

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011524AL\
 Data File : FE046223.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jan 2024 14:31
 Operator : YP\AJ
 Sample : PB158435BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158435BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/16/2024
 Supervised By :Sohil Jodhani 01/16/2024

Integration File: sample.E
 Quant Time: Jan 16 02:34:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.830	7582936	41.727 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
12) S 1-chlorooctadecane (S...	13.273	6046411	45.254 ug/ml
Spiked Amount 50.000		Recovery =	90.51%
Target Compounds			
1) T n-Nonane (C9)	3.230	6050709	39.535 ug/ml
2) T n-Decane (C10)	4.474	6462418	41.640 ug/ml
3) T A~Naphthalene (C11.7)	6.171	7626661	45.859 ug/ml
4) T n-Dodecane (C12)	6.635	6993513	44.791 ug/ml
5) T A~2-methylnaphthalene...	7.266	7488395	47.034 ug/ml
6) T n-Tetradecane (C14)	8.462	7079778	45.449 ug/ml
7) T n-Hexadecane (C16)	10.070	7113549	44.921 ug/ml
8) T n-Octadecane (C18)	11.515	7176295	45.595 ug/ml
10) T n-Eicosane (C20)	12.828	7143718	47.222 ug/ml
11) T n-Heneicosane (C21)	13.440	6831171	46.454 ug/ml
13) T n-Docosane (C22)	14.028	6730256	46.044 ug/ml
14) T n-Tetracosane (C24)	15.131	14938361	103.000 ug/ml
15) T n-Hexacosane (C26)	16.157	6339198	44.216 ug/ml
16) T n-Octacosane (C28)	17.107	7799427	54.382 ug/mlm
17) T n-Tricontane (C30)	18.000	6204437	41.742 ug/ml
18) T n-Dotriacontane (C32)	18.834	7002517	46.820 ug/mlm
19) T n-Tetratriacontane (C34)	19.621	6160572	43.004 ug/ml
20) T n-Hexatriacontane (C36)	20.363	6040156	41.427 ug/ml
21) T n-Octatriacontane (C38)	21.095	6710114	45.505 ug/ml
22) T n-Tetracontane (C40)	21.990	7195315	45.969 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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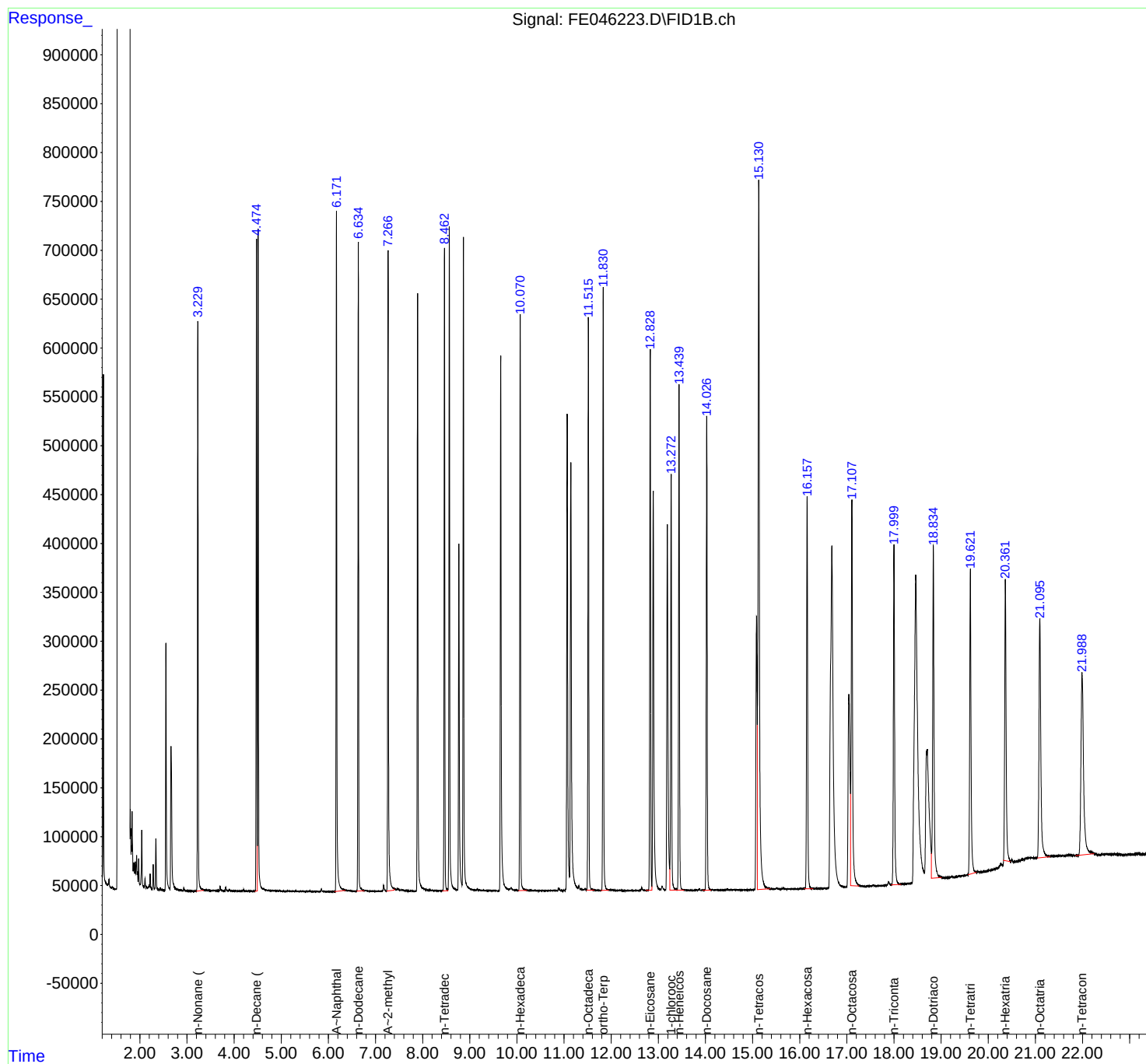
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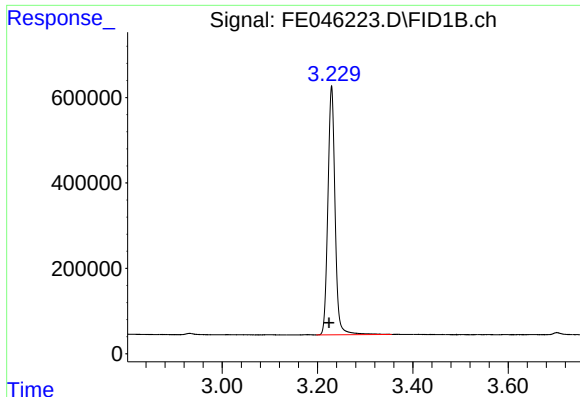
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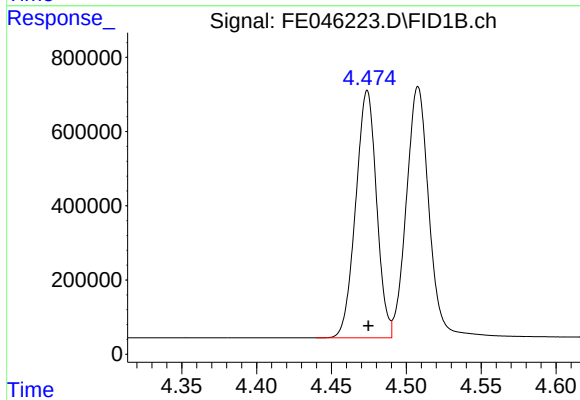
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: 0.006 min
Response: 6050709
Conc: 39.54 ug/ml

Instrument :
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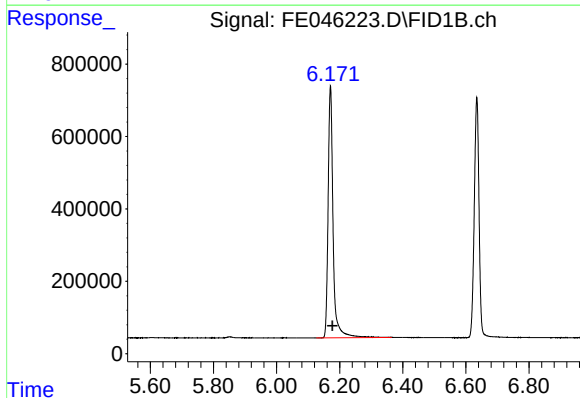
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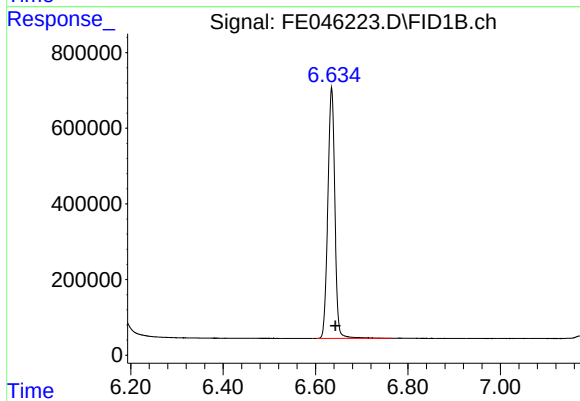
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 6462418
Conc: 41.64 ug/ml



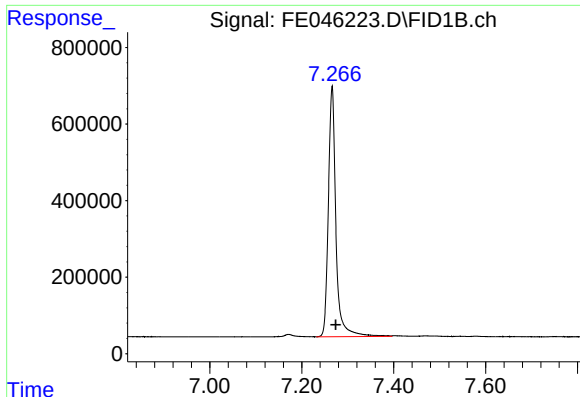
#3 A~Naphthalene (C11.7)

R.T.: 6.171 min
Delta R.T.: -0.006 min
Response: 7626661
Conc: 45.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: -0.008 min
Response: 6993513
Conc: 44.79 ug/ml



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

R.T.: 7.266 min
Delta R.T.: -0.008 min
Response: 7488395
Conc: 47.03 ug/ml

Instrument :

FID_E

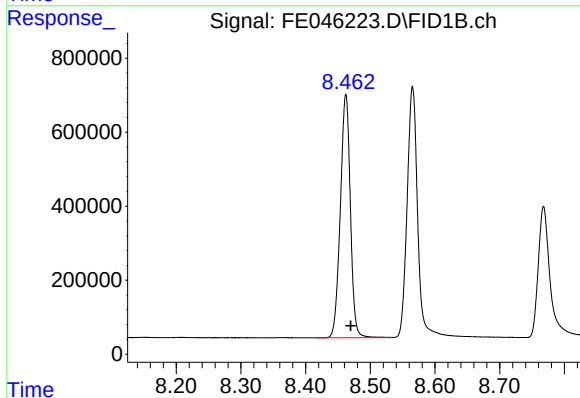
ClientSampleId :

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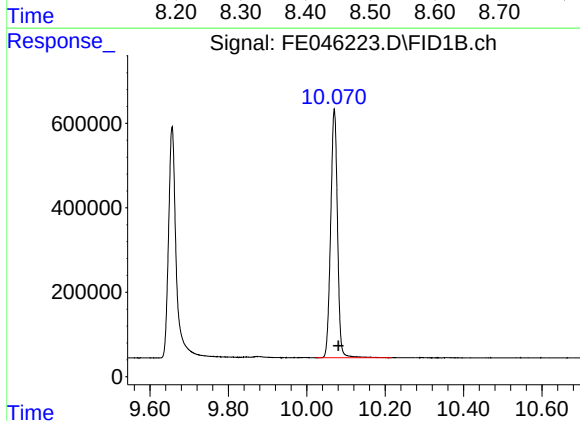
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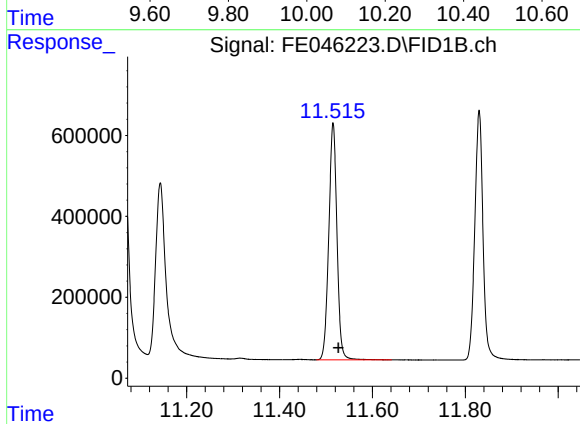
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.008 min
Response: 7079778
Conc: 45.45 ug/ml



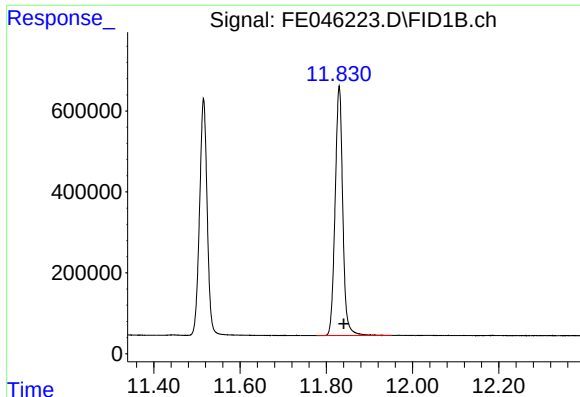
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: -0.010 min
Response: 7113549
Conc: 44.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.011 min
Response: 7176295
Conc: 45.59 ug/ml



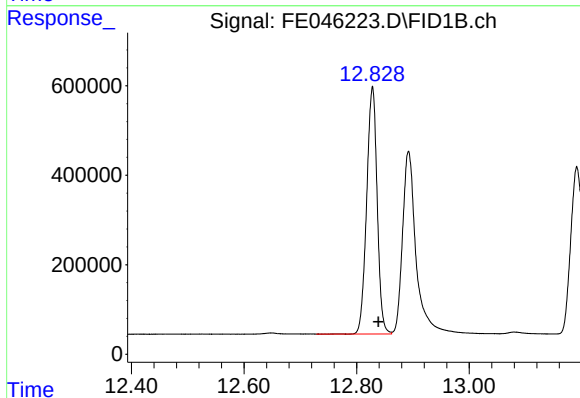
#9 ortho-Terphenyl (SURR)

R.T.: 11.830 min
Delta R.T.: -0.010 min
Response: 7582936
Conc: 41.73 ug/ml

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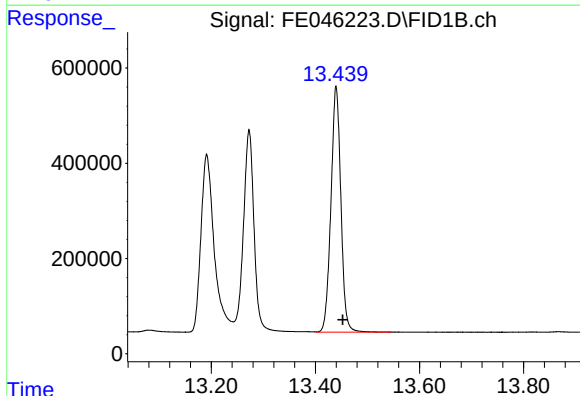
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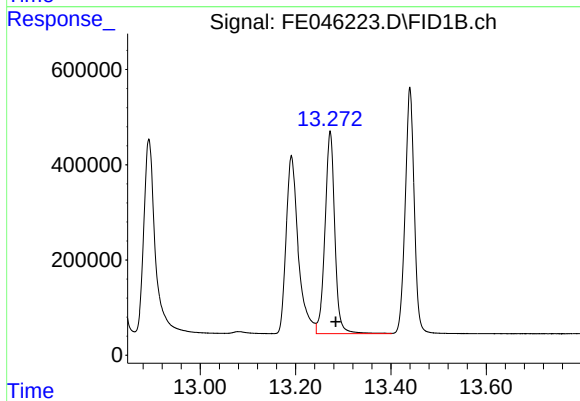
#10 n-Eicosane (C20)

R.T.: 12.828 min
Delta R.T.: -0.011 min
Response: 7143718
Conc: 47.22 ug/ml



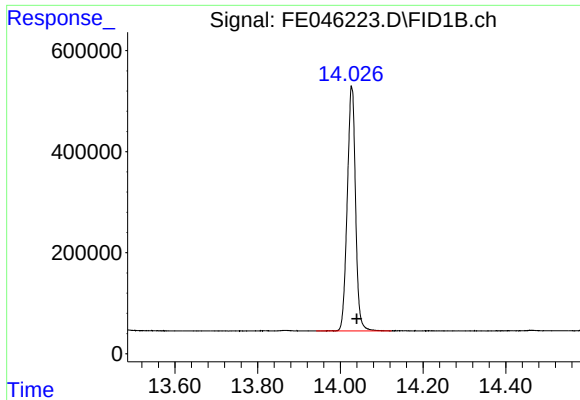
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.013 min
Response: 6831171
Conc: 46.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.012 min
Response: 6046411
Conc: 45.25 ug/ml



#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.012 min
Response: 6730256
Conc: 46.04 ug/ml

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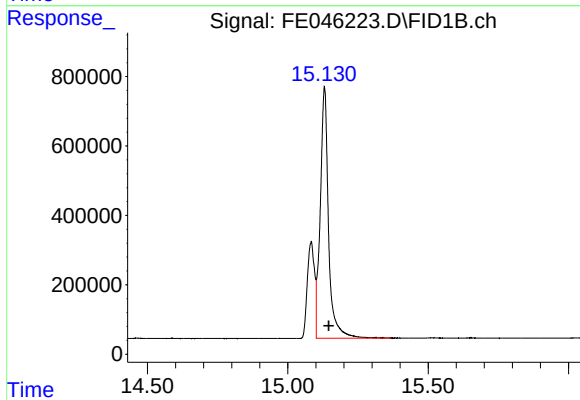
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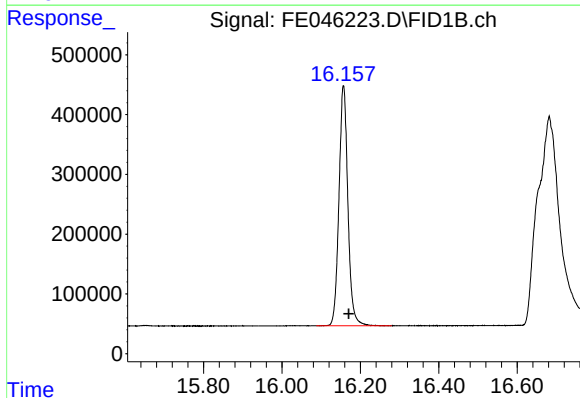
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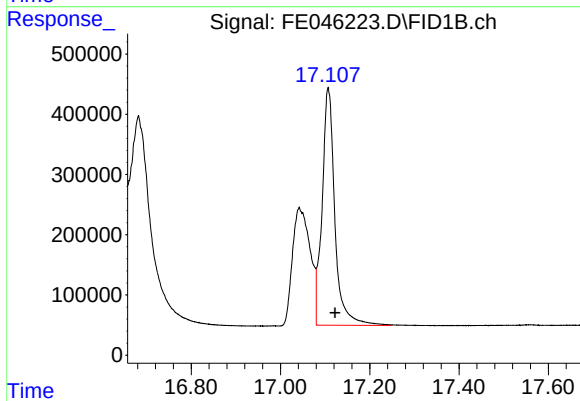
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.015 min
Response: 14938361
Conc: 103.00 ug/ml



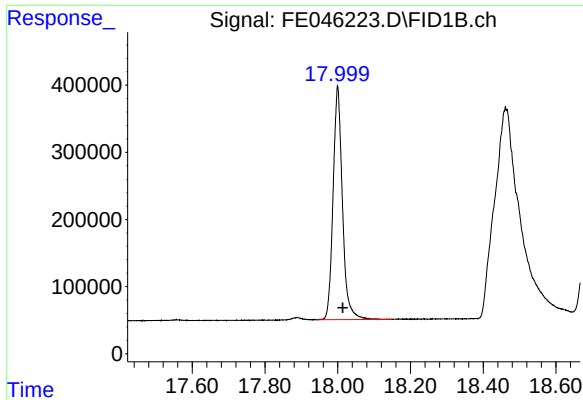
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.013 min
Response: 6339198
Conc: 44.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.107 min
Delta R.T.: -0.016 min
Response: 7799427
Conc: 54.38 ug/ml m



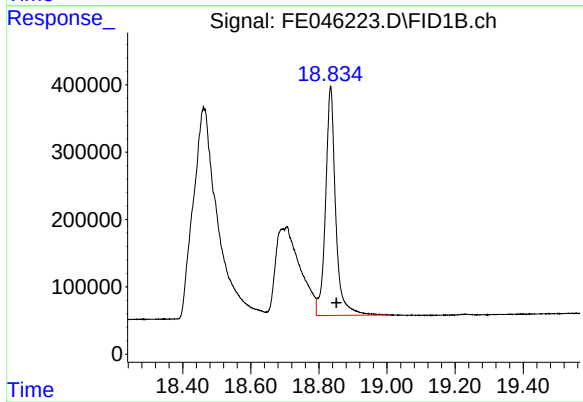
#17 n-Tricontane (C30)

R.T.: 18.000 min
Delta R.T.: -0.014 min
Response: 6204437
Conc: 41.74 ug/ml

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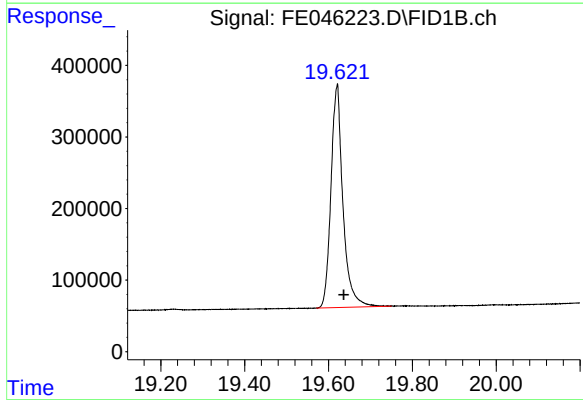
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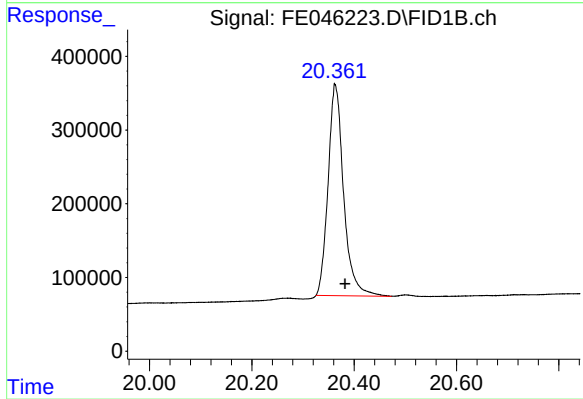
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.018 min
Response: 7002517
Conc: 46.82 ug/ml m



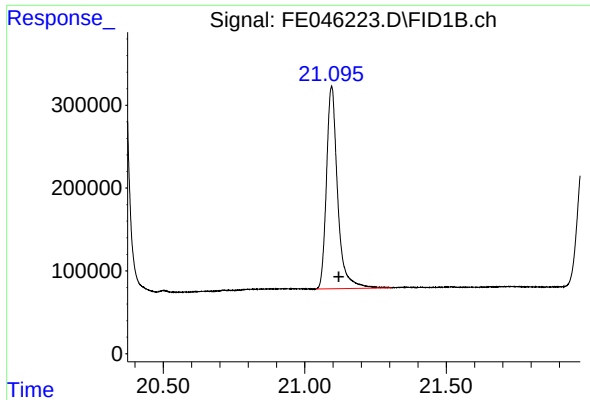
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.016 min
Response: 6160572
Conc: 43.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.019 min
Response: 6040156
Conc: 41.43 ug/ml



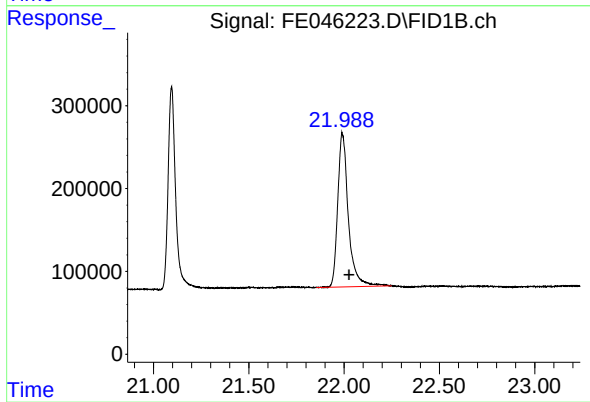
#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.025 min
Response: 6710114
Conc: 45.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: -0.035 min
Response: 7195315
Conc: 45.97 ug/ml