

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012320AL\
 Data File : FD032128.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jan 2020 23:57
 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: Jan 24 02:54:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.535	2663369	19.279 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.966	2036099	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
Target Compounds			
1) T n-Nonane (C9)	3.334	2536797	21.583 ug/ml
2) T n-Decane (C10)	4.397	2561106	21.740 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2868126	21.679 ug/ml
4) T n-Dodecane (C12)	6.406	2587101	21.738 ug/ml
5) T A~2-methylnaphthalene...	7.026	2875985	21.456 ug/ml
6) T n-Tetradecane (C14)	8.193	2577270	21.235 ug/ml
7) T n-Hexadecane (C16)	9.785	2553005	20.598 ug/ml
8) T n-Octadecane (C18)	11.220	2508755	19.867 ug/ml
10) T n-Eicosane (C20)	12.523	2440664	19.127 ug/ml
11) T n-Heneicosane (C21)	13.132	2416213	18.758 ug/ml
13) T n-Docosane (C22)	13.715	2376839	18.476 ug/ml
14) T n-Tetracosane (C24)	14.814	2323123	17.890 ug/ml
15) T n-Hexacosane (C26)	15.830	2331214	18.087 ug/ml
16) T n-Octacosane (C28)	16.775	2310220	18.124 ug/ml
17) T n-Tricontane (C30)	17.658	2226565	18.163 ug/ml
18) T n-Dotriacontane (C32)	18.487	1911354	18.258 ug/ml
19) T n-Tetratriacontane (C34)	19.266	1613476	18.245 ug/ml
20) T n-Hexatriacontane (C36)	20.001	1460993	18.538 ug/ml
21) T n-Octatriacontane (C38)	20.717	1383934	18.769 ug/ml
22) T n-Tetracontane (C40)	21.585	1393470	18.411 ug/ml

(f)=RT Delta > 1/2 Window

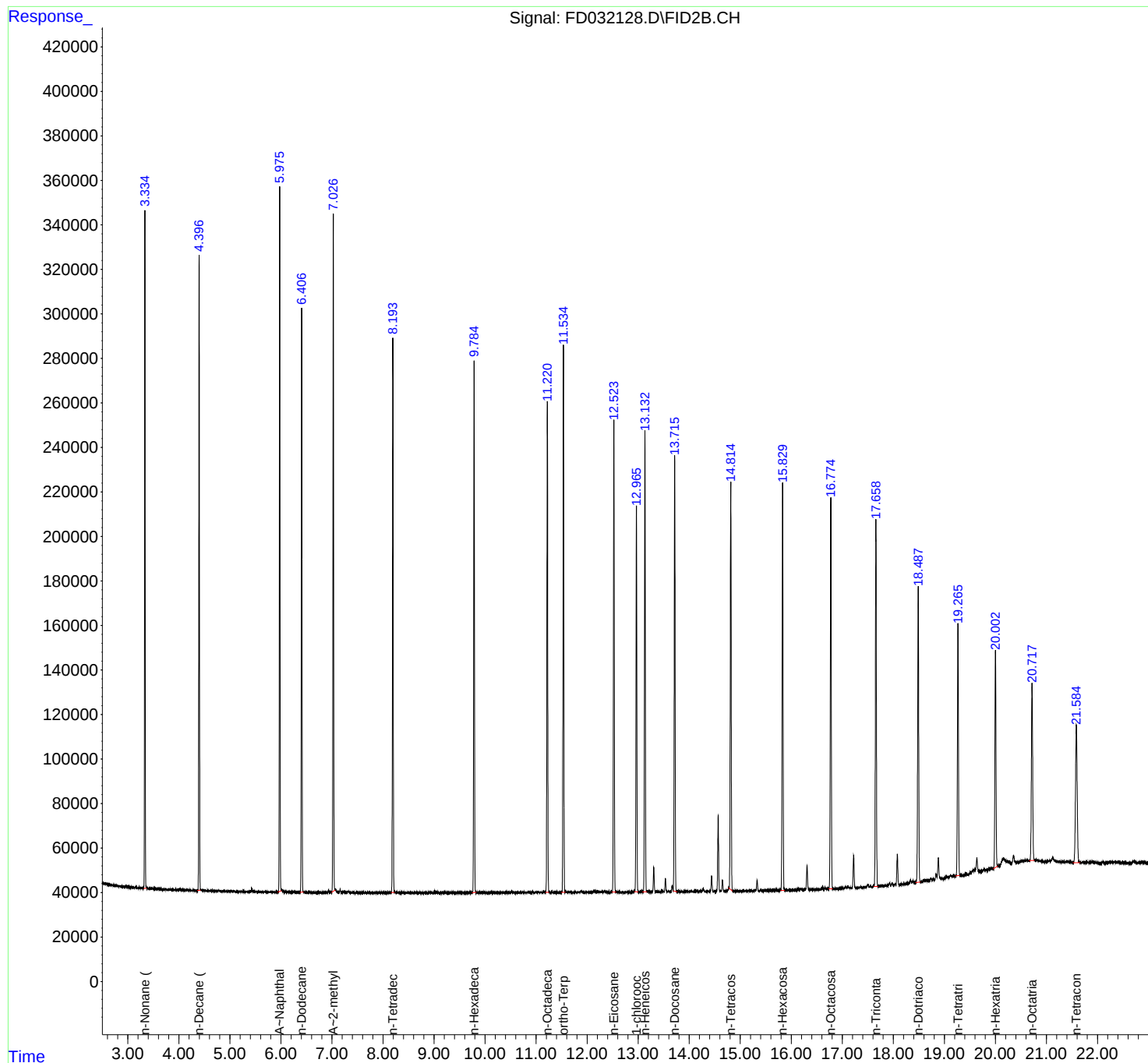
(m)=manual int.

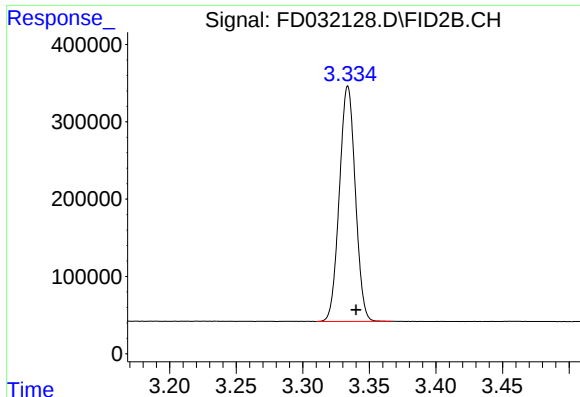
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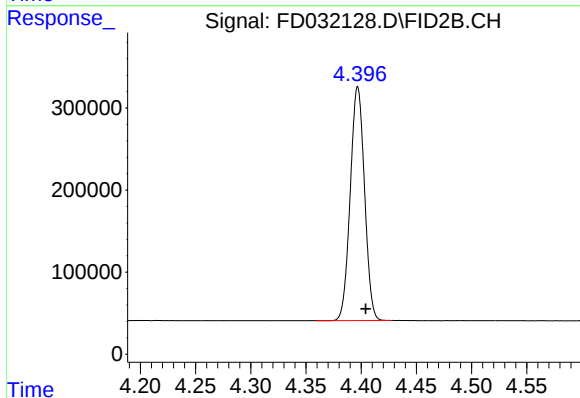




#1 n-Nonane (C9)

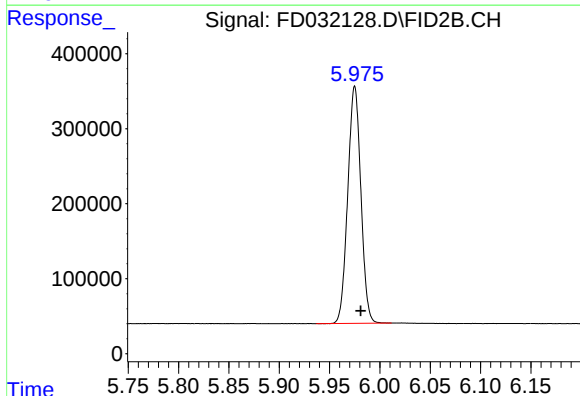
R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2536797
Conc: 21.58 ug/ml

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20 PPM ALIPHATIC HC STD



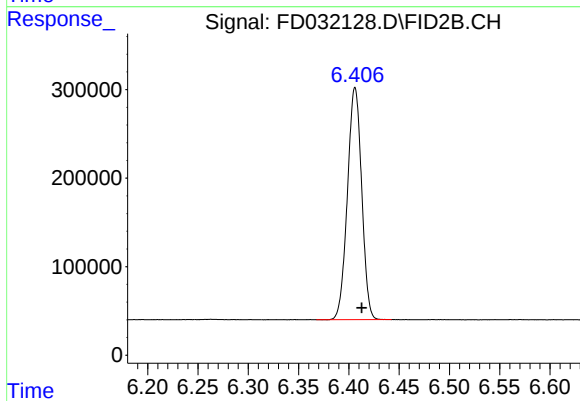
#2 n-Decane (C10)

R.T.: 4.397 min
Delta R.T.: -0.007 min
Response: 2561106
Conc: 21.74 ug/ml



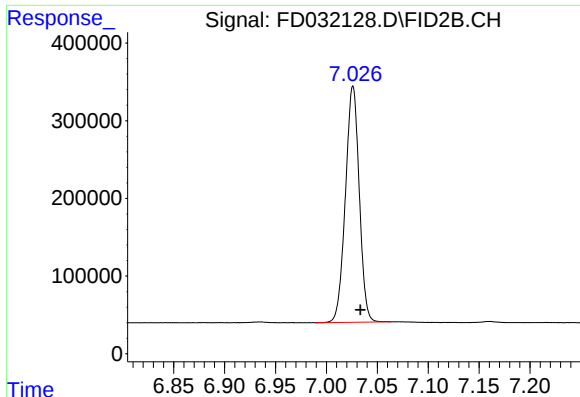
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.006 min
Response: 2868126
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

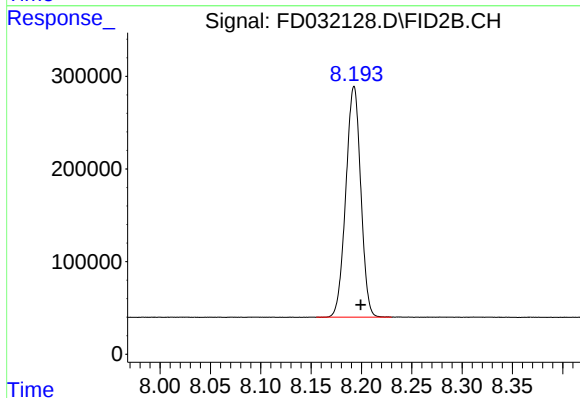
R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 2587101
Conc: 21.74 ug/ml



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

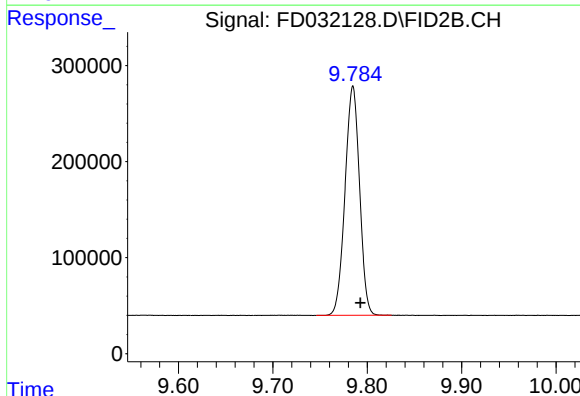
R.T.: 7.026 min
Delta R.T.: -0.007 min
Response: 2875985
Conc: 21.46 ug/ml

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20 PPM ALIPHATIC HC STD



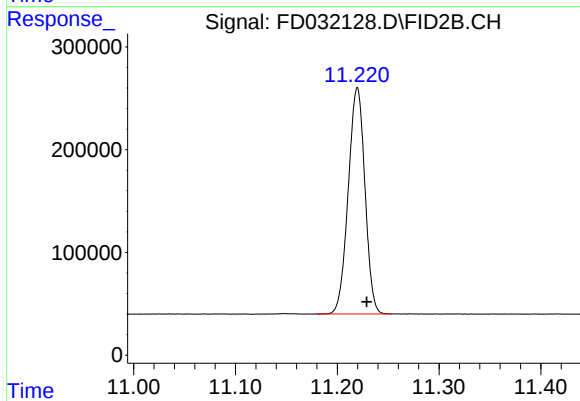
#6 n-Tetradecane (C14)

R.T.: 8.193 min
Delta R.T.: -0.007 min
Response: 2577270
Conc: 21.23 ug/ml



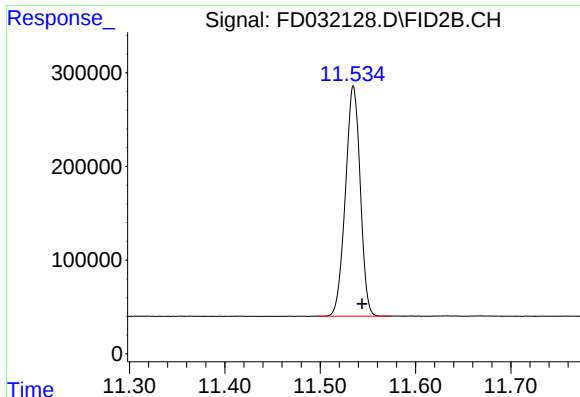
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: -0.008 min
Response: 2553005
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

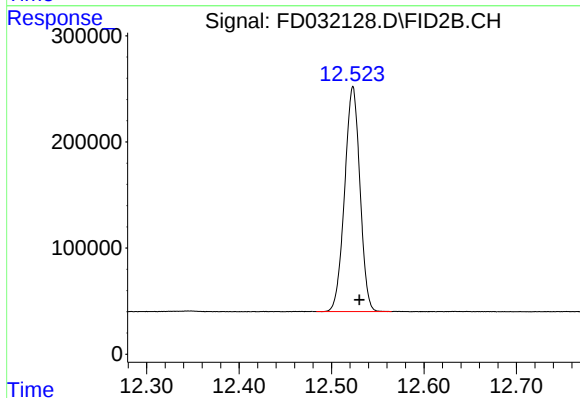
R.T.: 11.220 min
Delta R.T.: -0.009 min
Response: 2508755
Conc: 19.87 ug/ml



#9 ortho-Terphenyl (SURR)

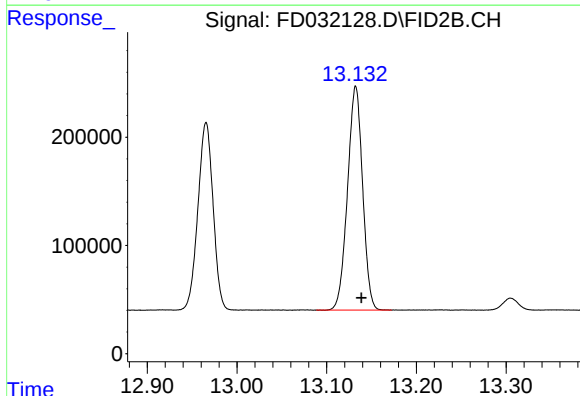
R.T.: 11.535 min
Delta R.T.: -0.009 min
Response: 2663369
Conc: 19.28 ug/ml

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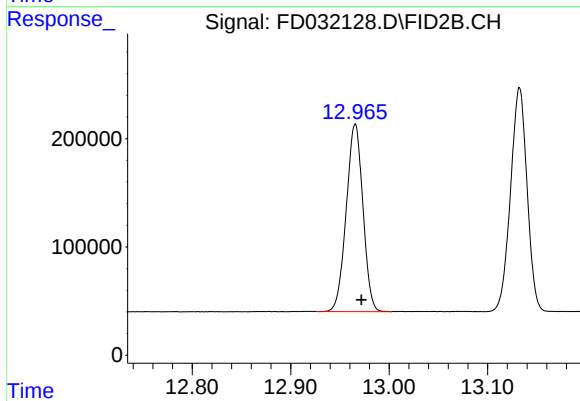
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.007 min
Response: 2440664
Conc: 19.13 ug/ml



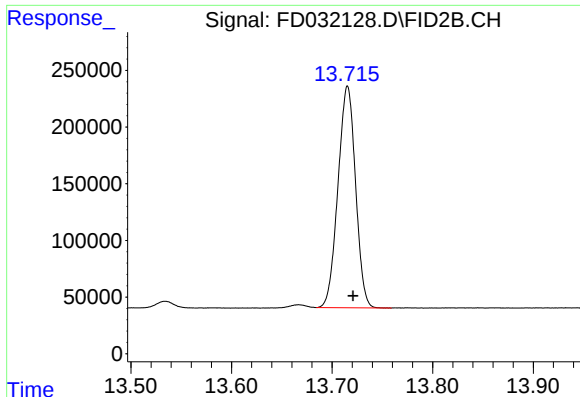
#11 n-Heneicosane (C21)

R.T.: 13.132 min
Delta R.T.: -0.006 min
Response: 2416213
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

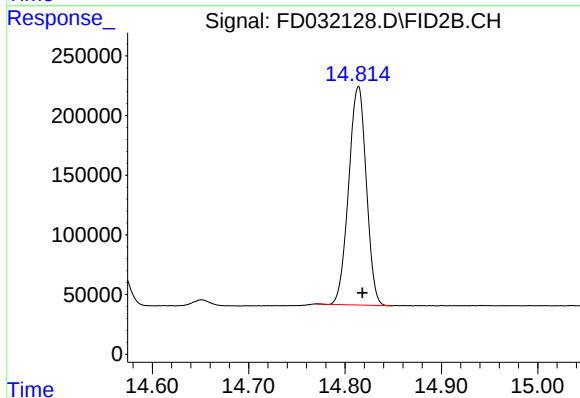
R.T.: 12.966 min
Delta R.T.: -0.006 min
Response: 2036099
Conc: 18.69 ug/ml



#13 n-Docosane (C22)

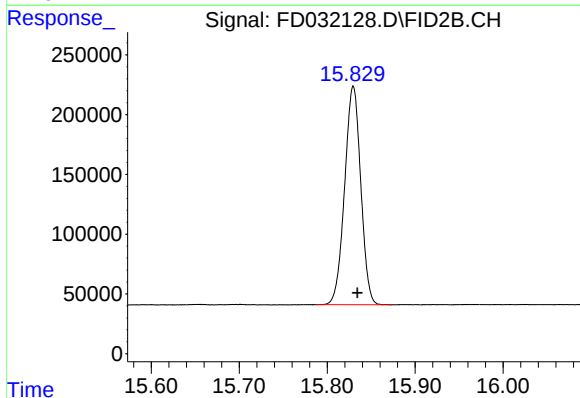
R.T.: 13.715 min
Delta R.T.: -0.006 min
Response: 2376839
Conc: 18.48 ug/ml

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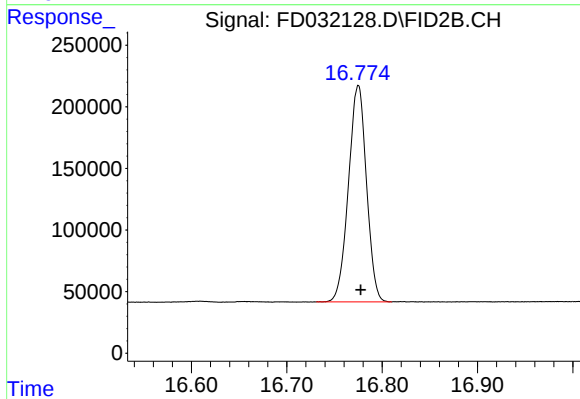
#14 n-Tetracosane (C24)

R.T.: 14.814 min
Delta R.T.: -0.004 min
Response: 2323123
Conc: 17.89 ug/ml



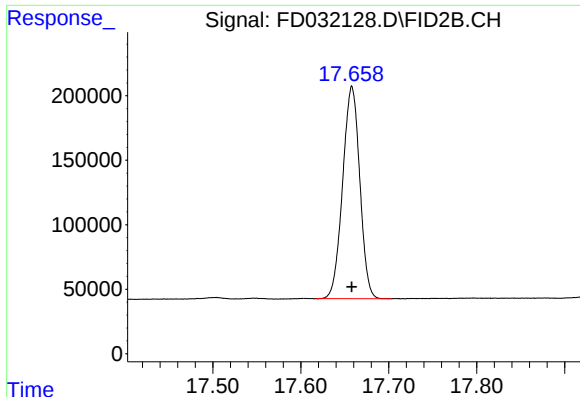
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: -0.005 min
Response: 2331214
Conc: 18.09 ug/ml



#16 n-Octacosane (C28)

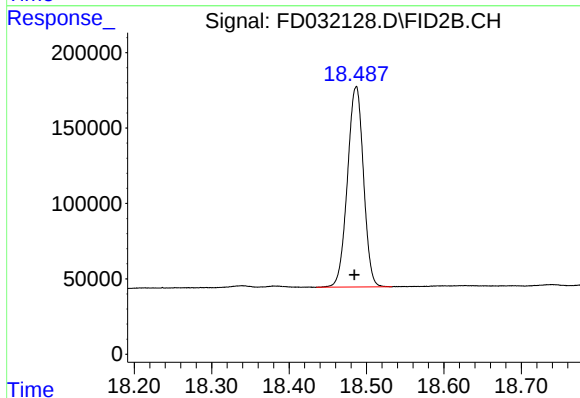
R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 2310220
Conc: 18.12 ug/ml



#17 n-Tricontane (C30)

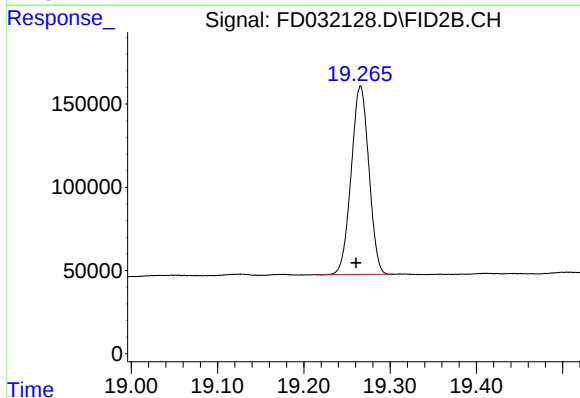
R.T.: 17.658 min
Delta R.T.: 0.000 min
Response: 2226565
Conc: 18.16 ug/ml

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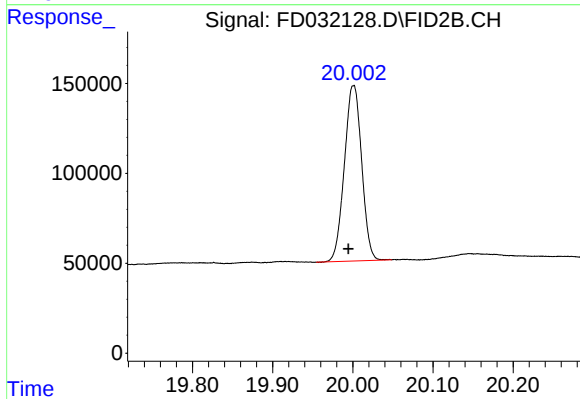
#18 n-Dotriacontane (C32)

R.T.: 18.487 min
Delta R.T.: 0.002 min
Response: 1911354
Conc: 18.26 ug/ml



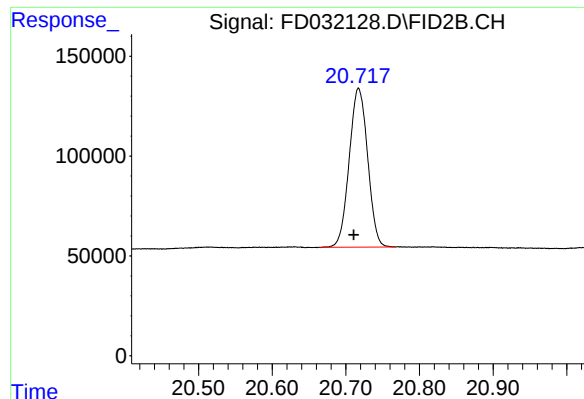
#19 n-Tetratriacontane (C34)

R.T.: 19.266 min
Delta R.T.: 0.005 min
Response: 1613476
Conc: 18.24 ug/ml



#20 n-Hexatriacontane (C36)

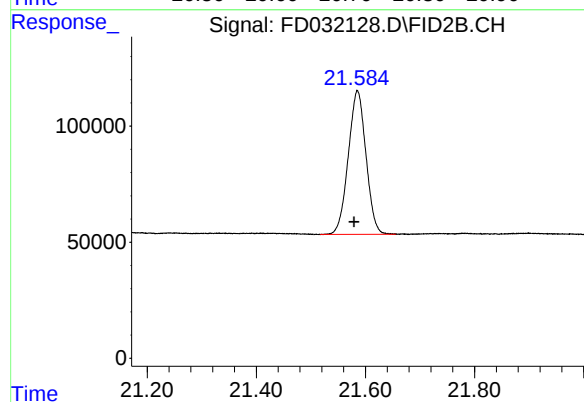
R.T.: 20.001 min
Delta R.T.: 0.006 min
Response: 1460993
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: 0.006 min
Response: 1383934
Conc: 18.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: 0.006 min
Response: 1393470
Conc: 18.41 ug/ml