

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045558.D
 Signal(s) : FID2B.ch
 Acq On : 02 May 2023 20:43
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: May 03 00:55:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 00:55:06 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)	11.440	3347049	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.873	2256532	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.257	2817448	20.000 ug/ml
2) T n-Decane (C10)	4.316	2872060	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.882	3112527	20.000 ug/ml
4) T n-Dodecane (C12)	6.321	2880418	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.933	2952152	20.000 ug/ml
6) T n-Tetradecane (C14)	8.108	2858443	20.000 ug/ml
7) T n-Hexadecane (C16)	9.699	2930995	20.000 ug/ml
8) T n-Octadecane (C18)	11.133	2968220	20.000 ug/ml
10) T n-Eicosane (C20)	12.434	2809513	20.000 ug/ml
11) T n-Heneicosane (C21)	13.042	2746113	20.000 ug/ml
13) T n-Docosane (C22)	13.624	2706212	20.000 ug/ml
14) T n-Tetracosane (C24)	14.720	2643007	20.000 ug/ml
15) T n-Hexacosane (C26)	15.733	2539797	20.000 ug/ml
16) T n-Octacosane (C28)	16.677	2437671	20.000 ug/ml
17) T n-Tricontane (C30)	17.557	2414249	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.384	2346289	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.161	2277555	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.896	2174110	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.598	2064077	20.000 ug/ml
22) T n-Tetracontane (C40)	21.433	1924482	20.000 ug/ml

(f)=RT Delta > 1/2 Window

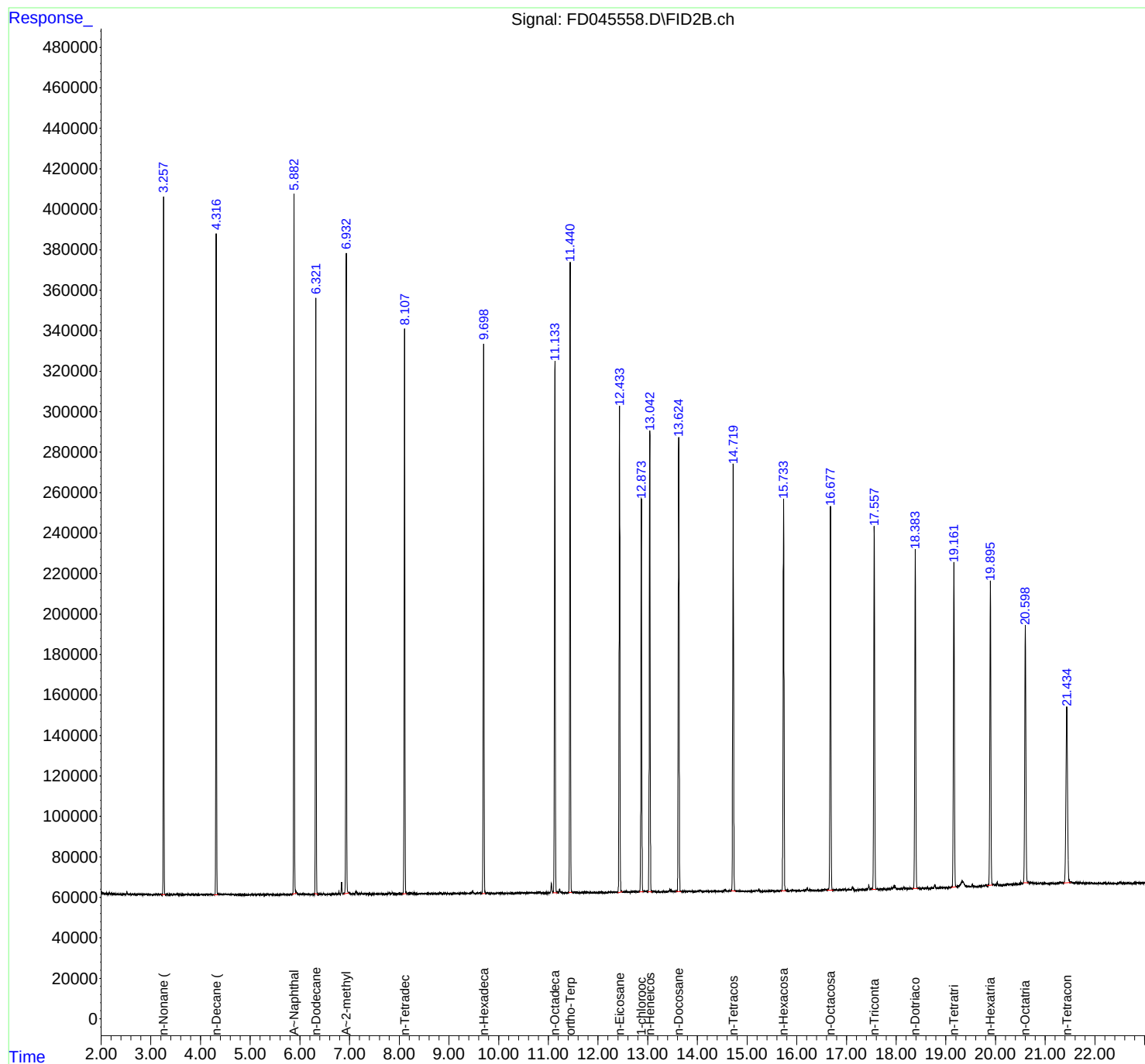
(m)=manual int.

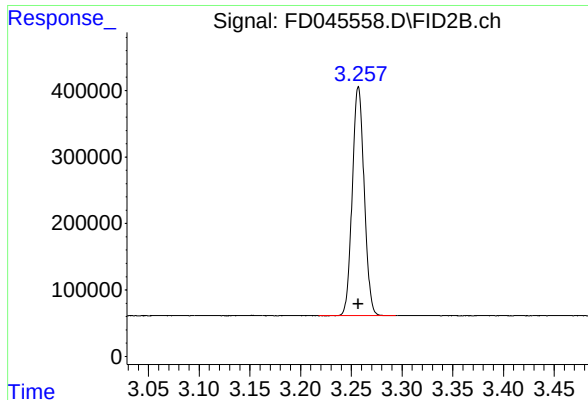
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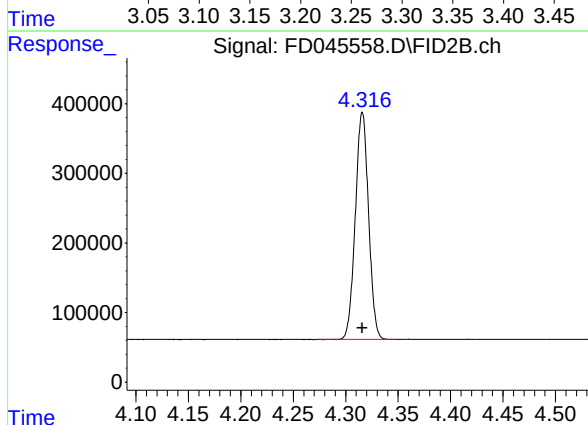




#1 n-Nonane (C9)

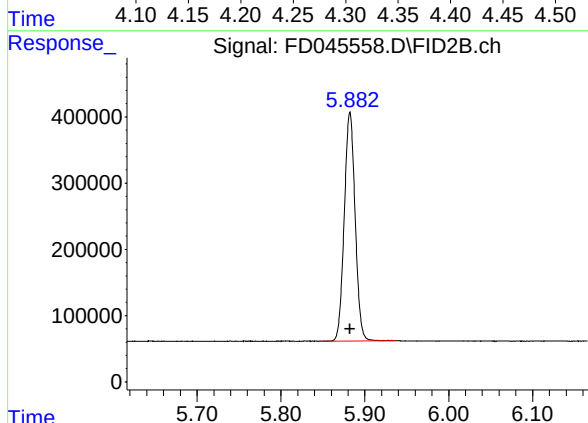
R.T.: 3.257 min
Delta R.T.: 0.000 min
Response: 2817448
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD3



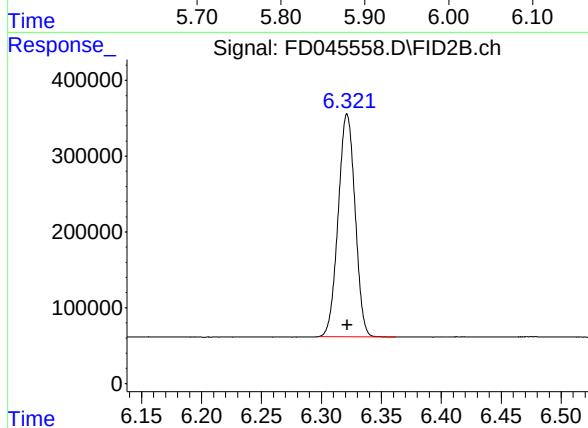
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 2872060
Conc: 20.00 ug/ml



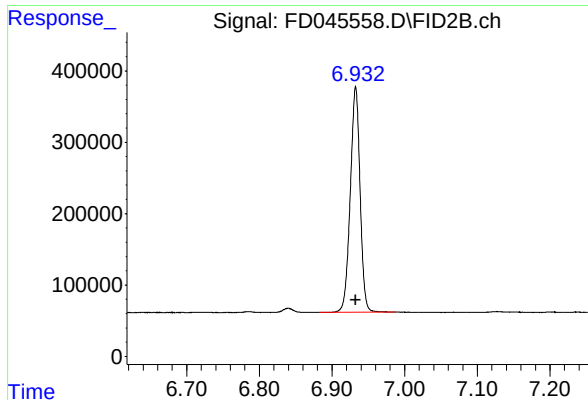
#3 A~Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 3112527
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

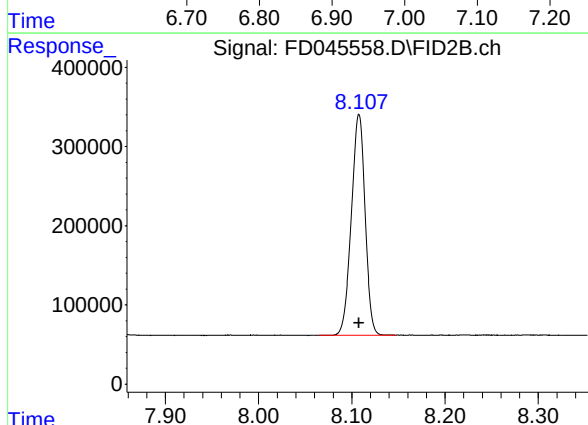
R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 2880418
Conc: 20.00 ug/ml



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

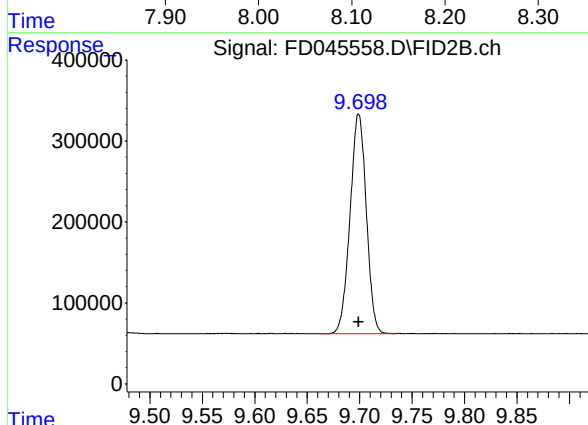
R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 2952152
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



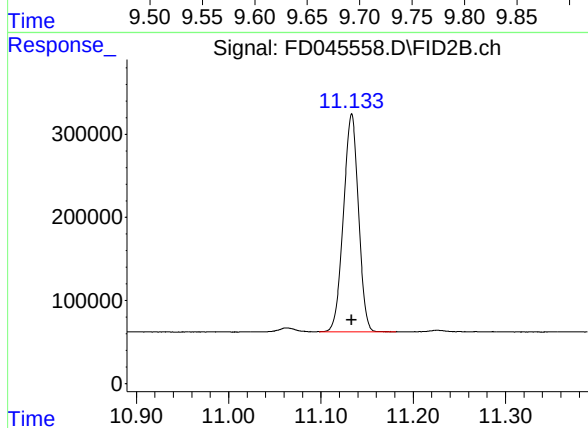
#6 n-Tetradecane (C14)

R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 2858443
Conc: 20.00 ug/ml



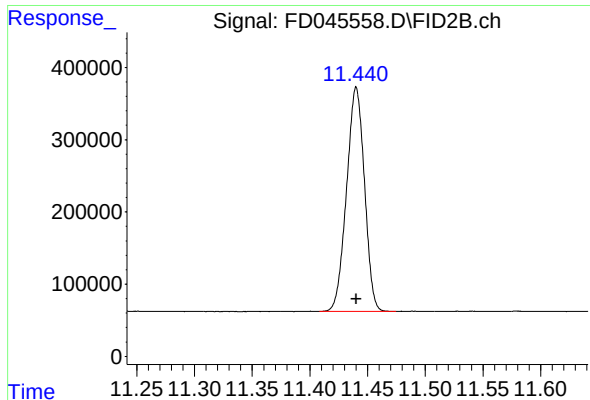
#7 n-Hexadecane (C16)

R.T.: 9.699 min
Delta R.T.: 0.000 min
Response: 2930995
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

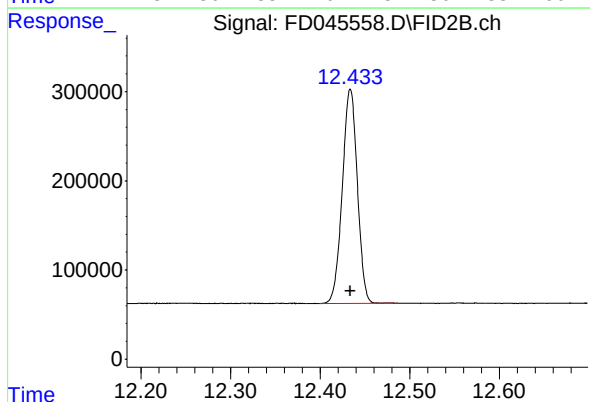
R.T.: 11.133 min
Delta R.T.: 0.000 min
Response: 2968220
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

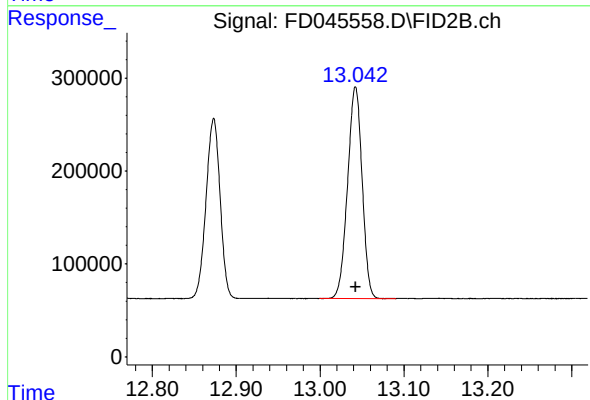
R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3347049
Conc: 20.00 ug/ml

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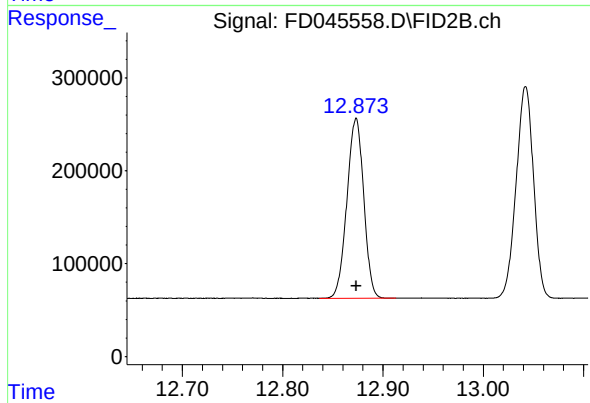
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 2809513
Conc: 20.00 ug/ml



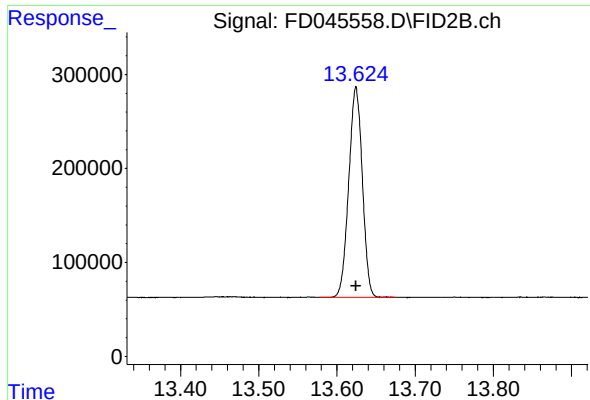
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 2746113
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

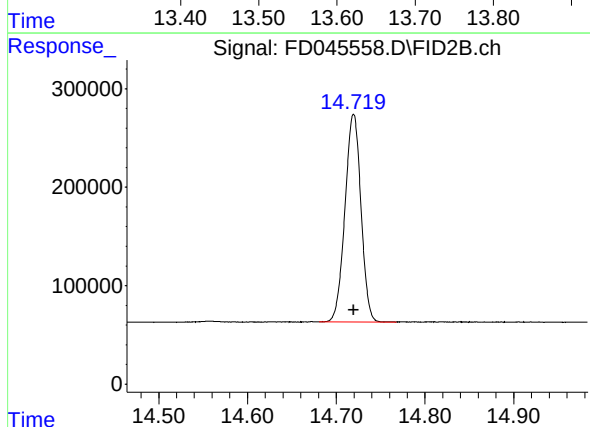
R.T.: 12.873 min
Delta R.T.: 0.000 min
Response: 2256532
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

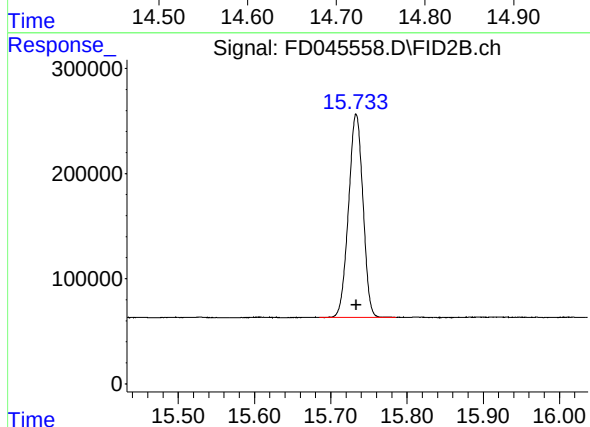
R.T.: 13.624 min
Delta R.T.: 0.000 min
Response: 2706212
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



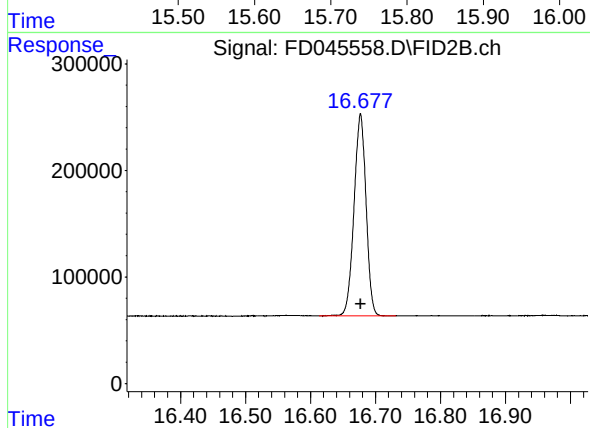
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2643007
Conc: 20.00 ug/ml



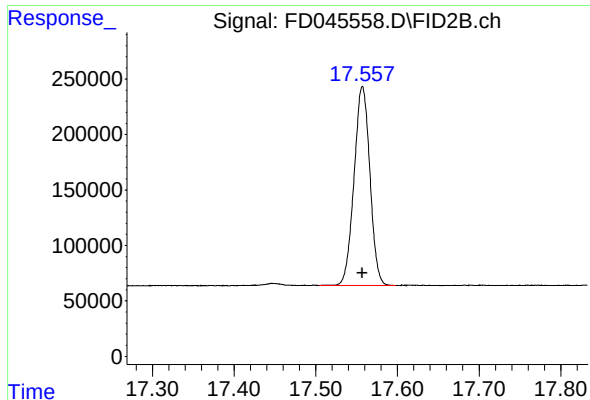
#15 n-Hexacosane (C26)

R.T.: 15.733 min
Delta R.T.: 0.000 min
Response: 2539797
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

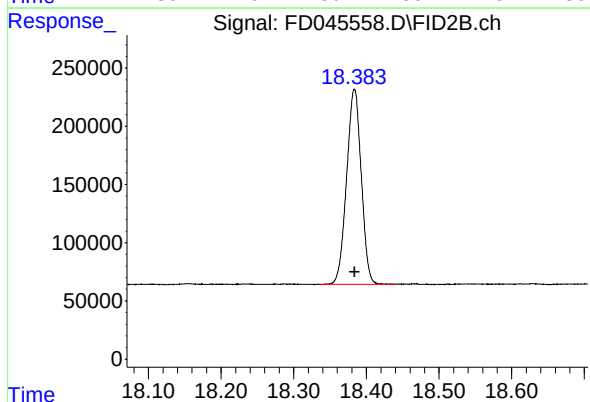
R.T.: 16.677 min
Delta R.T.: 0.000 min
Response: 2437671
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

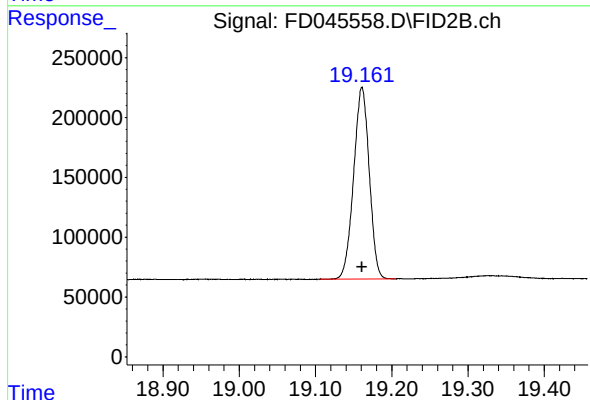
R.T.: 17.557 min
Delta R.T.: 0.000 min
Response: 2414249
Conc: 20.00 ug/ml

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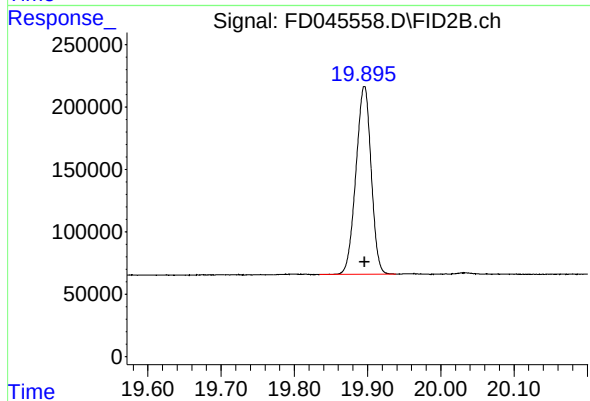
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.000 min
Response: 2346289
Conc: 20.00 ug/ml



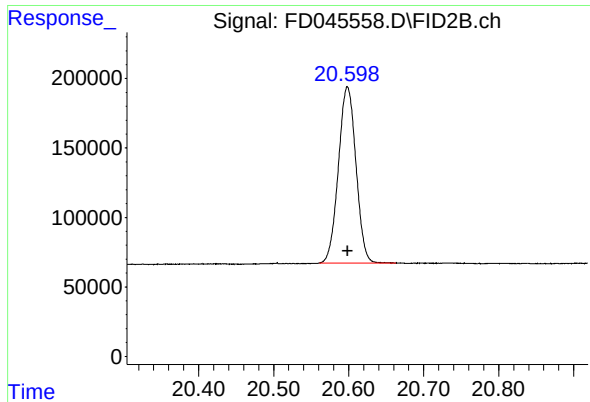
#19 n-Tetatriacontane (C34)

R.T.: 19.161 min
Delta R.T.: 0.000 min
Response: 2277555
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

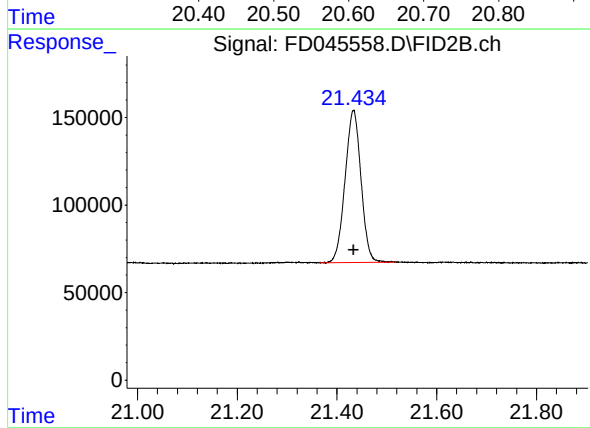
R.T.: 19.896 min
Delta R.T.: 0.000 min
Response: 2174110
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: 0.000 min
Response: 2064077
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.433 min
Delta R.T.: 0.000 min
Response: 1924482
Conc: 20.00 ug/ml