

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012422AL\
 Data File : FD040765.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jan 2022 4:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 05:05:34 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)	10.613	2931356	19.012 ug/ml
Spiked Amount 50.000		Recovery =	38.02%
12) S 1-chlorooctadecane (S...	12.052	2203467	18.720 ug/ml
Spiked Amount 50.000		Recovery =	37.44%
Target Compounds			
1) T n-Nonane (C9)	2.565	2677324	20.854 ug/ml
2) T n-Decane (C10)	3.550	2699860	20.967 ug/ml
3) T A~Naphthalene (C11.7)	5.080	3001967	21.130 ug/ml
4) T n-Dodecane (C12)	5.518	2715233	21.244 ug/ml
5) T A~2-methylnaphthalene...	6.120	2997387	21.247 ug/ml
6) T n-Tetradecane (C14)	7.293	2748557	21.218 ug/ml
7) T n-Hexadecane (C16)	8.882	2719900	20.877 ug/ml
8) T n-Octadecane (C18)	10.313	2717321	20.054 ug/ml
10) T n-Eicosane (C20)	11.613	2601766	19.128 ug/ml
11) T n-Heneicosane (C21)	12.222	2580698	18.636 ug/ml
13) T n-Docosane (C22)	12.804	2512657	18.223 ug/ml
14) T n-Tetracosane (C24)	13.901	2435007	17.415 ug/ml
15) T n-Hexacosane (C26)	14.917	2351136	17.056 ug/ml
16) T n-Octacosane (C28)	15.861	2337491	17.227 ug/ml
17) T n-Tricontane (C30)	16.744	2317306	17.779 ug/ml
18) T n-Dotriacontane (C32)	17.574	2202770	18.426 ug/ml
19) T n-Tetratriacontane (C34)	18.354	2088254	19.833 ug/ml
20) T n-Hexatriacontane (C36)	19.089	1964996	19.392 ug/ml
21) T n-Octatriacontane (C38)	19.788	1911321	21.393 ug/ml
22) T n-Tetracontane (C40)	20.585	1823450	21.331 ug/ml

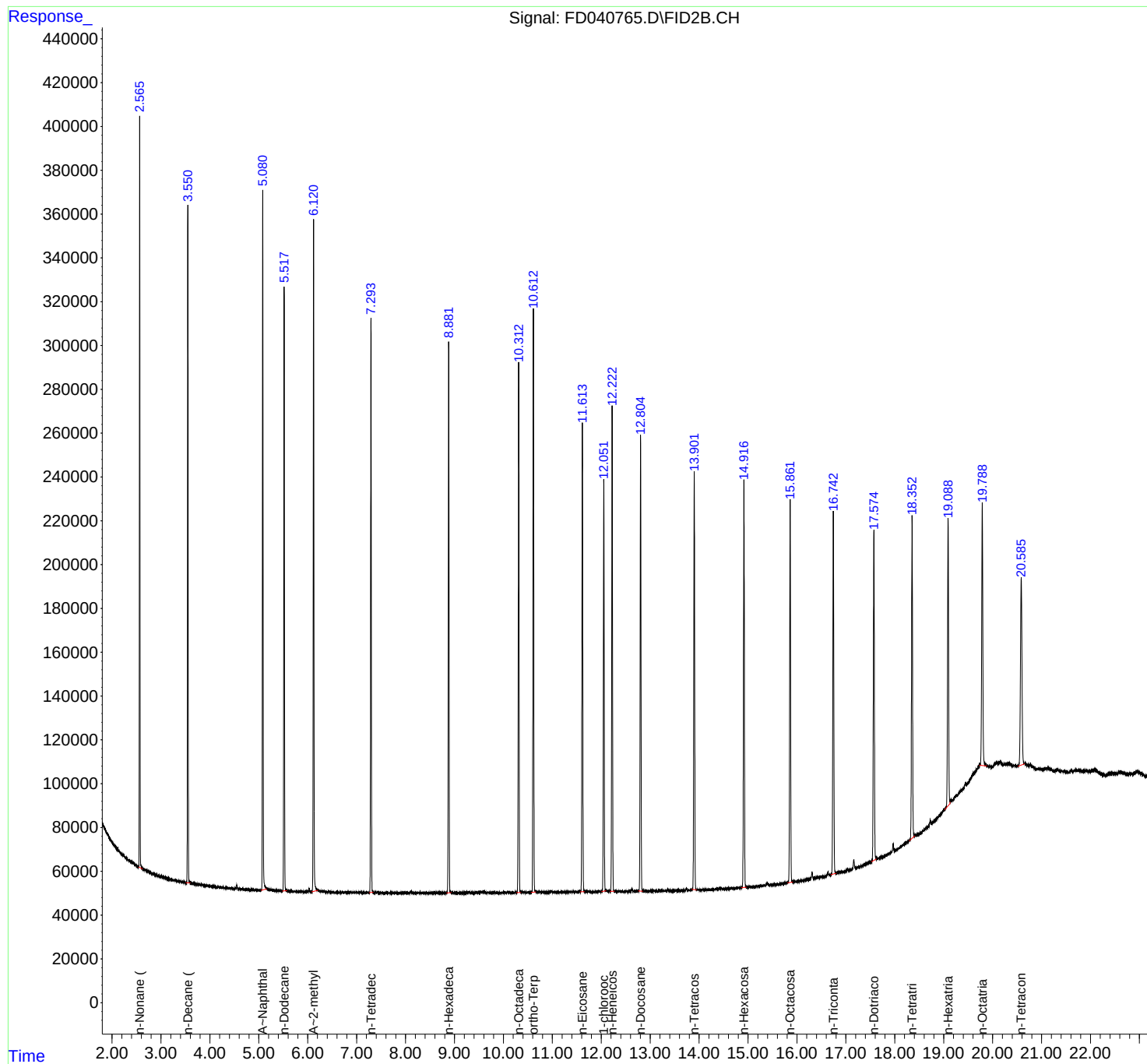
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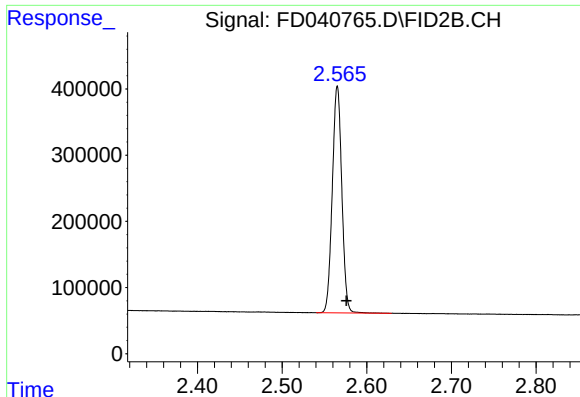
(m)=manual int.

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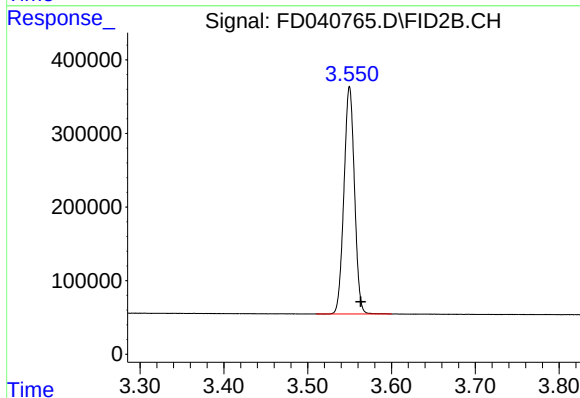
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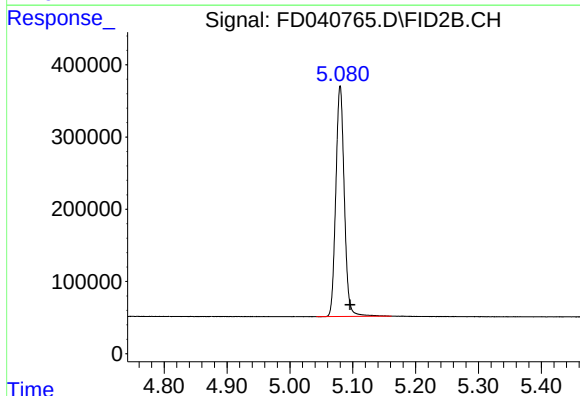
#1 n-Nonane (C9)

R.T.: 2.565 min
Delta R.T.: -0.011 min
Response: 2677324
Conc: 20.85 ug/ml



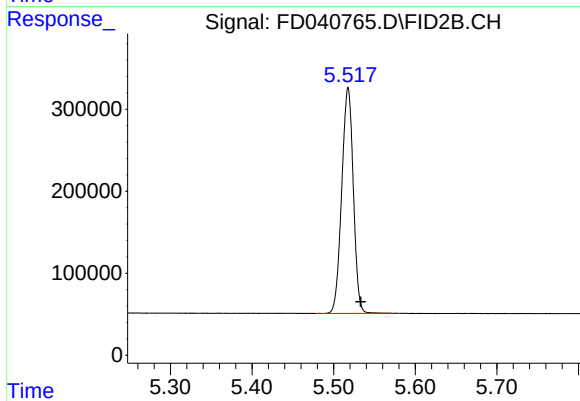
#2 n-Decane (C10)

R.T.: 3.550 min
Delta R.T.: -0.013 min
Response: 2699860
Conc: 20.97 ug/ml



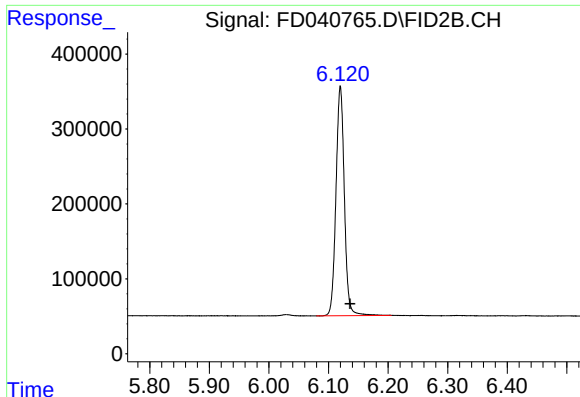
#3 A~Naphthalene (C11.7)

R.T.: 5.080 min
Delta R.T.: -0.016 min
Response: 3001967
Conc: 21.13 ug/ml



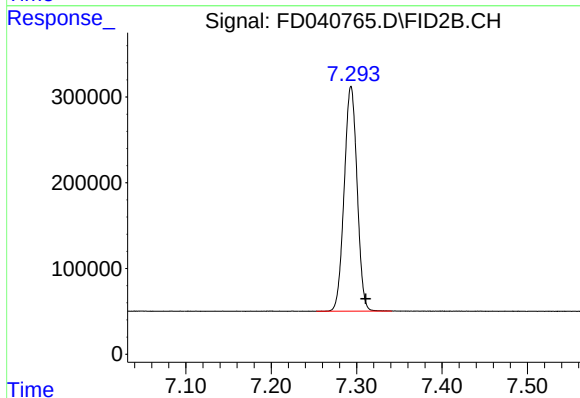
#4 n-Dodecane (C12)

R.T.: 5.518 min
Delta R.T.: -0.015 min
Response: 2715233
Conc: 21.24 ug/ml



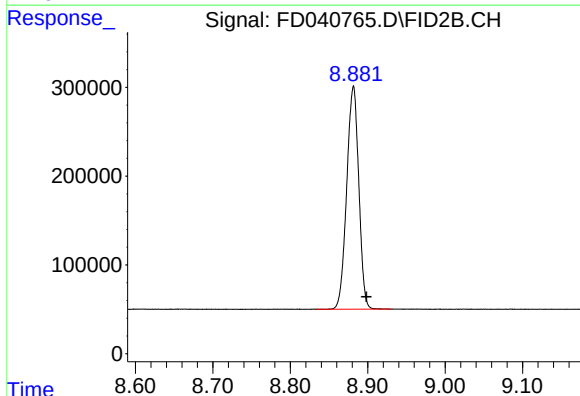
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.120 min
Delta R.T.: -0.016 min
Response: 2997387
Conc: 21.25 ug/ml



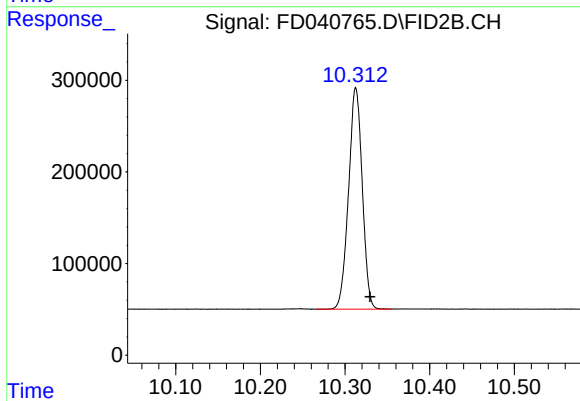
#6 n-Tetradecane (C14)

R.T.: 7.293 min
Delta R.T.: -0.017 min
Response: 2748557
Conc: 21.22 ug/ml



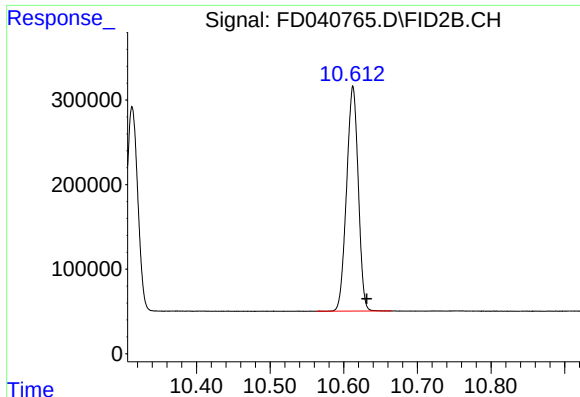
#7 n-Hexadecane (C16)

R.T.: 8.882 min
Delta R.T.: -0.017 min
Response: 2719900
Conc: 20.88 ug/ml



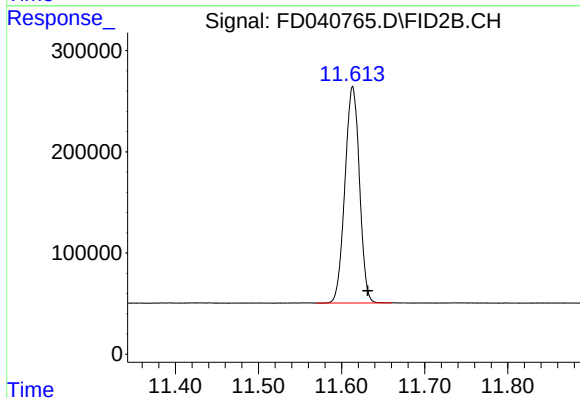
#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: -0.017 min
Response: 2717321
Conc: 20.05 ug/ml



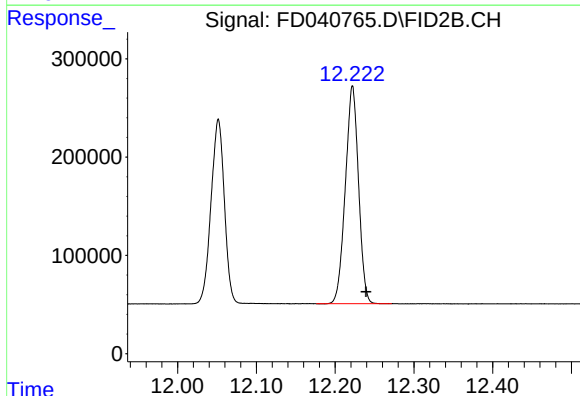
#9 ortho-Terphenyl (SURR)

R.T.: 10.613 min
Delta R.T.: -0.019 min
Response: 2931356
Conc: 19.01 ug/ml



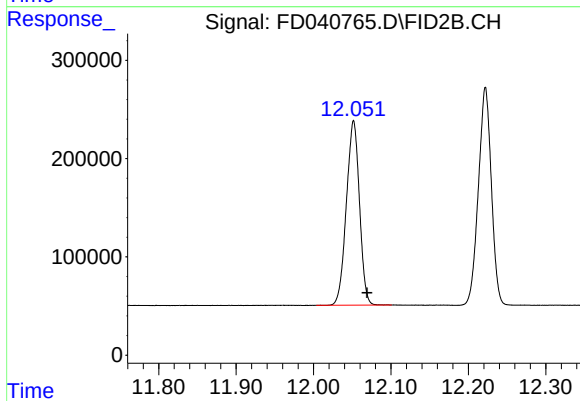
#10 n-Eicosane (C20)

R.T.: 11.613 min
Delta R.T.: -0.018 min
Response: 2601766
Conc: 19.13 ug/ml



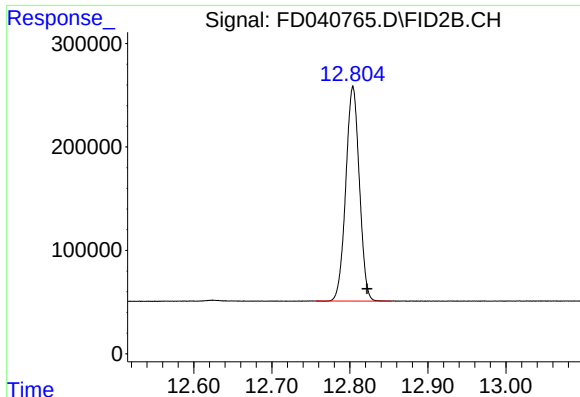
#11 n-Heneicosane (C21)

R.T.: 12.222 min
Delta R.T.: -0.017 min
Response: 2580698
Conc: 18.64 ug/ml



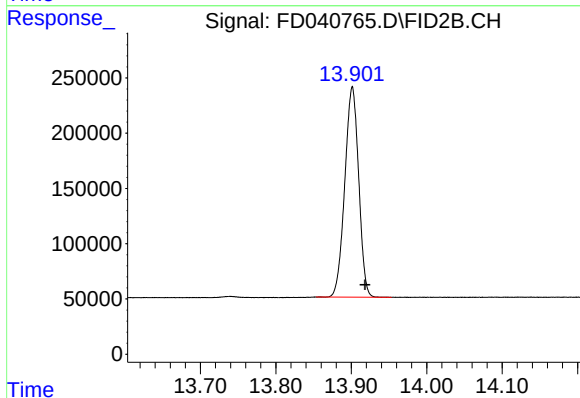
#12 1-chlorooctadecane (SURR)

R.T.: 12.052 min
Delta R.T.: -0.017 min
Response: 2203467
Conc: 18.72 ug/ml



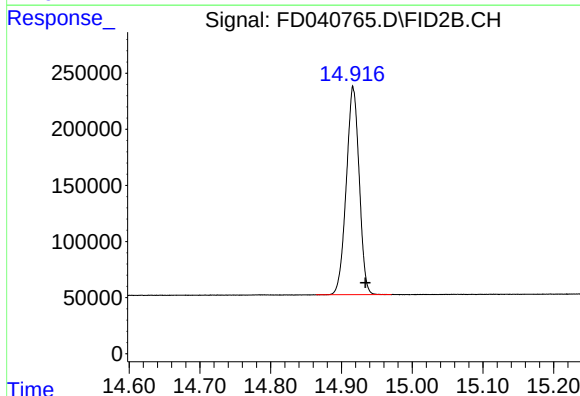
#13 n-Docosane (C22)

R.T.: 12.804 min
Delta R.T.: -0.018 min
Response: 2512657
Conc: 18.22 ug/ml



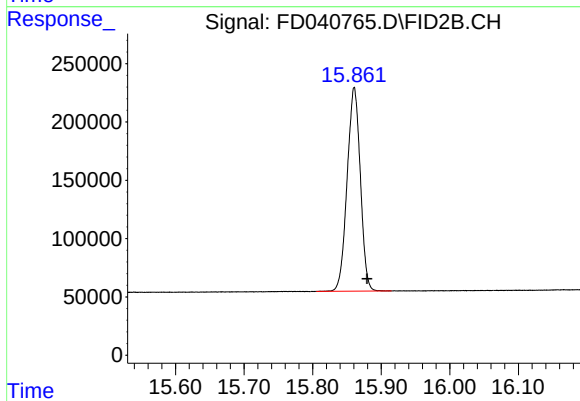
#14 n-Tetracosane (C24)

R.T.: 13.901 min
Delta R.T.: -0.017 min
Response: 2435007
Conc: 17.41 ug/ml



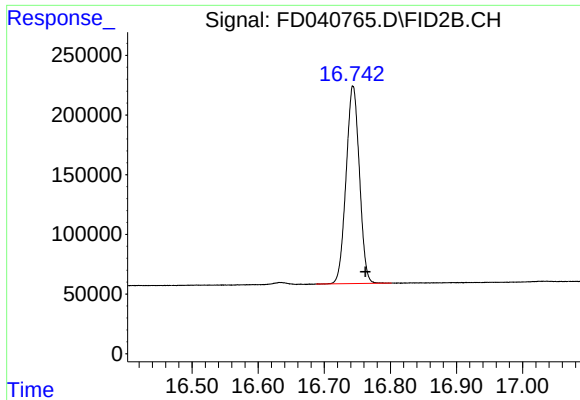
#15 n-Hexacosane (C26)

R.T.: 14.917 min
Delta R.T.: -0.017 min
Response: 2351136
Conc: 17.06 ug/ml



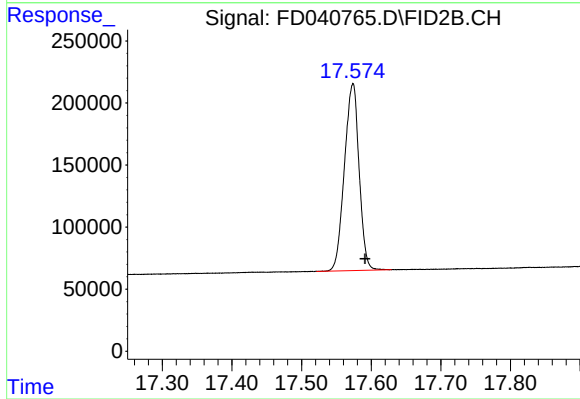
#16 n-Octacosane (C28)

R.T.: 15.861 min
Delta R.T.: -0.019 min
Response: 2337491
Conc: 17.23 ug/ml



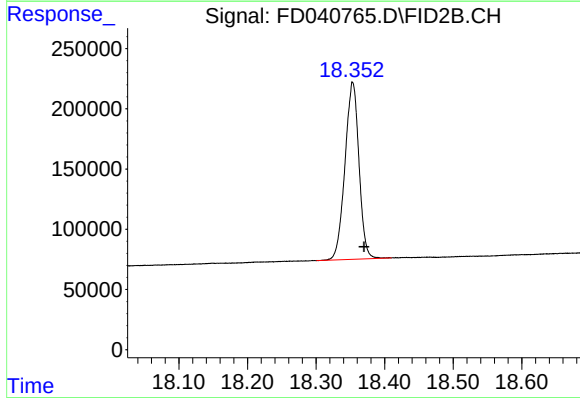
#17 n-Tricontane (C30)

R.T.: 16.744 min
Delta R.T.: -0.019 min
Response: 2317306
Conc: 17.78 ug/ml



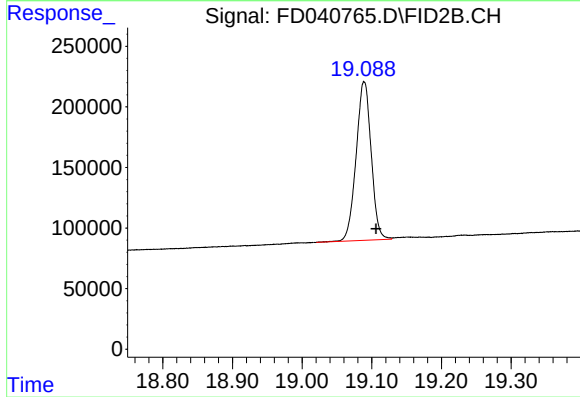
#18 n-Dotriacontane (C32)

R.T.: 17.574 min
Delta R.T.: -0.017 min
Response: 2202770
Conc: 18.43 ug/ml



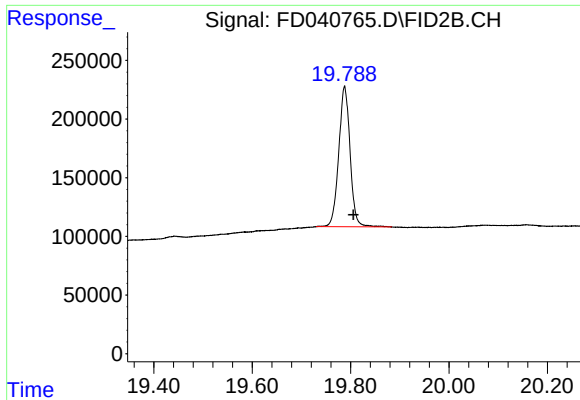
#19 n-Tetratriacontane (C34)

R.T.: 18.354 min
Delta R.T.: -0.017 min
Response: 2088254
Conc: 19.83 ug/ml



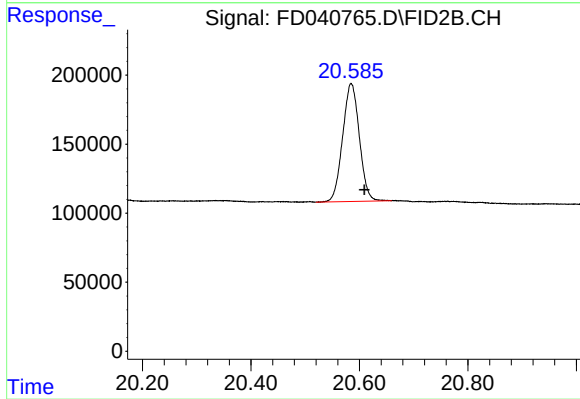
#20 n-Hexatriacontane (C36)

R.T.: 19.089 min
Delta R.T.: -0.017 min
Response: 1964996
Conc: 19.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.788 min
Delta R.T.: -0.018 min
Response: 1911321
Conc: 21.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.585 min
Delta R.T.: -0.024 min
Response: 1823450
Conc: 21.33 ug/ml