

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015231.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:29
 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: Jan 14 14:45:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 14:38:51 2025
 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)	11.921	1715465	10.884 ug/ml
Spiked Amount 50.000		Recovery =	21.77%
12) S 1-chlorooctadecane (S...	13.358	1340917	10.834 ug/ml
Spiked Amount 50.000		Recovery =	21.67%
Target Compounds			
1) T n-Nonane (C9)	3.313	1419051	10.904 ug/ml
2) T n-Decane (C10)	4.566	1445970	10.905 ug/ml
3) T A~Naphthalene (C11.7)	6.267	1565148	10.834 ug/ml
4) T n-Dodecane (C12)	6.729	1454028	10.871 ug/ml
5) T A~2-methylnaphthalene...	7.361	1507370	10.747 ug/ml
6) T n-Tetradecane (C14)	8.555	1456275	10.862 ug/ml
7) T n-Hexadecane (C16)	10.161	1526186	10.841 ug/ml
8) T n-Octadecane (C18)	11.604	1579981	10.881 ug/ml
10) T n-Eicosane (C20)	12.914	1556715	10.903 ug/ml
11) T n-Heneicosane (C21)	13.526	1541314	10.898 ug/ml
13) T n-Docosane (C22)	14.112	1547397	10.895 ug/ml
14) T n-Tetracosane (C24)	15.216	1563755	10.900 ug/ml
15) T n-Hexacosane (C26)	16.237	1537116	10.931 ug/ml
16) T n-Octacosane (C28)	17.188	1500151	10.961 ug/ml
17) T n-Tricontane (C30)	18.075	1500605	11.055 ug/ml
18) T n-Dotriacontane (C32)	18.910	1408194	11.124 ug/ml
19) T n-Tetratriacontane (C34)	19.695	1168997	11.041 ug/ml
20) T n-Hexatriacontane (C36)	20.434	933456	10.792 ug/ml
21) T n-Octatriacontane (C38)	21.171	885440	10.878 ug/ml
22) T n-Tetracontane (C40)	22.086	879594	10.978 ug/ml

(f)=RT Delta > 1/2 Window

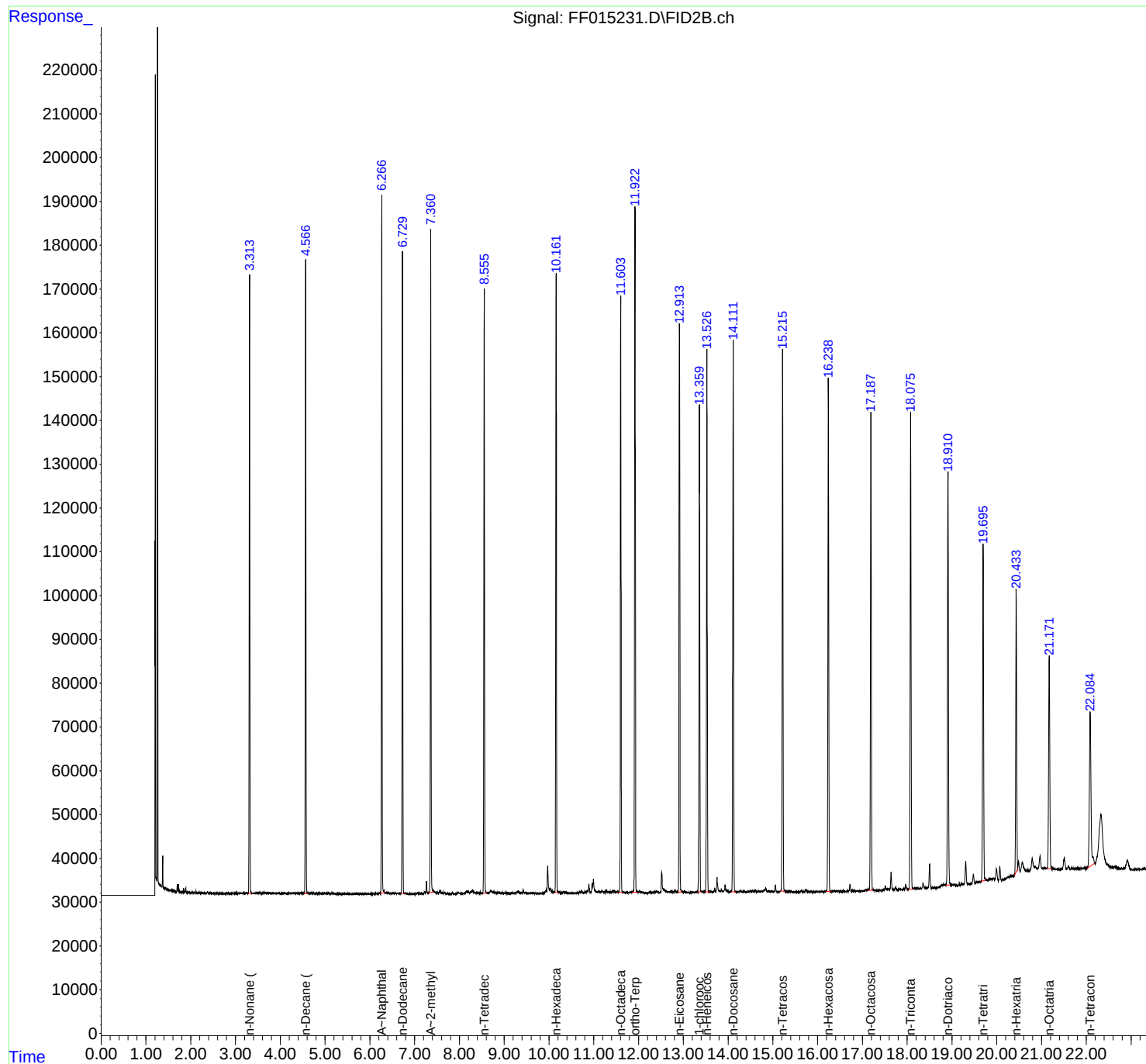
(m)=manual int.

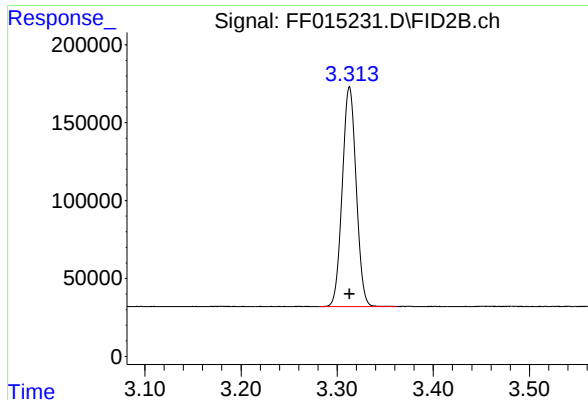
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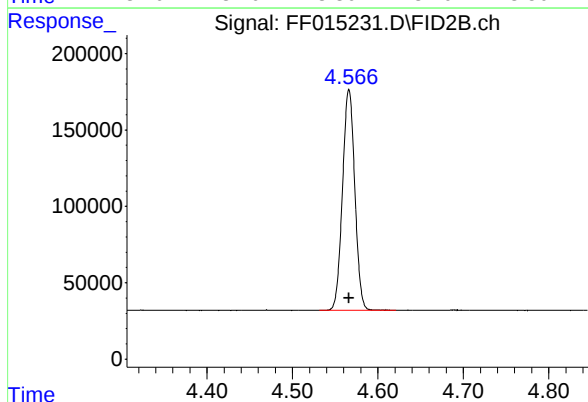




#1 n-Nonane (C9)

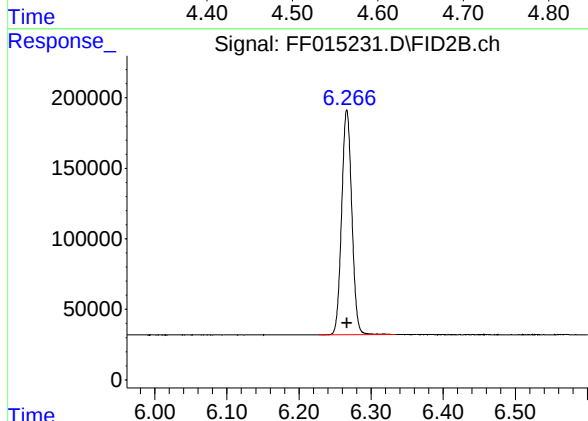
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 1419051
Conc: 10.90 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



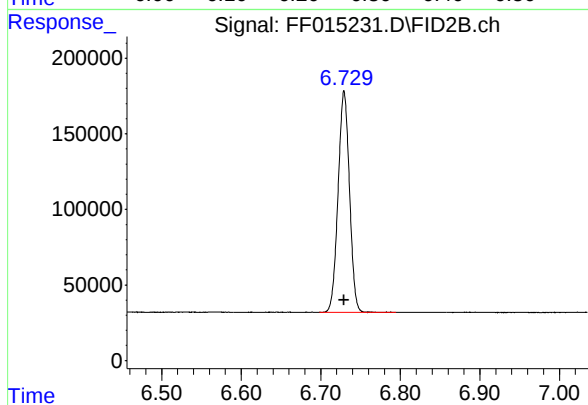
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: 0.000 min
Response: 1445970
Conc: 10.90 ug/ml



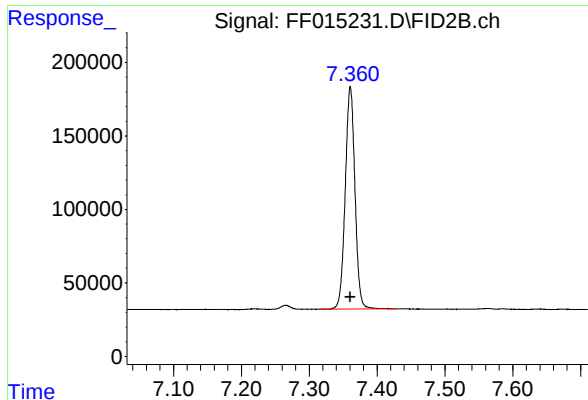
#3 A~Naphthalene (C11.7)

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 1565148
Conc: 10.83 ug/ml



#4 n-Dodecane (C12)

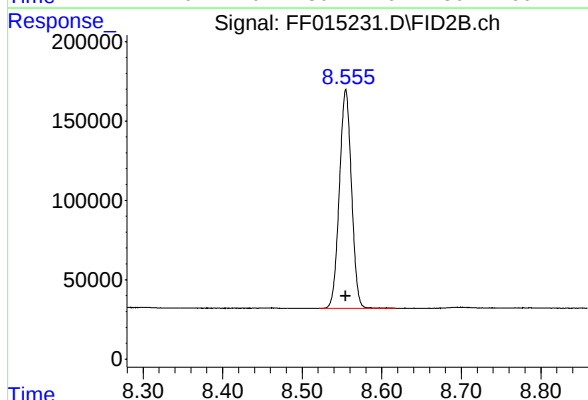
R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 1454028
Conc: 10.87 ug/ml



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

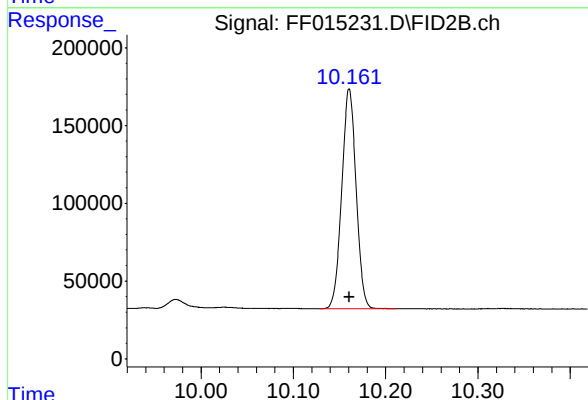
R.T.: 7.361 min
Delta R.T.: 0.000 min
Response: 1507370
Conc: 10.75 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



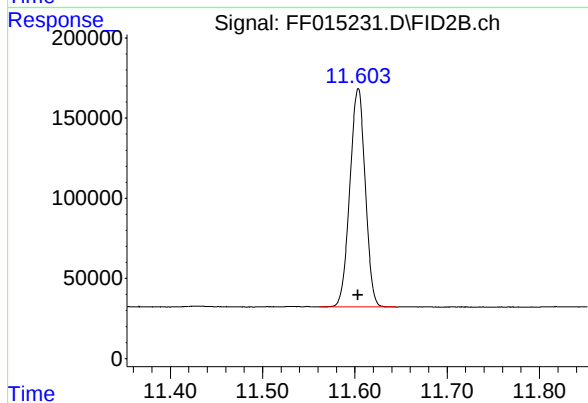
#6 n-Tetradecane (C14)

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 1456275
Conc: 10.86 ug/ml



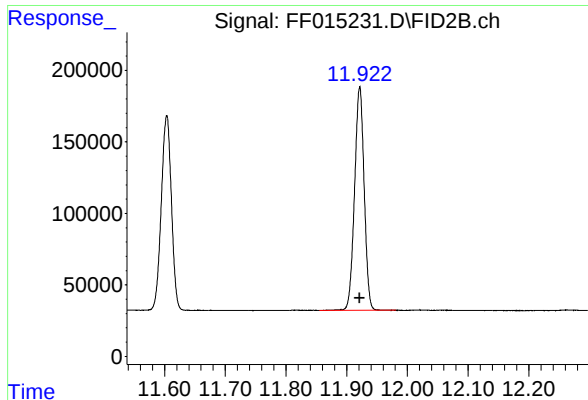
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: 0.000 min
Response: 1526186
Conc: 10.84 ug/ml



#8 n-Octadecane (C18)

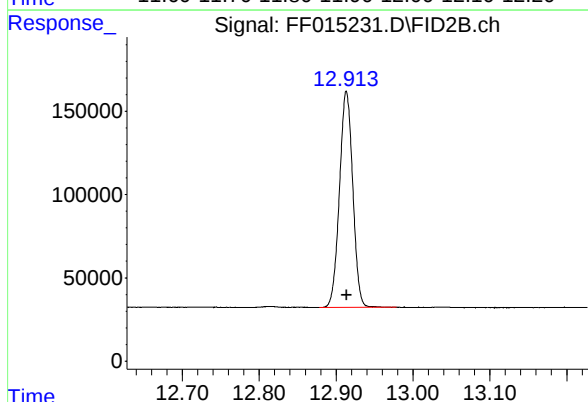
R.T.: 11.604 min
Delta R.T.: 0.000 min
Response: 1579981
Conc: 10.88 ug/ml



#9 ortho-Terphenyl (SURR)

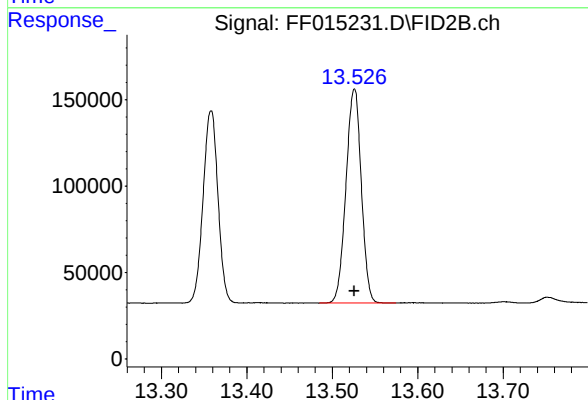
R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 1715465
Conc: 10.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



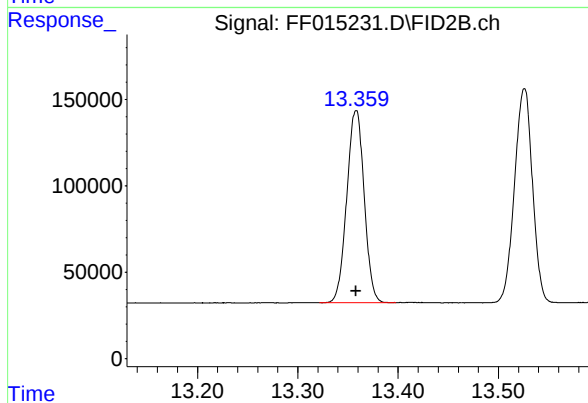
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.000 min
Response: 1556715
Conc: 10.90 ug/ml



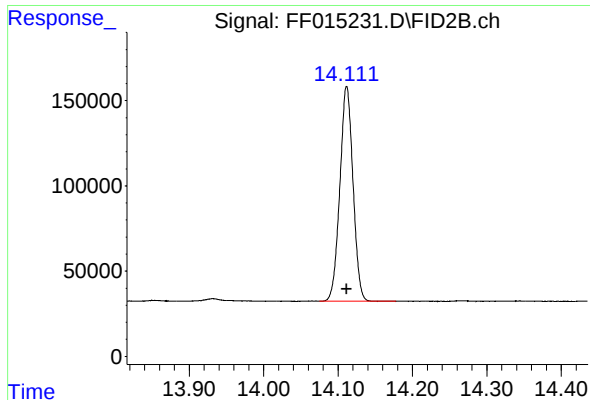
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 1541314
Conc: 10.90 ug/ml



#12 1-chlorooctadecane (SURR)

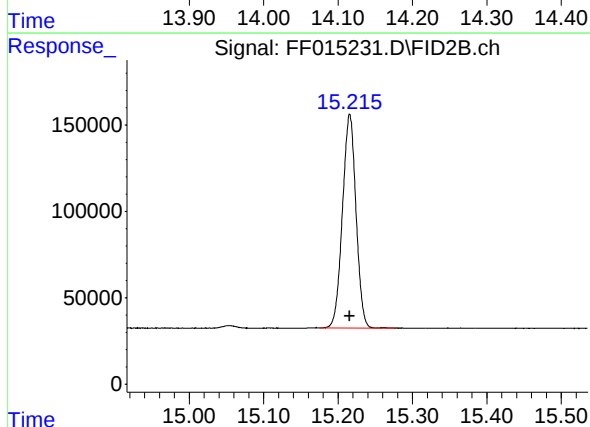
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 1340917
Conc: 10.83 ug/ml



#13 n-Docosane (C22)

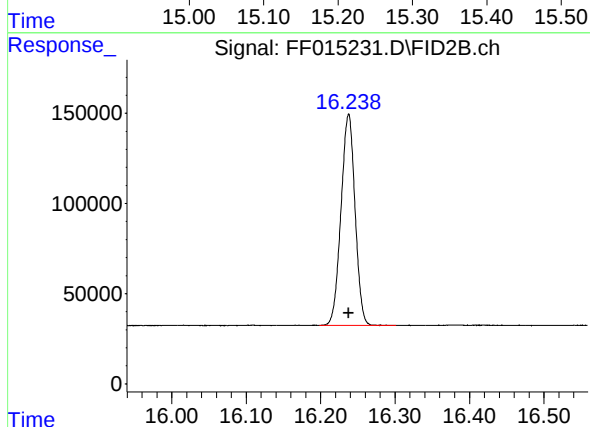
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 1547397
Conc: 10.89 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



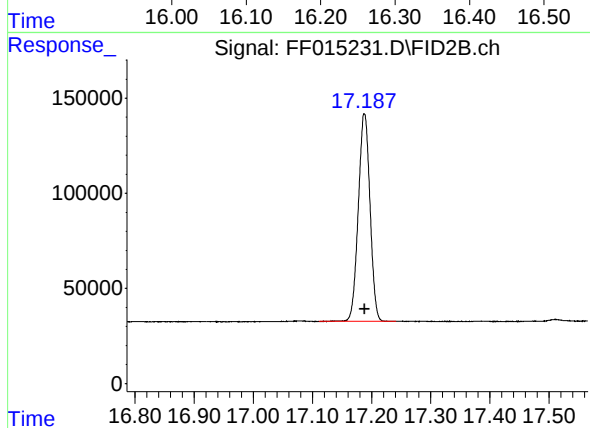
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: 0.000 min
Response: 1563755
Conc: 10.90 ug/ml



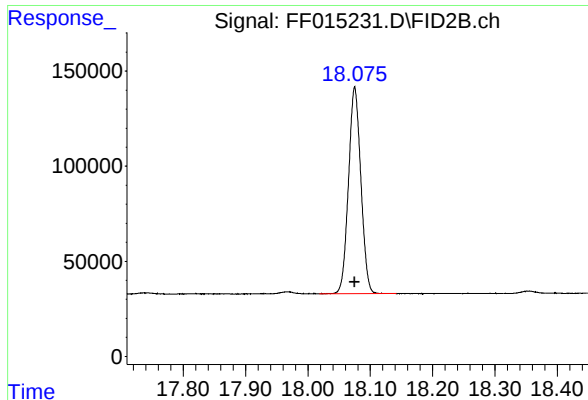
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 1537116
Conc: 10.93 ug/ml



#16 n-Octacosane (C28)

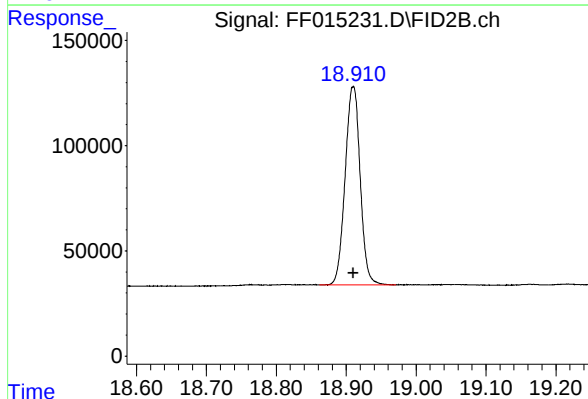
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 1500151
Conc: 10.96 ug/ml



#17 n-Tricontane (C30)

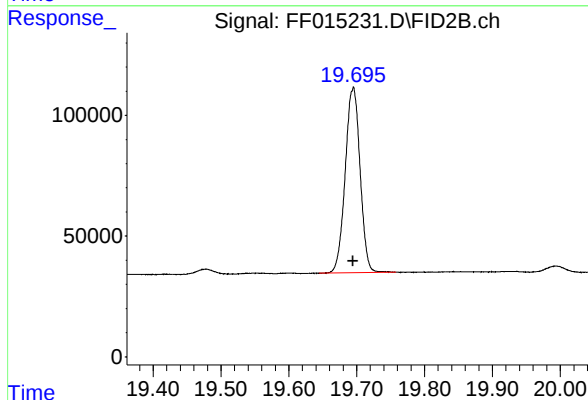
R.T.: 18.075 min
Delta R.T.: 0.000 min
Response: 1500605
Conc: 11.05 ug/ml

Instrument :
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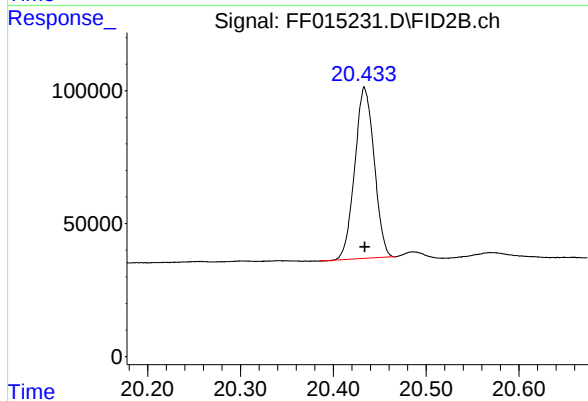
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 1408194
Conc: 11.12 ug/ml



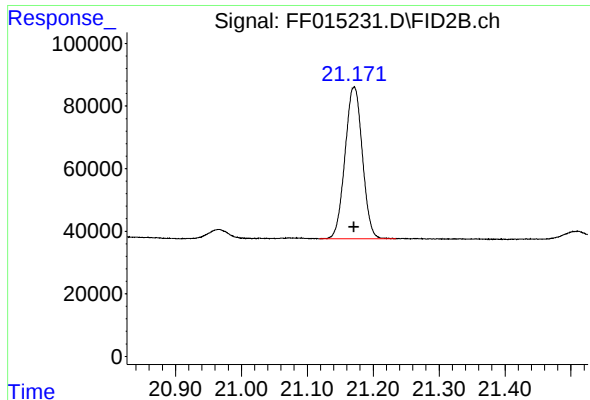
#19 n-Tetatriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.000 min
Response: 1168997
Conc: 11.04 ug/ml



#20 n-Hexatriacontane (C36)

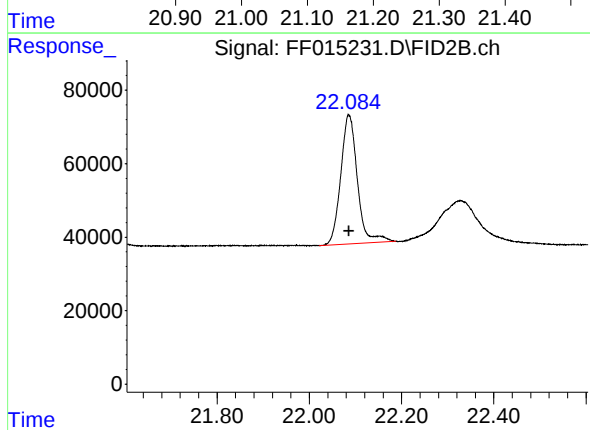
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 933456
Conc: 10.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.000 min
Response: 885440
Conc: 10.88 ug/ml

Instrument :
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ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.000 min
Response: 879594
Conc: 10.98 ug/ml