

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011824AL\
 Data File : FE046283.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jan 2024 15:08
 Operator : YP\AJ
 Sample : PB158489BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158489BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 01/19/2024
 Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e
 Quant Time: Jan 19 00:11:15 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)	11.831	11863718	65.284 ug/ml
Spiked Amount 50.000		Recovery =	130.57%
12) S 1-chlorooctadecane (S...	13.272	9457964	70.788 ug/ml
Spiked Amount 50.000		Recovery =	141.58%
Target Compounds			
1) T n-Nonane (C9)	3.213	2219621	14.503 ug/ml
2) T n-Decane (C10)	4.463	2892965	18.641 ug/ml
3) T A~Naphthalene (C11.7)	6.166	6220838	37.406 ug/ml
4) T n-Dodecane (C12)	6.631	6064333	38.840 ug/ml
5) T A~2-methylnaphthalene...	7.263	7902326	49.634 ug/ml
6) T n-Tetradecane (C14)	8.461	8647175	55.512 ug/ml
7) T n-Hexadecane (C16)	10.069	9731359	61.452 ug/ml
8) T n-Octadecane (C18)	11.515	10076811	64.023 ug/ml
10) T n-Eicosane (C20)	12.827	10187233	67.341 ug/ml
11) T n-Heneicosane (C21)	13.438	9774890	66.473 ug/ml
13) T n-Docosane (C22)	14.026	9645955	65.991 ug/ml
14) T n-Tetracosane (C24)	15.130	21138902	145.752 ug/ml
15) T n-Hexacosane (C26)	16.155	9144577	63.784 ug/ml
16) T n-Octacosane (C28)	17.105	11028138	76.894 ug/mlm
17) T n-Tricontane (C30)	17.998	8990635	60.487 ug/ml
18) T n-Dotriacontane (C32)	18.831	10316102	68.975 ug/mlm
19) T n-Tetratriacontane (C34)	19.619	9736349	67.965 ug/ml
20) T n-Hexatriacontane (C36)	20.360	11384436	78.082 ug/mlm
21) T n-Octatriacontane (C38)	21.093	13878208	94.116 ug/ml
22) T n-Tetracontane (C40)	21.988	17148411	109.556 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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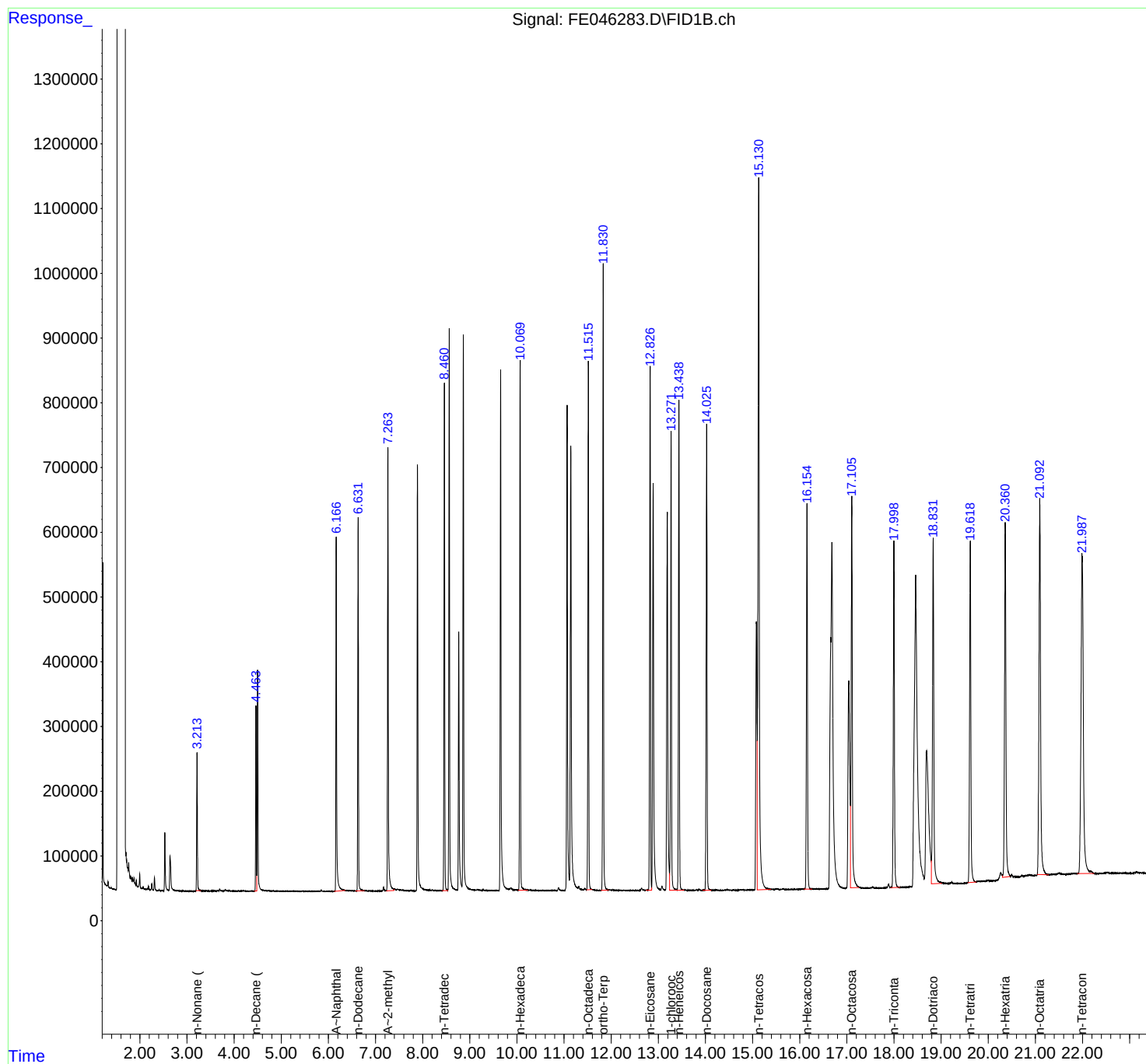
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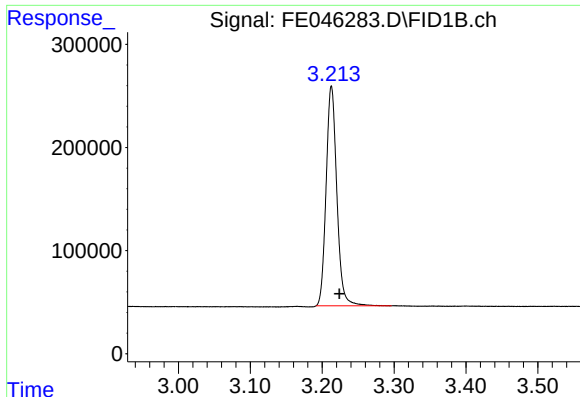
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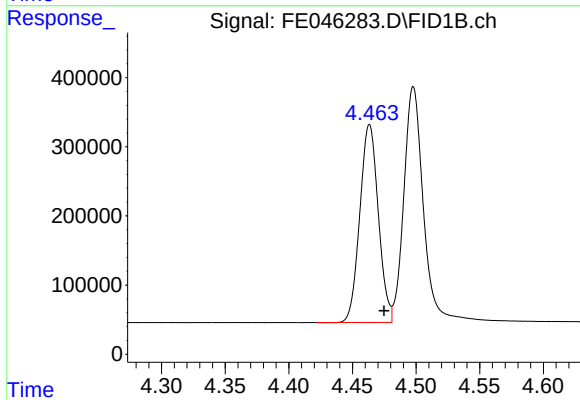
#1 n-Nonane (C9)

R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 2219621
Conc: 14.50 ug/ml

Instrument :
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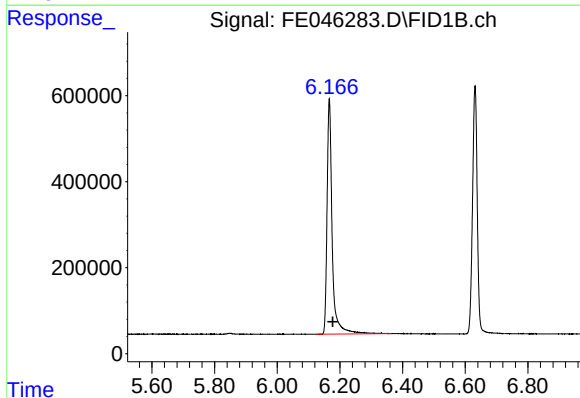
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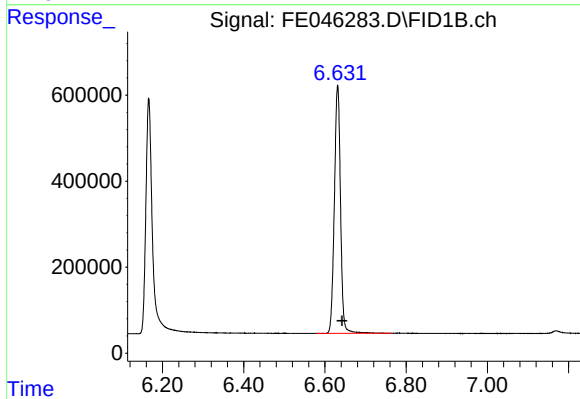
#2 n-Decane (C10)

R.T.: 4.463 min
Delta R.T.: -0.011 min
Response: 2892965
Conc: 18.64 ug/ml



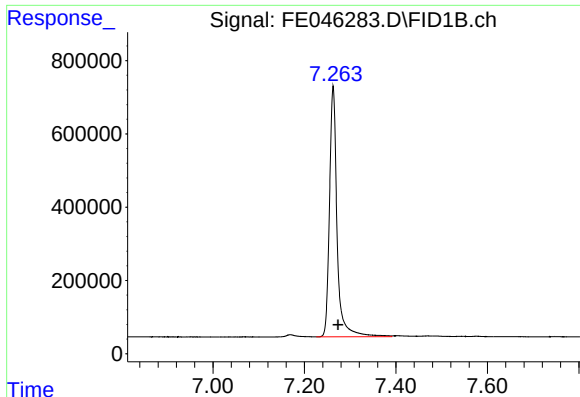
#3 A~Naphthalene (C11.7)

R.T.: 6.166 min
Delta R.T.: -0.011 min
Response: 6220838
Conc: 37.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.631 min
Delta R.T.: -0.011 min
Response: 6064333
Conc: 38.84 ug/ml



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

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 7902326
Conc: 49.63 ug/ml

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FID_E

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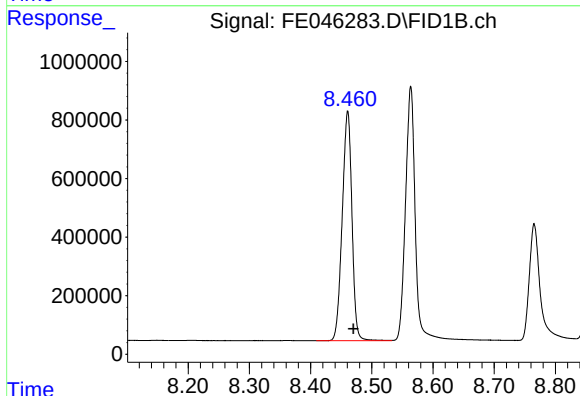
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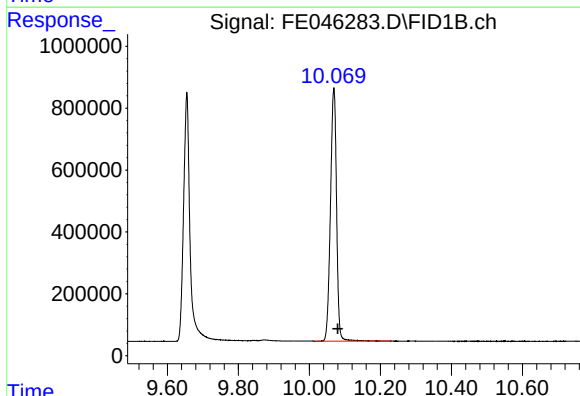
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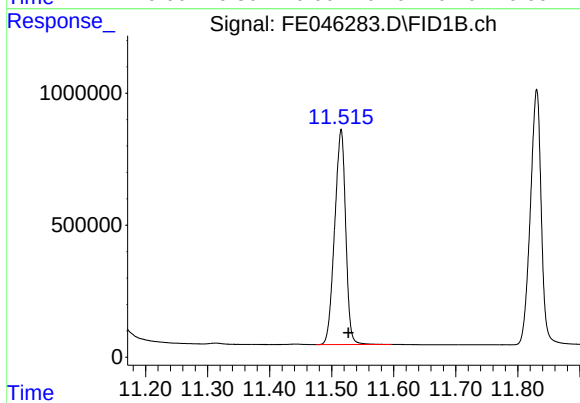
#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.009 min
Response: 8647175
Conc: 55.51 ug/ml



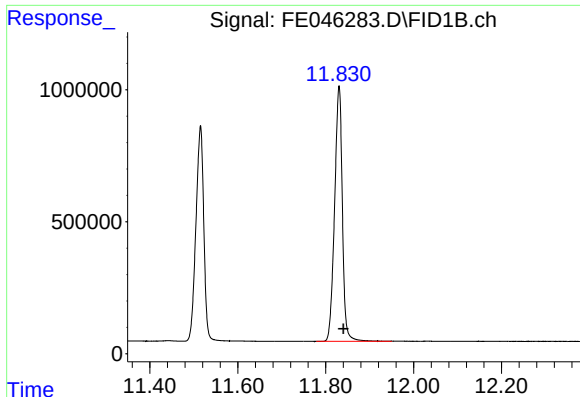
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.011 min
Response: 9731359
Conc: 61.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.515 min
Delta R.T.: -0.011 min
Response: 10076811
Conc: 64.02 ug/ml



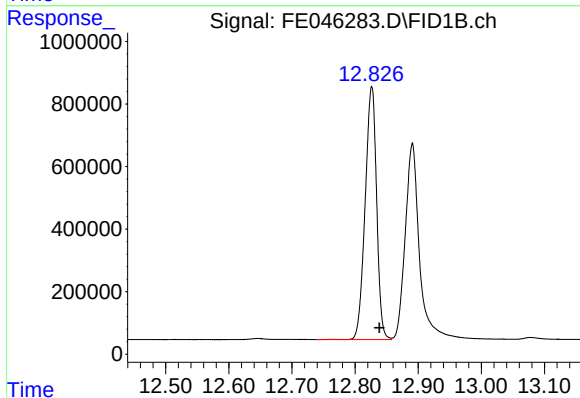
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: -0.010 min
Response: 11863718
Conc: 65.28 ug/ml

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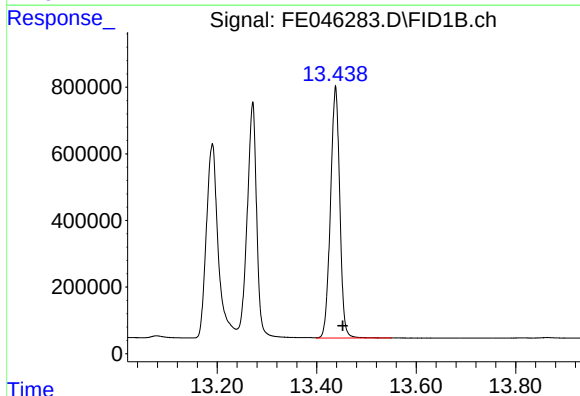
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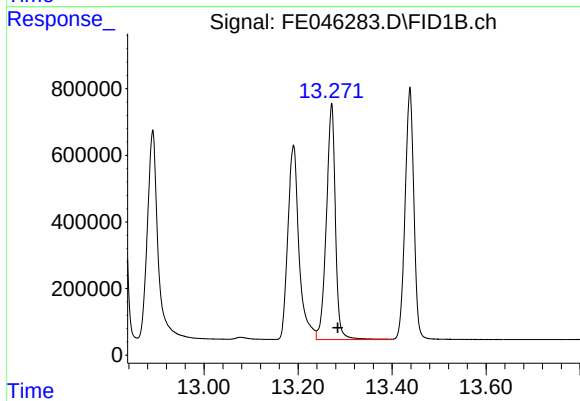
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.012 min
Response: 10187233
Conc: 67.34 ug/ml



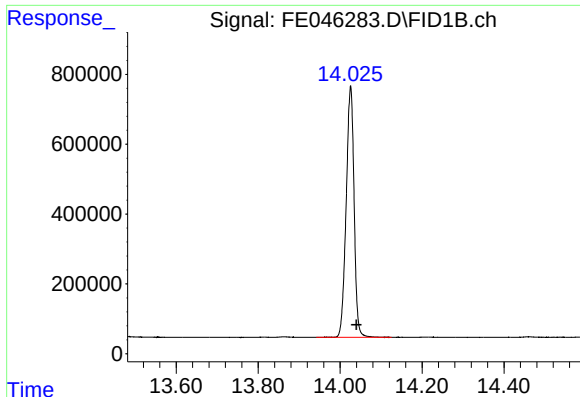
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.015 min
Response: 9774890
Conc: 66.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 9457964
Conc: 70.79 ug/ml



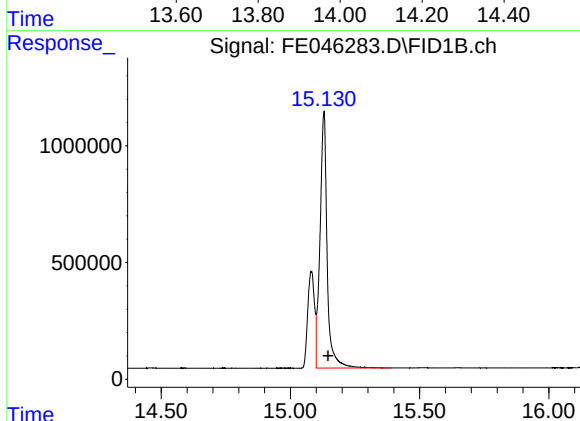
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.014 min
Response: 9645955
Conc: 65.99 ug/ml

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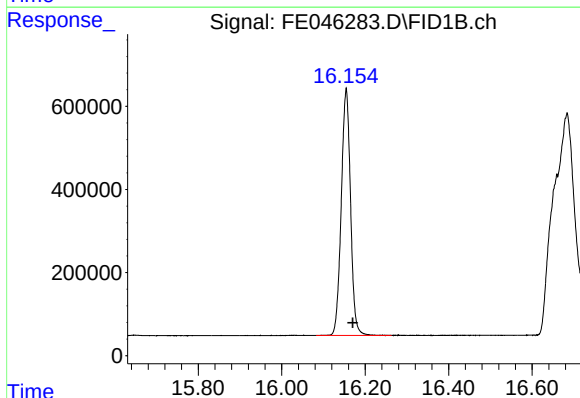
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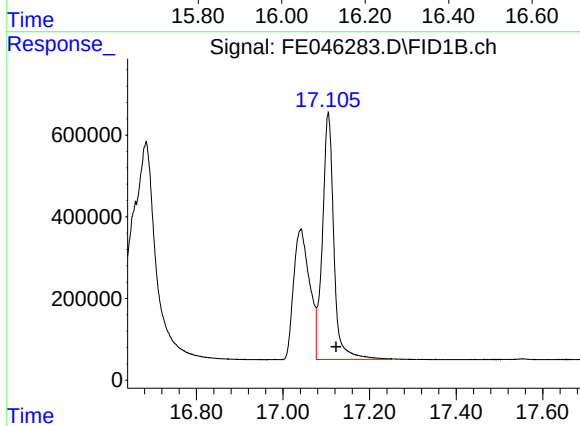
#14 n-Tetracosane (C24)

R.T.: 15.130 min
Delta R.T.: -0.016 min
Response: 21138902
Conc: 145.75 ug/ml



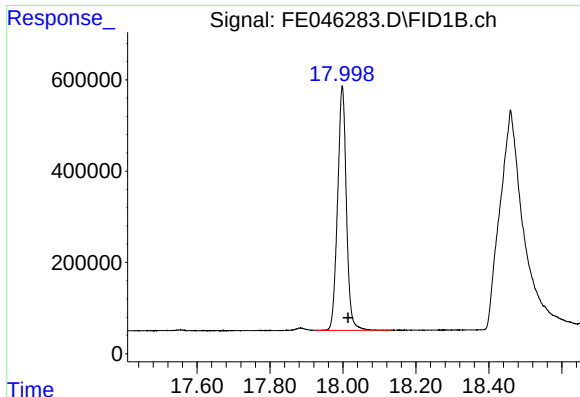
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 9144577
Conc: 63.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.018 min
Response: 11028138
Conc: 76.89 ug/ml m



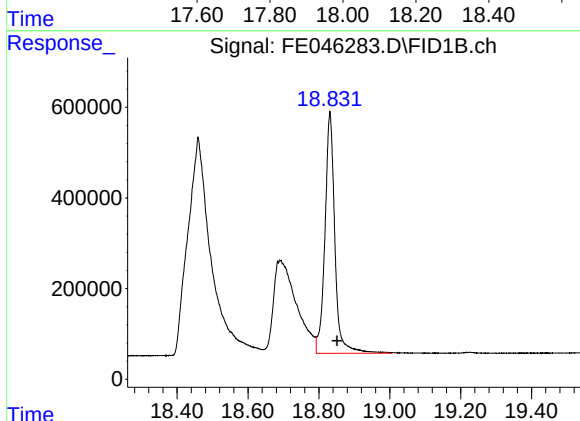
#17 n-Tricontane (C30)

R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 8990635
Conc: 60.49 ug/ml

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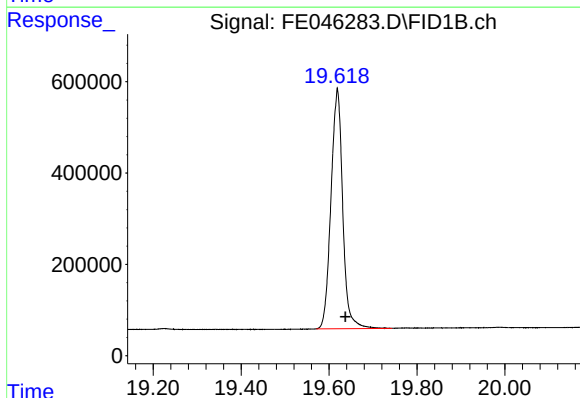
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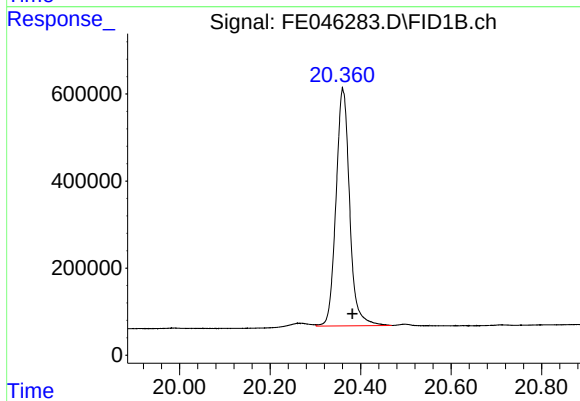
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.020 min
Response: 10316102
Conc: 68.98 ug/ml m



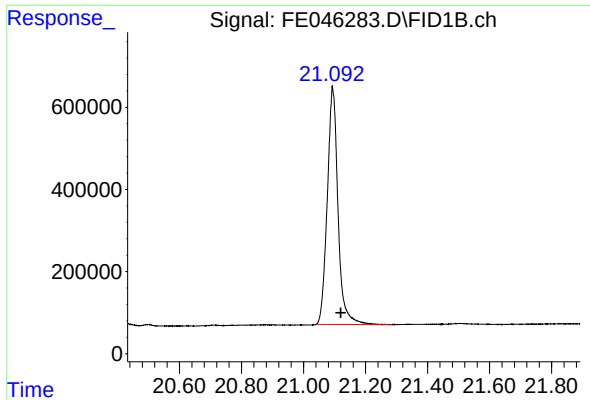
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.018 min
Response: 9736349
Conc: 67.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.022 min
Response: 11384436
Conc: 78.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.026 min
Response: 13878208
Conc: 94.12 ug/ml

Instrument :

FID_E

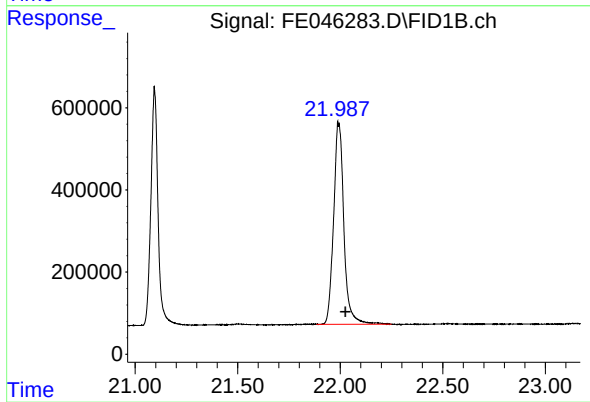
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#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: -0.037 min
Response: 17148411
Conc: 109.56 ug/ml