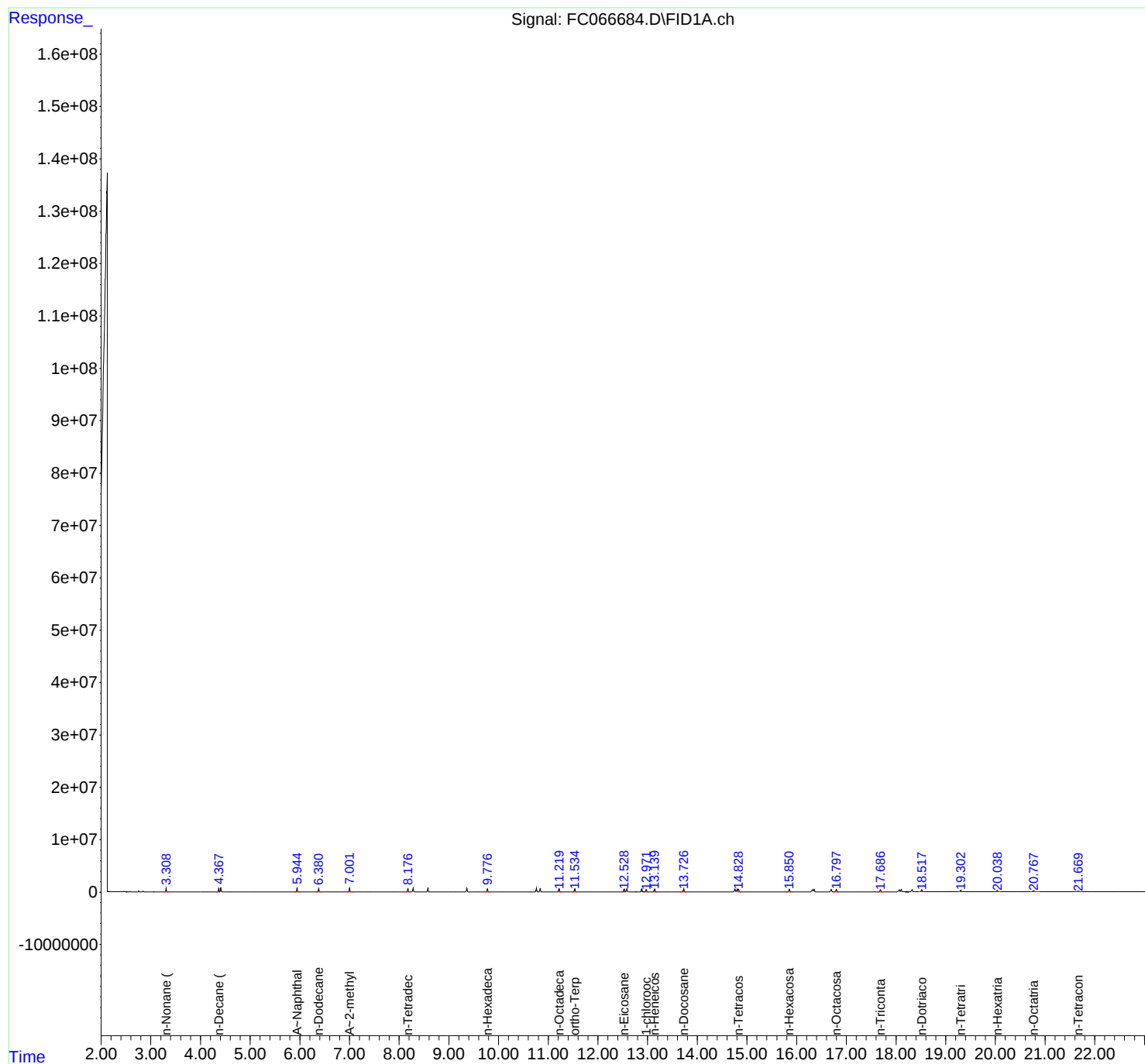
(m)=manual int.

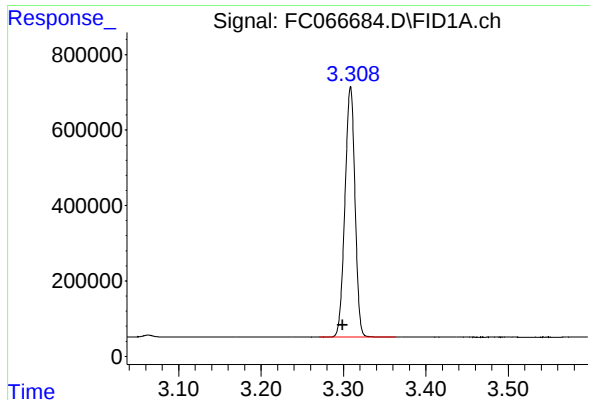
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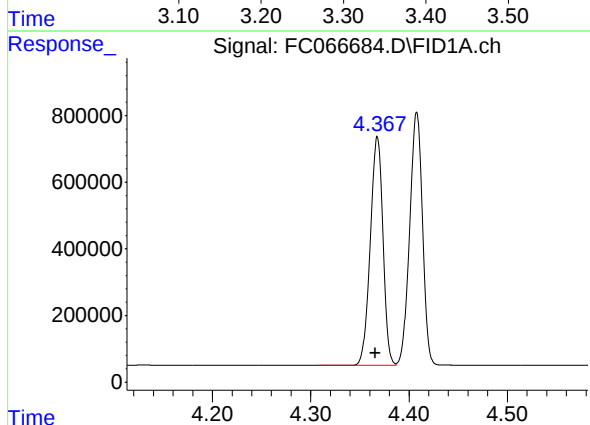




#1 n-Nonane (C9)

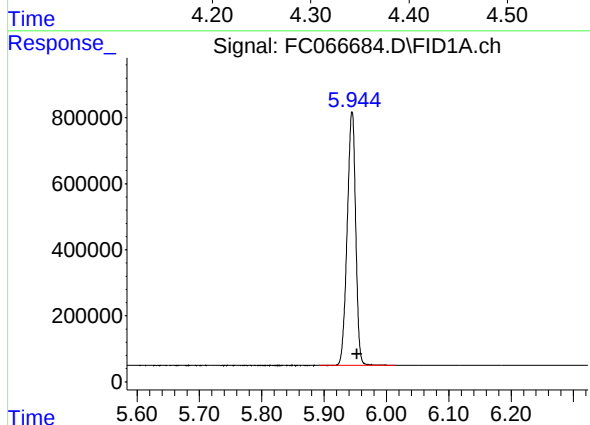
R.T.: 3.308 min
Delta R.T.: 0.009 min
Response: 5598320
Conc: 38.53 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



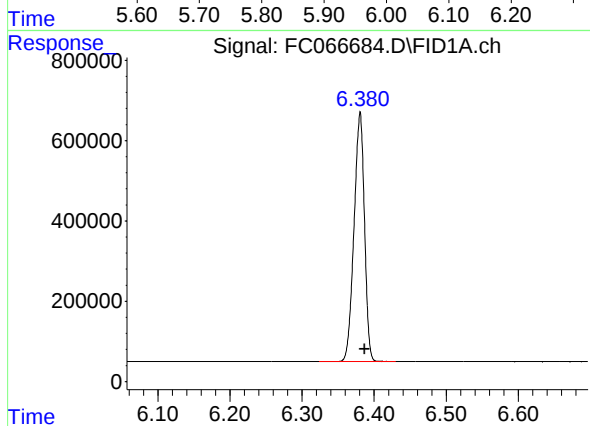
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.002 min
Response: 6129522
Conc: 41.09 ug/ml



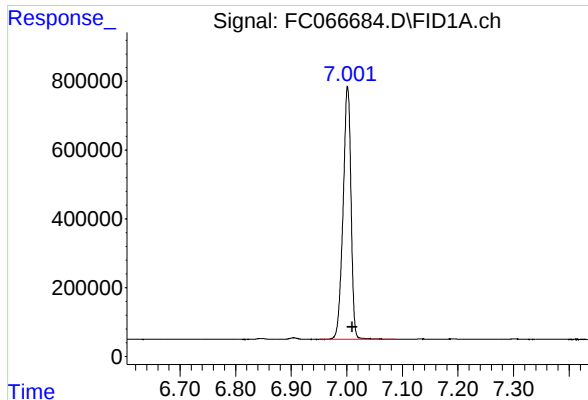
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.008 min
Response: 7283244
Conc: 44.86 ug/ml



#4 n-Dodecane (C12)

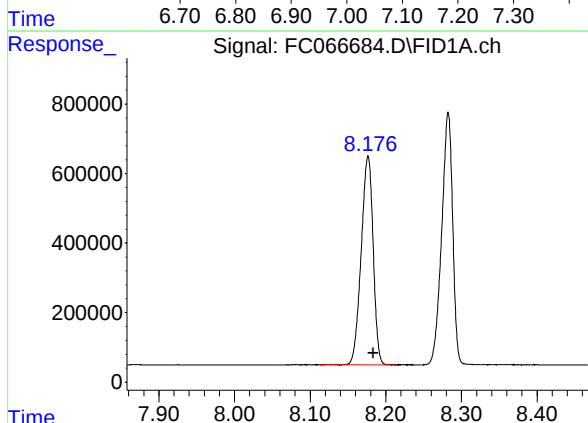
R.T.: 6.380 min
Delta R.T.: -0.006 min
Response: 6242313
Conc: 41.19 ug/ml



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

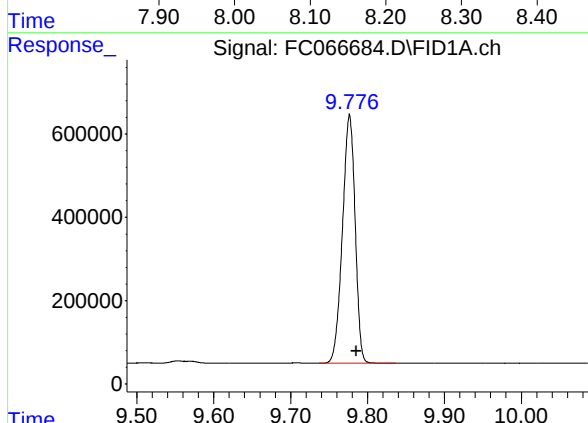
R.T.: 7.001 min
Delta R.T.: -0.009 min
Response: 7311651
Conc: 46.02 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



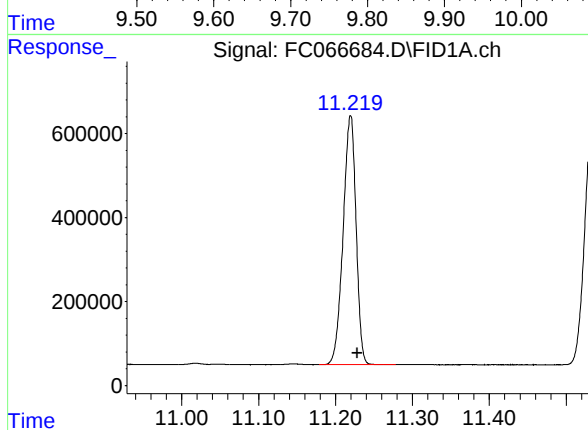
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.007 min
Response: 6593430
Conc: 43.47 ug/ml



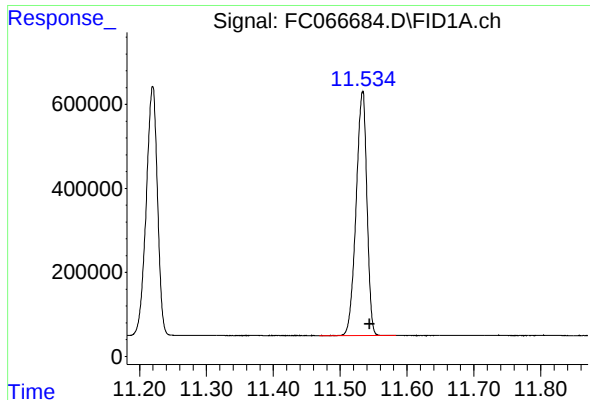
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.009 min
Response: 6821719
Conc: 42.59 ug/ml



#8 n-Octadecane (C18)

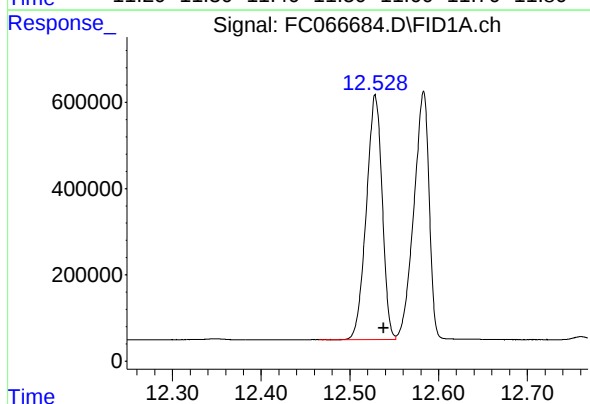
R.T.: 11.219 min
Delta R.T.: -0.009 min
Response: 6922382
Conc: 41.72 ug/ml



#9 ortho-Terphenyl (SURR)

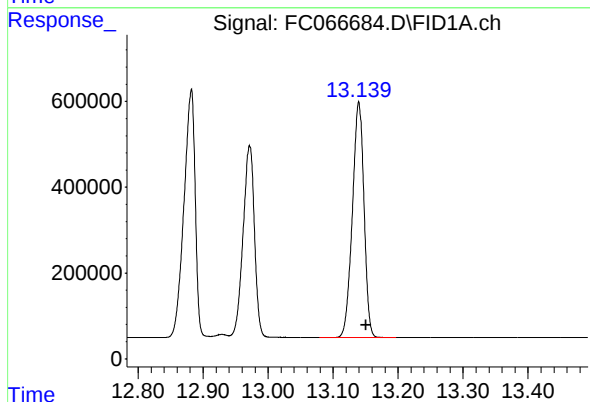
R.T.: 11.533 min
Delta R.T.: -0.011 min
Response: 6524946
Conc: 37.83 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



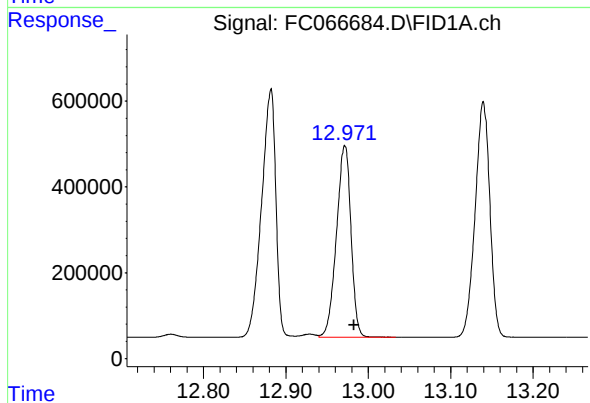
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: -0.010 min
Response: 7028178
Conc: 43.23 ug/ml



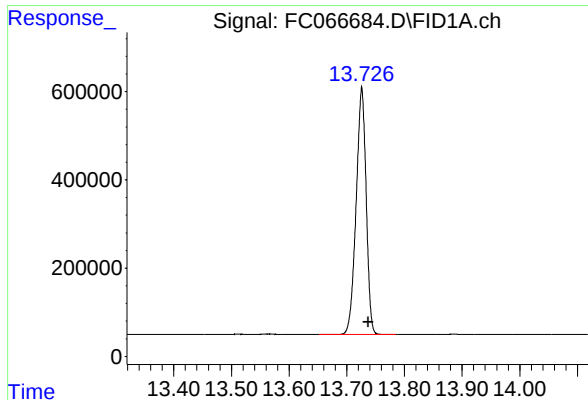
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: -0.011 min
Response: 6814927
Conc: 42.30 ug/ml



#12 1-chlorooctadecane (SURR)

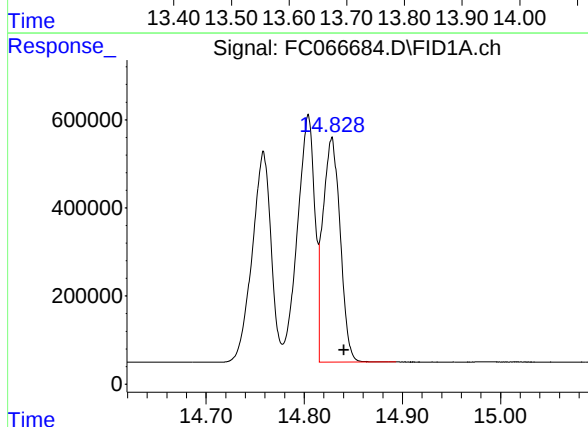
R.T.: 12.971 min
Delta R.T.: -0.011 min
Response: 5462015
Conc: 39.59 ug/ml



#13 n-Docosane (C22)

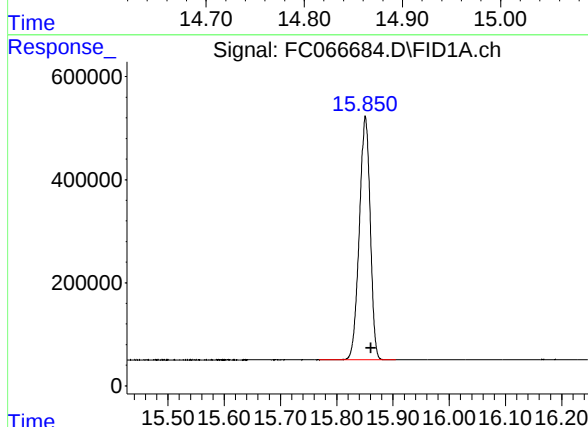
R.T.: 13.726 min
Delta R.T.: -0.012 min
Response: 6757945
Conc: 42.15 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



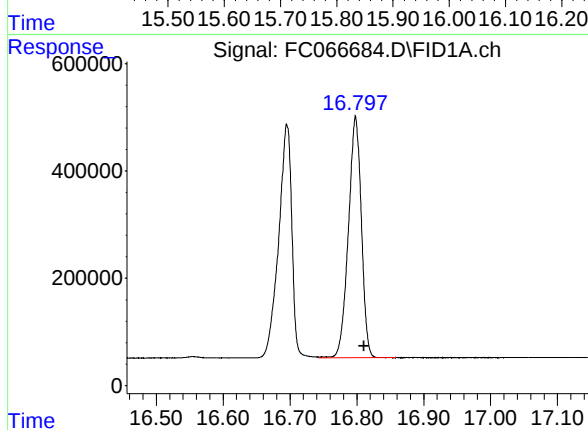
#14 n-Tetracosane (C24)

R.T.: 14.828 min
Delta R.T.: -0.012 min
Response: 6227578
Conc: 39.24 ug/ml



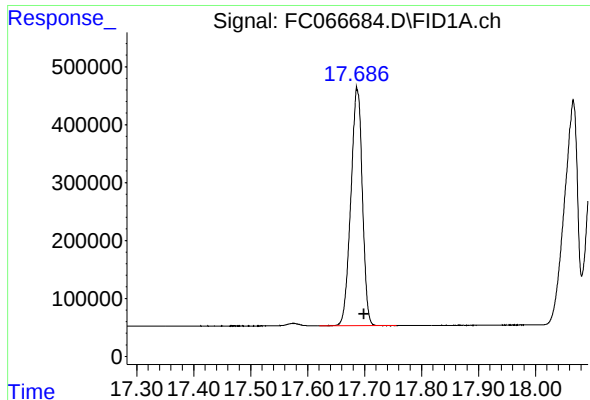
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: -0.010 min
Response: 6354596
Conc: 41.62 ug/ml



#16 n-Octacosane (C28)

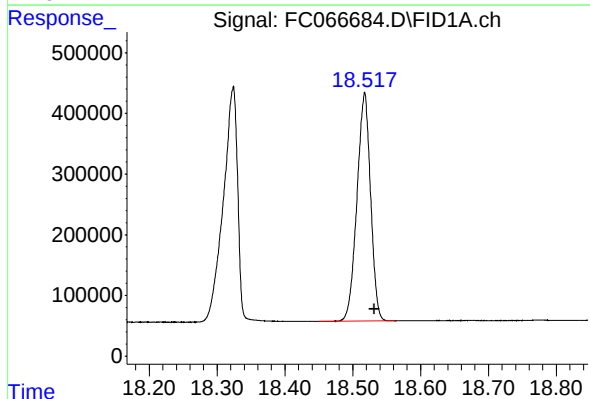
R.T.: 16.798 min
Delta R.T.: -0.012 min
Response: 6065485
Conc: 42.05 ug/ml



#17 n-Tricontane (C30)

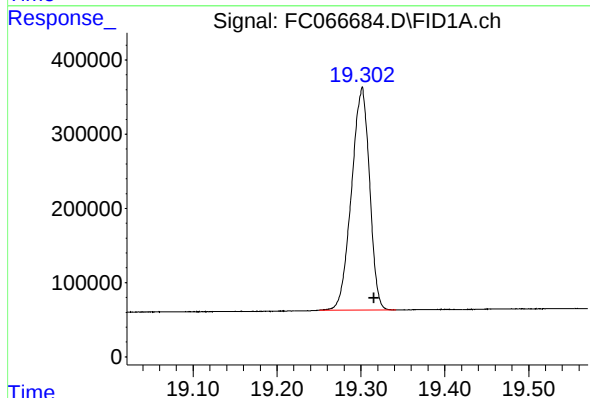
R.T.: 17.687 min
Delta R.T.: -0.012 min
Response: 5764165
Conc: 41.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



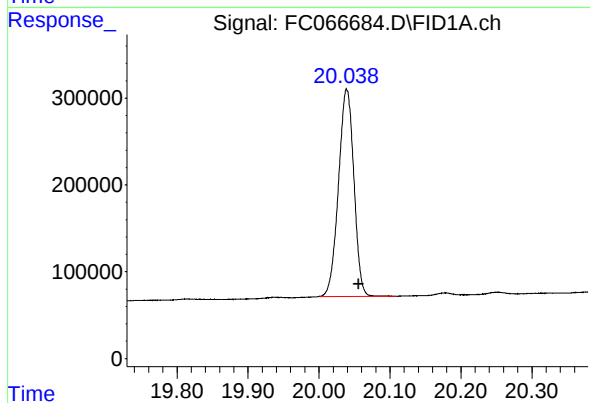
#18 n-Dotriacontane (C32)

R.T.: 18.517 min
Delta R.T.: -0.015 min
Response: 5239457
Conc: 39.70 ug/ml



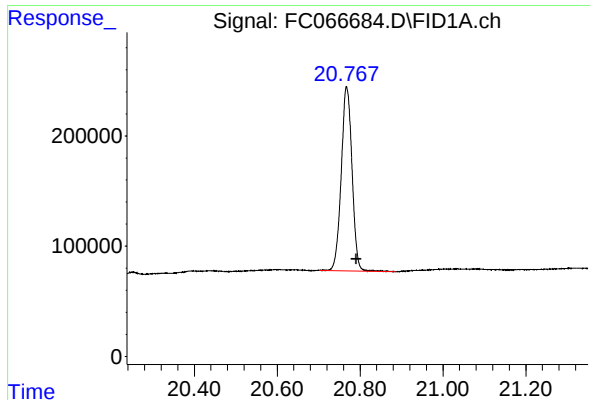
#19 n-Tetatriacontane (C34)

R.T.: 19.301 min
Delta R.T.: -0.015 min
Response: 4481002
Conc: 36.23 ug/ml



#20 n-Hexatriacontane (C36)

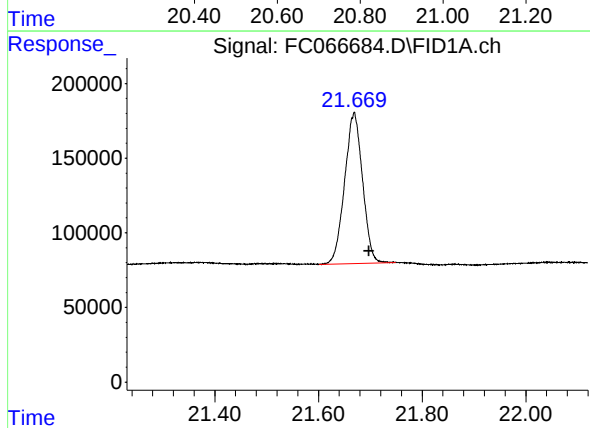
R.T.: 20.039 min
Delta R.T.: -0.017 min
Response: 3598877
Conc: 29.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.768 min
Delta R.T.: -0.023 min
Response: 3017188
Conc: 26.39 ug/ml

Instrument :
FID_C
ClientSampleId :
PB161827BS



#22 n-Tetracontane (C40)

R.T.: 21.668 min
Delta R.T.: -0.029 min
Response: 2423329
Conc: 21.58 ug/ml