

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040500.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jan 2022 10:06
 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 11 02:06:08 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	3223374	20.905 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
12) S 1-chlorooctadecane (S...	12.061	2447108	20.790 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
Target Compounds			
1) T n-Nonane (C9)	2.572	2633185	20.511 ug/ml
2) T n-Decane (C10)	3.558	2686822	20.866 ug/ml
3) T A~Naphthalene (C11.7)	5.088	2999226	21.111 ug/ml
4) T n-Dodecane (C12)	5.527	2726028	21.328 ug/ml
5) T A~2-methylnaphthalene...	6.129	3027619	21.461 ug/ml
6) T n-Tetradecane (C14)	7.303	2805953	21.661 ug/ml
7) T n-Hexadecane (C16)	8.891	2840115	21.799 ug/ml
8) T n-Octadecane (C18)	10.323	2921400	21.560 ug/ml
10) T n-Eicosane (C20)	11.623	2895697	21.289 ug/ml
11) T n-Heneicosane (C21)	12.232	2891522	20.881 ug/ml
13) T n-Docosane (C22)	12.815	2962175	21.483 ug/ml
14) T n-Tetracosane (C24)	13.911	3107557	22.225 ug/ml
15) T n-Hexacosane (C26)	14.927	3086638	22.392 ug/ml
16) T n-Octacosane (C28)	15.871	3057758	22.536 ug/ml
17) T n-Tricontane (C30)	16.755	2926341	22.452 ug/ml
18) T n-Dotriacontane (C32)	17.581	2640075	22.084 ug/ml
19) T n-Tetratriacontane (C34)	18.361	2333227	22.159 ug/ml
20) T n-Hexatriacontane (C36)	19.096	2077683	20.504 ug/ml
21) T n-Octatriacontane (C38)	19.797	1939440	21.707 ug/ml
22) T n-Tetracontane (C40)	20.597	1937636	22.667 ug/ml

(f)=RT Delta > 1/2 Window

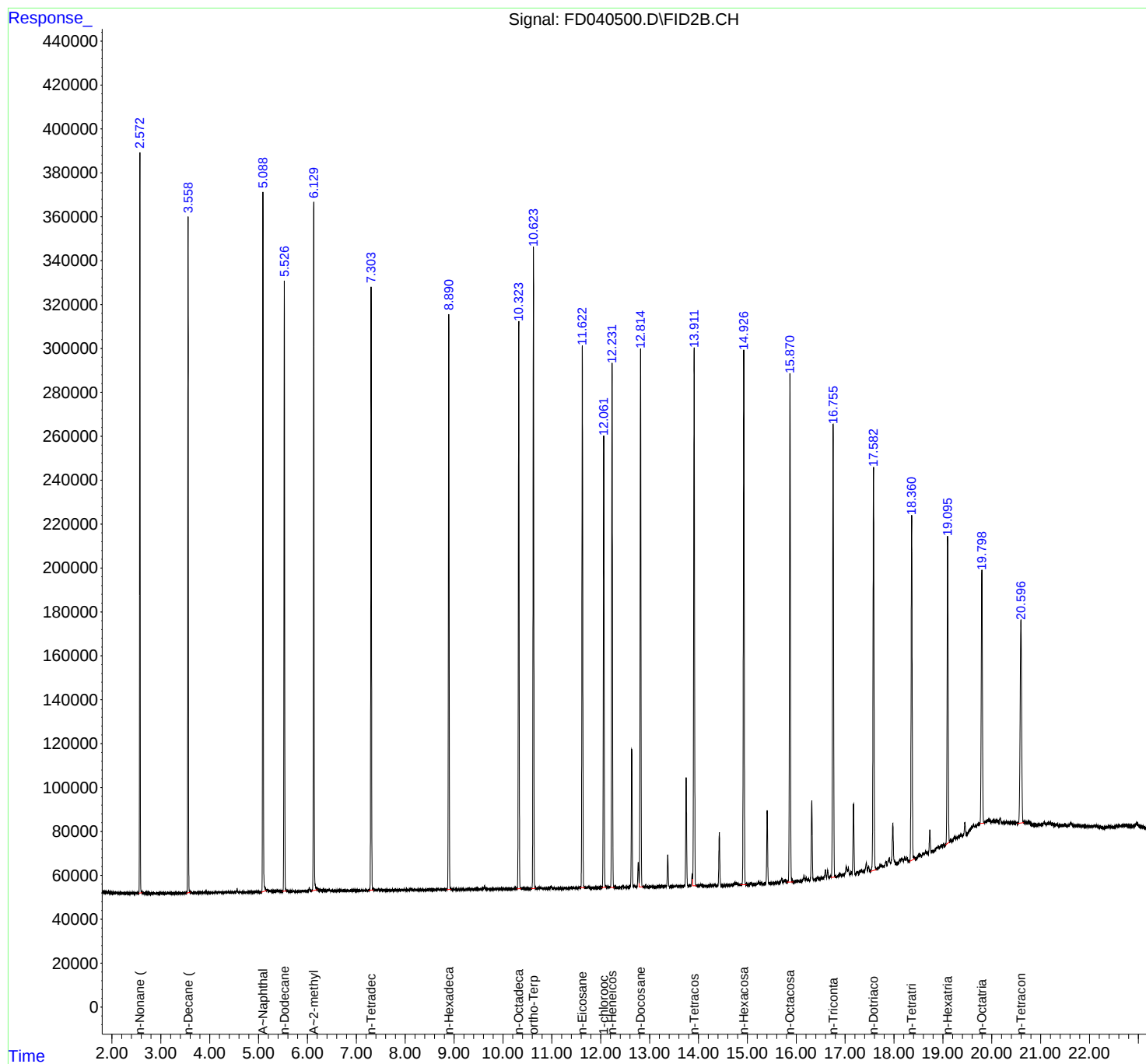
(m)=manual int.

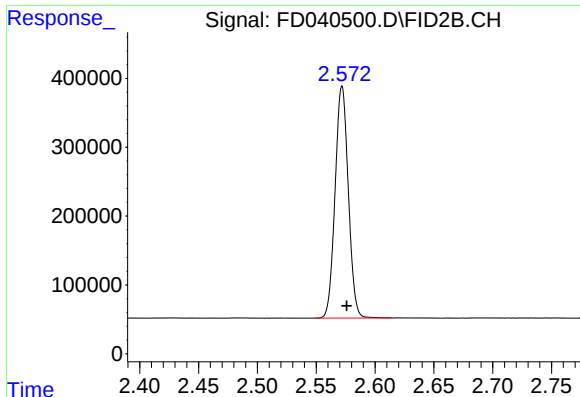
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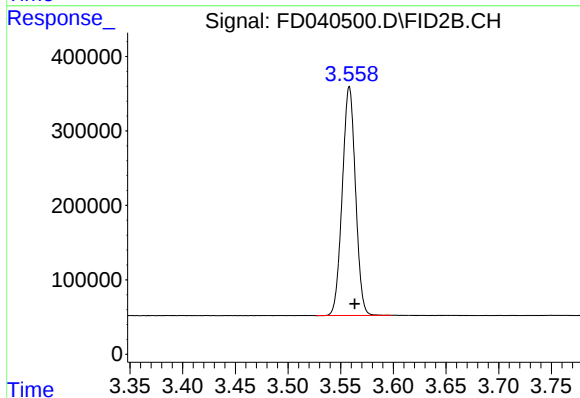




#1 n-Nonane (C9)

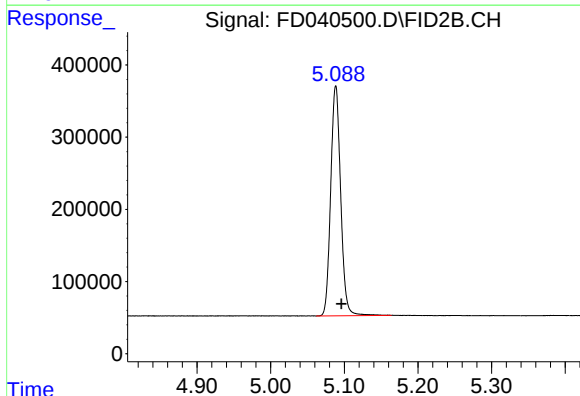
R.T.: 2.572 min
Delta R.T.: -0.004 min
Response: 2633185
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



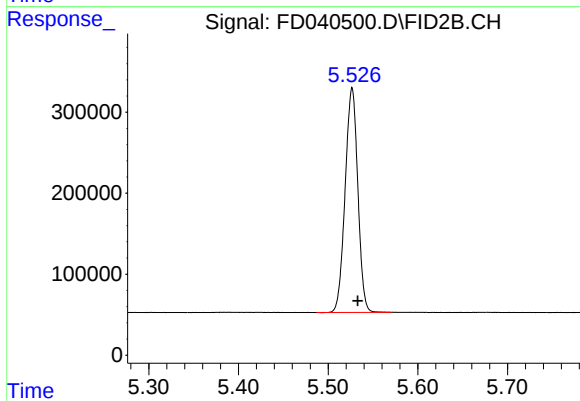
#2 n-Decane (C10)

R.T.: 3.558 min
Delta R.T.: -0.005 min
Response: 2686822
Conc: 20.87 ug/ml



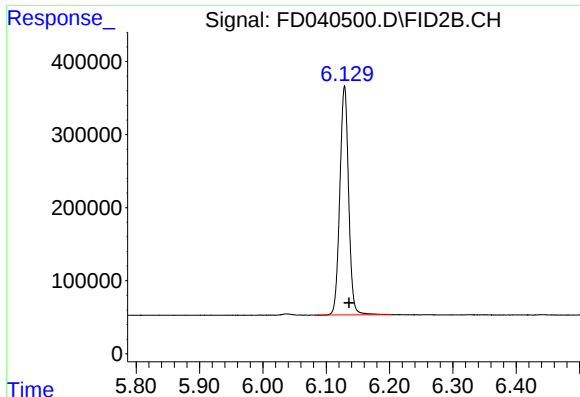
#3 A~Naphthalene (C11.7)

R.T.: 5.088 min
Delta R.T.: -0.008 min
Response: 2999226
Conc: 21.11 ug/ml



#4 n-Dodecane (C12)

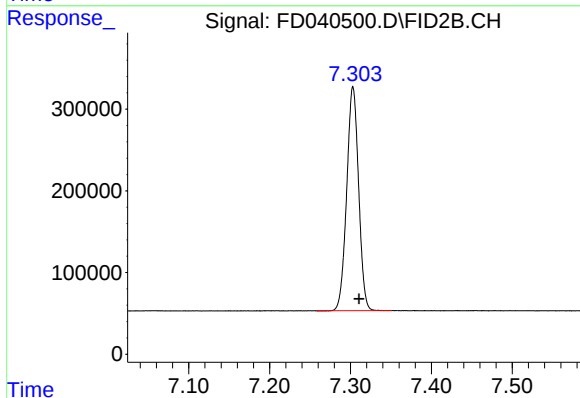
R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 2726028
Conc: 21.33 ug/ml



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

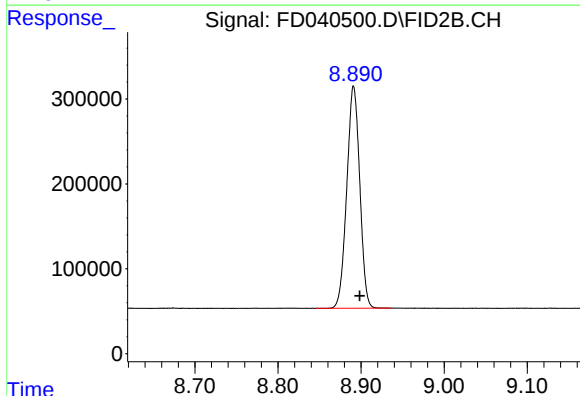
R.T.: 6.129 min
Delta R.T.: -0.007 min
Response: 3027619
Conc: 21.46 ug/ml

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20 PPM ALIPHATIC HC STD



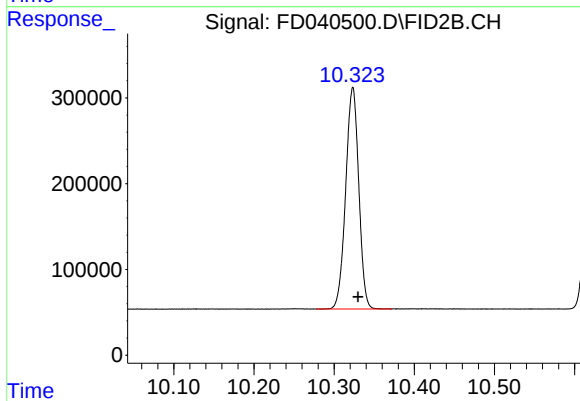
#6 n-Tetradecane (C14)

R.T.: 7.303 min
Delta R.T.: -0.008 min
Response: 2805953
Conc: 21.66 ug/ml



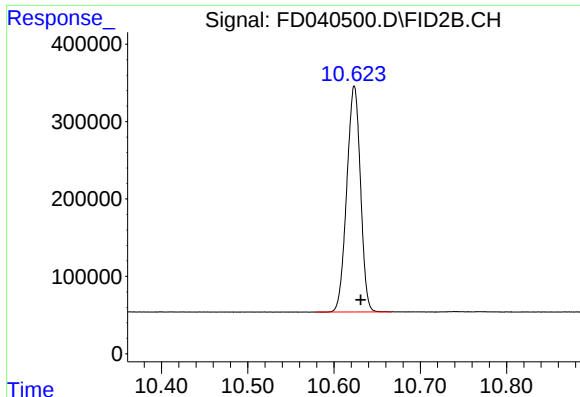
#7 n-Hexadecane (C16)

R.T.: 8.891 min
Delta R.T.: -0.007 min
Response: 2840115
Conc: 21.80 ug/ml



#8 n-Octadecane (C18)

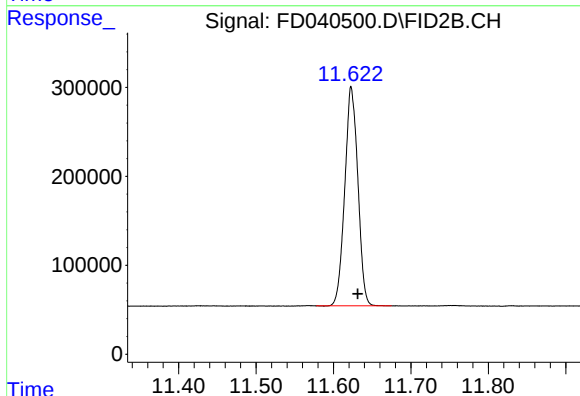
R.T.: 10.323 min
Delta R.T.: -0.006 min
Response: 2921400
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

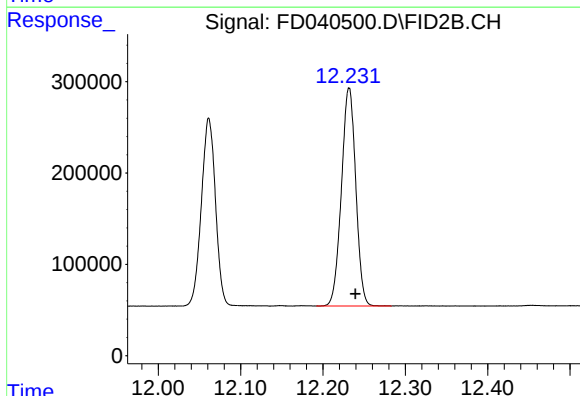
R.T.: 10.624 min
Delta R.T.: -0.008 min
Response: 3223374
Conc: 20.91 ug/ml

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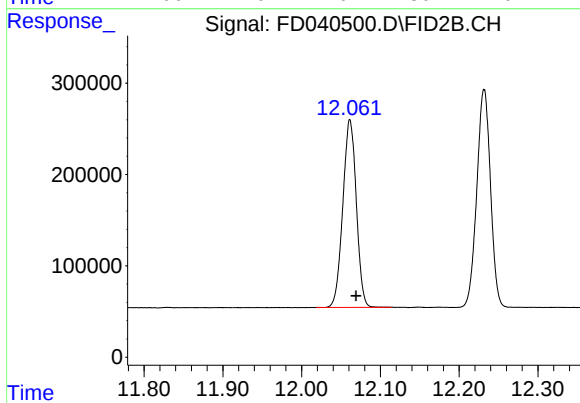
#10 n-Eicosane (C20)

R.T.: 11.623 min
Delta R.T.: -0.009 min
Response: 2895697
Conc: 21.29 ug/ml



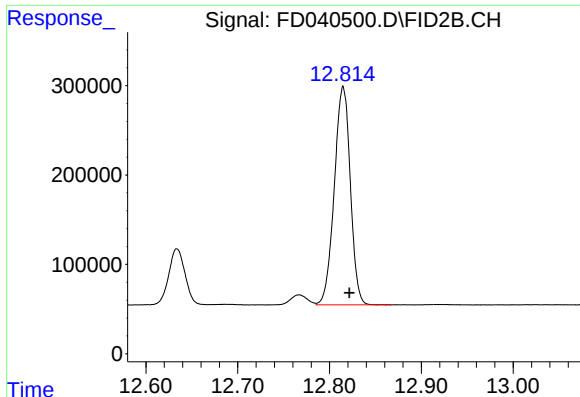
#11 n-Heneicosane (C21)

R.T.: 12.232 min
Delta R.T.: -0.008 min
Response: 2891522
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

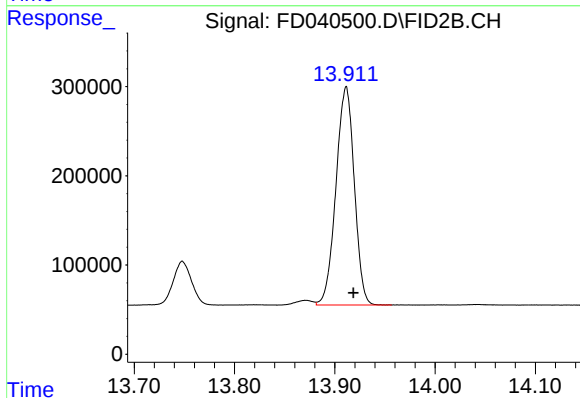
R.T.: 12.061 min
Delta R.T.: -0.008 min
Response: 2447108
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

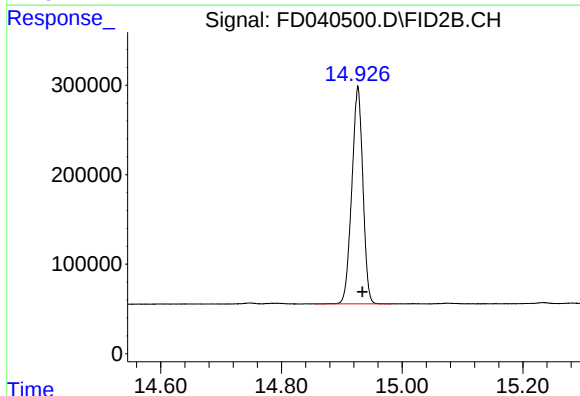
R.T.: 12.815 min
Delta R.T.: -0.007 min
Response: 2962175
Conc: 21.48 ug/ml

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20 PPM ALIPHATIC HC STD



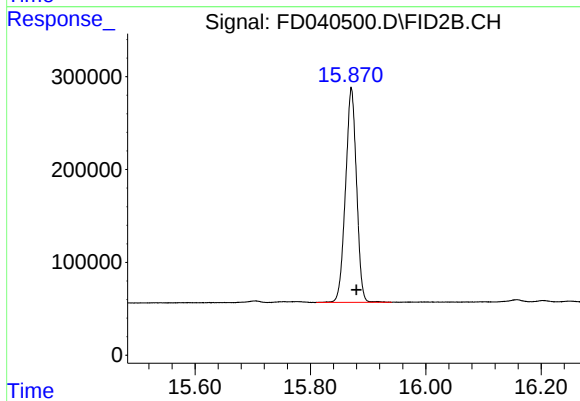
#14 n-Tetracosane (C24)

R.T.: 13.911 min
Delta R.T.: -0.007 min
Response: 3107557
Conc: 22.22 ug/ml



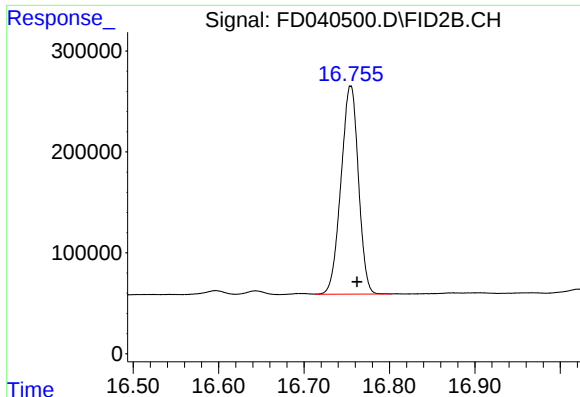
#15 n-Hexacosane (C26)

R.T.: 14.927 min
Delta R.T.: -0.007 min
Response: 3086638
Conc: 22.39 ug/ml



#16 n-Octacosane (C28)

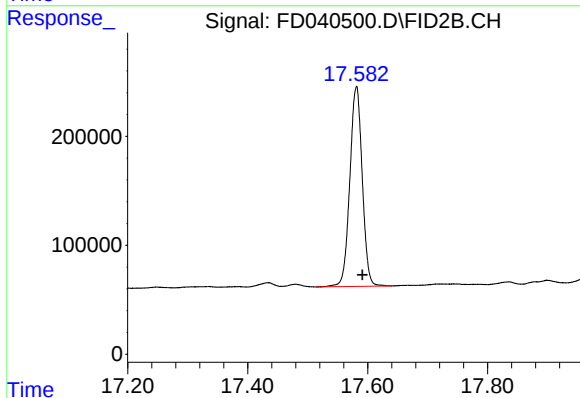
R.T.: 15.871 min
Delta R.T.: -0.008 min
Response: 3057758
Conc: 22.54 ug/ml



#17 n-Tricontane (C30)

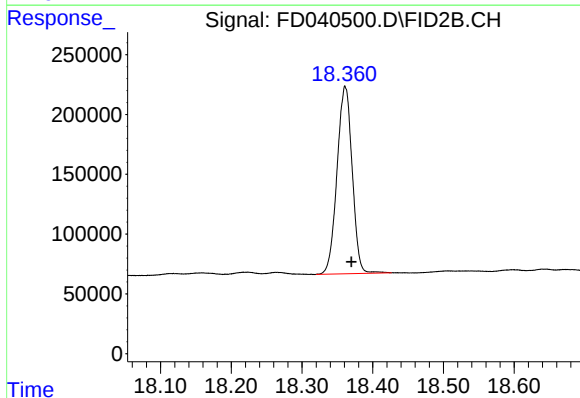
R.T.: 16.755 min
Delta R.T.: -0.008 min
Response: 2926341
Conc: 22.45 ug/ml

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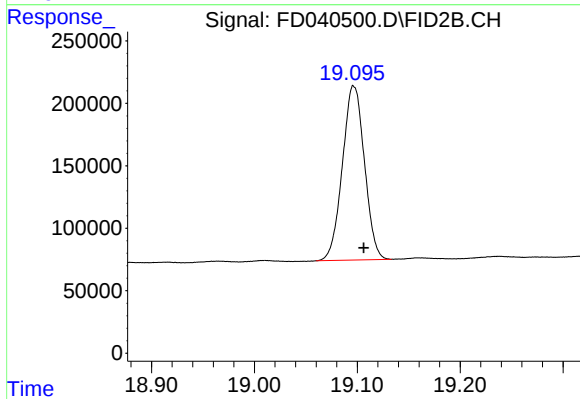
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 2640075
Conc: 22.08 ug/ml



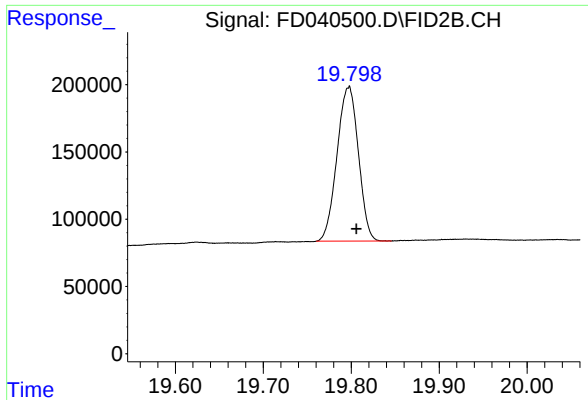
#19 n-Tetratriacontane (C34)

R.T.: 18.361 min
Delta R.T.: -0.009 min
Response: 2333227
Conc: 22.16 ug/ml



#20 n-Hexatriacontane (C36)

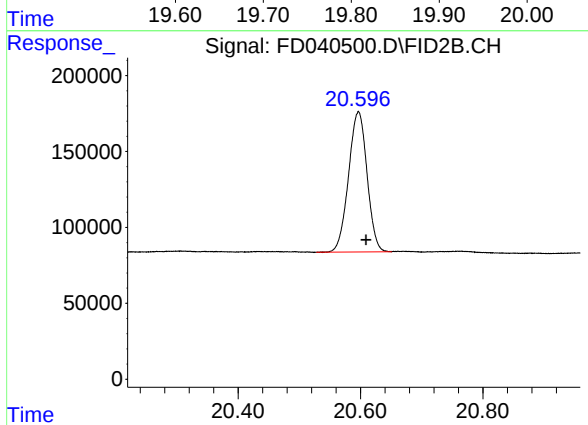
R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 2077683
Conc: 20.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.797 min
Delta R.T.: -0.009 min
Response: 1939440
Conc: 21.71 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.597 min
Delta R.T.: -0.012 min
Response: 1937636
Conc: 22.67 ug/ml