

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
 Data File : FC066532.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2024 11:54
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #1
 Misc : E3757
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #1

Integration File: autoint1.e
 Quant Time: Jun 06 04:41:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052824.M
 Quant Title : GC Extractables
 QLast Update : Tue May 28 12:26:07 2024
 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...	12.997	4641883	40.622 ug/ml
Spiked Amount 50.000		Recovery =	81.24%
Target Compounds			
1) T n-Nonane (C9)	3.310	3448580	24.641 ug/ml
2) T n-Decane (C10)	4.379	4336642	30.140 ug/ml
4) T n-Dodecane (C12)	6.401	4770833	33.132 ug/ml
6) T n-Tetradecane (C14)	8.198	5423015	38.414 ug/ml
7) T n-Hexadecane (C16)	9.801	6143107	42.745 ug/ml
8) T n-Octadecane (C18)	11.244	6764741	47.271 ug/ml
10) T n-Eicosane (C20)	12.554	6994789	51.408 ug/ml
11) T n-Heneicosane (C21)	13.166	6774904	50.823 ug/ml
13) T n-Docosane (C22)	13.753	6736545	51.112 ug/ml
14) T n-Tetracosane (C24)	14.856	6626157	50.902 ug/ml
15) T n-Hexacosane (C26)	15.878	6453463	50.743 ug/ml
16) T n-Octacosane (C28)	16.827	6287294	50.643 ug/ml
17) T n-Tricontane (C30)	17.714	6232544	49.454 ug/ml
18) T n-Dotriacontane (C32)	18.547	6166966	50.106 ug/ml
19) T n-Tetratriacontane (C34)	19.331	6074761	50.655 ug/ml
20) T n-Hexatriacontane (C36)	20.070	6012682	49.628 ug/ml
21) T n-Octatriacontane (C38)	20.805	5939181	51.341 ug/ml
22) T n-Tetracontane (C40)	21.716	5664559	46.243 ug/ml

(f)=RT Delta > 1/2 Window

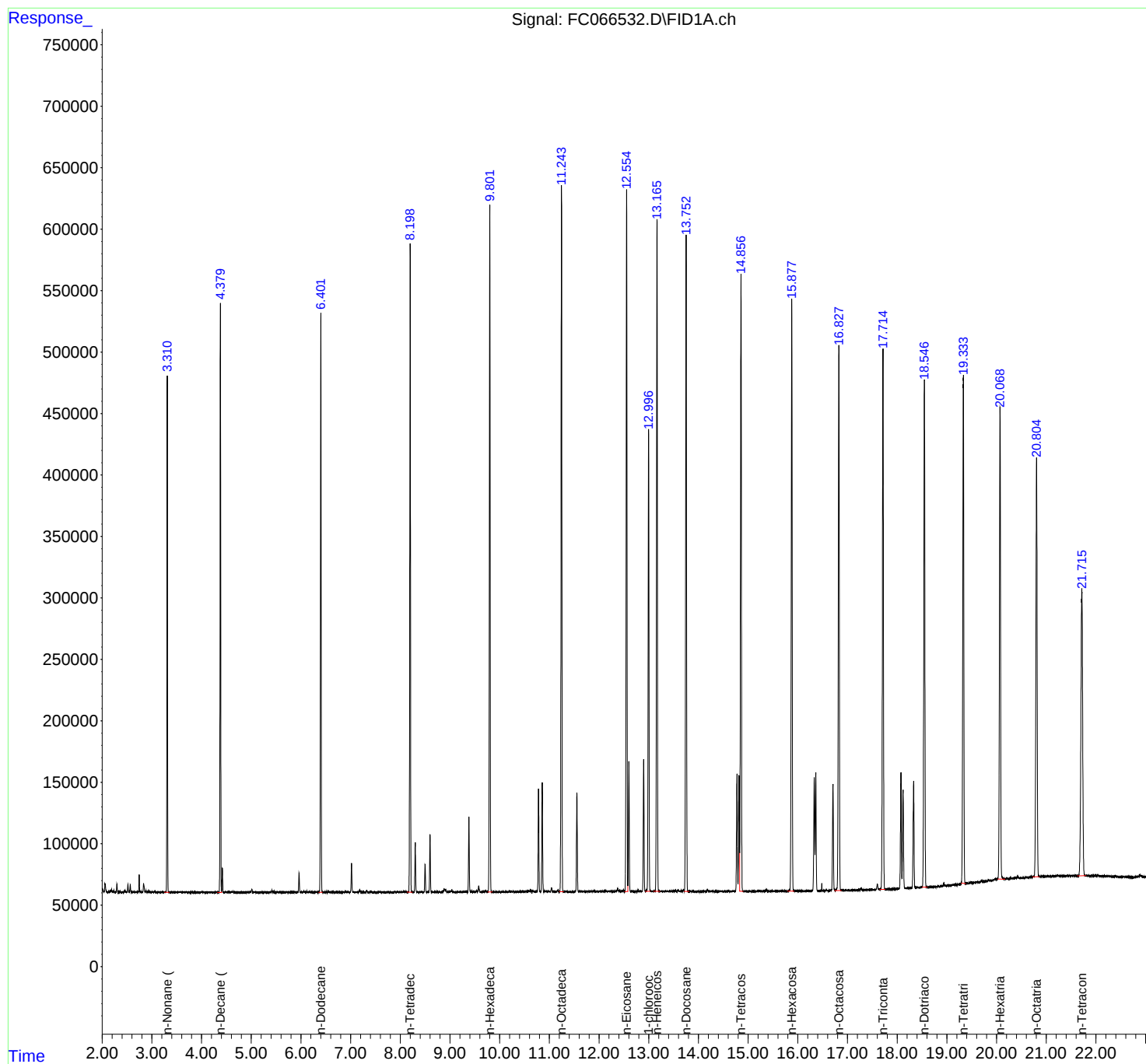
(m)=manual int.

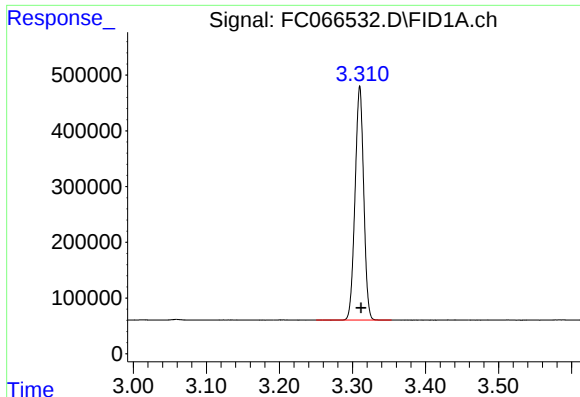
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060524AL\
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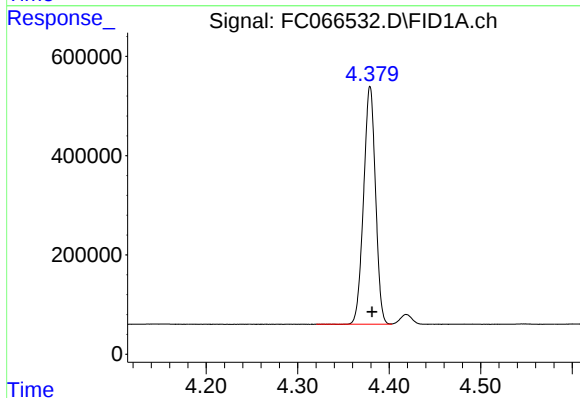




#1 n-Nonane (C9)

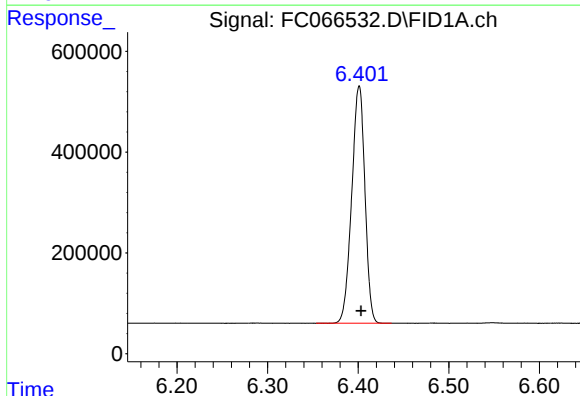
R.T.: 3.310 min
Delta R.T.: -0.002 min
Response: 3448580
Conc: 24.64 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #1



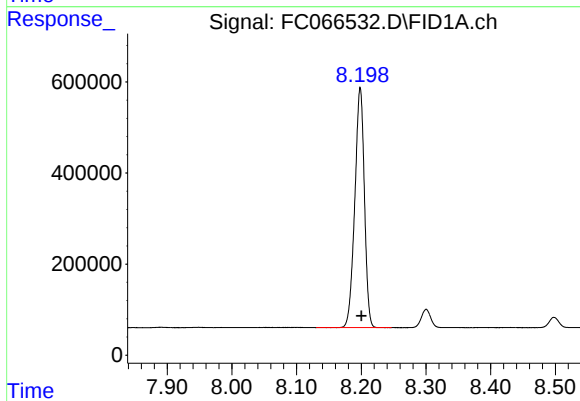
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: -0.002 min
Response: 4336642
Conc: 30.14 ug/ml



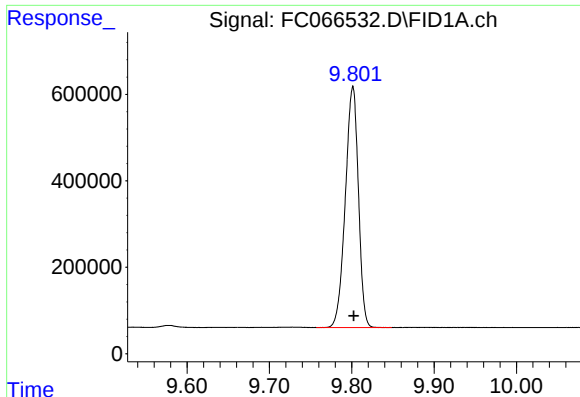
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.002 min
Response: 4770833
Conc: 33.13 ug/ml



#6 n-Tetradecane (C14)

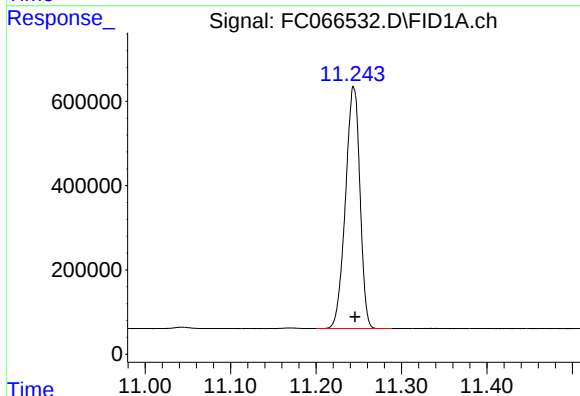
R.T.: 8.198 min
Delta R.T.: -0.002 min
Response: 5423015
Conc: 38.41 ug/ml



#7 n-Hexadecane (C16)

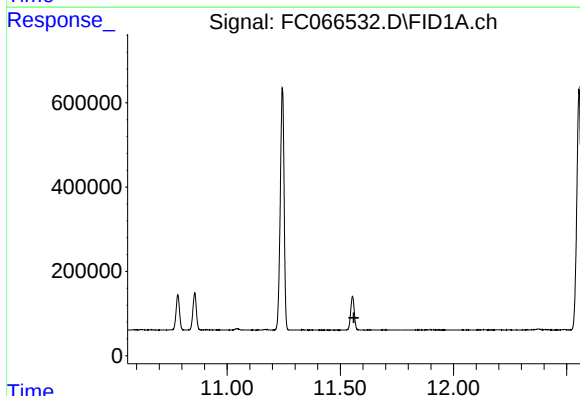
R.T.: 9.801 min
Delta R.T.: -0.002 min
Response: 6143107
Conc: 42.74 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #1



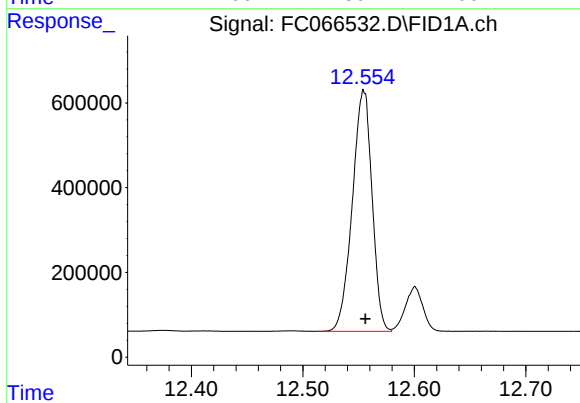
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.002 min
Response: 6764741
Conc: 47.27 ug/ml



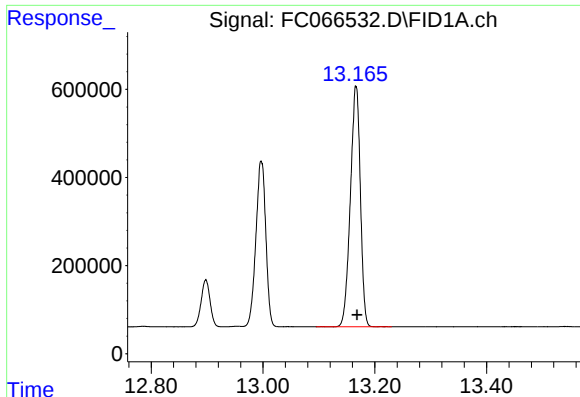
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.560 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

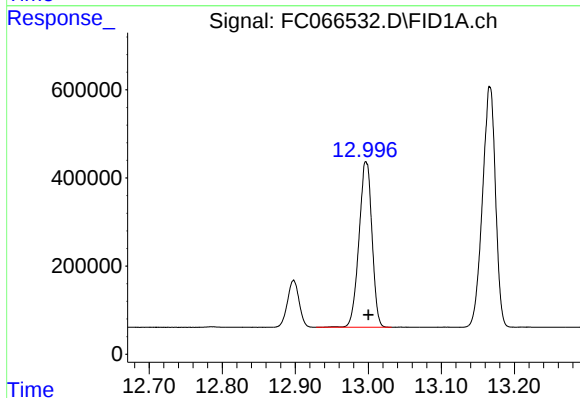
R.T.: 12.554 min
Delta R.T.: -0.002 min
Response: 6994789
Conc: 51.41 ug/ml



#11 n-Heneicosane (C21)

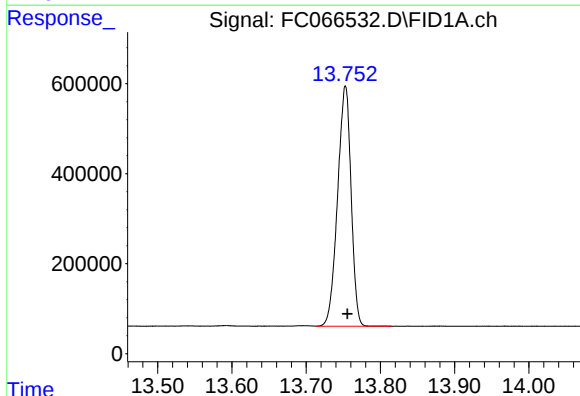
R.T.: 13.166 min
Delta R.T.: -0.002 min
Response: 6774904
Conc: 50.82 ug/ml

Instrument :
FID_C
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EPH CARTRIDGES #1



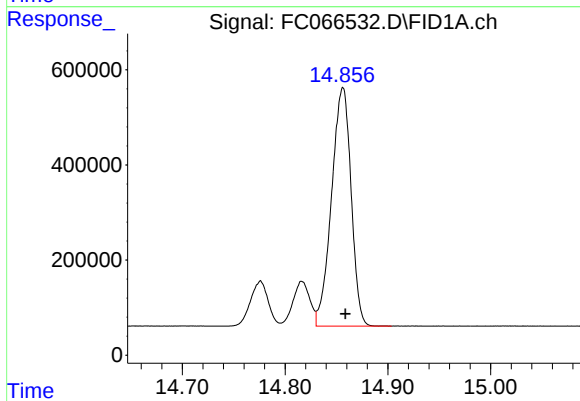
#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: -0.003 min
Response: 4641883
Conc: 40.62 ug/ml



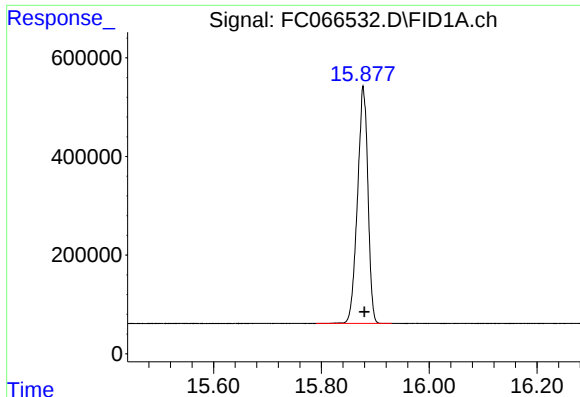
#13 n-Docosane (C22)

R.T.: 13.753 min
Delta R.T.: -0.003 min
Response: 6736545
Conc: 51.11 ug/ml



#14 n-Tetracosane (C24)

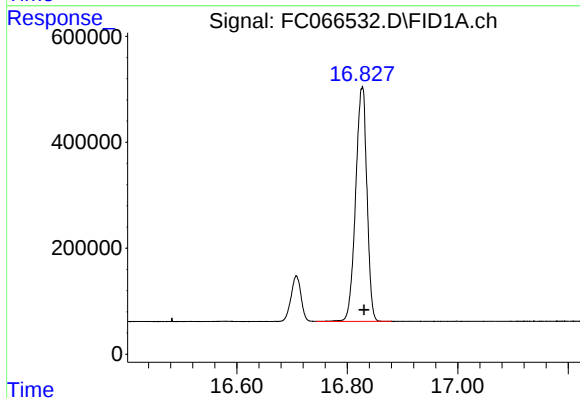
R.T.: 14.856 min
Delta R.T.: -0.003 min
Response: 6626157
Conc: 50.90 ug/ml



#15 n-Hexacosane (C26)

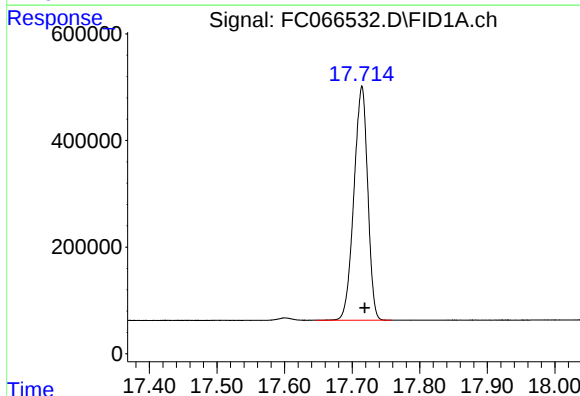
R.T.: 15.878 min
Delta R.T.: -0.002 min
Response: 6453463
Conc: 50.74 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #1



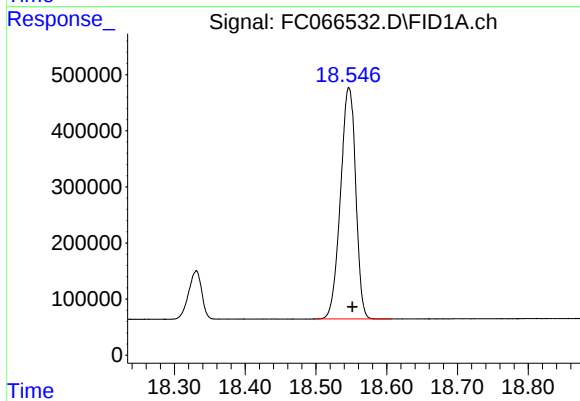
#16 n-Octacosane (C28)

R.T.: 16.827 min
Delta R.T.: -0.003 min
Response: 6287294
Conc: 50.64 ug/ml



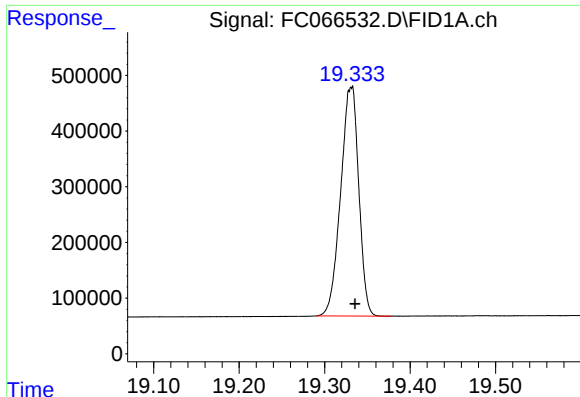
#17 n-Tricontane (C30)

R.T.: 17.714 min
Delta R.T.: -0.005 min
Response: 6232544
Conc: 49.45 ug/ml



#18 n-Dotriacontane (C32)

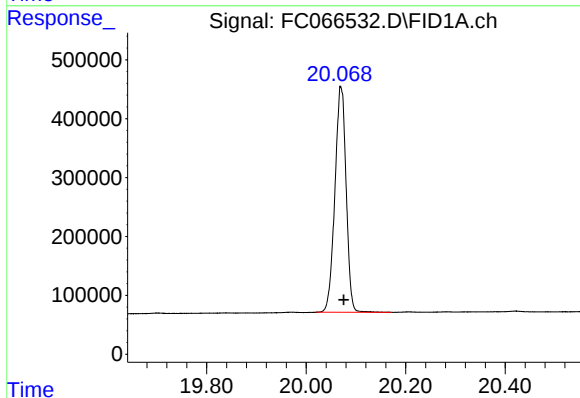
R.T.: 18.547 min
Delta R.T.: -0.005 min
Response: 6166966
Conc: 50.11 ug/ml



#19 n-Tetratriacontane (C34)

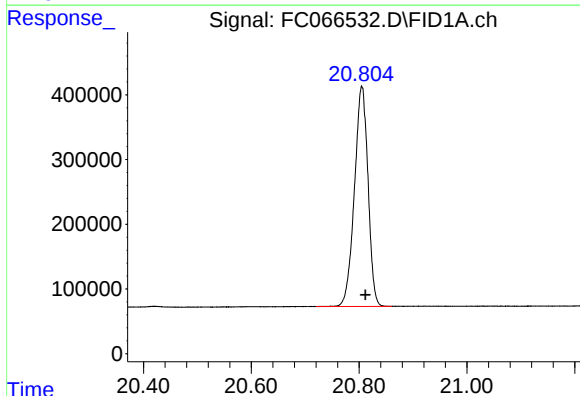
R.T.: 19.331 min
Delta R.T.: -0.005 min
Response: 6074761
Conc: 50.65 ug/ml

Instrument :
FID_C
ClientSampleId :
EPH CARTRIDGES #1



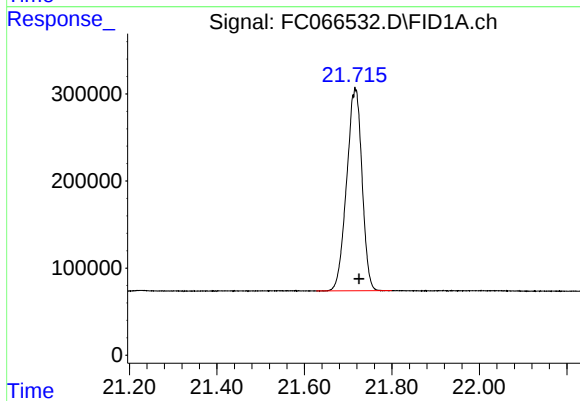
#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: -0.005 min
Response: 6012682
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: -0.007 min
Response: 5939181
Conc: 51.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.716 min
Delta R.T.: -0.009 min
Response: 5664559
Conc: 46.24 ug/ml