

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032924AL\
 Data File : FE047392.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2024 07:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Mar 29 12:34:45 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)	11.985	3183831	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	13.418	2474342	20.402 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
Target Compounds			
1) T n-Nonane (C9)	3.367	3024522	20.711 ug/ml
2) T n-Decane (C10)	4.618	3092639	20.747 ug/ml
3) T A~Naphthalene (C11.7)	6.326	3194024	20.588 ug/ml
4) T n-Dodecane (C12)	6.784	3077289	20.577 ug/ml
5) T A~2-methylnaphthalene...	7.422	3067433	20.497 ug/ml
6) T n-Tetradecane (C14)	8.613	3017639	20.460 ug/ml
7) T n-Hexadecane (C16)	10.220	3088586	20.406 ug/ml
8) T n-Octadecane (C18)	11.663	3097443	20.387 ug/ml
10) T n-Eicosane (C20)	12.973	2979589	20.479 ug/ml
11) T n-Heneicosane (C21)	13.584	2919256	20.425 ug/ml
13) T n-Docosane (C22)	14.170	2946712	20.758 ug/ml
14) T n-Tetracosane (C24)	15.272	3018690	21.413 ug/ml
15) T n-Hexacosane (C26)	16.292	3049597	21.931 ug/ml
16) T n-Octacosane (C28)	17.239	3085682	22.582 ug/ml
17) T n-Tricontane (C30)	18.125	3242674	23.355 ug/ml
18) T n-Dotriacontane (C32)	18.957	3207612	23.254 ug/ml
19) T n-Tetratriacontane (C34)	19.738	3055427	22.294 ug/ml
20) T n-Hexatriacontane (C36)	20.478	3079662	22.550 ug/ml
21) T n-Octatriacontane (C38)	21.221	3157026	22.775 ug/ml
22) T n-Tetracontane (C40)	22.155	3013990	21.039 ug/ml

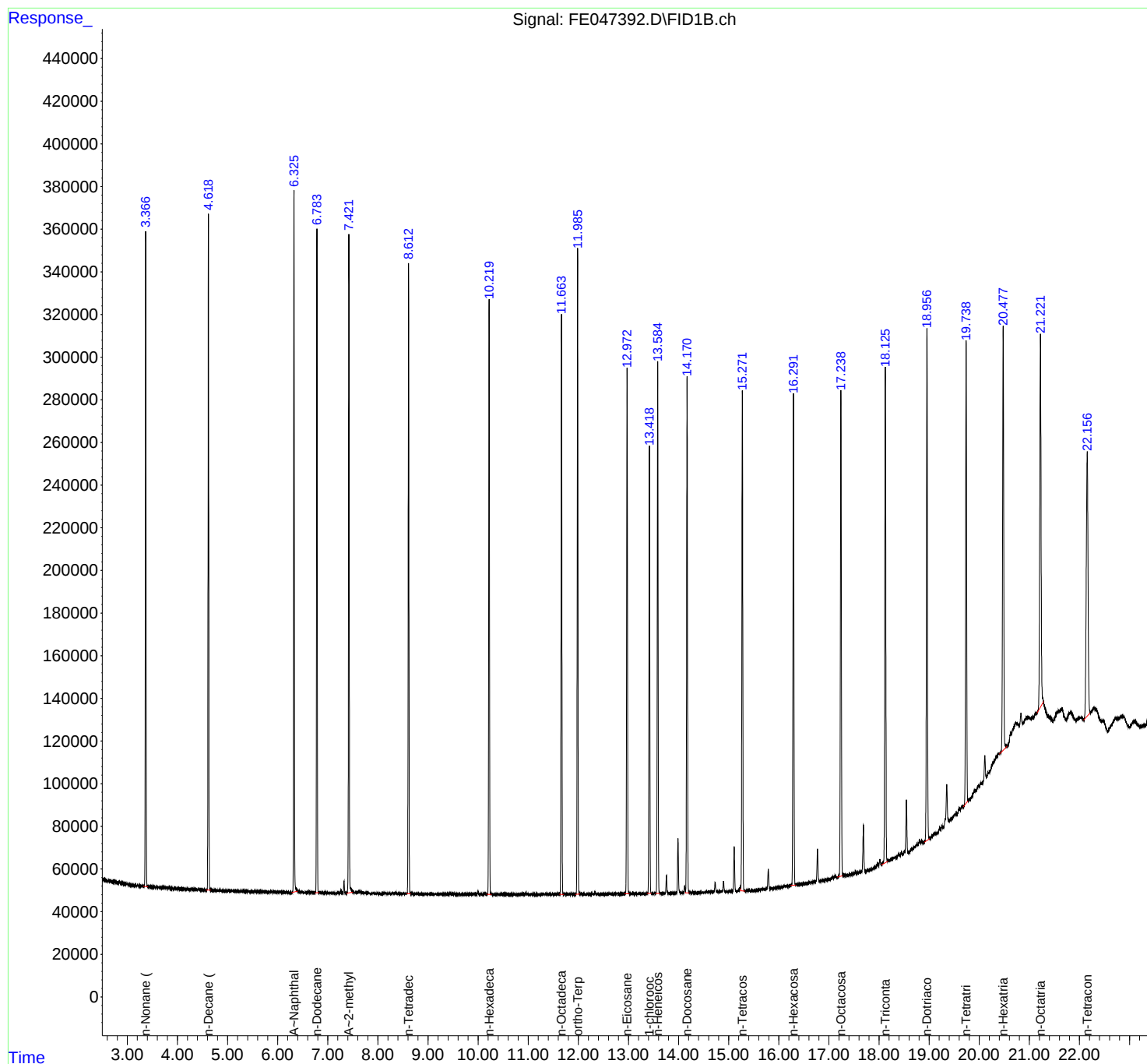
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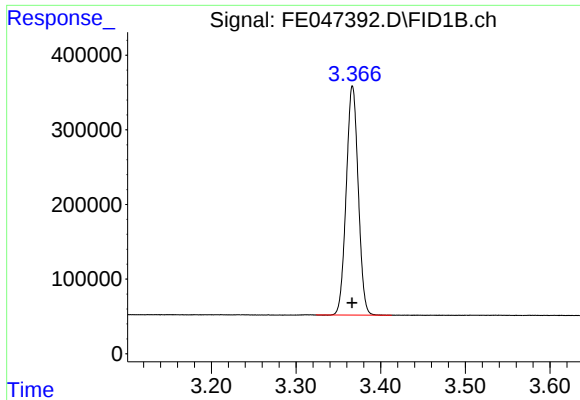
(m)=manual int.

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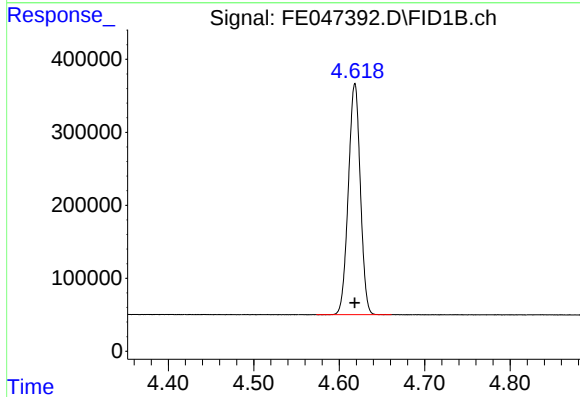
Volume Inj. : 1 u1
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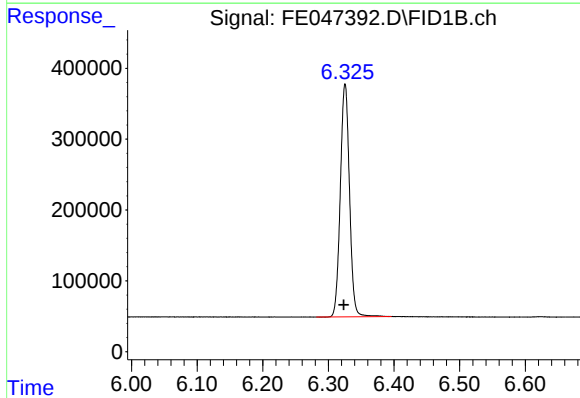
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 3024522
Conc: 20.71 ug/ml



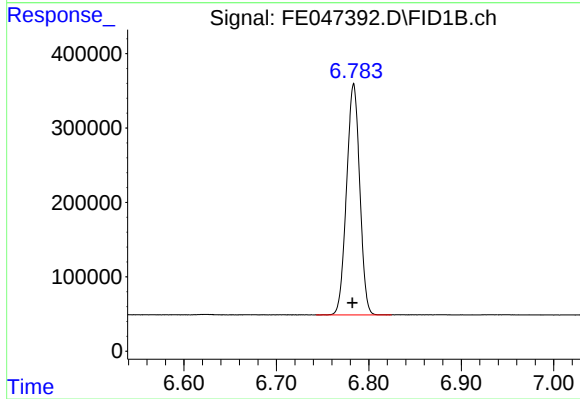
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 3092639
Conc: 20.75 ug/ml



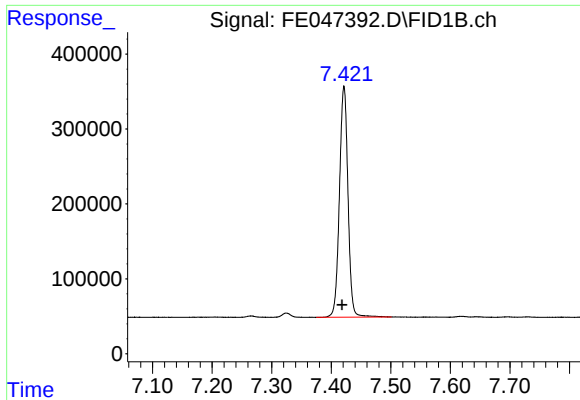
#3 A~Naphthalene (C11.7)

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 3194024
Conc: 20.59 ug/ml



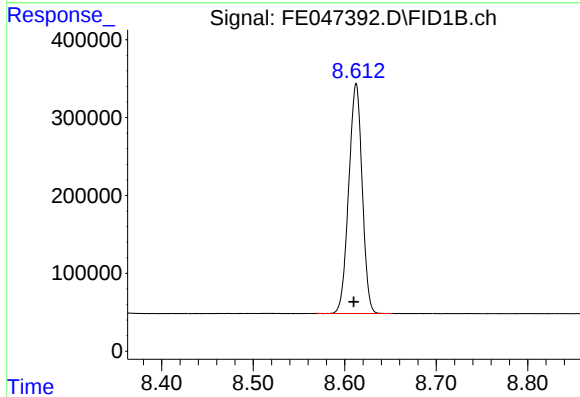
#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 3077289
Conc: 20.58 ug/ml



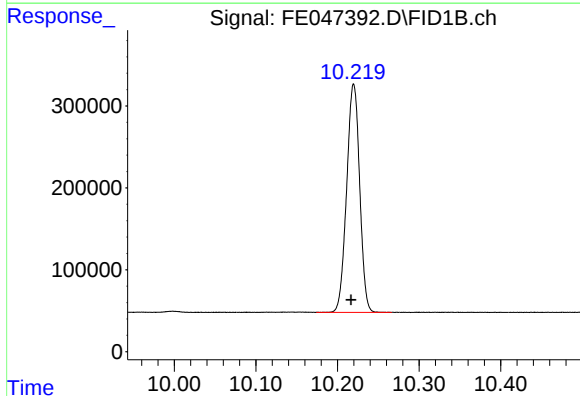
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.422 min
Delta R.T.: 0.003 min
Response: 3067433
Conc: 20.50 ug/ml



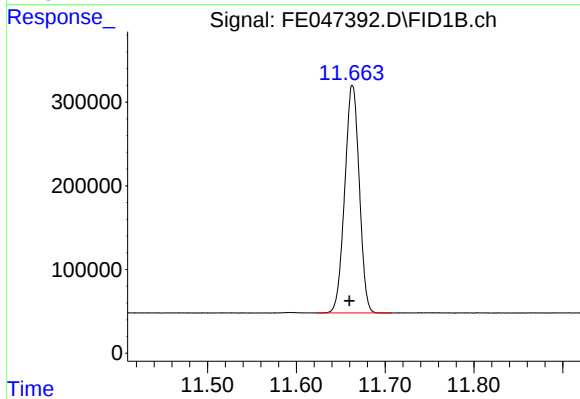
#6 n-Tetradecane (C14)

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 3017639
Conc: 20.46 ug/ml



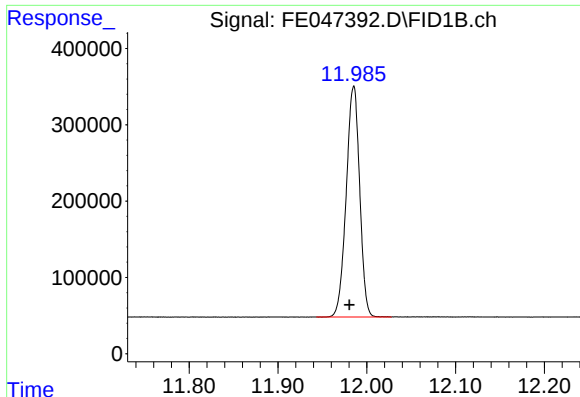
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.003 min
Response: 3088586
Conc: 20.41 ug/ml



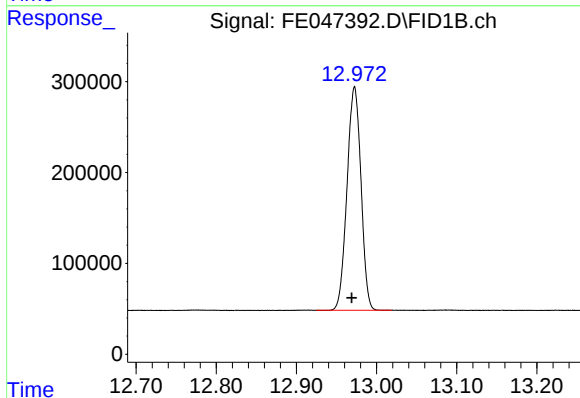
#8 n-Octadecane (C18)

R.T.: 11.663 min
Delta R.T.: 0.004 min
Response: 3097443
Conc: 20.39 ug/ml



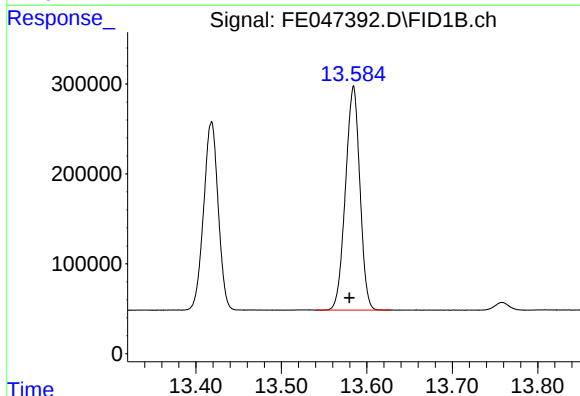
#9 ortho-Terphenyl (SURR)

R.T.: 11.985 min
Delta R.T.: 0.005 min
Response: 3183831
Conc: 20.33 ug/ml



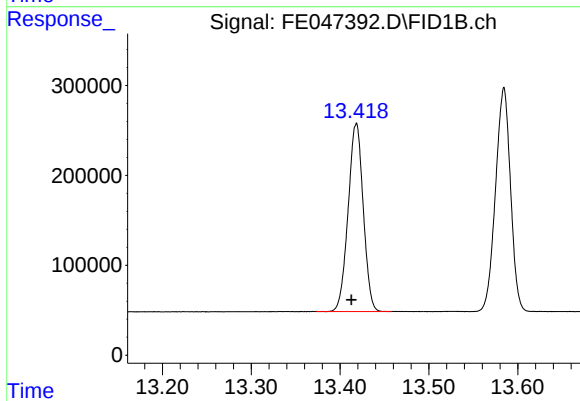
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.004 min
Response: 2979589
Conc: 20.48 ug/ml



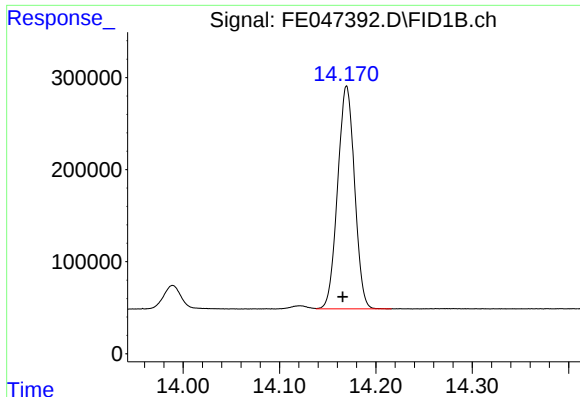
#11 n-Heneicosane (C21)

R.T.: 13.584 min
Delta R.T.: 0.005 min
Response: 2919256
Conc: 20.43 ug/ml



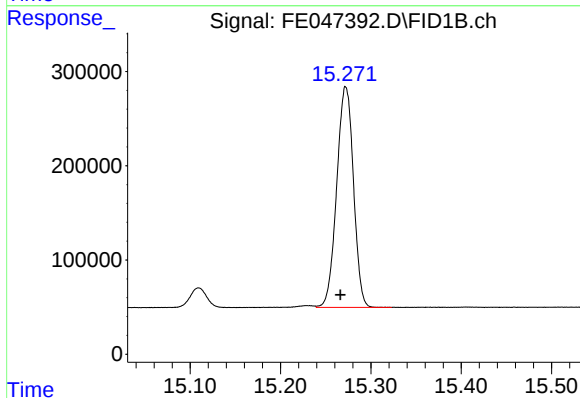
#12 1-chlorooctadecane (SURR)

R.T.: 13.418 min
Delta R.T.: 0.005 min
Response: 2474342
Conc: 20.40 ug/ml



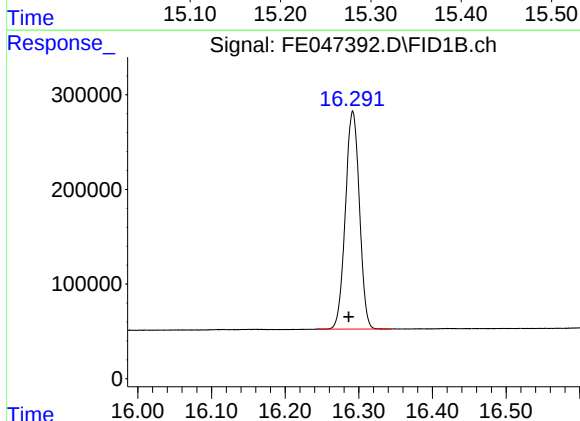
#13 n-Docosane (C22)

R.T.: 14.170 min
Delta R.T.: 0.004 min
Response: 2946712
Conc: 20.76 ug/ml



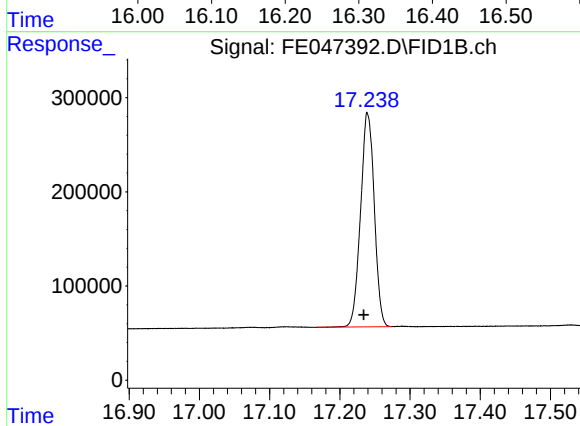
#14 n-Tetracosane (C24)

R.T.: 15.272 min
Delta R.T.: 0.006 min
Response: 3018690
Conc: 21.41 ug/ml



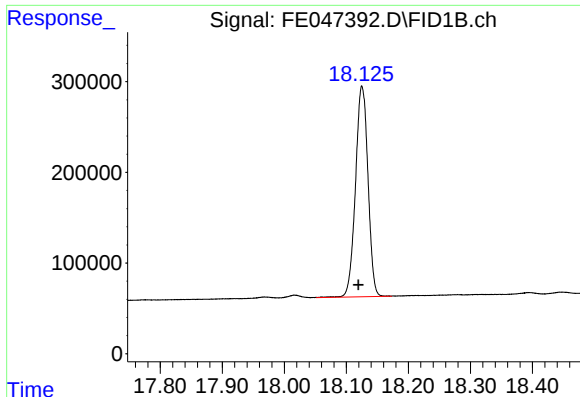
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.006 min
Response: 3049597
Conc: 21.93 ug/ml



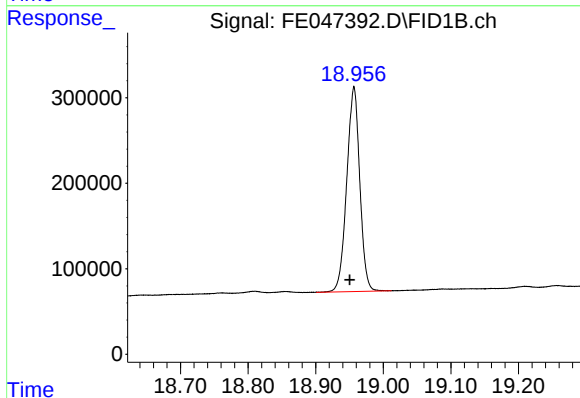
#16 n-Octacosane (C28)

R.T.: 17.239 min
Delta R.T.: 0.006 min
Response: 3085682
Conc: 22.58 ug/ml



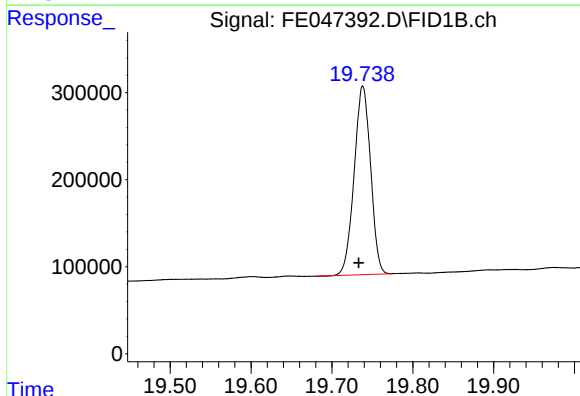
#17 n-Tricontane (C30)

R.T.: 18.125 min
Delta R.T.: 0.005 min
Response: 3242674
Conc: 23.35 ug/ml



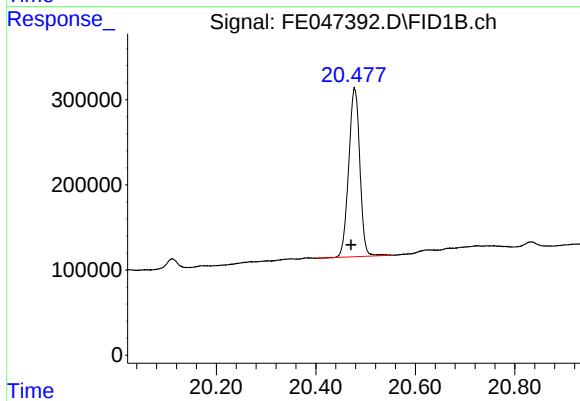
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.006 min
Response: 3207612
Conc: 23.25 ug/ml



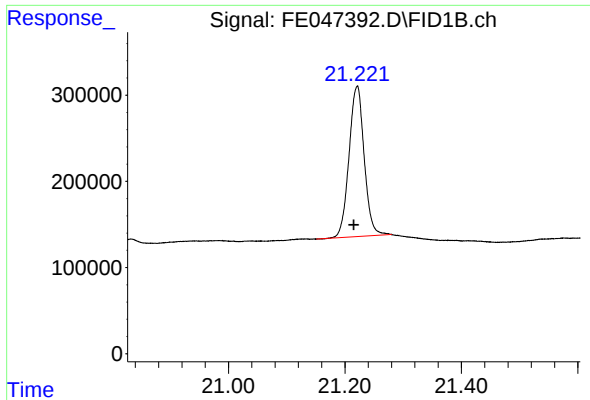
#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.005 min
Response: 3055427
Conc: 22.29 ug/ml



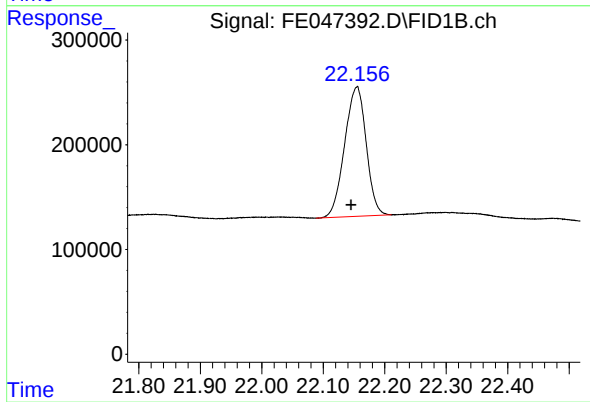
#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.007 min
Response: 3079662
Conc: 22.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.006 min
Response: 3157026
Conc: 22.78 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: 0.010 min
Response: 3013990
Conc: 21.04 ug/ml