

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072320AL\
 Data File : FD034129.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jul 2020 20:24
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 24 03:18:21 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 04:25:35 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.611	2868309	21.134 ug/ml
Spiked Amount 50.000		Recovery =	42.27%
12) S 1-chlorooctadecane (S...	13.039	2332170	20.967 ug/ml
Spiked Amount 50.000		Recovery =	41.93%
Target Compounds			
1) T n-Nonane (C9)	3.390	2617964	21.811 ug/ml
2) T n-Decane (C10)	4.457	2654000	21.939 ug/ml
3) T A~Naphthalene (C11.7)	6.041	2957448	21.925 ug/ml
4) T n-Dodecane (C12)	6.471	2692383	21.933 ug/ml
5) T A~2-methylnaphthalene...	7.095	3018991	21.893 ug/ml
6) T n-Tetradecane (C14)	8.260	2687582	22.006 ug/ml
7) T n-Hexadecane (C16)	9.855	2650563	21.794 ug/ml
8) T n-Octadecane (C18)	11.292	2739696	21.605 ug/ml
10) T n-Eicosane (C20)	12.596	2727138	21.318 ug/ml
11) T n-Heneicosane (C21)	13.205	2701648	21.090 ug/ml
13) T n-Docosane (C22)	13.789	2681495	20.916 ug/ml
14) T n-Tetracosane (C24)	14.887	2628400	20.482 ug/ml
15) T n-Hexacosane (C26)	15.903	2540229	19.958 ug/ml
16) T n-Octacosane (C28)	16.848	2472465	19.476 ug/ml
17) T n-Tricontane (C30)	17.731	2376488	19.211 ug/ml
18) T n-Dotriacontane (C32)	18.558	2143199	19.025 ug/ml
19) T n-Tetratriacontane (C34)	19.337	1975543	18.756 ug/ml
20) T n-Hexatriacontane (C36)	20.072	1855141	18.402 ug/ml
21) T n-Octatriacontane (C38)	20.801	1762028	19.293 ug/ml
22) T n-Tetracontane (C40)	21.705	1800111	20.253 ug/ml

(f)=RT Delta > 1/2 Window

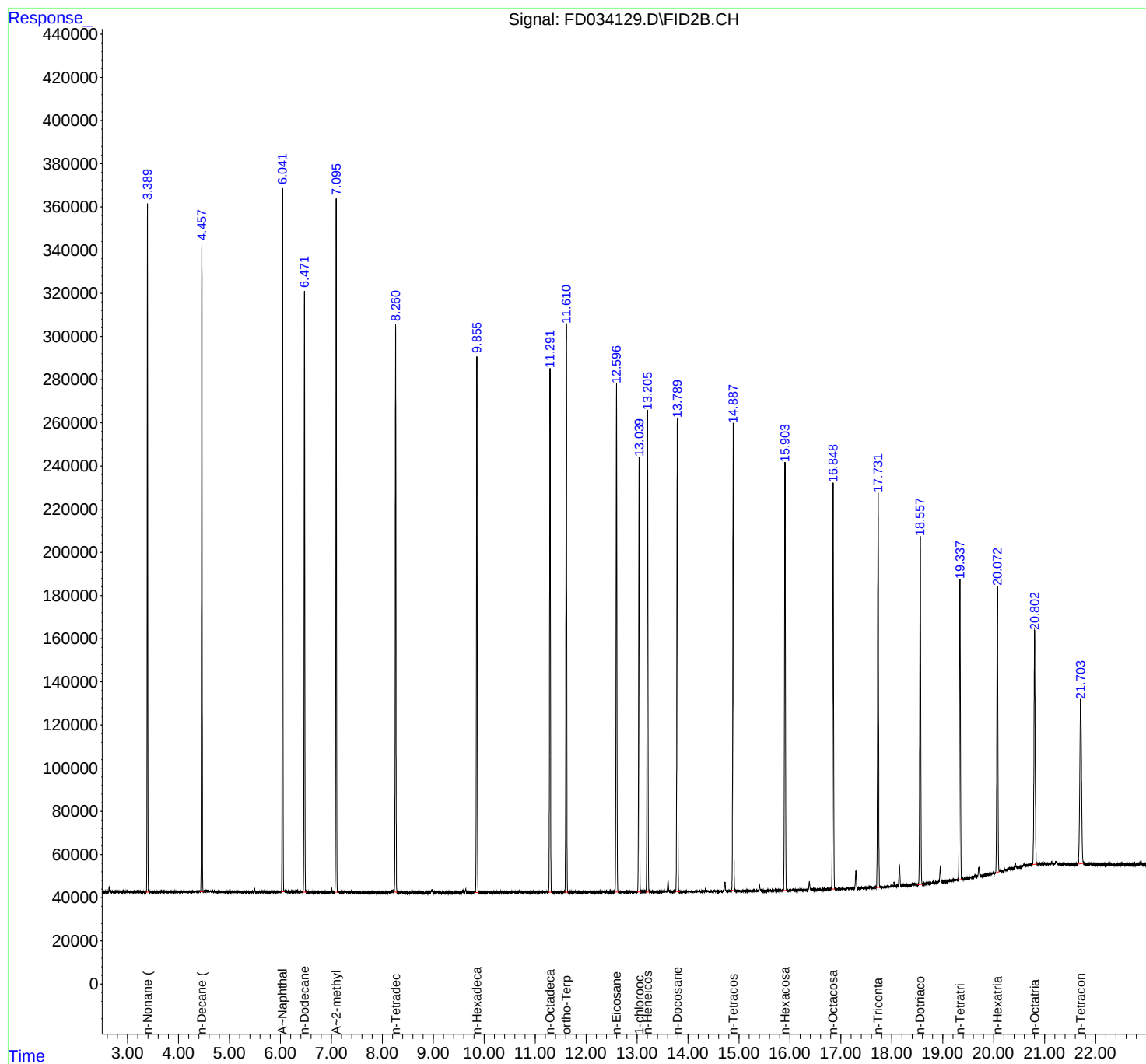
(m)=manual int.

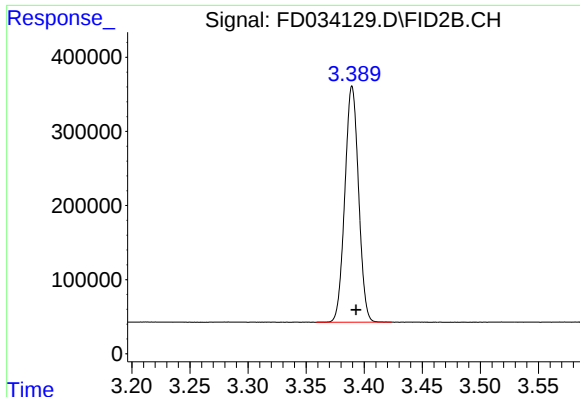
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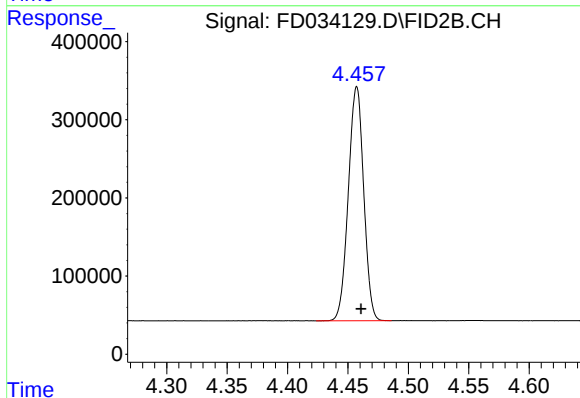




#1 n-Nonane (C9)

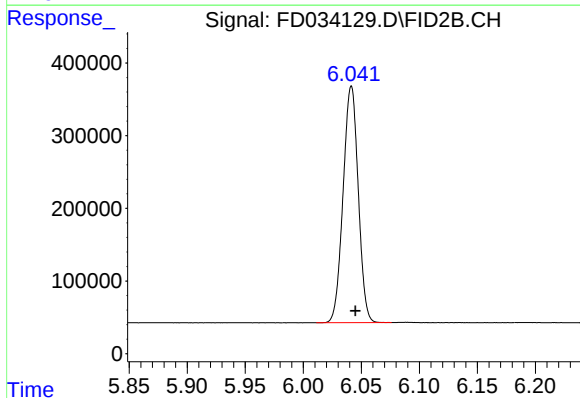
R.T.: 3.390 min
Delta R.T.: -0.003 min
Response: 2617964
Conc: 21.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



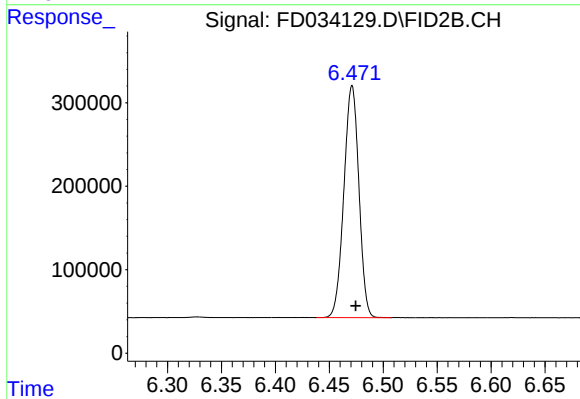
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.004 min
Response: 2654000
Conc: 21.94 ug/ml



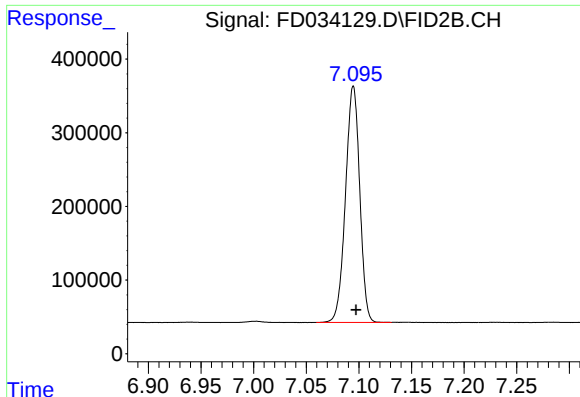
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 2957448
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

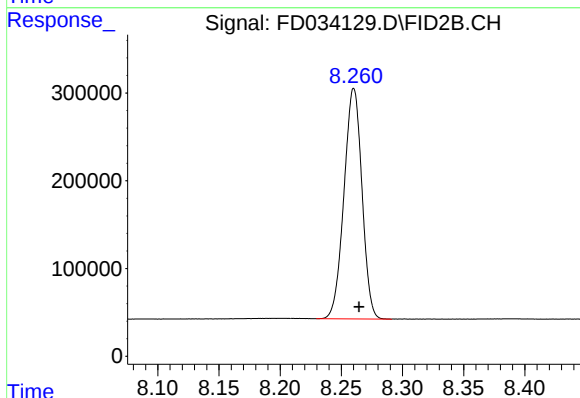
R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 2692383
Conc: 21.93 ug/ml



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

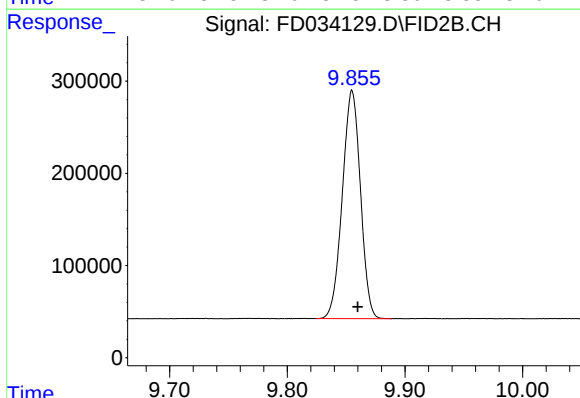
R.T.: 7.095 min
Delta R.T.: -0.002 min
Response: 3018991
Conc: 21.89 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



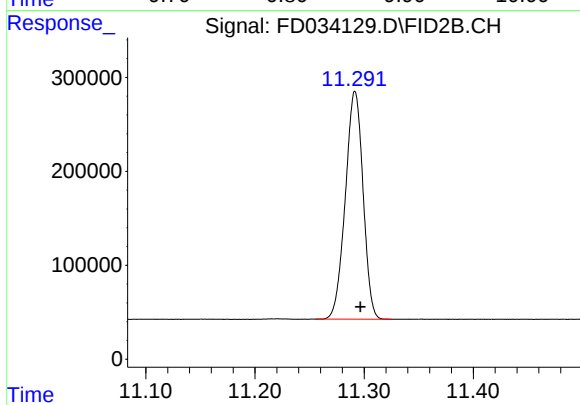
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.004 min
Response: 2687582
Conc: 22.01 ug/ml



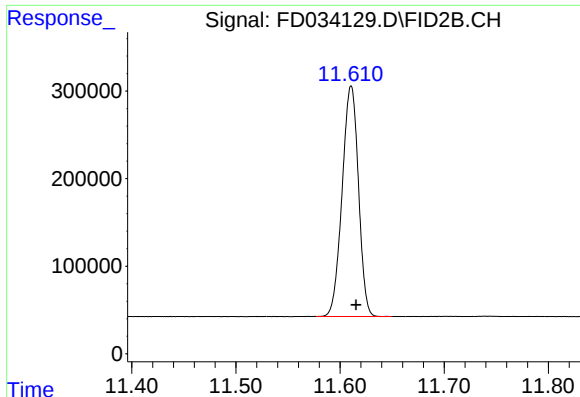
#7 n-Hexadecane (C16)

R.T.: 9.855 min
Delta R.T.: -0.005 min
Response: 2650563
Conc: 21.79 ug/ml



#8 n-Octadecane (C18)

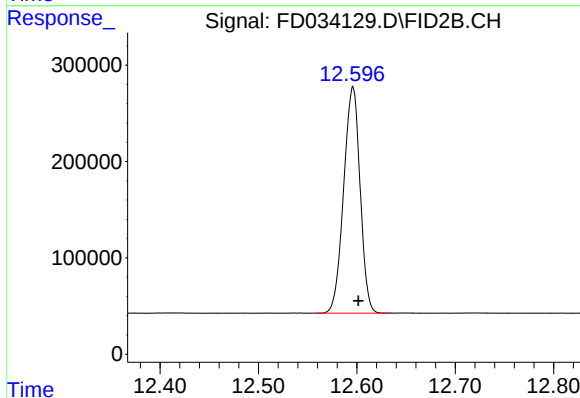
R.T.: 11.292 min
Delta R.T.: -0.005 min
Response: 2739696
Conc: 21.61 ug/ml



#9 ortho-Terphenyl (SURR)

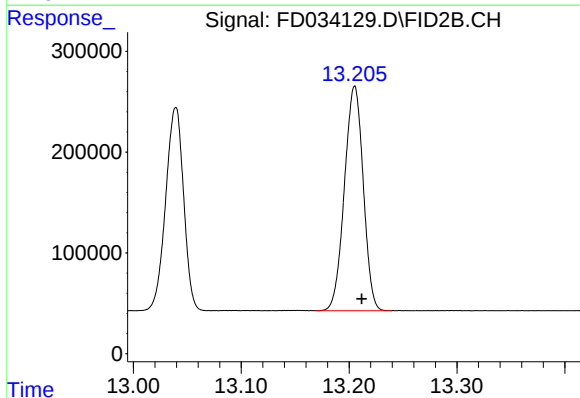
R.T.: 11.611 min
Delta R.T.: -0.005 min
Response: 2868309
Conc: 21.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



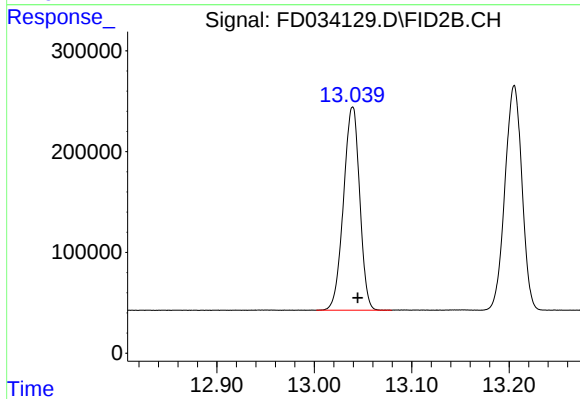
#10 n-Eicosane (C20)

R.T.: 12.596 min
Delta R.T.: -0.005 min
Response: 2727138
Conc: 21.32 ug/ml



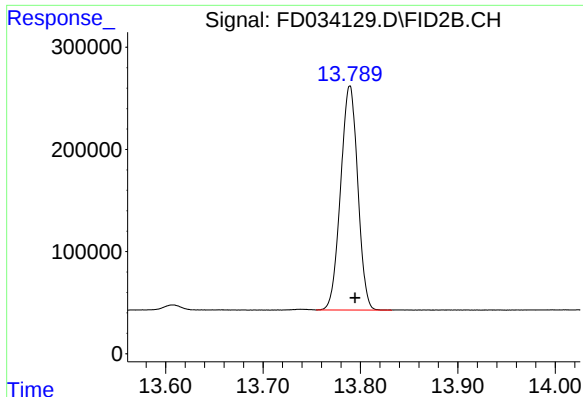
#11 n-Heneicosane (C21)

R.T.: 13.205 min
Delta R.T.: -0.006 min
Response: 2701648
Conc: 21.09 ug/ml



#12 1-chlorooctadecane (SURR)

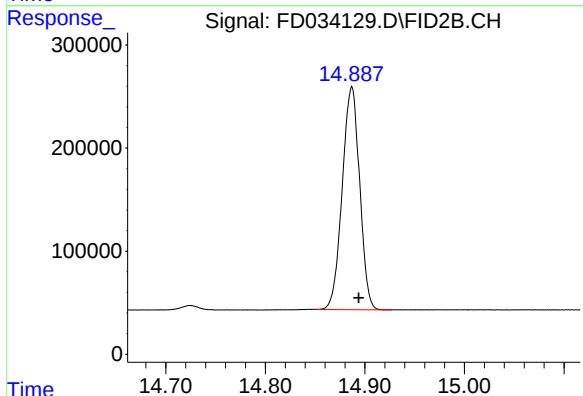
R.T.: 13.039 min
Delta R.T.: -0.005 min
Response: 2332170
Conc: 20.97 ug/ml



#13 n-Docosane (C22)

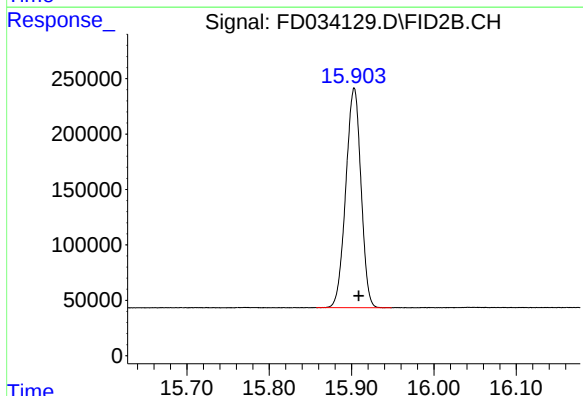
R.T.: 13.789 min
Delta R.T.: -0.005 min
Response: 2681495
Conc: 20.92 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



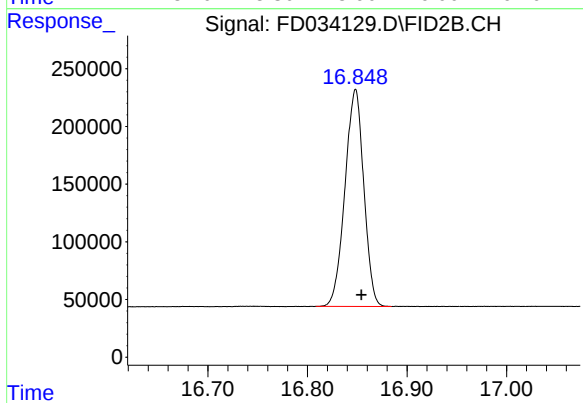
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.007 min
Response: 2628400
Conc: 20.48 ug/ml



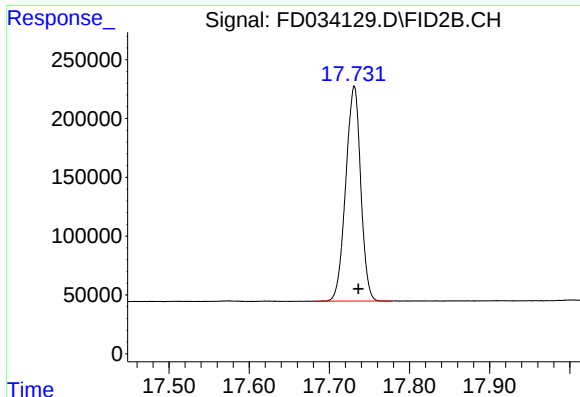
#15 n-Hexacosane (C26)

R.T.: 15.903 min
Delta R.T.: -0.006 min
Response: 2540229
Conc: 19.96 ug/ml



#16 n-Octacosane (C28)

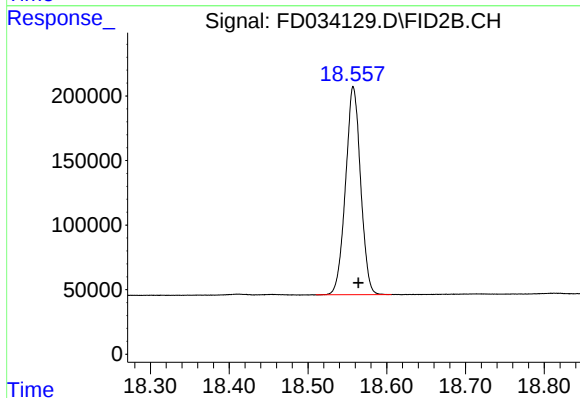
R.T.: 16.848 min
Delta R.T.: -0.006 min
Response: 2472465
Conc: 19.48 ug/ml



#17 n-Tricontane (C30)

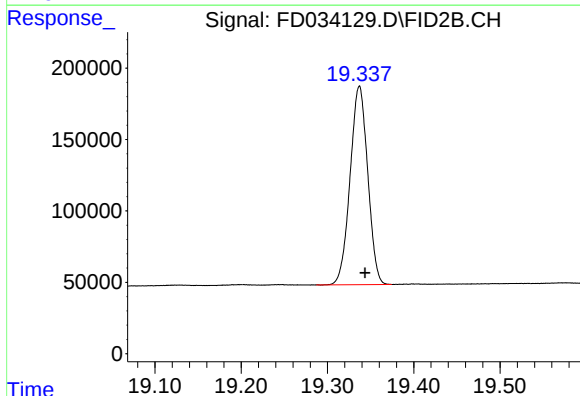
R.T.: 17.731 min
Delta R.T.: -0.005 min
Response: 2376488
Conc: 19.21 ug/ml

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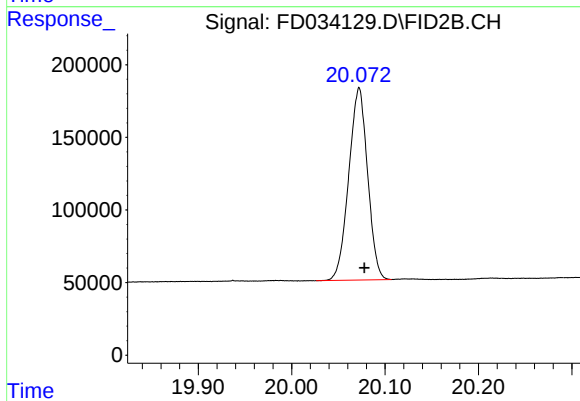
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.006 min
Response: 2143199
Conc: 19.03 ug/ml



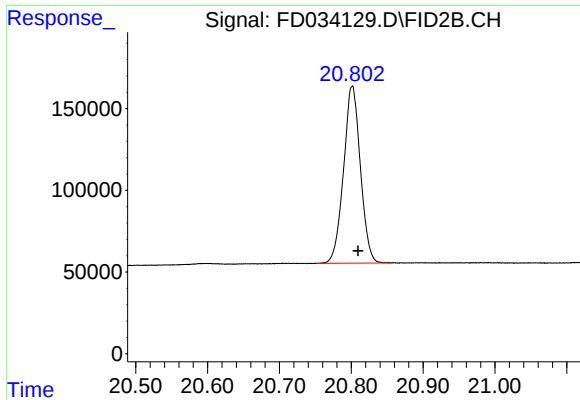
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: -0.007 min
Response: 1975543
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

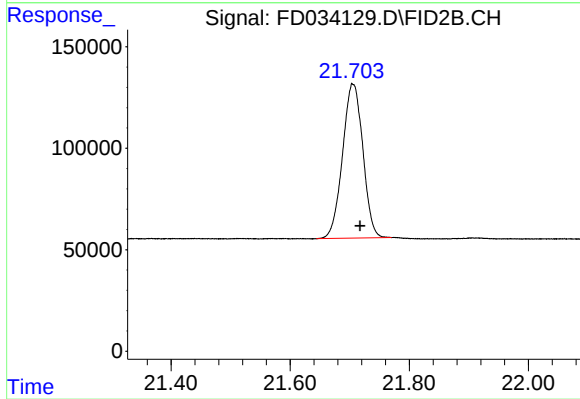
R.T.: 20.072 min
Delta R.T.: -0.006 min
Response: 1855141
Conc: 18.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.008 min
Response: 1762028
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: -0.012 min
Response: 1800111
Conc: 20.25 ug/ml