

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050263.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2024 01:27
 Operator : YP\AJ
 Sample : P4104-29
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 03:48:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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			
9) S ortho-Terphenyl (SURR)	11.829	4269583	28.697 ug/ml
Spiked Amount 50.000		Recovery =	57.39%
12) S 1-chlorooctadecane (S...	13.309	5127687	45.650 ug/ml
Spiked Amount 50.000		Recovery =	91.30%
Target Compounds			
1) T n-Nonane (C9)	3.274	107714	0.795 ug/ml
2) T n-Decane (C10)	4.522	69020	0.500 ug/ml
3) T A~Naphthalene (C11.7)	6.233	1313943	9.387 ug/ml
4) T n-Dodecane (C12)	6.715	717103	5.186 ug/ml
5) T A~2-methylnaphthalene...	7.312	3210404	24.425 ug/ml
6) T n-Tetradecane (C14)	8.517	772563	5.673 ug/ml
7) T n-Hexadecane (C16)	10.122	1114777	8.026 ug/ml
8) T n-Octadecane (C18)	11.555	1939206	13.841 ug/ml
10) T n-Eicosane (C20)	12.865	762830	5.687 ug/ml
11) T n-Heneicosane (C21)	13.475	232990	1.773 ug/ml
13) T n-Docosane (C22)	14.053	188587	1.448 ug/ml
14) T n-Tetracosane (C24)	15.154	156981	1.202 ug/ml
15) T n-Hexacosane (C26)	16.179	122941	0.961 ug/ml
16) T n-Octacosane (C28)	17.142	798854	6.202 ug/ml
17) T n-Tricontane (C30)	18.003	605811	4.530 ug/ml
18) T n-Dotriacontane (C32)	18.842	70761	0.531 ug/ml
19) T n-Tetratriacontane (C34)	19.647	365185	2.956 ug/ml
20) T n-Hexatriacontane (C36)	20.361	92509	0.834 ug/ml

(f)=RT Delta > 1/2 Window

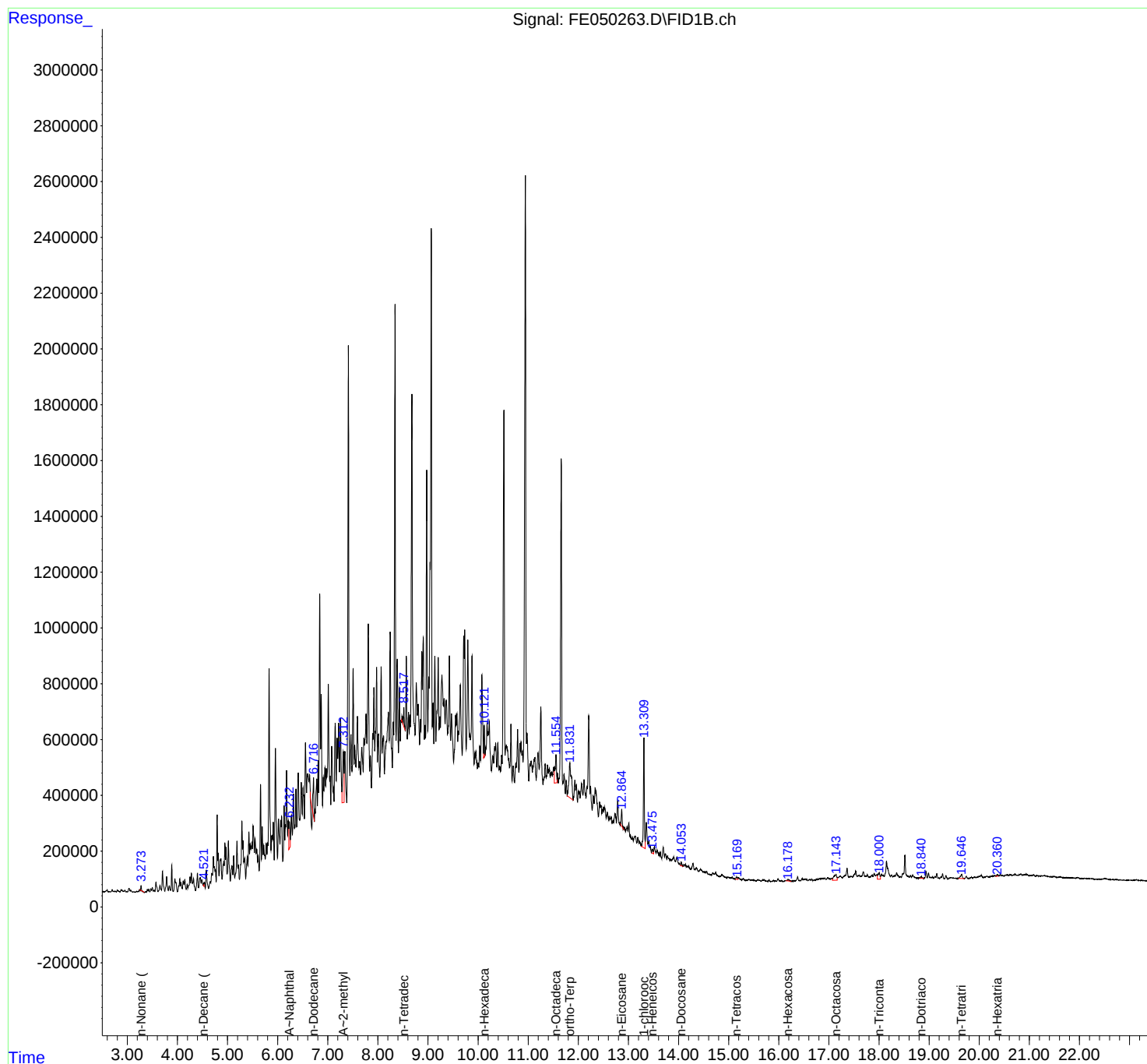
(m)=manual int.

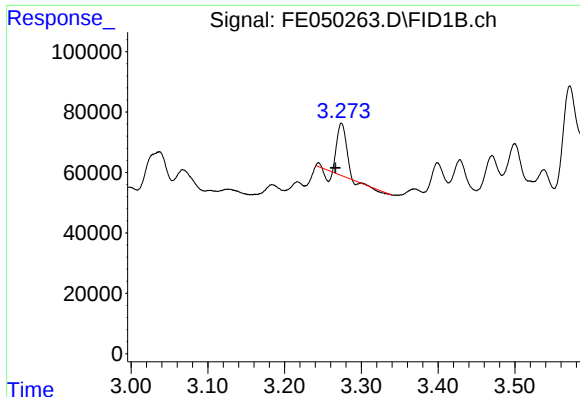
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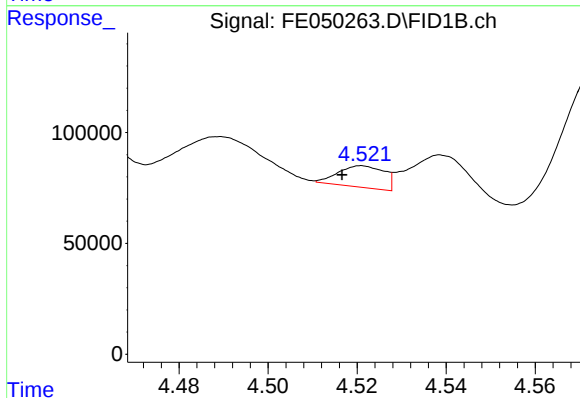




#1 n-Nonane (C9)

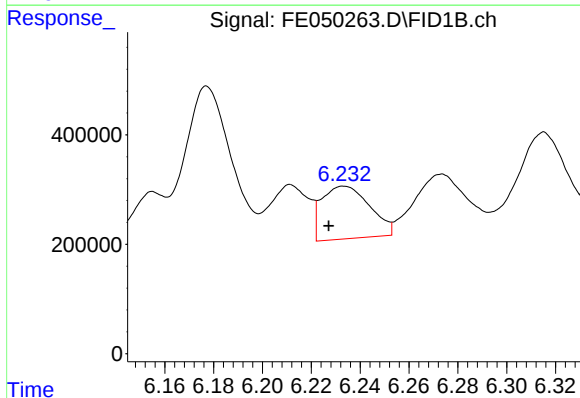
R.T.: 3.274 min
Delta R.T.: 0.008 min
Response: 107714
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :



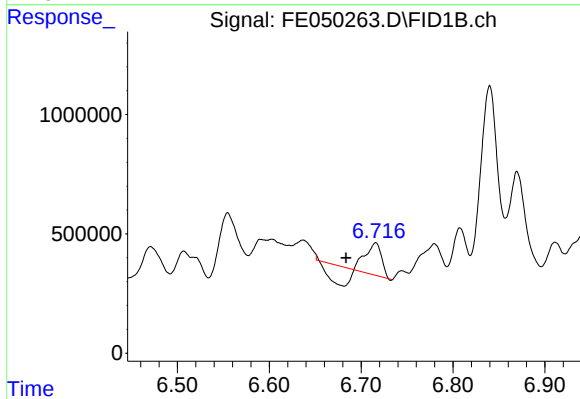
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.005 min
Response: 69020
Conc: 0.50 ug/ml



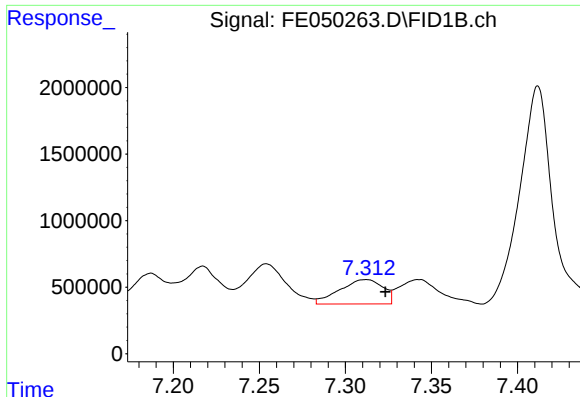
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: 0.006 min
Response: 1313943
Conc: 9.39 ug/ml



#4 n-Dodecane (C12)

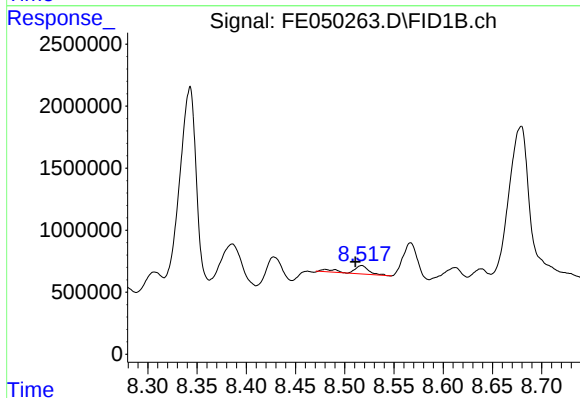
R.T.: 6.715 min
Delta R.T.: 0.032 min
Response: 717103
Conc: 5.19 ug/ml



#5 A~2-methylnaphthalene (C12.89)

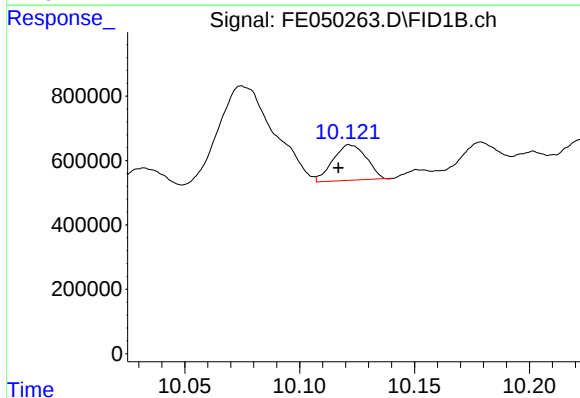
R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 3210404
Conc: 24.43 ug/ml

Instrument :
FID_E
ClientSampleId :



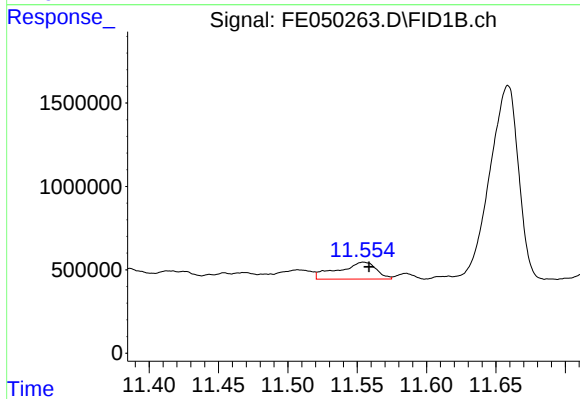
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: 0.006 min
Response: 772563
Conc: 5.67 ug/ml



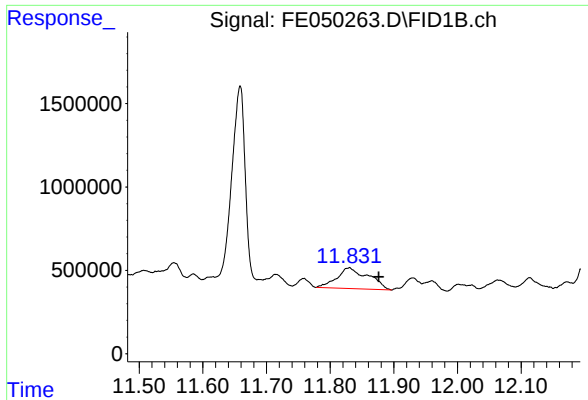
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: 0.005 min
Response: 1114777
Conc: 8.03 ug/ml



#8 n-Octadecane (C18)

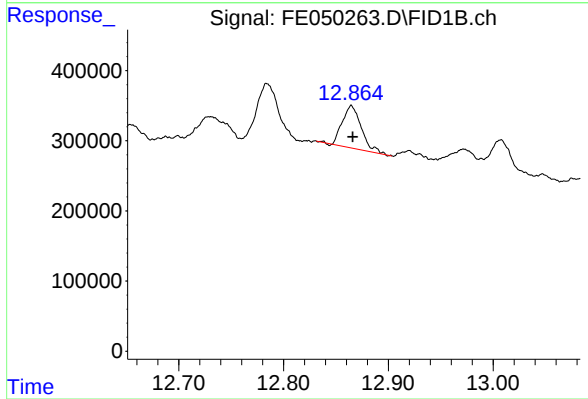
R.T.: 11.555 min
Delta R.T.: -0.004 min
Response: 1939206
Conc: 13.84 ug/ml



#9 ortho-Terphenyl (SURR)

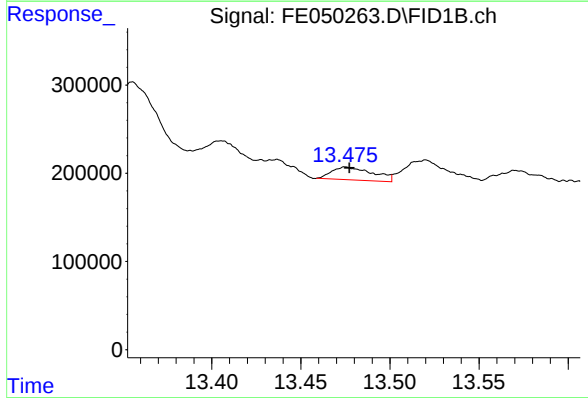
R.T.: 11.829 min
Delta R.T.: -0.047 min
Response: 4269583
Conc: 28.70 ug/ml

Instrument :
FID_E
ClientSampleId :



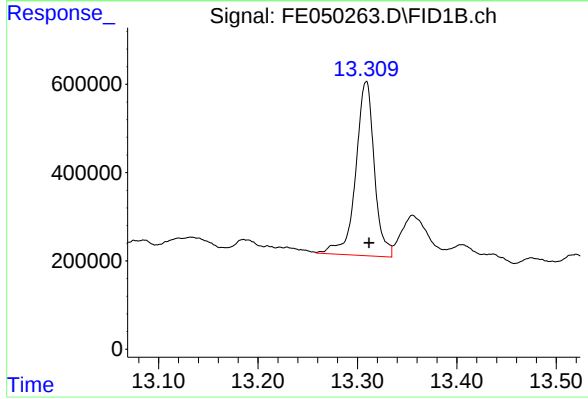
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.001 min
Response: 762830
Conc: 5.69 ug/ml



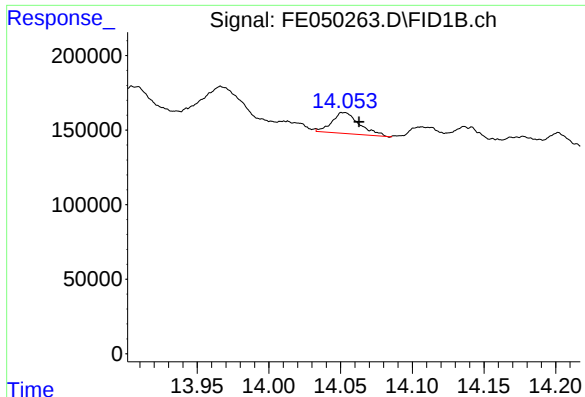
#11 n-Heneicosane (C21)

R.T.: 13.475 min
Delta R.T.: -0.002 min
Response: 232990
Conc: 1.77 ug/ml



#12 1-chlorooctadecane (SURR)

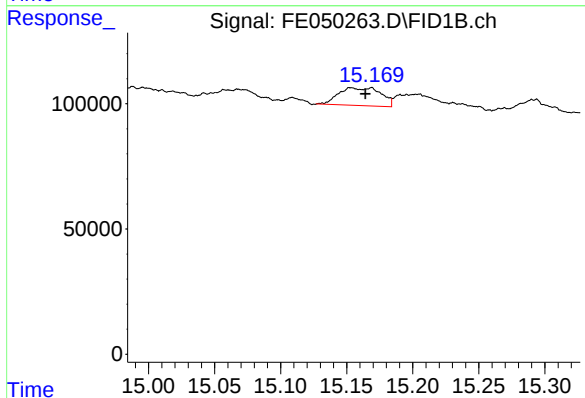
R.T.: 13.309 min
Delta R.T.: -0.003 min
Response: 5127687
Conc: 45.65 ug/ml



#13 n-Docosane (C22)

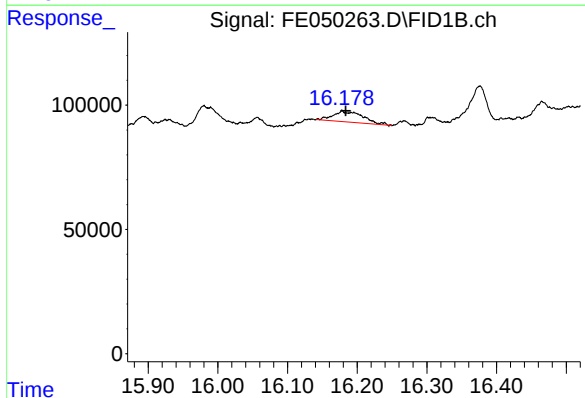
R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 188587
Conc: 1.45 ug/ml

Instrument :
FID_E
ClientSampleId :



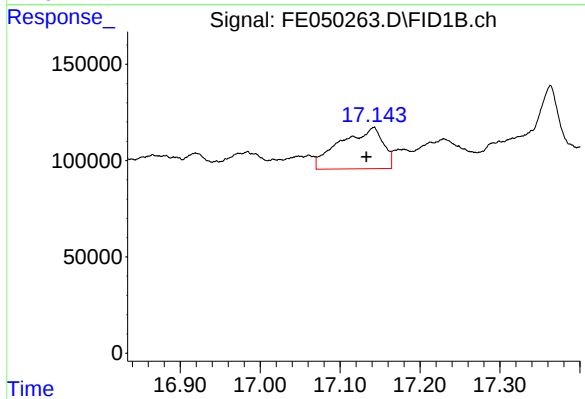
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.010 min
Response: 156981
Conc: 1.20 ug/ml



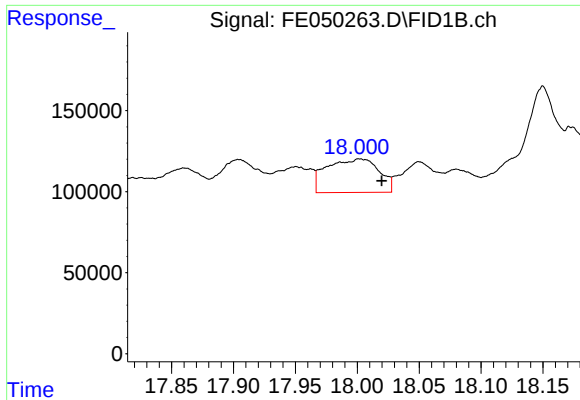
#15 n-Hexacosane (C26)

R.T.: 16.179 min
Delta R.T.: -0.005 min
Response: 122941
Conc: 0.96 ug/ml



#16 n-Octacosane (C28)

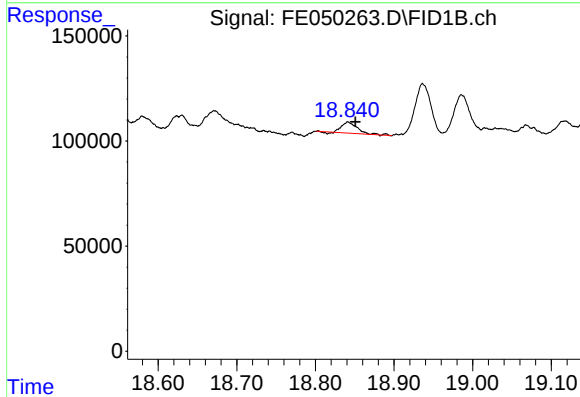
R.T.: 17.142 min
Delta R.T.: 0.008 min
Response: 798854
Conc: 6.20 ug/ml



#17 n-Tricontane (C30)

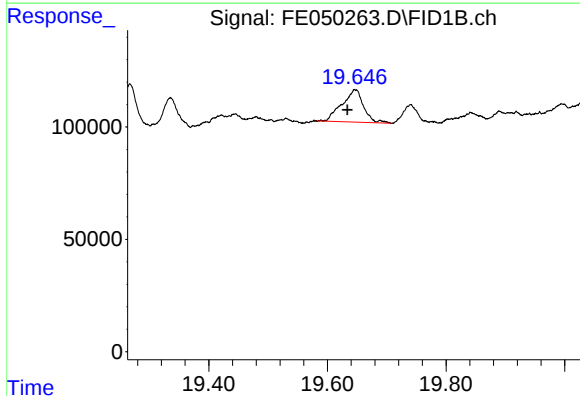
R.T.: 18.003 min
Delta R.T.: -0.017 min
Response: 605811
Conc: 4.53 ug/ml

Instrument :
FID_E
ClientSampleId :



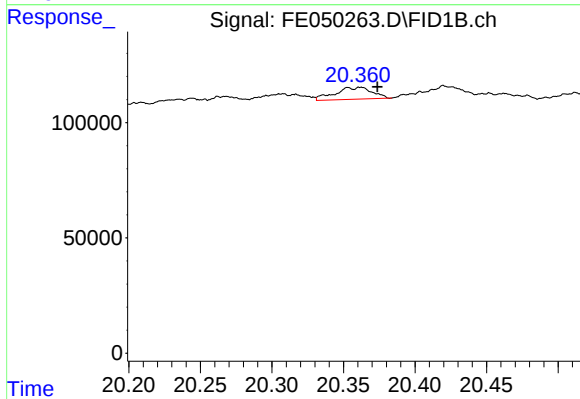
#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.010 min
Response: 70761
Conc: 0.53 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.647 min
Delta R.T.: 0.013 min
Response: 365185
Conc: 2.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.013 min
Response: 92509
Conc: 0.83 ug/ml