

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051624AL\
 Data File : FD047770.D
 Signal(s) : FID2B.ch
 Acq On : 16 May 2024 17:11
 Operator : YP/AJ
 Sample : PB160949BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160949BSD

Integration File: autoint1.e
 Quant Time: May 17 03:59:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.355	7186102	32.931 ug/ml
Spiked Amount 50.000		Recovery =	65.86%
12) S 1-chlorooctadecane (S...	12.793	5659198	34.729 ug/ml
Spiked Amount 50.000		Recovery =	69.46%
Target Compounds			
1) T n-Nonane (C9)	3.195	5970694	31.009 ug/ml
2) T n-Decane (C10)	4.244	6287390	31.758 ug/ml
3) T A~Naphthalene (C11.7)	5.798	7376950	33.875 ug/ml
4) T n-Dodecane (C12)	6.241	6231334	31.376 ug/ml
5) T A~2-methylnaphthalene...	6.846	7407916	35.314 ug/ml
6) T n-Tetradecane (C14)	8.026	6460933	33.080 ug/ml
7) T n-Hexadecane (C16)	9.617	6537738	32.576 ug/ml
8) T n-Octadecane (C18)	11.053	6534717	32.176 ug/ml
10) T n-Eicosane (C20)	12.355	6605375	33.835 ug/ml
11) T n-Heneicosane (C21)	12.963	6305885	32.783 ug/ml
13) T n-Docosane (C22)	13.546	6228498	32.732 ug/ml
14) T n-Tetracosane (C24)	14.644	6124430	32.574 ug/ml
15) T n-Hexacosane (C26)	15.662	5882584	32.474 ug/ml
16) T n-Octacosane (C28)	16.605	5688809	32.642 ug/ml
17) T n-Tricontane (C30)	17.489	5584385	32.001 ug/ml
18) T n-Dotriacontane (C32)	18.316	5463565	32.089 ug/ml
19) T n-Tetratriacontane (C34)	19.095	5364979	33.266 ug/ml
20) T n-Hexatriacontane (C36)	19.830	5132884	33.578 ug/ml
21) T n-Octatriacontane (C38)	20.531	5133908	34.916 ug/ml
22) T n-Tetracontane (C40)	21.338	4892292	34.495 ug/ml

(f)=RT Delta > 1/2 Window

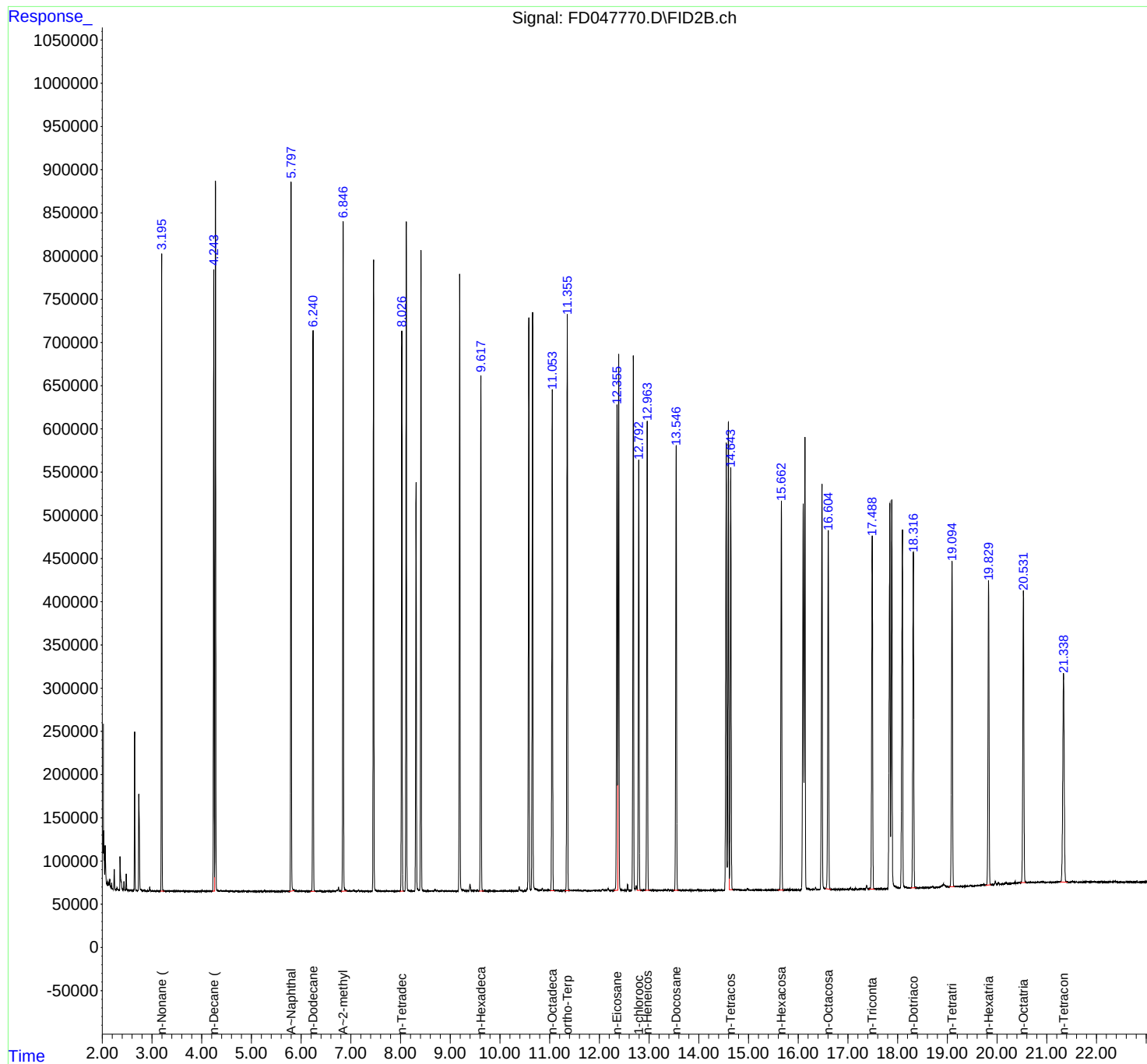
(m)=manual int.

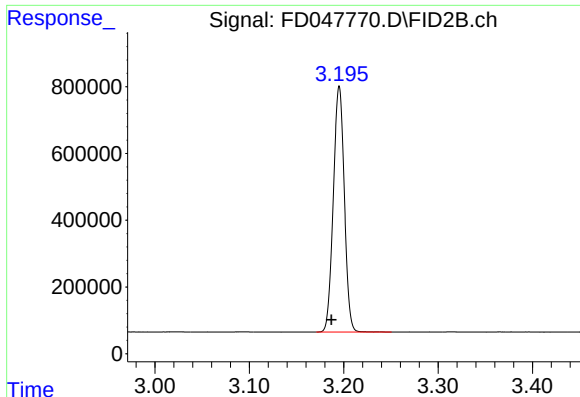
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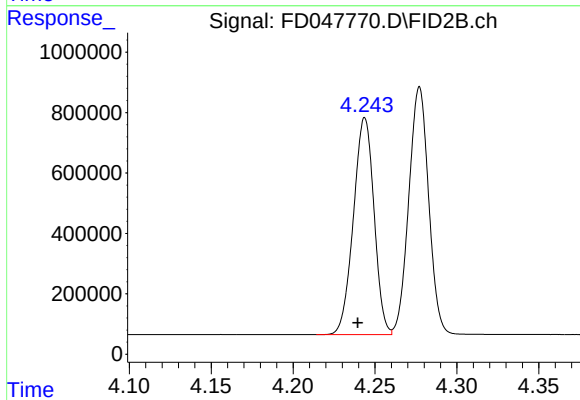




#1 n-Nonane (C9)

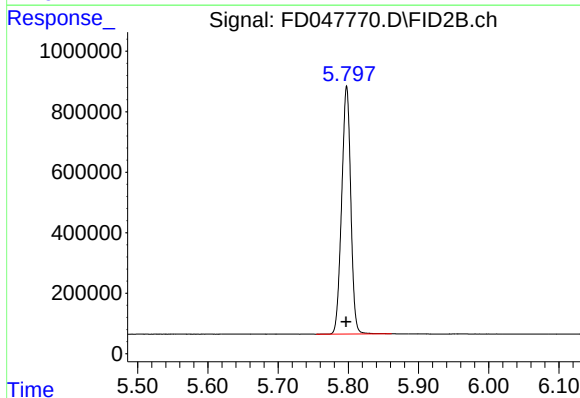
R.T.: 3.195 min
Delta R.T.: 0.008 min
Response: 5970694
Conc: 31.01 ug/ml

Instrument :
FID_D
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PB160949BSD



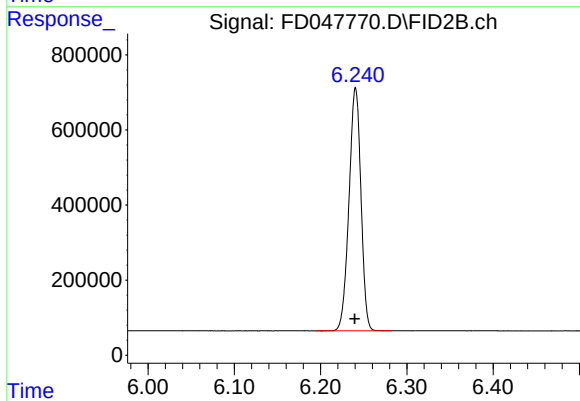
#2 n-Decane (C10)

R.T.: 4.244 min
Delta R.T.: 0.004 min
Response: 6287390
Conc: 31.76 ug/ml



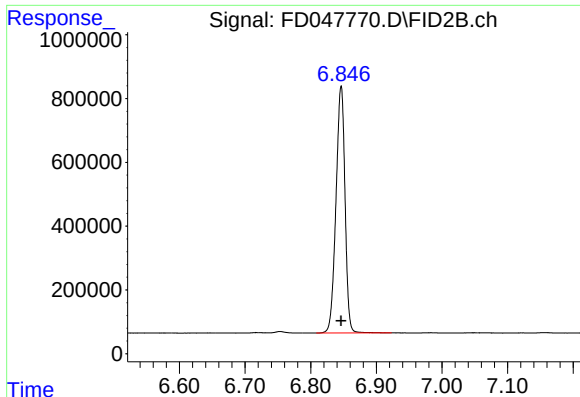
#3 A~Naphthalene (C11.7)

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 7376950
Conc: 33.87 ug/ml



#4 n-Dodecane (C12)

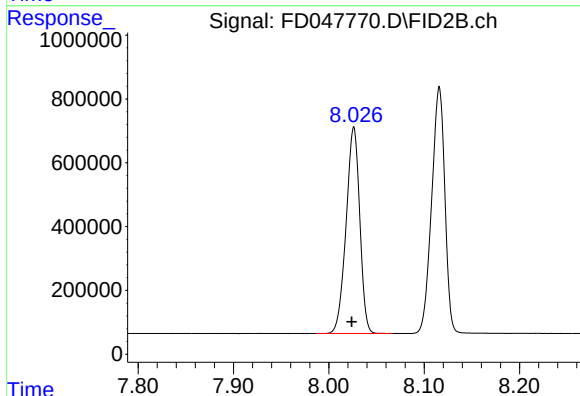
R.T.: 6.241 min
Delta R.T.: 0.001 min
Response: 6231334
Conc: 31.38 ug/ml



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

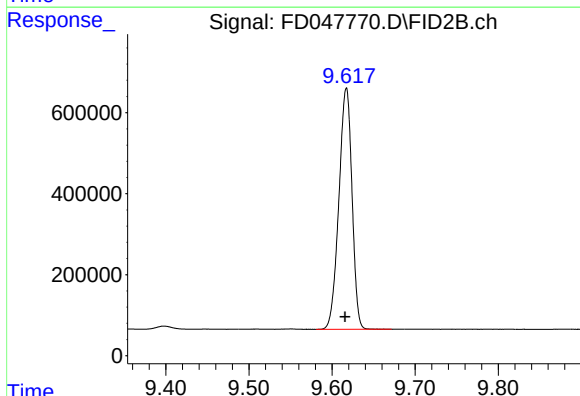
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 7407916
Conc: 35.31 ug/ml

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FID_D
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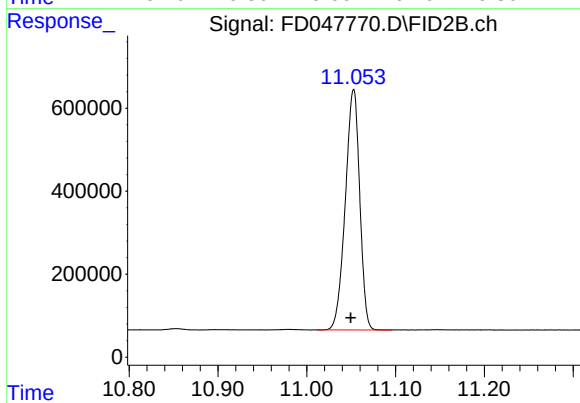
#6 n-Tetradecane (C14)

R.T.: 8.026 min
Delta R.T.: 0.002 min
Response: 6460933
Conc: 33.08 ug/ml



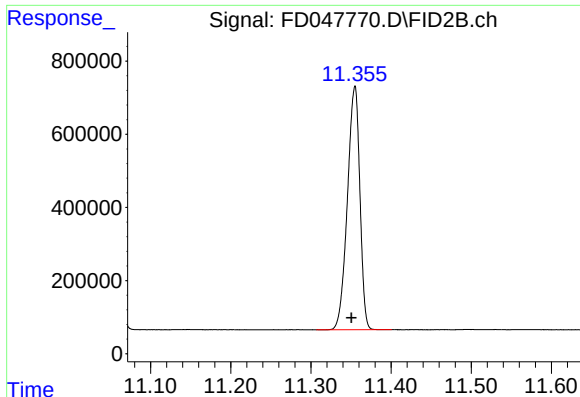
#7 n-Hexadecane (C16)

R.T.: 9.617 min
Delta R.T.: 0.002 min
Response: 6537738
Conc: 32.58 ug/ml



#8 n-Octadecane (C18)

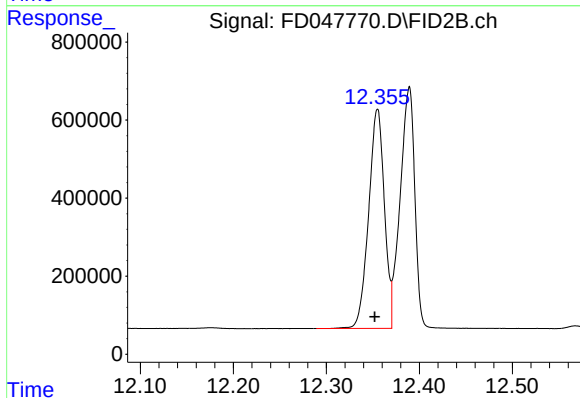
R.T.: 11.053 min
Delta R.T.: 0.003 min
Response: 6534717
Conc: 32.18 ug/ml



#9 ortho-Terphenyl (SURR)

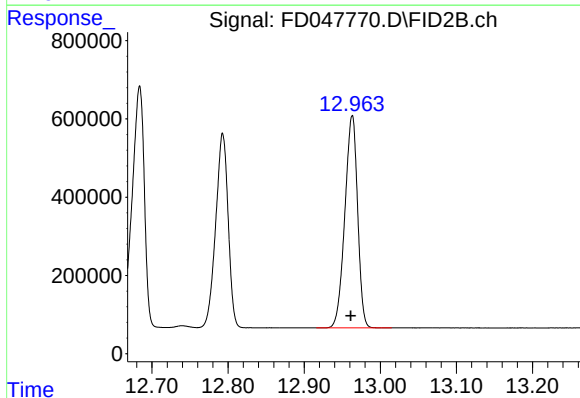
R.T.: 11.355 min
Delta R.T.: 0.004 min
Response: 7186102
Conc: 32.93 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160949BSD



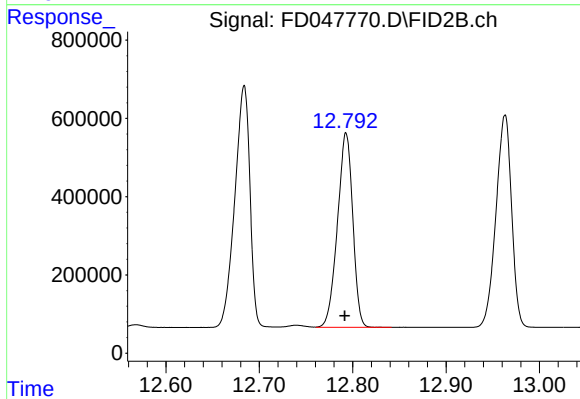
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: 0.003 min
Response: 6605375
Conc: 33.84 ug/ml



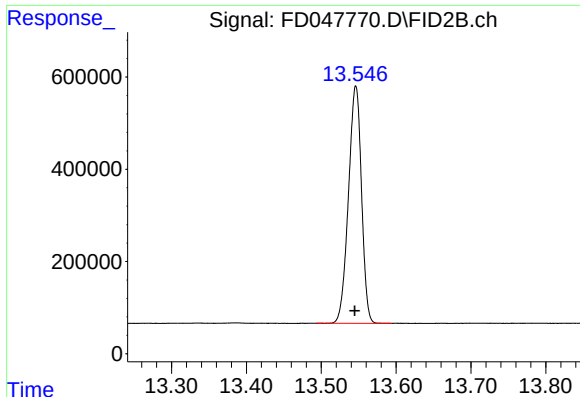
#11 n-Heneicosane (C21)

R.T.: 12.963 min
Delta R.T.: 0.002 min
Response: 6305885
Conc: 32.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 5659198
Conc: 34.73 ug/ml



#13 n-Docosane (C22)

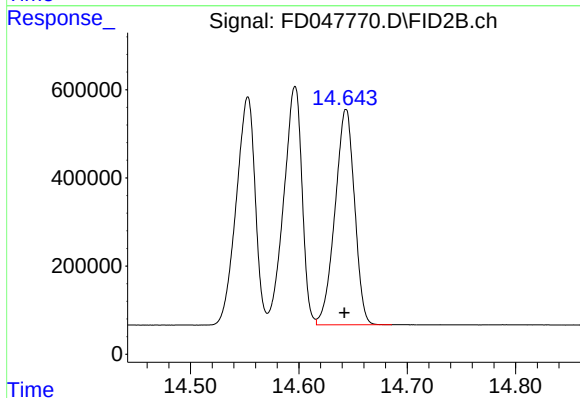
R.T.: 13.546 min
Delta R.T.: 0.001 min
Response: 6228498
Conc: 32.73 ug/ml

Instrument :

FID_D

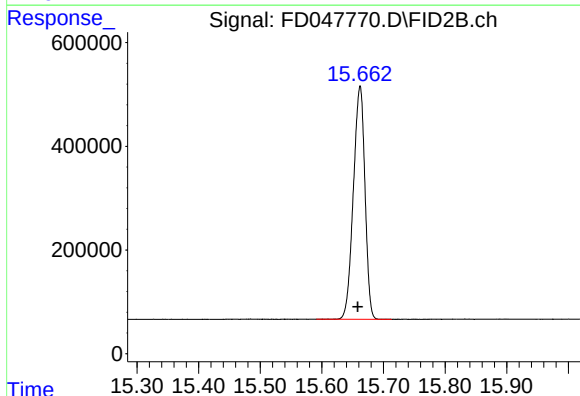
ClientSampleId :

PB160949BSD



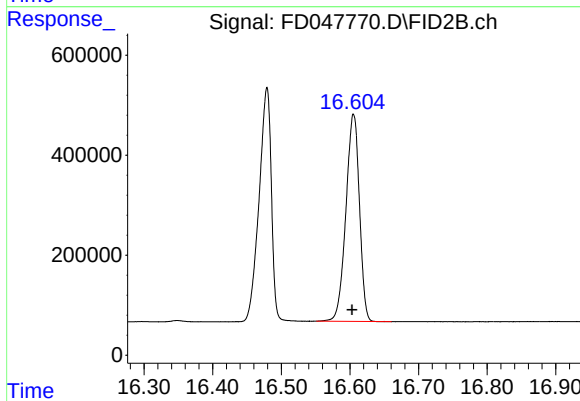
#14 n-Tetracosane (C24)

R.T.: 14.644 min
Delta R.T.: 0.002 min
Response: 6124430
Conc: 32.57 ug/ml



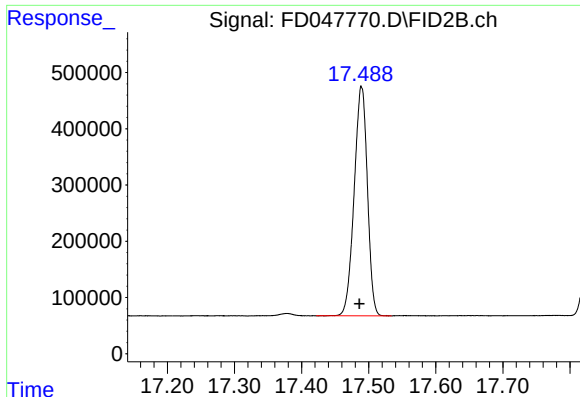
#15 n-Hexacosane (C26)

R.T.: 15.662 min
Delta R.T.: 0.004 min
Response: 5882584
Conc: 32.47 ug/ml



#16 n-Octacosane (C28)

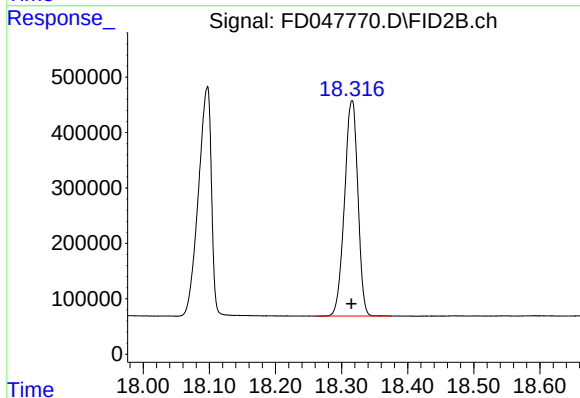
R.T.: 16.605 min
Delta R.T.: 0.002 min
Response: 5688809
Conc: 32.64 ug/ml



#17 n-Tricontane (C30)

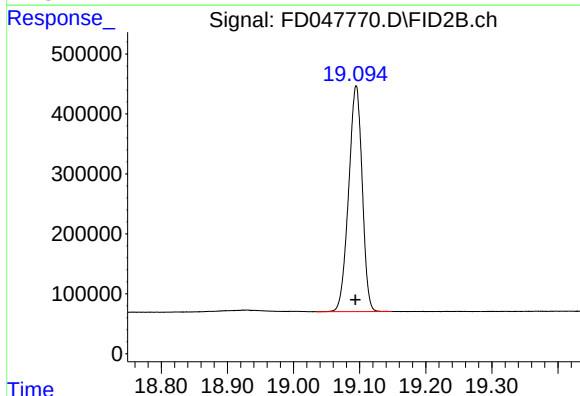
R.T.: 17.489 min
Delta R.T.: 0.003 min
Response: 5584385
Conc: 32.00 ug/ml

Instrument :
FID_D
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PB160949BSD



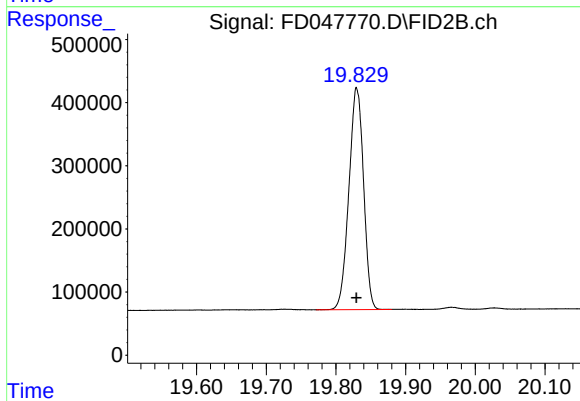
#18 n-Dotriacontane (C32)

R.T.: 18.316 min
Delta R.T.: 0.001 min
Response: 5463565
Conc: 32.09 ug/ml



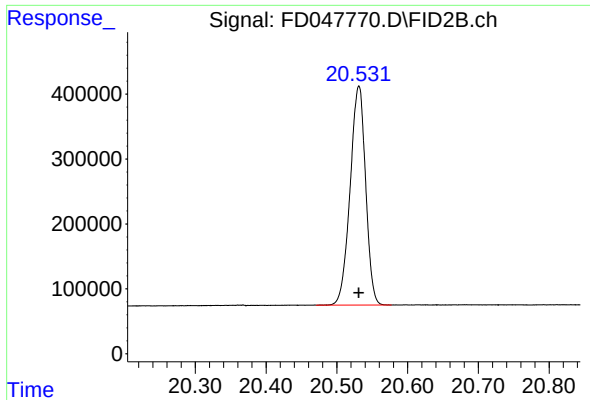
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min
Delta R.T.: 0.001 min
Response: 5364979
Conc: 33.27 ug/ml



#20 n-Hexatriacontane (C36)

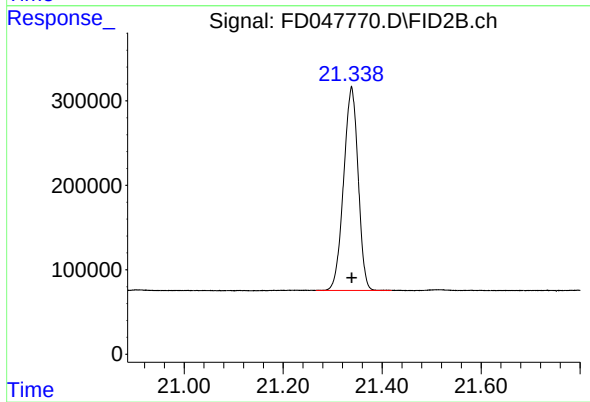
R.T.: 19.830 min
Delta R.T.: 0.000 min
Response: 5132884
Conc: 33.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.531 min
Delta R.T.: 0.000 min
Response: 5133908
Conc: 34.92 ug/ml

Instrument :
FID_D
ClientSampleId :
PB160949BSD



#22 n-Tetracontane (C40)

R.T.: 21.338 min
Delta R.T.: 0.000 min
Response: 4892292
Conc: 34.50 ug/ml