

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060528.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 13:52
 Operator : YP/AJ
 Sample : N3214-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 01 04:59:38 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 2022
 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			
9) S ortho-Terphenyl (SURR)	10.640	495735	2.705 ug/ml
Spiked Amount 50.000		Recovery =	5.41%
12) S 1-chlorooctadecane (S...	12.000	5859643	39.755 ug/ml
Spiked Amount 50.000		Recovery =	79.51%
Target Compounds			
1) T n-Nonane (C9)	2.635	423207	2.759 ug/ml
2) T n-Decane (C10)	3.630	566665	3.711 ug/ml
4) T n-Dodecane (C12)	5.574	1002936	6.206 ug/ml
6) T n-Tetradecane (C14)	7.323	821368	4.972 ug/ml
7) T n-Hexadecane (C16)	8.882	828562	4.903 ug/ml
8) T n-Octadecane (C18)	10.286	929505	5.403 ug/ml
10) T n-Eicosane (C20)	11.563	1024583	6.003 ug/ml
11) T n-Heneicosane (C21)	12.159	1006071	5.901 ug/ml
13) T n-Docosane (C22)	12.730	1312095	7.697 ug/ml
14) T n-Tetracosane (C24)	13.807	1410386	8.400 ug/ml
15) T n-Hexacosane (C26)	14.804	1453342	8.844 ug/ml
16) T n-Octacosane (C28)	15.728	1577924	9.944 ug/ml
17) T n-Tricontane (C30)	16.595	1612828	10.595 ug/ml
18) T n-Dotriacontane (C32)	17.406	1433511	9.861 ug/ml
19) T n-Tetratriacontane (C34)	18.170	1060096	8.347 ug/ml
20) T n-Hexatriacontane (C36)	18.891	781653	6.965 ug/ml
21) T n-Octatriacontane (C38)	19.572	678909	6.202 ug/ml
22) T n-Tetracontane (C40)	20.218	634484	5.618 ug/ml

(f)=RT Delta > 1/2 Window

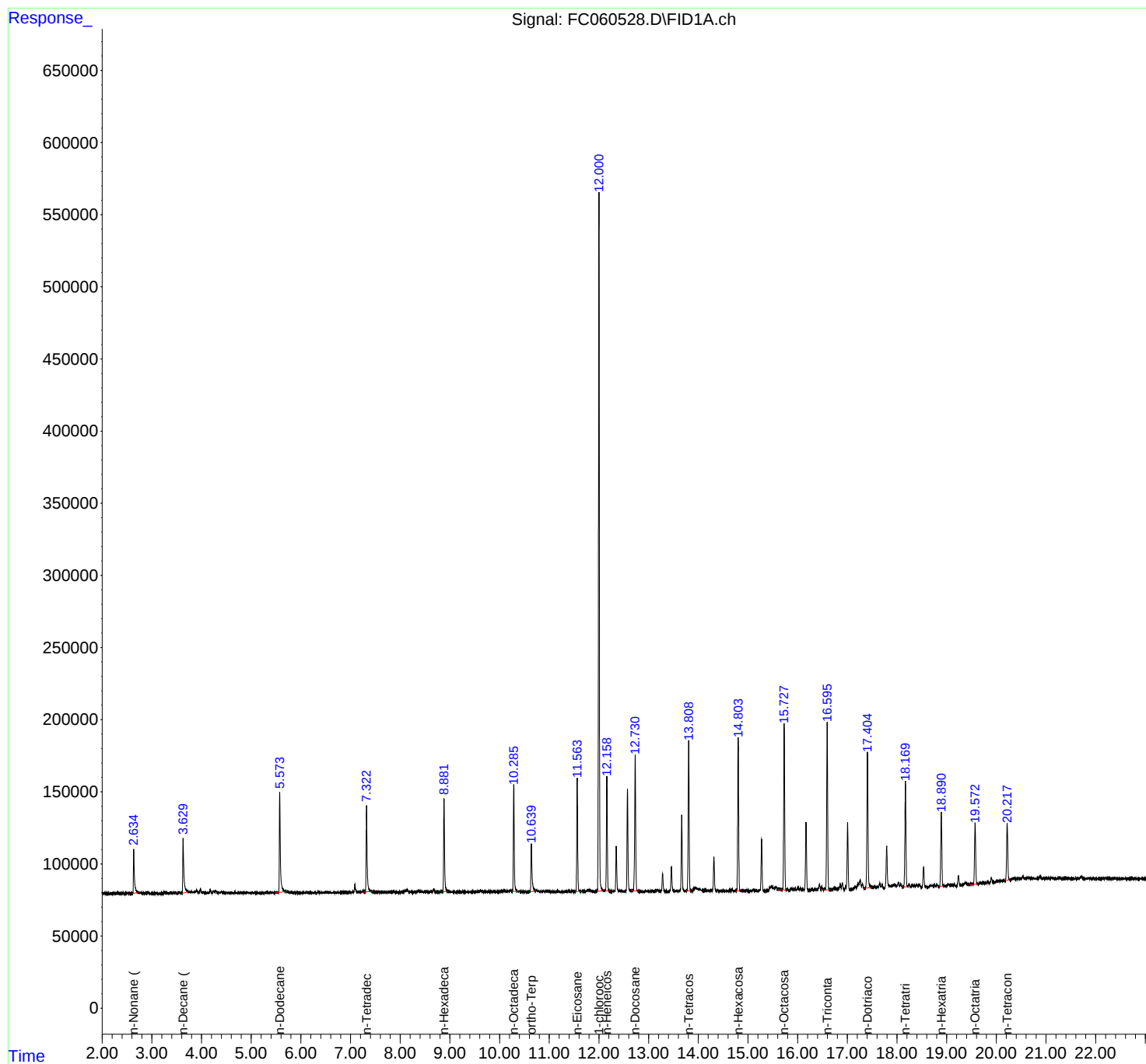
(m)=manual int.

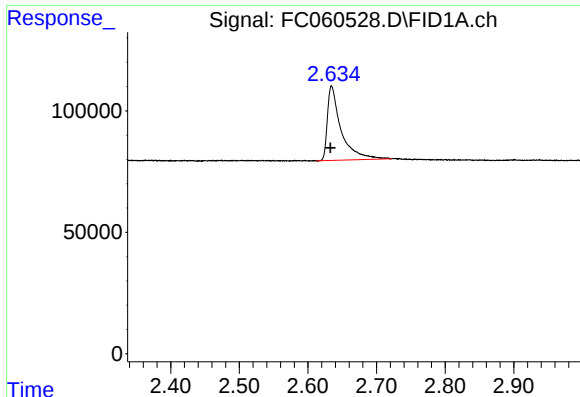
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
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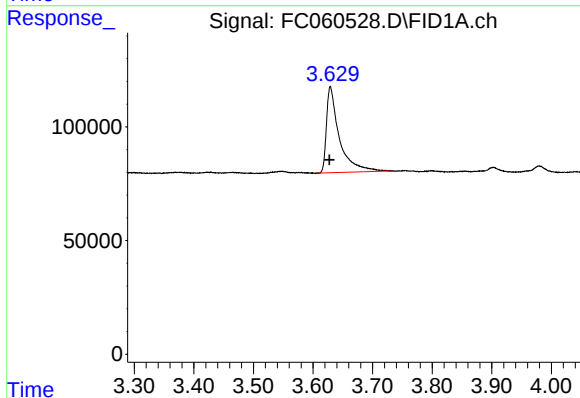




#1 n-Nonane (C9)

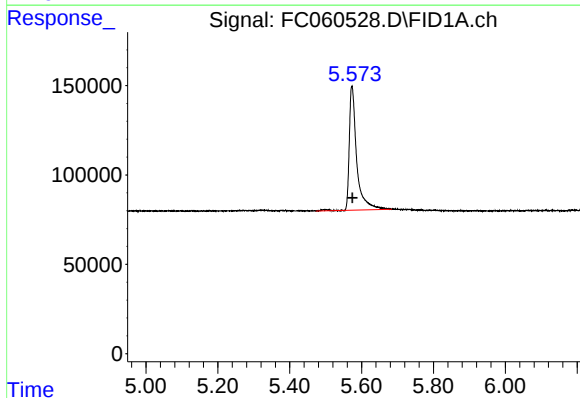
R.T.: 2.635 min
Delta R.T.: 0.002 min
Response: 423207
Conc: 2.76 ug/ml

Instrument :
FID_C
ClientSampleId :



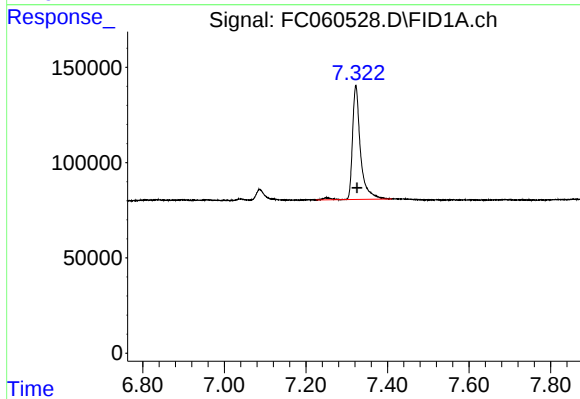
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: 0.003 min
Response: 566665
Conc: 3.71 ug/ml



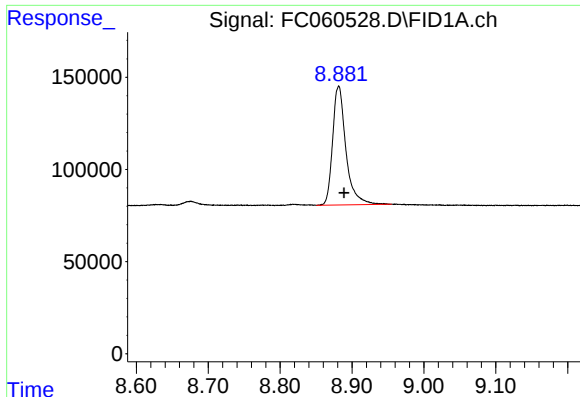
#4 n-Dodecane (C12)

R.T.: 5.574 min
Delta R.T.: 0.000 min
Response: 1002936
Conc: 6.21 ug/ml



#6 n-Tetradecane (C14)

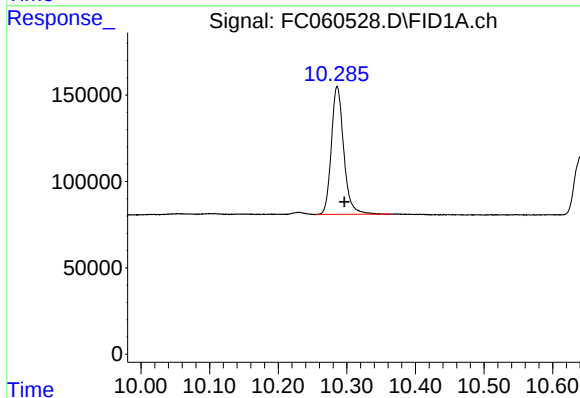
R.T.: 7.323 min
Delta R.T.: -0.003 min
Response: 821368
Conc: 4.97 ug/ml



#7 n-Hexadecane (C16)

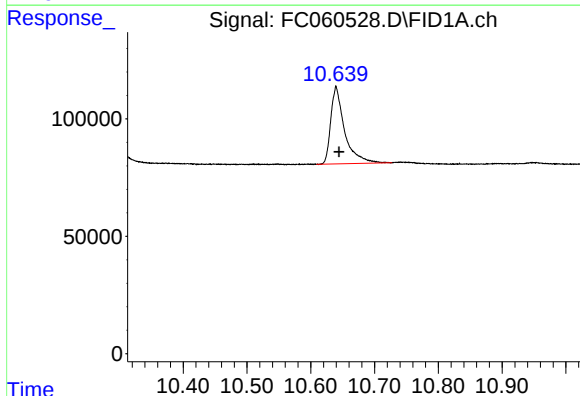
R.T.: 8.882 min
Delta R.T.: -0.007 min
Response: 828562
Conc: 4.90 ug/ml

Instrument :
FID_C
ClientSampleId :



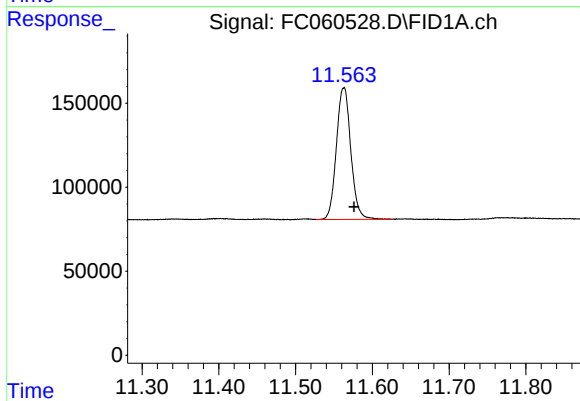
#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: -0.010 min
Response: 929505
Conc: 5.40 ug/ml



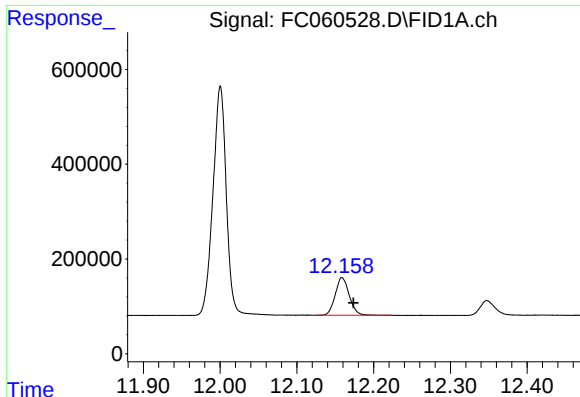
#9 ortho-Terphenyl (SURR)

R.T.: 10.640 min
Delta R.T.: -0.005 min
Response: 495735
Conc: 2.71 ug/ml



#10 n-Eicosane (C20)

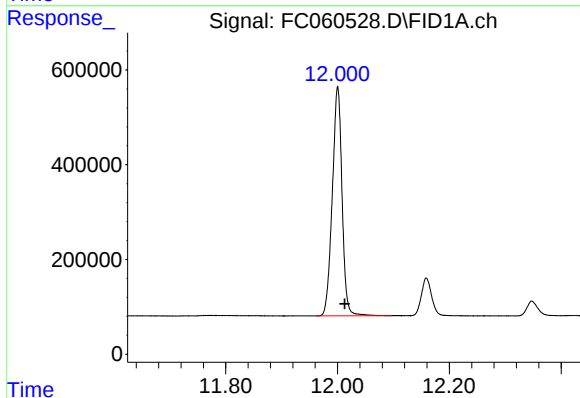
R.T.: 11.563 min
Delta R.T.: -0.013 min
Response: 1024583
Conc: 6.00 ug/ml



#11 n-Heneicosane (C21)

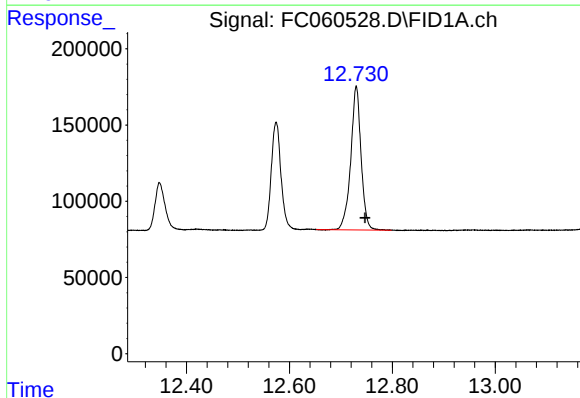
R.T.: 12.159 min
Delta R.T.: -0.015 min
Response: 1006071
Conc: 5.90 ug/ml

Instrument :
FID_C
ClientSampleId :



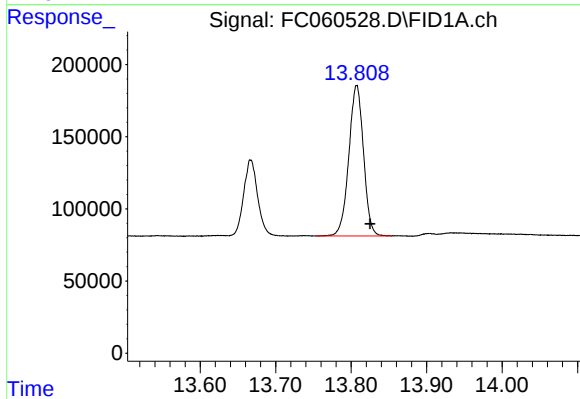
#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.012 min
Response: 5859643
Conc: 39.75 ug/ml



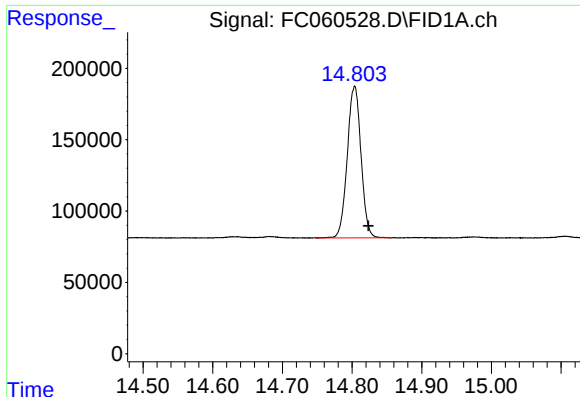
#13 n-Docosane (C22)

R.T.: 12.730 min
Delta R.T.: -0.017 min
Response: 1312095
Conc: 7.70 ug/ml



#14 n-Tetracosane (C24)

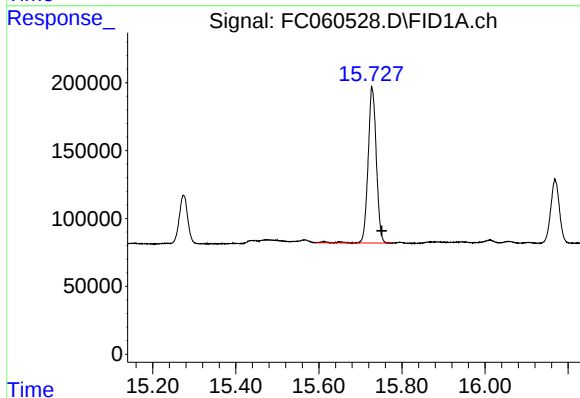
R.T.: 13.807 min
Delta R.T.: -0.018 min
Response: 1410386
Conc: 8.40 ug/ml



#15 n-Hexacosane (C26)

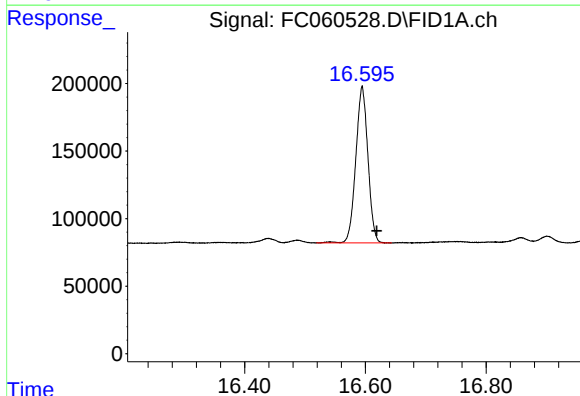
R.T.: 14.804 min
Delta R.T.: -0.020 min
Response: 1453342
Conc: 8.84 ug/ml

Instrument :
FID_C
ClientSampleId :



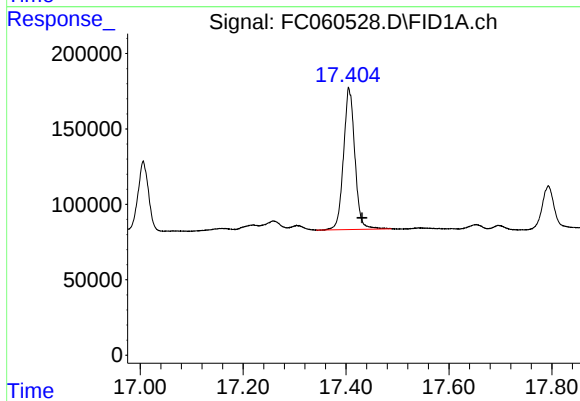
#16 n-Octacosane (C28)

R.T.: 15.728 min
Delta R.T.: -0.023 min
Response: 1577924
Conc: 9.94 ug/ml



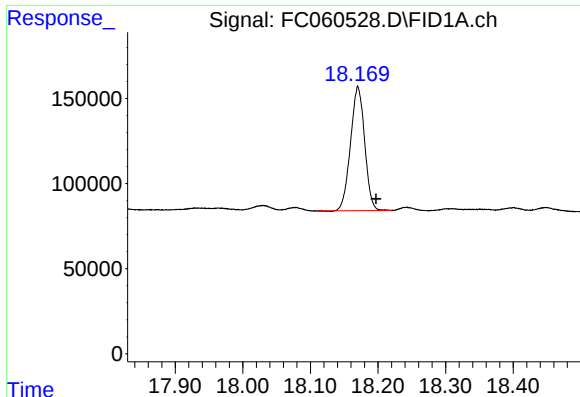
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: -0.024 min
Response: 1612828
Conc: 10.60 ug/ml



#18 n-Dotriacontane (C32)

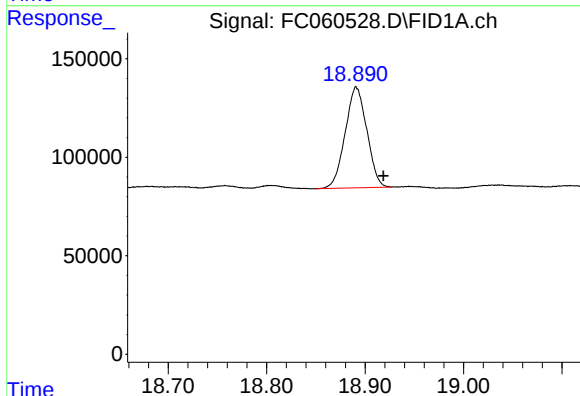
R.T.: 17.406 min
Delta R.T.: -0.025 min
Response: 1433511
Conc: 9.86 ug/ml



#19 n-Tetratriacontane (C34)

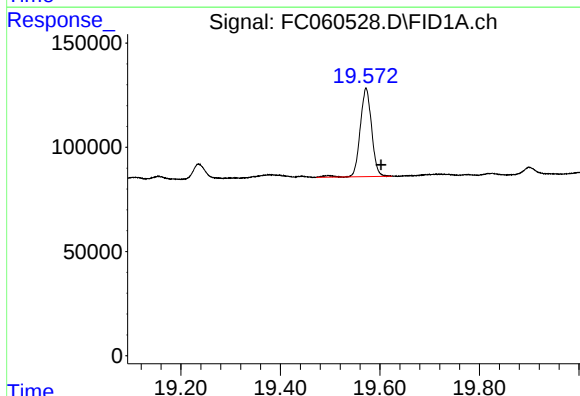
R.T.: 18.170 min
Delta R.T.: -0.027 min
Response: 1060096
Conc: 8.35 ug/ml

Instrument :
FID_C
ClientSampleId :



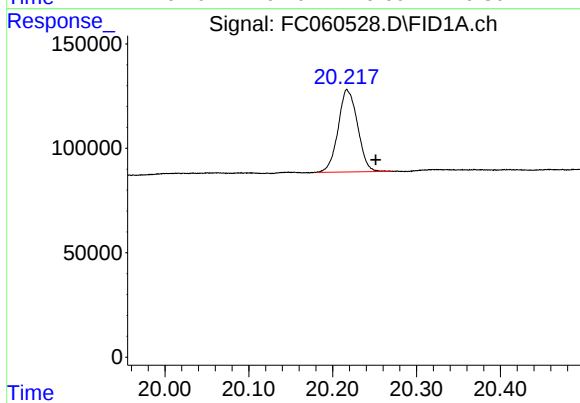
#20 n-Hexatriacontane (C36)

R.T.: 18.891 min
Delta R.T.: -0.028 min
Response: 781653
Conc: 6.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.572 min
Delta R.T.: -0.030 min
Response: 678909
Conc: 6.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.218 min
Delta R.T.: -0.034 min
Response: 634484
Conc: 5.62 ug/ml