

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070124AL\
 Data File : FC066709.D
 Signal(s) : FID1A.ch
 Acq On : 01 Jul 2024 19:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 02 03:13:12 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)	11.528	3003099	17.411 ug/ml
Spiked Amount 50.000		Recovery =	34.82%
12) S 1-chlorooctadecane (S...	12.967	2287762	16.580 ug/ml
Spiked Amount 50.000		Recovery =	33.16%
Target Compounds			
1) T n-Nonane (C9)	3.290	2419398	16.652 ug/ml
2) T n-Decane (C10)	4.357	2607373	17.480 ug/ml
3) T A~Naphthalene (C11.7)	5.940	2865952	17.652 ug/ml
4) T n-Dodecane (C12)	6.376	2649647	17.483 ug/ml
5) T A~2-methylnaphthalene...	6.997	2801621	17.635 ug/ml
6) T n-Tetradecane (C14)	8.172	2663775	17.561 ug/ml
7) T n-Hexadecane (C16)	9.772	2822940	17.623 ug/ml
8) T n-Octadecane (C18)	11.214	2852499	17.191 ug/ml
10) T n-Eicosane (C20)	12.524	2736247	16.832 ug/ml
11) T n-Heneicosane (C21)	13.136	2672547	16.587 ug/ml
13) T n-Docosane (C22)	13.722	2671182	16.661 ug/ml
14) T n-Tetracosane (C24)	14.825	2695511	16.984 ug/ml
15) T n-Hexacosane (C26)	15.845	2641360	17.298 ug/ml
16) T n-Octacosane (C28)	16.794	2703426	18.742 ug/ml
17) T n-Tricontane (C30)	17.682	2926713	20.948 ug/ml
18) T n-Dotriacontane (C32)	18.514	2897043	21.952 ug/ml
19) T n-Tetratriacontane (C34)	19.299	2592367	20.961 ug/ml
20) T n-Hexatriacontane (C36)	20.037	2275727	18.883 ug/ml
21) T n-Octatriacontane (C38)	20.766	2166312	18.945 ug/ml
22) T n-Tetracontane (C40)	21.665	1997533	17.786 ug/ml

(f)=RT Delta > 1/2 Window

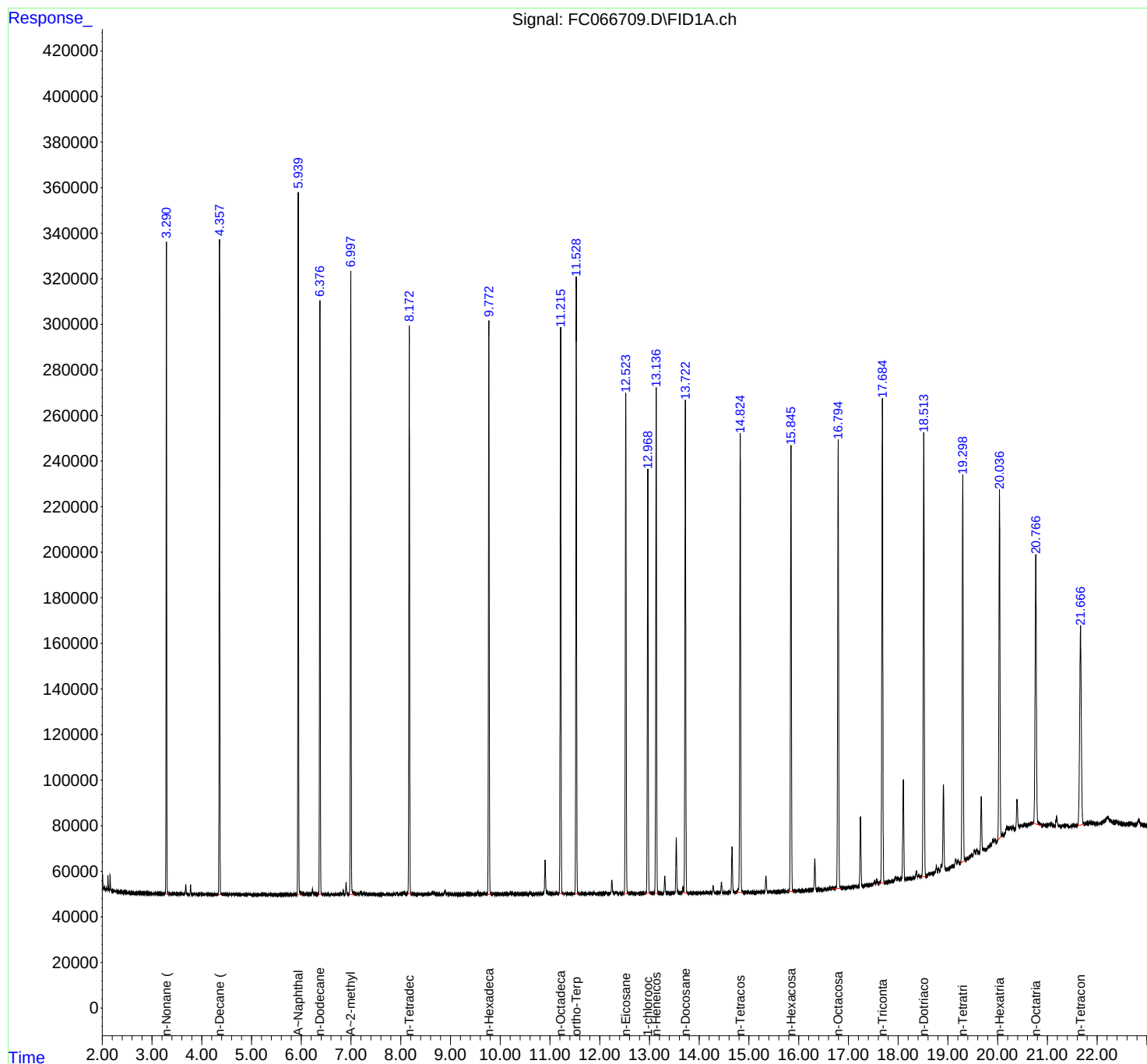
(m)=manual int.

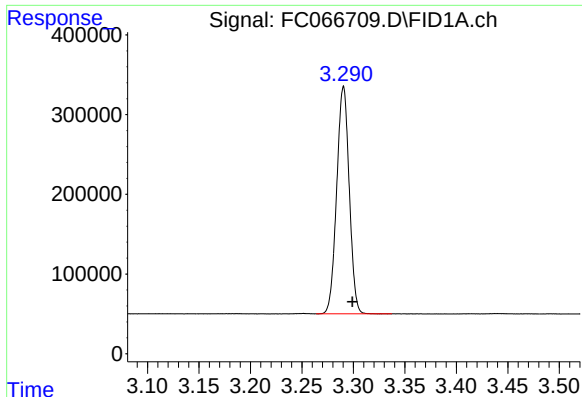
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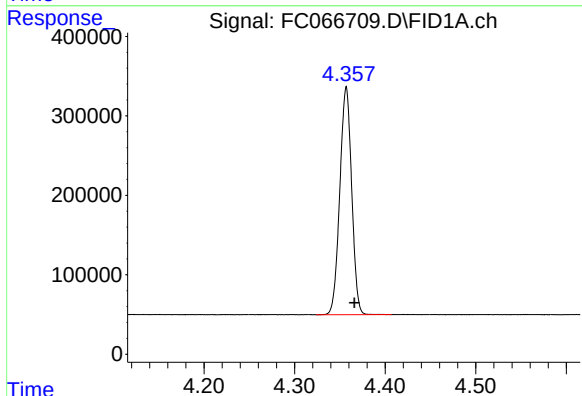




#1 n-Nonane (C9)

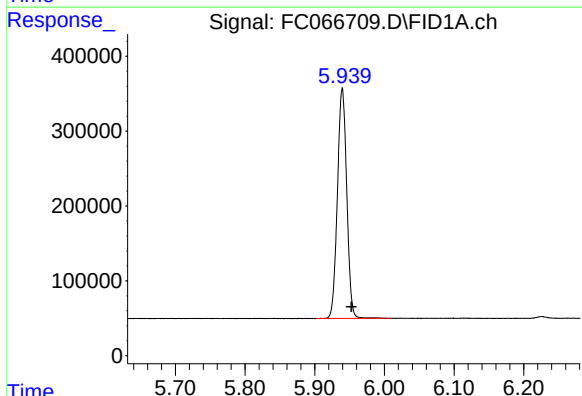
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 2419398
Conc: 16.65 ug/ml

Instrument :
FID_C
ClientSampleId :



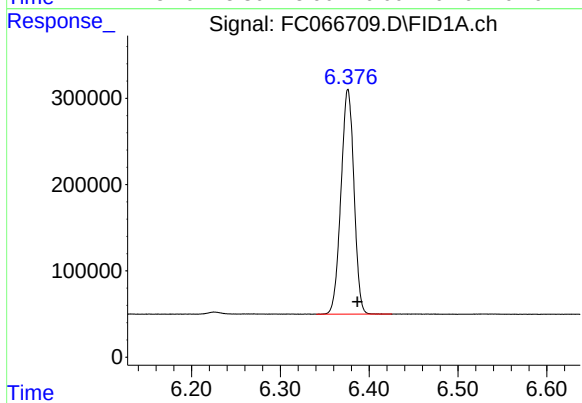
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: -0.009 min
Response: 2607373
Conc: 17.48 ug/ml



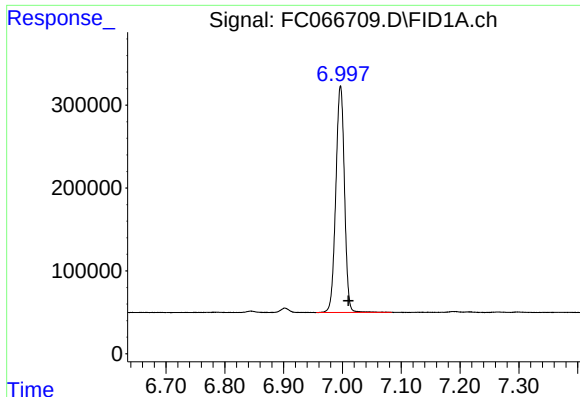
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.013 min
Response: 2865952
Conc: 17.65 ug/ml



#4 n-Dodecane (C12)

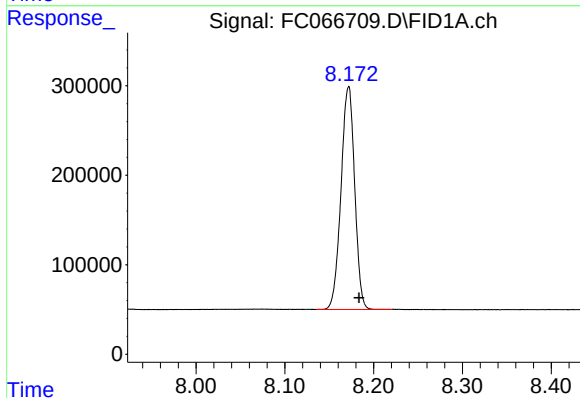
R.T.: 6.376 min
Delta R.T.: -0.011 min
Response: 2649647
Conc: 17.48 ug/ml



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

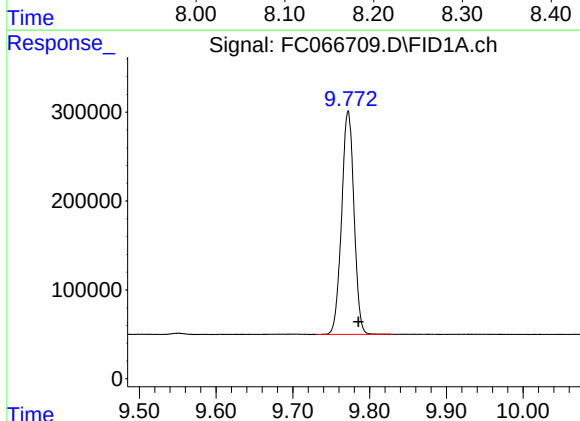
R.T.: 6.997 min
Delta R.T.: -0.013 min
Response: 2801621
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :



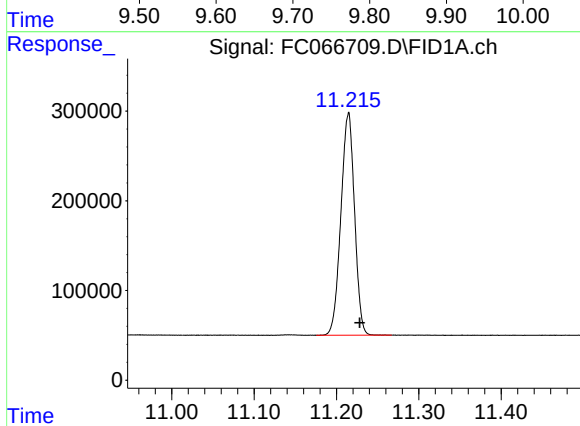
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.012 min
Response: 2663775
Conc: 17.56 ug/ml



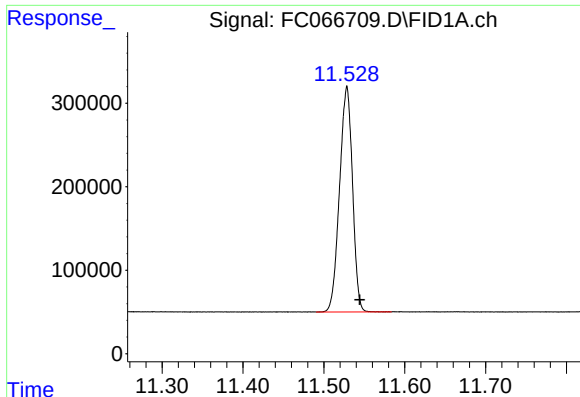
#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.013 min
Response: 2822940
Conc: 17.62 ug/ml



#8 n-Octadecane (C18)

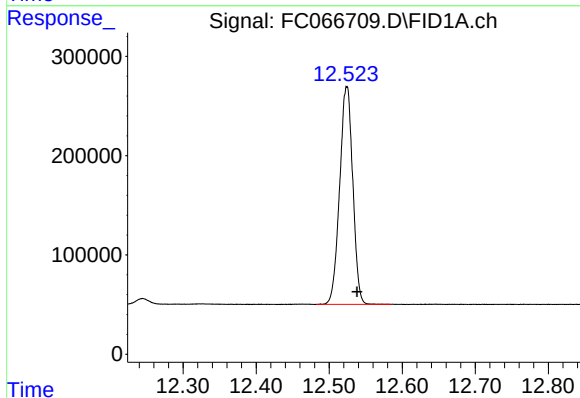
R.T.: 11.214 min
Delta R.T.: -0.014 min
Response: 2852499
Conc: 17.19 ug/ml



#9 ortho-Terphenyl (SURR)

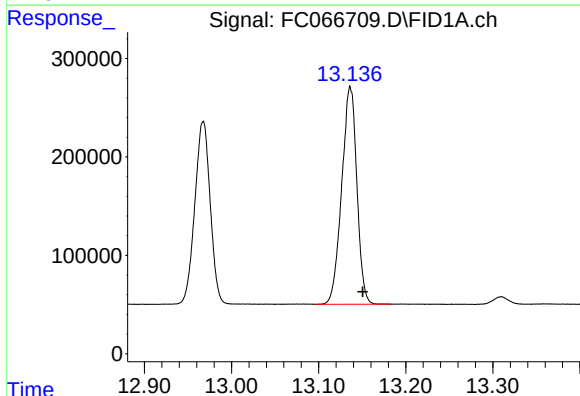
R.T.: 11.528 min
Delta R.T.: -0.016 min
Response: 3003099
Conc: 17.41 ug/ml

Instrument :
FID_C
ClientSampleId :



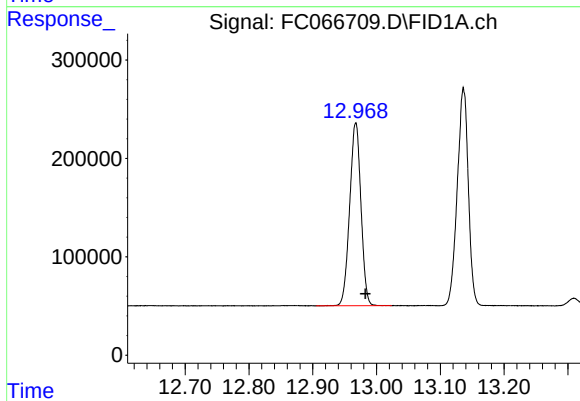
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.014 min
Response: 2736247
Conc: 16.83 ug/ml



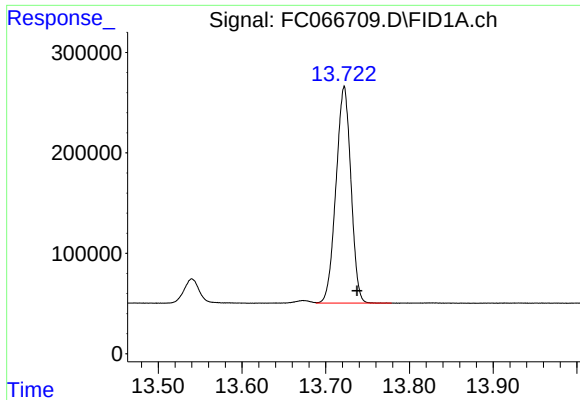
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.014 min
Response: 2672547
Conc: 16.59 ug/ml



#12 1-chlorooctadecane (SURR)

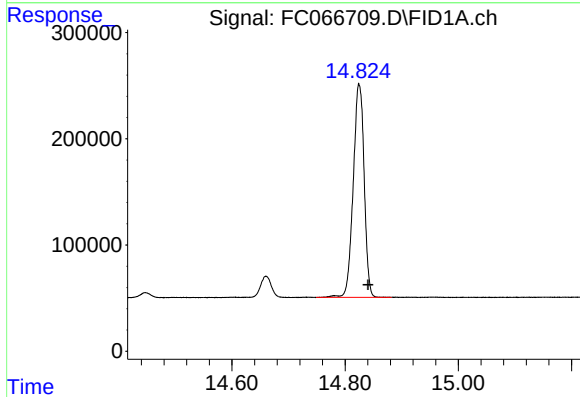
R.T.: 12.967 min
Delta R.T.: -0.015 min
Response: 2287762
Conc: 16.58 ug/ml



#13 n-Docosane (C22)

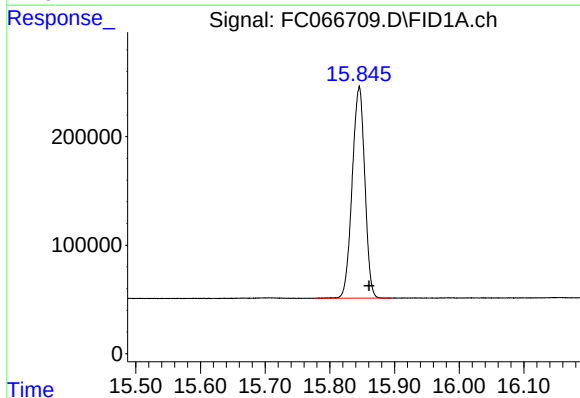
R.T.: 13.722 min
Delta R.T.: -0.016 min
Response: 2671182
Conc: 16.66 ug/ml

Instrument :
FID_C
ClientSampleId :



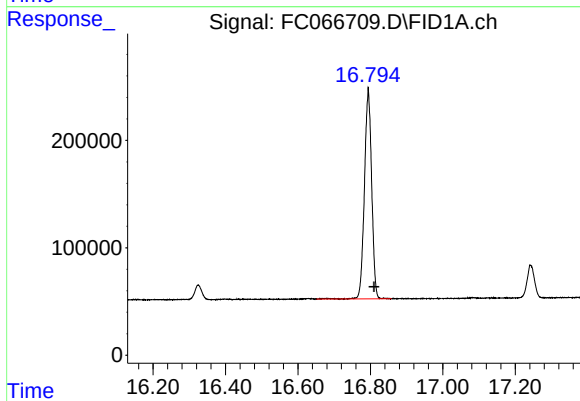
#14 n-Tetracosane (C24)

R.T.: 14.825 min
Delta R.T.: -0.016 min
Response: 2695511
Conc: 16.98 ug/ml



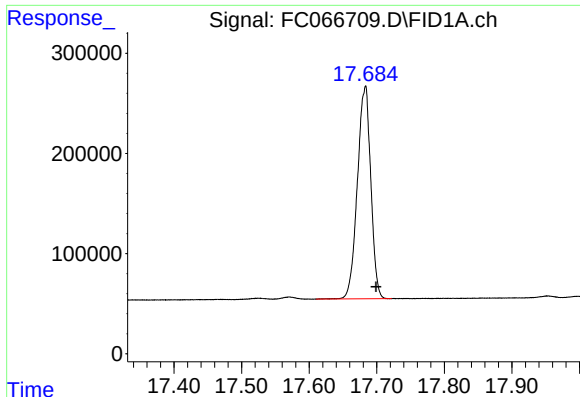
#15 n-Hexacosane (C26)

R.T.: 15.845 min
Delta R.T.: -0.015 min
Response: 2641360
Conc: 17.30 ug/ml



#16 n-Octacosane (C28)

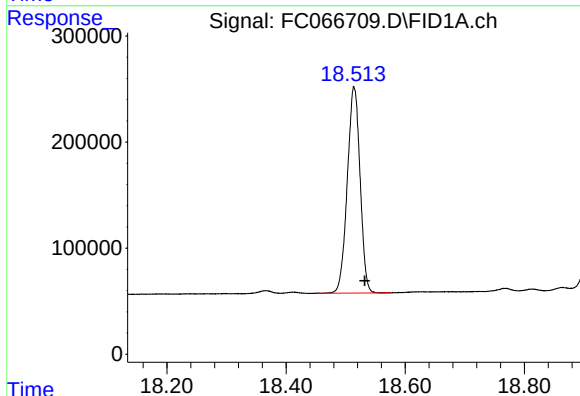
R.T.: 16.794 min
Delta R.T.: -0.016 min
Response: 2703426
Conc: 18.74 ug/ml



#17 n-Tricontane (C30)

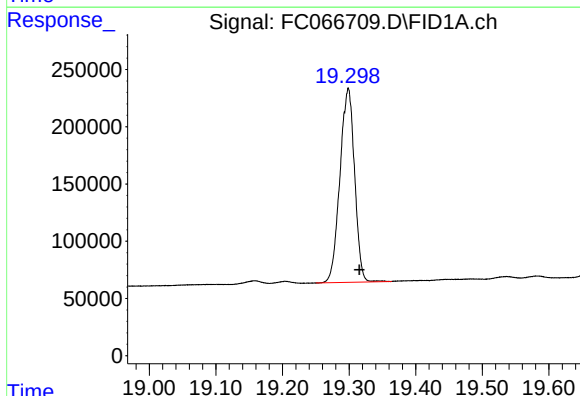
R.T.: 17.682 min
Delta R.T.: -0.017 min
Response: 2926713
Conc: 20.95 ug/ml

Instrument :
FID_C
ClientSampleId :



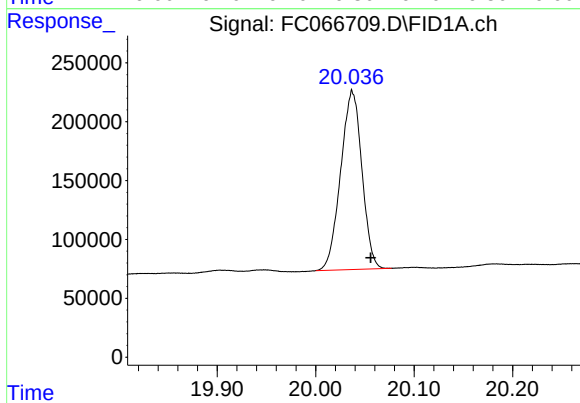
#18 n-Dotriacontane (C32)

R.T.: 18.514 min
Delta R.T.: -0.018 min
Response: 2897043
Conc: 21.95 ug/ml



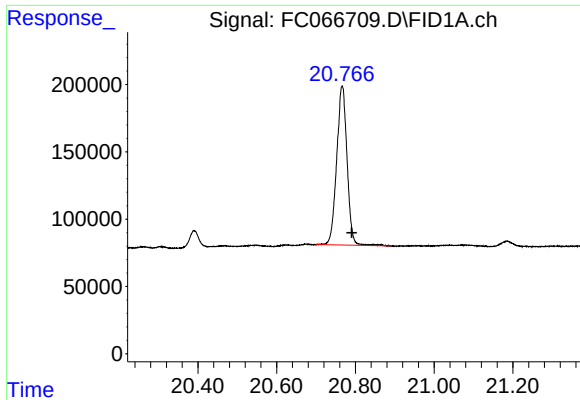
#19 n-Tetratriacontane (C34)

R.T.: 19.299 min
Delta R.T.: -0.017 min
Response: 2592367
Conc: 20.96 ug/ml



#20 n-Hexatriacontane (C36)

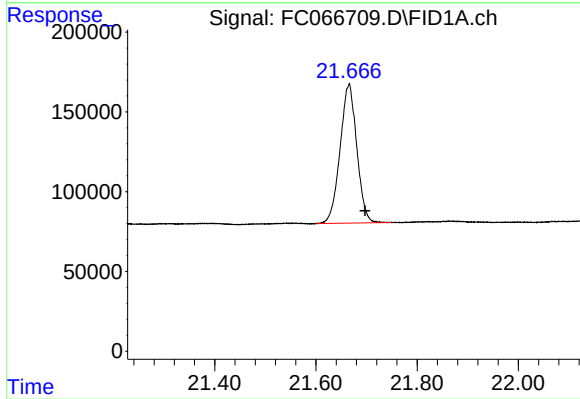
R.T.: 20.037 min
Delta R.T.: -0.019 min
Response: 2275727
Conc: 18.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.766 min
Delta R.T.: -0.025 min
Response: 2166312
Conc: 18.94 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.665 min
Delta R.T.: -0.032 min
Response: 1997533
Conc: 17.79 ug/ml