

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040324AL\
 Data File : FE047436.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2024 13:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 04 02:58:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.981	3037037	17.510 ug/ml
Spiked Amount 50.000		Recovery =	35.02%
12) S 1-chlorooctadecane (S...	13.415	2348121	17.459 ug/ml
Spiked Amount 50.000		Recovery =	34.92%
Target Compounds			
1) T n-Nonane (C9)	3.362	2762635	17.658 ug/ml
2) T n-Decane (C10)	4.614	2834457	17.636 ug/ml
3) T A~Naphthalene (C11.7)	6.322	2979729	17.574 ug/ml
4) T n-Dodecane (C12)	6.780	2846697	17.539 ug/ml
5) T A~2-methylnaphthalene...	7.418	2874517	17.504 ug/ml
6) T n-Tetradecane (C14)	8.609	2824037	17.554 ug/ml
7) T n-Hexadecane (C16)	10.216	2917332	17.566 ug/ml
8) T n-Octadecane (C18)	11.660	2954486	17.618 ug/mlm
10) T n-Eicosane (C20)	12.969	2846686	17.572 ug/ml
11) T n-Heneicosane (C21)	13.580	2786555	17.561 ug/ml
13) T n-Docosane (C22)	14.167	2827293	17.618 ug/ml
14) T n-Tetracosane (C24)	15.268	2917346	17.674 ug/ml
15) T n-Hexacosane (C26)	16.288	2971798	17.979 ug/ml
16) T n-Octacosane (C28)	17.238	3045362	18.377 ug/ml
17) T n-Tricontane (C30)	18.122	3202507	18.863 ug/mlm
18) T n-Dotriacontane (C32)	18.955	3182910	19.088 ug/ml
19) T n-Tetratriacontane (C34)	19.736	2946529	18.371 ug/ml
20) T n-Hexatriacontane (C36)	20.474	2836561	17.784 ug/ml
21) T n-Octatriacontane (C38)	21.219	2845046	17.505 ug/ml
22) T n-Tetracontane (C40)	22.145	2840477	17.349 ug/ml

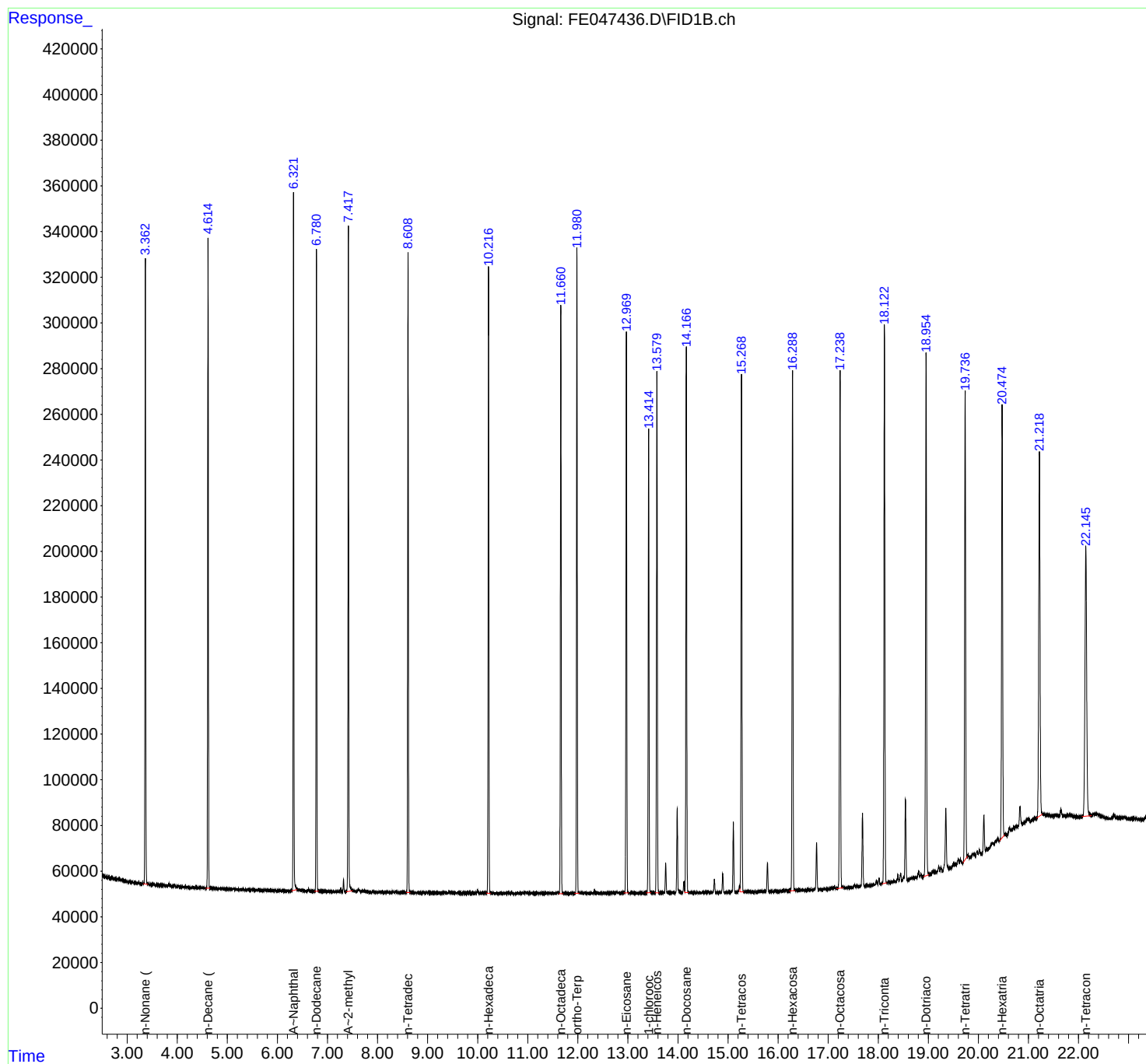
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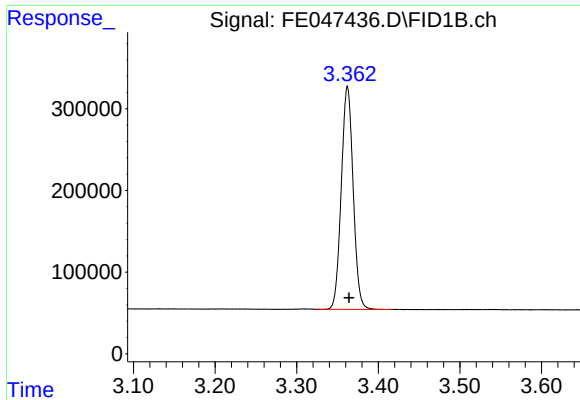
(m)=manual int.

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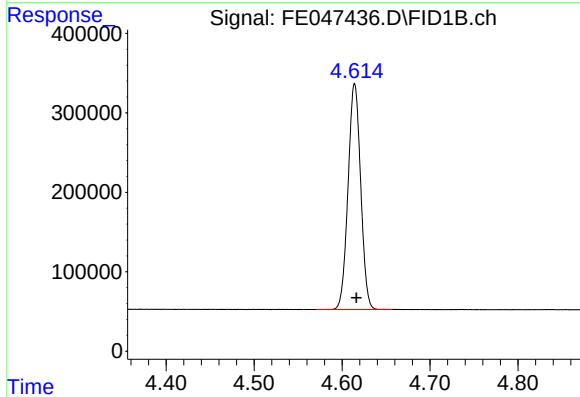
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Signal Info : 20M x 0.18mm x 0.18um





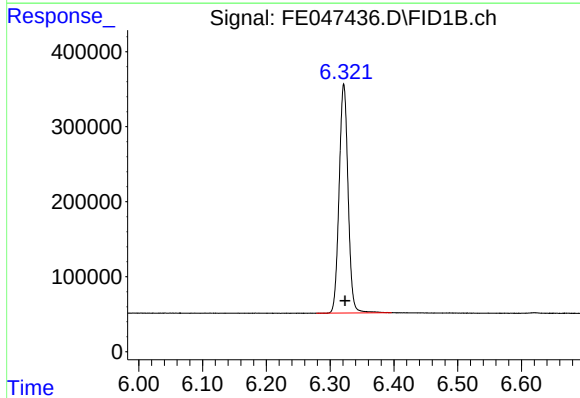
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: -0.002 min
Response: 2762635
Conc: 17.66 ug/ml



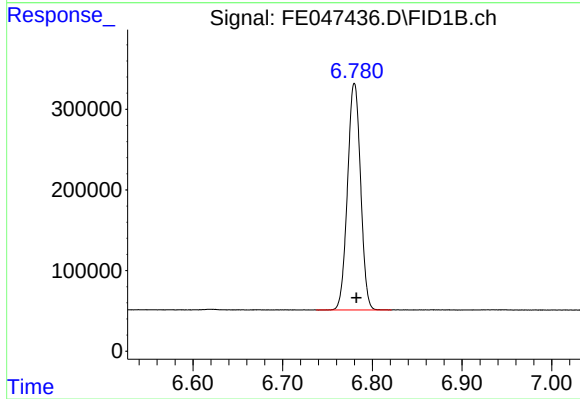
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.002 min
Response: 2834457
Conc: 17.64 ug/ml



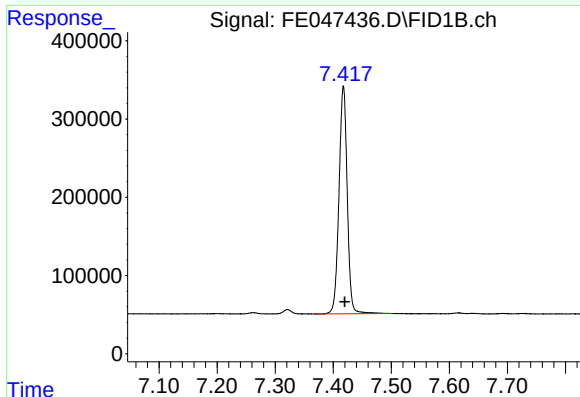
#3 A~Naphthalene (C11.7)

R.T.: 6.322 min
Delta R.T.: -0.002 min
Response: 2979729
Conc: 17.57 ug/ml



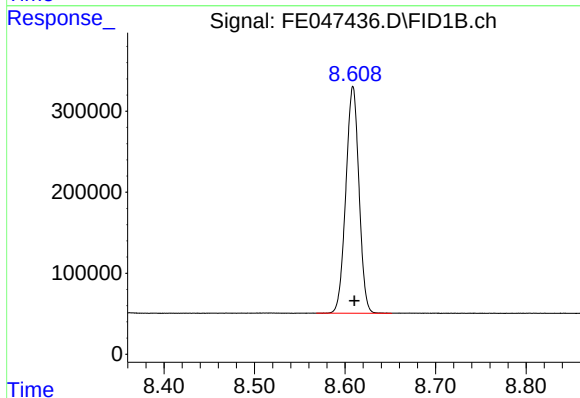
#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.002 min
Response: 2846697
Conc: 17.54 ug/ml



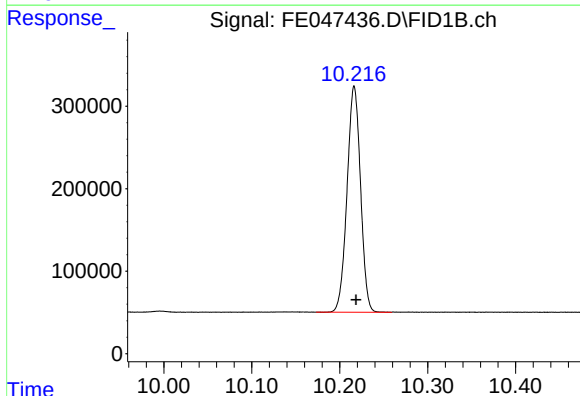
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 2874517
Conc: 17.50 ug/ml



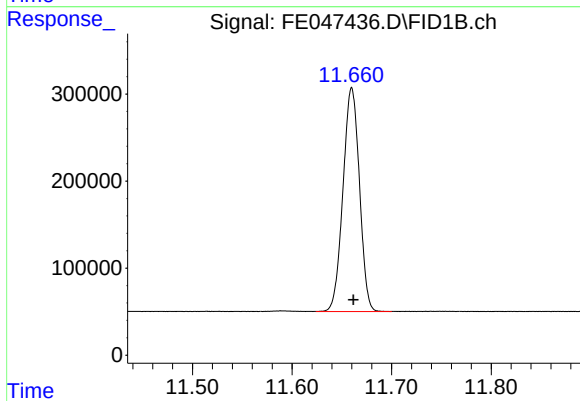
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: -0.002 min
Response: 2824037
Conc: 17.55 ug/ml



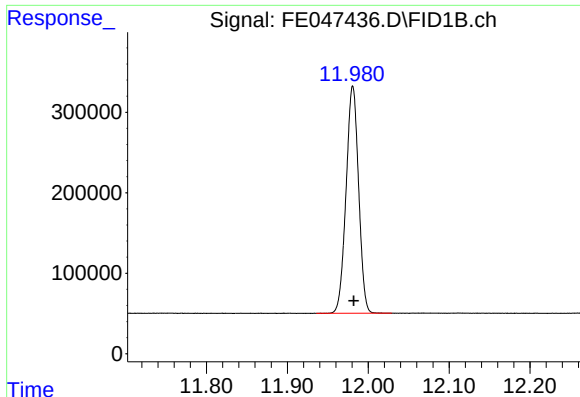
#7 n-Hexadecane (C16)

R.T.: 10.216 min
Delta R.T.: -0.002 min
Response: 2917332
Conc: 17.57 ug/ml



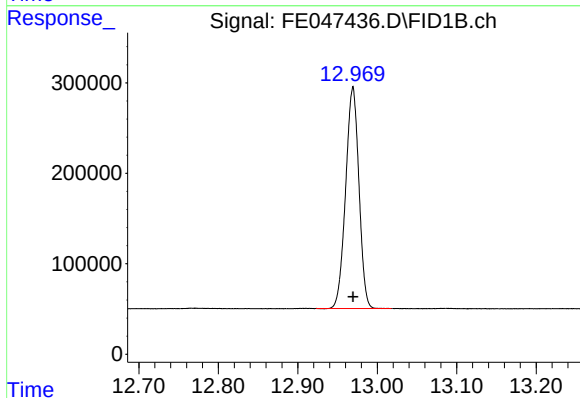
#8 n-Octadecane (C18)

R.T.: 11.660 min
Delta R.T.: -0.002 min
Response: 2954486
Conc: 17.62 ug/ml m



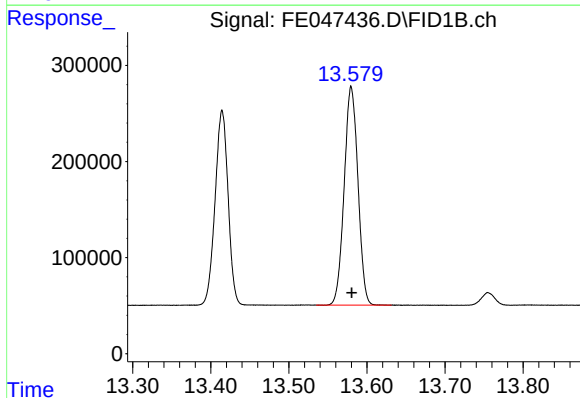
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: -0.001 min
Response: 3037037
Conc: 17.51 ug/ml



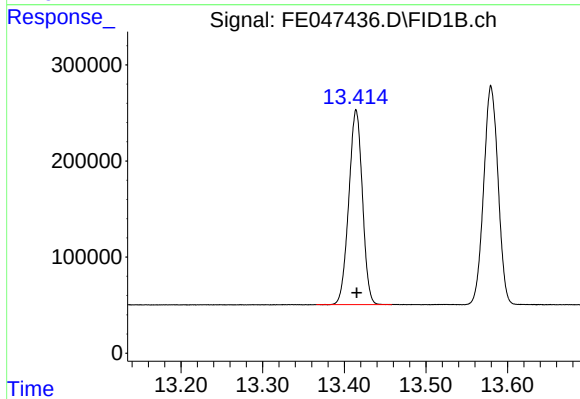
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2846686
Conc: 17.57 ug/ml



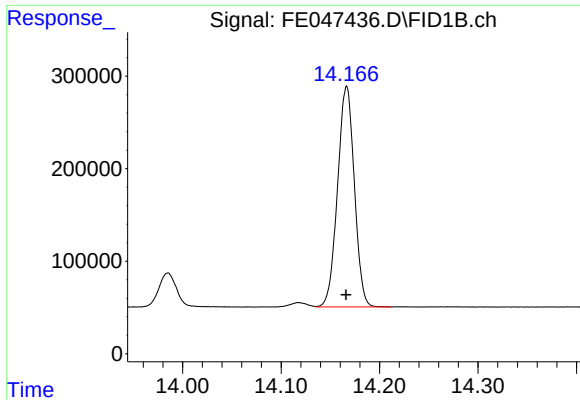
#11 n-Heneicosane (C21)

R.T.: 13.580 min
Delta R.T.: 0.000 min
Response: 2786555
Conc: 17.56 ug/ml



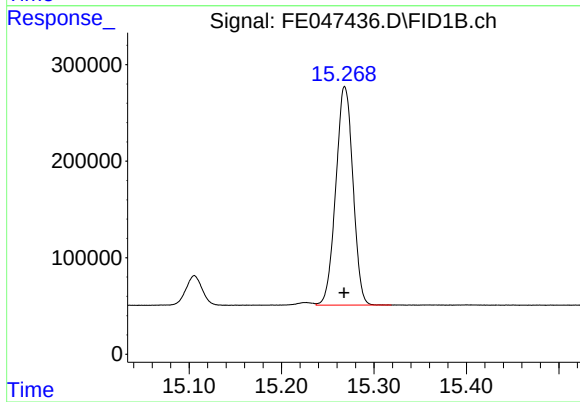
#12 1-chlorooctadecane (SURR)

R.T.: 13.415 min
Delta R.T.: 0.000 min
Response: 2348121
Conc: 17.46 ug/ml



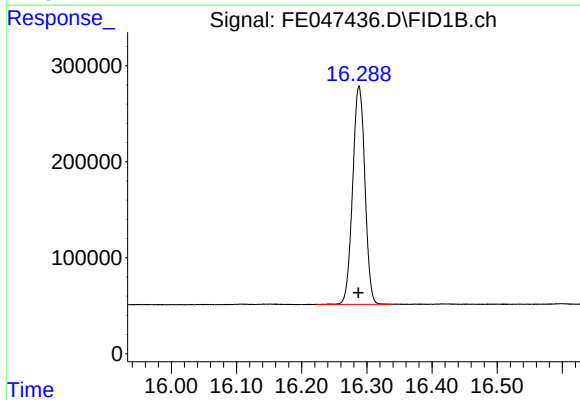
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.000 min
Response: 2827293
Conc: 17.62 ug/ml



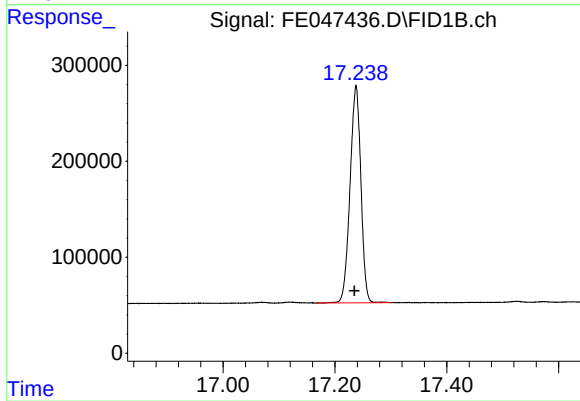
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.000 min
Response: 2917346
Conc: 17.67 ug/ml



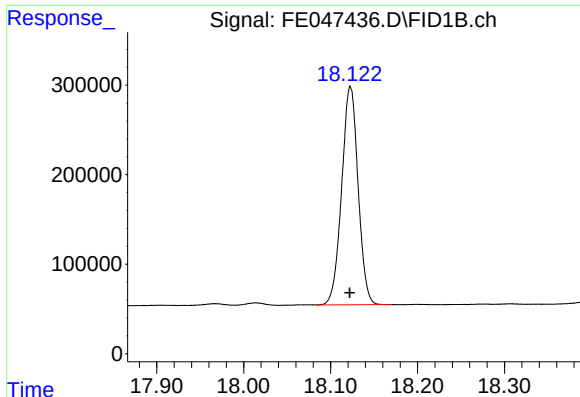
#15 n-Hexacosane (C26)

R.T.: 16.288 min
Delta R.T.: 0.000 min
Response: 2971798
Conc: 17.98 ug/ml



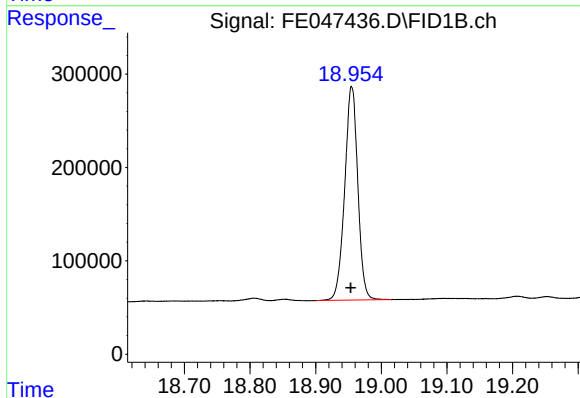
#16 n-Octacosane (C28)

R.T.: 17.238 min
Delta R.T.: 0.003 min
Response: 3045362
Conc: 18.38 ug/ml



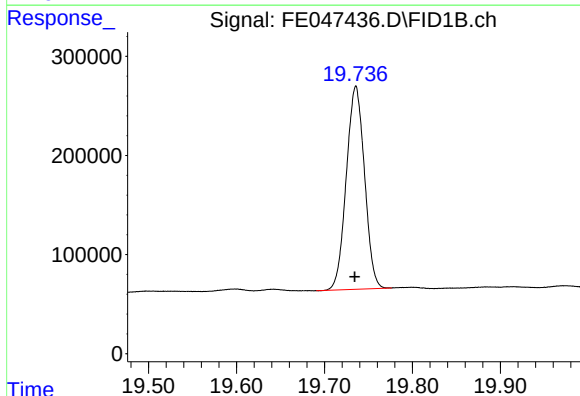
#17 n-Tricontane (C30)

R.T.: 18.122 min
Delta R.T.: 0.000 min
Response: 3202507
Conc: 18.86 ug/ml m



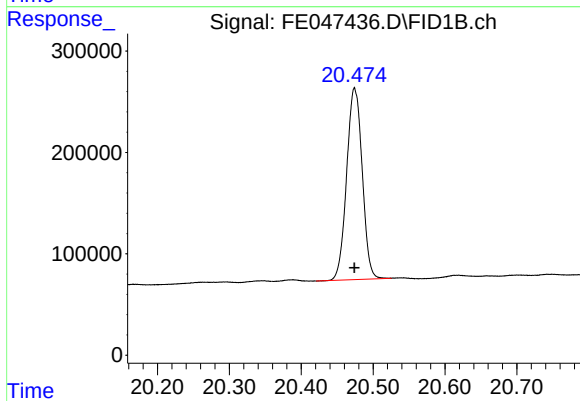
#18 n-Dotriacontane (C32)

R.T.: 18.955 min
Delta R.T.: 0.002 min
Response: 3182910
Conc: 19.09 ug/ml



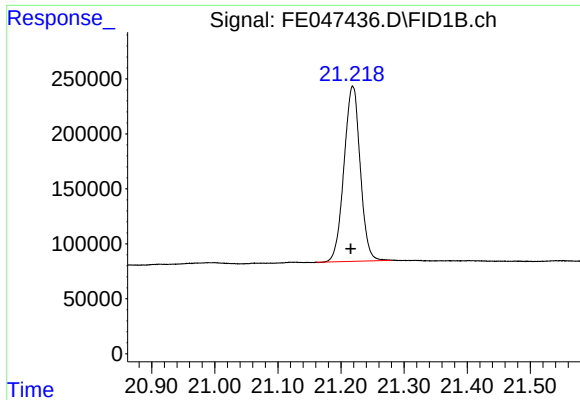
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: 0.001 min
Response: 2946529
Conc: 18.37 ug/ml



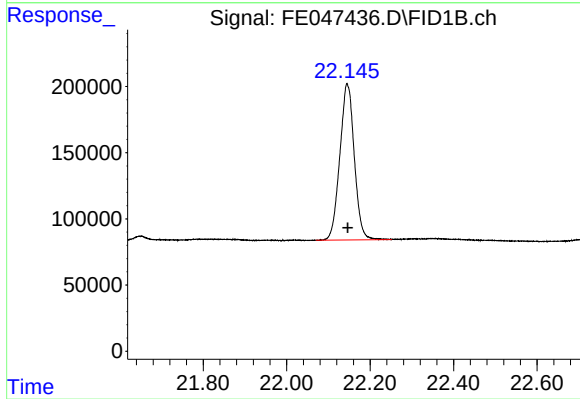
#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.000 min
Response: 2836561
Conc: 17.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: 0.003 min
Response: 2845046
Conc: 17.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.145 min
Delta R.T.: -0.001 min
Response: 2840477
Conc: 17.35 ug/ml