

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051922AL\
 Data File : FD042546.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2022 4:09
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 19 05:22:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.201	3311013	19.759 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	12.640	2563188	19.879 ug/ml
Spiked Amount 50.000		Recovery =	39.76%
Target Compounds			
1) T n-Nonane (C9)	3.078	2986118	19.663 ug/ml
2) T n-Decane (C10)	4.121	2968663	19.732 ug/ml
3) T A~Naphthalene (C11.7)	5.672	3054221	19.827 ug/ml
4) T n-Dodecane (C12)	6.114	3096022	19.703 ug/ml
5) T A~2-methylnaphthalene...	6.717	3012166	19.575 ug/ml
6) T n-Tetradecane (C14)	7.889	3105592	19.709 ug/ml
7) T n-Hexadecane (C16)	9.474	3113892	19.715 ug/ml
8) T n-Octadecane (C18)	10.904	3114527	19.747 ug/ml
10) T n-Eicosane (C20)	12.203	3045443	19.771 ug/ml
11) T n-Heneicosane (C21)	12.810	3021564	19.762 ug/ml
13) T n-Docosane (C22)	13.392	2967578	19.818 ug/ml
14) T n-Tetracosane (C24)	14.487	2872602	19.915 ug/ml
15) T n-Hexacosane (C26)	15.502	2778523	19.840 ug/ml
16) T n-Octacosane (C28)	16.445	2699957	19.806 ug/ml
17) T n-Tricontane (C30)	17.328	2630565	19.759 ug/ml
18) T n-Dotriacontane (C32)	18.155	2507224	19.704 ug/ml
19) T n-Tetratriacontane (C34)	18.933	2373663	19.667 ug/ml
20) T n-Hexatriacontane (C36)	19.670	2248463	19.854 ug/ml
21) T n-Octatriacontane (C38)	20.368	2133915	19.761 ug/ml
22) T n-Tetracontane (C40)	21.138	2075966	19.460 ug/ml

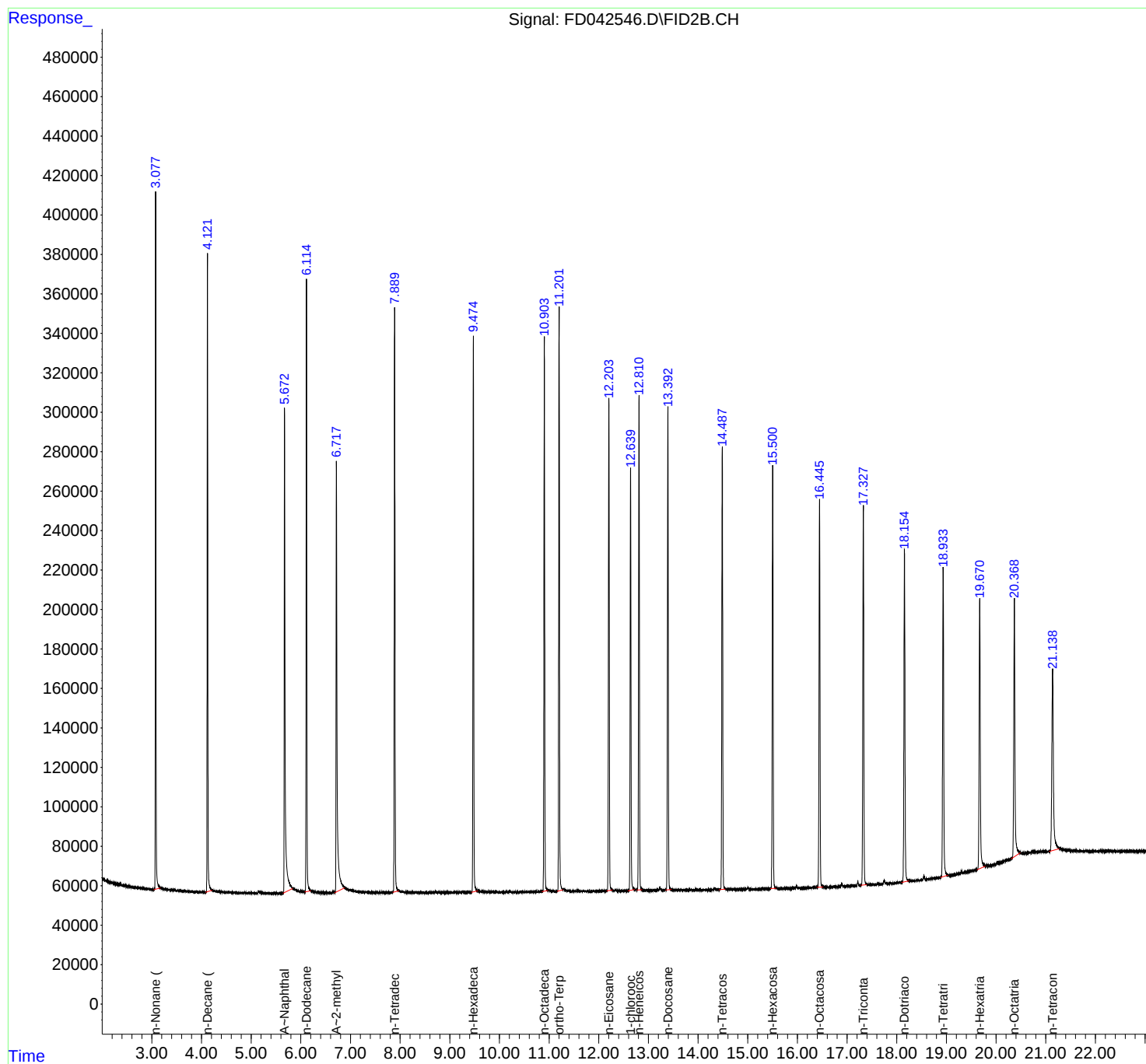
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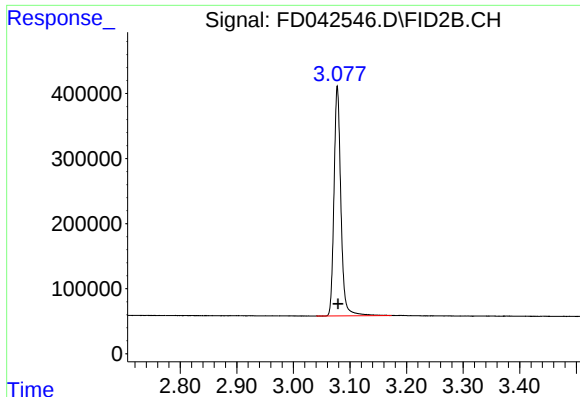
(m)=manual int.

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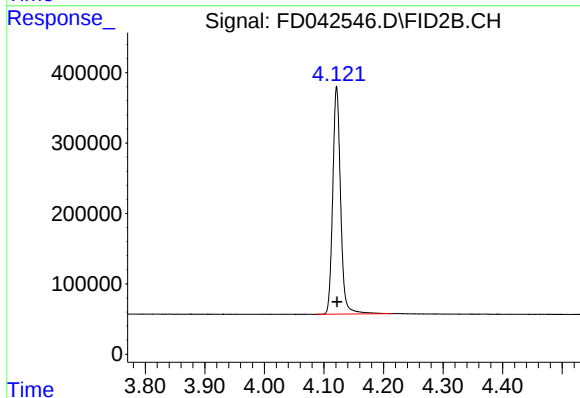
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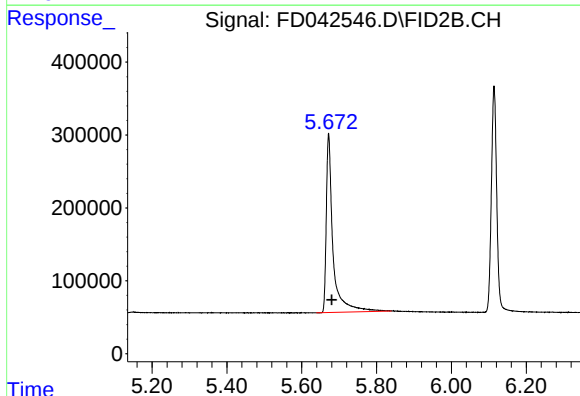
#1 n-Nonane (C9)

R.T.: 3.078 min
Delta R.T.: -0.001 min
Response: 2986118
Conc: 19.66 ug/ml



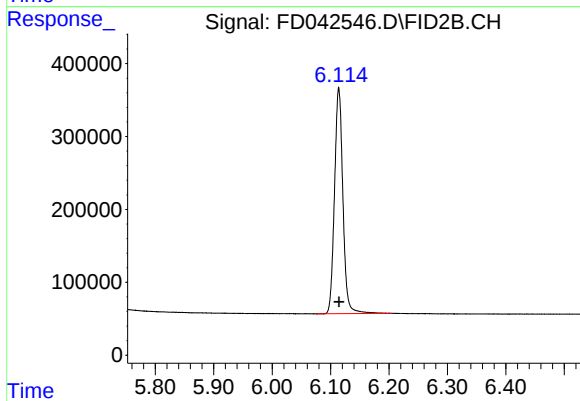
#2 n-Decane (C10)

R.T.: 4.121 min
Delta R.T.: 0.000 min
Response: 2968663
Conc: 19.73 ug/ml



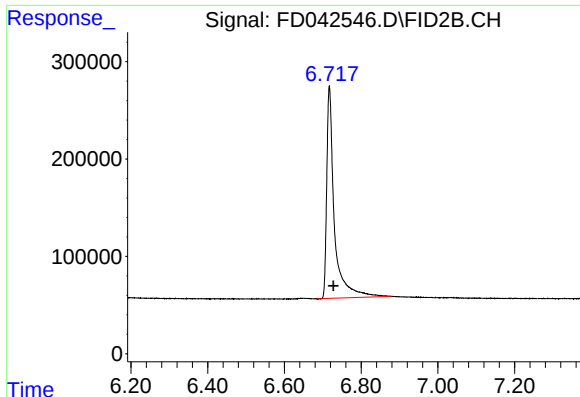
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.009 min
Response: 3054221
Conc: 19.83 ug/ml



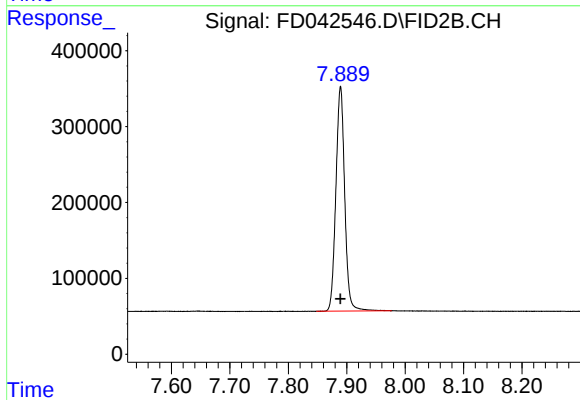
#4 n-Dodecane (C12)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 3096022
Conc: 19.70 ug/ml



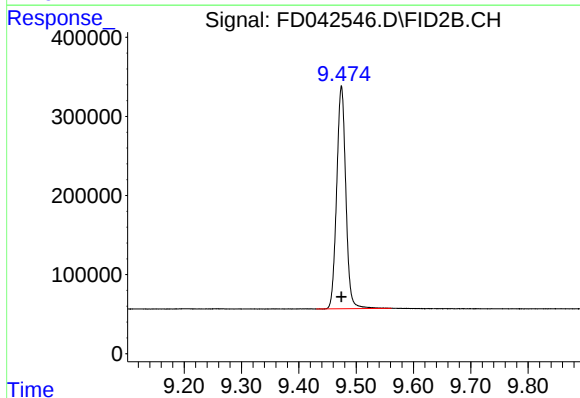
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.717 min
Delta R.T.: -0.010 min
Response: 3012166
Conc: 19.57 ug/ml



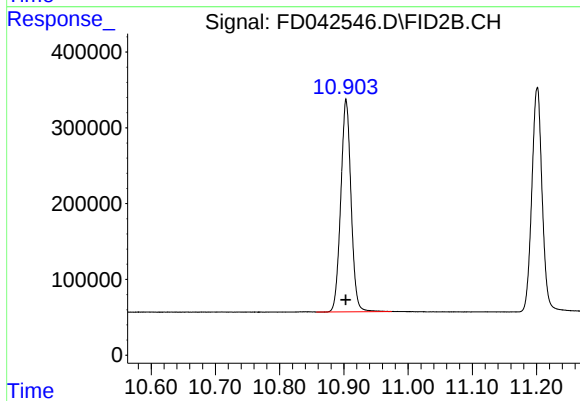
#6 n-Tetradecane (C14)

R.T.: 7.889 min
Delta R.T.: 0.000 min
Response: 3105592
Conc: 19.71 ug/ml



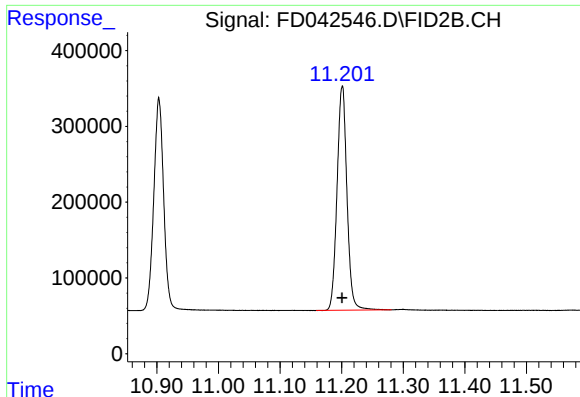
#7 n-Hexadecane (C16)

R.T.: 9.474 min
Delta R.T.: 0.000 min
Response: 3113892
Conc: 19.72 ug/ml



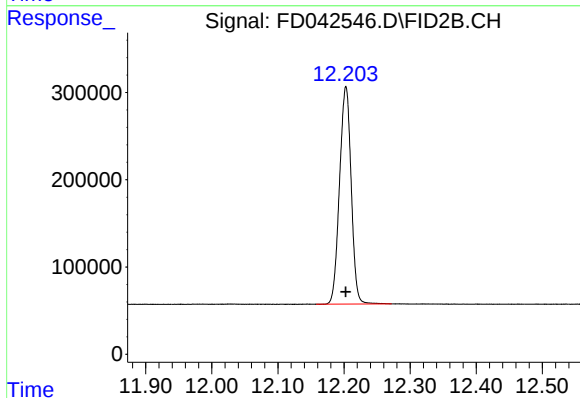
#8 n-Octadecane (C18)

R.T.: 10.904 min
Delta R.T.: 0.000 min
Response: 3114527
Conc: 19.75 ug/ml



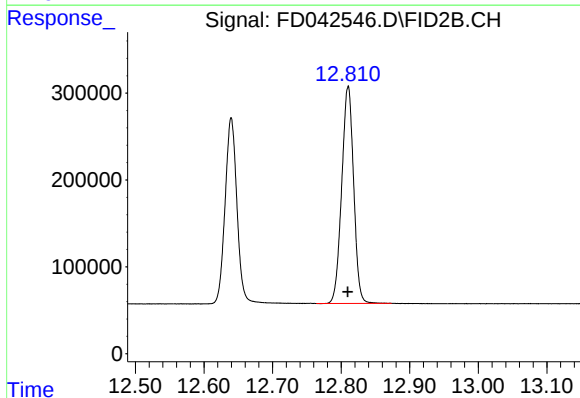
#9 ortho-Terphenyl (SURR)

R.T.: 11.201 min
Delta R.T.: 0.000 min
Response: 3311013
Conc: 19.76 ug/ml



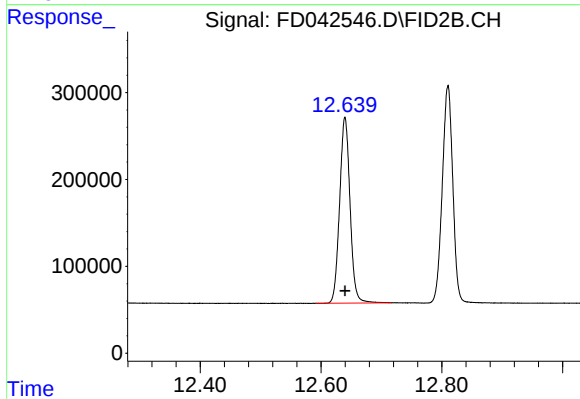
#10 n-Eicosane (C20)

R.T.: 12.203 min
Delta R.T.: 0.000 min
Response: 3045443
Conc: 19.77 ug/ml



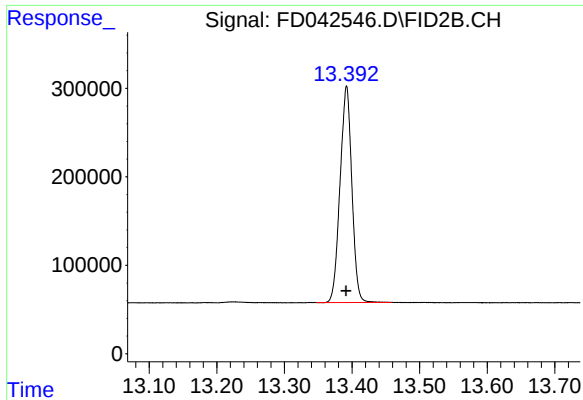
#11 n-Heneicosane (C21)

R.T.: 12.810 min
Delta R.T.: 0.000 min
Response: 3021564
Conc: 19.76 ug/ml



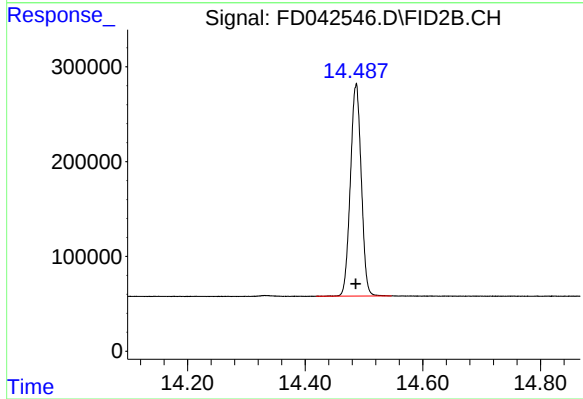
#12 1-chlorooctadecane (SURR)

R.T.: 12.640 min
Delta R.T.: 0.000 min
Response: 2563188
Conc: 19.88 ug/ml



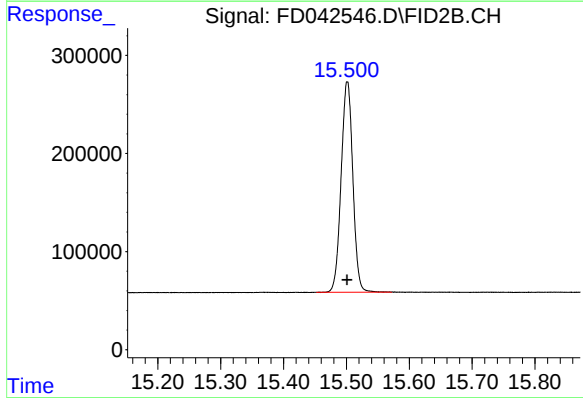
#13 n-Docosane (C22)

R.T.: 13.392 min
Delta R.T.: 0.000 min
Response: 2967578
Conc: 19.82 ug/ml



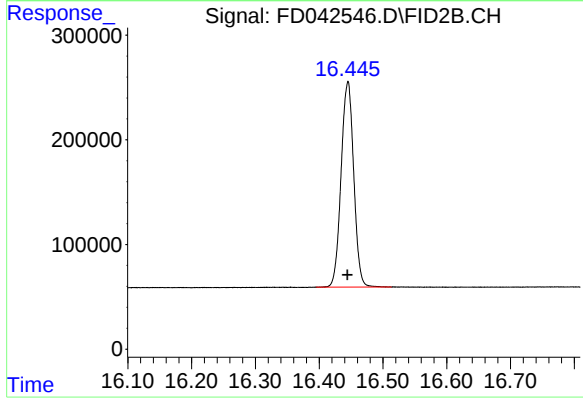
#14 n-Tetracosane (C24)

R.T.: 14.487 min
Delta R.T.: 0.000 min
Response: 2872602
Conc: 19.92 ug/ml



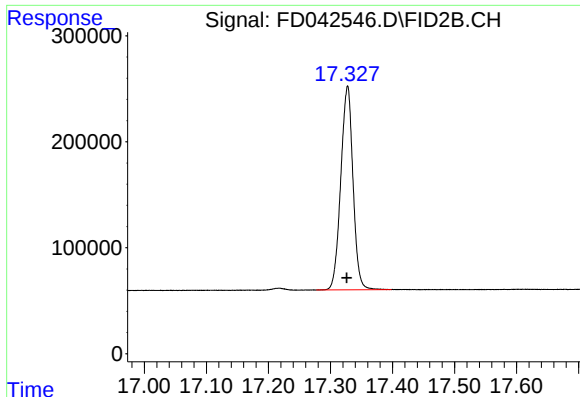
#15 n-Hexacosane (C26)

R.T.: 15.502 min
Delta R.T.: 0.000 min
Response: 2778523
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.445 min
Delta R.T.: 0.000 min
Response: 2699957
Conc: 19.81 ug/ml



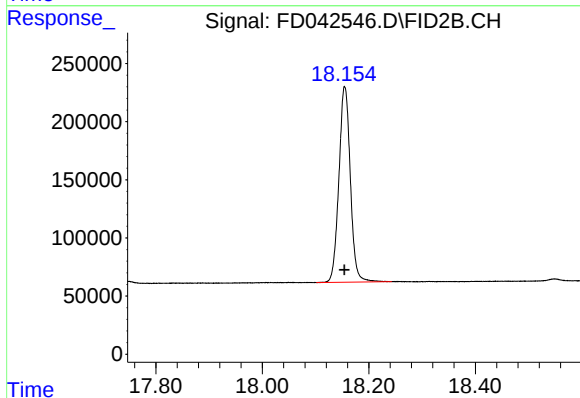
#17 n-Tricontane (C30)

R.T.: 17.328 min

Delta R.T.: 0.001 min

Response: 2630565

Conc: 19.76 ug/ml



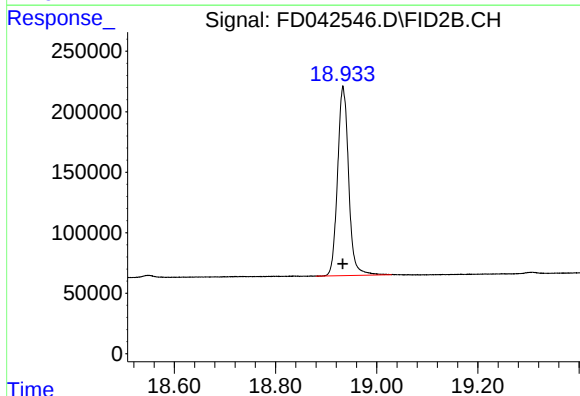
#18 n-Dotriacontane (C32)

R.T.: 18.155 min

Delta R.T.: 0.000 min

Response: 2507224

Conc: 19.70 ug/ml



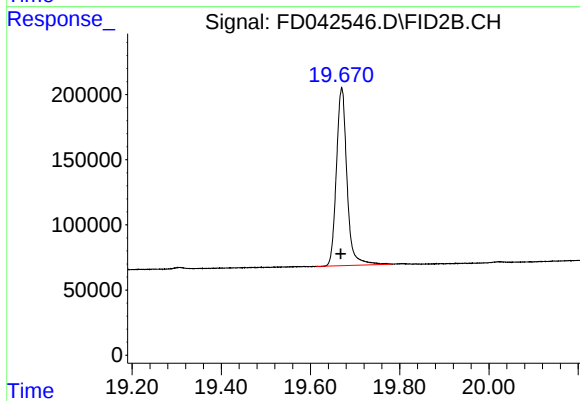
#19 n-Tetratriacontane (C34)

R.T.: 18.933 min

Delta R.T.: 0.000 min

Response: 2373663

Conc: 19.67 ug/ml



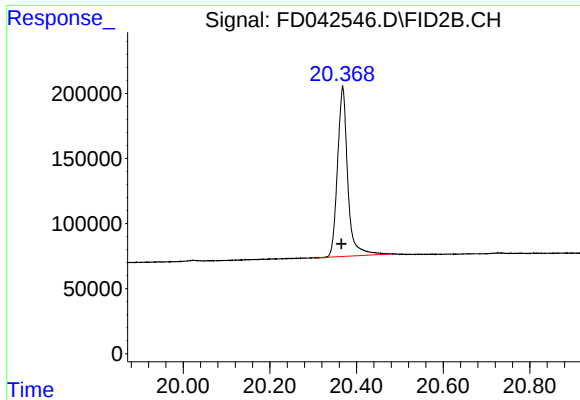
#20 n-Hexatriacontane (C36)

R.T.: 19.670 min

Delta R.T.: 0.002 min

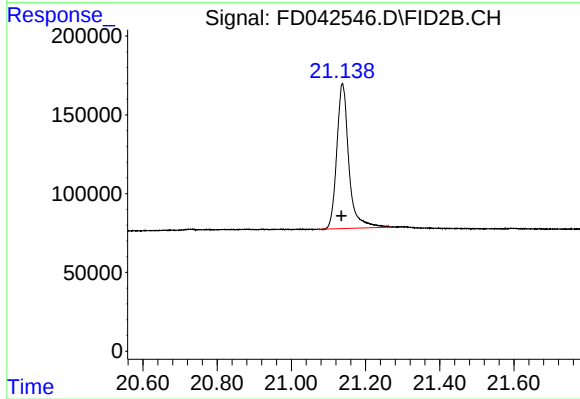
Response: 2248463

Conc: 19.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min
Delta R.T.: 0.004 min
Response: 2133915
Conc: 19.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: 0.002 min
Response: 2075966
Conc: 19.46 ug/ml