

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032724AL\
 Data File : FE047368.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 00:46
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 28 02:57:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 2024
 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)	11.982	3061611	19.550 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.415	2381693	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T n-Nonane (C9)	3.368	2884000	19.749 ug/ml
2) T n-Decane (C10)	4.619	2945472	19.760 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3060347	19.726 ug/ml
4) T n-Dodecane (C12)	6.783	2938123	19.646 ug/ml
5) T A~2-methylnaphthalene...	7.420	2943017	19.666 ug/ml
6) T n-Tetradecane (C14)	8.611	2890007	19.594 ug/ml
7) T n-Hexadecane (C16)	10.218	2967622	19.606 ug/ml
8) T n-Octadecane (C18)	11.661	2980310	19.616 ug/ml
10) T n-Eicosane (C20)	12.970	2863866	19.684 ug/ml
11) T n-Heneicosane (C21)	13.582	2802190	19.606 ug/ml
13) T n-Docosane (C22)	14.166	2819837	19.865 ug/ml
14) T n-Tetracosane (C24)	15.269	2872605	20.377 ug/ml
15) T n-Hexacosane (C26)	16.287	2860029	20.567 ug/ml
16) T n-Octacosane (C28)	17.236	2862536	20.949 ug/ml
17) T n-Tricontane (C30)	18.121	2988338	21.523 ug/ml
18) T n-Dotriacontane (C32)	18.951	2947180	21.366 ug/ml
19) T n-Tetratriacontane (C34)	19.733	2805215	20.468 ug/ml
20) T n-Hexatriacontane (C36)	20.472	2733781	20.018 ug/ml
21) T n-Octatriacontane (C38)	21.215	2753836	19.867 ug/ml
22) T n-Tetracontane (C40)	22.143	2738709	19.117 ug/ml

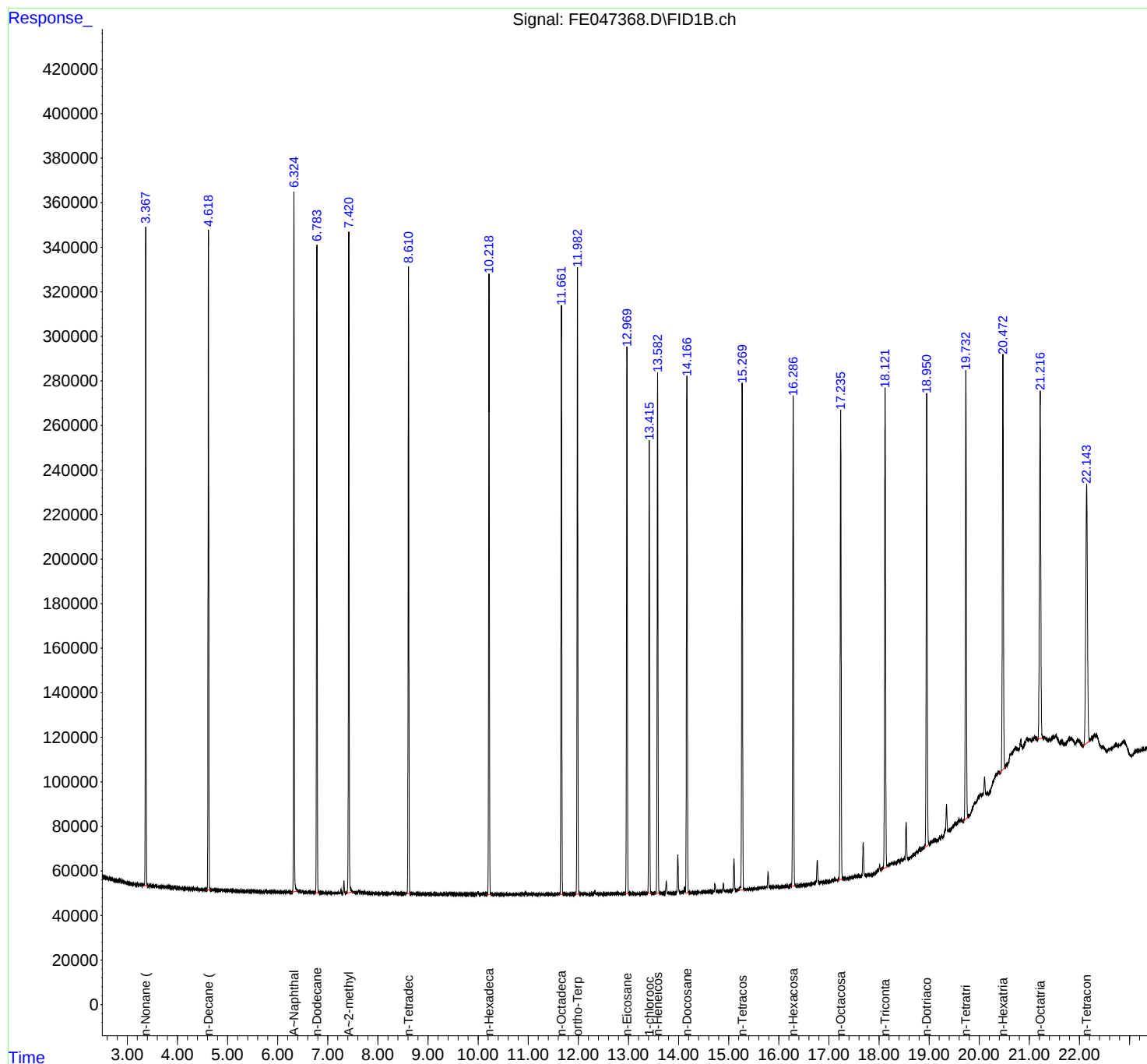
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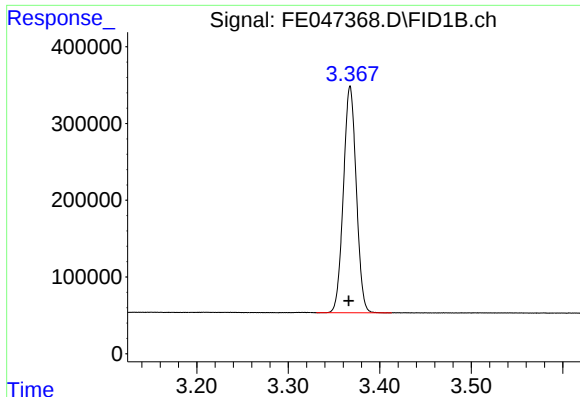
(m)=manual int.

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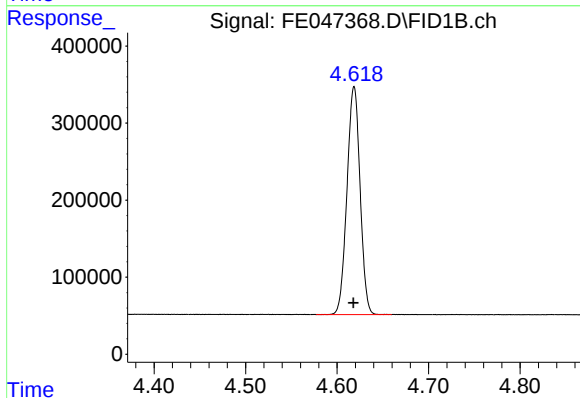
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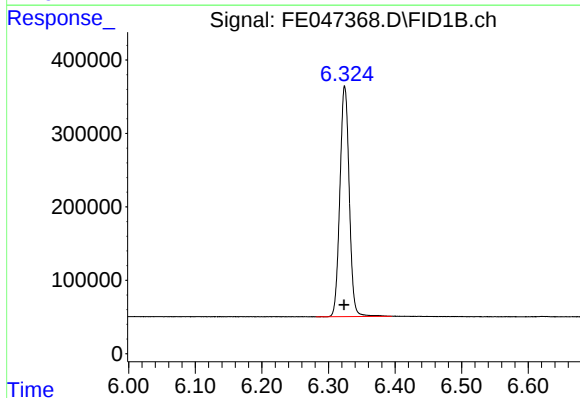
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: 0.002 min
Response: 2884000
Conc: 19.75 ug/ml



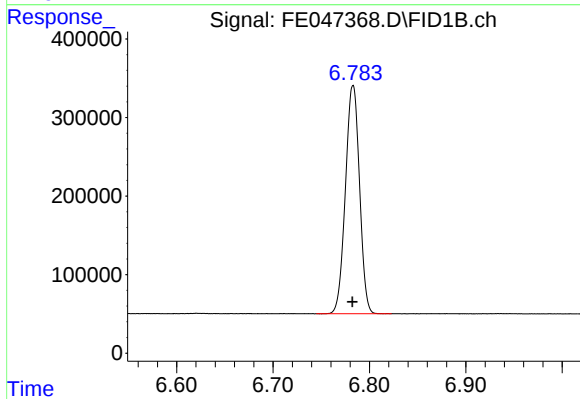
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 2945472
Conc: 19.76 ug/ml



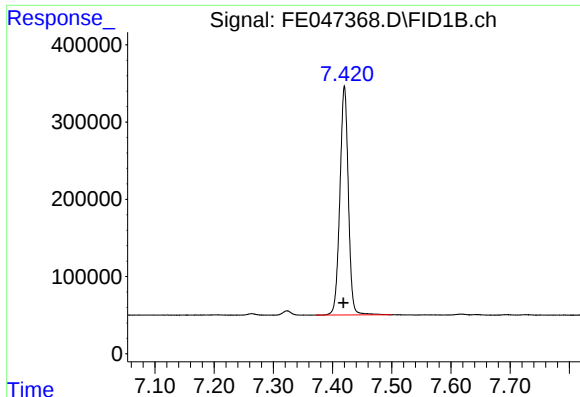
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 3060347
Conc: 19.73 ug/ml



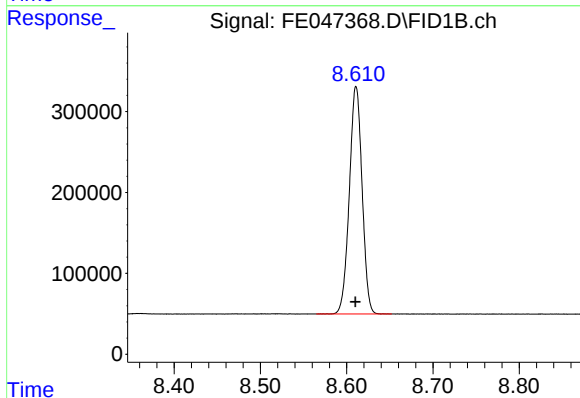
#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 2938123
Conc: 19.65 ug/ml



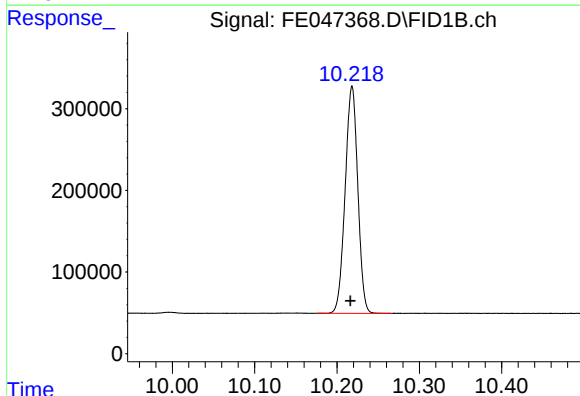
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 2943017
Conc: 19.67 ug/ml



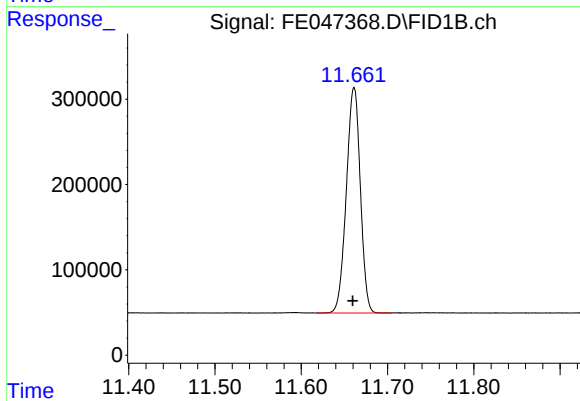
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 2890007
Conc: 19.59 ug/ml



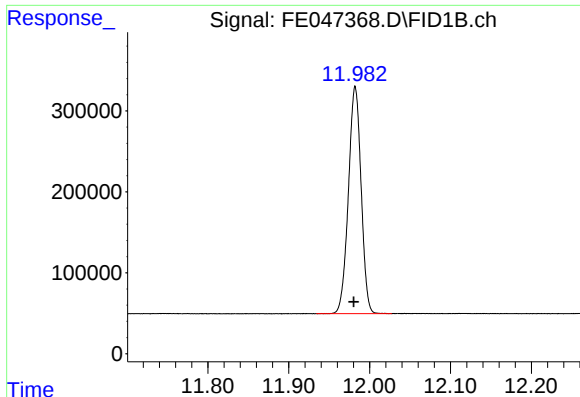
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.002 min
Response: 2967622
Conc: 19.61 ug/ml



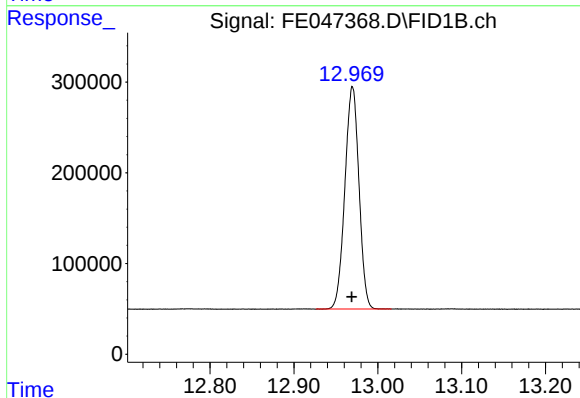
#8 n-Octadecane (C18)

R.T.: 11.661 min
Delta R.T.: 0.002 min
Response: 2980310
Conc: 19.62 ug/ml



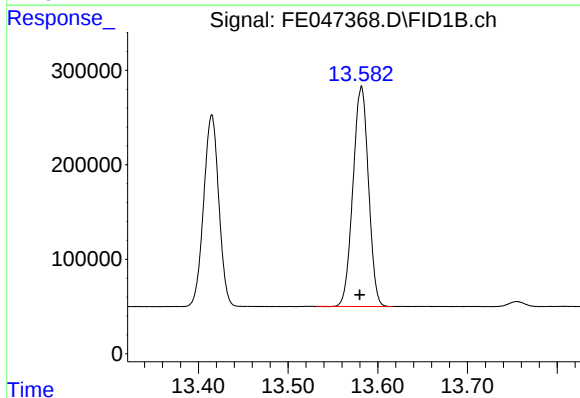
#9 ortho-Terphenyl (SURR)

R.T.: 11.982 min
Delta R.T.: 0.002 min
Response: 3061611
Conc: 19.55 ug/ml



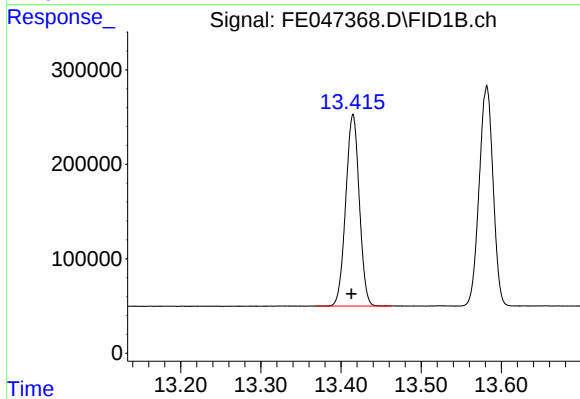
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.001 min
Response: 2863866
Conc: 19.68 ug/ml



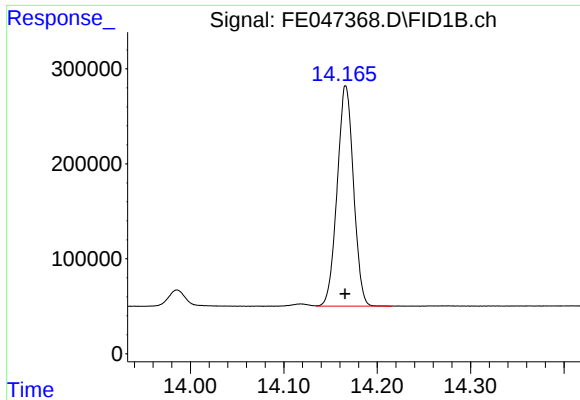
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.002 min
Response: 2802190
Conc: 19.61 ug/ml



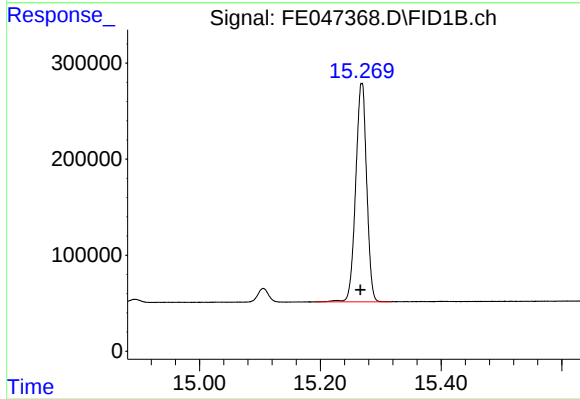
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: 0.002 min
Response: 2381693
Conc: 19.64 ug/ml



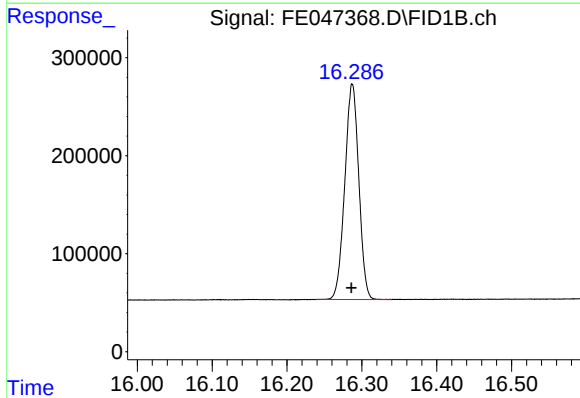
#13 n-Docosane (C22)

R.T.: 14.166 min
Delta R.T.: 0.000 min
Response: 2819837
Conc: 19.86 ug/ml



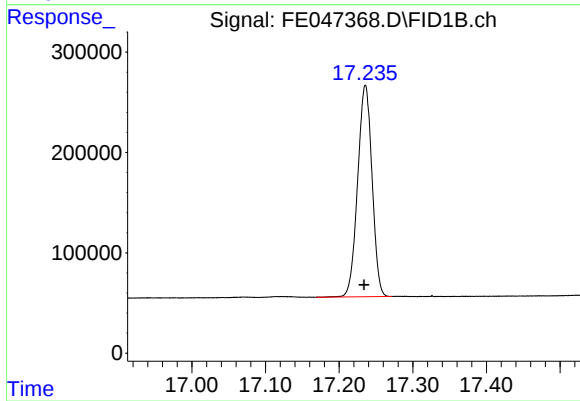
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.003 min
Response: 2872605
Conc: 20.38 ug/ml



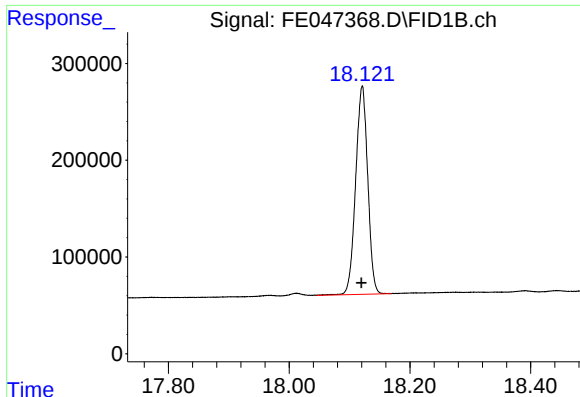
#15 n-Hexacosane (C26)

R.T.: 16.287 min
Delta R.T.: 0.001 min
Response: 2860029
Conc: 20.57 ug/ml



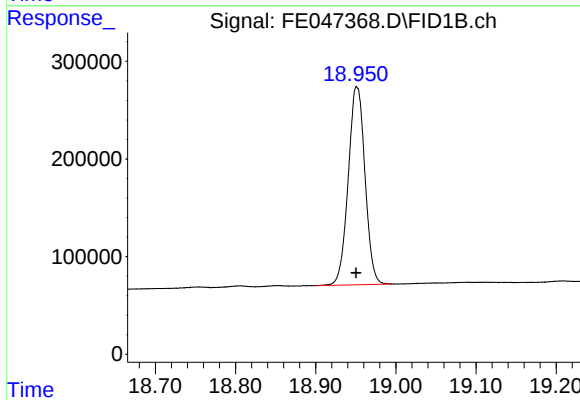
#16 n-Octacosane (C28)

R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 2862536
Conc: 20.95 ug/ml



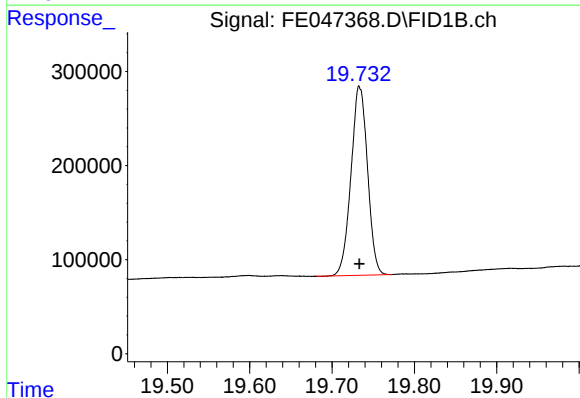
#17 n-Tricontane (C30)

R.T.: 18.121 min
Delta R.T.: 0.001 min
Response: 2988338
Conc: 21.52 ug/ml



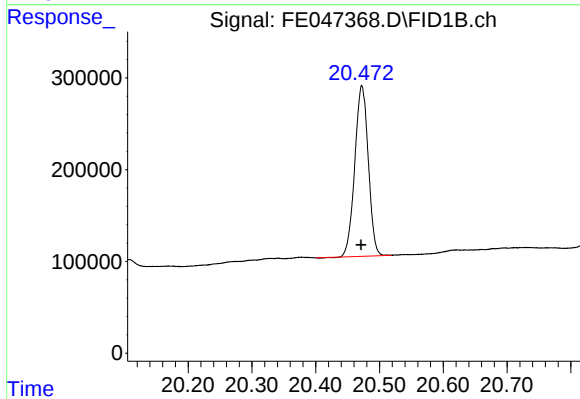
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.000 min
Response: 2947180
Conc: 21.37 ug/ml



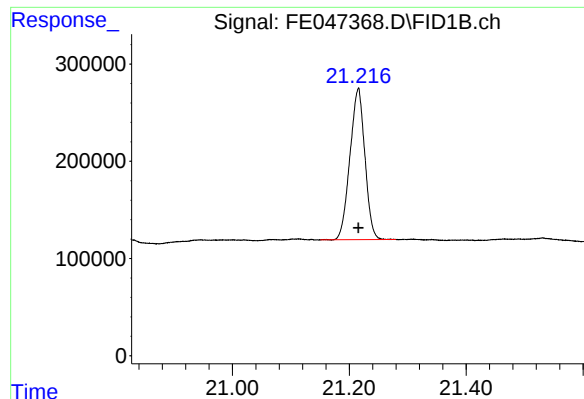
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 2805215
Conc: 20.47 ug/ml



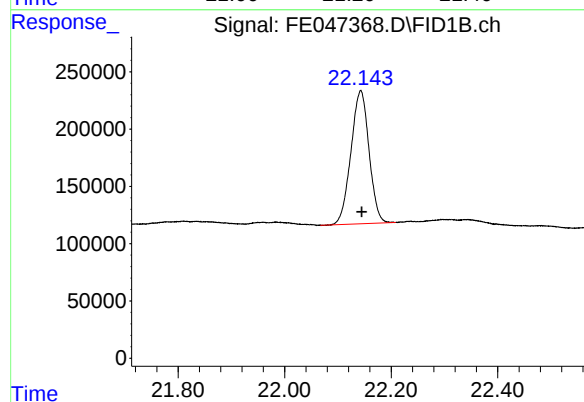
#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: 0.001 min
Response: 2733781
Conc: 20.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.215 min
Delta R.T.: 0.000 min
Response: 2753836
Conc: 19.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.143 min
Delta R.T.: -0.002 min
Response: 2738709
Conc: 19.12 ug/ml