

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AL\
 Data File : FF015230.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 14:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jan 14 14:39:11 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)	11.920	3227403	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.358	2548697	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.302	2645794	20.000 ug/ml
2) T n-Decane (C10)	4.556	2696276	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.259	2946721	20.000 ug/ml
4) T n-Dodecane (C12)	6.723	2717761	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.354	2864501	20.000 ug/ml
6) T n-Tetradecane (C14)	8.551	2726969	20.000 ug/ml
7) T n-Hexadecane (C16)	10.158	2879736	20.000 ug/ml
8) T n-Octadecane (C18)	11.602	2978815	20.000 ug/ml
10) T n-Eicosane (C20)	12.913	2940634	20.000 ug/ml
11) T n-Heneicosane (C21)	13.526	2912900	20.000 ug/ml
13) T n-Docosane (C22)	14.112	2924017	20.000 ug/ml
14) T n-Tetracosane (C24)	15.215	2969264	20.000 ug/ml
15) T n-Hexacosane (C26)	16.239	2900118	20.000 ug/ml
16) T n-Octacosane (C28)	17.188	2833858	20.000 ug/ml
17) T n-Tricontane (C30)	18.077	2825626	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.909	2622183	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.693	2195313	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.434	1797979	20.000 ug/ml
21) T n-Octatriacontane (C38)	21.172	1671820	20.000 ug/ml
22) T n-Tetracontane (C40)	22.087	1607763	20.000 ug/ml

(f)=RT Delta > 1/2 Window

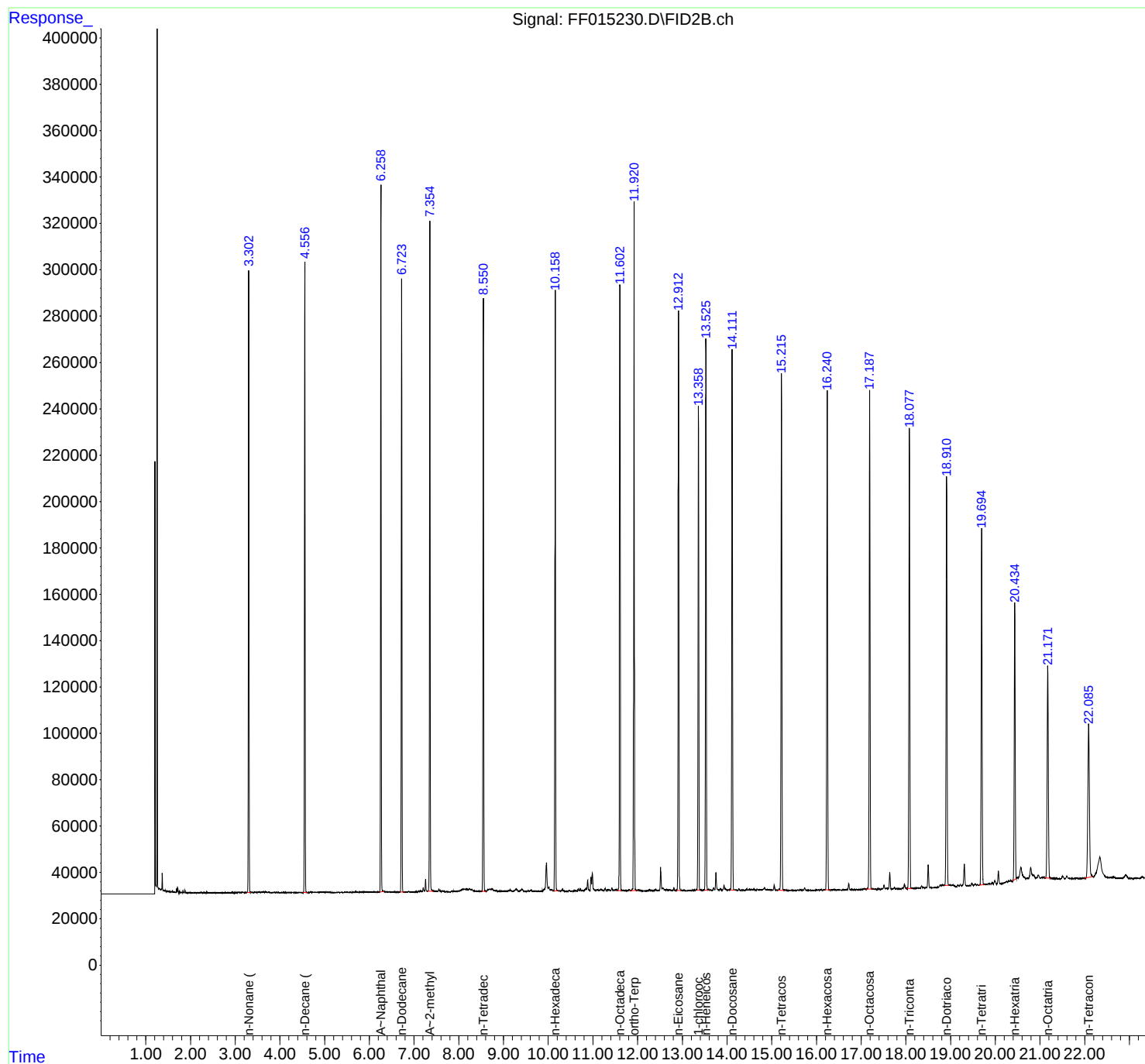
(m)=manual int.

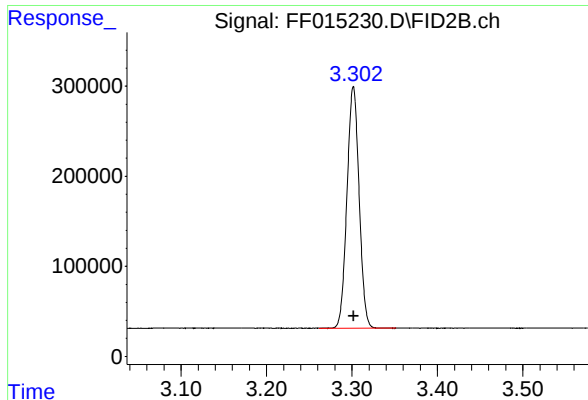
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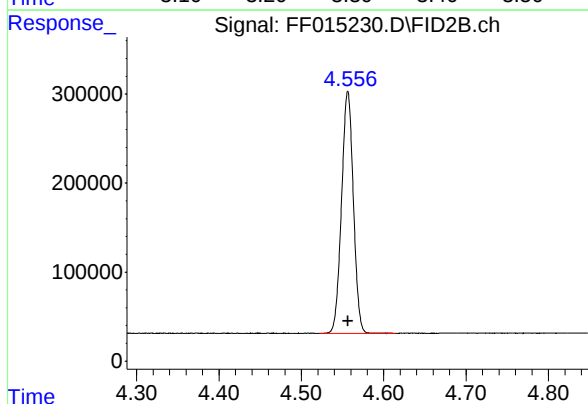




#1 n-Nonane (C9)

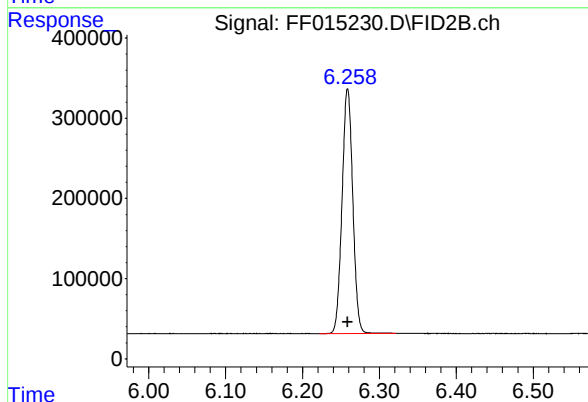
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 2645794
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



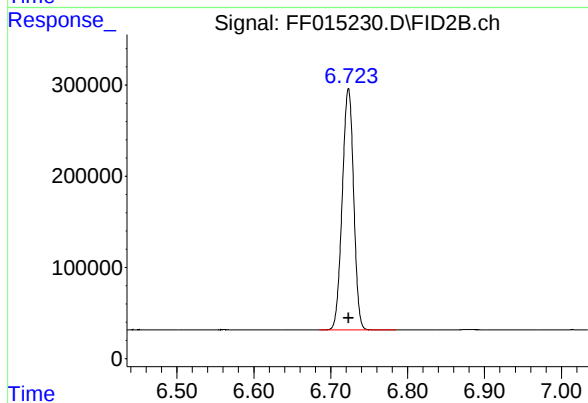
#2 n-Decane (C10)

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 2696276
Conc: 20.00 ug/ml



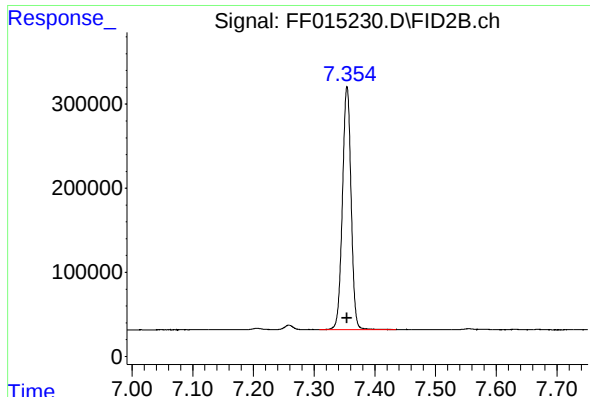
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 2946721
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

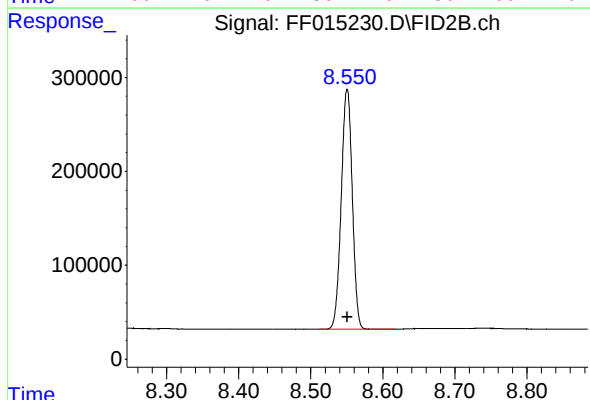
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2717761
Conc: 20.00 ug/ml



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

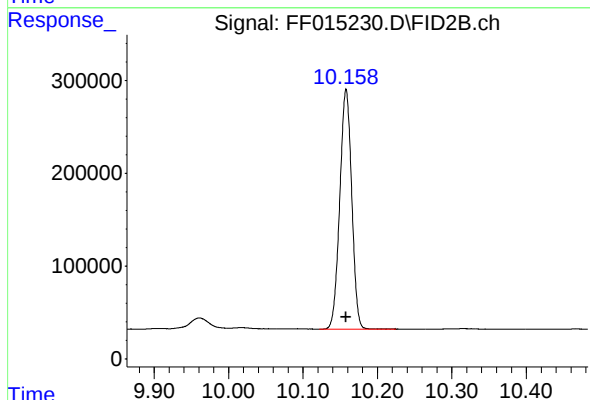
R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 2864501
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



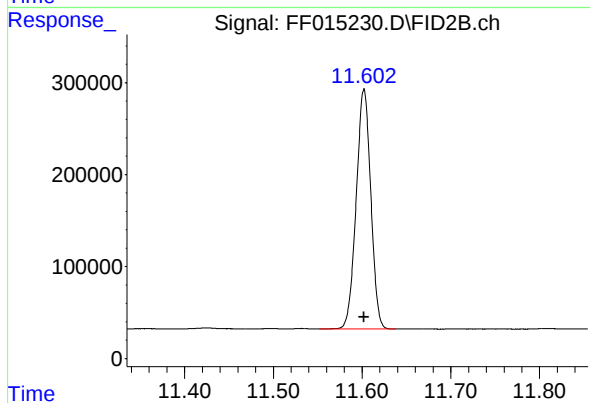
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: 0.000 min
Response: 2726969
Conc: 20.00 ug/ml



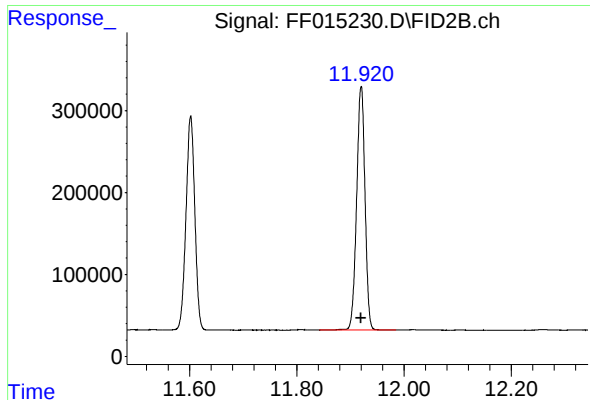
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.000 min
Response: 2879736
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

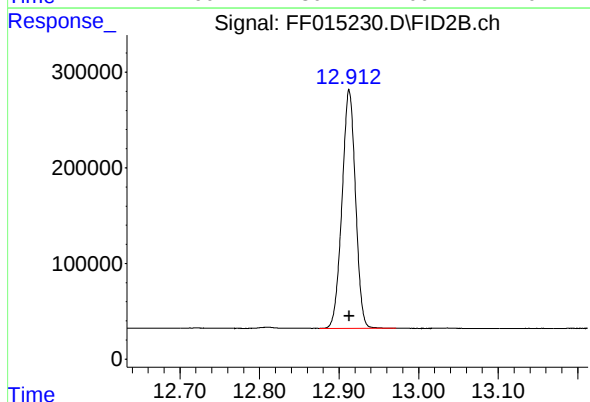
R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 2978815
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

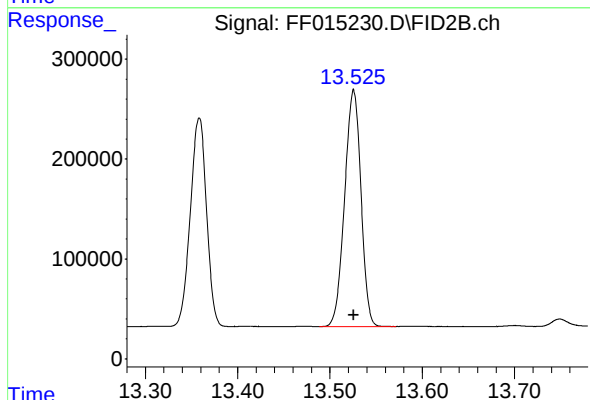
R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 3227403
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



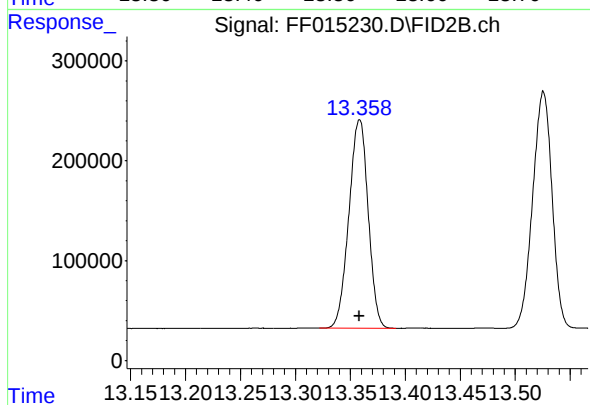
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.000 min
Response: 2940634
Conc: 20.00 ug/ml



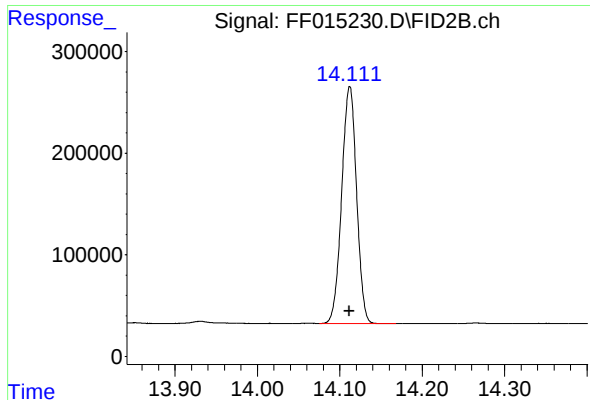
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 2912900
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

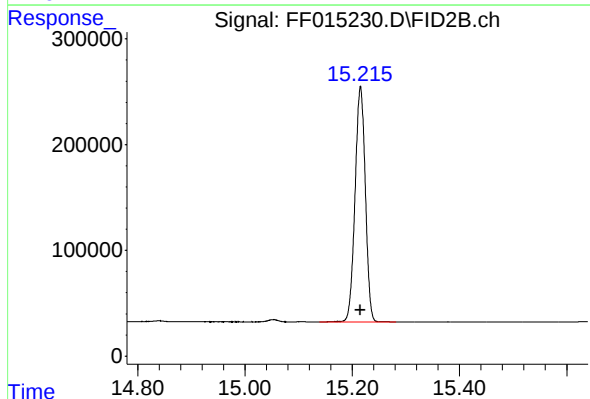
R.T.: 13.358 min
Delta R.T.: 0.000 min
Response: 2548697
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

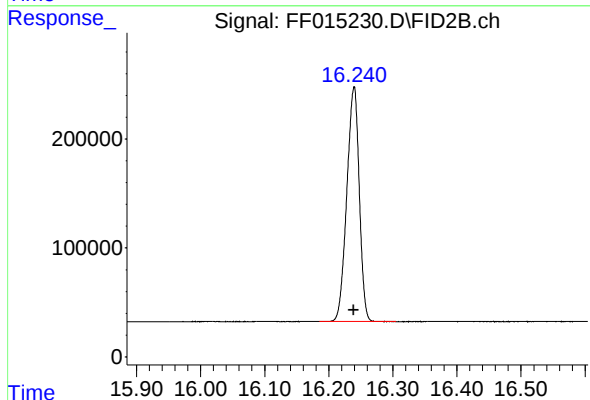
R.T.: 14.112 min
Delta R.T.: 0.000 min
Response: 2924017
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD3



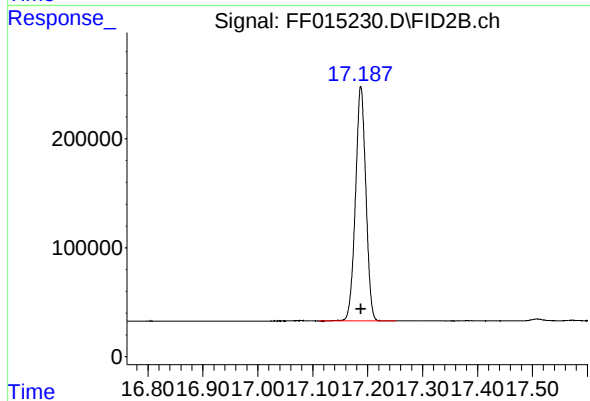
#14 n-Tetracosane (C24)

R.T.: 15.215 min
Delta R.T.: 0.000 min
Response: 2969264
Conc: 20.00 ug/ml



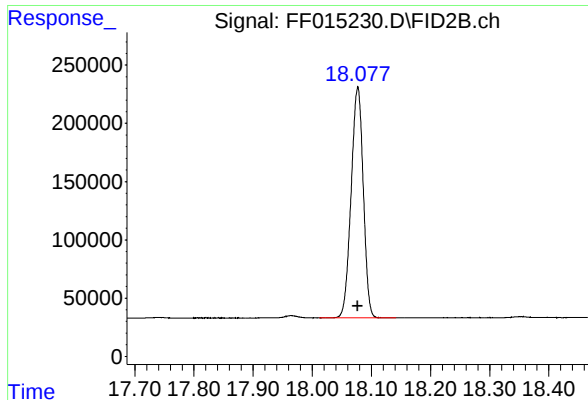
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: 0.000 min
Response: 2900118
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

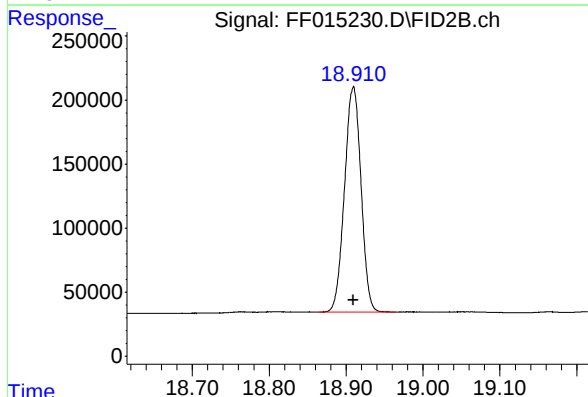
R.T.: 17.188 min
Delta R.T.: 0.000 min
Response: 2833858
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

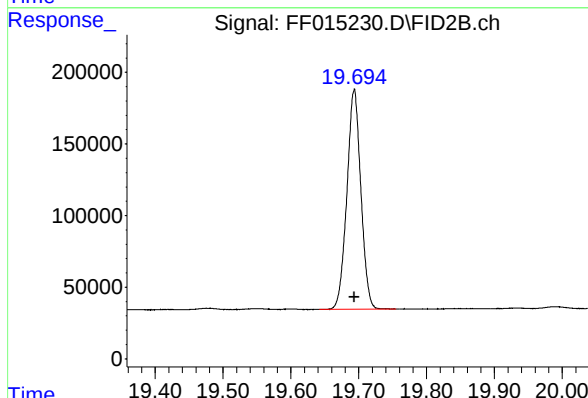
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2825626
Conc: 20.00 ug/ml

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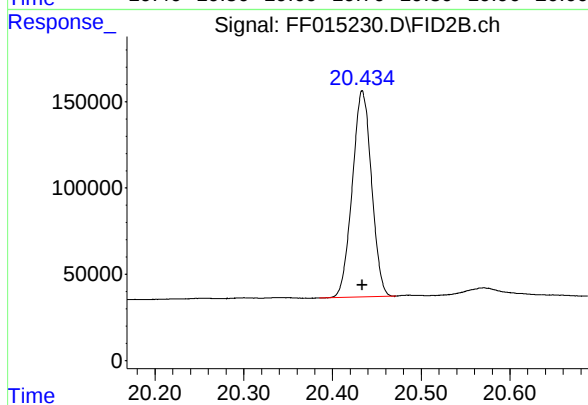
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.000 min
Response: 2622183
Conc: 20.00 ug/ml



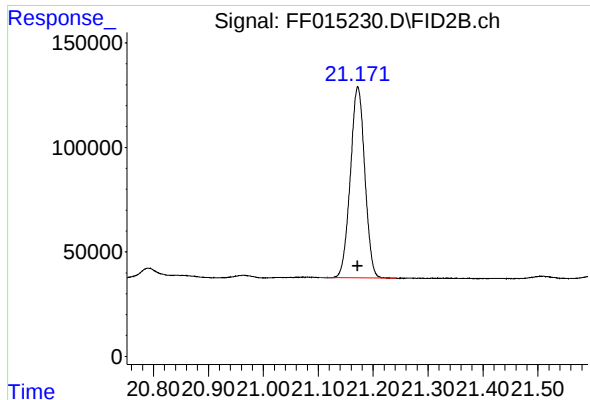
#19 n-Tetatriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.000 min
Response: 2195313
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

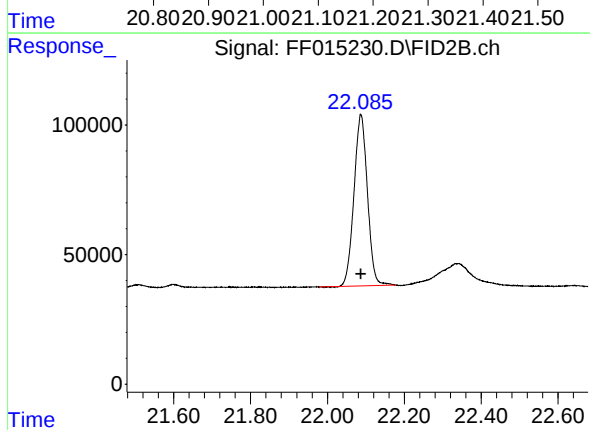
R.T.: 20.434 min
Delta R.T.: 0.000 min
Response: 1797979
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.000 min
Response: 1671820
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: 0.000 min
Response: 1607763
Conc: 20.00 ug/ml