

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042525AL\
 Data File : FC068695.D
 Signal(s) : FID1A.ch
 Acq On : 25 Apr 2025 16:36
 Operator : YP/AJ
 Sample : Q1867-03MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ211MSD

Integration File: autoint1.e
 Quant Time: Apr 26 00:16:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 2025
 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)	11.722	4376245	34.367 ug/ml
Spiked Amount 50.000		Recovery =	68.73%
12) S 1-chlorooctadecane (S...	13.155	3410265	36.711 ug/ml
Spiked Amount 50.000		Recovery =	73.42%
Target Compounds			
1) T n-Nonane (C9)	3.448	3045212	28.913 ug/ml
2) T n-Decane (C10)	4.525	3374842	32.032 ug/ml
3) T A~Naphthalene (C11.7)	6.122	3945146	33.875 ug/ml
4) T n-Dodecane (C12)	6.550	3533696	33.602 ug/ml
5) T A~2-methylnaphthalene...	7.181	3687863	31.930 ug/ml
6) T n-Tetradecane (C14)	8.350	3731730	36.299 ug/ml
7) T n-Hexadecane (C16)	9.953	3962587	38.910 ug/ml
8) T n-Octadecane (C18)	11.397	4083187	40.575 ug/ml
10) T n-Eicosane (C20)	12.709	4206558	42.767 ug/ml
11) T n-Heneicosane (C21)	13.322	4007754	41.123 ug/ml
13) T n-Docosane (C22)	13.909	3988357	41.289 ug/ml
14) T n-Tetracosane (C24)	15.007	7996302	84.009 ug/ml
15) T n-Hexacosane (C26)	16.038	3864712	41.376 ug/ml
16) T n-Octacosane (C28)	16.988	3802604	41.532 ug/ml
17) T n-Tricontane (C30)	17.879	3784710	41.169 ug/ml
18) T n-Dotriacontane (C32)	18.712	3721605	40.572 ug/ml
19) T n-Tetratriacontane (C34)	19.497	3690218	41.306 ug/ml
20) T n-Hexatriacontane (C36)	20.239	3518384	39.277 ug/ml
21) T n-Octatriacontane (C38)	21.018	3442058	38.932 ug/ml
22) T n-Tetracontane (C40)	22.002	3419182	38.720 ug/ml

(f)=RT Delta > 1/2 Window

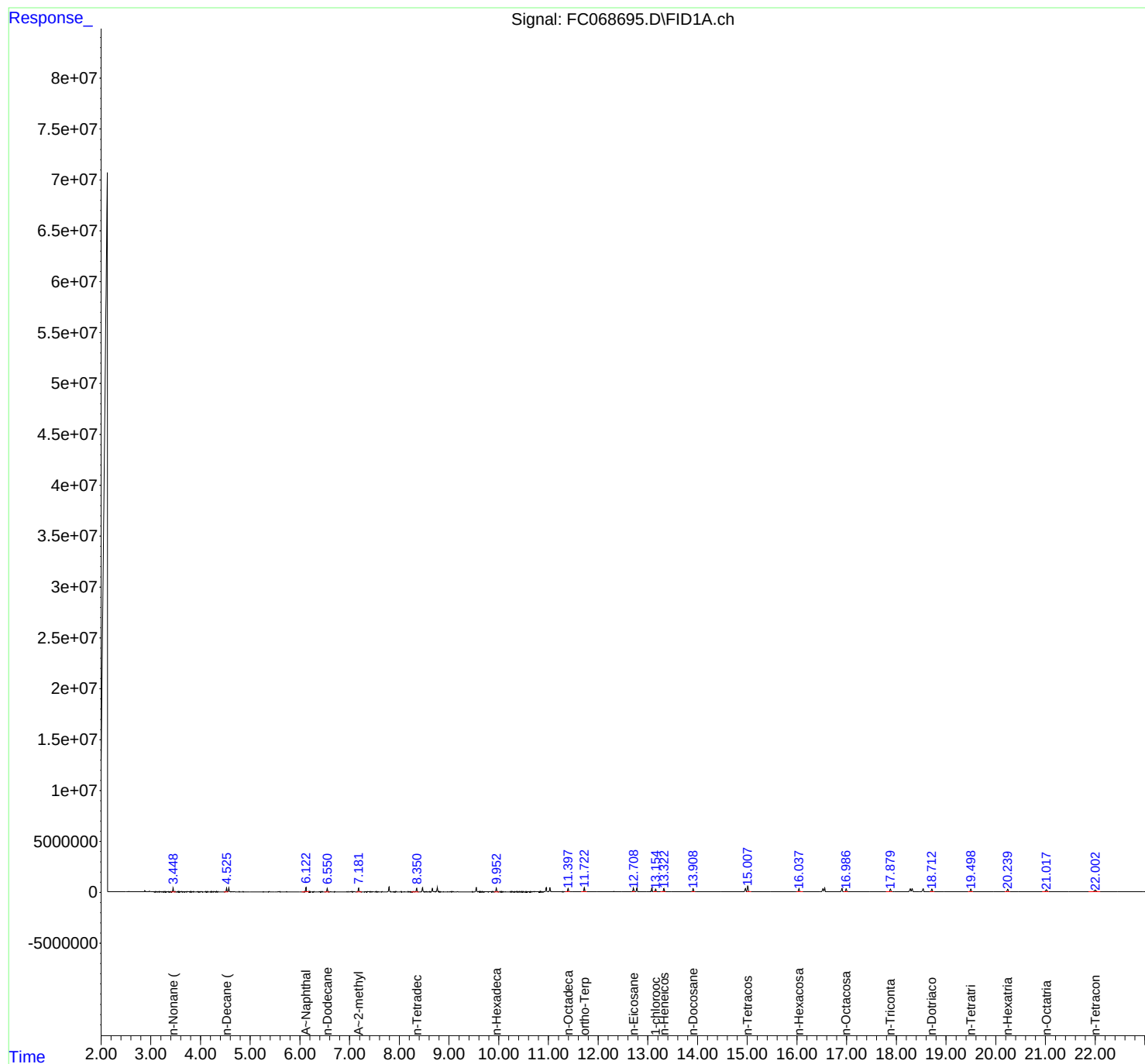
(m)=manual int.

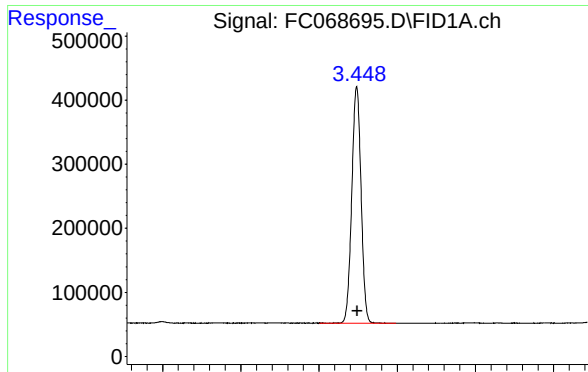
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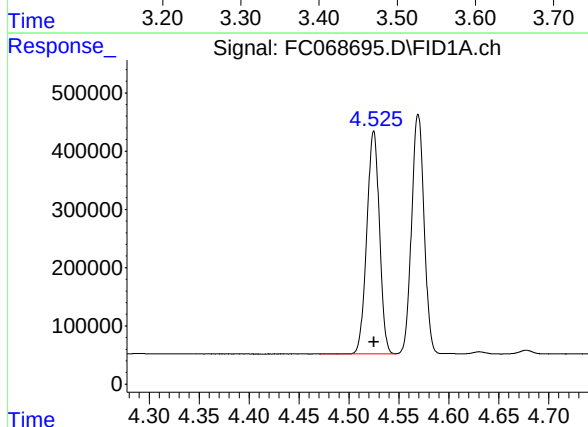




#1 n-Nonane (C9)

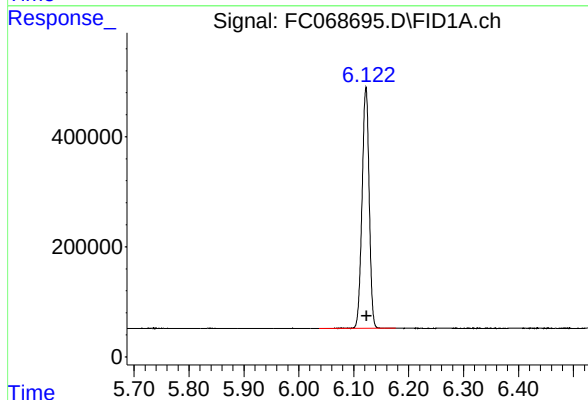
R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 3045212
Conc: 28.91 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



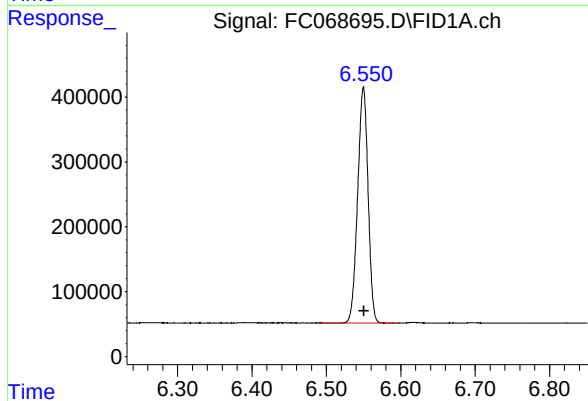
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 3374842
Conc: 32.03 ug/ml



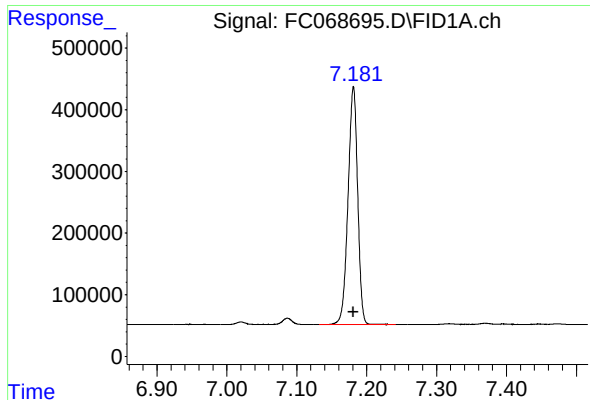
#3 A~Naphthalene (C11.7)

R.T.: 6.122 min
Delta R.T.: -0.001 min
Response: 3945146
Conc: 33.88 ug/ml



#4 n-Dodecane (C12)

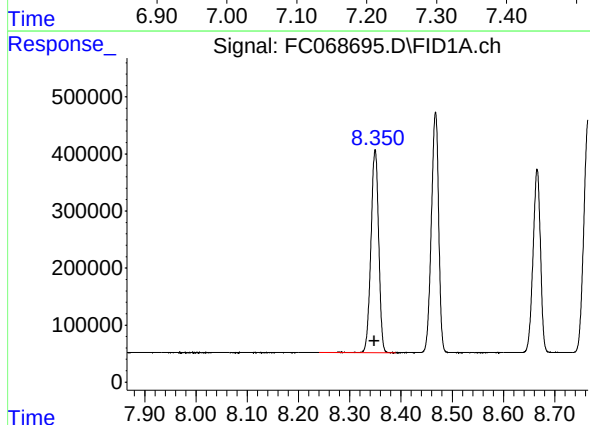
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 3533696
Conc: 33.60 ug/ml



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

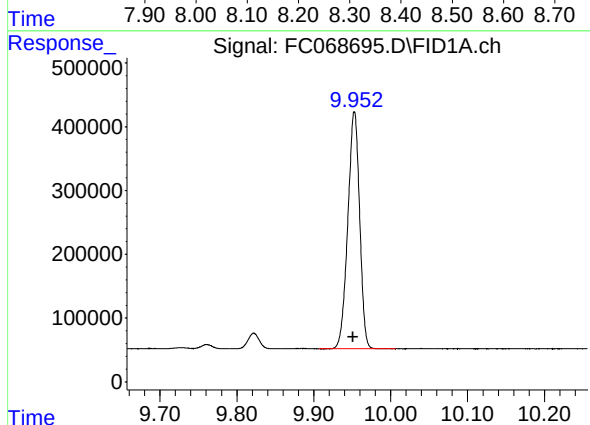
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 3687863
Conc: 31.93 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



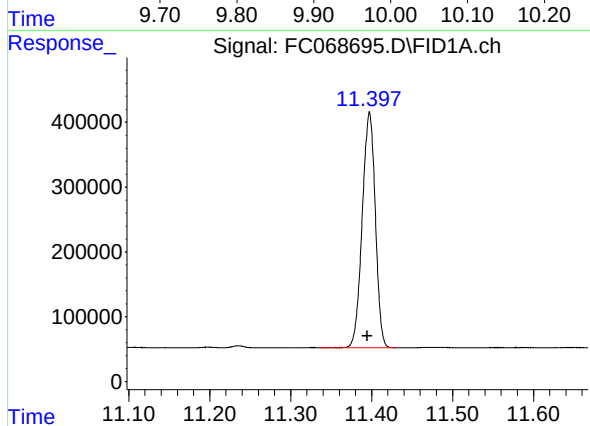
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.001 min
Response: 3731730
Conc: 36.30 ug/ml



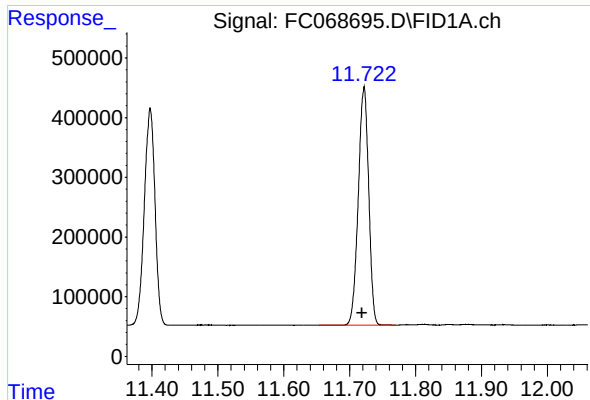
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.002 min
Response: 3962587
Conc: 38.91 ug/ml



#8 n-Octadecane (C18)

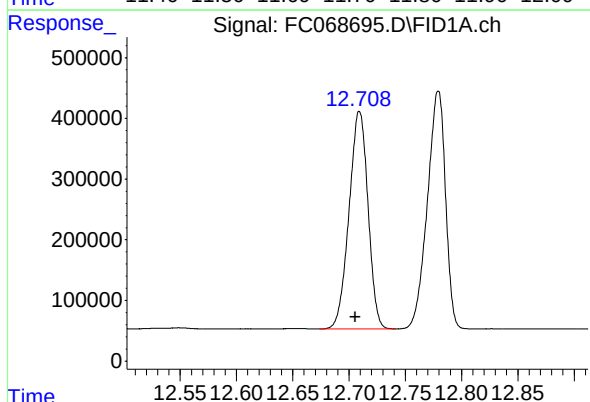
R.T.: 11.397 min
Delta R.T.: 0.002 min
Response: 4083187
Conc: 40.58 ug/ml



#9 ortho-Terphenyl (SURR)

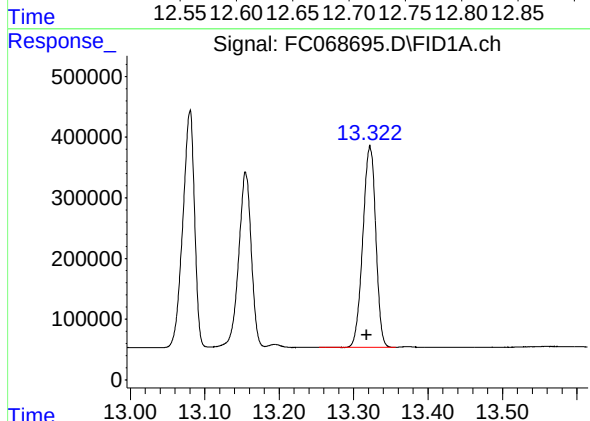
R.T.: 11.722 min
Delta R.T.: 0.003 min
Response: 4376245
Conc: 34.37 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



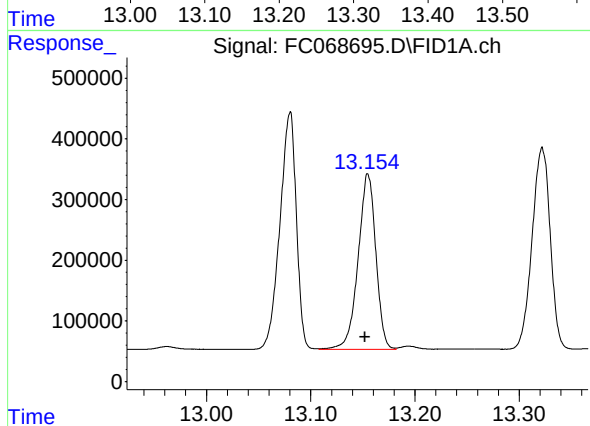
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.004 min
Response: 4206558
Conc: 42.77 ug/ml



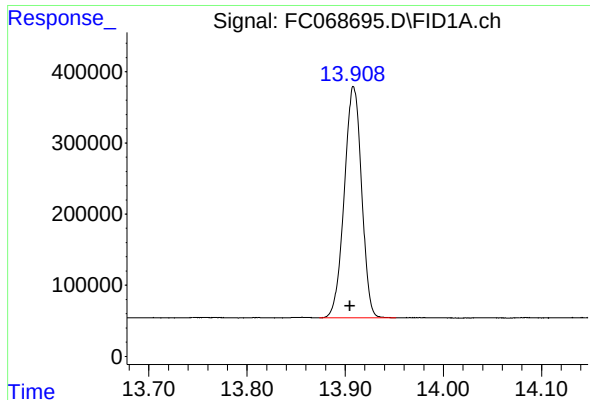
#11 n-Heneicosane (C21)

R.T.: 13.322 min
Delta R.T.: 0.004 min
Response: 4007754
Conc: 41.12 ug/ml



#12 1-chlorooctadecane (SURR)

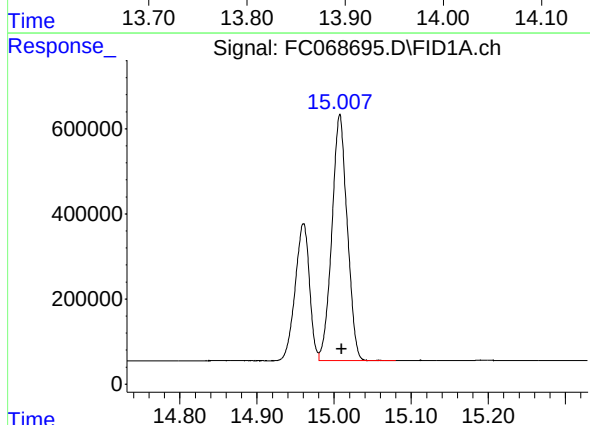
R.T.: 13.155 min
Delta R.T.: 0.003 min
Response: 3410265
Conc: 36.71 ug/ml



#13 n-Docosane (C22)

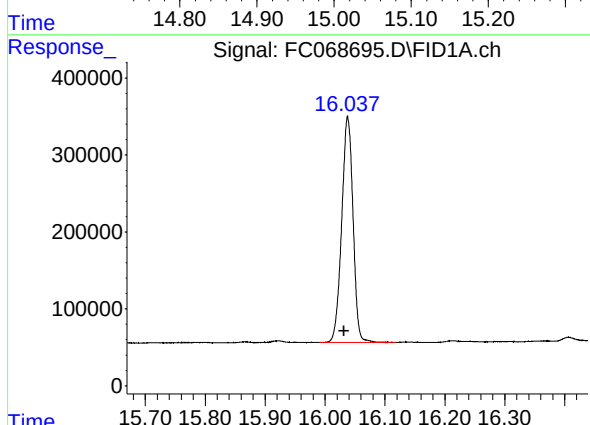
R.T.: 13.909 min
Delta R.T.: 0.004 min
Response: 3988357
Conc: 41.29 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



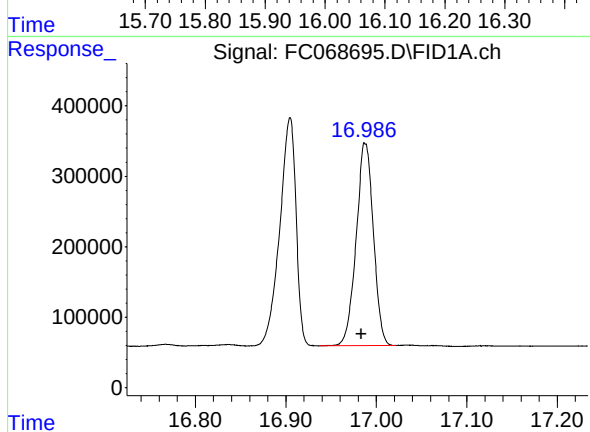
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: -0.003 min
Response: 7996302
Conc: 84.01 ug/ml



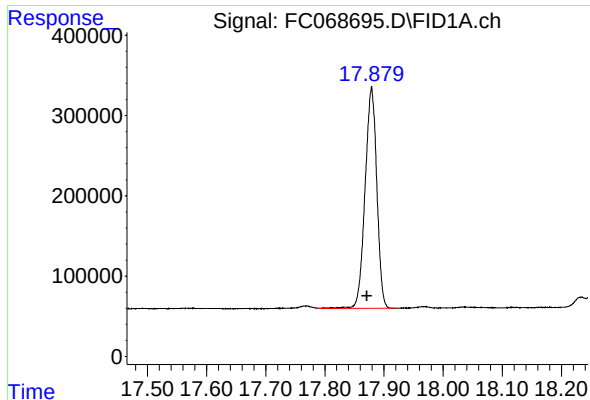
#15 n-Hexacosane (C26)

R.T.: 16.038 min
Delta R.T.: 0.006 min
Response: 3864712
Conc: 41.38 ug/ml



#16 n-Octacosane (C28)

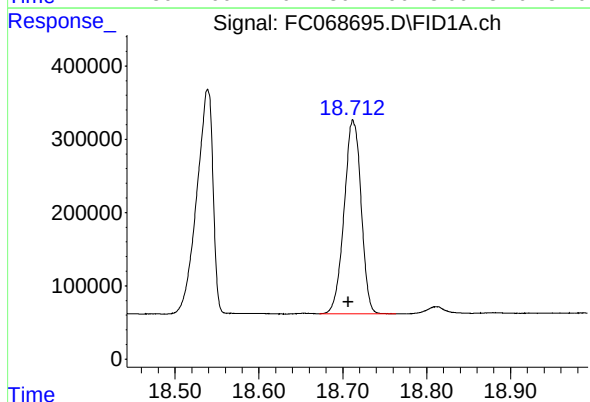
R.T.: 16.988 min
Delta R.T.: 0.004 min
Response: 3802604
Conc: 41.53 ug/ml



#17 n-Tricontane (C30)

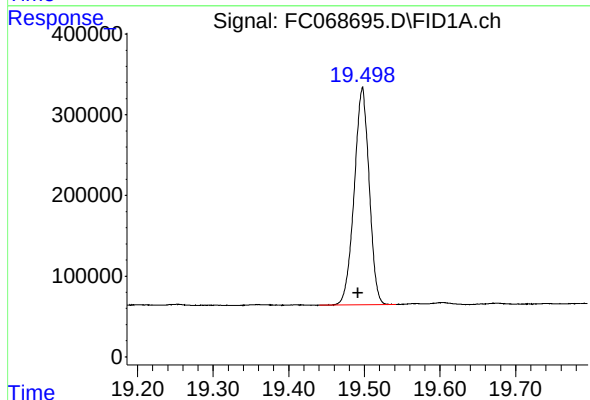
R.T.: 17.879 min
Delta R.T.: 0.008 min
Response: 3784710
Conc: 41.17 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



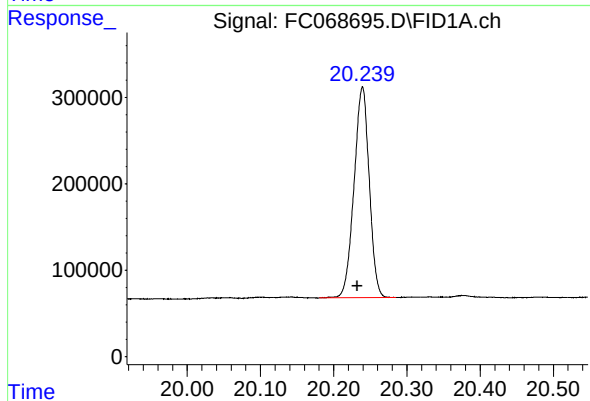
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: 0.006 min
Response: 3721605
Conc: 40.57 ug/ml



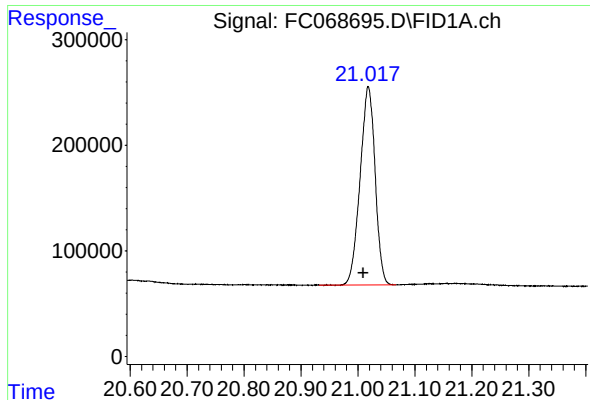
#19 n-Tetatriacontane (C34)

R.T.: 19.497 min
Delta R.T.: 0.006 min
Response: 3690218
Conc: 41.31 ug/ml



#20 n-Hexatriacontane (C36)

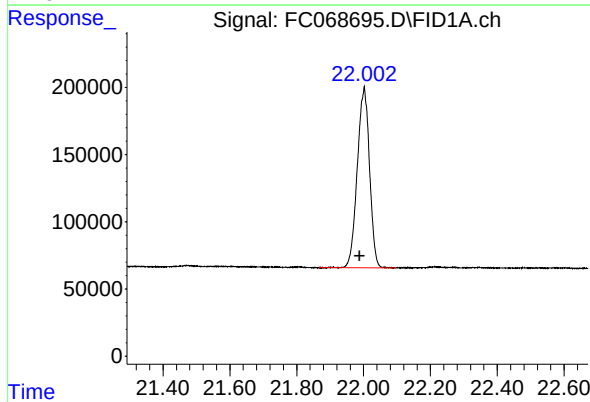
R.T.: 20.239 min
Delta R.T.: 0.007 min
Response: 3518384
Conc: 39.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.018 min
Delta R.T.: 0.009 min
Response: 3442058
Conc: 38.93 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ211MSD



#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.013 min
Response: 3419182
Conc: 38.72 ug/ml