

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091123AL\
 Data File : FC064538.D
 Signal(s) : FID1A.ch
 Acq On : 11 Sep 2023 18:47
 Operator : YP/AJ
 Sample : PB155455BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 12 02:55:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:31:35 2023
 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			
12) S 1-chlorooctadecane (S...	12.943	5226766	34.280 ug/ml
Spiked Amount 50.000		Recovery =	68.56%
Target Compounds			
1) T n-Nonane (C9)	3.298	3918414	22.201 ug/ml
2) T n-Decane (C10)	4.360	5024320	28.641 ug/ml
4) T n-Dodecane (C12)	6.374	6078198	34.100 ug/ml
6) T n-Tetradecane (C14)	8.163	6447798	36.960 ug/ml
7) T n-Hexadecane (C16)	9.760	6869899	39.753 ug/ml
8) T n-Octadecane (C18)	11.196	7220818	41.244 ug/ml
10) T n-Eicosane (C20)	12.502	7432378	43.937 ug/ml
11) T n-Heneicosane (C21)	13.113	7118310	42.649 ug/ml
13) T n-Docosane (C22)	13.696	7028717	43.092 ug/ml
14) T n-Tetracosane (C24)	14.794	6810749	42.768 ug/ml
15) T n-Hexacosane (C26)	15.811	6519277	42.197 ug/ml
16) T n-Octacosane (C28)	16.757	6331440	42.766 ug/ml
17) T n-Tricontane (C30)	17.639	6198121	42.433 ug/ml
18) T n-Dotriacontane (C32)	18.469	5988320	42.393 ug/ml
19) T n-Tetratriacontane (C34)	19.250	5873335	43.958 ug/ml
20) T n-Hexatriacontane (C36)	19.988	5644442	44.111 ug/ml
21) T n-Octatriacontane (C38)	20.707	5677376	46.234 ug/ml
22) T n-Tetracontane (C40)	21.588	5602625	48.244 ug/ml

(f)=RT Delta > 1/2 Window

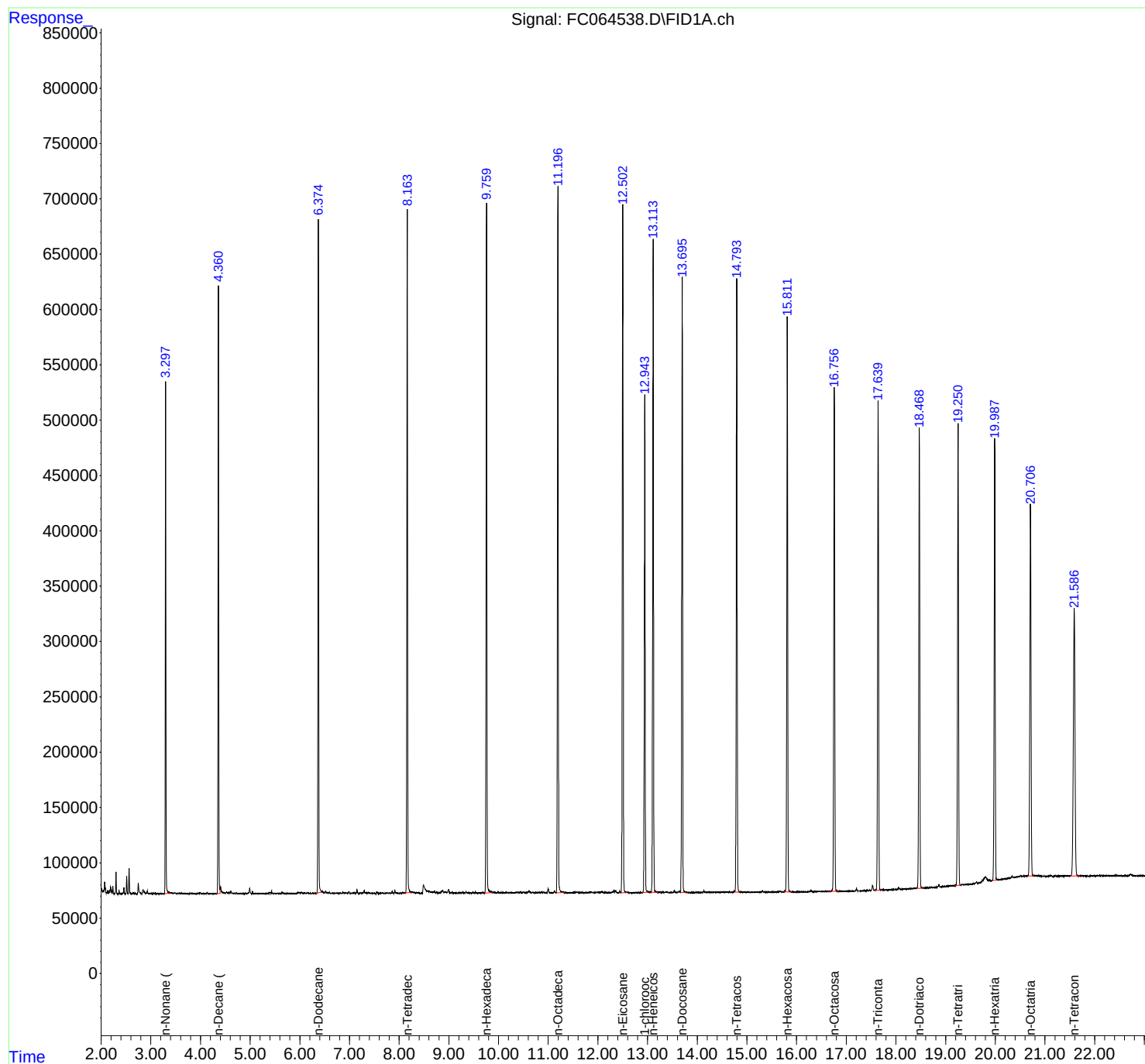
(m)=manual int.

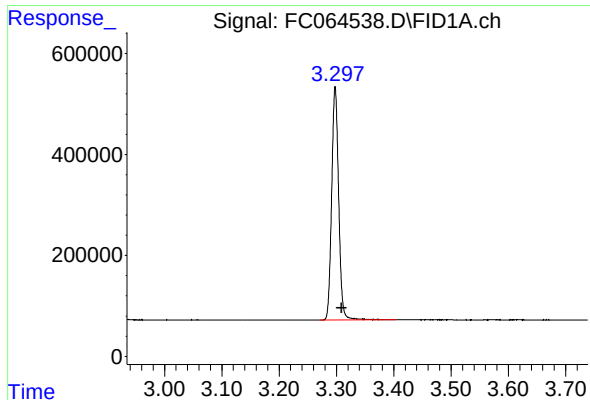
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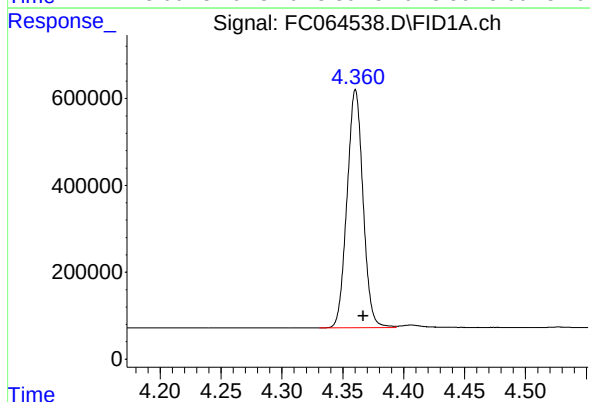




#1 n-Nonane (C9)

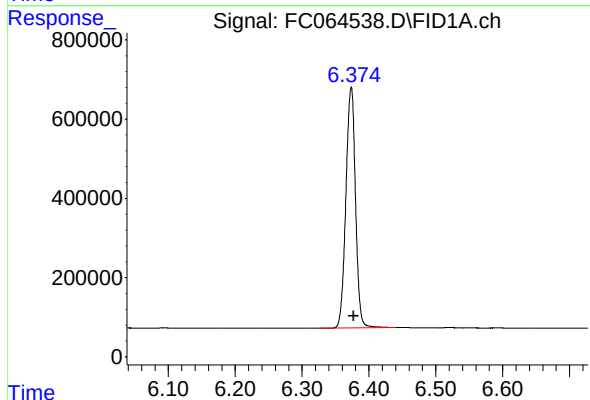
R.T.: 3.298 min
Delta R.T.: -0.011 min
Response: 3918414
Conc: 22.20 ug/ml

Instrument :
FID_C
ClientSampleId :



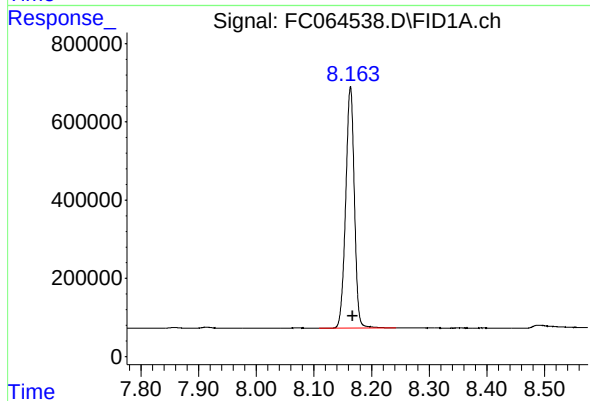
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.006 min
Response: 5024320
Conc: 28.64 ug/ml



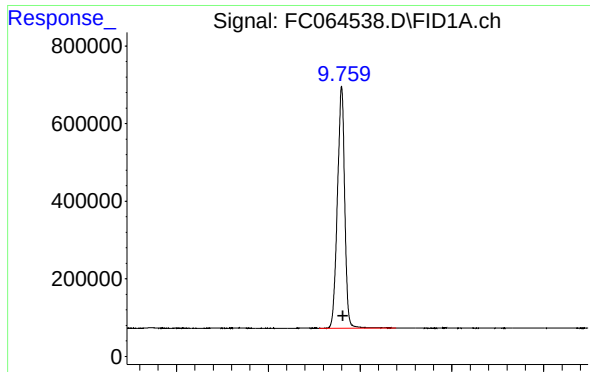
#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 6078198
Conc: 34.10 ug/ml



#6 n-Tetradecane (C14)

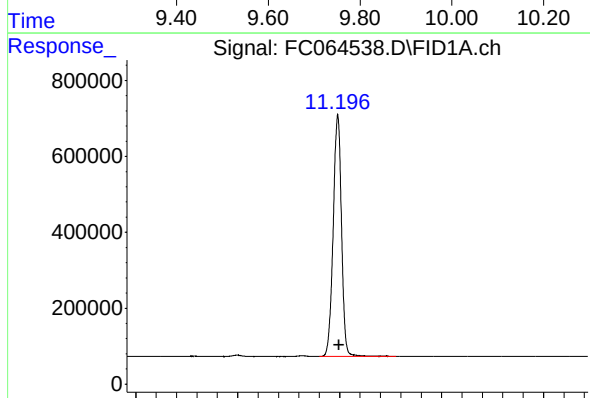
R.T.: 8.163 min
Delta R.T.: -0.004 min
Response: 6447798
Conc: 36.96 ug/ml



#7 n-Hexadecane (C16)

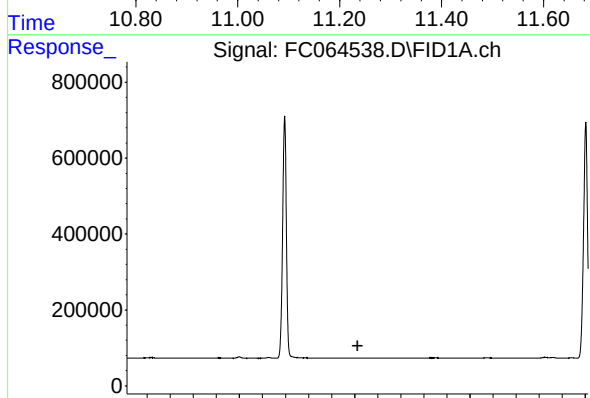
R.T.: 9.760 min
Delta R.T.: -0.004 min
Response: 6869899
Conc: 39.75 ug/ml

Instrument :
FID_C
ClientSampleId :



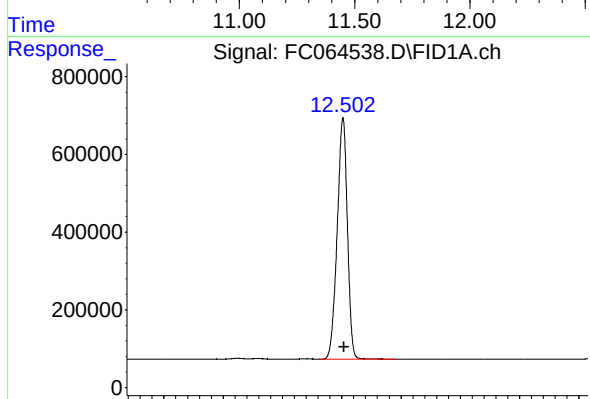
#8 n-Octadecane (C18)

R.T.: 11.196 min
Delta R.T.: -0.002 min
Response: 7220818
Conc: 41.24 ug/ml



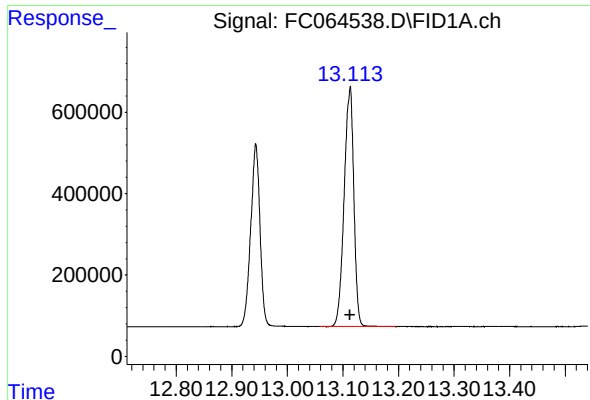
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.512 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

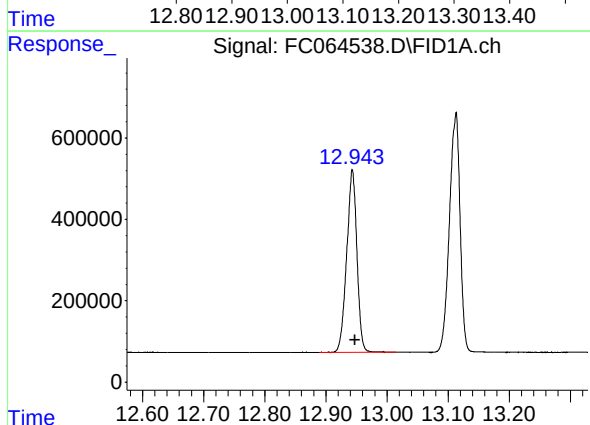
R.T.: 12.502 min
Delta R.T.: -0.002 min
Response: 7432378
Conc: 43.94 ug/ml



#11 n-Heneicosane (C21)

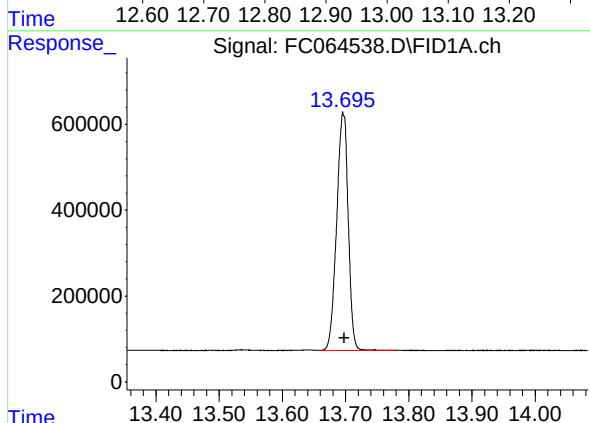
R.T.: 13.113 min
Delta R.T.: 0.000 min
Response: 7118310
Conc: 42.65 ug/ml

Instrument :
FID_C
ClientSampleId :



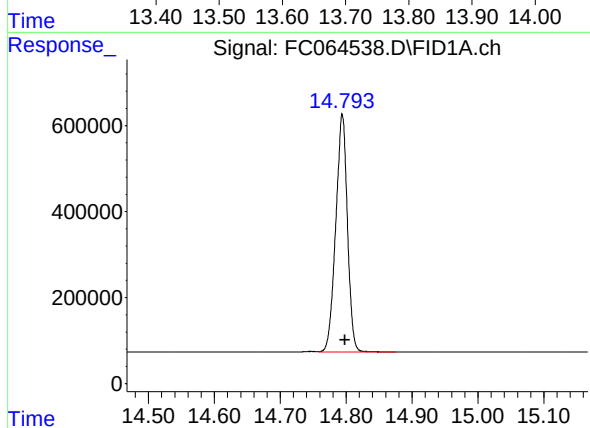
#12 1-chlorooctadecane (SURR)

R.T.: 12.943 min
Delta R.T.: -0.004 min
Response: 5226766
Conc: 34.28 ug/ml



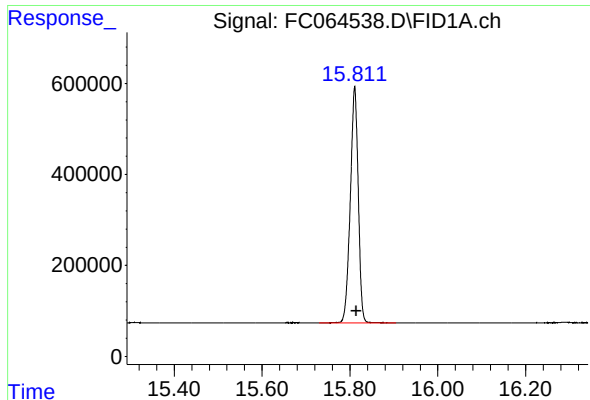
#13 n-Docosane (C22)

R.T.: 13.696 min
Delta R.T.: -0.002 min
Response: 7028717
Conc: 43.09 ug/ml



#14 n-Tetracosane (C24)

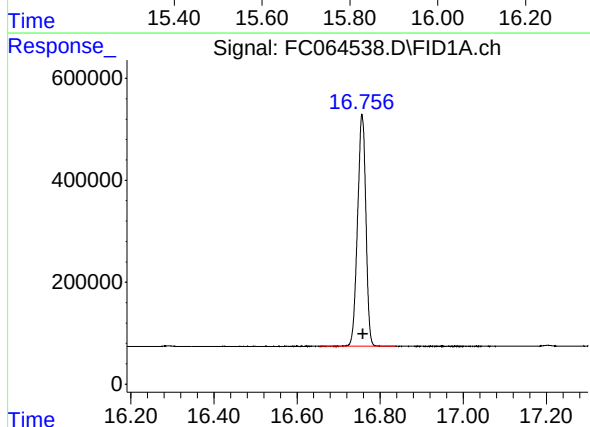
R.T.: 14.794 min
Delta R.T.: -0.004 min
Response: 6810749
Conc: 42.77 ug/ml



#15 n-Hexacosane (C26)

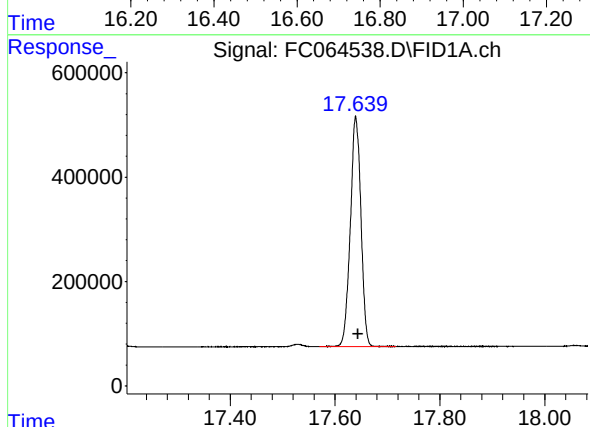
R.T.: 15.811 min
Delta R.T.: -0.003 min
Response: 6519277
Conc: 42.20 ug/ml

Instrument :
FID_C
ClientSampleId :



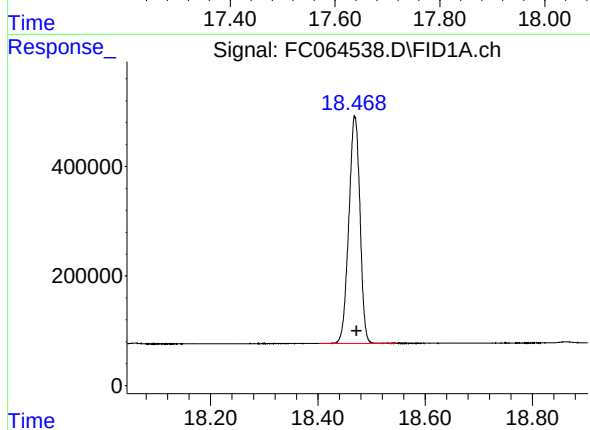
#16 n-Octacosane (C28)

R.T.: 16.757 min
Delta R.T.: -0.002 min
Response: 6331440
Conc: 42.77 ug/ml



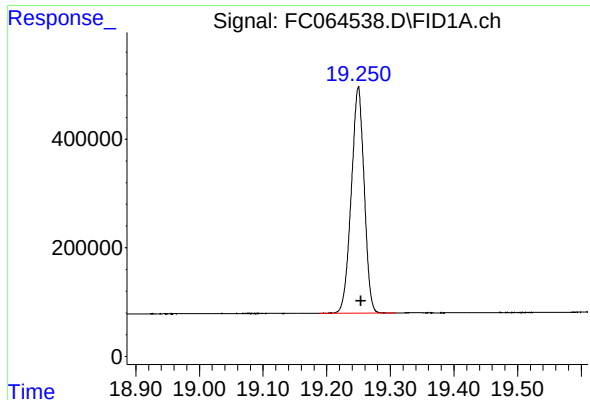
#17 n-Tricontane (C30)

R.T.: 17.639 min
Delta R.T.: -0.005 min
Response: 6198121
Conc: 42.43 ug/ml



#18 n-Dotriacontane (C32)

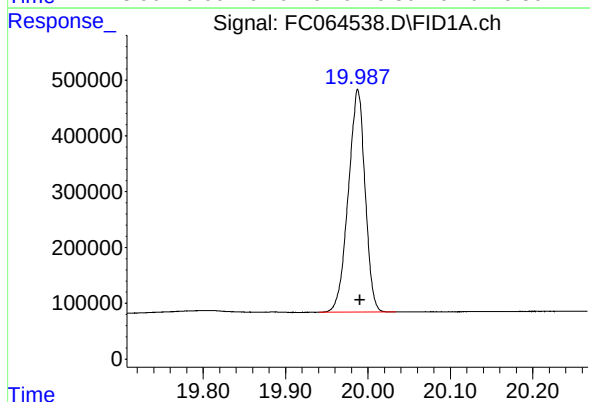
R.T.: 18.469 min
Delta R.T.: -0.003 min
Response: 5988320
Conc: 42.39 ug/ml



#19 n-Tetratriacontane (C34)

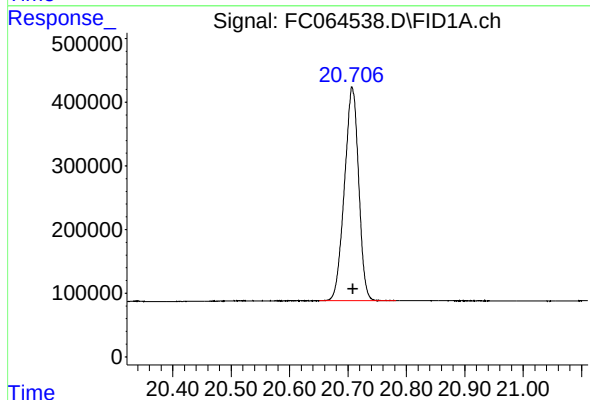
R.T.: 19.250 min
Delta R.T.: -0.004 min
Response: 5873335
Conc: 43.96 ug/ml

Instrument :
FID_C
ClientSampleId :



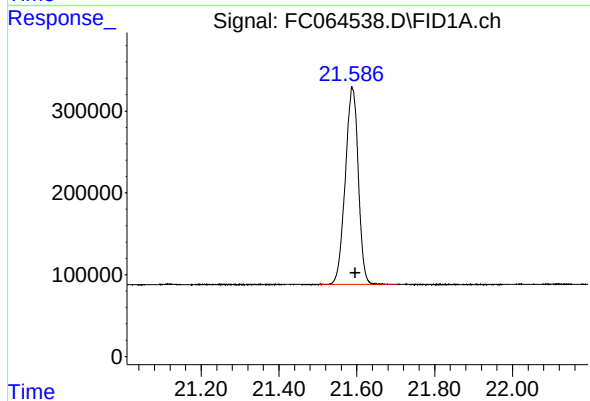
#20 n-Hexatriacontane (C36)

R.T.: 19.988 min
Delta R.T.: -0.003 min
Response: 5644442
Conc: 44.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.707 min
Delta R.T.: -0.002 min
Response: 5677376
Conc: 46.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: -0.008 min
Response: 5602625
Conc: 48.24 ug/ml