

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050223AL\
 Data File : FD045563.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 01:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 03 01:44:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 050223.M
 Quant Title : GC Extractables
 QLast Update : Wed May 03 01:03:28 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	3358565	19.833 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	12.874	2259205	19.856 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T n-Nonane (C9)	3.257	2806327	19.859 ug/ml
2) T n-Decane (C10)	4.316	2857275	19.823 ug/ml
3) T A~Naphthalene (C11.7)	5.883	3129463	20.006 ug/ml
4) T n-Dodecane (C12)	6.322	2869508	19.811 ug/ml
5) T A~2-methylnaphthalene...	6.932	2954009	19.862 ug/ml
6) T n-Tetradecane (C14)	8.107	2847635	19.824 ug/ml
7) T n-Hexadecane (C16)	9.699	2920677	19.834 ug/ml
8) T n-Octadecane (C18)	11.133	2958265	19.795 ug/ml
10) T n-Eicosane (C20)	12.434	2806000	19.869 ug/ml
11) T n-Heneicosane (C21)	13.042	2748627	19.877 ug/ml
13) T n-Docosane (C22)	13.624	2714683	19.928 ug/ml
14) T n-Tetracosane (C24)	14.720	2643037	19.850 ug/ml
15) T n-Hexacosane (C26)	15.734	2543628	19.900 ug/ml
16) T n-Octacosane (C28)	16.675	2442552	19.900 ug/ml
17) T n-Tricontane (C30)	17.557	2412488	19.833 ug/ml
18) T n-Dotriacontane (C32)	18.384	2328126	19.656 ug/ml
19) T n-Tetratriacontane (C34)	19.160	2231955	19.450 ug/ml
20) T n-Hexatriacontane (C36)	19.894	2075525	19.095 ug/ml
21) T n-Octatriacontane (C38)	20.599	1905973	18.504 ug/ml
22) T n-Tetracontane (C40)	21.430	1625547	17.175 ug/ml

(f)=RT Delta > 1/2 Window

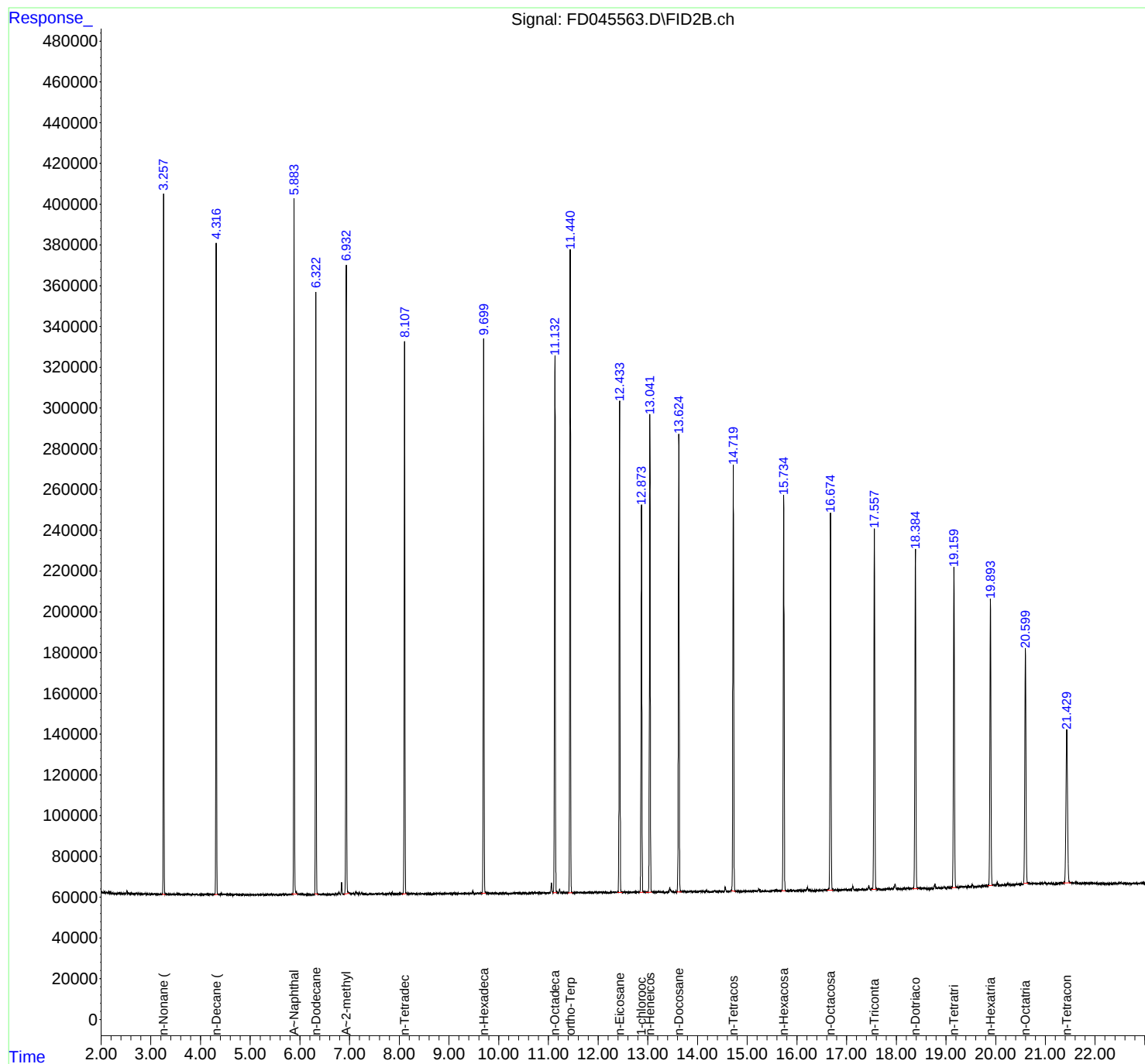
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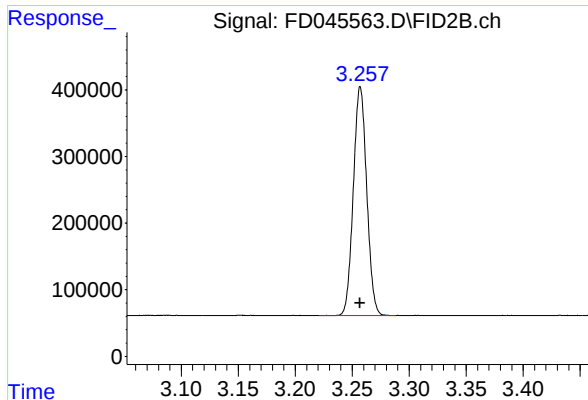
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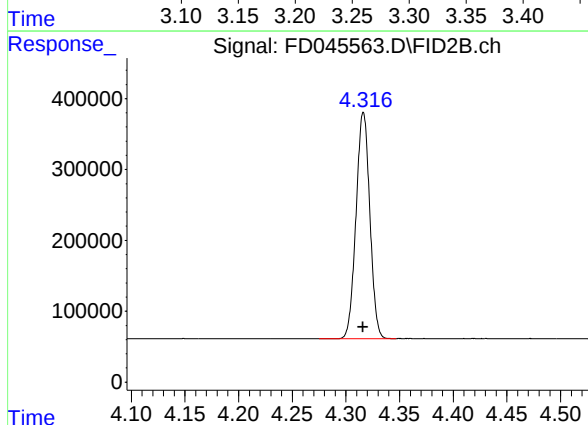




#1 n-Nonane (C9)

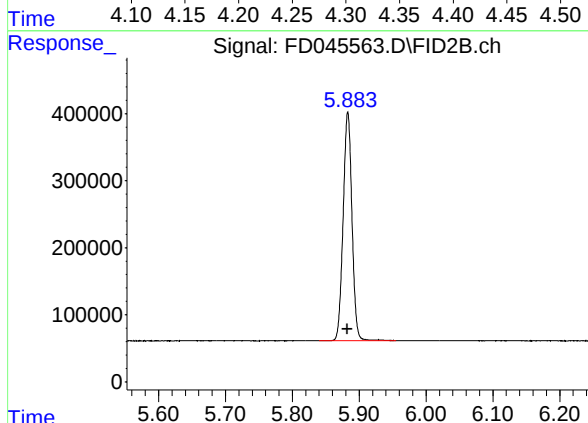
R.T.: 3.257 min
Delta R.T.: 0.000 min
Response: 2806327
Conc: 19.86 ug/ml

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20 PPM ALIPHATIC HC STD



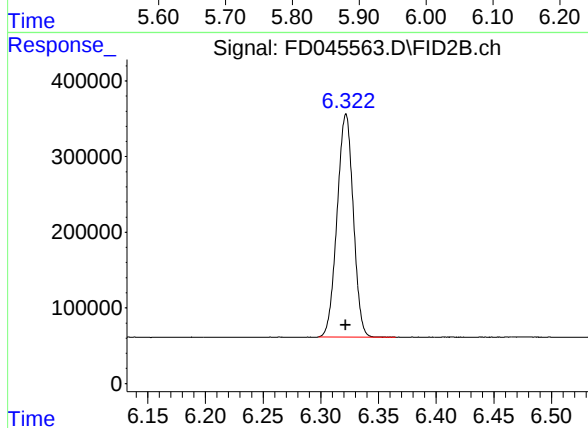
#2 n-Decane (C10)

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 2857275
Conc: 19.82 ug/ml



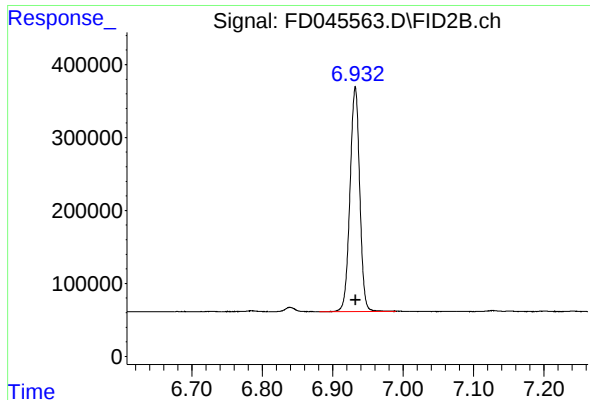
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 3129463
Conc: 20.01 ug/ml



#4 n-Dodecane (C12)

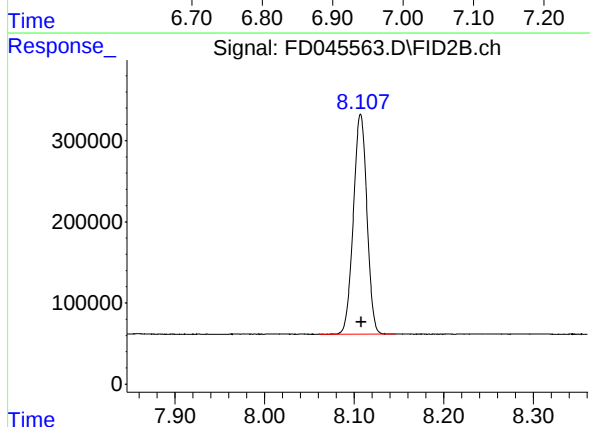
R.T.: 6.322 min
Delta R.T.: 0.000 min
Response: 2869508
Conc: 19.81 ug/ml



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

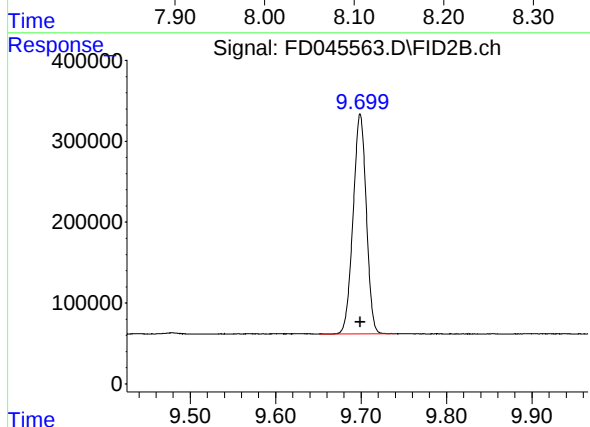
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2954009
Conc: 19.86 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



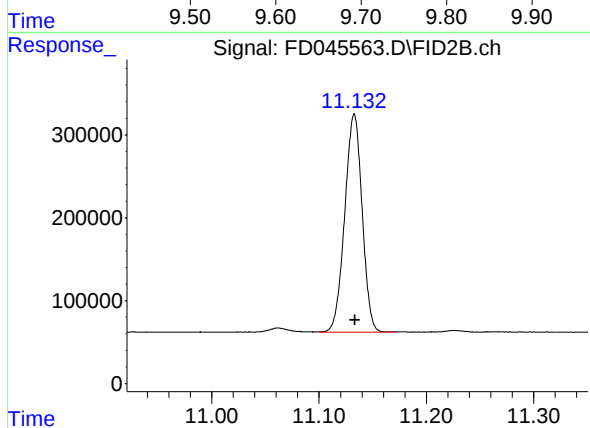
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: 0.000 min
Response: 2847635
Conc: 19.82 ug/ml



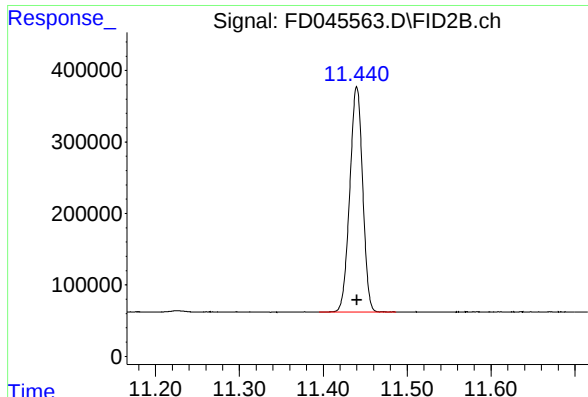
#7 n-Hexadecane (C16)

R.T.: 9.699 min
Delta R.T.: 0.000 min
Response: 2920677
Conc: 19.83 ug/ml



#8 n-Octadecane (C18)

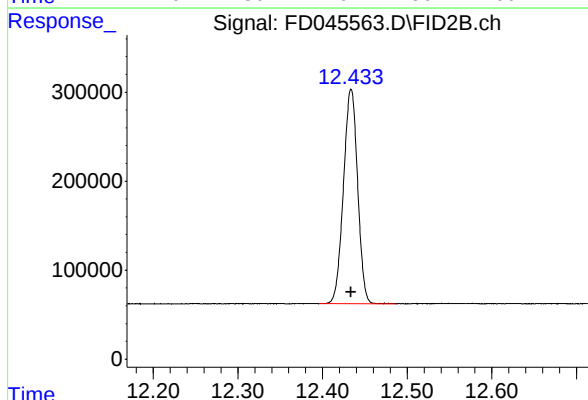
R.T.: 11.133 min
Delta R.T.: 0.000 min
Response: 2958265
Conc: 19.80 ug/ml



#9 ortho-Terphenyl (SURR)

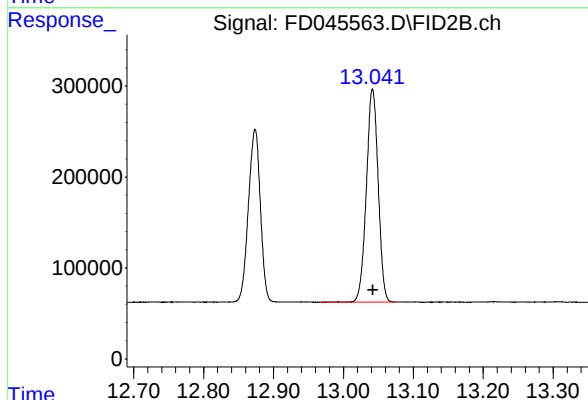
R.T.: 11.440 min
Delta R.T.: 0.000 min
Response: 3358565
Conc: 19.83 ug/ml

Instrument :
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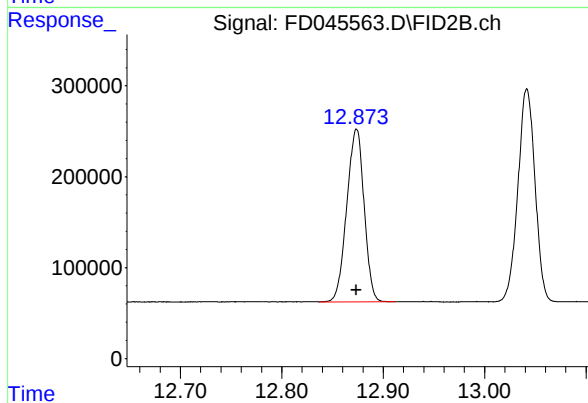
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 2806000
Conc: 19.87 ug/ml



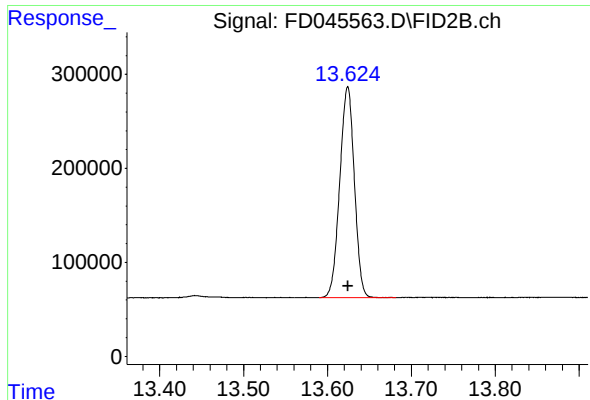
#11 n-Heneicosane (C21)

R.T.: 13.042 min
Delta R.T.: 0.000 min
Response: 2748627
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

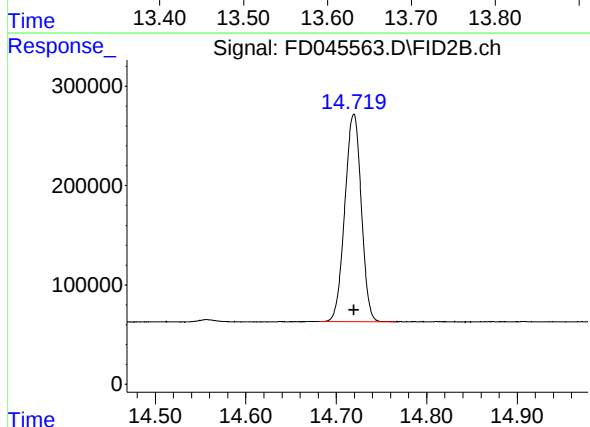
R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 2259205
Conc: 19.86 ug/ml



#13 n-Docosane (C22)

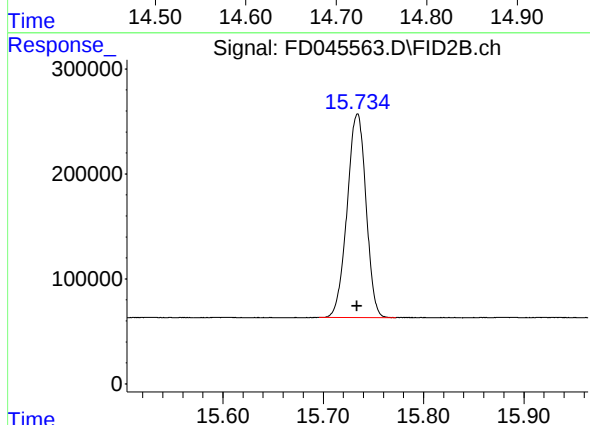
R.T.: 13.624 min
Delta R.T.: 0.000 min
Response: 2714683
Conc: 19.93 ug/ml

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20 PPM ALIPHATIC HC STD



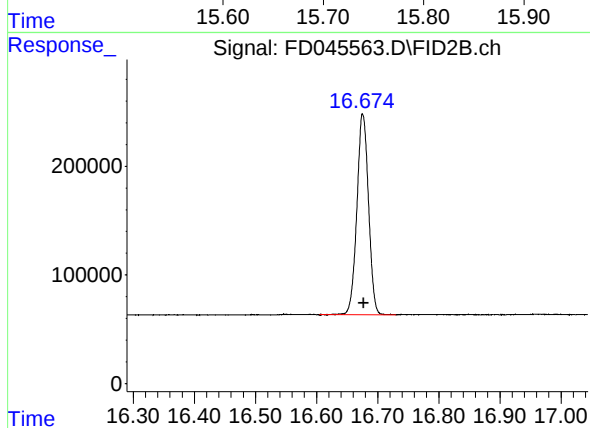
#14 n-Tetracosane (C24)

R.T.: 14.720 min
Delta R.T.: 0.000 min
Response: 2643037
Conc: 19.85 ug/ml



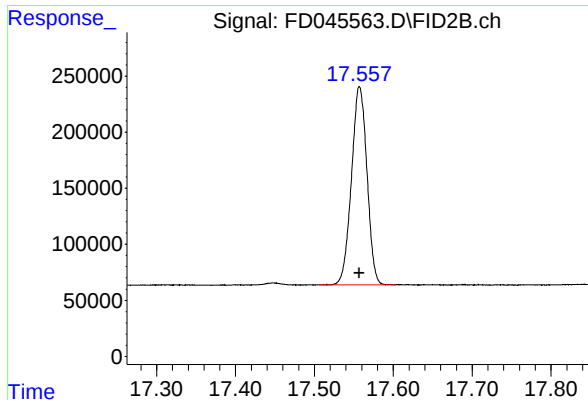
#15 n-Hexacosane (C26)

R.T.: 15.734 min
Delta R.T.: 0.000 min
Response: 2543628
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

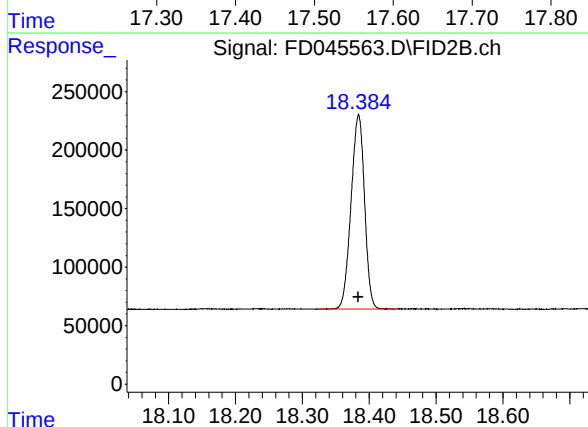
R.T.: 16.675 min
Delta R.T.: -0.002 min
Response: 2442552
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

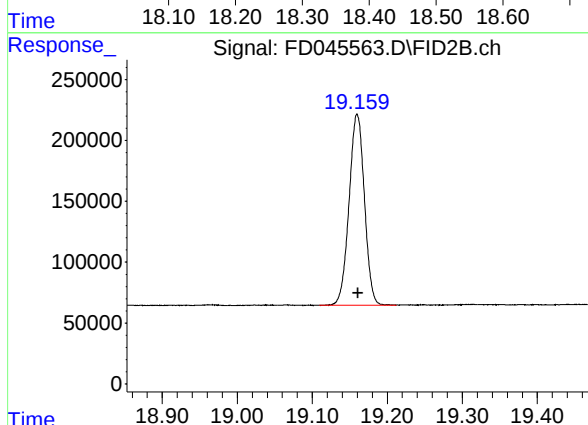
R.T.: 17.557 min
Delta R.T.: 0.000 min
Response: 2412488
Conc: 19.83 ug/ml

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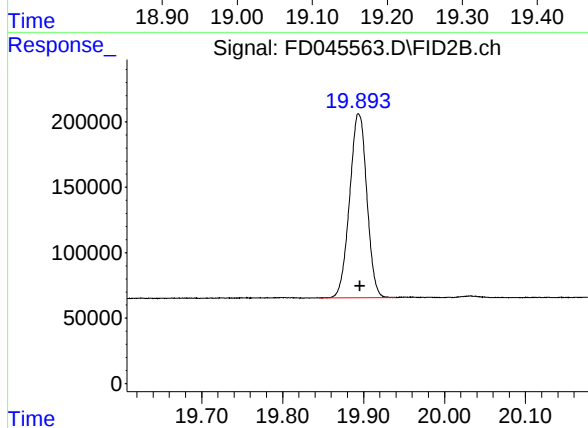
#18 n-Dotriacontane (C32)

R.T.: 18.384 min
Delta R.T.: 0.000 min
Response: 2328126
Conc: 19.66 ug/ml



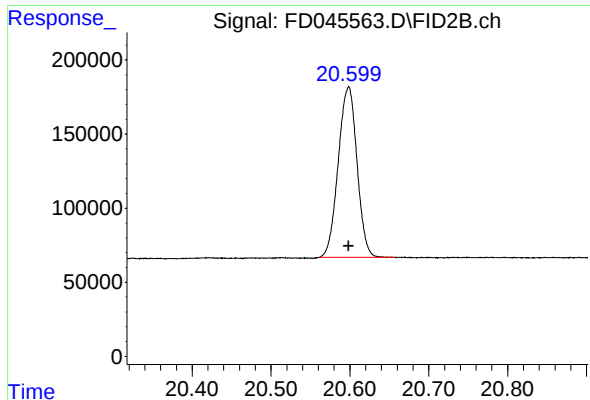
#19 n-Tetatriacontane (C34)

R.T.: 19.160 min
Delta R.T.: -0.001 min
Response: 2231955
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

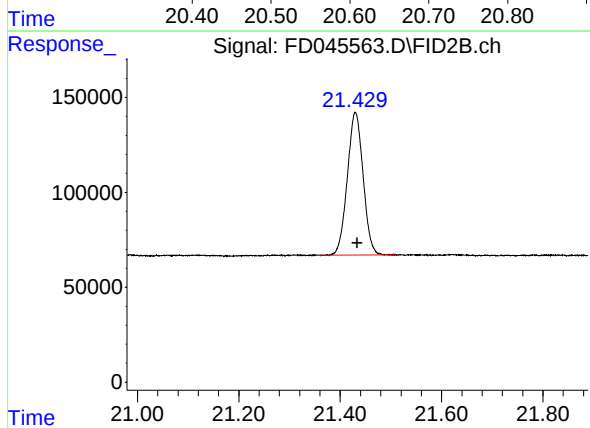
R.T.: 19.894 min
Delta R.T.: -0.002 min
Response: 2075525
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.599 min
Delta R.T.: 0.000 min
Response: 1905973
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.430 min
Delta R.T.: -0.003 min
Response: 1625547
Conc: 17.18 ug/ml