

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
 Data File : FC064662.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2023 12:16
 Operator : YP/AJ
 Sample : EPH CARTRIDGE #03
 Misc : E3573 LOT#M06026
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGE #03

Integration File: autoint1.e
 Quant Time: Sep 26 12:48:12 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	7283346	50.003 ug/ml
Spiked Amount 50.000		Recovery =	100.01%
Target Compounds			
1) T n-Nonane (C9)	3.321	5418728	30.663 ug/ml
2) T n-Decane (C10)	4.381	6732751	37.478 ug/ml
4) T n-Dodecane (C12)	6.390	7680879	42.287 ug/ml
6) T n-Tetradecane (C14)	8.178	7950555	44.807 ug/ml
7) T n-Hexadecane (C16)	9.771	8657106	48.160 ug/ml
8) T n-Octadecane (C18)	11.207	9250049	51.090 ug/ml
10) T n-Eicosane (C20)	12.511	9424835	55.330 ug/ml
11) T n-Heneicosane (C21)	13.121	9091064	54.889 ug/ml
13) T n-Docosane (C22)	13.705	8943334	54.898 ug/ml
14) T n-Tetracosane (C24)	14.802	8719219	54.921 ug/ml
15) T n-Hexacosane (C26)	15.817	8327950	54.557 ug/ml
16) T n-Octacosane (C28)	16.763	8039541	54.322 ug/ml
17) T n-Tricontane (C30)	17.647	7822923	52.660 ug/ml
18) T n-Dotriacontane (C32)	18.473	7486462	51.298 ug/ml
19) T n-Tetratriacontane (C34)	19.255	7240245	50.928 ug/ml
20) T n-Hexatriacontane (C36)	19.990	6919540	50.238 ug/ml
21) T n-Octatriacontane (C38)	20.710	6848890	49.974 ug/ml
22) T n-Tetracontane (C40)	21.590	6702967	49.277 ug/ml

(f)=RT Delta > 1/2 Window

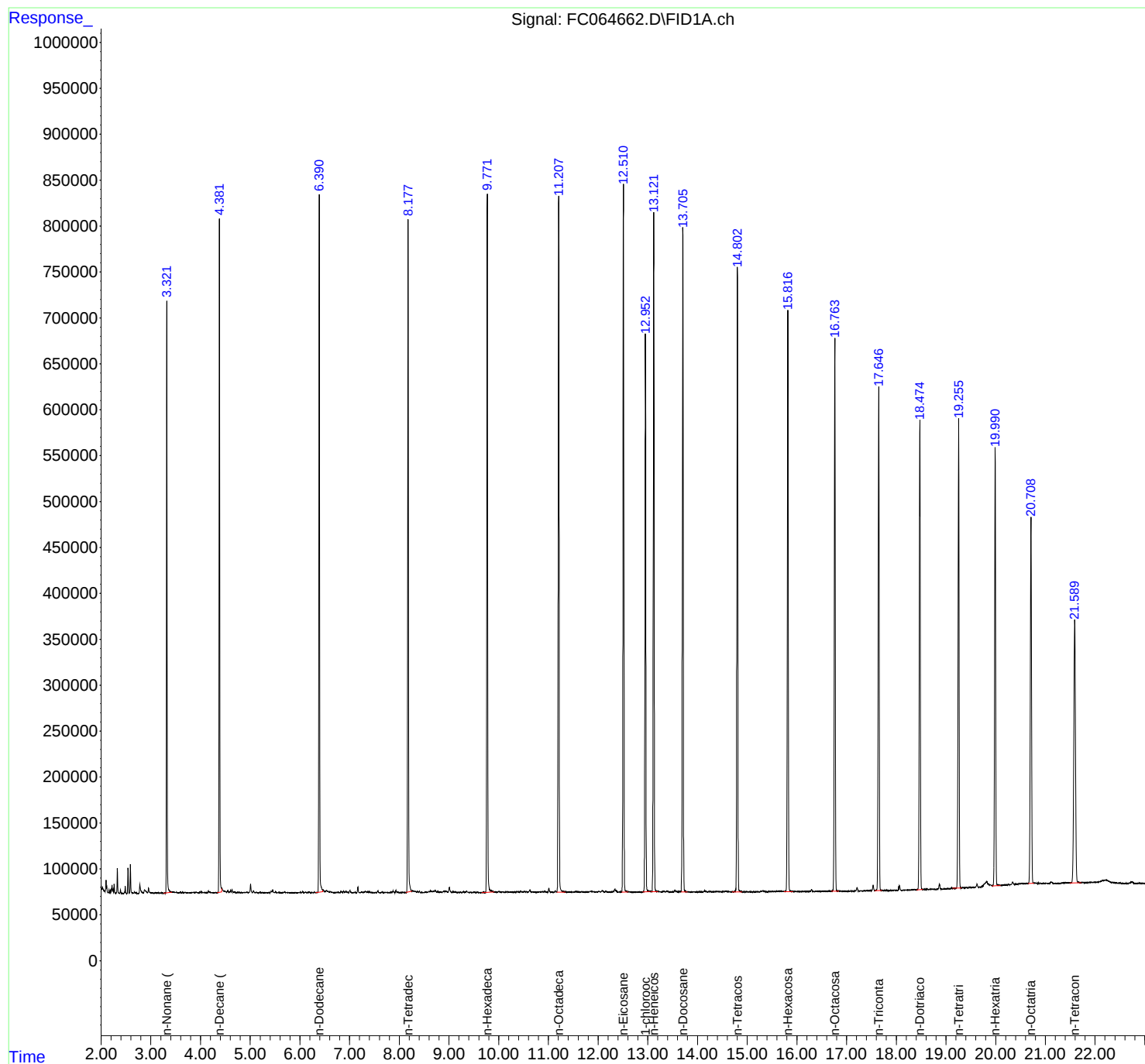
(m)=manual int.

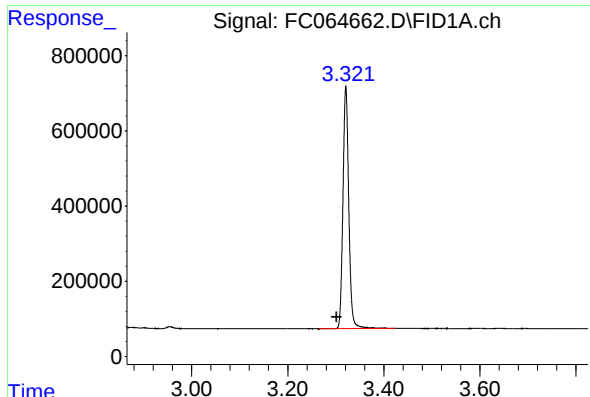
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092623AL\
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Signal Info : 20M x 0.18mm x 0.18um

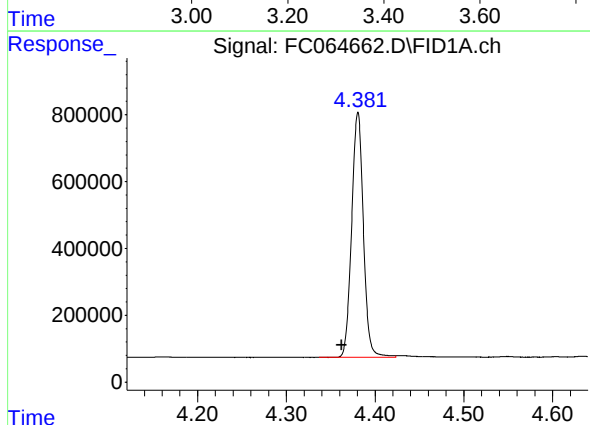




#1 n-Nonane (C9)

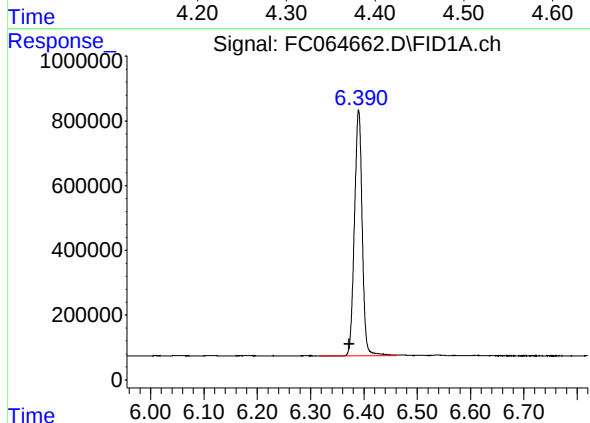
R.T.: 3.321 min
Delta R.T.: 0.019 min
Response: 5418728
Conc: 30.66 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGE #03



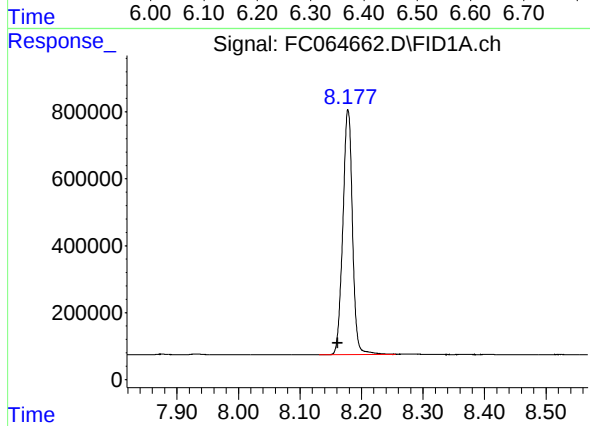
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.018 min
Response: 6732751
Conc: 37.48 ug/ml



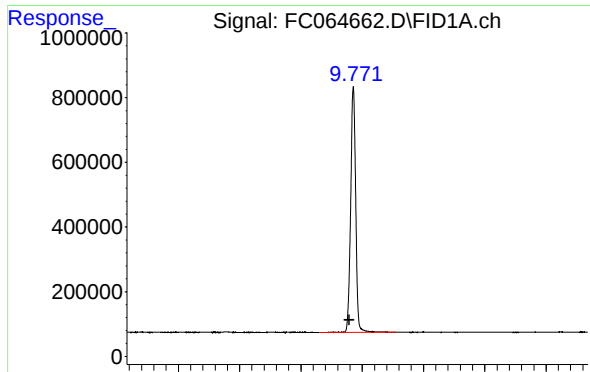
#4 n-Dodecane (C12)

R.T.: 6.390 min
Delta R.T.: 0.018 min
Response: 7680879
Conc: 42.29 ug/ml



#6 n-Tetradecane (C14)

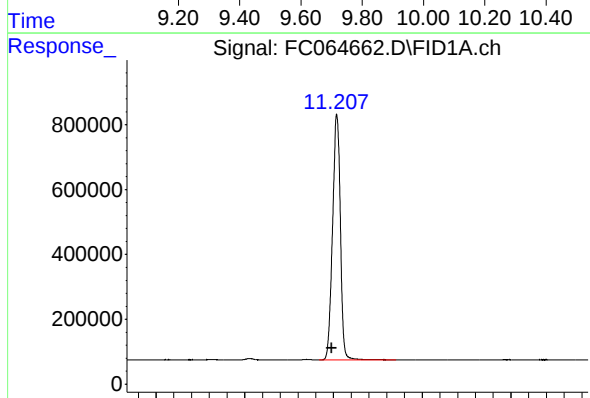
R.T.: 8.178 min
Delta R.T.: 0.017 min
Response: 7950555
Conc: 44.81 ug/ml



#7 n-Hexadecane (C16)

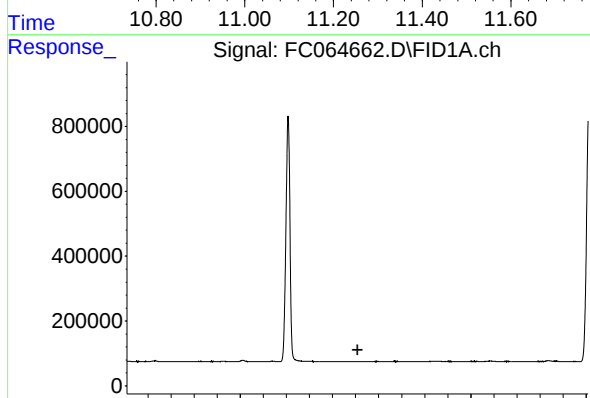
R.T.: 9.771 min
Delta R.T.: 0.013 min
Response: 8657106
Conc: 48.16 ug/ml

Instrument :
FID_C
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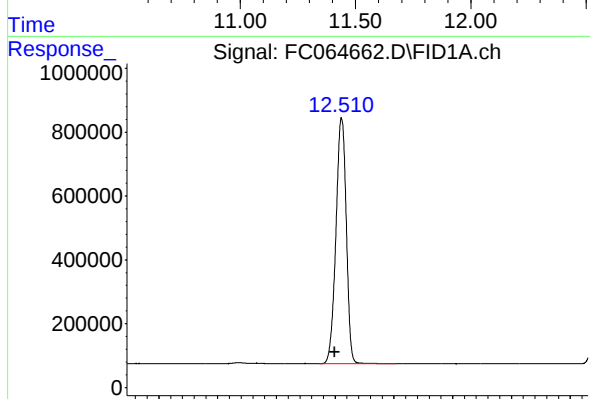
#8 n-Octadecane (C18)

R.T.: 11.207 min
Delta R.T.: 0.012 min
Response: 9250049
Conc: 51.09 ug/ml



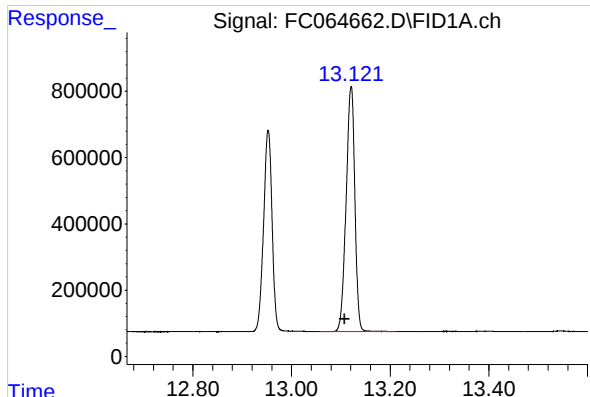
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

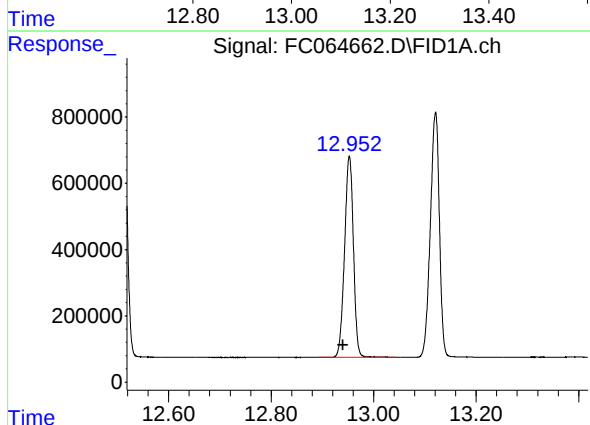
R.T.: 12.511 min
Delta R.T.: 0.012 min
Response: 9424835
Conc: 55.33 ug/ml



#11 n-Heneicosane (C21)

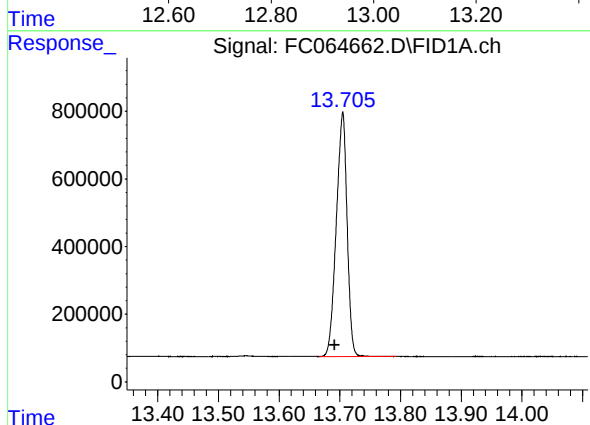
R.T.: 13.121 min
Delta R.T.: 0.013 min
Response: 9091064
Conc: 54.89 ug/ml

Instrument :
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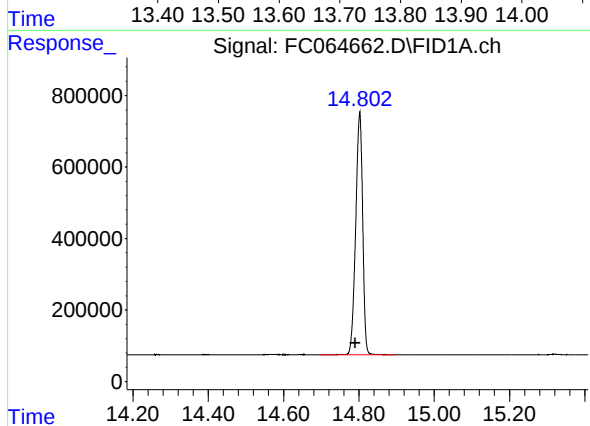
#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.012 min
Response: 7283346
Conc: 50.00 ug/ml



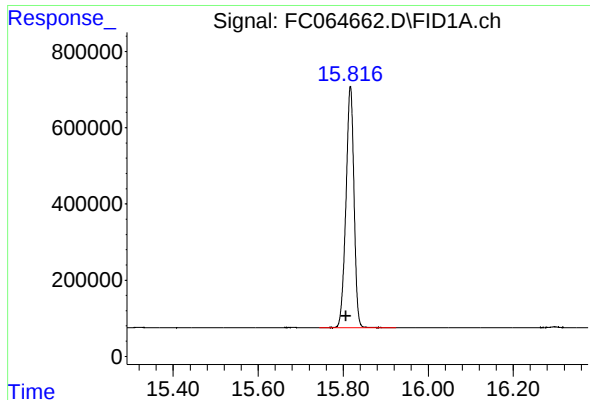
#13 n-Docosane (C22)

R.T.: 13.705 min
Delta R.T.: 0.013 min
Response: 8943334
Conc: 54.90 ug/ml



#14 n-Tetracosane (C24)

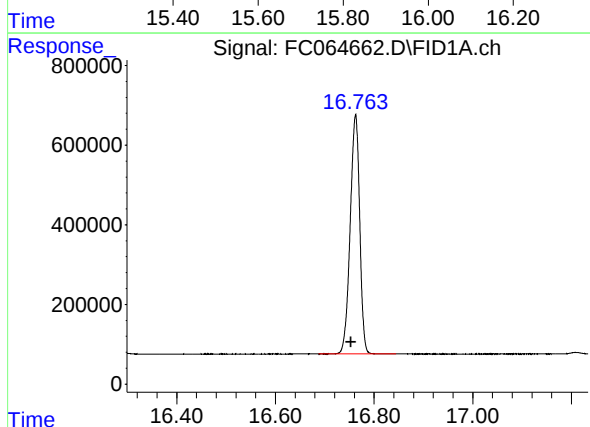
R.T.: 14.802 min
Delta R.T.: 0.012 min
Response: 8719219
Conc: 54.92 ug/ml



#15 n-Hexacosane (C26)

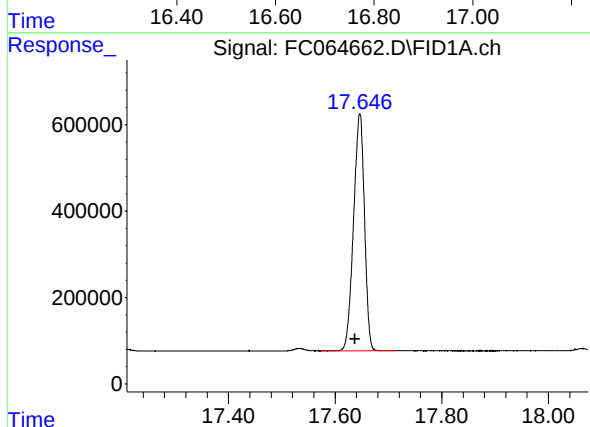
R.T.: 15.817 min
Delta R.T.: 0.010 min
Response: 8327950
Conc: 54.56 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGE #03



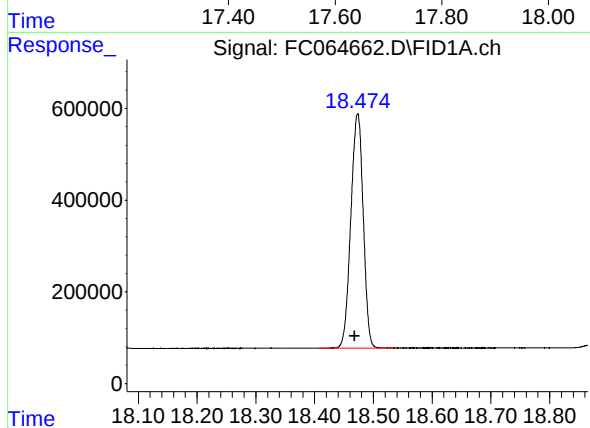
#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.009 min
Response: 8039541
Conc: 54.32 ug/ml



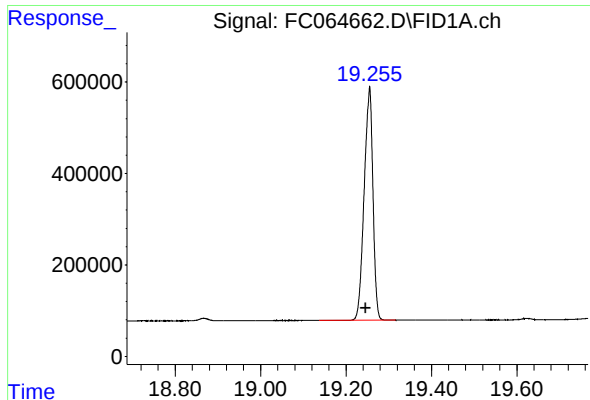
#17 n-Tricontane (C30)

R.T.: 17.647 min
Delta R.T.: 0.009 min
Response: 7822923
Conc: 52.66 ug/ml



#18 n-Dotriacontane (C32)

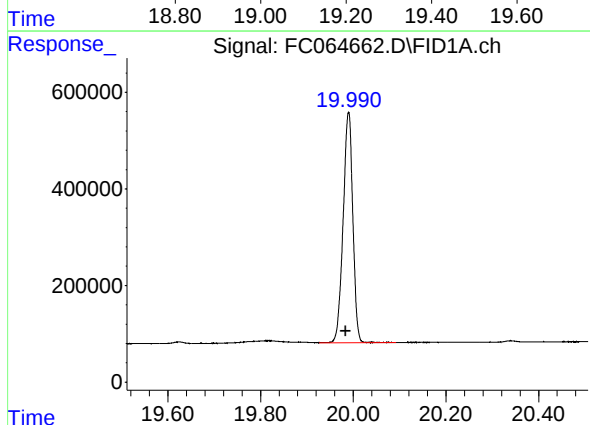
R.T.: 18.473 min
Delta R.T.: 0.005 min
Response: 7486462
Conc: 51.30 ug/ml



#19 n-Tetratriacontane (C34)

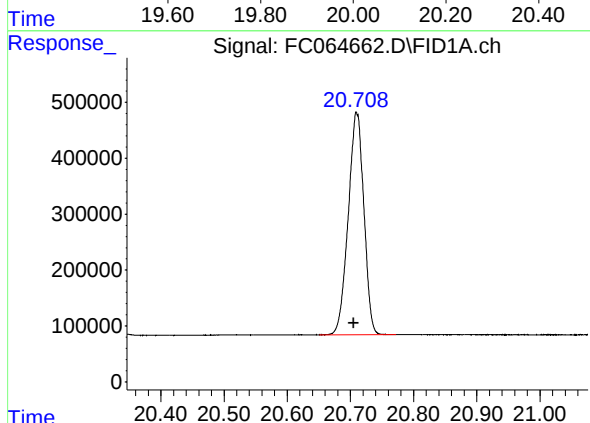
R.T.: 19.255 min
Delta R.T.: 0.010 min
Response: 7240245
Conc: 50.93 ug/ml

Instrument :
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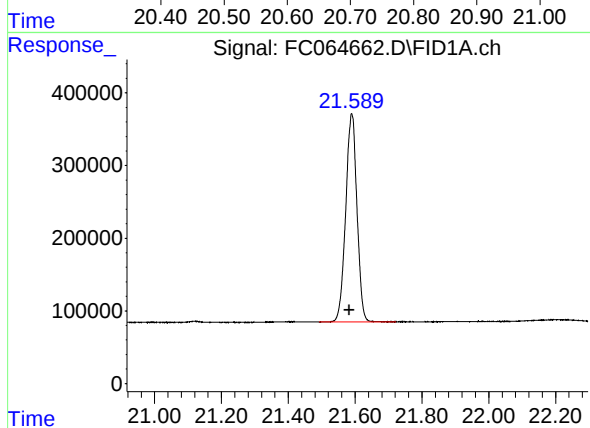
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: 0.006 min
Response: 6919540
Conc: 50.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.710 min
Delta R.T.: 0.005 min
Response: 6848890
Conc: 49.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.007 min
Response: 6702967
Conc: 49.28 ug/ml