

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051925AL\
 Data File : FC068917.D
 Signal(s) : FID1A.ch
 Acq On : 19 May 2025 15:55
 Operator : YP/AJ
 Sample : PB168051BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168051BSD

Integration File: autoint1.e
 Quant Time: May 20 03:04:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.711	4873813	42.701 ug/ml
Spiked Amount 50.000		Recovery =	85.40%
12) S 1-chlorooctadecane (S...	13.144	3766480	46.948 ug/ml
Spiked Amount 50.000		Recovery =	93.90%
Target Compounds			
1) T n-Nonane (C9)	3.453	5055380	50.262 ug/ml
2) T n-Decane (C10)	4.523	5245179	52.640 ug/ml
3) T A~Naphthalene (C11.7)	6.116	5896229	53.475 ug/ml
4) T n-Dodecane (C12)	6.543	5204863	53.560 ug/ml
5) T A~2-methylnaphthalene...	7.174	5297950	49.360 ug/ml
6) T n-Tetradecane (C14)	8.342	5126438	55.466 ug/ml
7) T n-Hexadecane (C16)	9.944	4985357	55.675 ug/ml
8) T n-Octadecane (C18)	11.388	4878204	55.612 ug/ml
10) T n-Eicosane (C20)	12.698	4914429	57.669 ug/ml
11) T n-Heneicosane (C21)	13.310	4676843	55.449 ug/ml
13) T n-Docosane (C22)	13.898	4619964	55.224 ug/ml
14) T n-Tetracosane (C24)	14.996	9388086	112.828 ug/ml
15) T n-Hexacosane (C26)	16.024	4455522	53.776 ug/ml
16) T n-Octacosane (C28)	16.974	4491343	54.344 ug/ml
17) T n-Tricontane (C30)	17.863	4476616	52.907 ug/ml
18) T n-Dotriacontane (C32)	18.696	4441608	51.565 ug/ml
19) T n-Tetratriacontane (C34)	19.481	4457410	52.317 ug/ml
20) T n-Hexatriacontane (C36)	20.221	4263642	49.607 ug/ml
21) T n-Octatriacontane (C38)	20.995	4188566	49.933 ug/ml
22) T n-Tetracontane (C40)	21.973	4100547	50.034 ug/ml

(f)=RT Delta > 1/2 Window

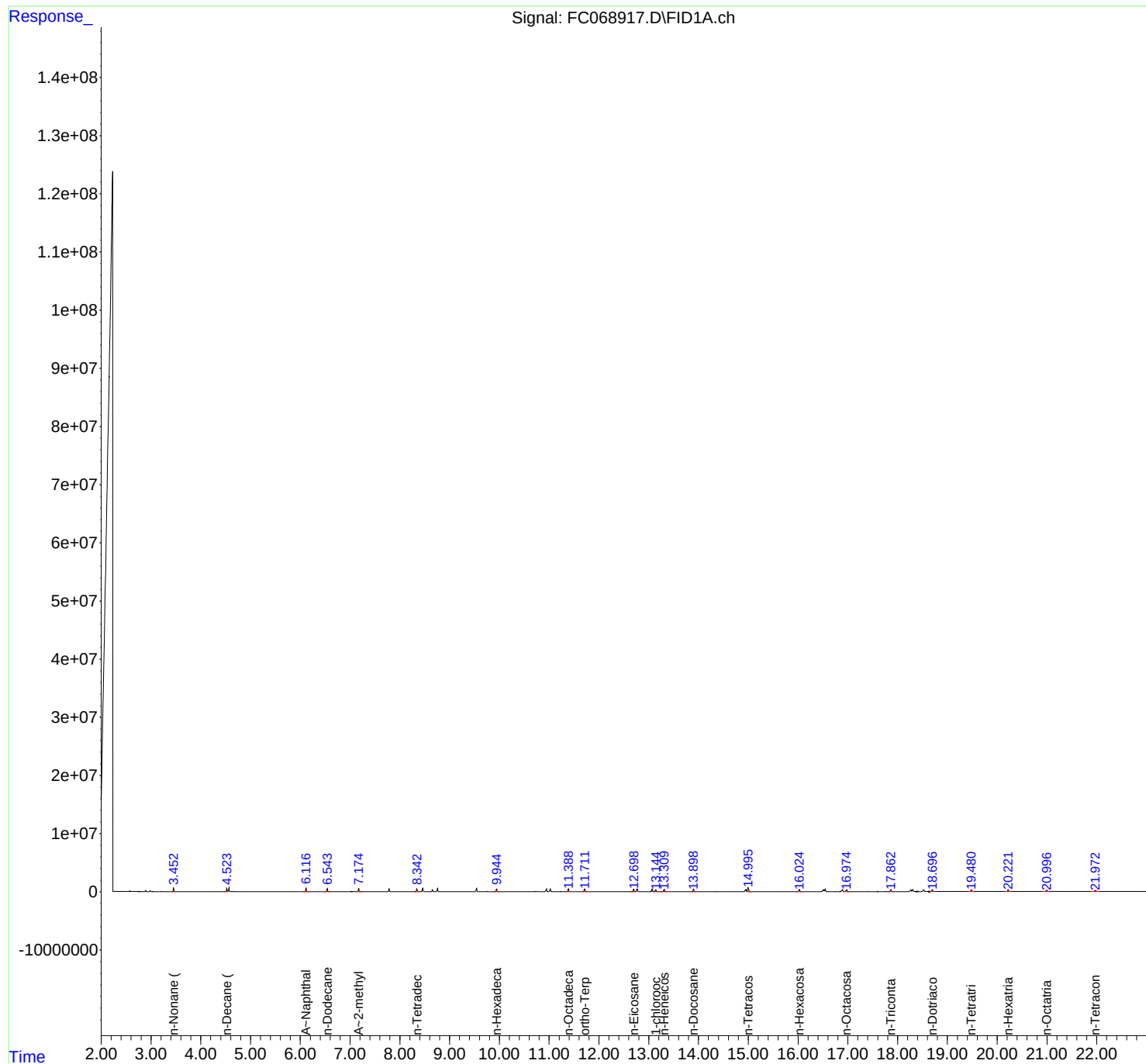
(m)=manual int.

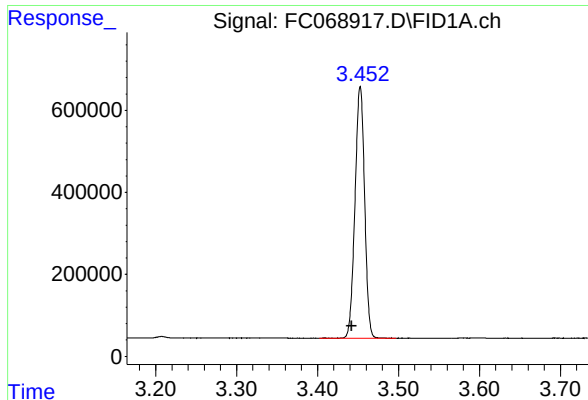
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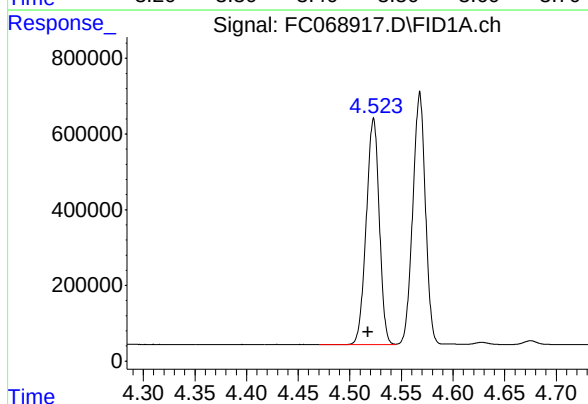




#1 n-Nonane (C9)

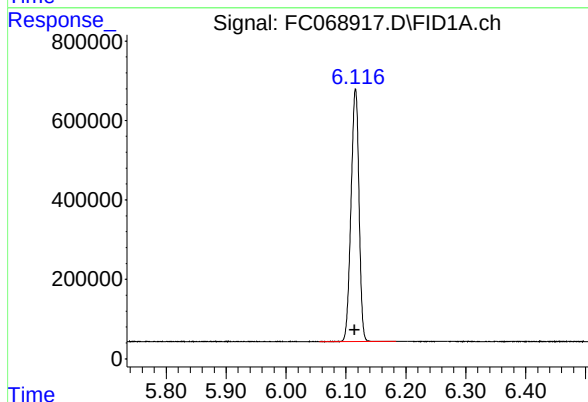
R.T.: 3.453 min
Delta R.T.: 0.011 min
Response: 5055380
Conc: 50.26 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



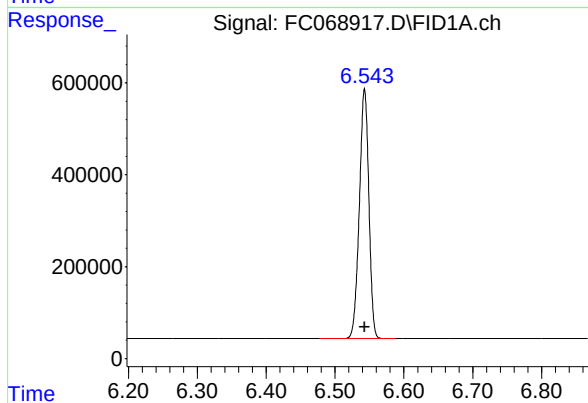
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.005 min
Response: 5245179
Conc: 52.64 ug/ml



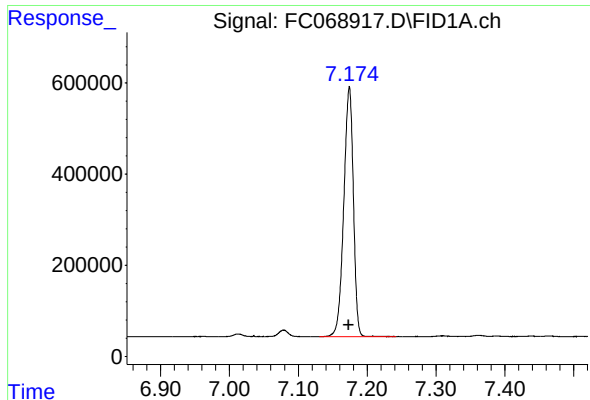
#3 A~Naphthalene (C11.7)

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 5896229
Conc: 53.47 ug/ml



#4 n-Dodecane (C12)

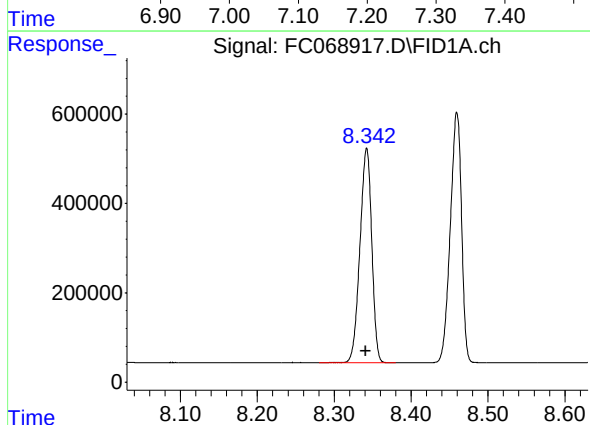
R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 5204863
Conc: 53.56 ug/ml



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

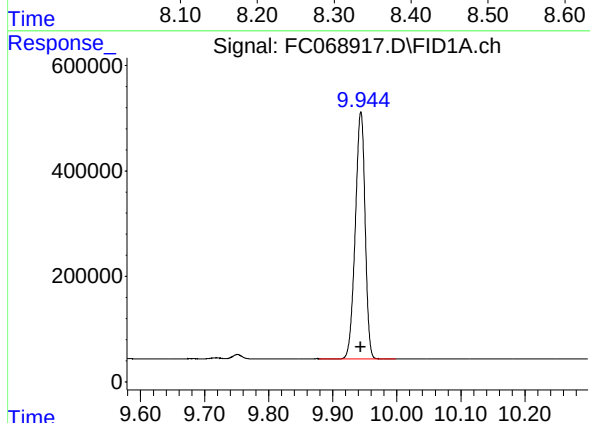
R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 5297950
Conc: 49.36 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



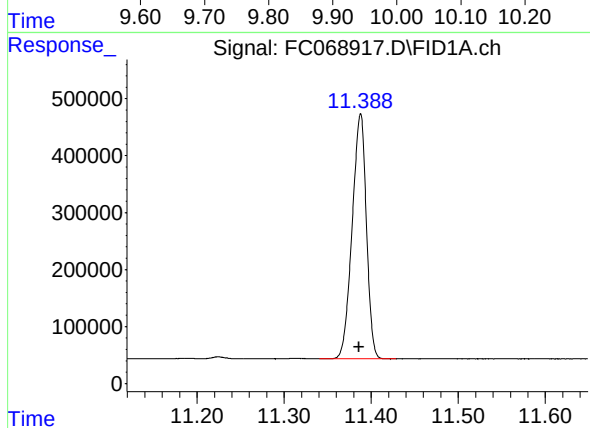
#6 n-Tetradecane (C14)

R.T.: 8.342 min
Delta R.T.: 0.001 min
Response: 5126438
Conc: 55.47 ug/ml



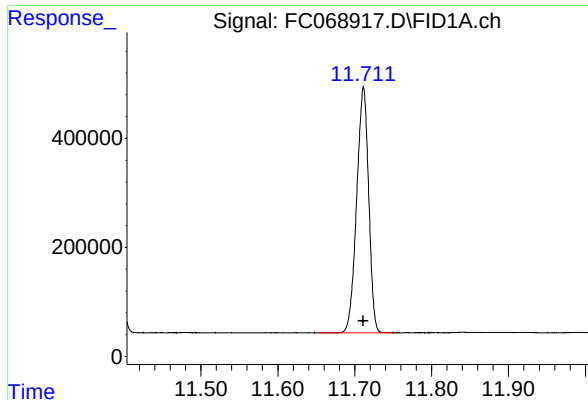
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.000 min
Response: 4985357
Conc: 55.67 ug/ml



#8 n-Octadecane (C18)

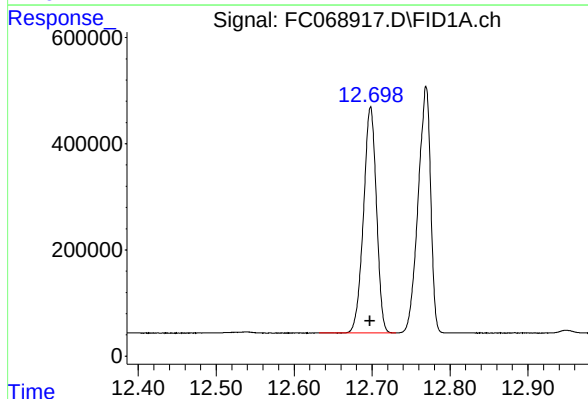
R.T.: 11.388 min
Delta R.T.: 0.001 min
Response: 4878204
Conc: 55.61 ug/ml



#9 ortho-Terphenyl (SURR)

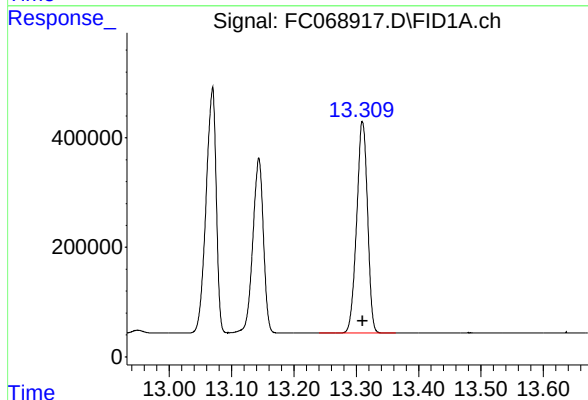
R.T.: 11.711 min
Delta R.T.: 0.000 min
Response: 4873813
Conc: 42.70 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



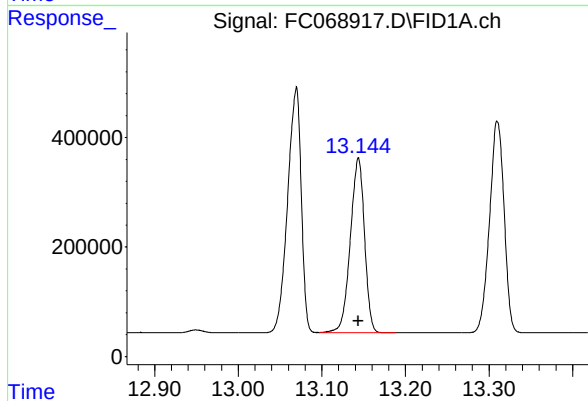
#10 n-Eicosane (C20)

R.T.: 12.698 min
Delta R.T.: 0.000 min
Response: 4914429
Conc: 57.67 ug/ml



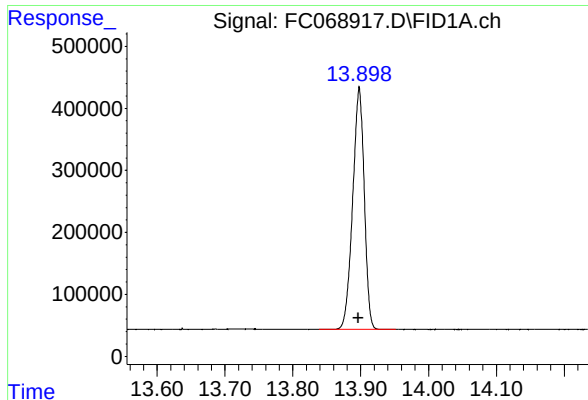
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4676843
Conc: 55.45 ug/ml



#12 1-chlorooctadecane (SURR)

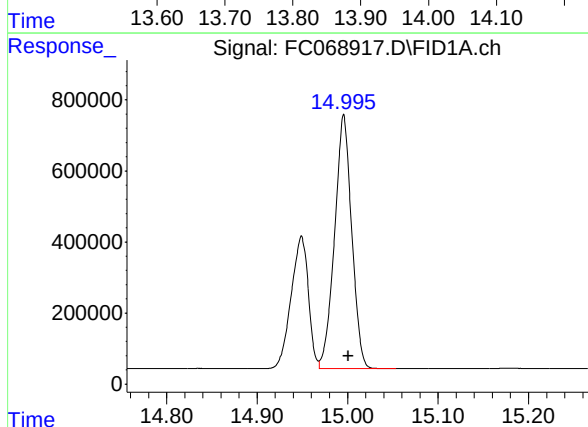
R.T.: 13.144 min
Delta R.T.: 0.000 min
Response: 3766480
Conc: 46.95 ug/ml



#13 n-Docosane (C22)

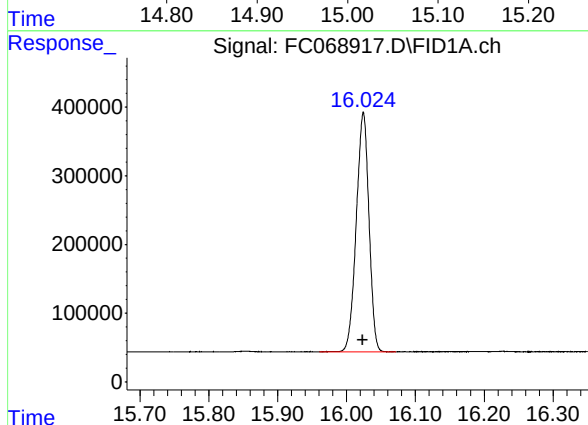
R.T.: 13.898 min
Delta R.T.: 0.001 min
Response: 4619964
Conc: 55.22 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



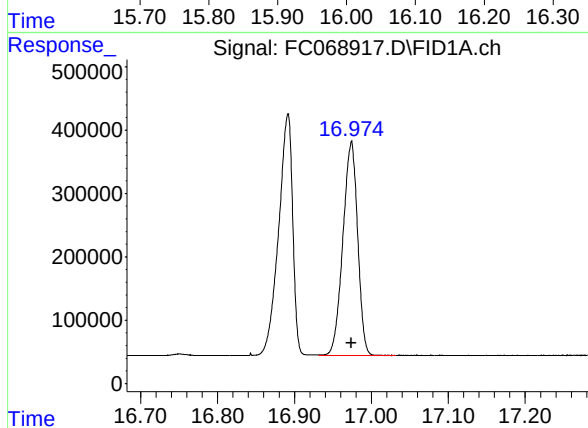
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.005 min
Response: 9388086
Conc: 112.83 ug/ml



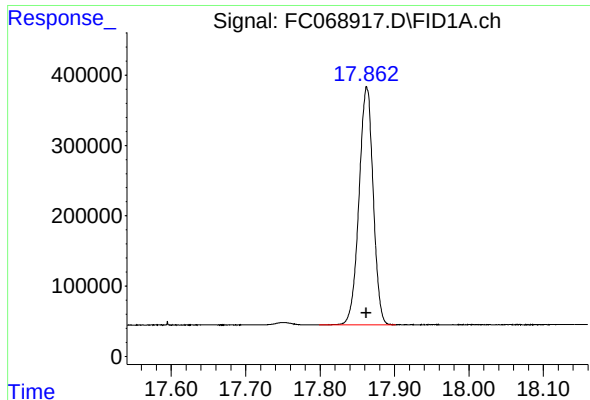
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.001 min
Response: 4455522
Conc: 53.78 ug/ml



#16 n-Octacosane (C28)

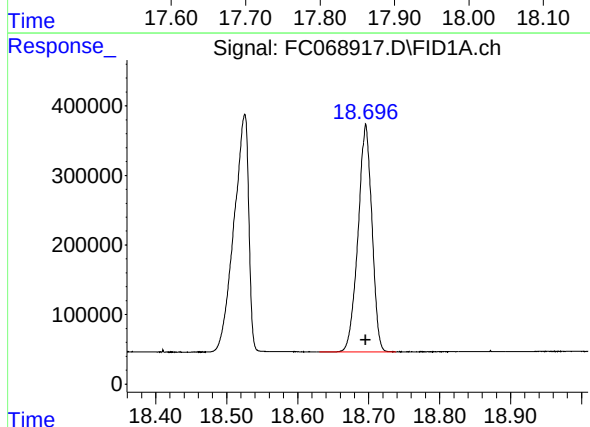
R.T.: 16.974 min
Delta R.T.: 0.000 min
Response: 4491343
Conc: 54.34 ug/ml



#17 n-Tricontane (C30)

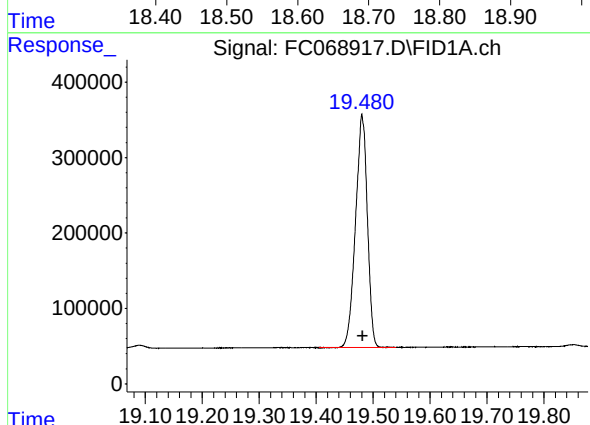
R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 4476616
Conc: 52.91 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



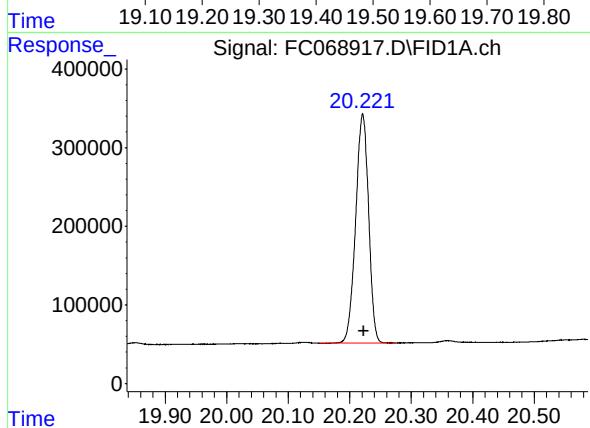
#18 n-Dotriacontane (C32)

R.T.: 18.696 min
Delta R.T.: 0.000 min
Response: 4441608
Conc: 51.57 ug/ml



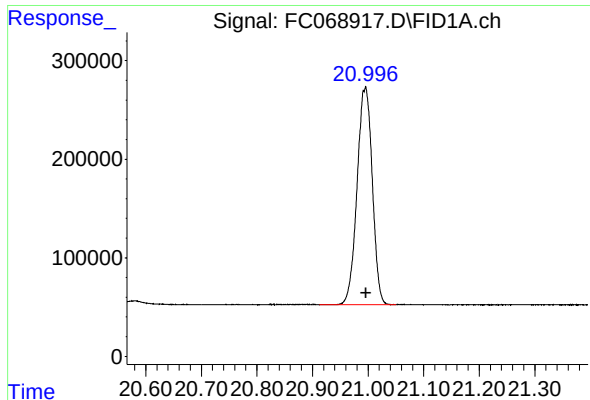
#19 n-Tetratriacontane (C34)

R.T.: 19.481 min
Delta R.T.: 0.000 min
Response: 4457410
Conc: 52.32 ug/ml



#20 n-Hexatriacontane (C36)

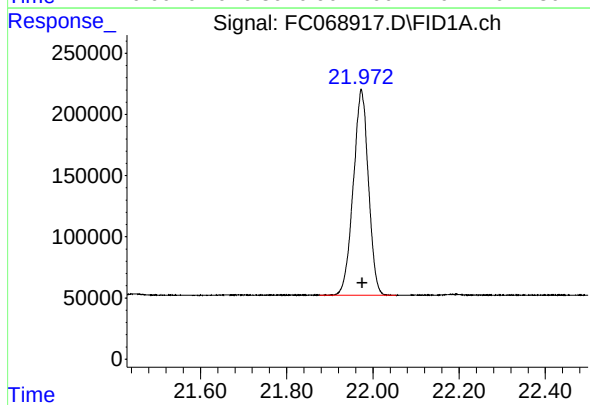
R.T.: 20.221 min
Delta R.T.: -0.001 min
Response: 4263642
Conc: 49.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.002 min
Response: 4188566
Conc: 49.93 ug/ml

Instrument :
FID_C
ClientSampleId :
PB168051BSD



#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: -0.002 min
Response: 4100547
Conc: 50.03 ug/ml