

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010722AL\
 Data File : FD040497.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jan 2022 2:02
 Operator : AJ\MA
 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: Jan 08 02:52:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 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)	10.624	3061125	19.853 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.062	2326561	19.766 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T n-Nonane (C9)	2.573	2520125	19.630 ug/ml
2) T n-Decane (C10)	3.559	2568779	19.949 ug/ml
3) T A~Naphthalene (C11.7)	5.089	2864823	20.165 ug/ml
4) T n-Dodecane (C12)	5.527	2609080	20.413 ug/ml
5) T A~2-methylnaphthalene...	6.130	2895564	20.525 ug/ml
6) T n-Tetradecane (C14)	7.305	2684547	20.724 ug/ml
7) T n-Hexadecane (C16)	8.892	2713241	20.826 ug/ml
8) T n-Octadecane (C18)	10.324	2774008	20.472 ug/ml
10) T n-Eicosane (C20)	11.624	2728434	20.059 ug/ml
11) T n-Heneicosane (C21)	12.232	2721226	19.651 ug/ml
13) T n-Docosane (C22)	12.814	2724394	19.758 ug/ml
14) T n-Tetracosane (C24)	13.911	2742525	19.614 ug/ml
15) T n-Hexacosane (C26)	14.926	2666049	19.341 ug/ml
16) T n-Octacosane (C28)	15.869	2631124	19.391 ug/ml
17) T n-Tricontane (C30)	16.753	2544589	19.523 ug/ml
18) T n-Dotriacontane (C32)	17.581	2338029	19.558 ug/ml
19) T n-Tetratriacontane (C34)	18.360	2113433	20.072 ug/ml
20) T n-Hexatriacontane (C36)	19.097	1920012	18.948 ug/ml
21) T n-Octatriacontane (C38)	19.797	1788552	20.018 ug/ml
22) T n-Tetracontane (C40)	20.597	1886007	22.063 ug/ml

(f)=RT Delta > 1/2 Window

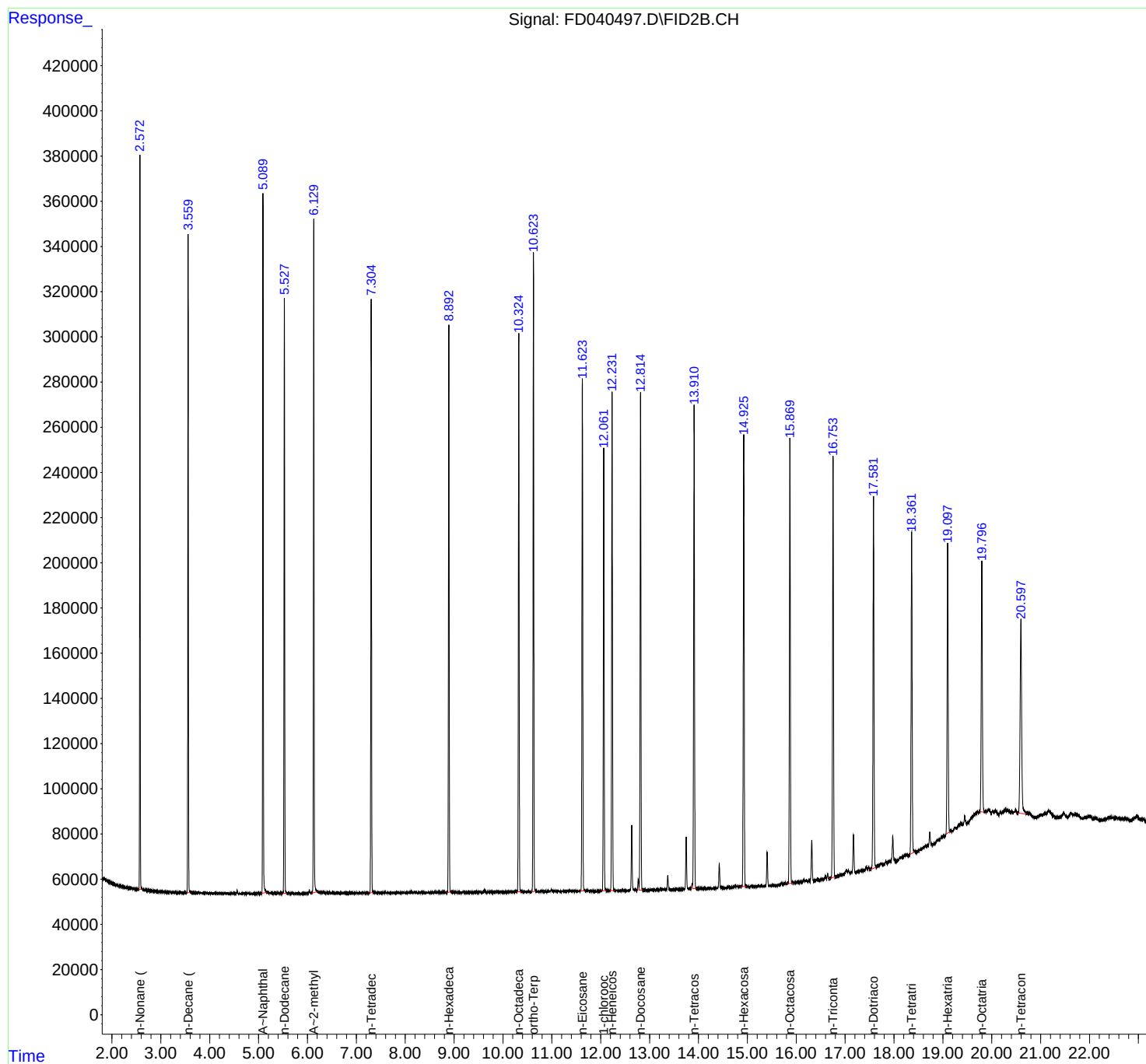
(m)=manual int.

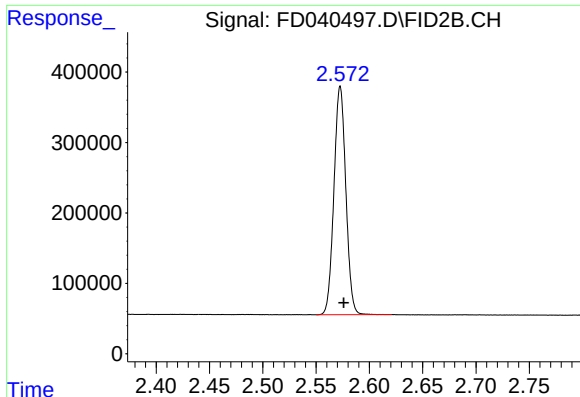
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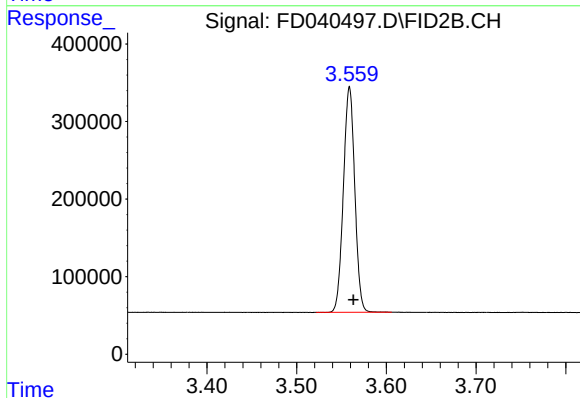




#1 n-Nonane (C9)

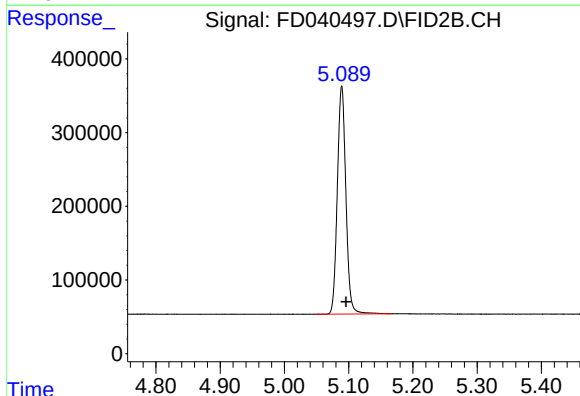
R.T.: 2.573 min
Delta R.T.: -0.003 min
Response: 2520125
Conc: 19.63 ug/ml

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20 PPM ALIPHATIC HC STD



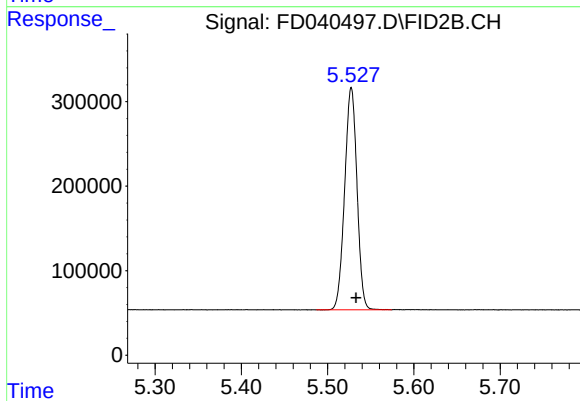
#2 n-Decane (C10)

R.T.: 3.559 min
Delta R.T.: -0.004 min
Response: 2568779
Conc: 19.95 ug/ml



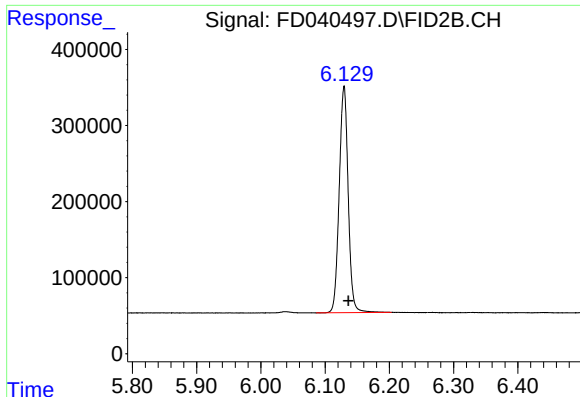
#3 A~Naphthalene (C11.7)

R.T.: 5.089 min
Delta R.T.: -0.007 min
Response: 2864823
Conc: 20.16 ug/ml



#4 n-Dodecane (C12)

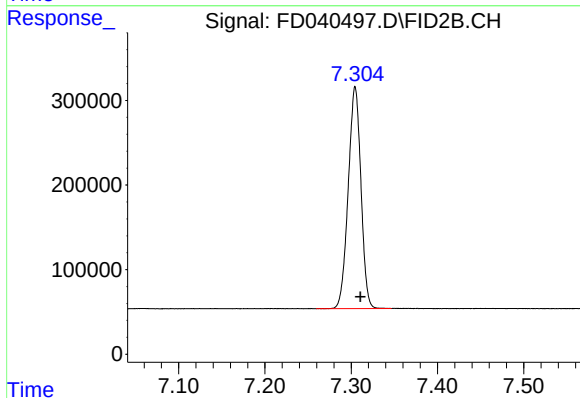
R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 2609080
Conc: 20.41 ug/ml



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

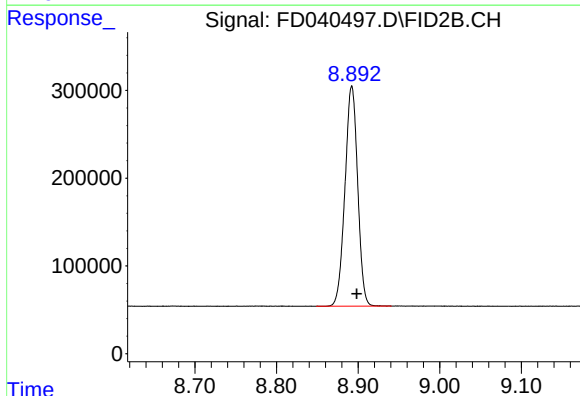
R.T.: 6.130 min
Delta R.T.: -0.007 min
Response: 2895564
Conc: 20.53 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



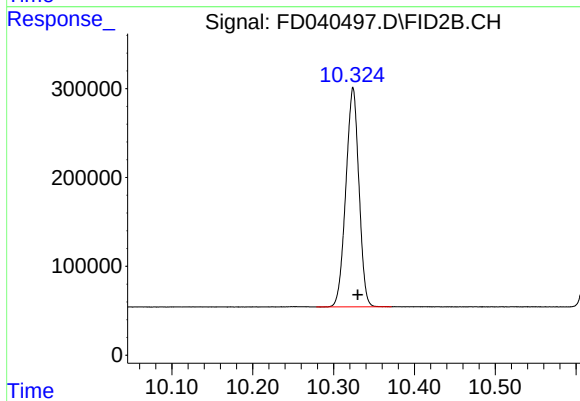
#6 n-Tetradecane (C14)

R.T.: 7.305 min
Delta R.T.: -0.006 min
Response: 2684547
Conc: 20.72 ug/ml



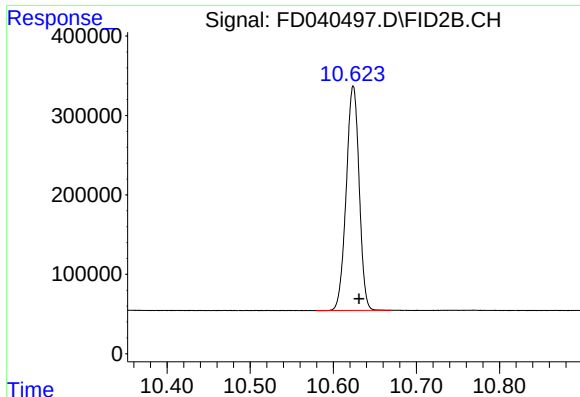
#7 n-Hexadecane (C16)

R.T.: 8.892 min
Delta R.T.: -0.006 min
Response: 2713241
Conc: 20.83 ug/ml



#8 n-Octadecane (C18)

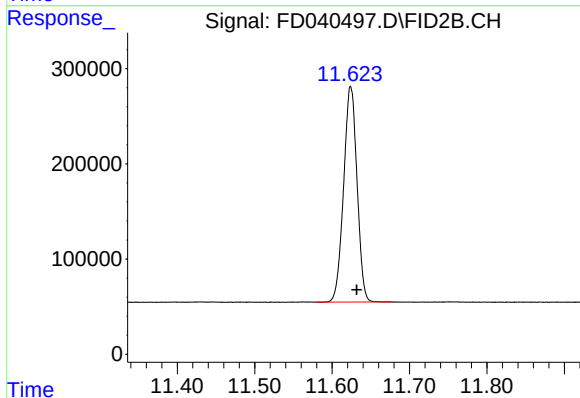
R.T.: 10.324 min
Delta R.T.: -0.006 min
Response: 2774008
Conc: 20.47 ug/ml



#9 ortho-Terphenyl (SURRE)

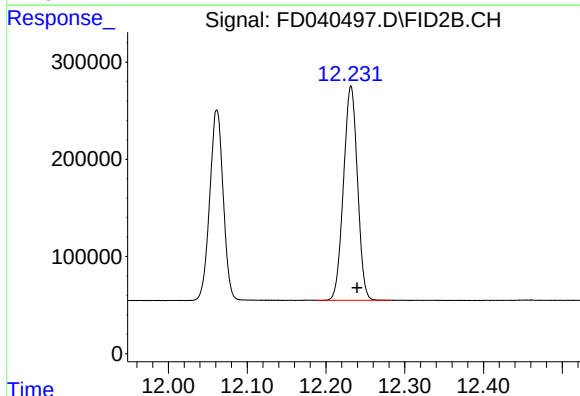
R.T.: 10.624 min
Delta R.T.: -0.007 min
Response: 3061125
Conc: 19.85 ug/ml

Instrument :
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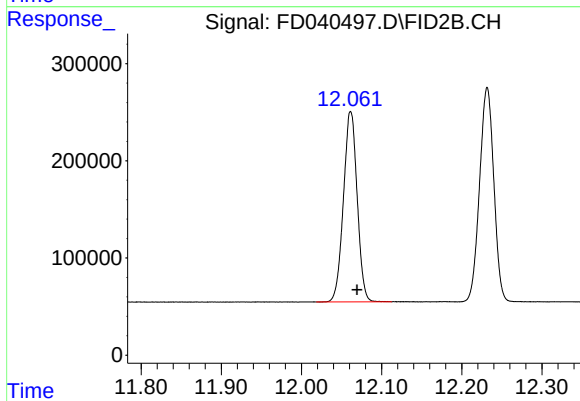
#10 n-Eicosane (C20)

R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 2728434
Conc: 20.06 ug/ml



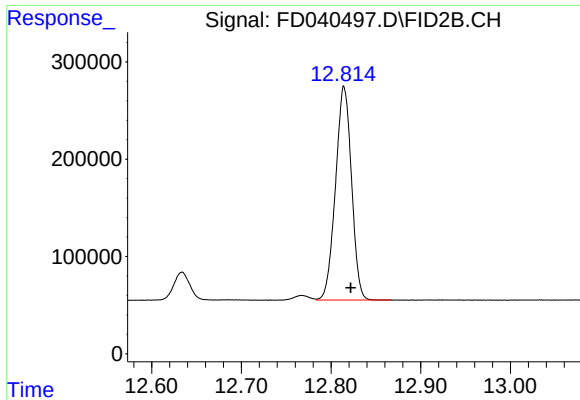
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.008 min
Response: 2721226
Conc: 19.65 ug/ml



#12 1-chlorooctadecane (SURRE)

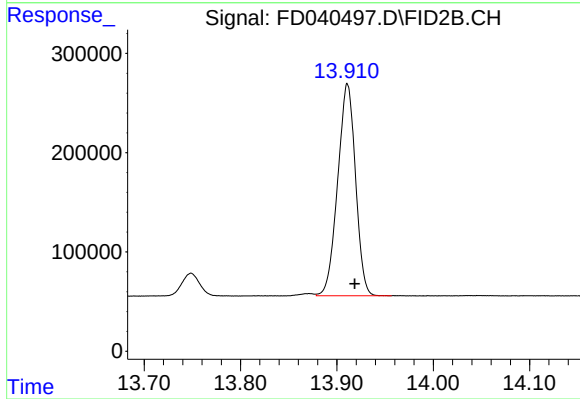
R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 2326561
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

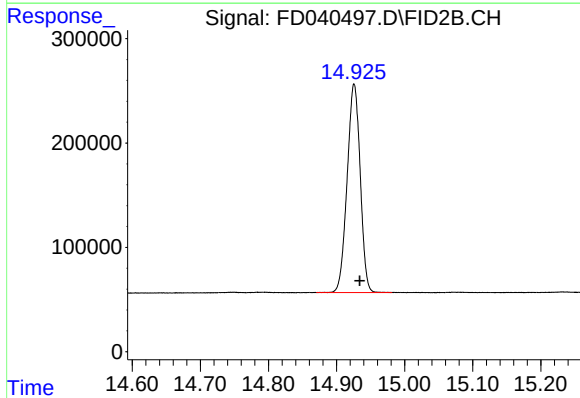
R.T.: 12.814 min
Delta R.T.: -0.007 min
Response: 2724394
Conc: 19.76 ug/ml

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20 PPM ALIPHATIC HC STD



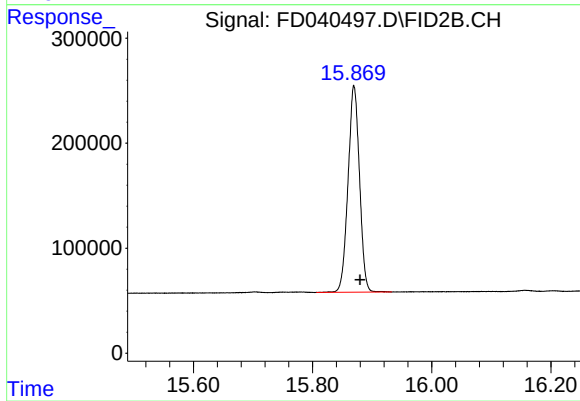
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.008 min
Response: 2742525
Conc: 19.61 ug/ml



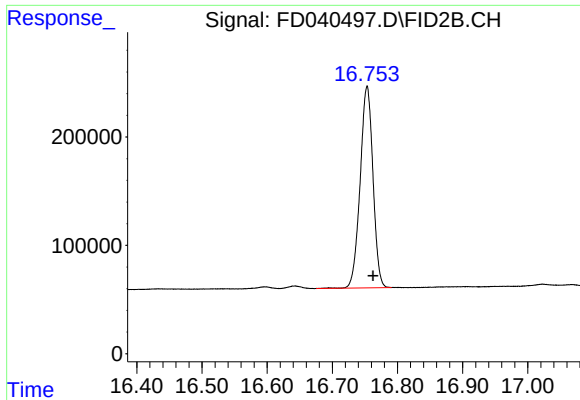
#15 n-Hexacosane (C26)

R.T.: 14.926 min
Delta R.T.: -0.008 min
Response: 2666049
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

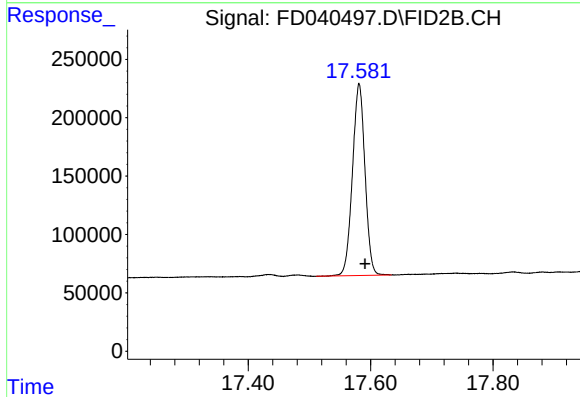
R.T.: 15.869 min
Delta R.T.: -0.010 min
Response: 2631124
Conc: 19.39 ug/ml



#17 n-Tricontane (C30)

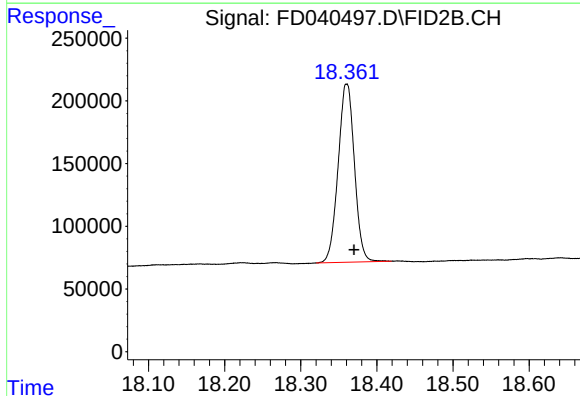
R.T.: 16.753 min
Delta R.T.: -0.009 min
Response: 2544589
Conc: 19.52 ug/ml

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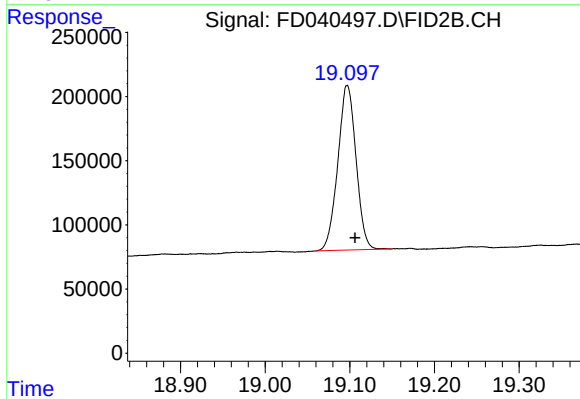
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 2338029
Conc: 19.56 ug/ml



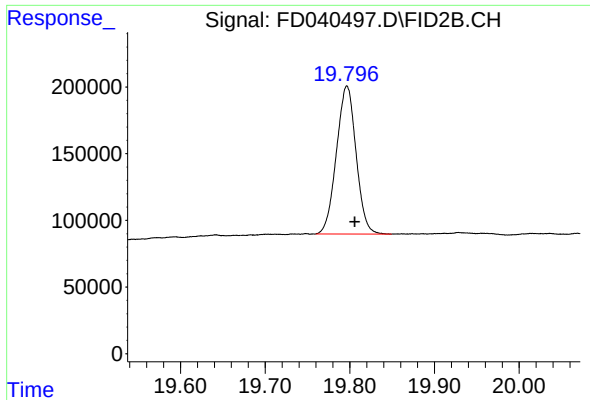
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 2113433
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

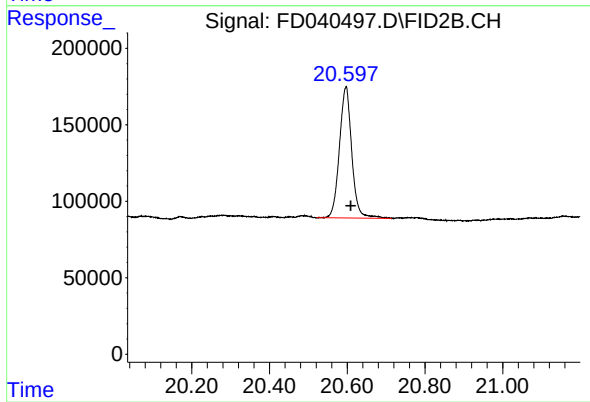
R.T.: 19.097 min
Delta R.T.: -0.009 min
Response: 1920012
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.797 min
Delta R.T.: -0.009 min
Response: 1788552
Conc: 20.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.597 min
Delta R.T.: -0.012 min
Response: 1886007
Conc: 22.06 ug/ml