

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031523AL\
 Data File : FD045302.D
 Signal(s) : FID2B.ch
 Acq On : 15 Mar 2023 20:31
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 16 04:52:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 04:43:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.446	881399	5.692 ug/ml
Spiked Amount 50.000		Recovery =	11.38%
12) S 1-chlorooctadecane (S...	12.880	612604	5.465 ug/ml
Spiked Amount 50.000		Recovery =	10.93%
Target Compounds			
1) T n-Nonane (C9)	3.261	780176	5.682 ug/ml
2) T n-Decane (C10)	4.321	765816	5.662 ug/ml
3) T A~Naphthalene (C11.7)	5.889	884617	5.646 ug/ml
4) T n-Dodecane (C12)	6.327	775193	5.663 ug/ml
5) T A~2-methylnaphthalene...	6.938	822485	5.614 ug/ml
6) T n-Tetradecane (C14)	8.112	778118	5.654 ug/ml
7) T n-Hexadecane (C16)	9.704	796798	5.656 ug/ml
8) T n-Octadecane (C18)	11.138	808528	5.677 ug/ml
10) T n-Eicosane (C20)	12.440	765017	5.611 ug/ml
11) T n-Heneicosane (C21)	13.048	775198	5.680 ug/ml
13) T n-Docosane (C22)	13.631	755798	5.638 ug/ml
14) T n-Tetracosane (C24)	14.726	724827	5.569 ug/ml
15) T n-Hexacosane (C26)	15.741	697459	5.580 ug/ml
16) T n-Octacosane (C28)	16.684	686788	5.651 ug/ml
17) T n-Tricontane (C30)	17.565	672161	5.663 ug/ml
18) T n-Dotriacontane (C32)	18.392	672641	5.708 ug/ml
19) T n-Tetratriacontane (C34)	19.170	659105	5.731 ug/ml
20) T n-Hexatriacontane (C36)	19.906	603681	5.611 ug/ml
21) T n-Octatriacontane (C38)	20.610	570409	5.494 ug/ml
22) T n-Tetracontane (C40)	21.446	530968	5.365 ug/ml

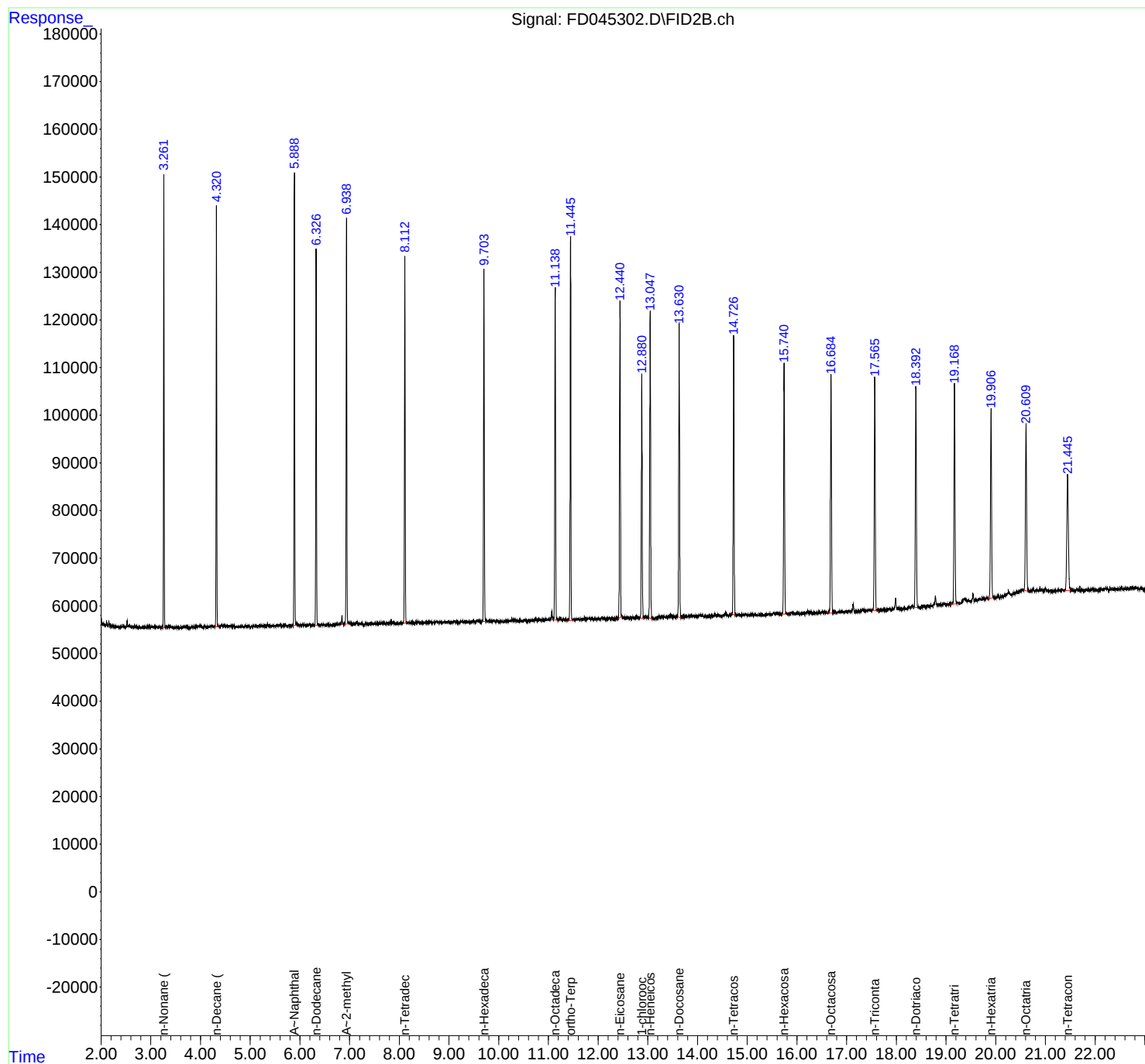
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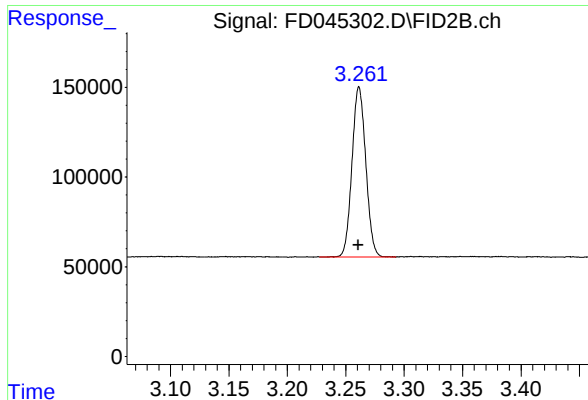
(m)=manual int.

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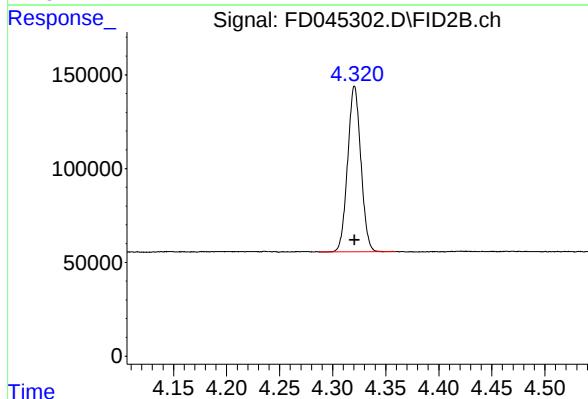
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Signal Info : 20M x 0.18mm x 0.18um





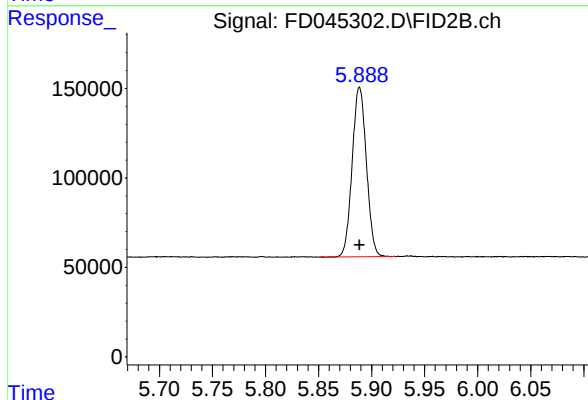
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.000 min
Response: 780176
Conc: 5.68 ug/ml



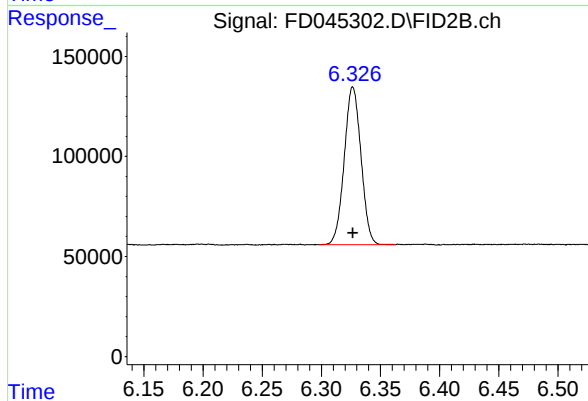
#2 n-Decane (C10)

R.T.: 4.321 min
Delta R.T.: 0.000 min
Response: 765816
Conc: 5.66 ug/ml



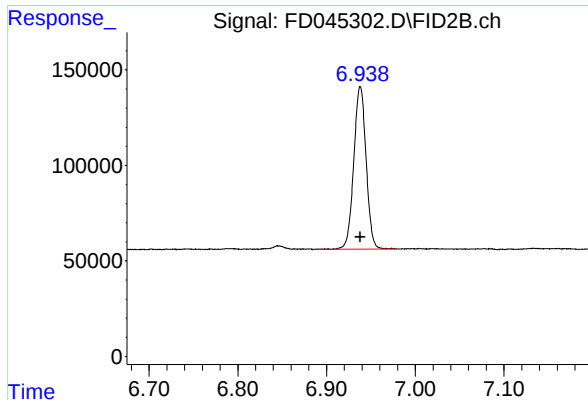
#3 A~Naphthalene (C11.7)

R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 884617
Conc: 5.65 ug/ml



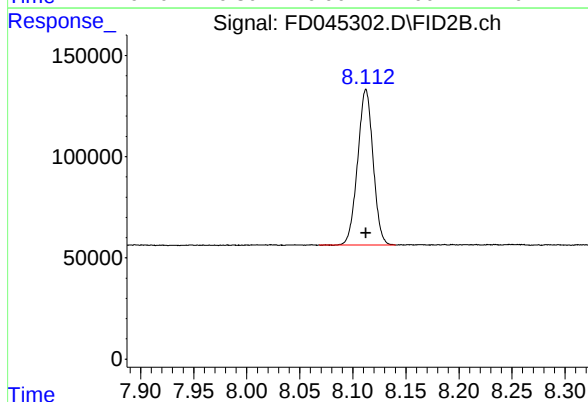
#4 n-Dodecane (C12)

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 775193
Conc: 5.66 ug/ml



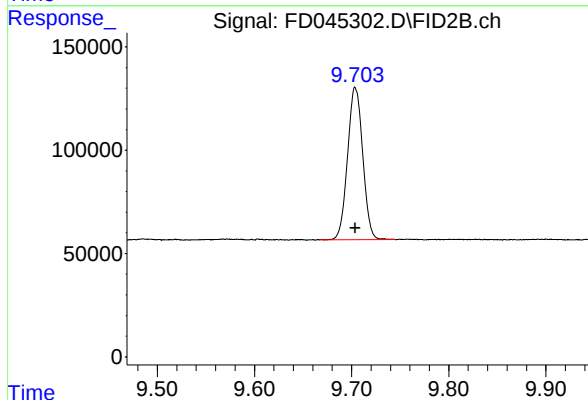
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 822485
Conc: 5.61 ug/ml



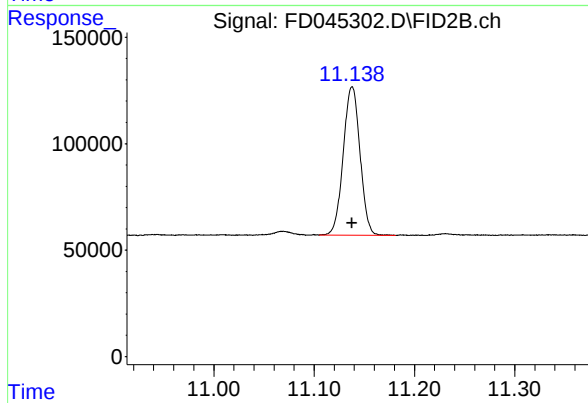
#6 n-Tetradecane (C14)

R.T.: 8.112 min
Delta R.T.: 0.000 min
Response: 778118
Conc: 5.65 ug/ml



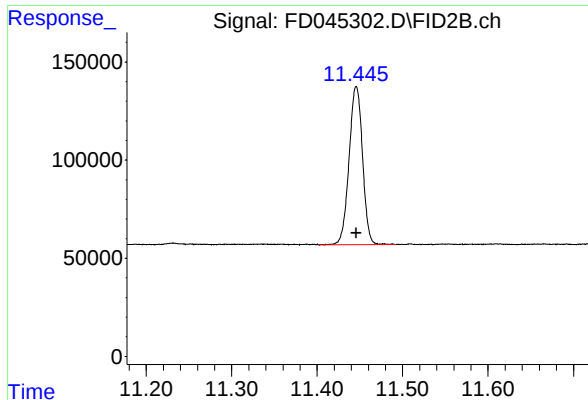
#7 n-Hexadecane (C16)

R.T.: 9.704 min
Delta R.T.: 0.000 min
Response: 796798
Conc: 5.66 ug/ml



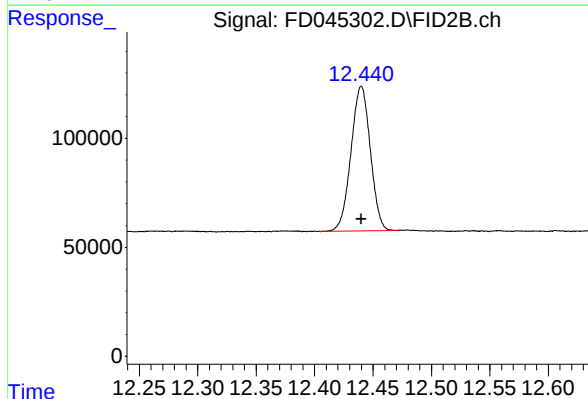
#8 n-Octadecane (C18)

R.T.: 11.138 min
Delta R.T.: 0.000 min
Response: 808528
Conc: 5.68 ug/ml



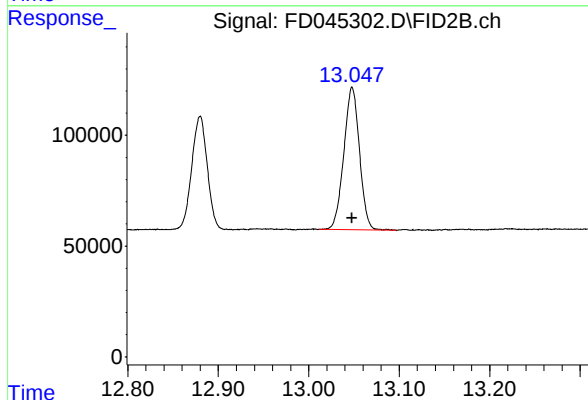
#9 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: 0.000 min
Response: 881399
Conc: 5.69 ug/ml



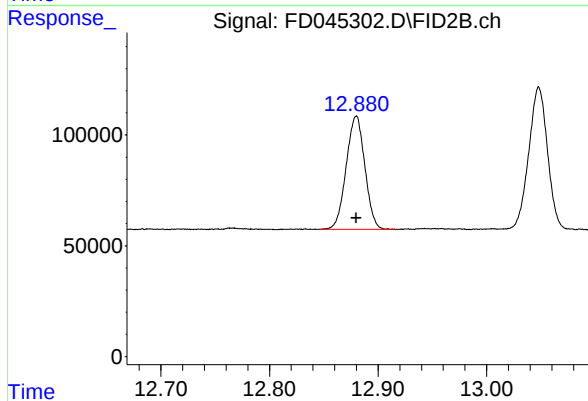
#10 n-Eicosane (C20)

R.T.: 12.440 min
Delta R.T.: 0.000 min
Response: 765017
Conc: 5.61 ug/ml



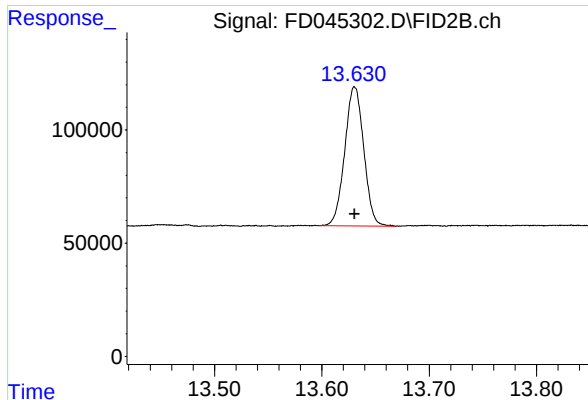
#11 n-Heneicosane (C21)

R.T.: 13.048 min
Delta R.T.: 0.000 min
Response: 775198
Conc: 5.68 ug/ml



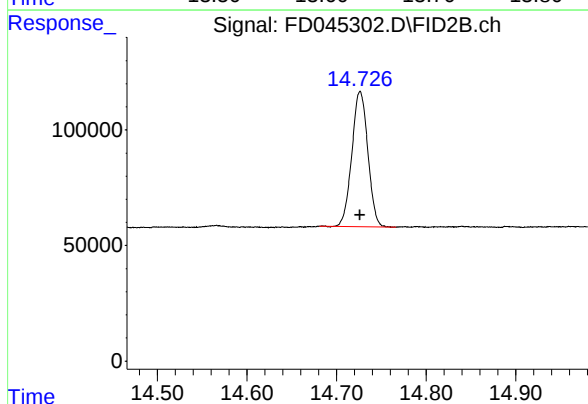
#12 1-chlorooctadecane (SURR)

R.T.: 12.880 min
Delta R.T.: 0.000 min
Response: 612604
Conc: 5.47 ug/ml



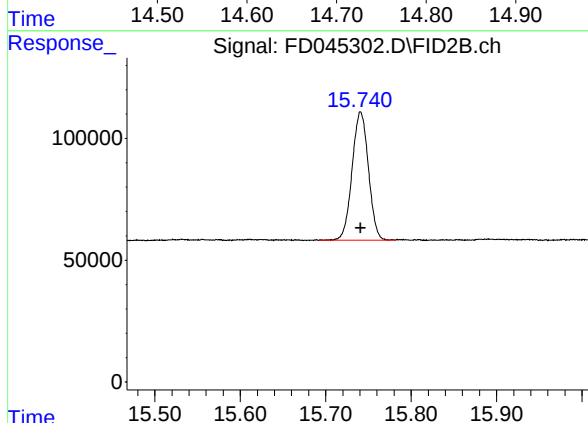
#13 n-Docosane (C22)

R.T.: 13.631 min
Delta R.T.: 0.000 min
Response: 755798
Conc: 5.64 ug/ml



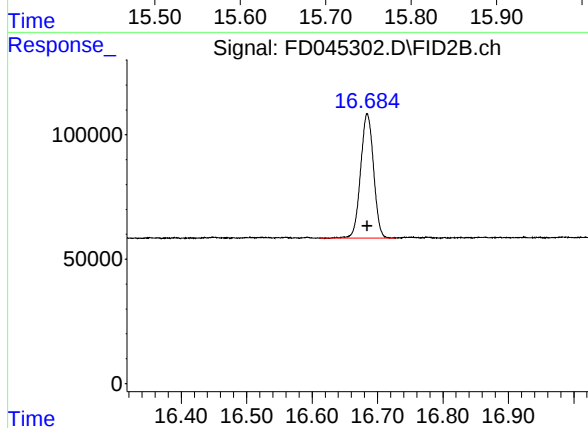
#14 n-Tetracosane (C24)

R.T.: 14.726 min
Delta R.T.: 0.000 min
Response: 724827
Conc: 5.57 ug/ml



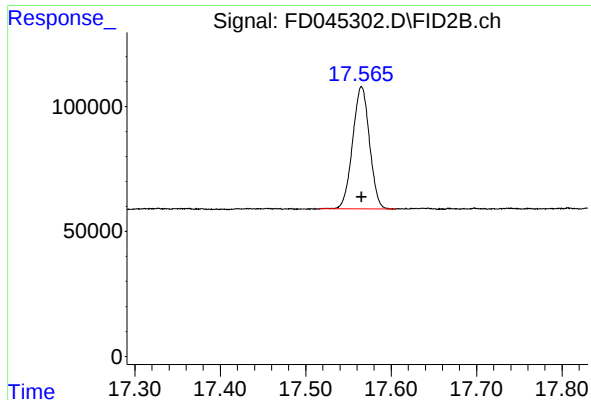
#15 n-Hexacosane (C26)

R.T.: 15.741 min
Delta R.T.: 0.000 min
Response: 697459
Conc: 5.58 ug/ml



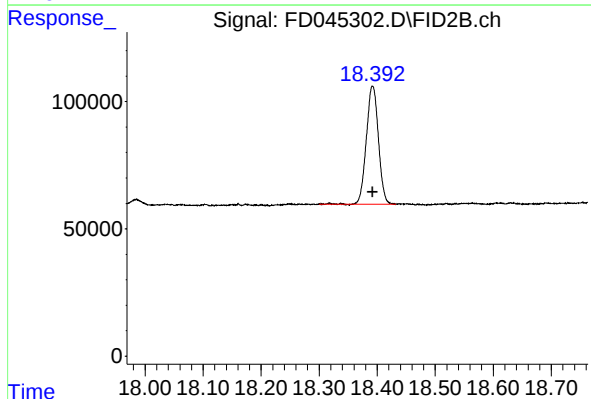
#16 n-Octacosane (C28)

R.T.: 16.684 min
Delta R.T.: 0.000 min
Response: 686788
Conc: 5.65 ug/ml



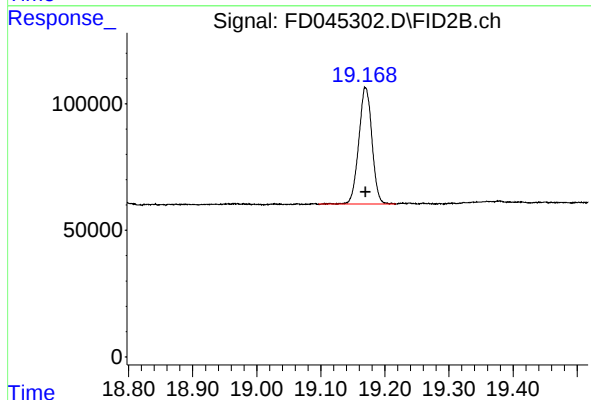
#17 n-Tricontane (C30)

R.T.: 17.565 min
Delta R.T.: 0.000 min
Response: 672161
Conc: 5.66 ug/ml



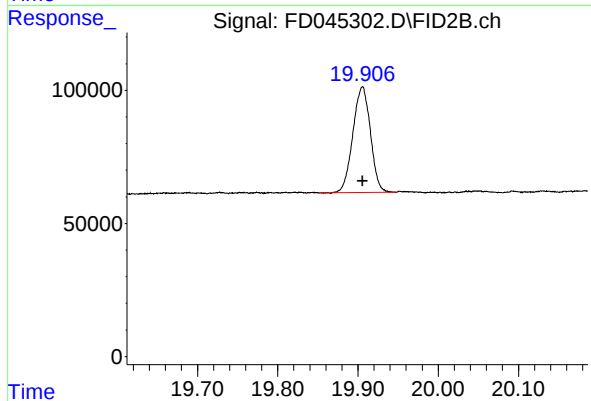
#18 n-Dotriacontane (C32)

R.T.: 18.392 min
Delta R.T.: 0.000 min
Response: 672641
Conc: 5.71 ug/ml



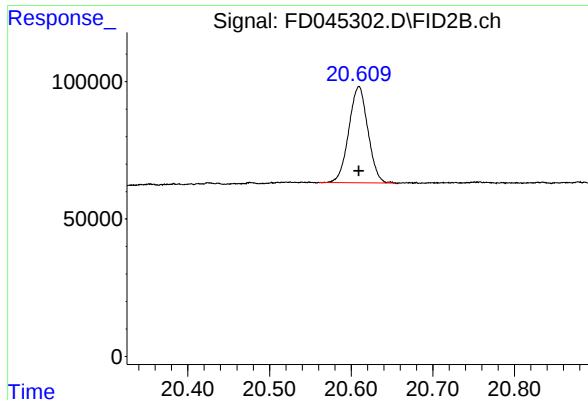
#19 n-Tetratriacontane (C34)

R.T.: 19.170 min
Delta R.T.: 0.000 min
Response: 659105
Conc: 5.73 ug/ml



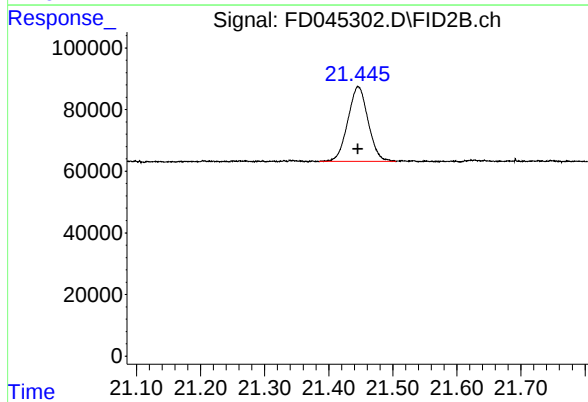
#20 n-Hexatriacontane (C36)

R.T.: 19.906 min
Delta R.T.: 0.000 min
Response: 603681
Conc: 5.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 570409
Conc: 5.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.446 min
Delta R.T.: 0.000 min
Response: 530968
Conc: 5.37 ug/ml