

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015200.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 15:50
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 20 16:07:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 16:06:57 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)	11.922	1573818	9.913 ug/ml
Spiked Amount 50.000		Recovery =	19.83%
12) S 1-chlorooctadecane (S...	13.357	1203732	9.809 ug/ml
Spiked Amount 50.000		Recovery =	19.62%
Target Compounds			
1) T n-Nonane (C9)	3.317	1299545	9.926 ug/ml
2) T n-Decane (C10)	4.569	1331015	9.939 ug/ml
3) T A~Naphthalene (C11.7)	6.270	1467095	9.925 ug/ml
4) T n-Dodecane (C12)	6.733	1347943	9.913 ug/ml
5) T A~2-methylnaphthalene...	7.364	1420604	9.869 ug/ml
6) T n-Tetradecane (C14)	8.558	1352978	9.905 ug/ml
7) T n-Hexadecane (C16)	10.163	1411856	9.882 ug/ml
8) T n-Octadecane (C18)	11.605	1461376	9.963 ug/ml
10) T n-Eicosane (C20)	12.913	1412689	9.905 ug/ml
11) T n-Heneicosane (C21)	13.523	1395454	9.898 ug/ml
13) T n-Docosane (C22)	14.110	1389529	9.880 ug/ml
14) T n-Tetracosane (C24)	15.212	1389763	9.869 ug/ml
15) T n-Hexacosane (C26)	16.232	1352320	9.824 ug/ml
16) T n-Octacosane (C28)	17.181	1324408	9.846 ug/ml
17) T n-Tricontane (C30)	18.067	1337786	9.901 ug/ml
18) T n-Dotriacontane (C32)	18.899	1264870	9.892 ug/ml
19) T n-Tetratriacontane (C34)	19.682	1083681	9.867 ug/ml
20) T n-Hexatriacontane (C36)	20.421	909183	9.837 ug/ml
21) T n-Octatriacontane (C38)	21.154	837482	9.795 ug/ml
22) T n-Tetracontane (C40)	22.061	767808	9.574 ug/ml

(f)=RT Delta > 1/2 Window

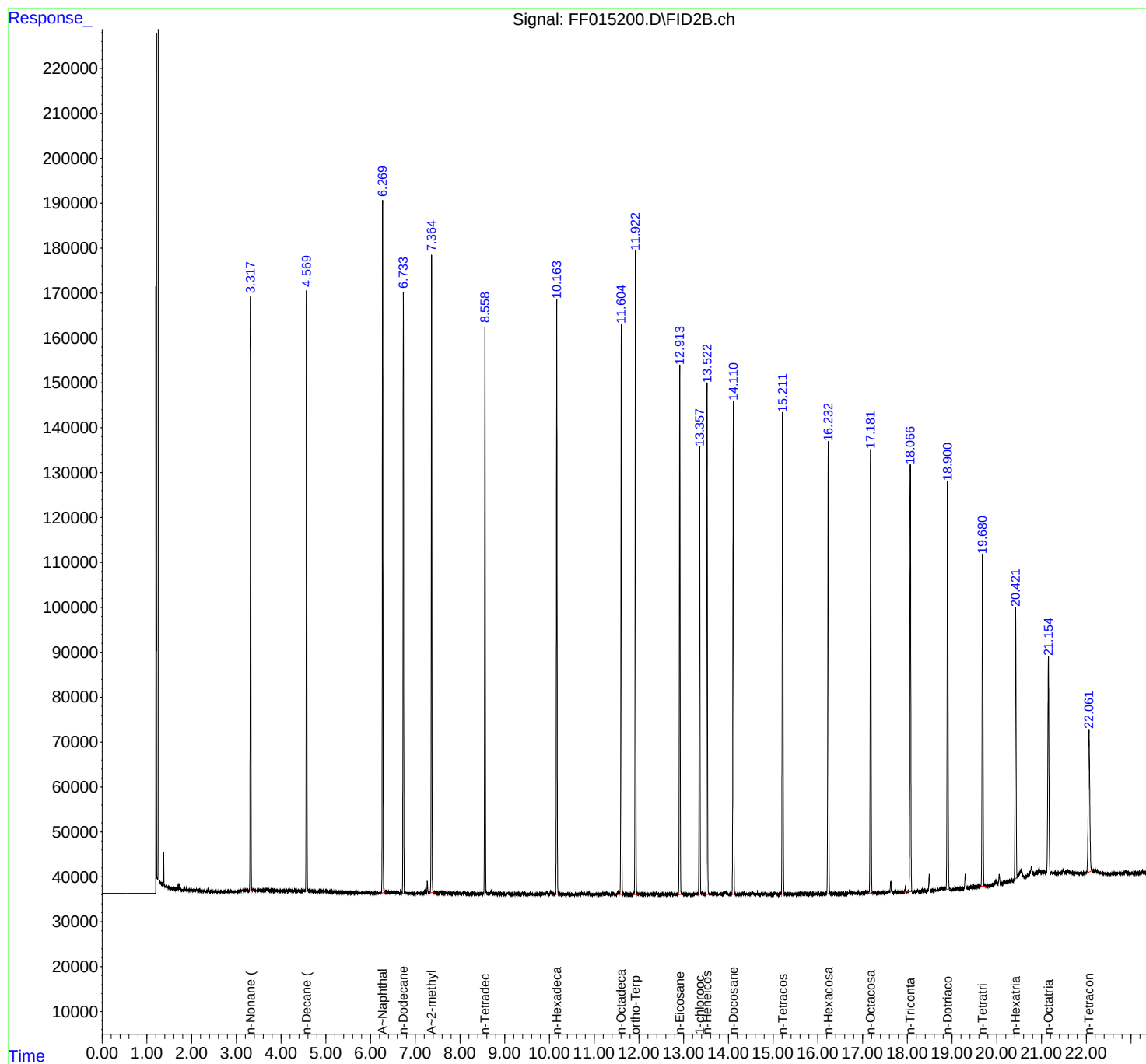
(m)=manual int.

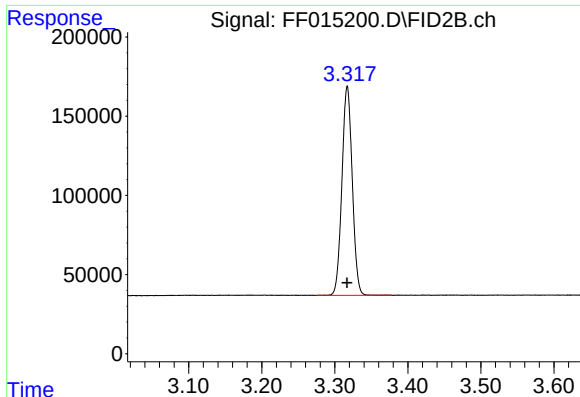
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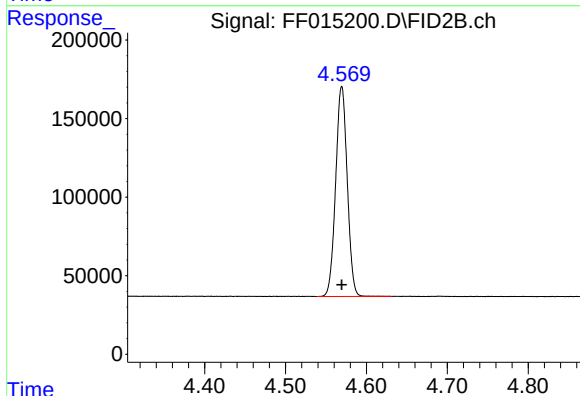




#1 n-Nonane (C9)

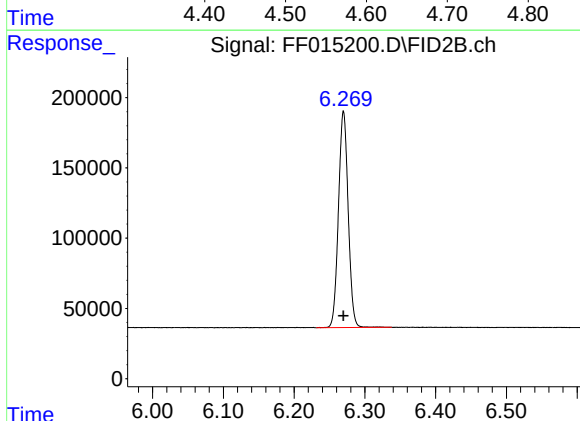
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 1299545
Conc: 9.93 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



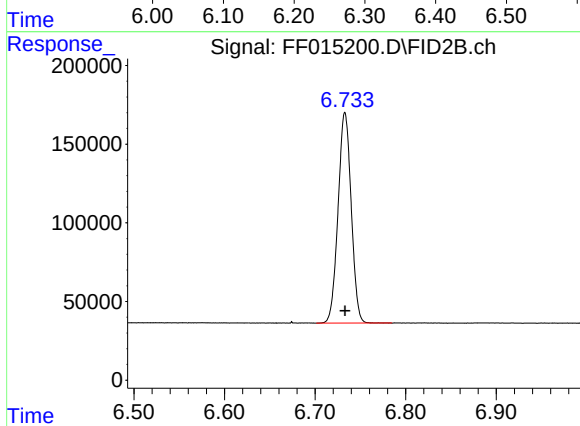
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 1331015
Conc: 9.94 ug/ml



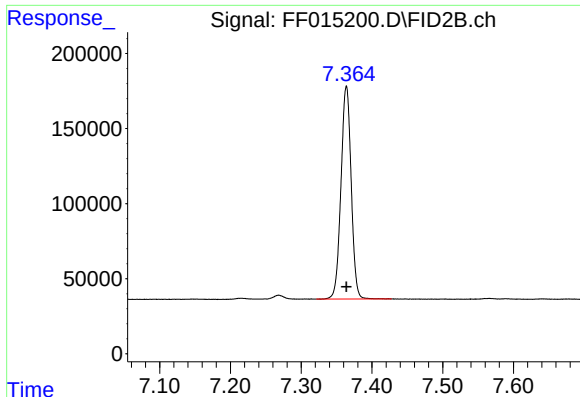
#3 A~Naphthalene (C11.7)

R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 1467095
Conc: 9.92 ug/ml



#4 n-Dodecane (C12)

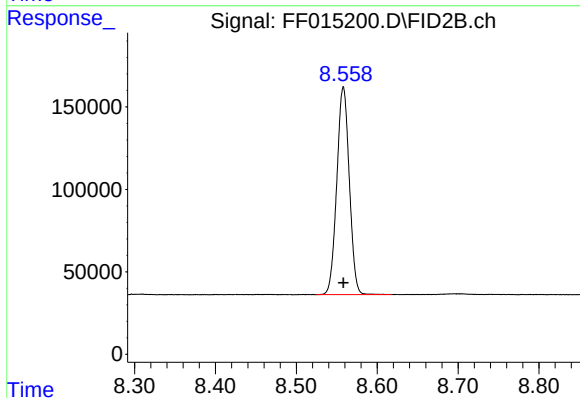
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 1347943
Conc: 9.91 ug/ml



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

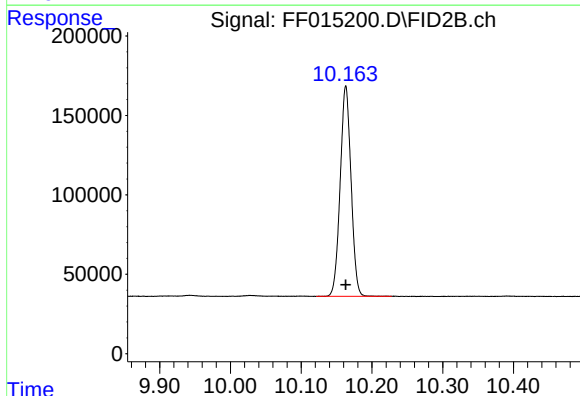
R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 1420604
Conc: 9.87 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



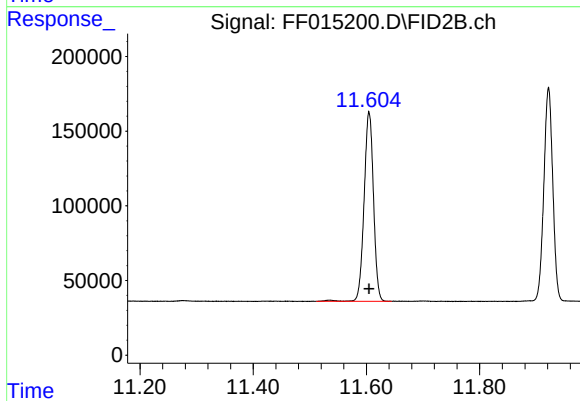
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: 0.000 min
Response: 1352978
Conc: 9.91 ug/ml



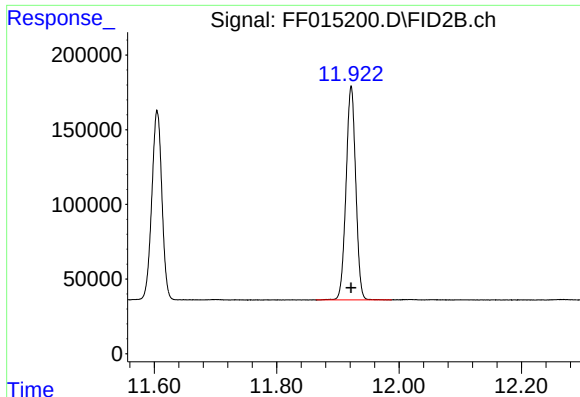
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.000 min
Response: 1411856
Conc: 9.88 ug/ml



#8 n-Octadecane (C18)

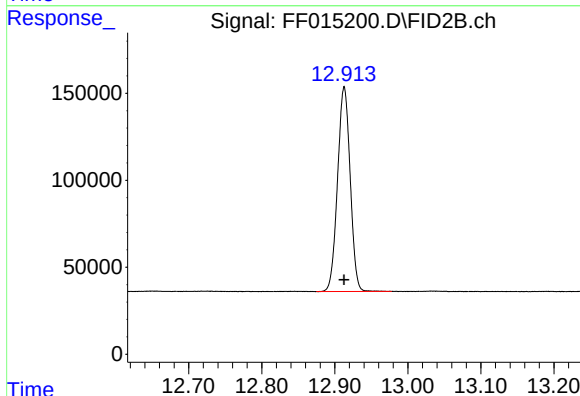
R.T.: 11.605 min
Delta R.T.: 0.000 min
Response: 1461376
Conc: 9.96 ug/ml



#9 ortho-Terphenyl (SURR)

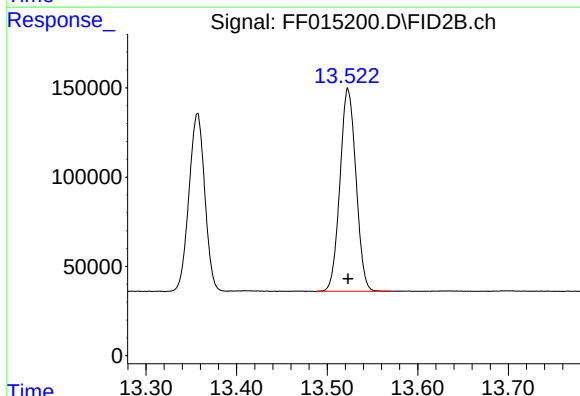
R.T.: 11.922 min
Delta R.T.: 0.000 min
Response: 1573818
Conc: 9.91 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



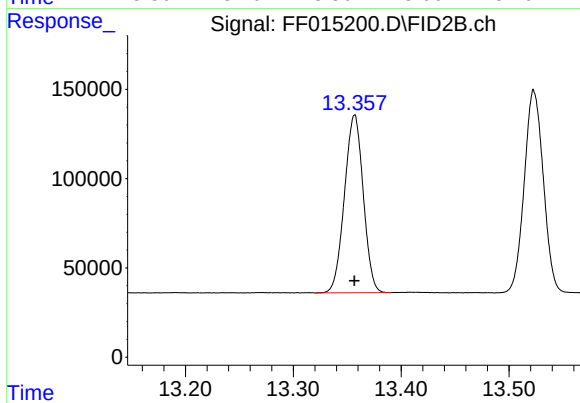
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 1412689
Conc: 9.90 ug/ml



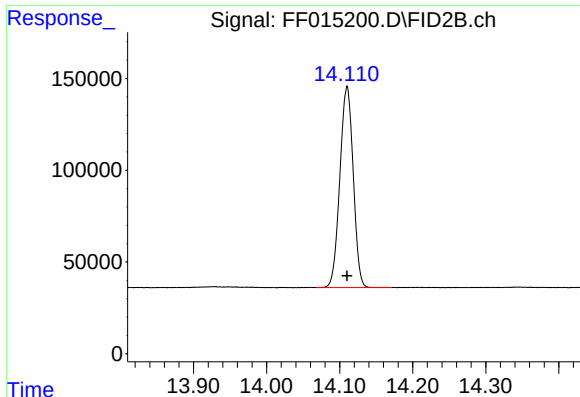
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.000 min
Response: 1395454
Conc: 9.90 ug/ml



#12 1-chlorooctadecane (SURR)

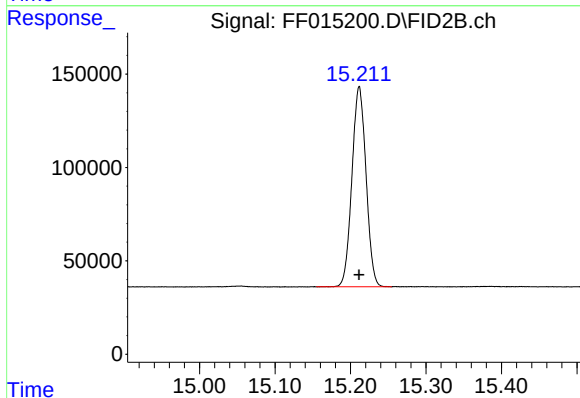
R.T.: 13.357 min
Delta R.T.: 0.000 min
Response: 1203732
Conc: 9.81 ug/ml



#13 n-Docosane (C22)

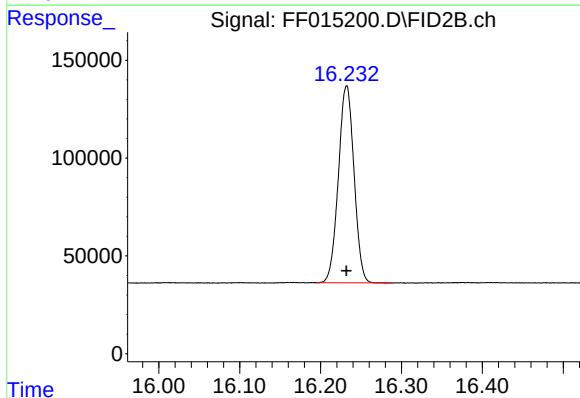
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 1389529
Conc: 9.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



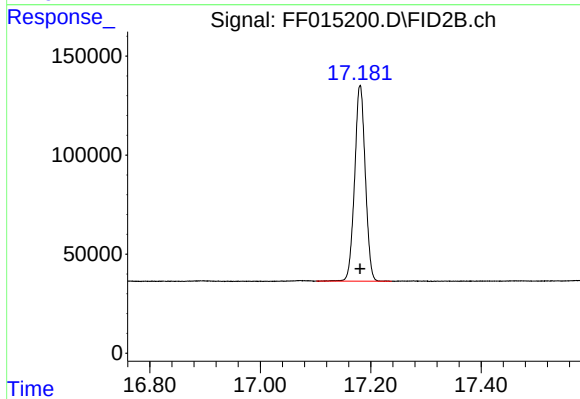
#14 n-Tetracosane (C24)

R.T.: 15.212 min
Delta R.T.: 0.000 min
Response: 1389763
Conc: 9.87 ug/ml



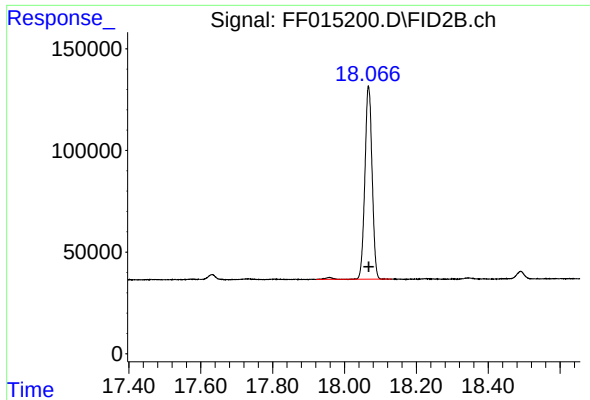
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: 0.000 min
Response: 1352320
Conc: 9.82 ug/ml



#16 n-Octacosane (C28)

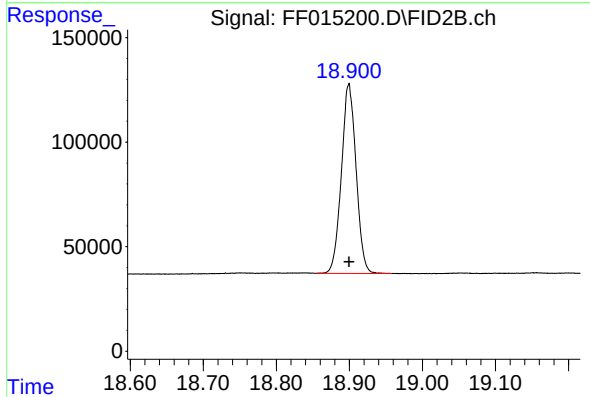
R.T.: 17.181 min
Delta R.T.: 0.000 min
Response: 1324408
Conc: 9.85 ug/ml



#17 n-Tricontane (C30)

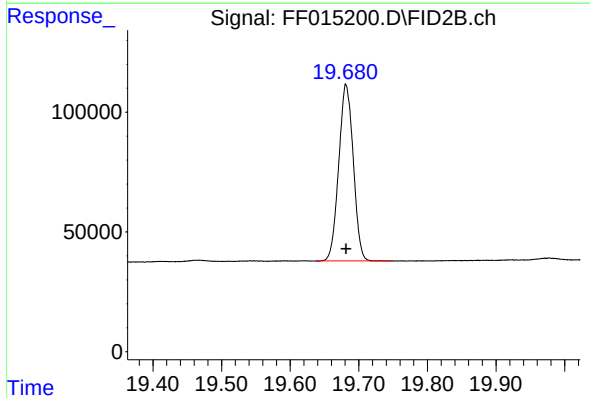
R.T.: 18.067 min
Delta R.T.: 0.000 min
Response: 1337786
Conc: 9.90 ug/ml

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10 PPM ALIPHATIC HC STD4



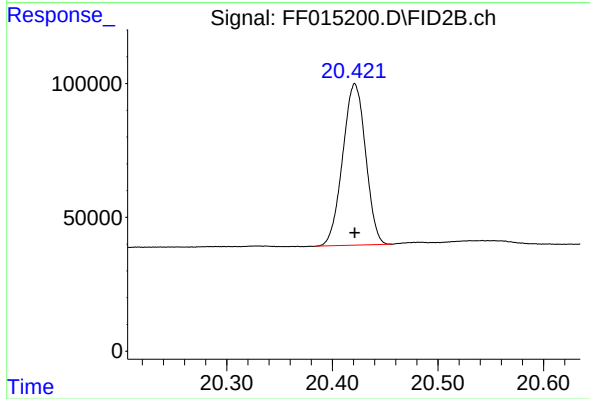
#18 n-Dotriacontane (C32)

R.T.: 18.899 min
Delta R.T.: 0.000 min
Response: 1264870
Conc: 9.89 ug/ml



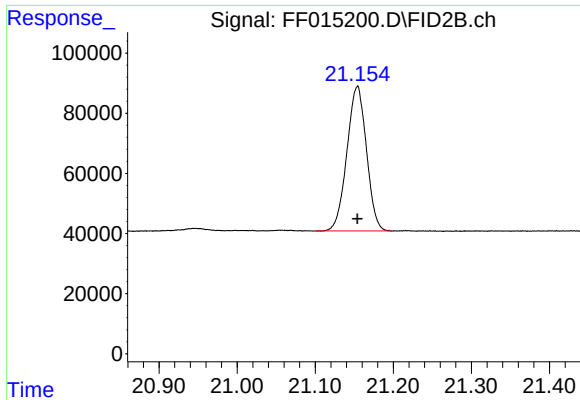
#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: 0.000 min
Response: 1083681
Conc: 9.87 ug/ml



#20 n-Hexatriacontane (C36)

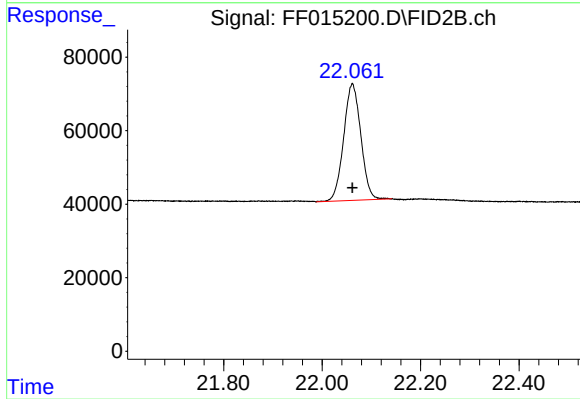
R.T.: 20.421 min
Delta R.T.: 0.000 min
Response: 909183
Conc: 9.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: 0.000 min
Response: 837482
Conc: 9.80 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: 0.000 min
Response: 767808
Conc: 9.57 ug/ml