

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012524AL\
 Data File : FE046391.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jan 2024 16:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 25 16:45:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.820	3546074	19.177 ug/ml
Spiked Amount 50.000		Recovery =	38.35%
12) S 1-chlorooctadecane (S...	13.261	2723831	19.145 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.211	3101544	19.201 ug/ml
2) T n-Decane (C10)	4.460	3135987	19.135 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3289342	19.236 ug/ml
4) T n-Dodecane (C12)	6.627	3179176	19.220 ug/ml
5) T A~2-methylnaphthalene...	7.260	3161198	19.821 ug/ml
6) T n-Tetradecane (C14)	8.453	3120430	19.039 ug/ml
7) T n-Hexadecane (C16)	10.062	3263847	19.100 ug/ml
8) T n-Octadecane (C18)	11.505	3338944	19.152 ug/ml
10) T n-Eicosane (C20)	12.815	3242050	19.095 ug/ml
11) T n-Heneicosane (C21)	13.428	3196562	19.165 ug/ml
13) T n-Docosane (C22)	14.015	3175275	19.167 ug/ml
14) T n-Tetracosane (C24)	15.120	3180068	19.273 ug/ml
15) T n-Hexacosane (C26)	16.142	3105852	19.243 ug/ml
16) T n-Octacosane (C28)	17.093	3018168	19.226 ug/ml
17) T n-Tricontane (C30)	17.983	3042166	19.422 ug/ml
18) T n-Dotriacontane (C32)	18.816	2934137	19.411 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2690526	18.969 ug/ml
20) T n-Hexatriacontane (C36)	20.342	2461297	17.856 ug/ml
21) T n-Octatriacontane (C38)	21.071	2240338	17.476 ug/ml
22) T n-Tetracontane (C40)	21.959	2196321	17.565 ug/ml

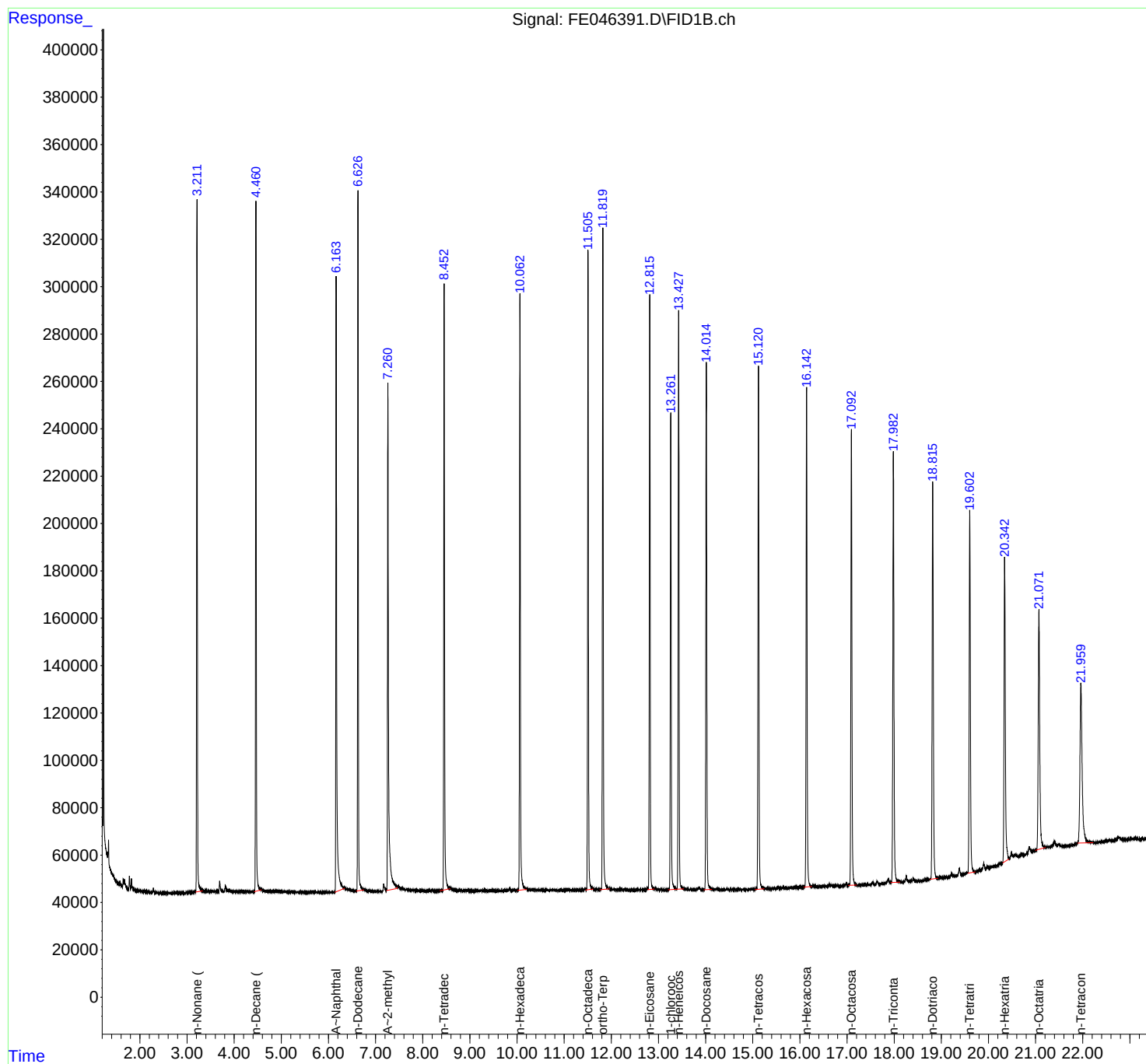
(f)=RT Delta > 1/2 Window

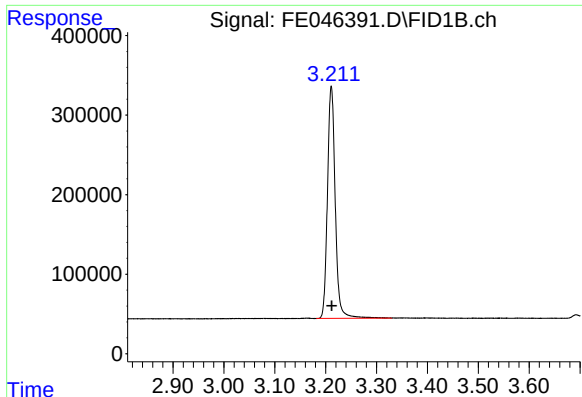
(m)=manual int.

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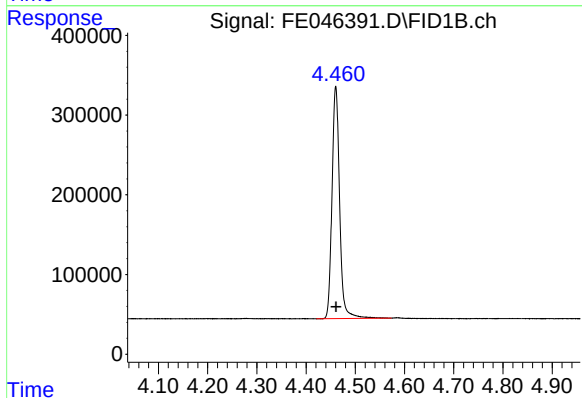
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Signal Info : 20M x 0.18mm x 0.18um





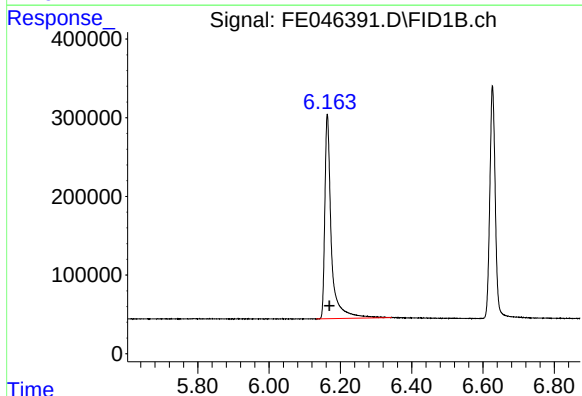
#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.000 min
Response: 3101544
Conc: 19.20 ug/ml



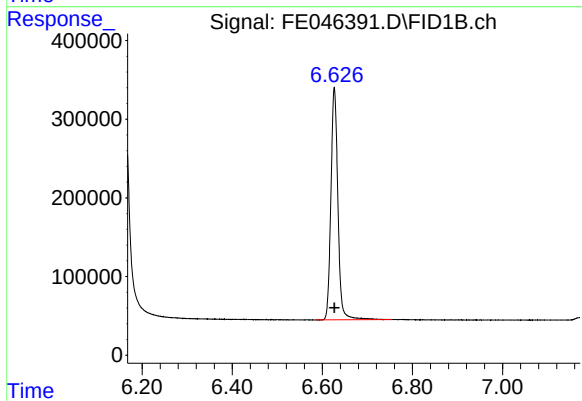
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 3135987
Conc: 19.14 ug/ml



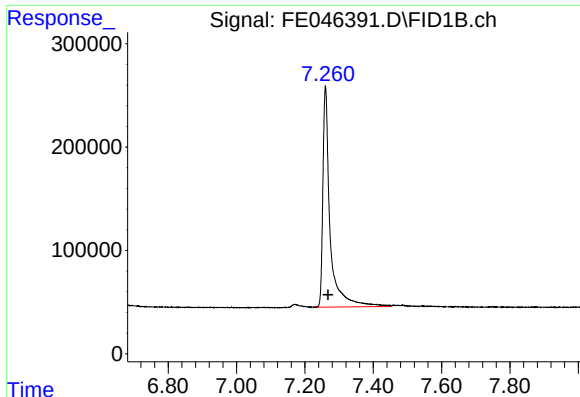
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 3289342
Conc: 19.24 ug/ml



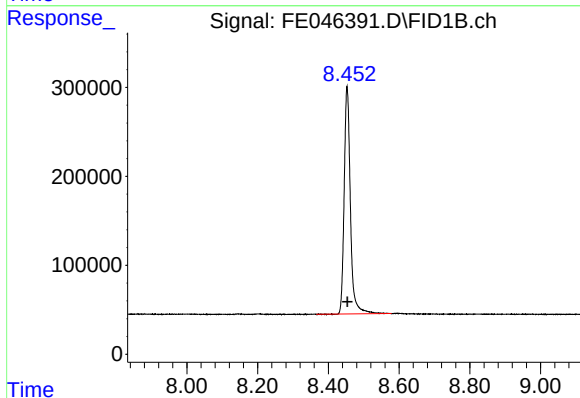
#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 3179176
Conc: 19.22 ug/ml



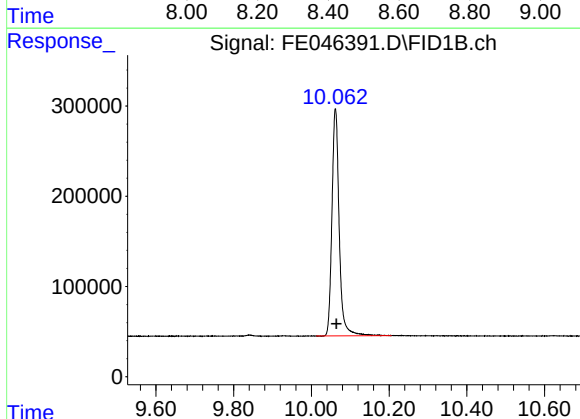
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.260 min
Delta R.T.: -0.007 min
Response: 3161198
Conc: 19.82 ug/ml



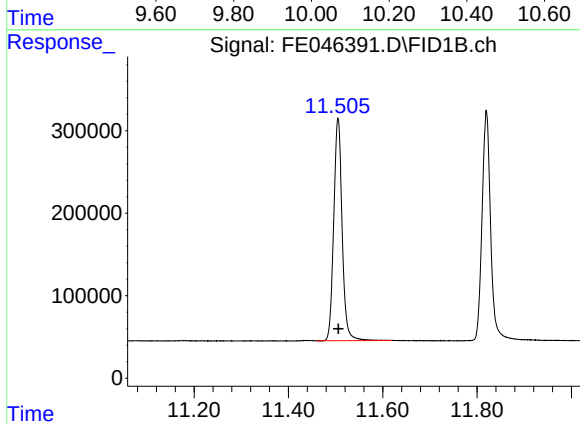
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.001 min
Response: 3120430
Conc: 19.04 ug/ml



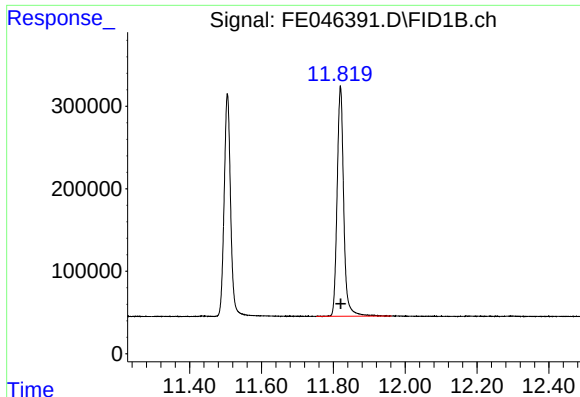
#7 n-Hexadecane (C16)

R.T.: 10.062 min
Delta R.T.: -0.002 min
Response: 3263847
Conc: 19.10 ug/ml



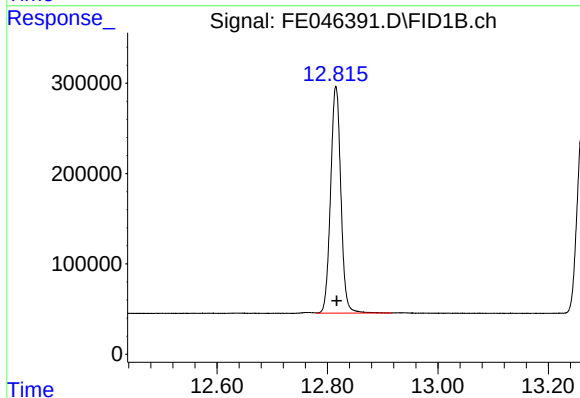
#8 n-Octadecane (C18)

R.T.: 11.505 min
Delta R.T.: -0.001 min
Response: 3338944
Conc: 19.15 ug/ml



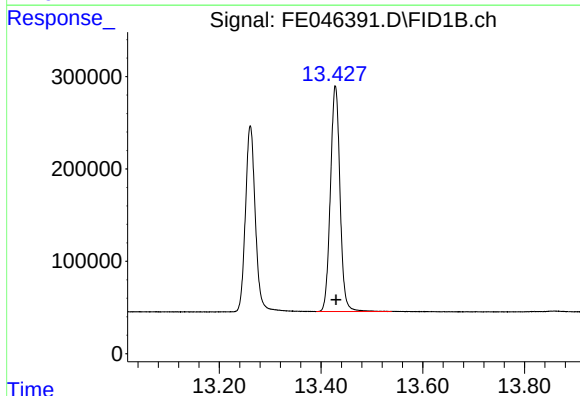
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3546074
Conc: 19.18 ug/ml



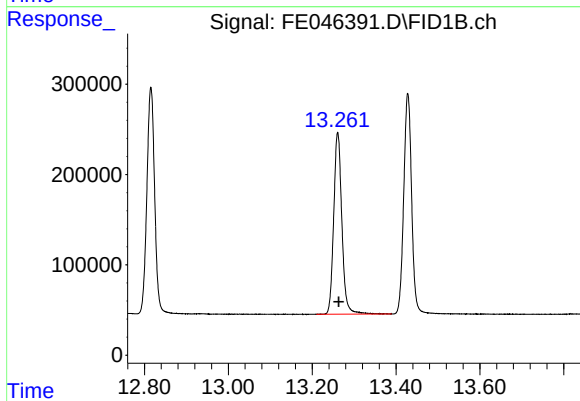
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 3242050
Conc: 19.09 ug/ml



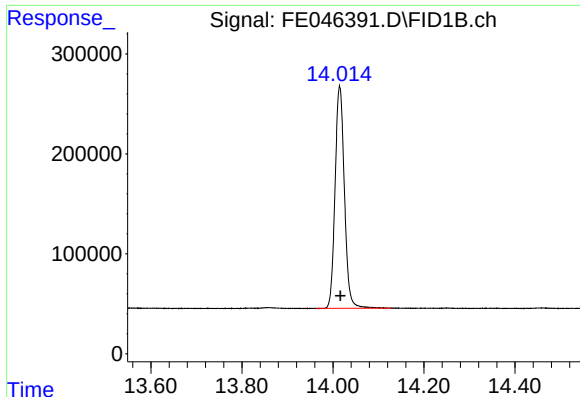
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 3196562
Conc: 19.17 ug/ml



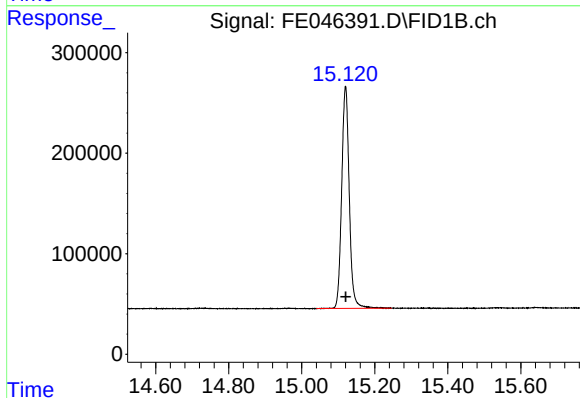
#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.003 min
Response: 2723831
Conc: 19.14 ug/ml



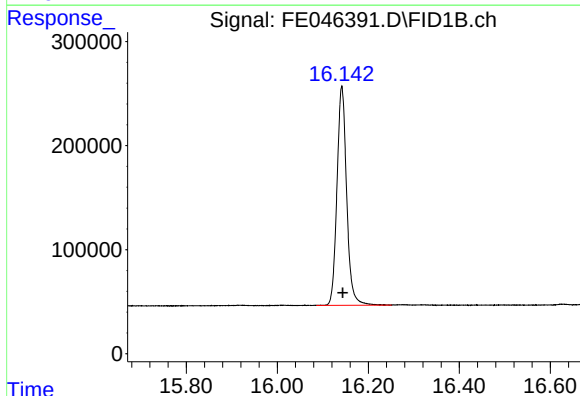
#13 n-Docosane (C22)

R.T.: 14.015 min
Delta R.T.: -0.001 min
Response: 3175275
Conc: 19.17 ug/ml



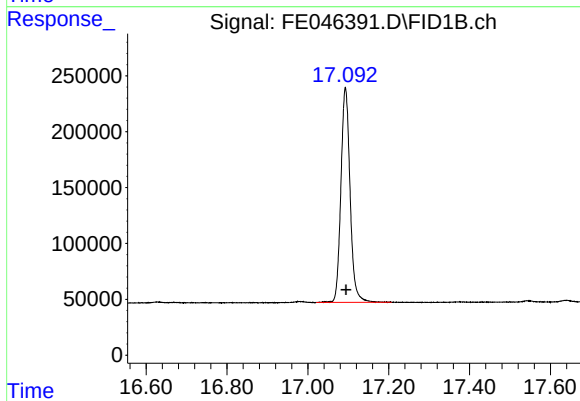
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.001 min
Response: 3180068
Conc: 19.27 ug/ml



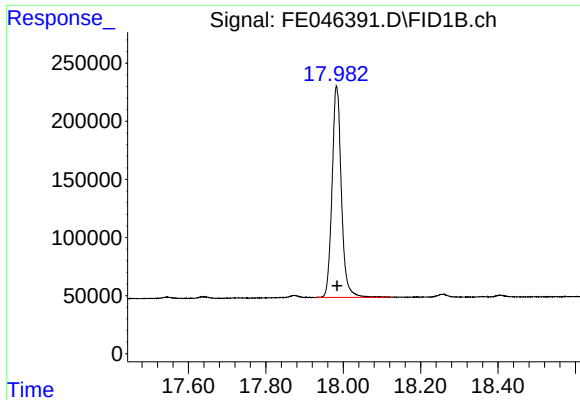
#15 n-Hexacosane (C26)

R.T.: 16.142 min
Delta R.T.: -0.002 min
Response: 3105852
Conc: 19.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.093 min
Delta R.T.: -0.002 min
Response: 3018168
Conc: 19.23 ug/ml



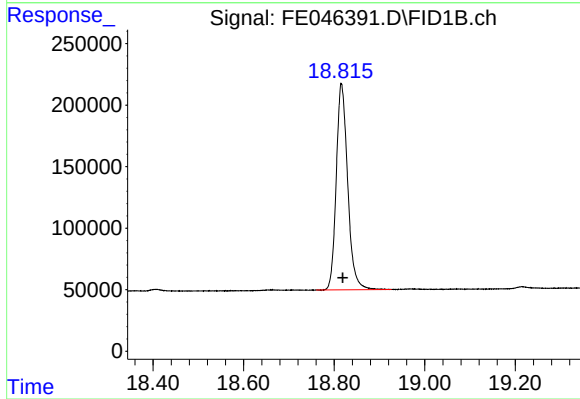
#17 n-Tricontane (C30)

R.T.: 17.983 min

Delta R.T.: -0.001 min

Response: 3042166

Conc: 19.42 ug/ml



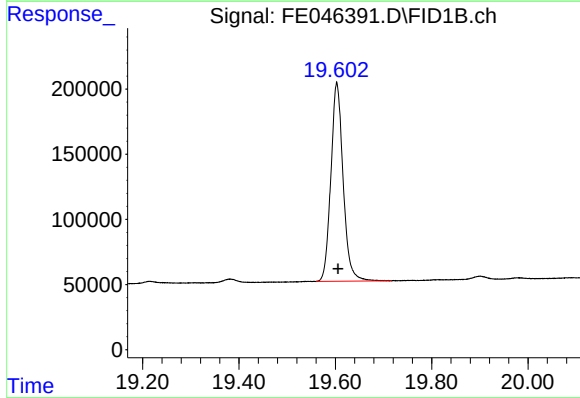
#18 n-Dotriacontane (C32)

R.T.: 18.816 min

Delta R.T.: -0.003 min

Response: 2934137

Conc: 19.41 ug/ml



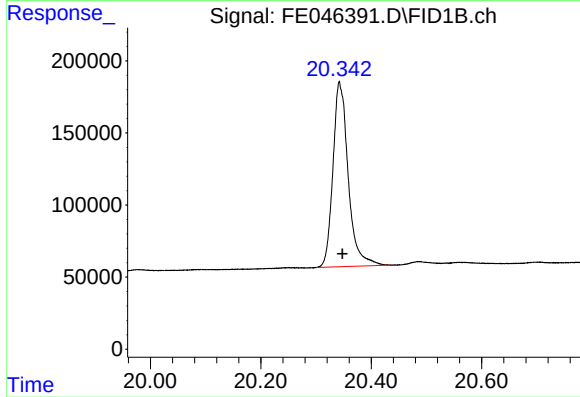
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min

Delta R.T.: -0.003 min

Response: 2690526

Conc: 18.97 ug/ml



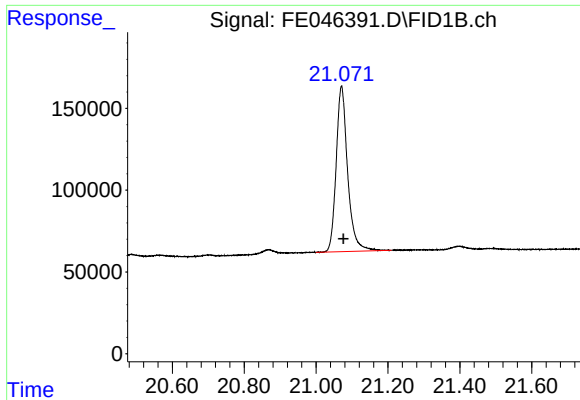
#20 n-Hexatriacontane (C36)

R.T.: 20.342 min

Delta R.T.: -0.005 min

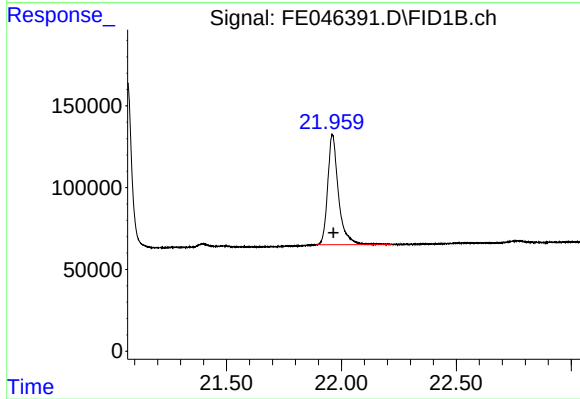
Response: 2461297

Conc: 17.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.006 min
Response: 2240338
Conc: 17.48 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.959 min
Delta R.T.: -0.005 min
Response: 2196321
Conc: 17.57 ug/ml