

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071123AL\
 Data File : FE043140.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2023 06:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :Ankita Jodhani 07/12/2023

Integration File: sample.E
 Quant Time: Jul 12 03:03:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 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)	11.901	3818331	20.785 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	13.339	2774016	20.383 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.282	3255225	21.073 ug/ml
2) T n-Decane (C10)	4.533	3326352	21.058 ug/ml
3) T A~Naphthalene (C11.7)	6.242	3522783	20.805 ug/ml
4) T n-Dodecane (C12)	6.703	3365548	21.026 ug/ml
5) T A~2-methylnaphthalene...	7.339	3340590	20.604 ug/ml
6) T n-Tetradecane (C14)	8.531	3336542	20.965 ug/ml
7) T n-Hexadecane (C16)	10.140	3437966	20.874 ug/ml
8) T n-Octadecane (C18)	11.583	3485690	20.971 ug/mlm
10) T n-Eicosane (C20)	12.892	3300552	20.800 ug/ml
11) T n-Heneicosane (C21)	13.504	3218358	20.802 ug/ml
13) T n-Docosane (C22)	14.091	3163313	20.766 ug/ml
14) T n-Tetracosane (C24)	15.194	3080948	20.765 ug/ml
15) T n-Hexacosane (C26)	16.215	2969708	20.773 ug/ml
16) T n-Octacosane (C28)	17.165	2874154	20.723 ug/ml
17) T n-Tricontane (C30)	18.053	2916811	20.624 ug/ml
18) T n-Dotriacontane (C32)	18.885	2884397	20.565 ug/ml
19) T n-Tetratriacontane (C34)	19.668	2825903	20.650 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2733213	20.437 ug/ml
21) T n-Octatriacontane (C38)	21.148	2672293	19.600 ug/ml
22) T n-Tetracontane (C40)	22.060	2685381	19.301 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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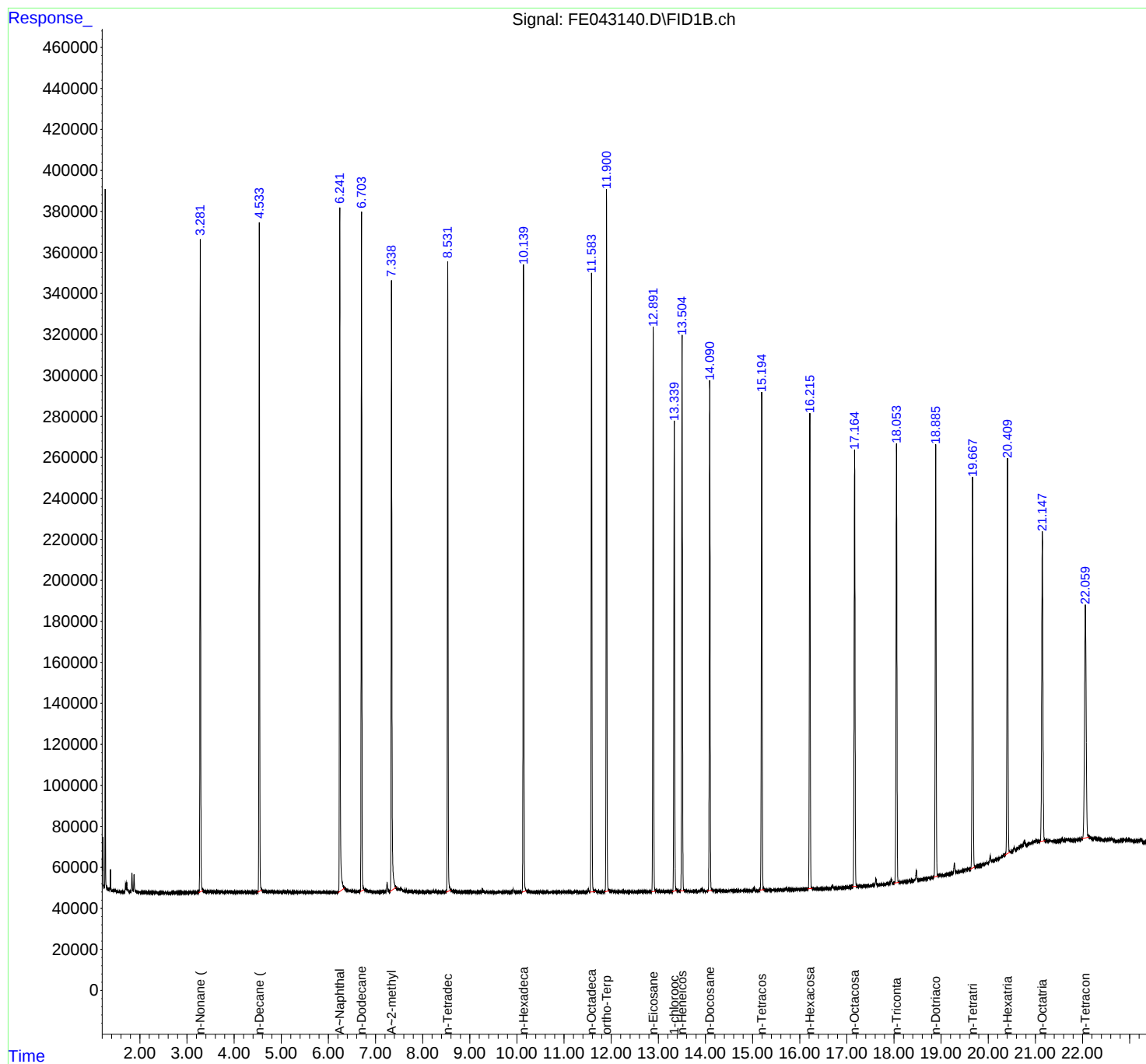
Instrument :
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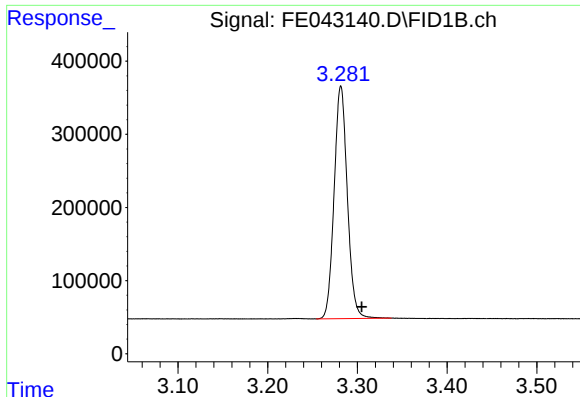
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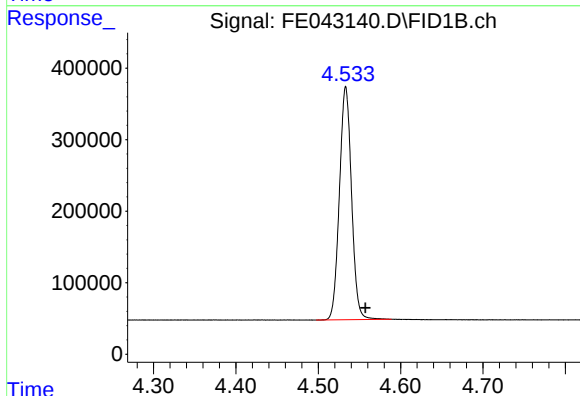
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.023 min
Response: 3255225
Conc: 21.07 ug/ml

Instrument :
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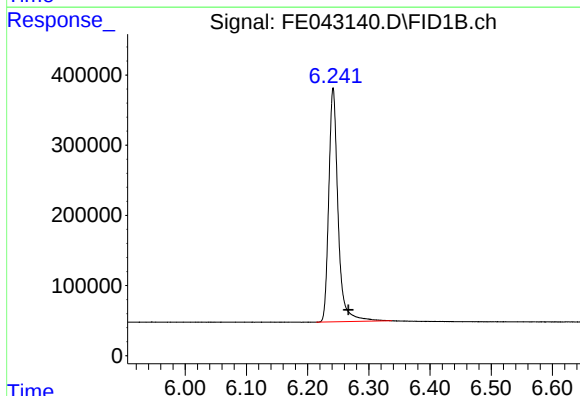
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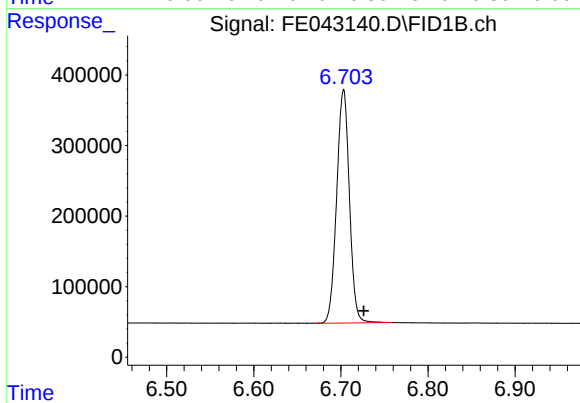
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.024 min
Response: 3326352
Conc: 21.06 ug/ml



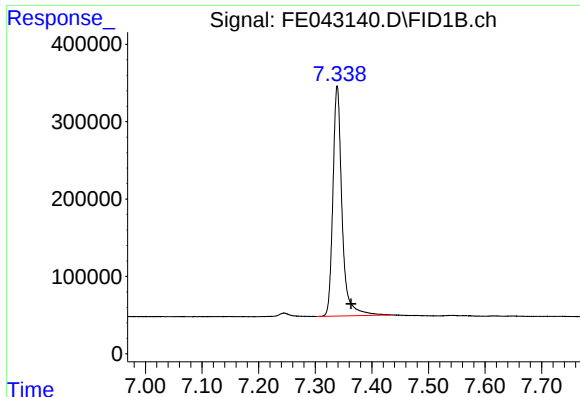
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.025 min
Response: 3522783
Conc: 20.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.023 min
Response: 3365548
Conc: 21.03 ug/ml



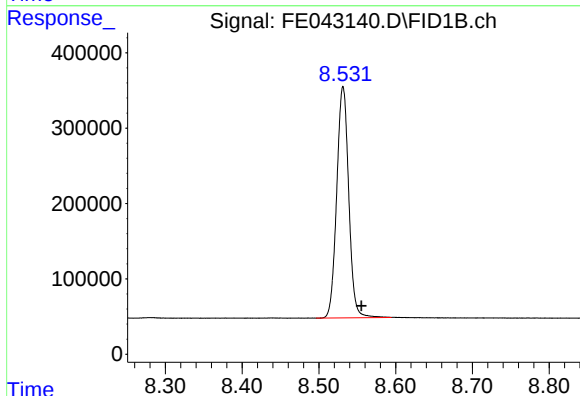
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.025 min
Response: 3340590
Conc: 20.60 ug/ml

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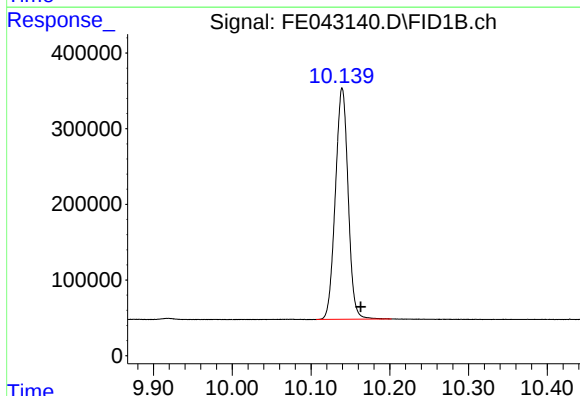
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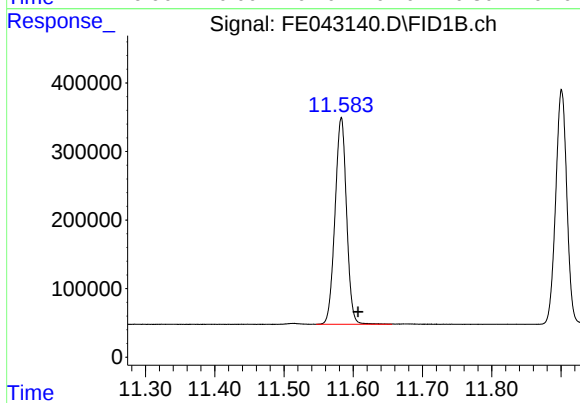
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: -0.024 min
Response: 3336542
Conc: 20.96 ug/ml



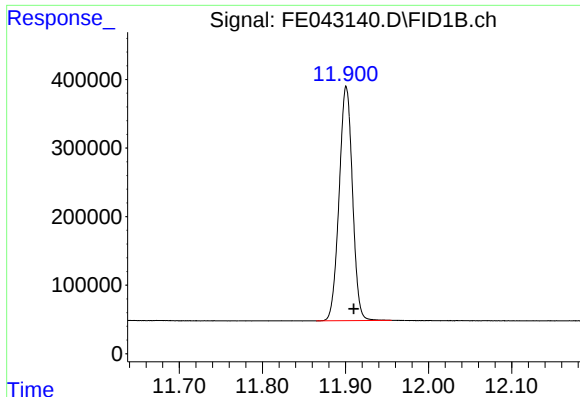
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.023 min
Response: 3437966
Conc: 20.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.024 min
Response: 3485690
Conc: 20.97 ug/ml m



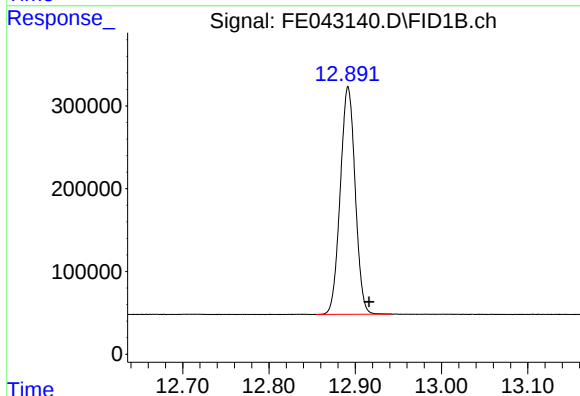
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.009 min
Response: 3818331
Conc: 20.79 ug/ml

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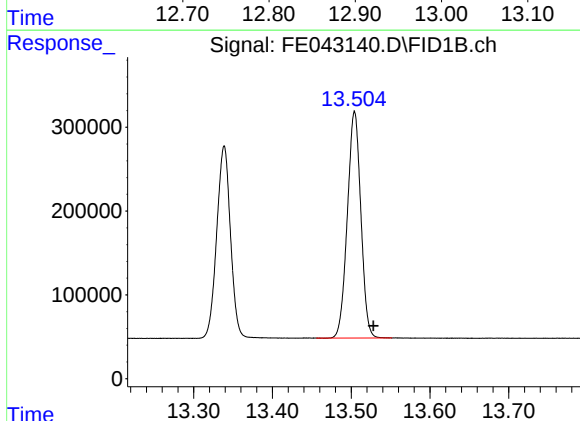
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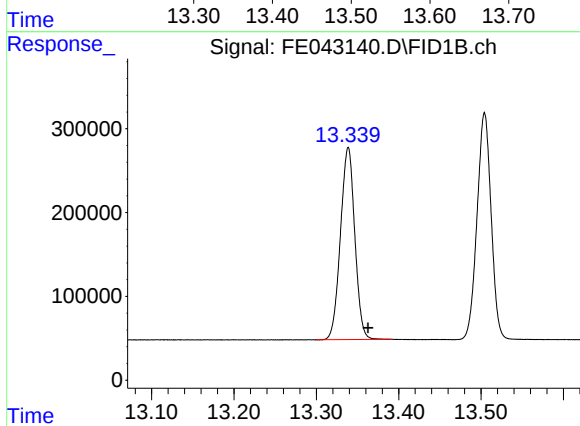
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.024 min
Response: 3300552
Conc: 20.80 ug/ml



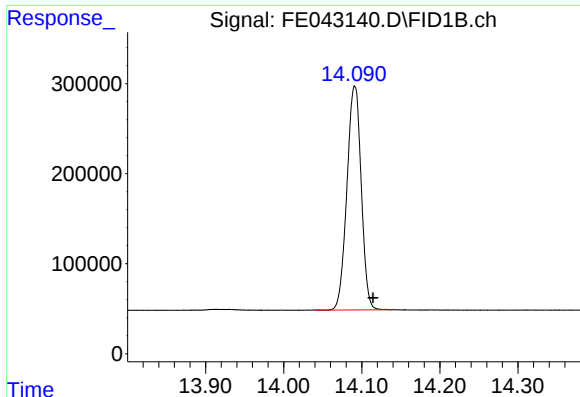
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.024 min
Response: 3218358
Conc: 20.80 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.024 min
Response: 2774016
Conc: 20.38 ug/ml



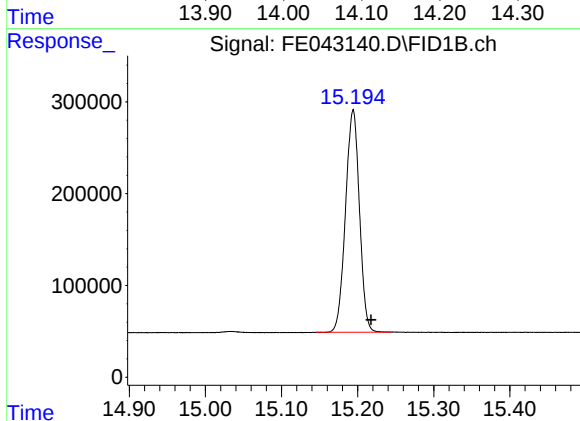
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.023 min
Response: 3163313
Conc: 20.77 ug/ml

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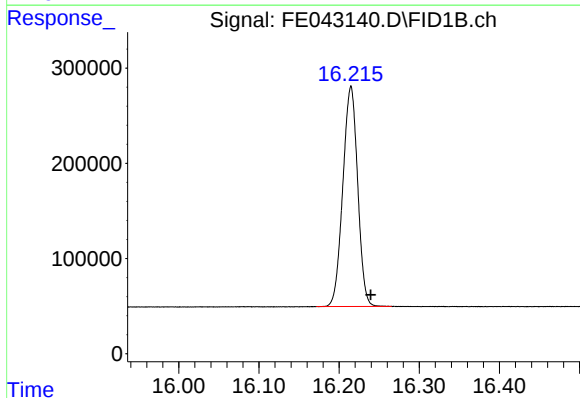
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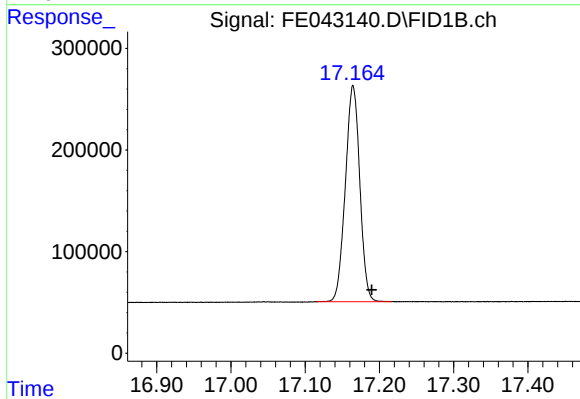
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.024 min
Response: 3080948
Conc: 20.76 ug/ml



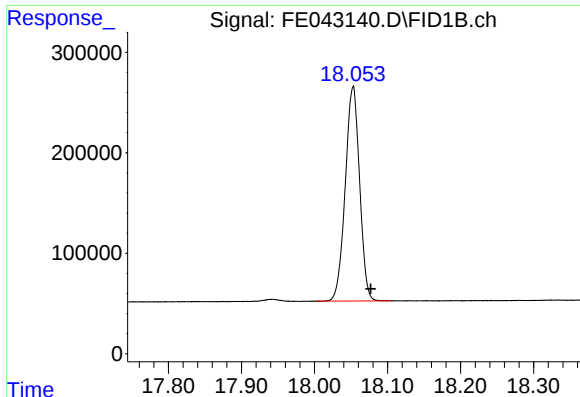
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.025 min
Response: 2969708
Conc: 20.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.025 min
Response: 2874154
Conc: 20.72 ug/ml



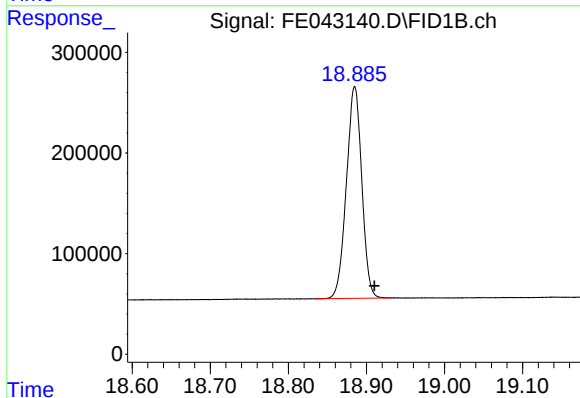
#17 n-Tricontane (C30)

R.T.: 18.053 min
Delta R.T.: -0.024 min
Response: 2916811
Conc: 20.62 ug/ml

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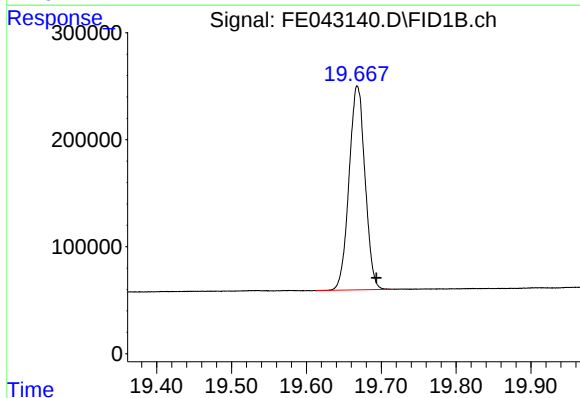
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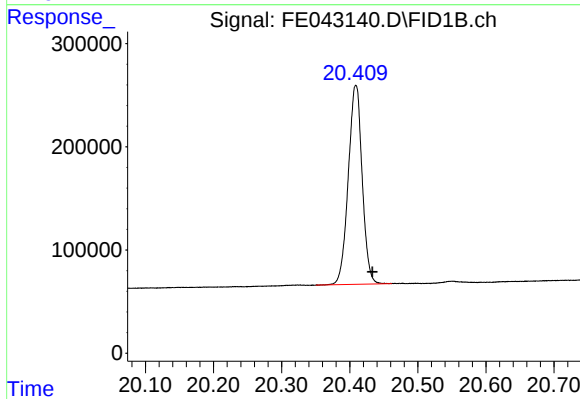
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.025 min
Response: 2884397
Conc: 20.56 ug/ml



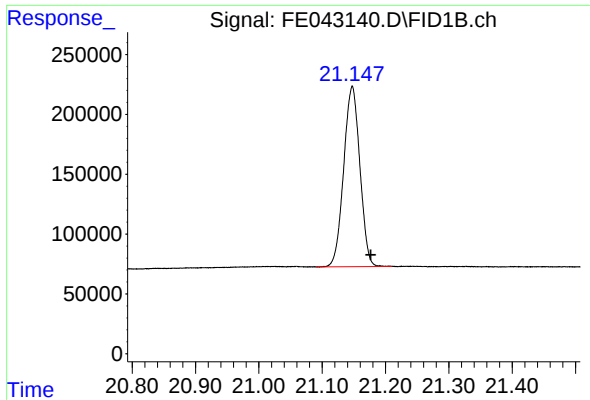
#19 n-Tetratriacontane (C34)

R.T.: 19.668 min
Delta R.T.: -0.025 min
Response: 2825903
Conc: 20.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: -0.024 min
Response: 2733213
Conc: 20.44 ug/ml



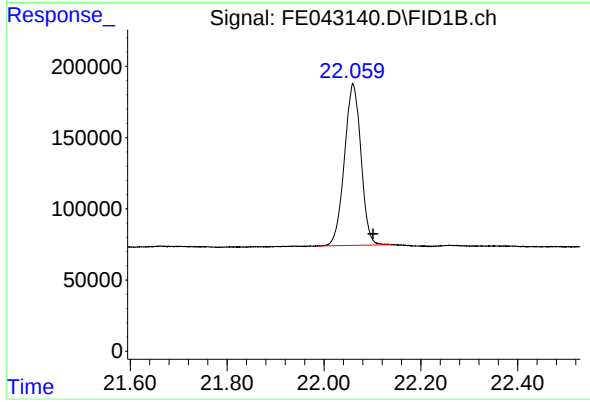
#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.029 min
Response: 2672293
Conc: 19.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: -0.041 min
Response: 2685381
Conc: 19.30 ug/ml