

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031323AL\
 Data File : FC063163.D
 Signal(s) : FID1A.ch
 Acq On : 13 Mar 2023 15:10
 Operator : YP/AJ
 Sample : EPH CARTRIDGES-1
 Misc : E3480
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES-1

Integration File: autoint1.e
 Quant Time: Mar 14 03:34:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 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...	12.975	4923208	50.470 ug/ml
Spiked Amount 50.000		Recovery =	100.94%
Target Compounds			
1) T n-Nonane (C9)	3.296	3196765	26.964 ug/ml
2) T n-Decane (C10)	4.363	3845877	33.352 ug/ml
4) T n-Dodecane (C12)	6.384	4260227	36.893 ug/ml
6) T n-Tetradecane (C14)	8.181	4312978	38.162 ug/ml
7) T n-Hexadecane (C16)	9.781	4693801	40.803 ug/ml
8) T n-Octadecane (C18)	11.224	5068334	43.515 ug/ml
10) T n-Eicosane (C20)	12.531	4962858	43.555 ug/ml
11) T n-Heneicosane (C21)	13.143	4915494	43.132 ug/ml
13) T n-Docosane (C22)	13.729	4928160	43.696 ug/ml
14) T n-Tetracosane (C24)	14.829	4893548	43.667 ug/ml
15) T n-Hexacosane (C26)	15.850	4866442	44.004 ug/ml
16) T n-Octacosane (C28)	16.797	4838610	43.975 ug/ml
17) T n-Tricontane (C30)	17.684	4868468	44.209 ug/ml
18) T n-Dotriacontane (C32)	18.514	4969048	44.523 ug/ml
19) T n-Tetratriacontane (C34)	19.295	4938067	44.182 ug/ml
20) T n-Hexatriacontane (C36)	20.034	4726799	43.543 ug/ml
21) T n-Octatriacontane (C38)	20.764	4755100	43.759 ug/ml
22) T n-Tetracontane (C40)	21.664	4755835	43.715 ug/ml

(f)=RT Delta > 1/2 Window

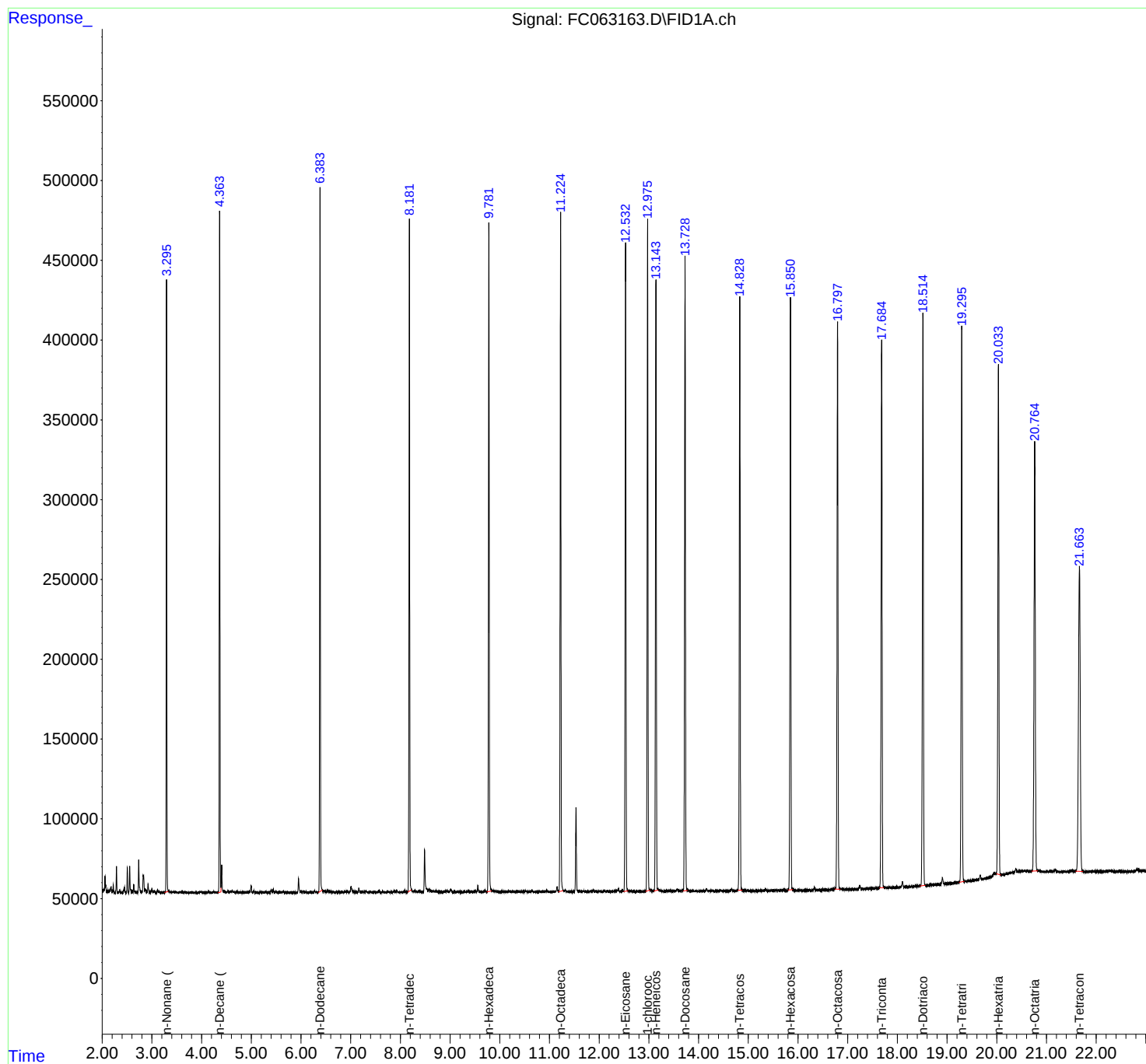
(m)=manual int.

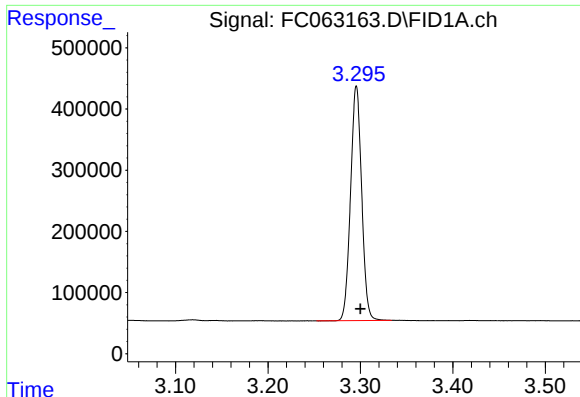
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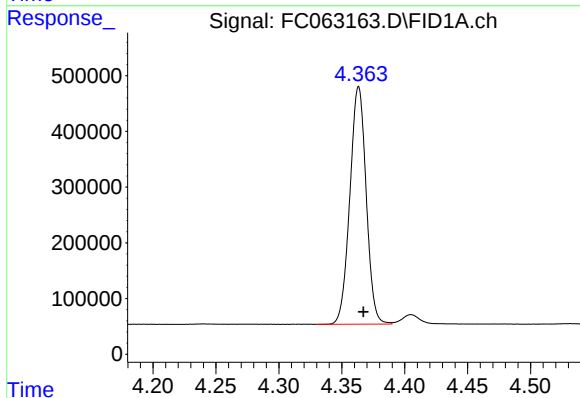




#1 n-Nonane (C9)

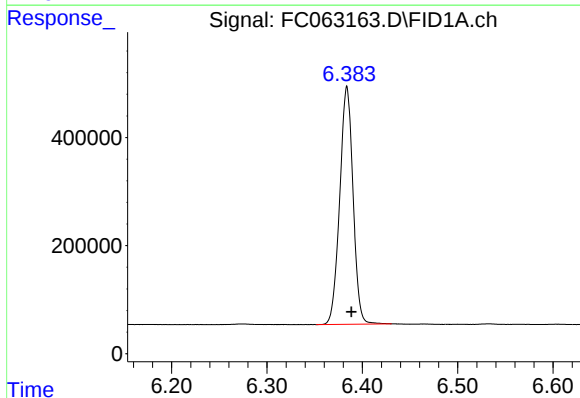
R.T.: 3.296 min
Delta R.T.: -0.004 min
Response: 3196765
Conc: 26.96 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-1



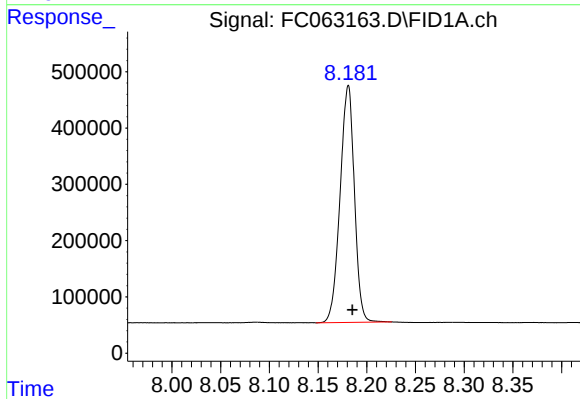
#2 n-Decane (C10)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 3845877
Conc: 33.35 ug/ml



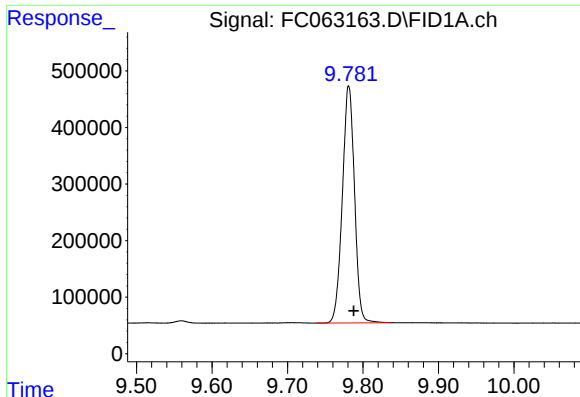
#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.005 min
Response: 4260227
Conc: 36.89 ug/ml



#6 n-Tetradecane (C14)

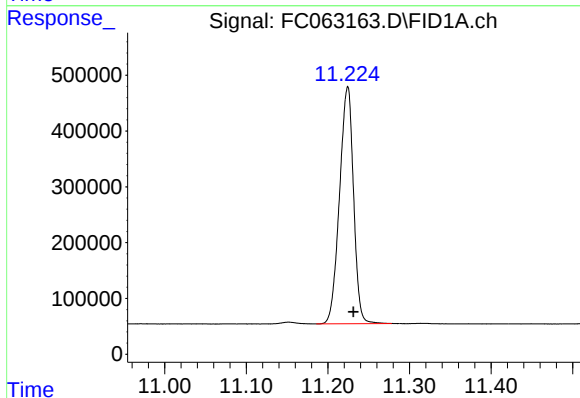
R.T.: 8.181 min
Delta R.T.: -0.004 min
Response: 4312978
Conc: 38.16 ug/ml



#7 n-Hexadecane (C16)

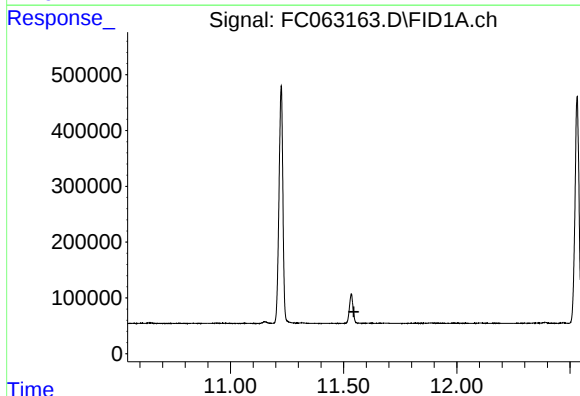
R.T.: 9.781 min
Delta R.T.: -0.007 min
Response: 4693801
Conc: 40.80 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-1



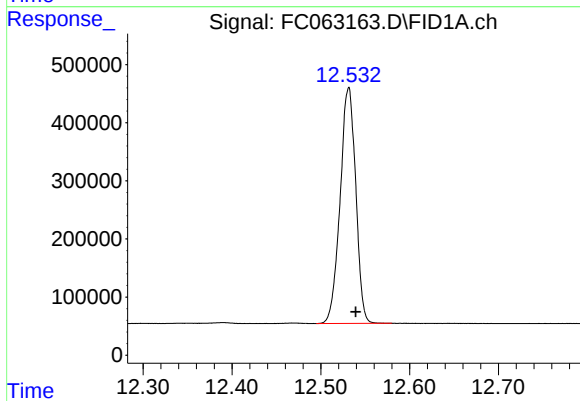
#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.007 min
Response: 5068334
Conc: 43.51 ug/ml



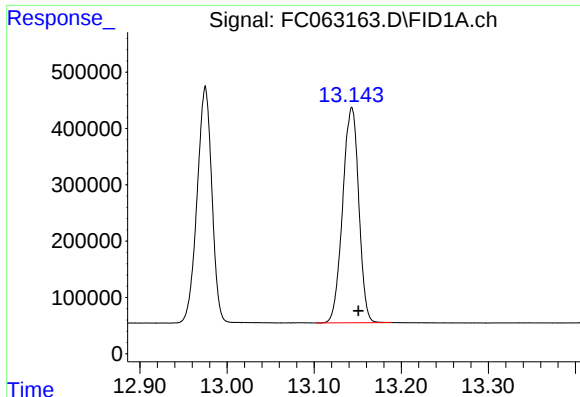
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.545 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

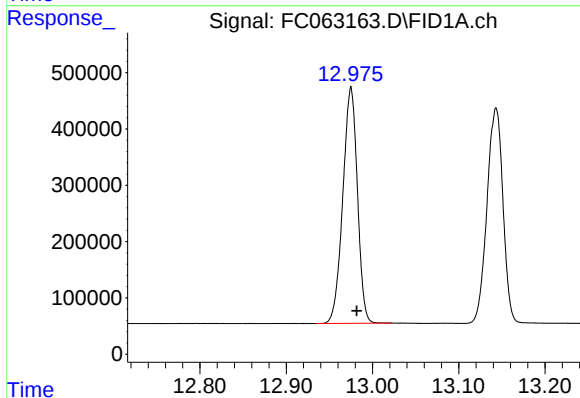
R.T.: 12.531 min
Delta R.T.: -0.008 min
Response: 4962858
Conc: 43.56 ug/ml



#11 n-Heneicosane (C21)

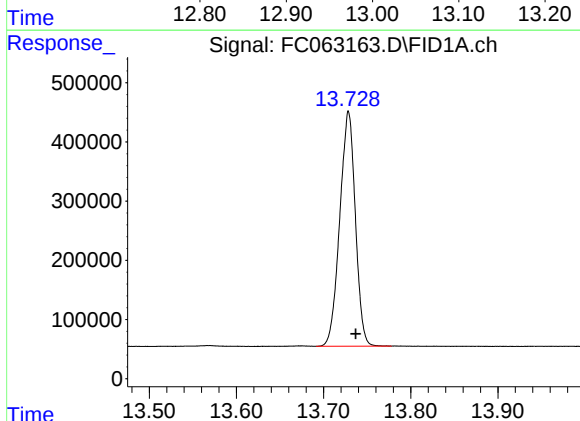
R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 4915494
Conc: 43.13 ug/ml

Instrument :
FID_C
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EPH CARTRIDGES-1



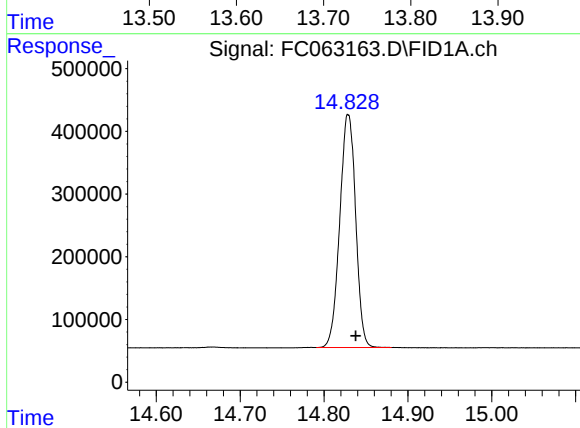
#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.007 min
Response: 4923208
Conc: 50.47 ug/ml



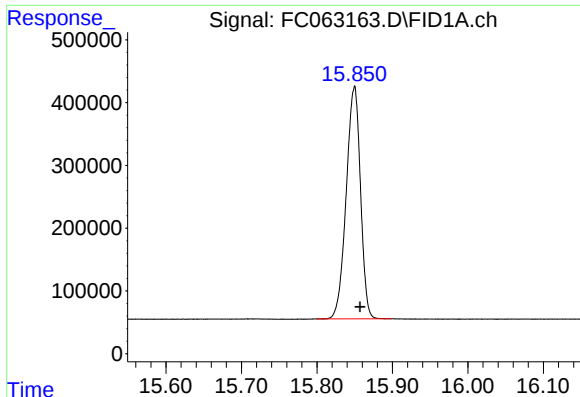
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 4928160
Conc: 43.70 ug/ml



#14 n-Tetracosane (C24)

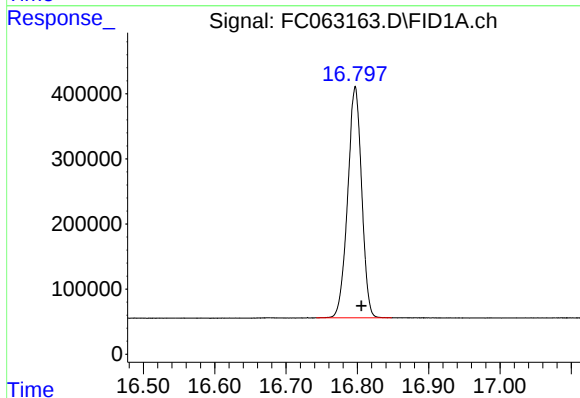
R.T.: 14.829 min
Delta R.T.: -0.009 min
Response: 4893548
Conc: 43.67 ug/ml



#15 n-Hexacosane (C26)

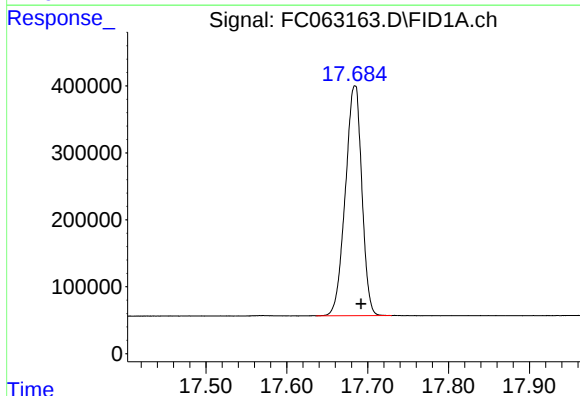
R.T.: 15.850 min
Delta R.T.: -0.008 min
Response: 4866442
Conc: 44.00 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-1



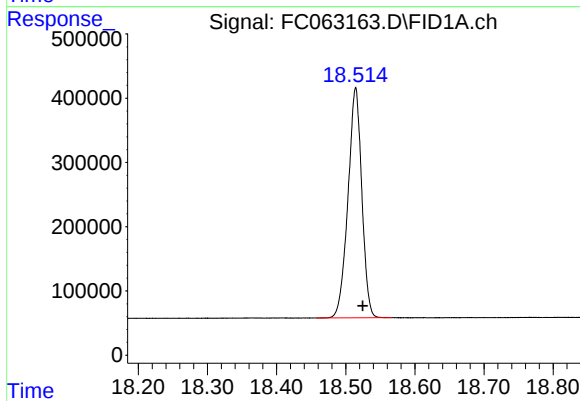
#16 n-Octacosane (C28)

R.T.: 16.797 min
Delta R.T.: -0.009 min
Response: 4838610
Conc: 43.97 ug/ml



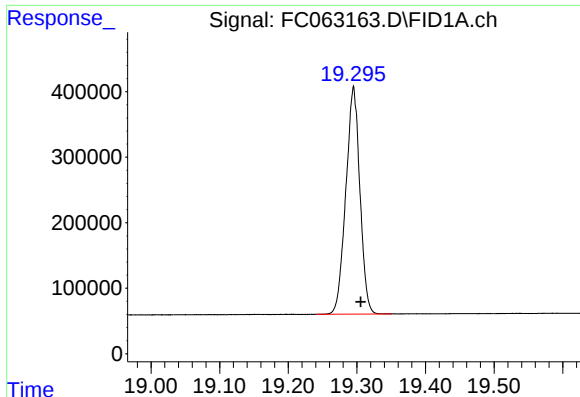
#17 n-Tricontane (C30)

R.T.: 17.684 min
Delta R.T.: -0.007 min
Response: 4868468
Conc: 44.21 ug/ml



#18 n-Dotriacontane (C32)

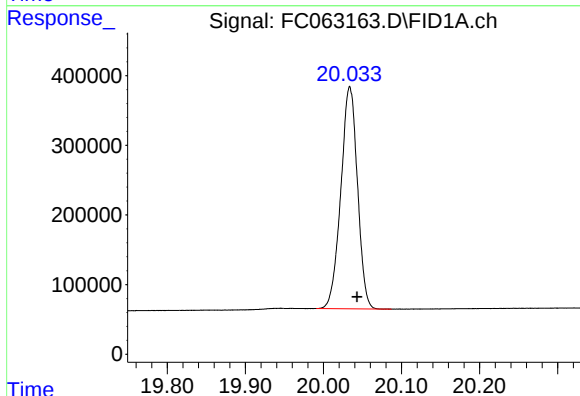
R.T.: 18.514 min
Delta R.T.: -0.010 min
Response: 4969048
Conc: 44.52 ug/ml



#19 n-Tetratriacontane (C34)

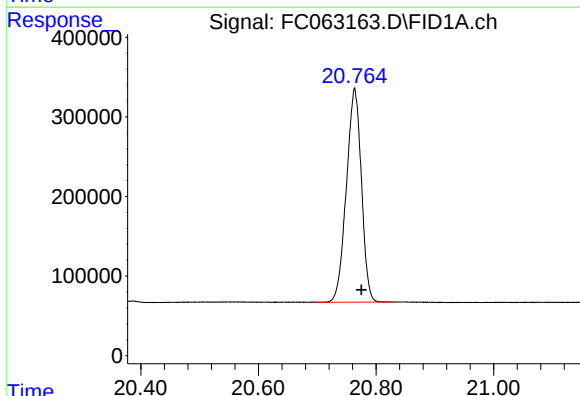
R.T.: 19.295 min
Delta R.T.: -0.010 min
Response: 4938067
Conc: 44.18 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES-1



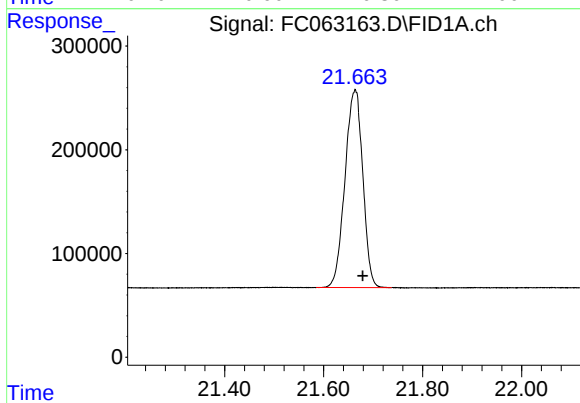
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.009 min
Response: 4726799
Conc: 43.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.764 min
Delta R.T.: -0.012 min
Response: 4755100
Conc: 43.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.664 min
Delta R.T.: -0.015 min
Response: 4755835
Conc: 43.71 ug/ml