

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF062023AL\
 Data File : FF012925.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jun 2023 12:55
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 20 13:13:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 062023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 20 12:52:56 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			
9) S ortho-Terphenyl (SURR)	10.875	1420502	9.576 ug/ml
Spiked Amount 50.000		Recovery =	19.15%
12) S 1-chlorooctadecane (S...	12.308	1007778	9.361 ug/ml
Spiked Amount 50.000		Recovery =	18.72%
Target Compounds			
1) T n-Nonane (C9)	2.745	1135699	9.559 ug/ml
2) T n-Decane (C10)	3.752	1139368	9.433 ug/ml
3) T A~Naphthalene (C11.7)	5.321	1128932	8.672 ug/ml
4) T n-Dodecane (C12)	5.736	1148454	9.410 ug/ml
5) T A~2-methylnaphthalene...	6.372	988184	8.138 ug/ml
6) T n-Tetradecane (C14)	7.523	1111470	9.262 ug/ml
7) T n-Hexadecane (C16)	9.119	1150502	9.202 ug/ml
8) T n-Octadecane (C18)	10.557	1208086	9.379 ug/ml
10) T n-Eicosane (C20)	11.862	1201034	9.589 ug/ml
11) T n-Heneicosane (C21)	12.472	1180007	9.571 ug/ml
13) T n-Docosane (C22)	13.057	1166282	9.431 ug/ml
14) T n-Tetracosane (C24)	14.159	1157726	9.285 ug/ml
15) T n-Hexacosane (C26)	15.176	1131415	9.253 ug/ml
16) T n-Octacosane (C28)	16.124	1100469	9.177 ug/ml
17) T n-Tricontane (C30)	17.008	1119734	9.325 ug/ml
18) T n-Dotriacontane (C32)	17.839	1096269	9.373 ug/ml
19) T n-Tetratriacontane (C34)	18.621	1048792	9.445 ug/ml
20) T n-Hexatriacontane (C36)	19.360	995126	9.309 ug/ml
21) T n-Octatriacontane (C38)	20.084	983465	9.326 ug/ml
22) T n-Tetracontane (C40)	20.968	932278	9.551 ug/ml

(f)=RT Delta > 1/2 Window

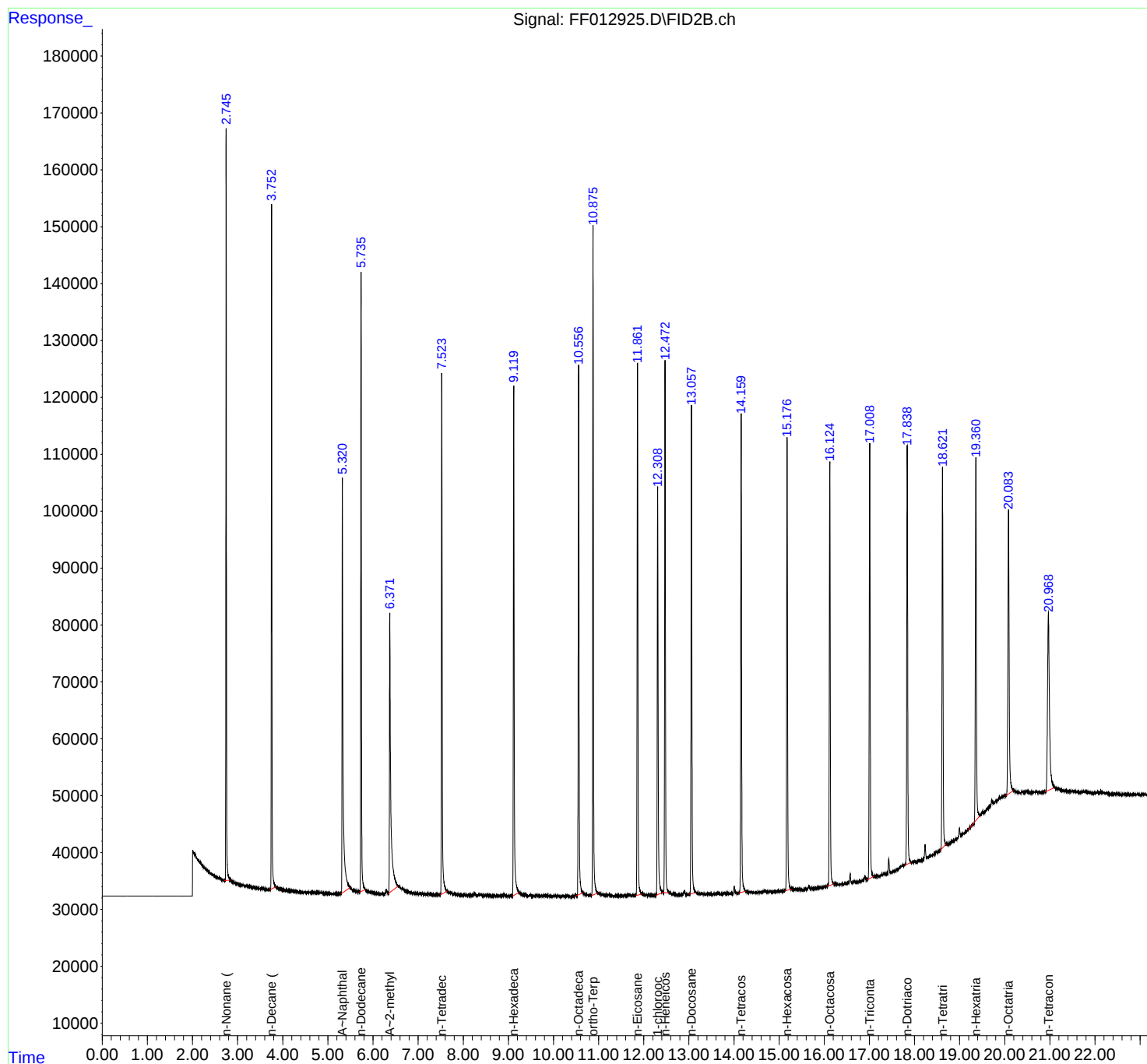
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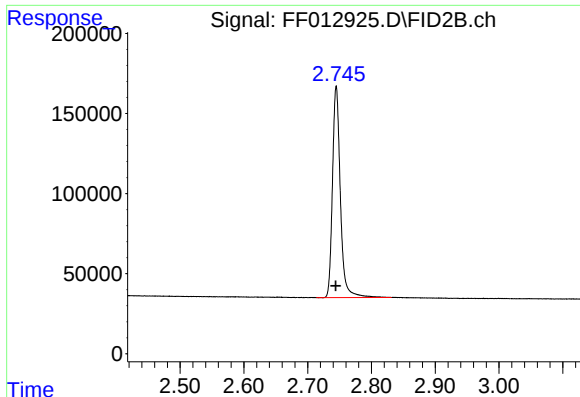
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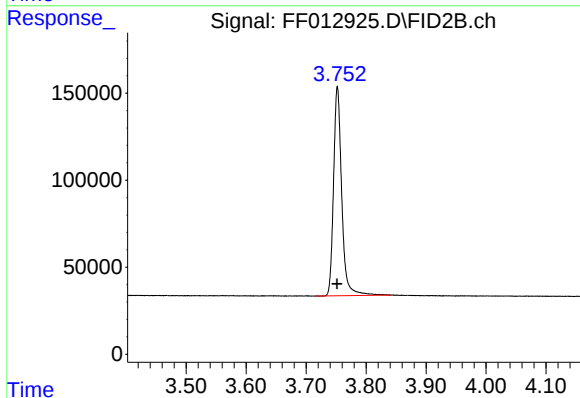




#1 n-Nonane (C9)

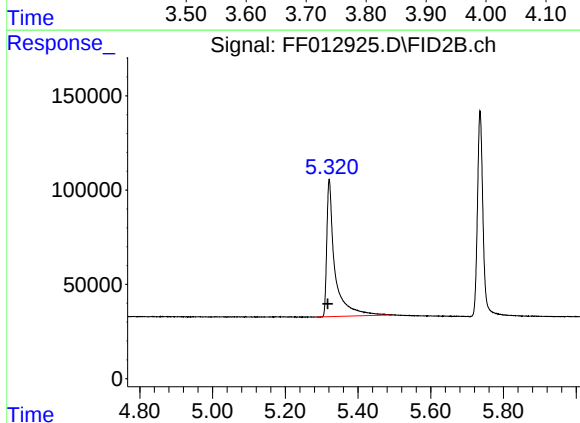
R.T.: 2.745 min
Delta R.T.: 0.000 min
Response: 1135699
Conc: 9.56 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



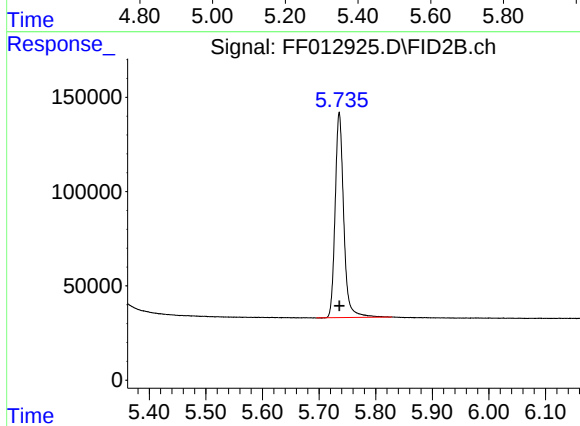
#2 n-Decane (C10)

R.T.: 3.752 min
Delta R.T.: 0.000 min
Response: 1139368
Conc: 9.43 ug/ml



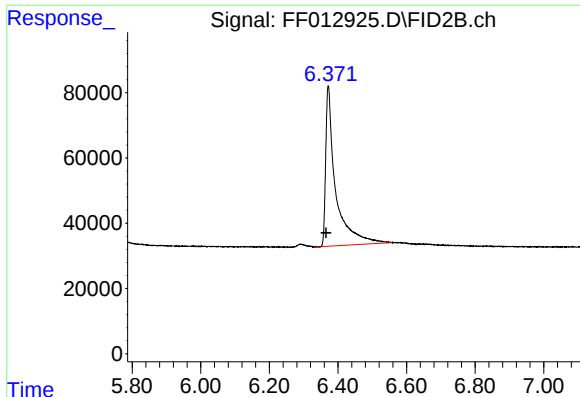
#3 A~Naphthalene (C11.7)

R.T.: 5.321 min
Delta R.T.: 0.004 min
Response: 1128932
Conc: 8.67 ug/ml



#4 n-Dodecane (C12)

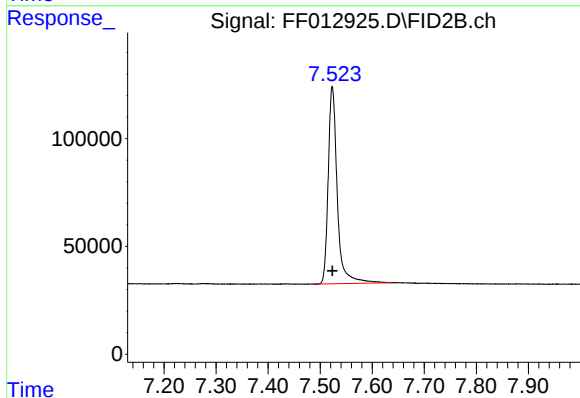
R.T.: 5.736 min
Delta R.T.: 0.000 min
Response: 1148454
Conc: 9.41 ug/ml



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

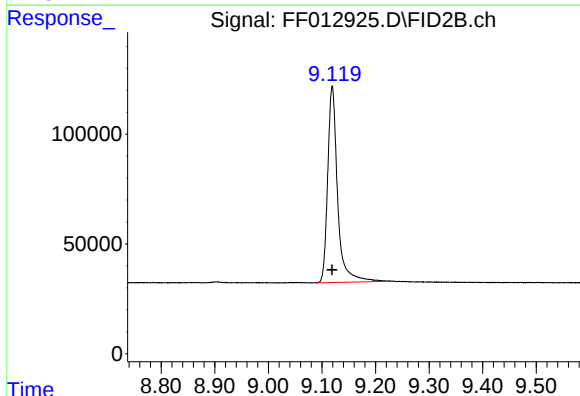
R.T.: 6.372 min
Delta R.T.: 0.006 min
Response: 988184
Conc: 8.14 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4



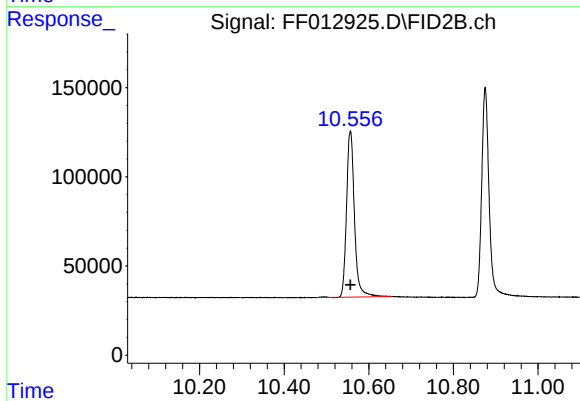
#6 n-Tetradecane (C14)

R.T.: 7.523 min
Delta R.T.: 0.000 min
Response: 1111470
Conc: 9.26 ug/ml



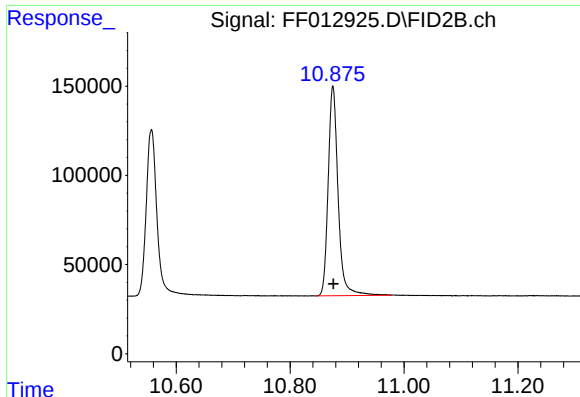
#7 n-Hexadecane (C16)

R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 1150502
Conc: 9.20 ug/ml



#8 n-Octadecane (C18)

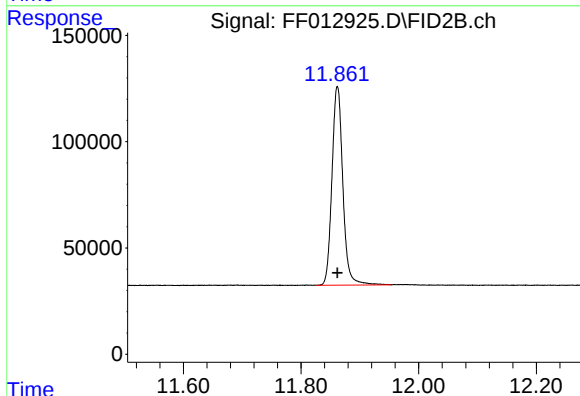
R.T.: 10.557 min
Delta R.T.: 0.000 min
Response: 1208086
Conc: 9.38 ug/ml



#9 ortho-Terphenyl (SURR)

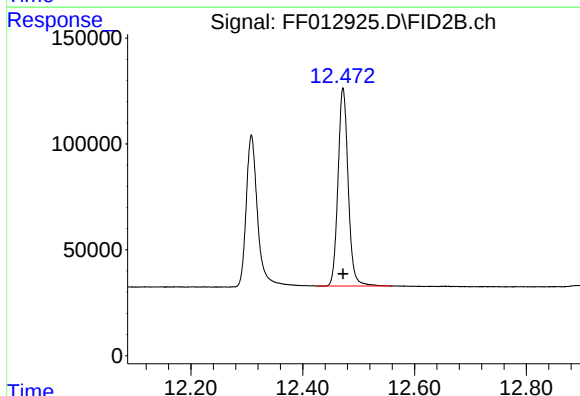
R.T.: 10.875 min
Delta R.T.: 0.000 min
Response: 1420502
Conc: 9.58 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



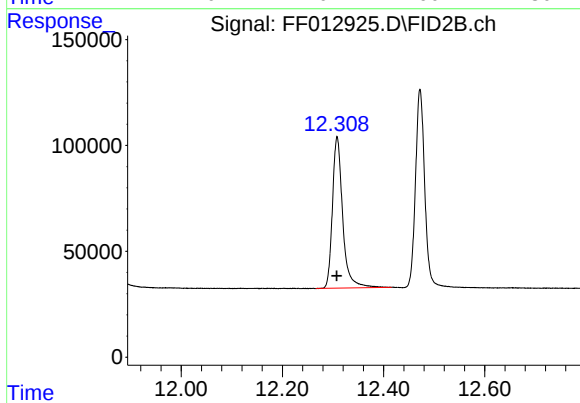
#10 n-Eicosane (C20)

R.T.: 11.862 min
Delta R.T.: 0.000 min
Response: 1201034
Conc: 9.59 ug/ml



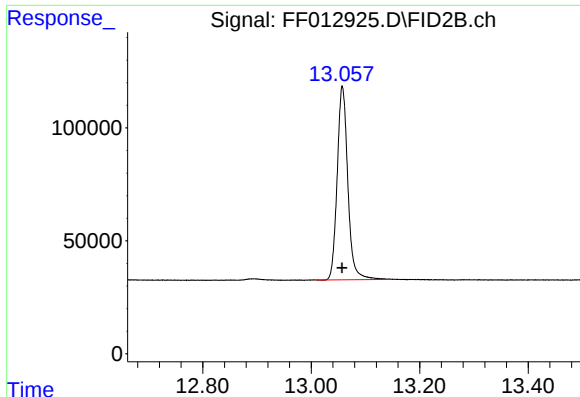
#11 n-Heneicosane (C21)

R.T.: 12.472 min
Delta R.T.: 0.000 min
Response: 1180007
Conc: 9.57 ug/ml



#12 1-chlorooctadecane (SURR)

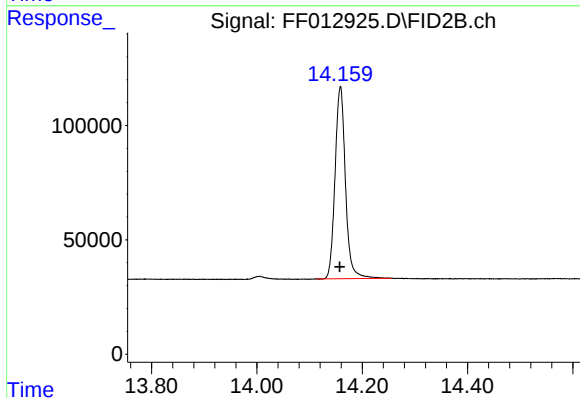
R.T.: 12.308 min
Delta R.T.: 0.001 min
Response: 1007778
Conc: 9.36 ug/ml



#13 n-Docosane (C22)

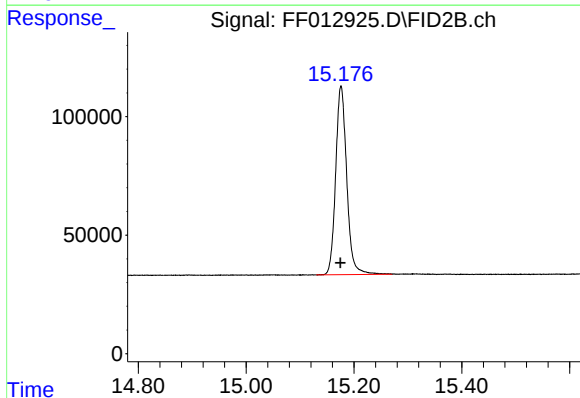
R.T.: 13.057 min
Delta R.T.: 0.000 min
Response: 1166282
Conc: 9.43 ug/ml

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10 PPM ALIPHATIC HC STD4



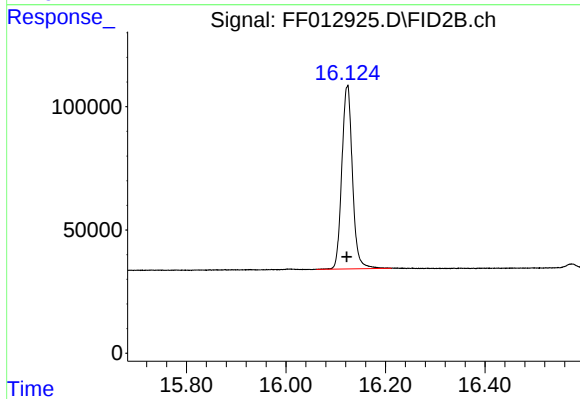
#14 n-Tetracosane (C24)

R.T.: 14.159 min
Delta R.T.: 0.002 min
Response: 1157726
Conc: 9.28 ug/ml



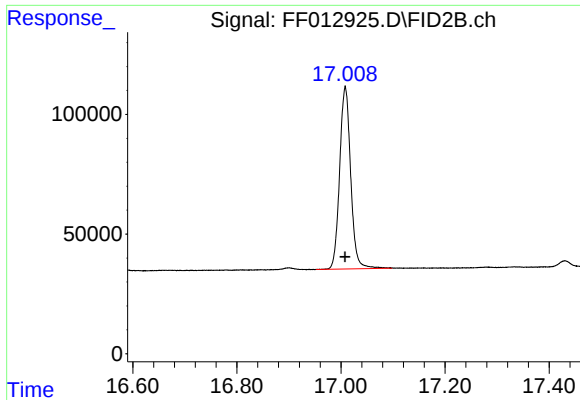
#15 n-Hexacosane (C26)

R.T.: 15.176 min
Delta R.T.: 0.001 min
Response: 1131415
Conc: 9.25 ug/ml



#16 n-Octacosane (C28)

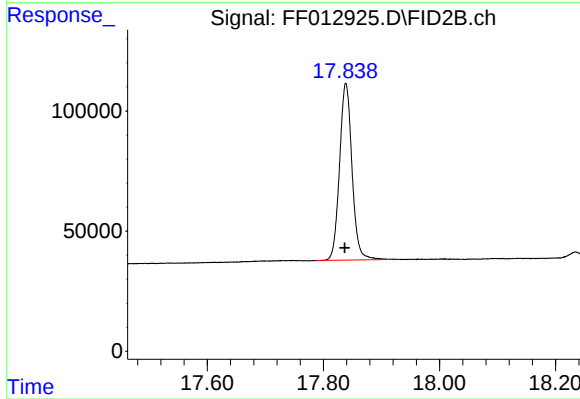
R.T.: 16.124 min
Delta R.T.: 0.001 min
Response: 1100469
Conc: 9.18 ug/ml



#17 n-Tricontane (C30)

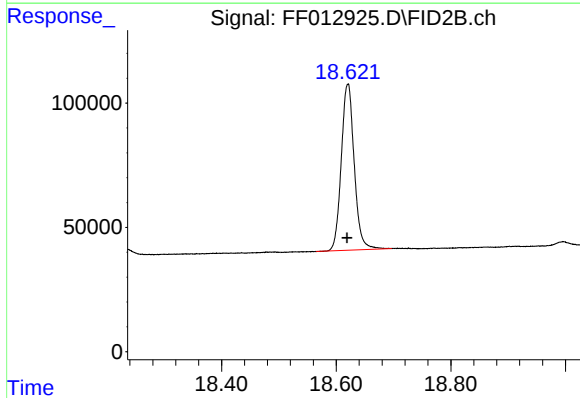
R.T.: 17.008 min
Delta R.T.: 0.000 min
Response: 1119734
Conc: 9.33 ug/ml

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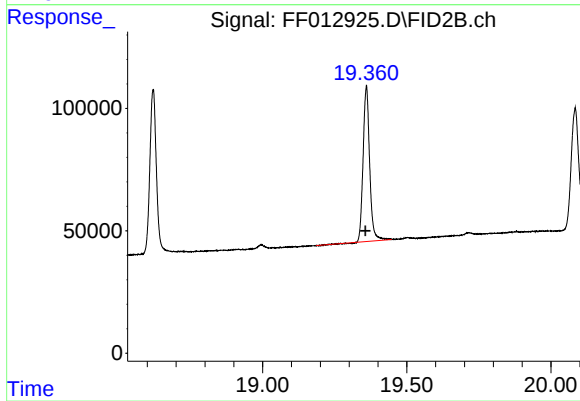
#18 n-Dotriacontane (C32)

R.T.: 17.839 min
Delta R.T.: 0.002 min
Response: 1096269
Conc: 9.37 ug/ml



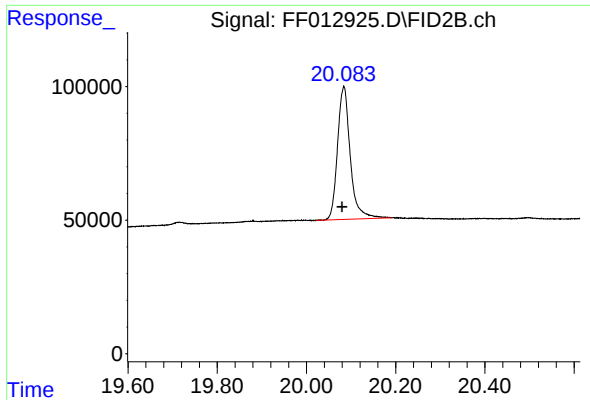
#19 n-Tetratriacontane (C34)

R.T.: 18.621 min
Delta R.T.: 0.001 min
Response: 1048792
Conc: 9.45 ug/ml



#20 n-Hexatriacontane (C36)

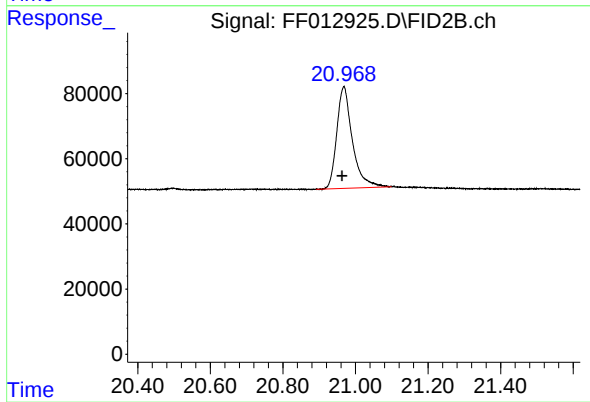
R.T.: 19.360 min
Delta R.T.: 0.003 min
Response: 995126
Conc: 9.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.084 min
Delta R.T.: 0.004 min
Response: 983465
Conc: 9.33 ug/ml

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FID_F
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#22 n-Tetracontane (C40)

R.T.: 20.968 min
Delta R.T.: 0.005 min
Response: 932278
Conc: 9.55 ug/ml