

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123124AL\
 Data File : FC068084.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 11:37
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 12:18:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 12:18:00 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)	11.432	792376	5.152 ug/ml
Spiked Amount 50.000		Recovery =	10.30%
12) S 1-chlorooctadecane (S...	12.874	577492	5.088 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T n-Nonane (C9)	3.237	707492	5.158 ug/ml
2) T n-Decane (C10)	4.295	704369	5.096 ug/ml
3) T A~Naphthalene (C11.7)	5.866	750724	4.992 ug/ml
4) T n-Dodecane (C12)	6.304	706067	5.106 ug/ml
5) T A~2-methylnaphthalene...	6.918	710602	4.923 ug/ml
6) T n-Tetradecane (C14)	8.093	688895	5.098 ug/ml
7) T n-Hexadecane (C16)	9.689	696468	5.075 ug/ml
8) T n-Octadecane (C18)	11.127	705006	5.122 ug/ml
10) T n-Eicosane (C20)	12.432	674856	5.144 ug/ml
11) T n-Heneicosane (C21)	13.043	662296	5.153 ug/ml
13) T n-Docosane (C22)	13.628	652032	5.141 ug/ml
14) T n-Tetracosane (C24)	14.727	640333	5.129 ug/ml
15) T n-Hexacosane (C26)	15.746	628119	5.155 ug/ml
16) T n-Octacosane (C28)	16.694	621060	5.226 ug/ml
17) T n-Tricontane (C30)	17.580	633252	5.306 ug/ml
18) T n-Dotriacontane (C32)	18.411	606007	5.326 ug/ml
19) T n-Tetratriacontane (C34)	19.193	519476	5.219 ug/ml
20) T n-Hexatriacontane (C36)	19.931	452029	5.201 ug/ml
21) T n-Octatriacontane (C38)	20.645	429289	5.196 ug/ml
22) T n-Tetracontane (C40)	21.507	408289	5.075 ug/ml

(f)=RT Delta > 1/2 Window

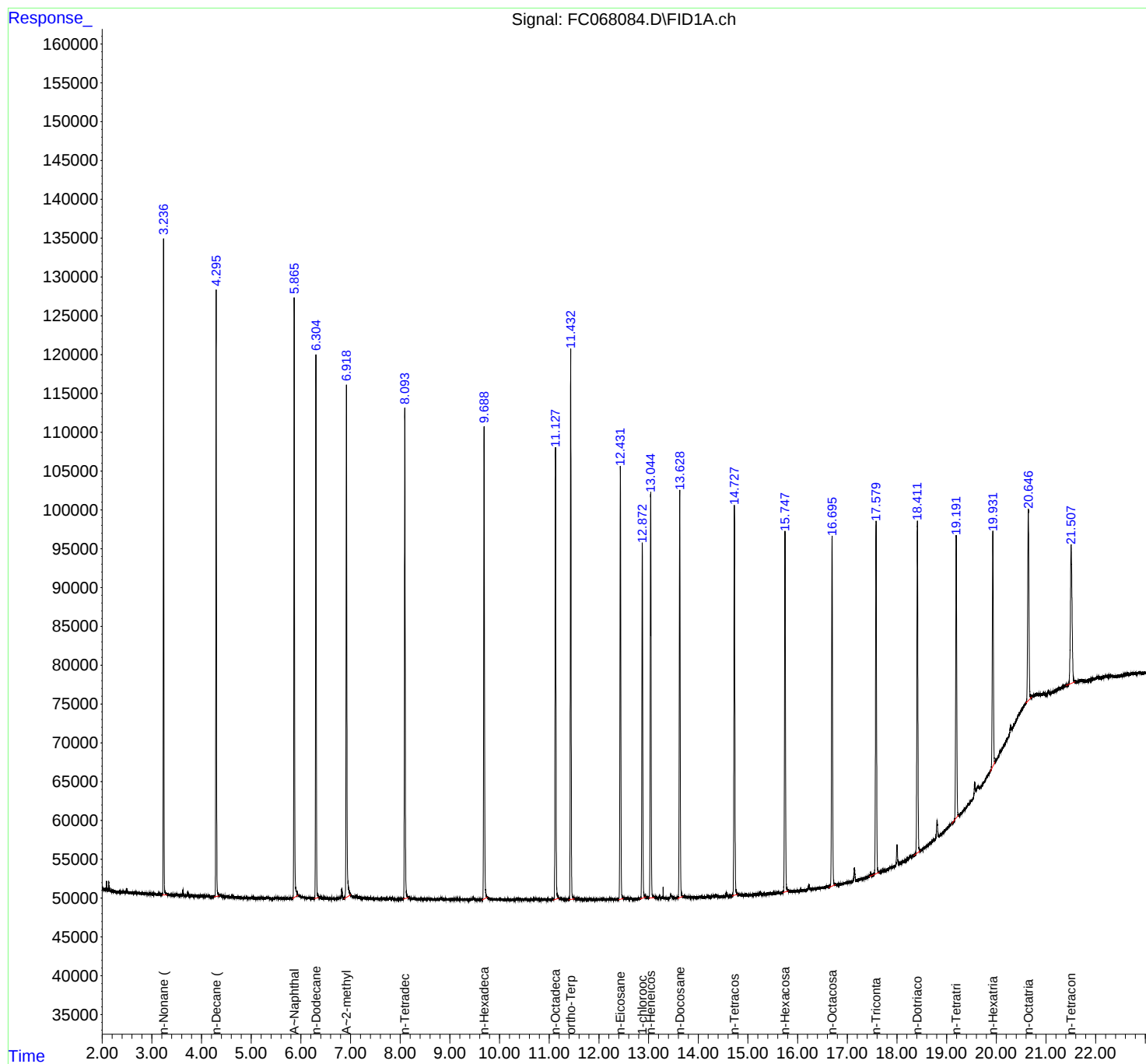
(m)=manual int.

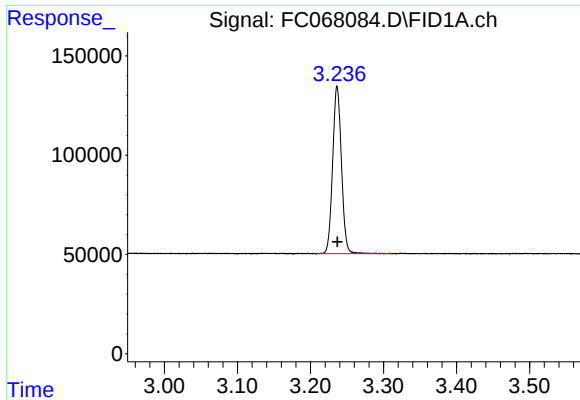
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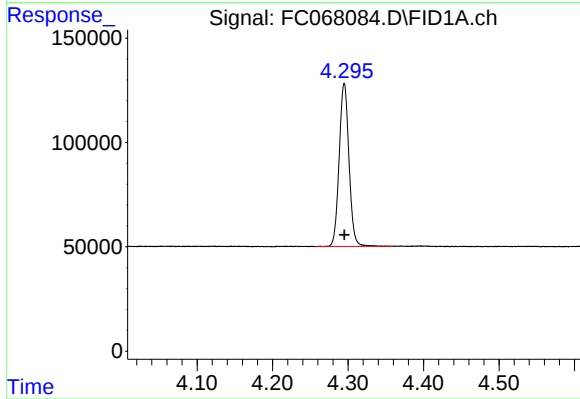




#1 n-Nonane (C9)

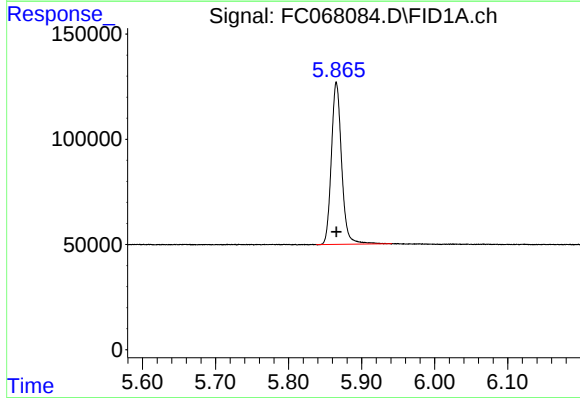
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 707492
Conc: 5.16 ug/ml

Instrument :
FID_C
ClientSampleId :



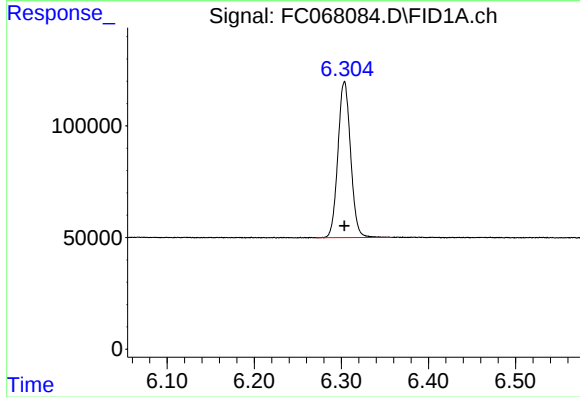
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 704369
Conc: 5.10 ug/ml



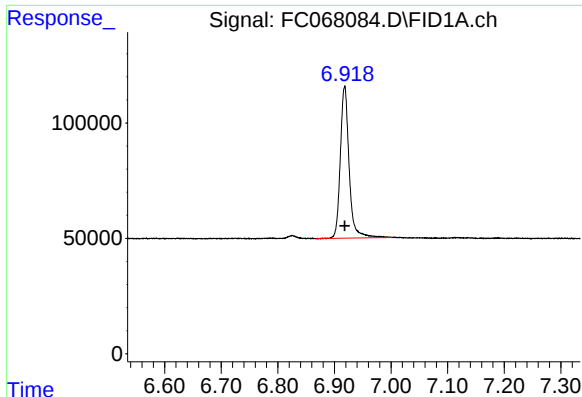
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 750724
Conc: 4.99 ug/ml



#4 n-Dodecane (C12)

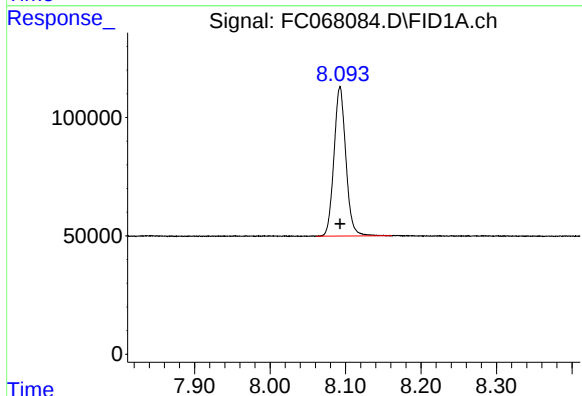
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 706067
Conc: 5.11 ug/ml



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

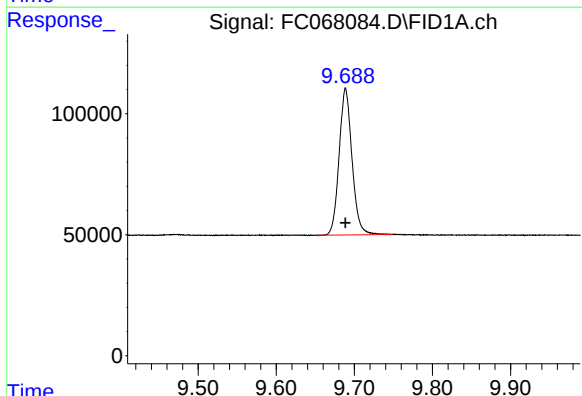
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 710602
Conc: 4.92 ug/ml

Instrument :
FID_C
ClientSampleId :



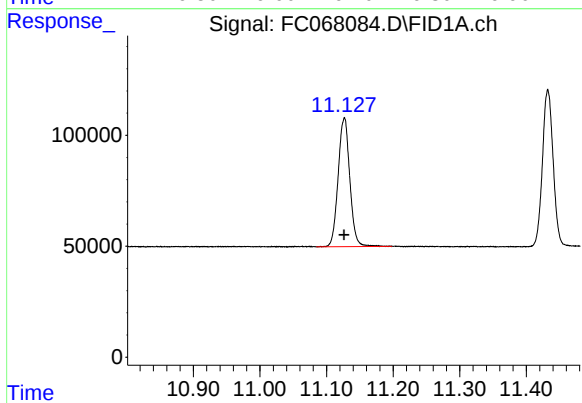
#6 n-Tetradecane (C14)

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 688895
Conc: 5.10 ug/ml



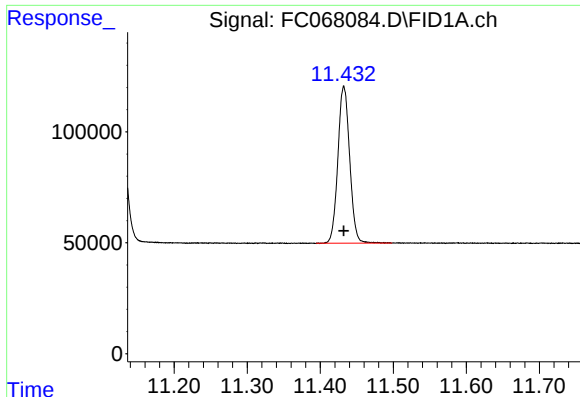
#7 n-Hexadecane (C16)

R.T.: 9.689 min
Delta R.T.: 0.000 min
Response: 696468
Conc: 5.07 ug/ml



#8 n-Octadecane (C18)

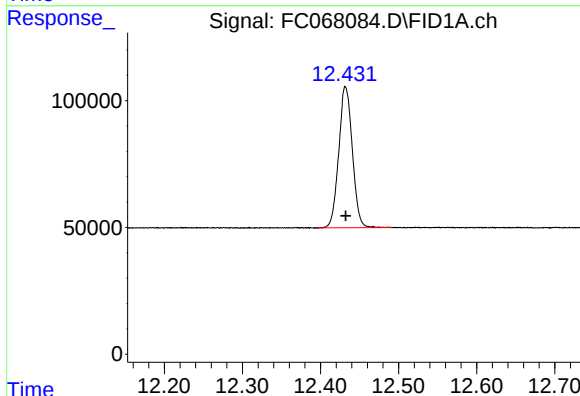
R.T.: 11.127 min
Delta R.T.: 0.000 min
Response: 705006
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

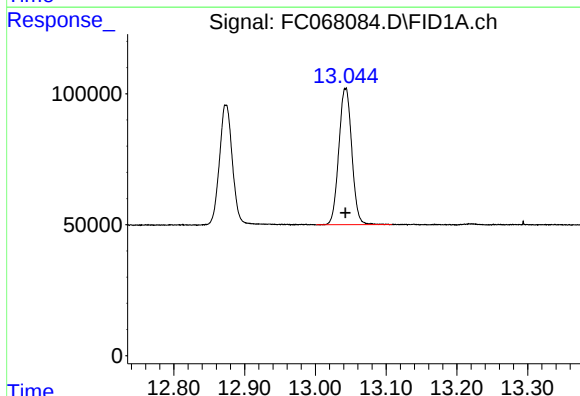
R.T.: 11.432 min
Delta R.T.: 0.000 min
Response: 792376
Conc: 5.15 ug/ml

Instrument :
FID_C
ClientSampleId :



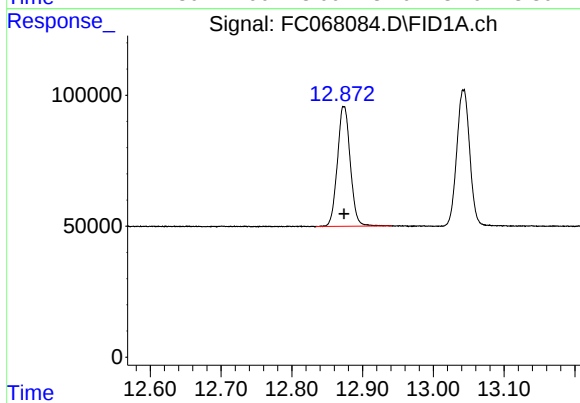
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: 0.000 min
Response: 674856
Conc: 5.14 ug/ml



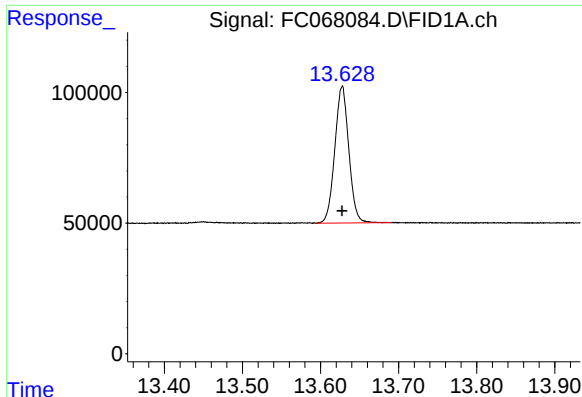
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 662296
Conc: 5.15 ug/ml



#12 1-chlorooctadecane (SURR)

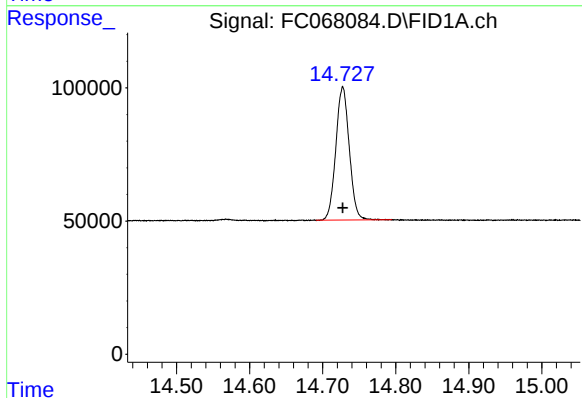
R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 577492
Conc: 5.09 ug/ml



#13 n-Docosane (C22)

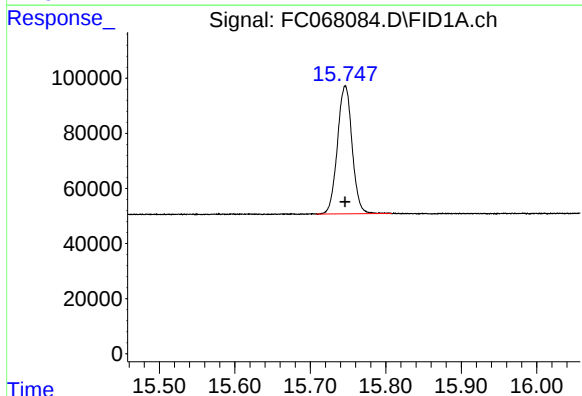
R.T.: 13.628 min
Delta R.T.: 0.000 min
Response: 652032
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :



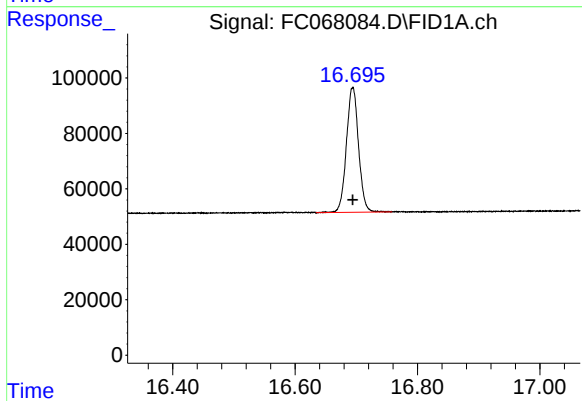
#14 n-Tetracosane (C24)

R.T.: 14.727 min
Delta R.T.: 0.000 min
Response: 640333
Conc: 5.13 ug/ml



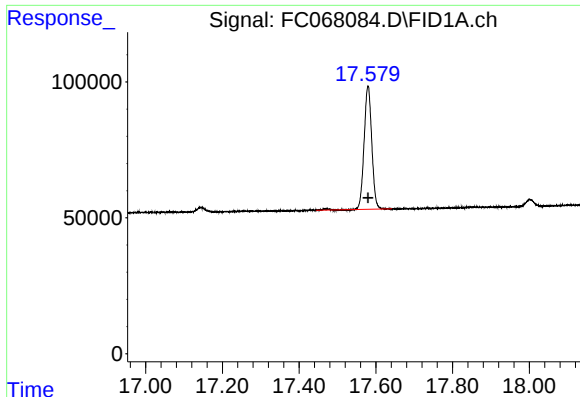
#15 n-Hexacosane (C26)

R.T.: 15.746 min
Delta R.T.: 0.000 min
Response: 628119
Conc: 5.16 ug/ml



#16 n-Octacosane (C28)

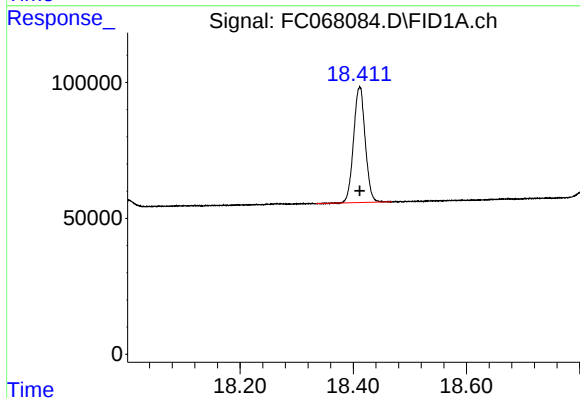
R.T.: 16.694 min
Delta R.T.: 0.000 min
Response: 621060
Conc: 5.23 ug/ml



#17 n-Tricontane (C30)

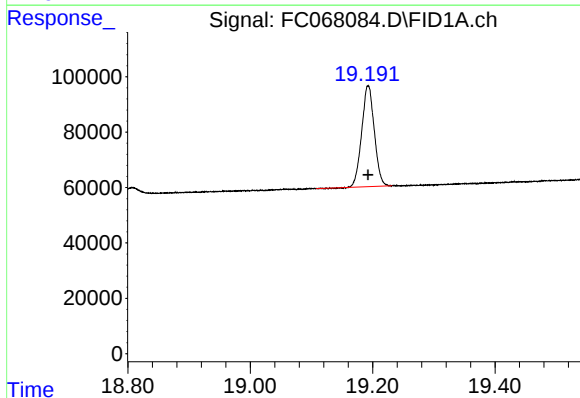
R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 633252
Conc: 5.31 ug/ml

Instrument :
FID_C
ClientSampleId :



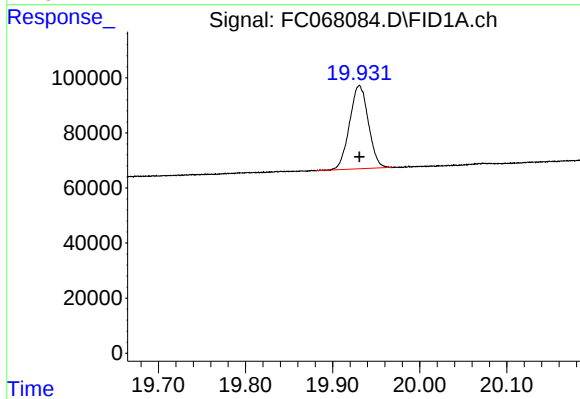
#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 606007
Conc: 5.33 ug/ml



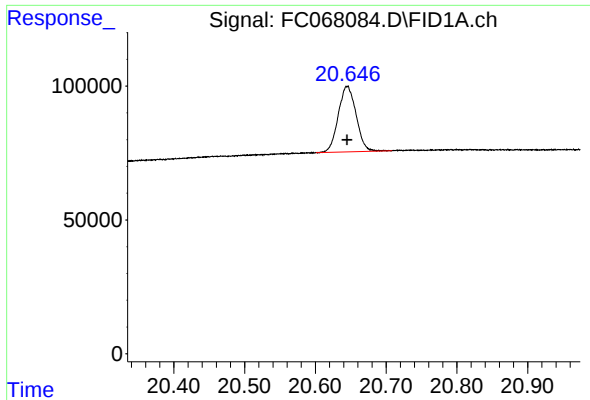
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 519476
Conc: 5.22 ug/ml



#20 n-Hexatriacontane (C36)

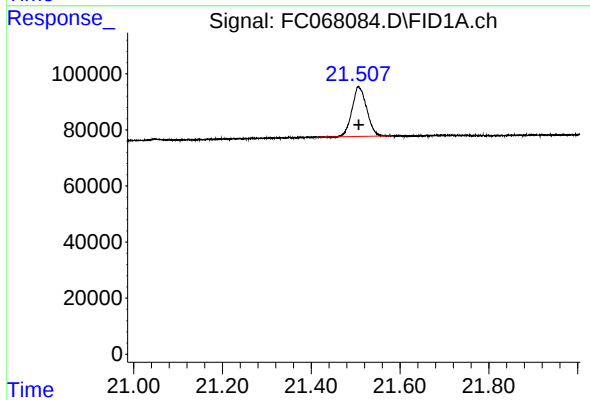
R.T.: 19.931 min
Delta R.T.: 0.000 min
Response: 452029
Conc: 5.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.645 min
Delta R.T.: 0.000 min
Response: 429289
Conc: 5.20 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: 0.000 min
Response: 408289
Conc: 5.08 ug/ml