

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064663.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 12:55
 Operator : YP/AJ
 Sample : EPH CARTRIDGE #04
 Misc : E3573 LOT#M06026
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGE #04

Integration File: autoint1.e
 Quant Time: Sep 26 13:25:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:25:53 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...	12.953	7358674	50.521 ug/ml
Spiked Amount 50.000		Recovery =	101.04%
Target Compounds			
1) T n-Nonane (C9)	3.321	5479198	31.005 ug/ml
2) T n-Decane (C10)	4.381	6822194	37.975 ug/ml
4) T n-Dodecane (C12)	6.390	7819047	43.047 ug/ml
6) T n-Tetradecane (C14)	8.178	8094600	45.619 ug/ml
7) T n-Hexadecane (C16)	9.773	8720950	48.516 ug/ml
8) T n-Octadecane (C18)	11.209	9367410	51.738 ug/ml
10) T n-Eicosane (C20)	12.512	9526883	55.929 ug/ml
11) T n-Heneicosane (C21)	13.120	9176517	55.405 ug/ml
13) T n-Docosane (C22)	13.703	9040115	55.492 ug/ml
14) T n-Tetracosane (C24)	14.801	8806256	55.469 ug/ml
15) T n-Hexacosane (C26)	15.818	8396021	55.003 ug/ml
16) T n-Octacosane (C28)	16.762	8112460	54.815 ug/ml
17) T n-Tricontane (C30)	17.646	7903587	53.203 ug/ml
18) T n-Dotriacontane (C32)	18.473	7558955	51.795 ug/ml
19) T n-Tetratriacontane (C34)	19.255	7308600	51.409 ug/ml
20) T n-Hexatriacontane (C36)	19.990	6981101	50.685 ug/ml
21) T n-Octatriacontane (C38)	20.710	6918677	50.483 ug/ml
22) T n-Tetracontane (C40)	21.590	6761142	49.704 ug/ml

(f)=RT Delta > 1/2 Window

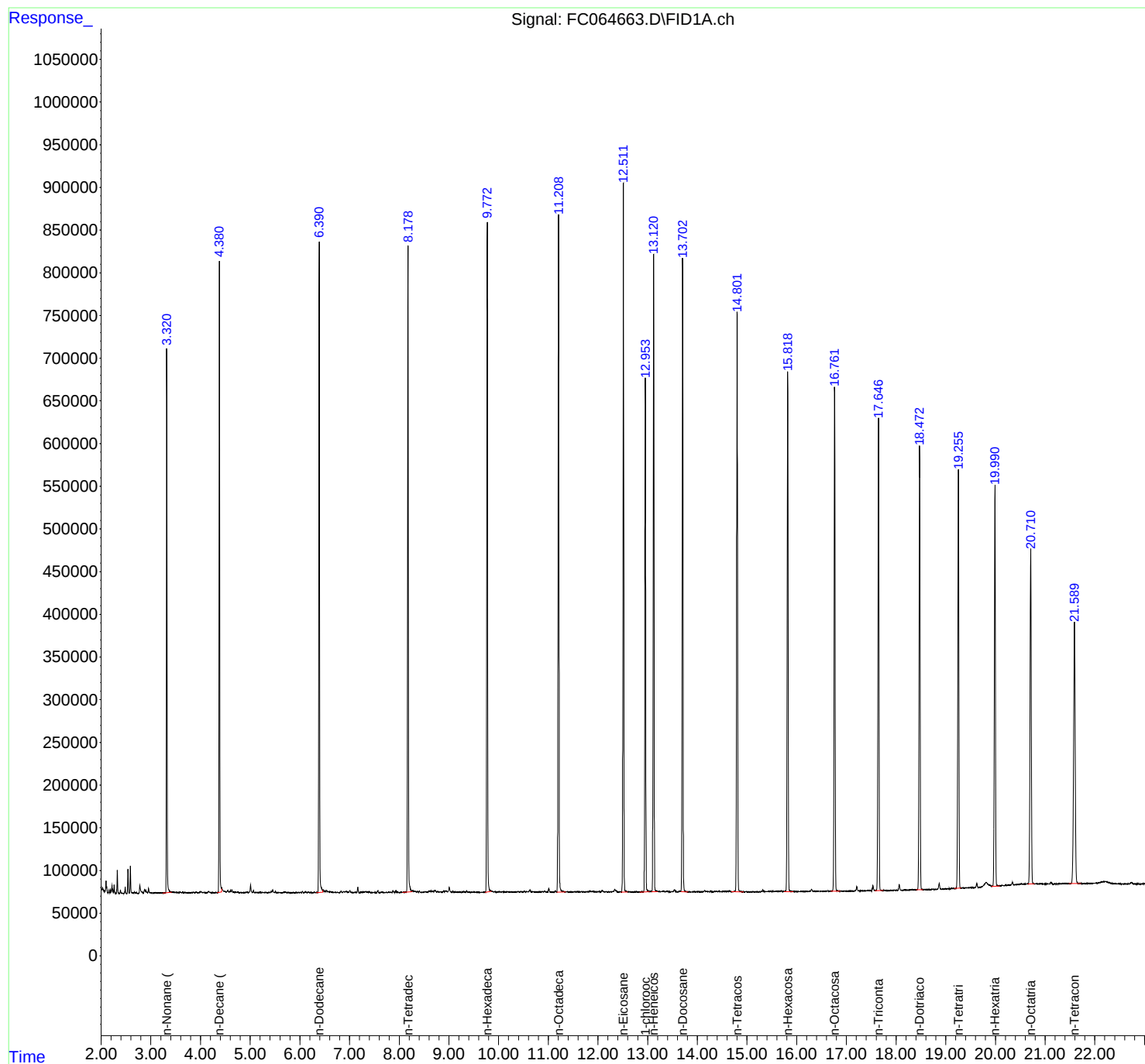
(m)=manual int.

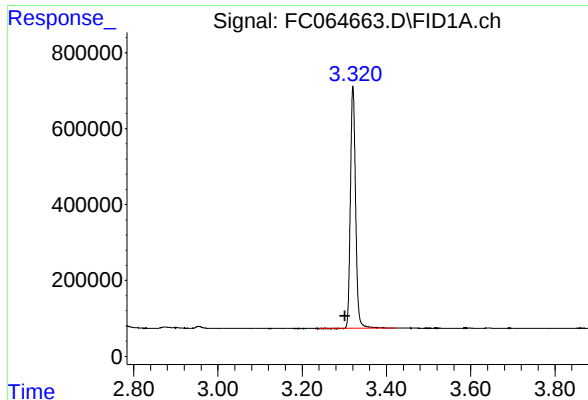
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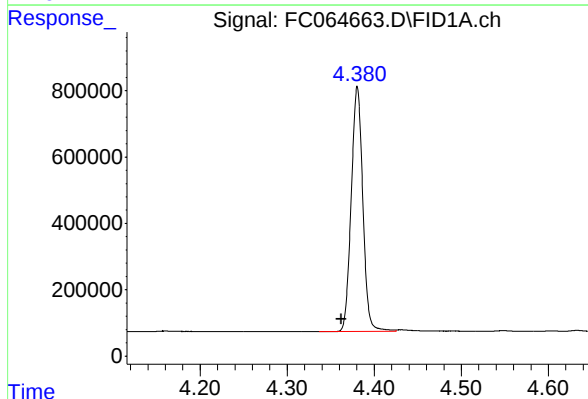




#1 n-Nonane (C9)

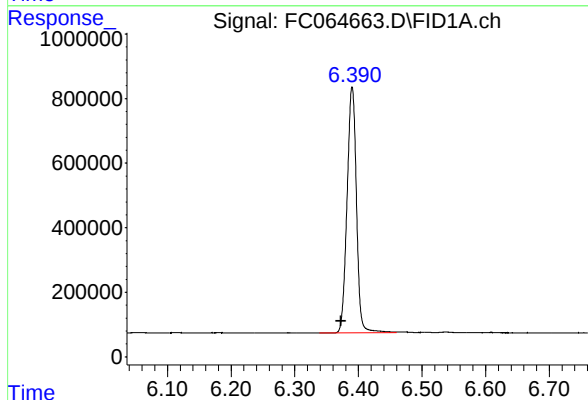
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 5479198
Conc: 31.01 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGE #04



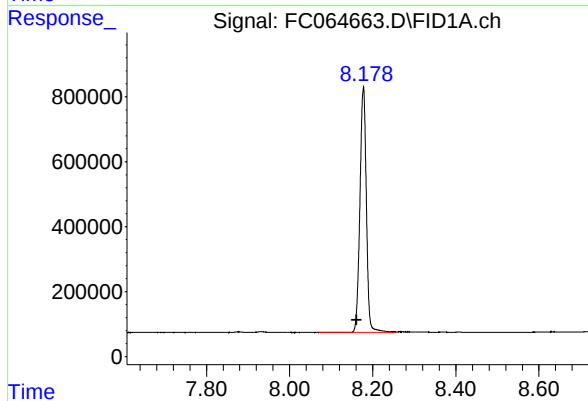
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.018 min
Response: 6822194
Conc: 37.98 ug/ml



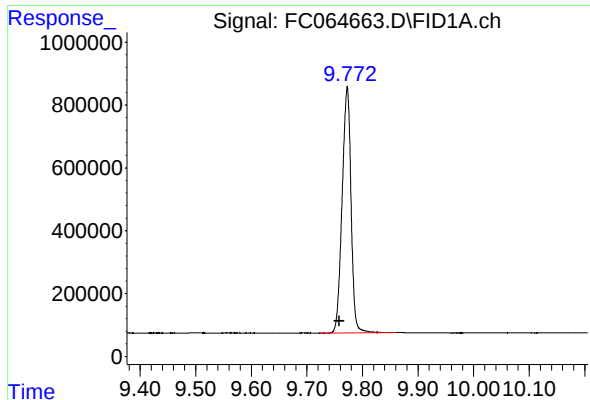
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 7819047
Conc: 43.05 ug/ml



#6 n-Tetradecane (C14)

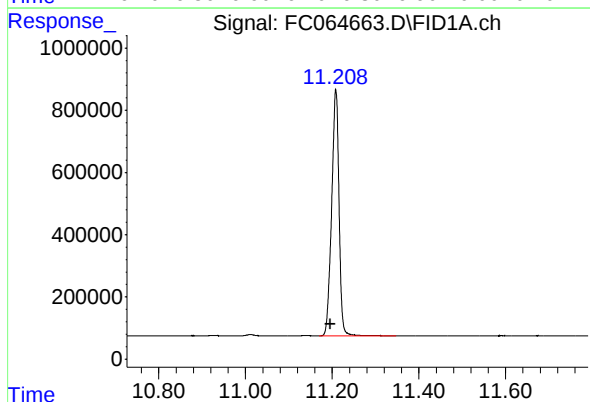
R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 8094600
Conc: 45.62 ug/ml



#7 n-Hexadecane (C16)

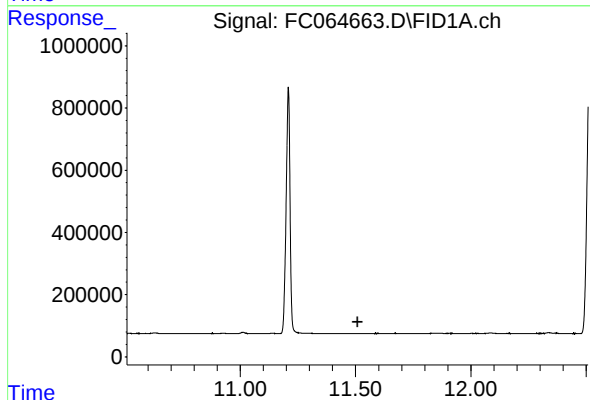
R.T.: 9.773 min
Delta R.T.: 0.014 min
Response: 8720950
Conc: 48.52 ug/ml

Instrument :
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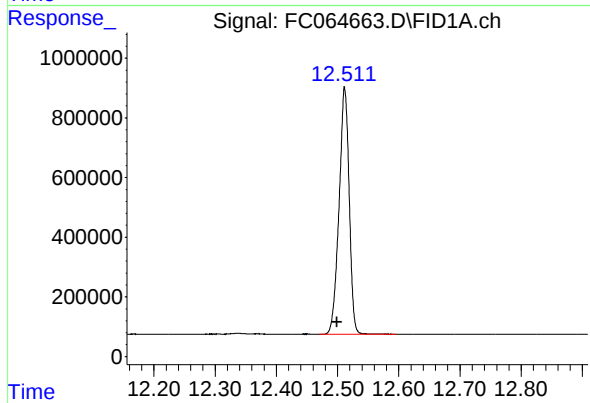
#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: 0.013 min
Response: 9367410
Conc: 51.74 ug/ml



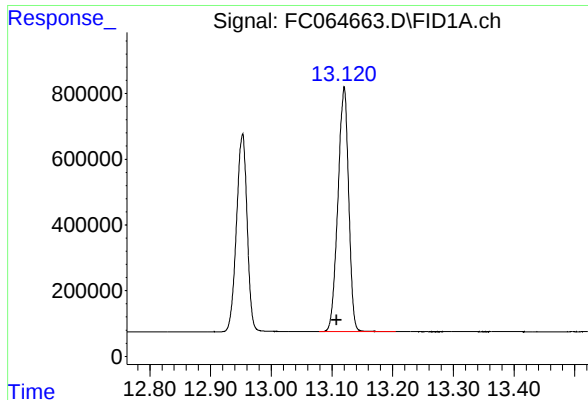
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.508 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

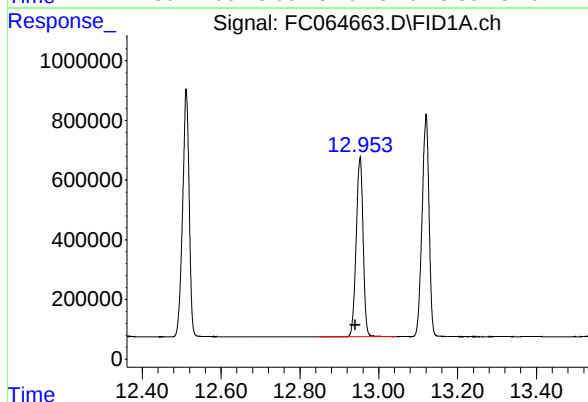
R.T.: 12.512 min
Delta R.T.: 0.012 min
Response: 9526883
Conc: 55.93 ug/ml



#11 n-Heneicosane (C21)

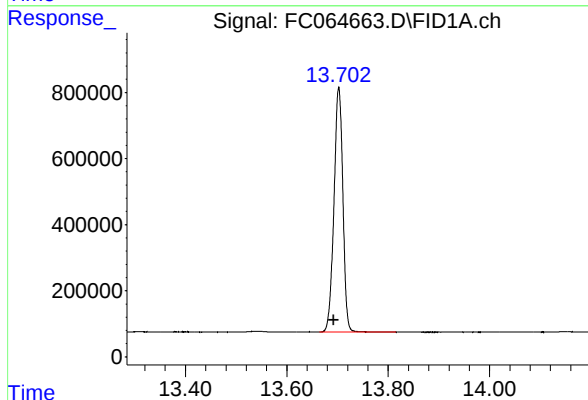
R.T.: 13.120 min
Delta R.T.: 0.012 min
Response: 9176517
Conc: 55.41 ug/ml

Instrument :
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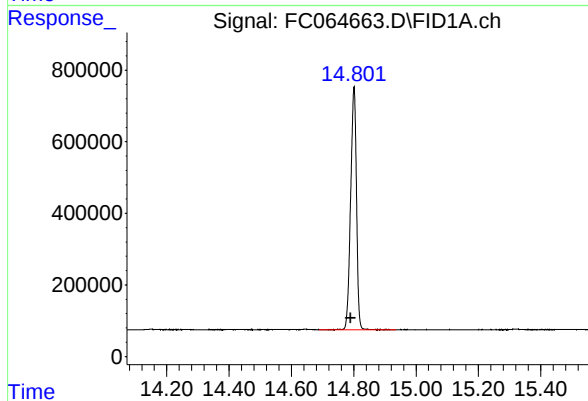
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.012 min
Response: 7358674
Conc: 50.52 ug/ml



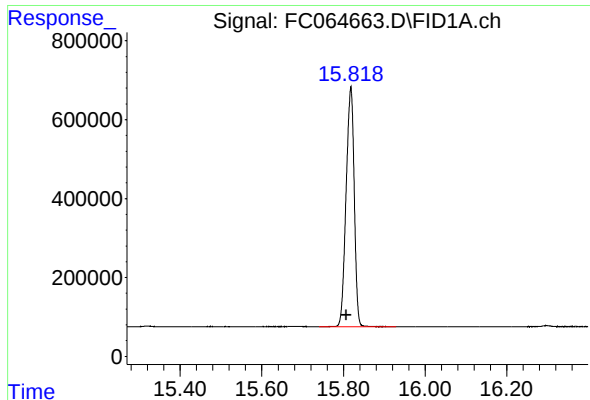
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.011 min
Response: 9040115
Conc: 55.49 ug/ml



#14 n-Tetracosane (C24)

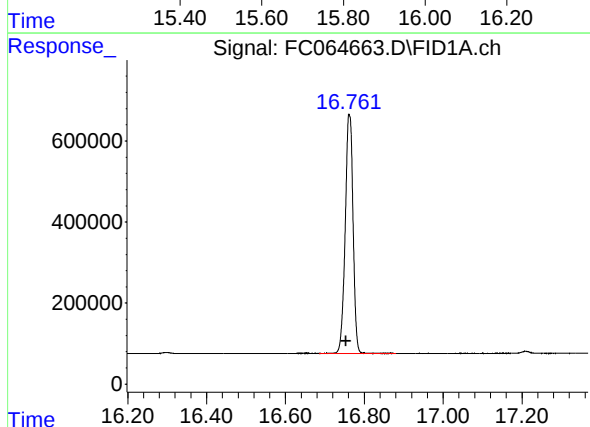
R.T.: 14.801 min
Delta R.T.: 0.011 min
Response: 8806256
Conc: 55.47 ug/ml



#15 n-Hexacosane (C26)

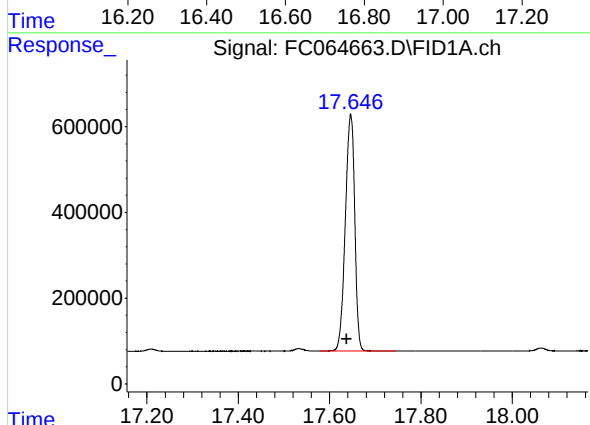
R.T.: 15.818 min
Delta R.T.: 0.011 min
Response: 8396021
Conc: 55.00 ug/ml

Instrument :
FID_C
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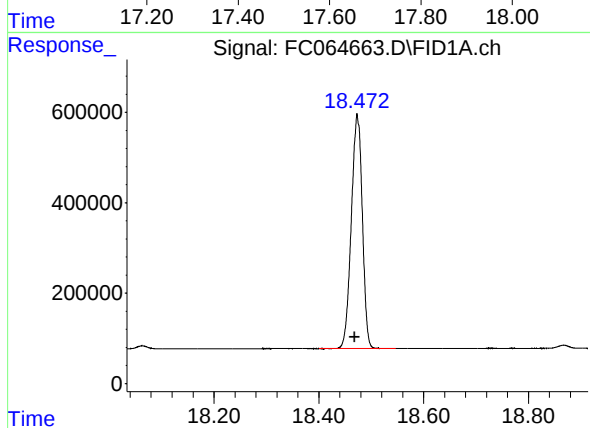
#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: 0.008 min
Response: 8112460
Conc: 54.81 ug/ml



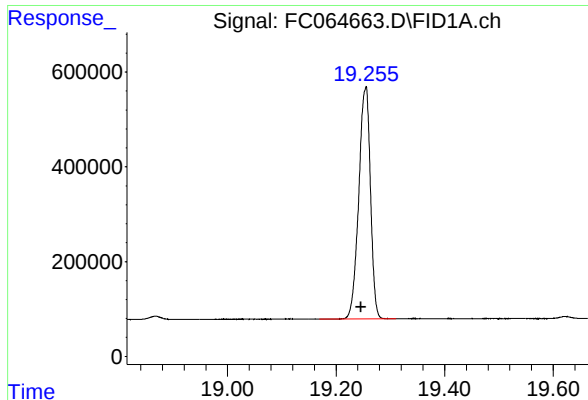
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.009 min
Response: 7903587
Conc: 53.20 ug/ml



#18 n-Dotriacontane (C32)

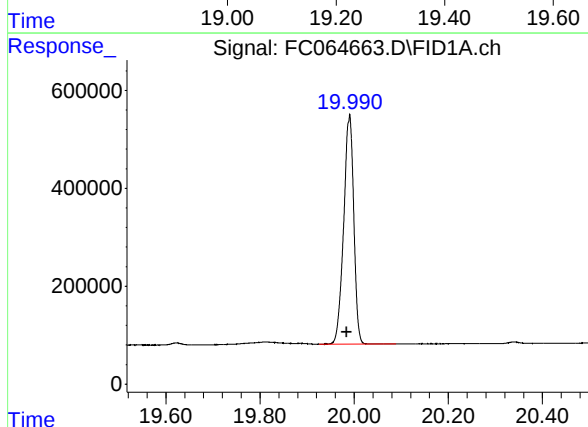
R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 7558955
Conc: 51.80 ug/ml



#19 n-Tetratriacontane (C34)

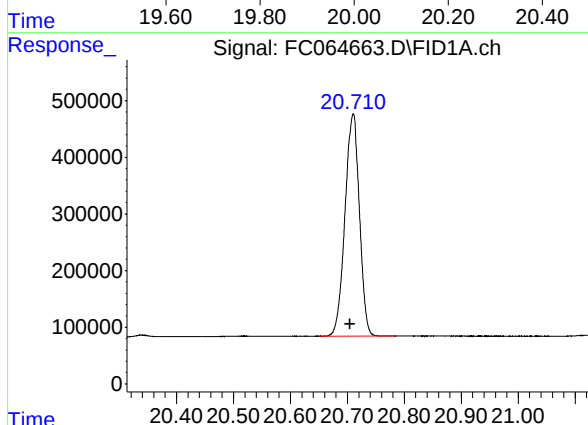
R.T.: 19.255 min
Delta R.T.: 0.009 min
Response: 7308600
Conc: 51.41 ug/ml

Instrument :
FID_C
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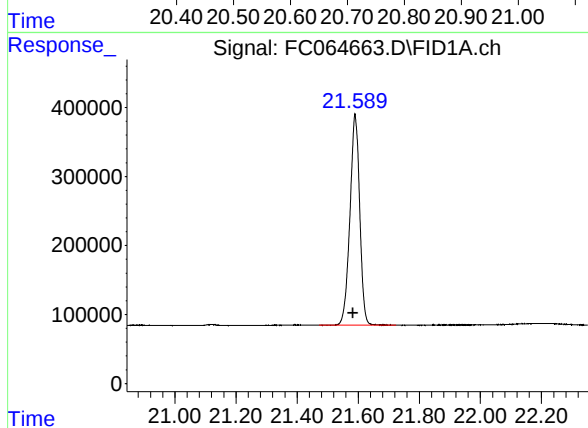
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 6981101
Conc: 50.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 6918677
Conc: 50.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.006 min
Response: 6761142
Conc: 49.70 ug/ml