

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020620AL\
 Data File : FD032300.D
 Signal(s) : FID2B.CH
 Acq On : 06 Feb 2020 12:31
 Operator : DD\AJ
 Sample : L1161-07
 Misc : LOD 2.5 PPM-WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Integration File: autoint1.e
 Quant Time: Feb 07 05:59:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 06:50:50 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			
12) S 1-chlorooctadecane (S...	12.963	2615448	22.152 ug/ml
Spiked Amount 50.000		Recovery =	44.30%
Target Compounds			
1) T n-Nonane (C9)	3.332	136103	1.006 ug/ml
2) T n-Decane (C10)	4.393	167251	1.235 ug/ml
4) T n-Dodecane (C12)	6.401	228231	1.668 ug/ml
6) T n-Tetradecane (C14)	8.187	219861	1.593 ug/ml
7) T n-Hexadecane (C16)	9.780	203837	1.479 ug/ml
8) T n-Octadecane (C18)	11.216	217448	1.572 ug/ml
10) T n-Eicosane (C20)	12.520	226026	1.632 ug/ml
11) T n-Heneicosane (C21)	13.129	221956	1.587 ug/ml
13) T n-Docosane (C22)	13.713	238677	1.720 ug/ml
14) T n-Tetracosane (C24)	14.811	237748	1.713 ug/ml
15) T n-Hexacosane (C26)	15.828	232328	1.697 ug/ml
16) T n-Octacosane (C28)	16.773	246009	1.835 ug/ml
17) T n-Tricontane (C30)	17.657	264006	2.052 ug/ml
18) T n-Dotriacontane (C32)	18.487	257786	2.315 ug/ml
19) T n-Tetratriacontane (C34)	19.267	215996	2.337 ug/ml
20) T n-Hexatriacontane (C36)	20.004	297779	3.372 ug/ml
21) T n-Octatriacontane (C38)	20.723	145861	1.892 ug/ml

(f)=RT Delta > 1/2 Window

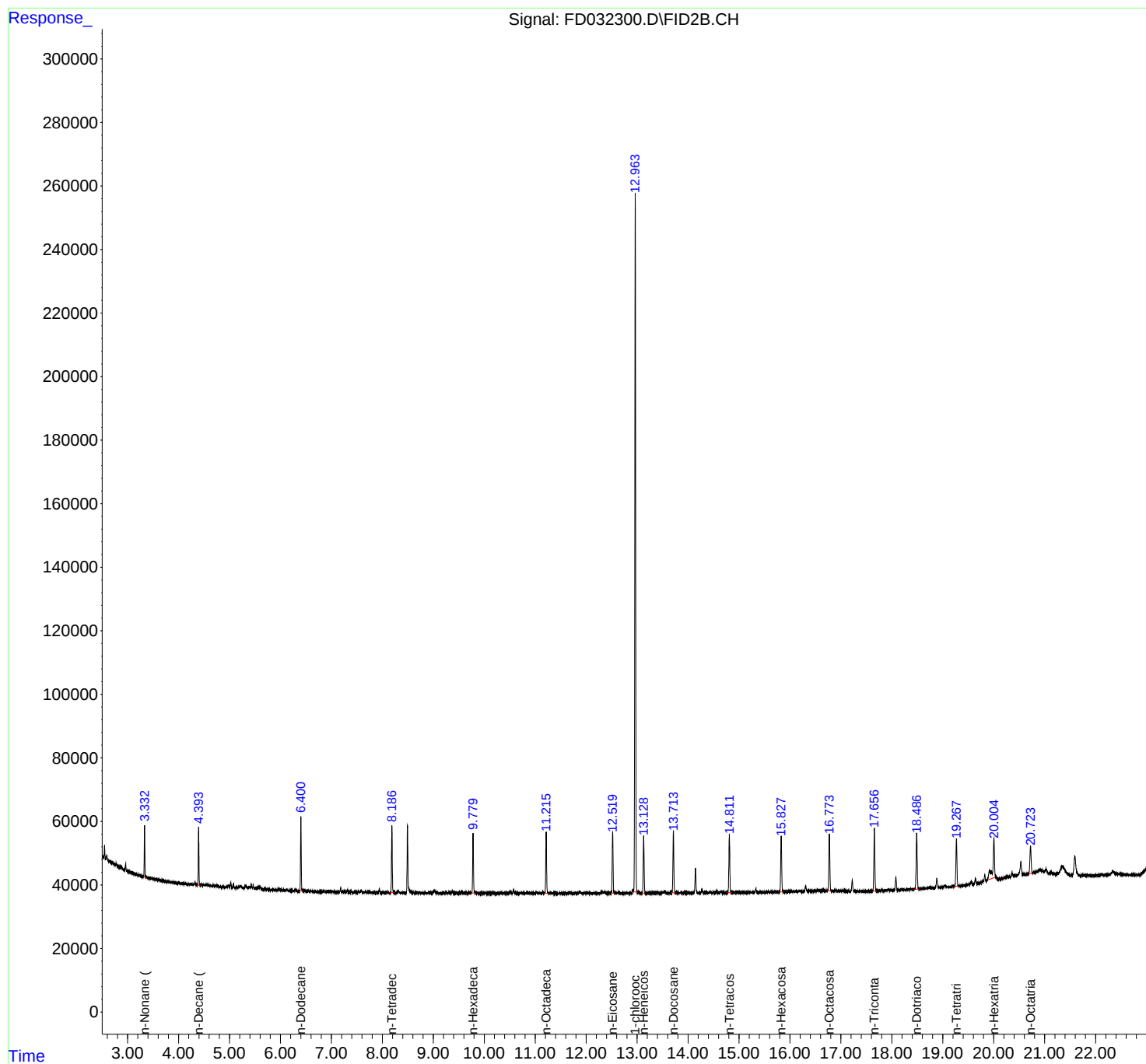
(m)=manual int.

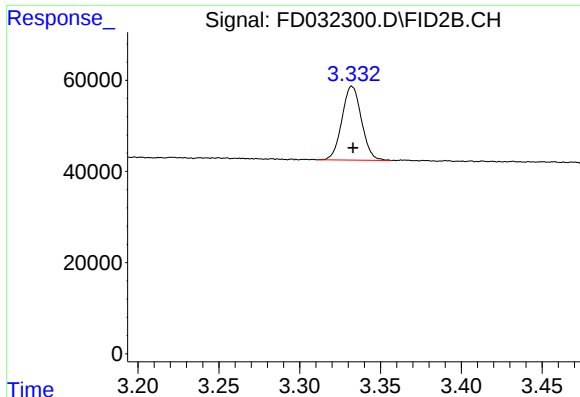
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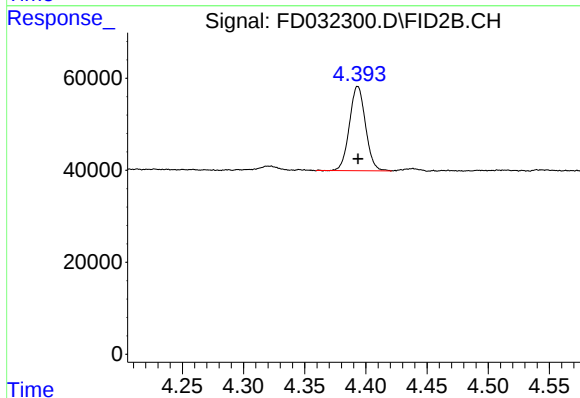




#1 n-Nonane (C9)

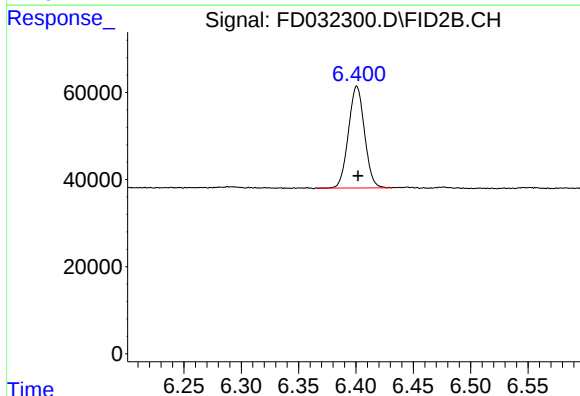
R.T.: 3.332 min
Delta R.T.: 0.000 min
Response: 136103
Conc: 1.01 ug/ml

Instrument :
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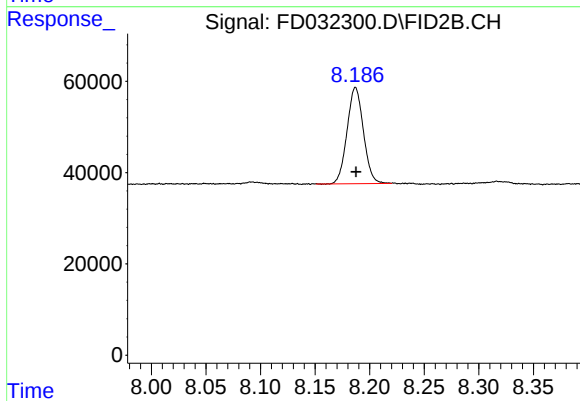
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 167251
Conc: 1.23 ug/ml



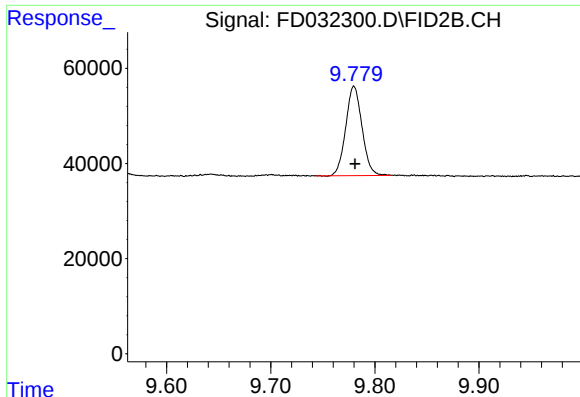
#4 n-Dodecane (C12)

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 228231
Conc: 1.67 ug/ml



#6 n-Tetradecane (C14)

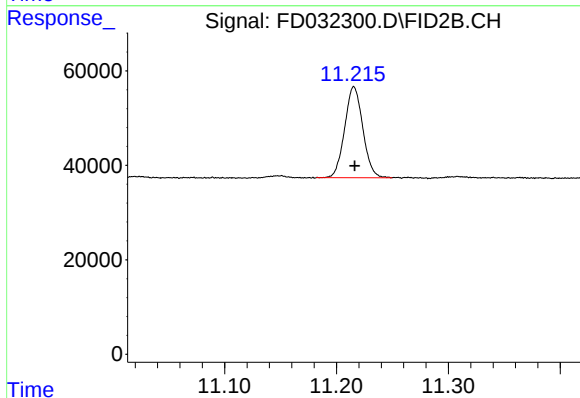
R.T.: 8.187 min
Delta R.T.: 0.000 min
Response: 219861
Conc: 1.59 ug/ml



#7 n-Hexadecane (C16)

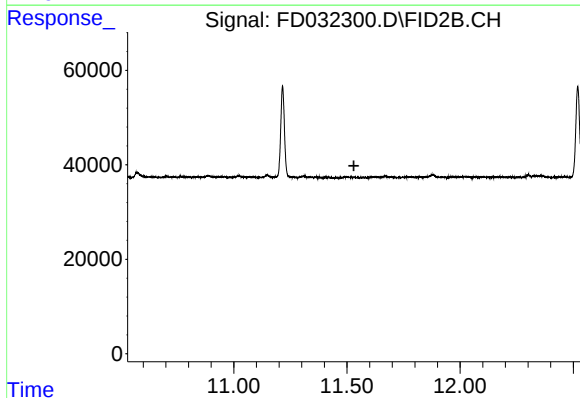
R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 203837
Conc: 1.48 ug/ml

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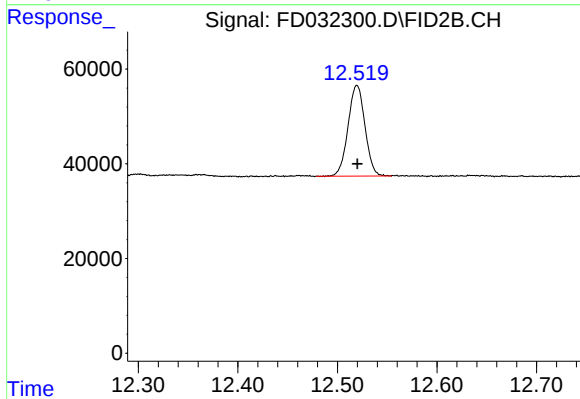
#8 n-Octadecane (C18)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 217448
Conc: 1.57 ug/ml



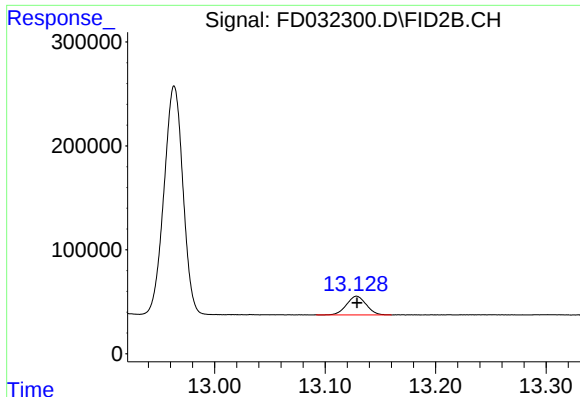
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.531 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

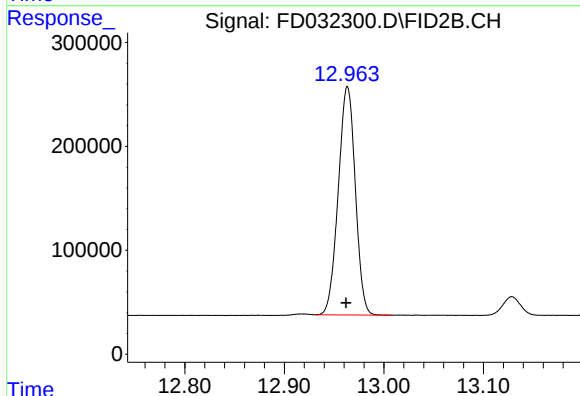
R.T.: 12.520 min
Delta R.T.: 0.000 min
Response: 226026
Conc: 1.63 ug/ml



#11 n-Heneicosane (C21)

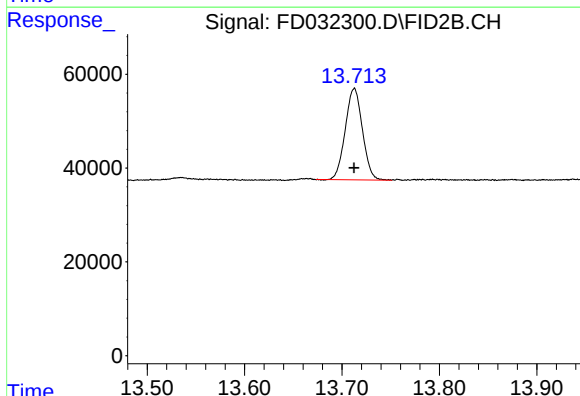
R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 221956
Conc: 1.59 ug/ml

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FID_D
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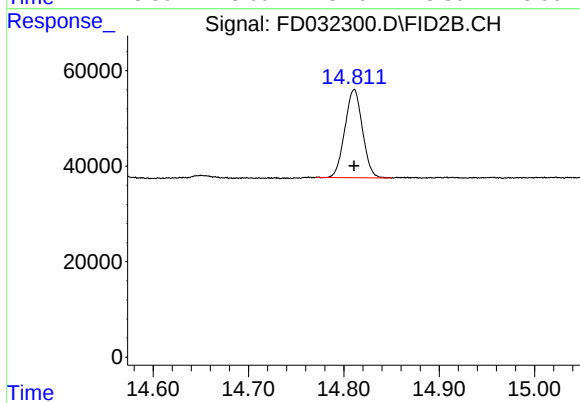
#12 1-chlorooctadecane (SURR)

R.T.: 12.963 min
Delta R.T.: 0.001 min
Response: 2615448
Conc: 22.15 ug/ml



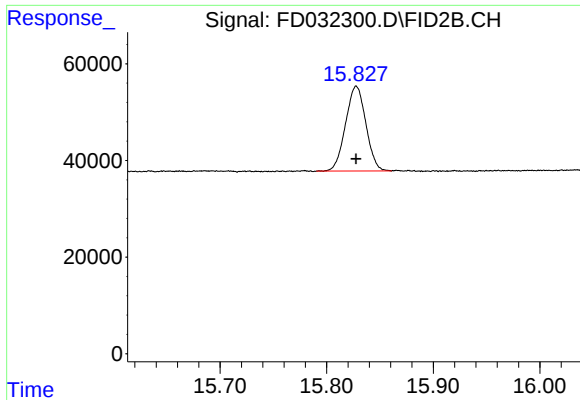
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 238677
Conc: 1.72 ug/ml



#14 n-Tetracosane (C24)

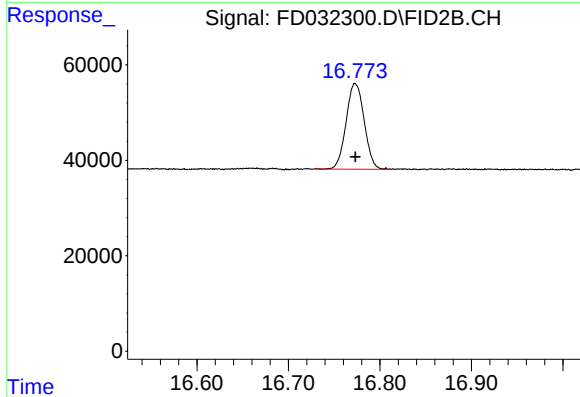
R.T.: 14.811 min
Delta R.T.: 0.000 min
Response: 237748
Conc: 1.71 ug/ml



#15 n-Hexacosane (C26)

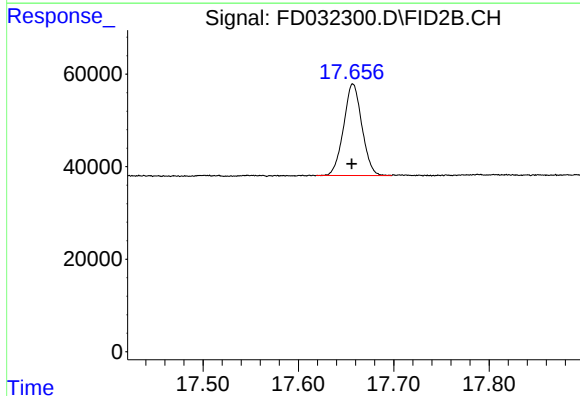
R.T.: 15.828 min
Delta R.T.: 0.000 min
Response: 232328
Conc: 1.70 ug/ml

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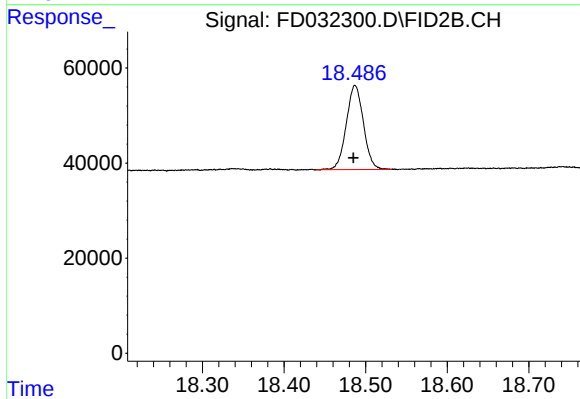
#16 n-Octacosane (C28)

R.T.: 16.773 min
Delta R.T.: 0.000 min
Response: 246009
Conc: 1.83 ug/ml



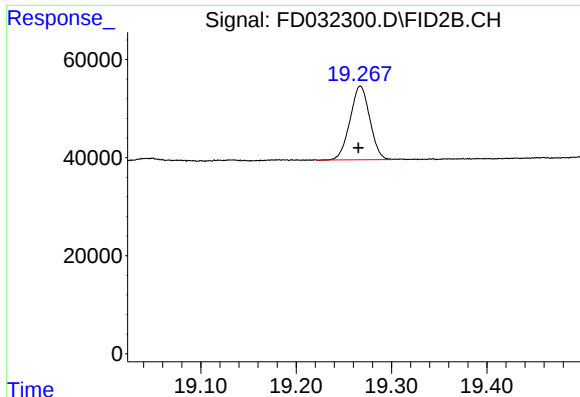
#17 n-Tricontane (C30)

R.T.: 17.657 min
Delta R.T.: 0.001 min
Response: 264006
Conc: 2.05 ug/ml



#18 n-Dotriacontane (C32)

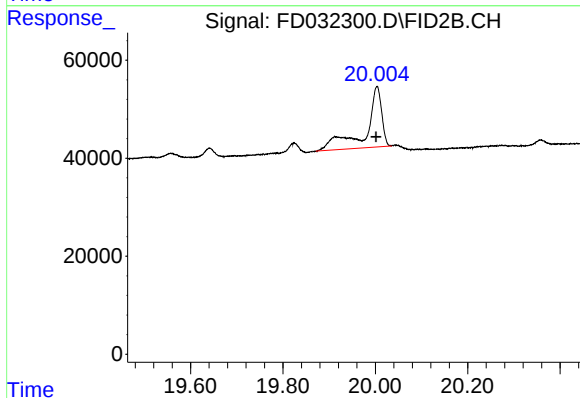
R.T.: 18.487 min
Delta R.T.: 0.002 min
Response: 257786
Conc: 2.32 ug/ml



#19 n-Tetratriacontane (C34)

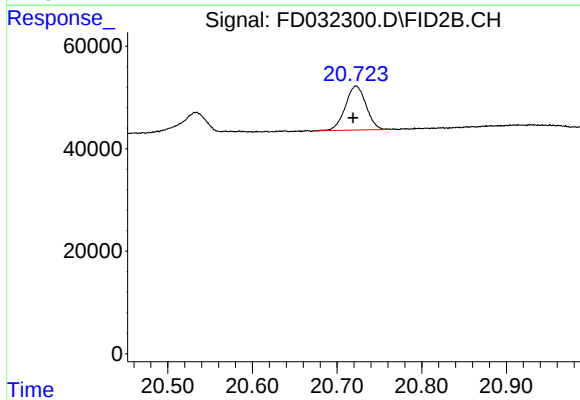
R.T.: 19.267 min
Delta R.T.: 0.002 min
Response: 215996
Conc: 2.34 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.004 min
Delta R.T.: 0.002 min
Response: 297779
Conc: 3.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.723 min
Delta R.T.: 0.003 min
Response: 145861
Conc: 1.89 ug/ml