

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052120AL\
 Data File : FD033564.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2020 8:50
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 22 02:29:54 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 07:22:05 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)	11.470	2748892	20.216 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
12) S 1-chlorooctadecane (S...	12.901	2194948	19.740 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
Target Compounds			
1) T n-Nonane (C9)	3.290	2418758	21.067 ug/ml
2) T n-Decane (C10)	4.349	2452665	21.308 ug/ml
3) T A~Naphthalene (C11.7)	5.921	2653548	21.409 ug/ml
4) T n-Dodecane (C12)	6.352	2534494	21.272 ug/ml
5) T A~2-methylnaphthalene...	6.970	2704183	21.746 ug/ml
6) T n-Tetradecane (C14)	8.134	2554494	21.162 ug/ml
7) T n-Hexadecane (C16)	9.724	2500053	20.936 ug/ml
8) T n-Octadecane (C18)	11.158	2580878	20.352 ug/ml
10) T n-Eicosane (C20)	12.459	2567233	19.895 ug/ml
11) T n-Heneicosane (C21)	13.067	2544728	19.749 ug/ml
13) T n-Docosane (C22)	13.650	2522774	19.657 ug/ml
14) T n-Tetracosane (C24)	14.746	2472511	19.429 ug/ml
15) T n-Hexacosane (C26)	15.762	2401174	19.158 ug/ml
16) T n-Octacosane (C28)	16.705	2342533	18.845 ug/ml
17) T n-Tricontane (C30)	17.587	2229052	18.524 ug/ml
18) T n-Dotriacontane (C32)	18.415	2007597	18.332 ug/ml
19) T n-Tetratriacontane (C34)	19.194	1873869	18.284 ug/ml
20) T n-Hexatriacontane (C36)	19.929	1774042	18.528 ug/ml
21) T n-Octatriacontane (C38)	20.637	1677292	18.716 ug/ml
22) T n-Tetracontane (C40)	21.480	1767842	19.908 ug/ml

(f)=RT Delta > 1/2 Window

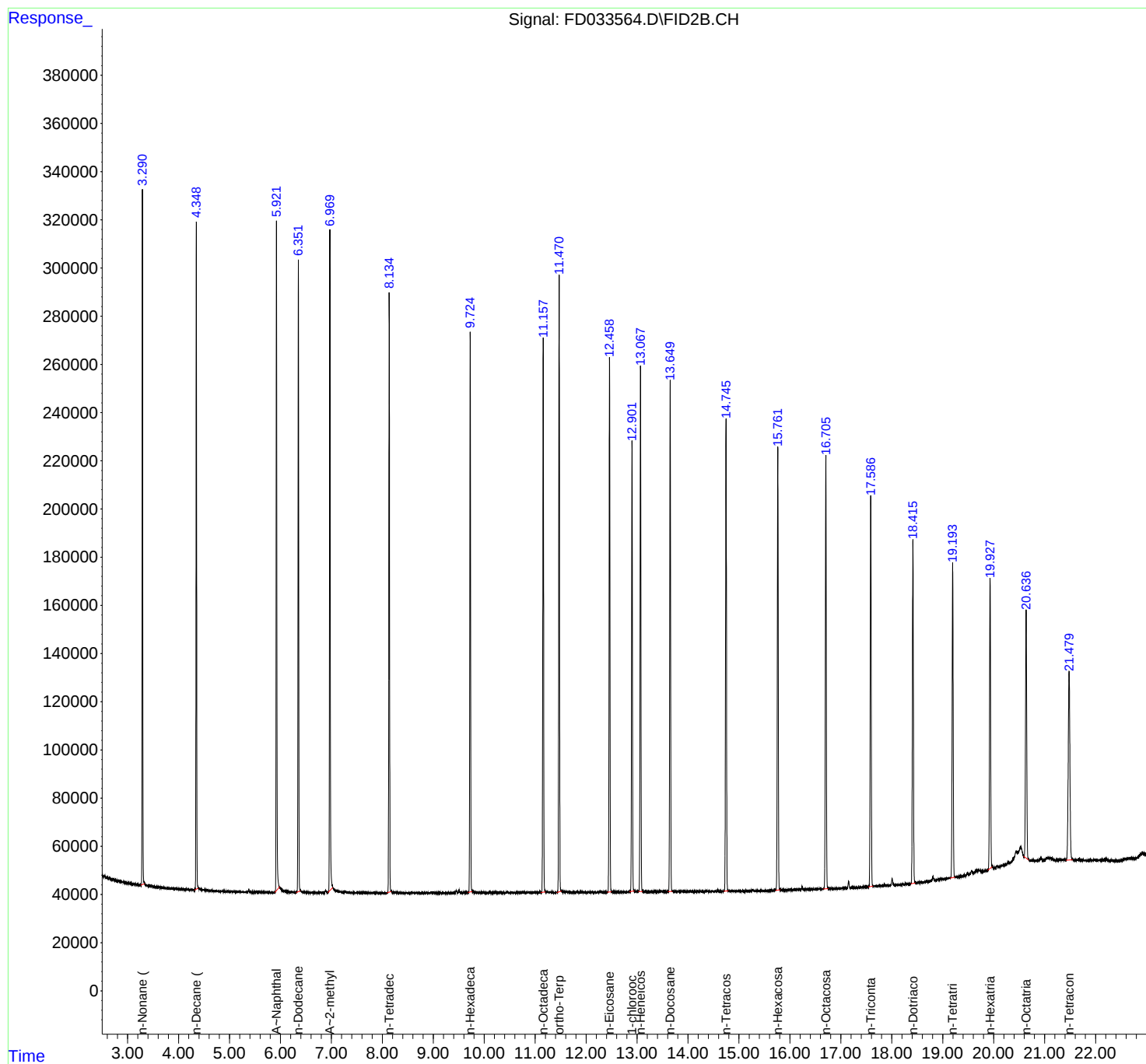
(m)=manual int.

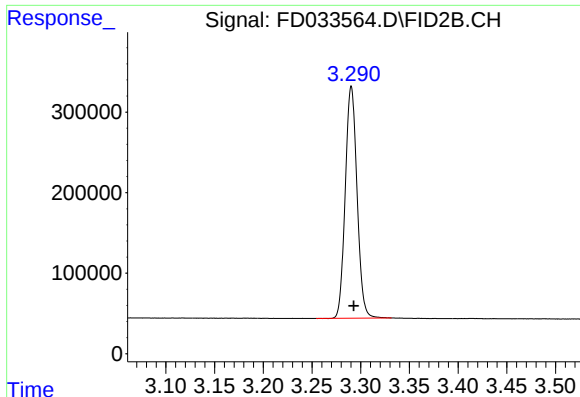
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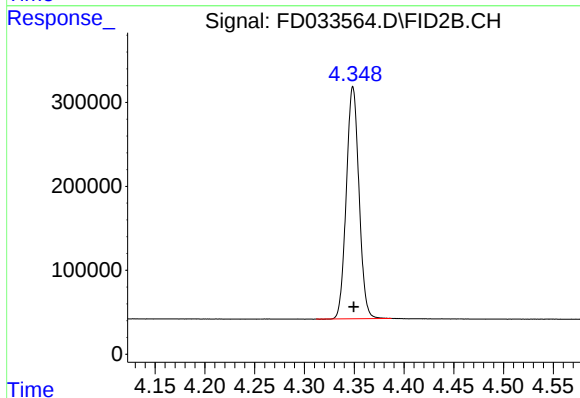




#1 n-Nonane (C9)

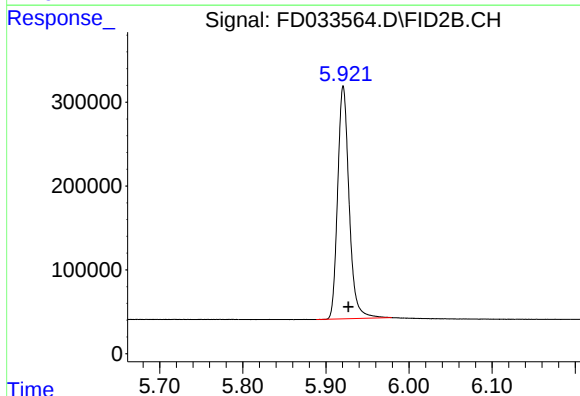
R.T.: 3.290 min
Delta R.T.: -0.003 min
Response: 2418758
Conc: 21.07 ug/ml

Instrument :
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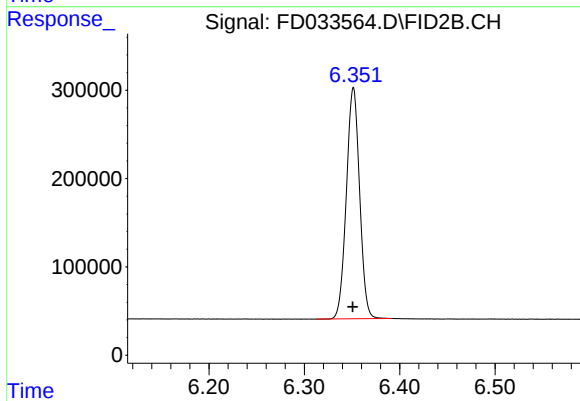
#2 n-Decane (C10)

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 2452665
Conc: 21.31 ug/ml



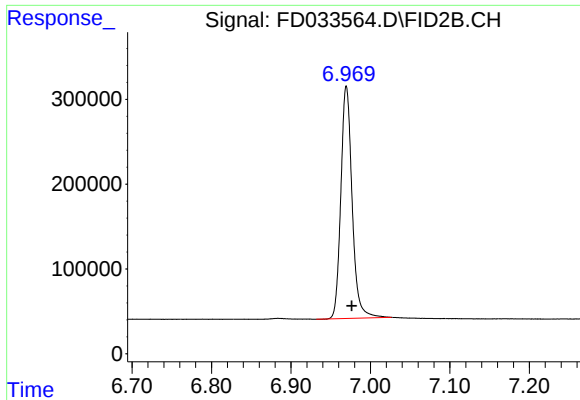
#3 A~Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.006 min
Response: 2653548
Conc: 21.41 ug/ml



#4 n-Dodecane (C12)

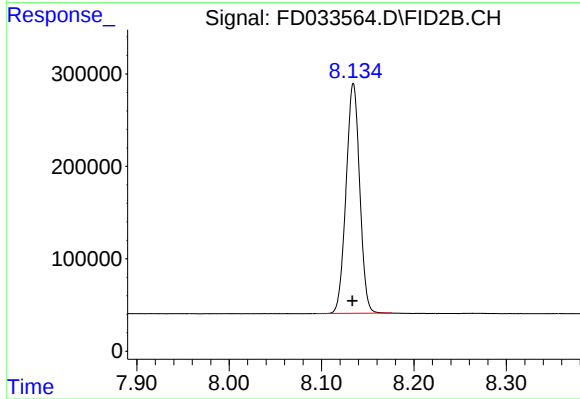
R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 2534494
Conc: 21.27 ug/ml



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

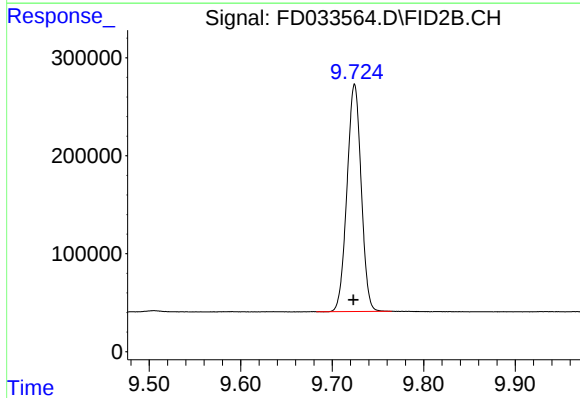
R.T.: 6.970 min
Delta R.T.: -0.007 min
Response: 2704183
Conc: 21.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



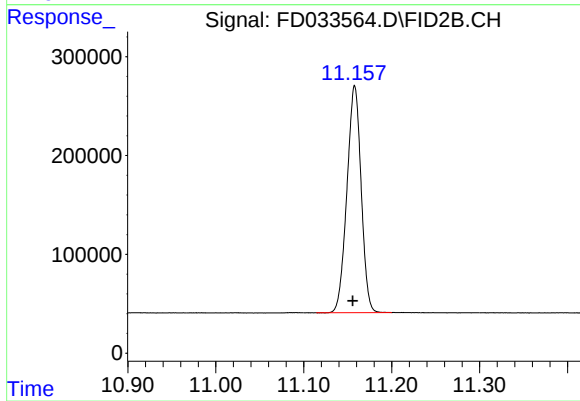
#6 n-Tetradecane (C14)

R.T.: 8.134 min
Delta R.T.: 0.001 min
Response: 2554494
Conc: 21.16 ug/ml



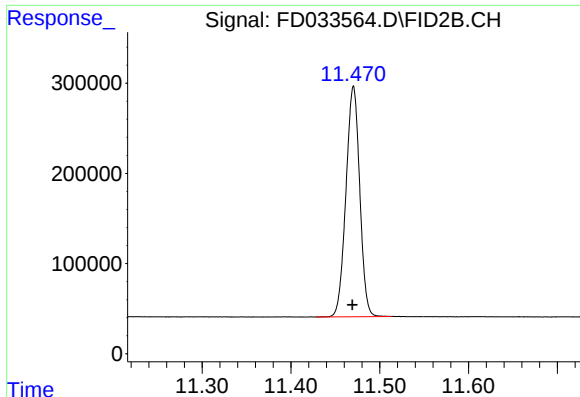
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: 0.001 min
Response: 2500053
Conc: 20.94 ug/ml



#8 n-Octadecane (C18)

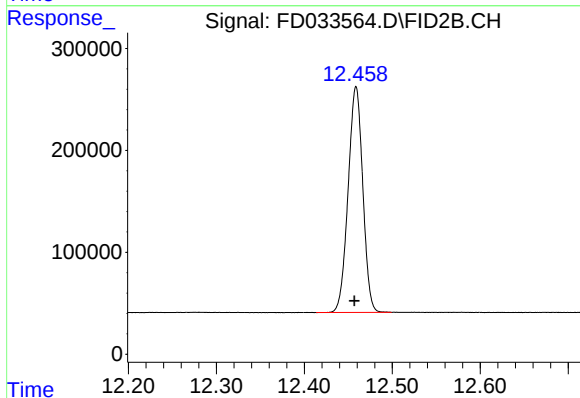
R.T.: 11.158 min
Delta R.T.: 0.002 min
Response: 2580878
Conc: 20.35 ug/ml



#9 ortho-Terphenyl (SURR)

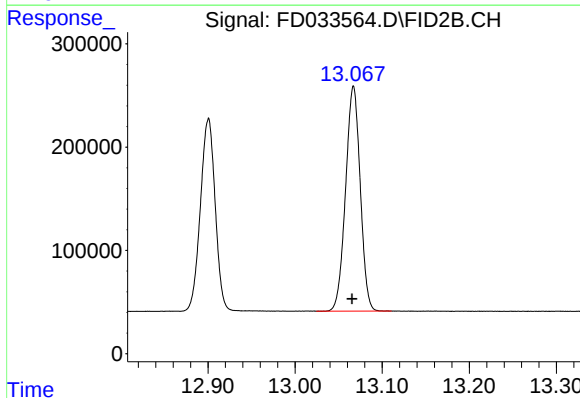
R.T.: 11.470 min
Delta R.T.: 0.001 min
Response: 2748892
Conc: 20.22 ug/ml

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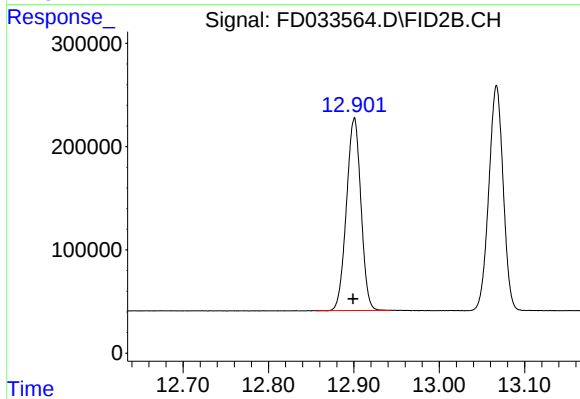
#10 n-Eicosane (C20)

R.T.: 12.459 min
Delta R.T.: 0.002 min
Response: 2567233
Conc: 19.90 ug/ml



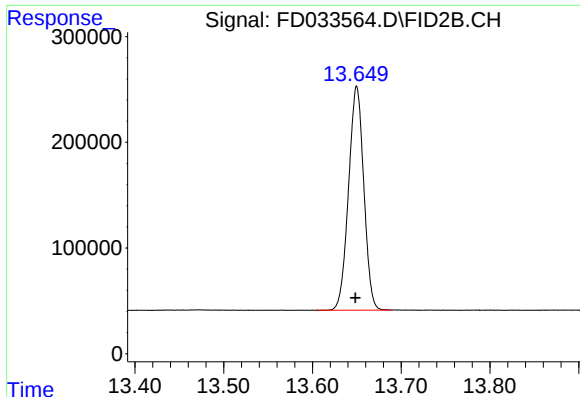
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: 0.002 min
Response: 2544728
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

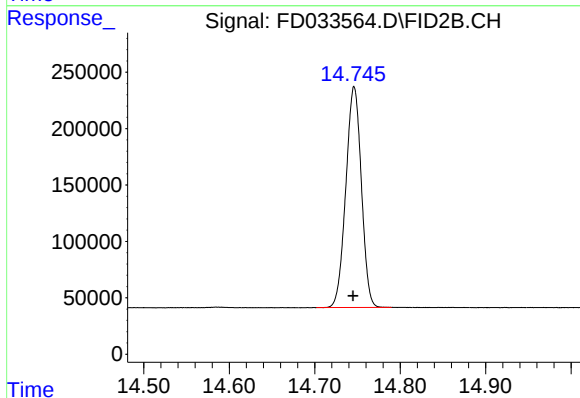
R.T.: 12.901 min
Delta R.T.: 0.001 min
Response: 2194948
Conc: 19.74 ug/ml



#13 n-Docosane (C22)

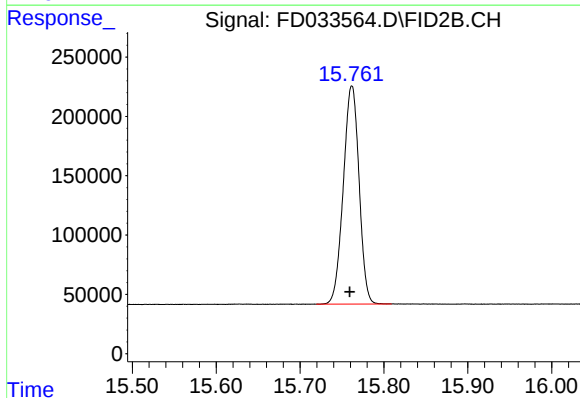
R.T.: 13.650 min
Delta R.T.: 0.001 min
Response: 2522774
Conc: 19.66 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



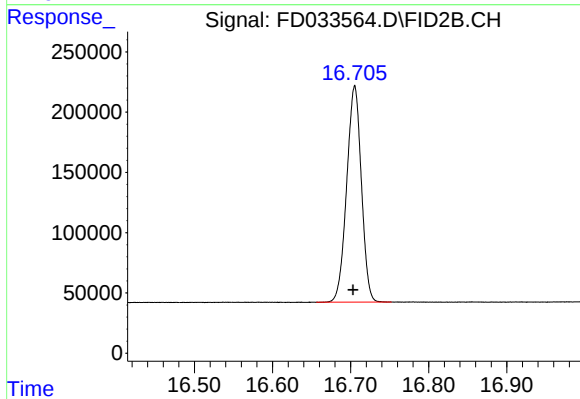
#14 n-Tetracosane (C24)

R.T.: 14.746 min
Delta R.T.: 0.001 min
Response: 2472511
Conc: 19.43 ug/ml



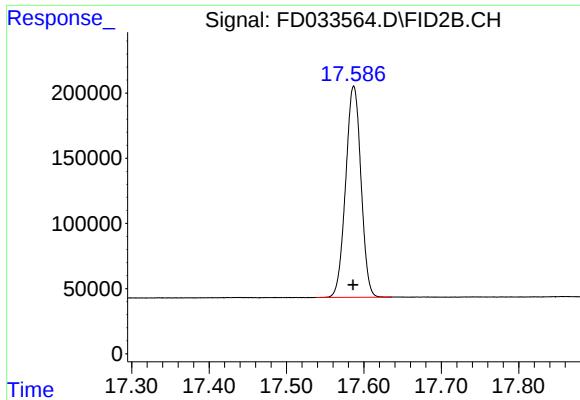
#15 n-Hexacosane (C26)

R.T.: 15.762 min
Delta R.T.: 0.003 min
Response: 2401174
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

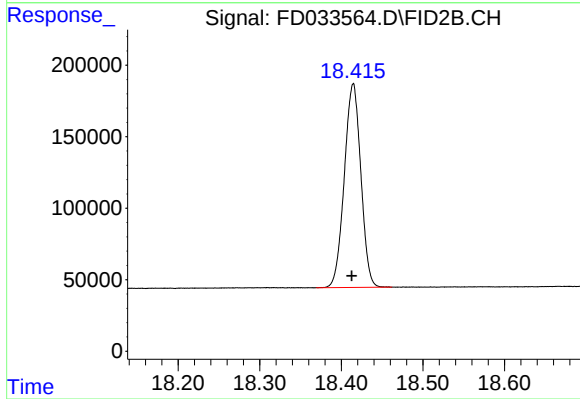
R.T.: 16.705 min
Delta R.T.: 0.002 min
Response: 2342533
Conc: 18.84 ug/ml



#17 n-Tricontane (C30)

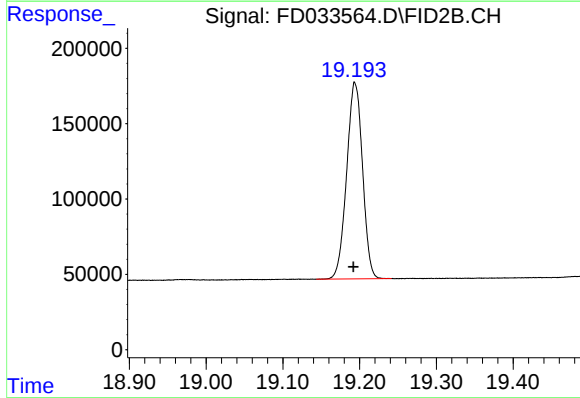
R.T.: 17.587 min
Delta R.T.: 0.001 min
Response: 2229052
Conc: 18.52 ug/ml

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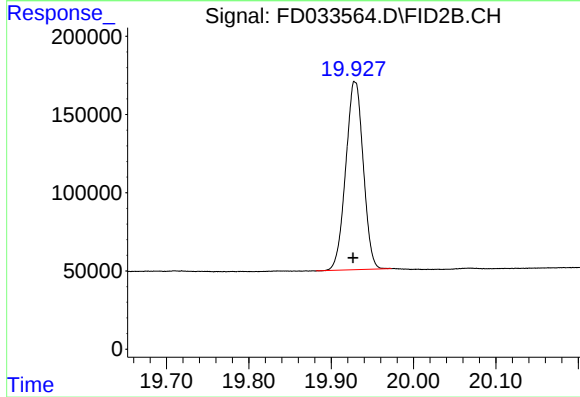
#18 n-Dotriacontane (C32)

R.T.: 18.415 min
Delta R.T.: 0.002 min
Response: 2007597
Conc: 18.33 ug/ml



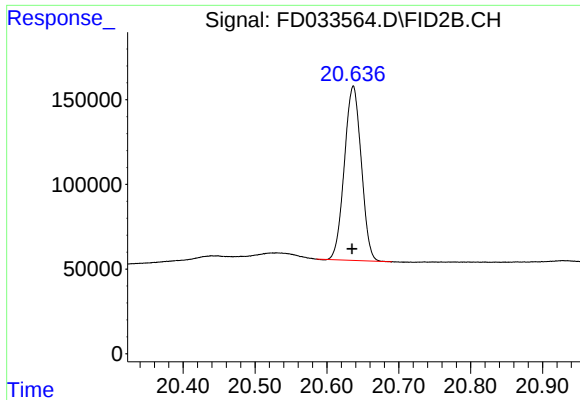
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.002 min
Response: 1873869
Conc: 18.28 ug/ml



#20 n-Hexatriacontane (C36)

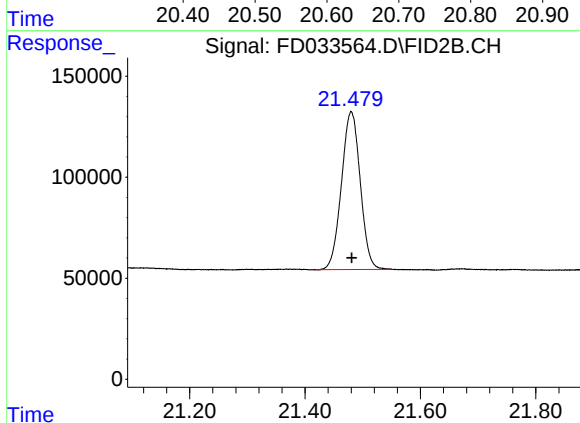
R.T.: 19.929 min
Delta R.T.: 0.002 min
Response: 1774042
Conc: 18.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.637 min
Delta R.T.: 0.002 min
Response: 1677292
Conc: 18.72 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.480 min
Delta R.T.: 0.000 min
Response: 1767842
Conc: 19.91 ug/ml