

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037255.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 14:05
 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 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 26 04:09:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 2022
 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)	11.663	3336286	19.305 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
12) S 1-chlorooctadecane (S...	13.086	2595203	18.994 ug/ml
Spiked Amount 50.000		Recovery =	37.99%
Target Compounds			
1) T n-Nonane (C9)	3.057	3066333	20.583 ug/ml
2) T n-Decane (C10)	4.314	3111217	20.770 ug/ml
3) T A~Naphthalene (C11.7)	6.031	3079489	21.272 ug/ml
4) T n-Dodecane (C12)	6.485	3166789	20.485 ug/ml
5) T A~2-methylnaphthalene...	7.123	3027294	21.883 ug/ml
6) T n-Tetradecane (C14)	9.904	3171933	20.167 ug/ml
7) T n-Hexadecane (C16)	9.904	3171933	20.167 ug/ml
8) T n-Octadecane (C18)	11.339	3172431	19.685 ug/ml
10) T n-Eicosane (C20)	12.641	3131374	19.018 ug/ml
11) T n-Heneicosane (C21)	13.250	3107204	18.785 ug/ml
13) T n-Docosane (C22)	13.834	3062254	18.434 ug/ml
14) T n-Tetracosane (C24)	14.931	2946359	17.848 ug/ml
15) T n-Hexacosane (C26)	15.947	2834653	17.386 ug/ml
16) T n-Octacosane (C28)	16.892	2721144	17.138 ug/ml
17) T n-Tricontane (C30)	17.775	2711163	17.456 ug/ml
18) T n-Dotriacontane (C32)	18.604	2711461	18.178 ug/ml
19) T n-Tetratriacontane (C34)	19.382	2574258	19.159 ug/ml
20) T n-Hexatriacontane (C36)	20.119	2578404	20.084 ug/ml
21) T n-Octatriacontane (C38)	20.817	2559960	21.324 ug/ml
22) T n-Tetracontane (C40)	21.610	2769963	22.934 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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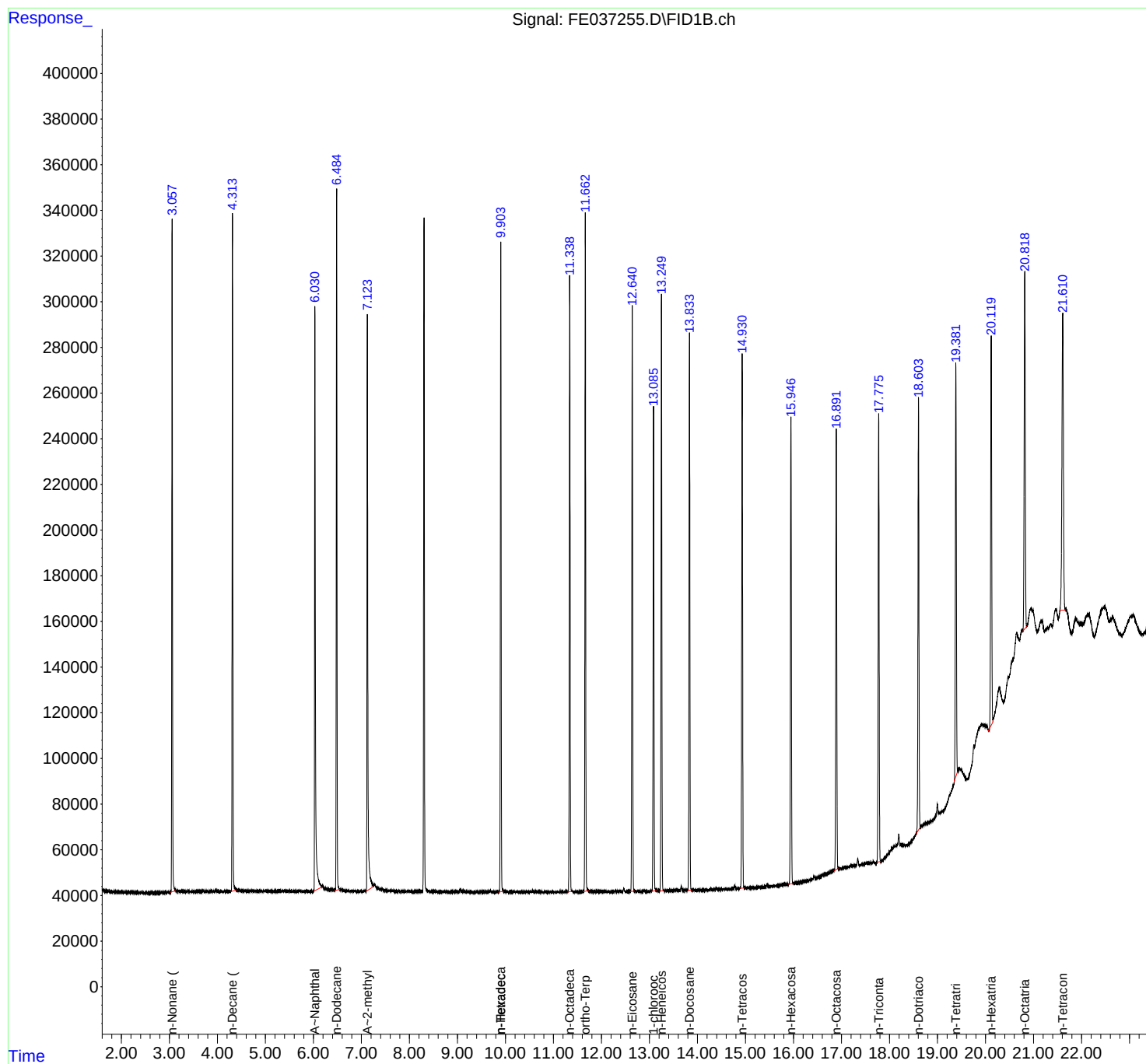
Instrument :
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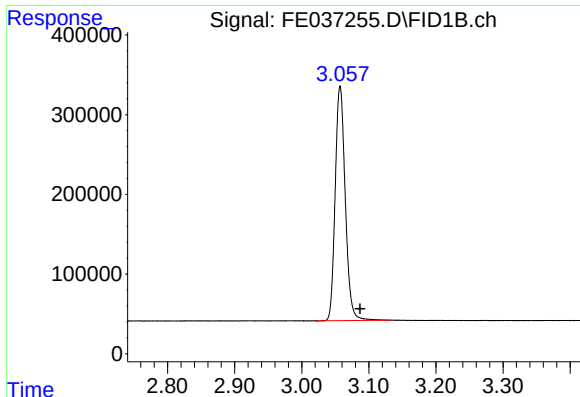
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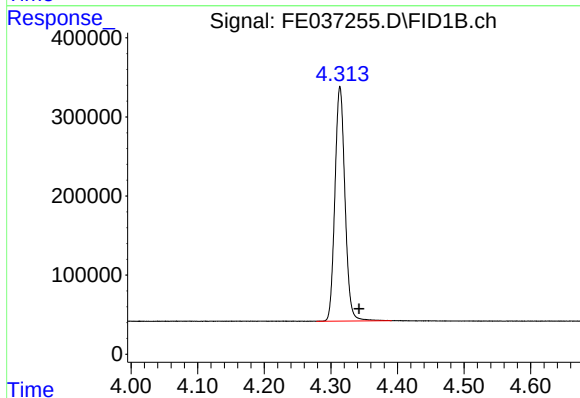
#1 n-Nonane (C9)

R.T.: 3.057 min
Delta R.T.: -0.030 min
Response: 3066333
Conc: 20.58 ug/ml

Instrument :
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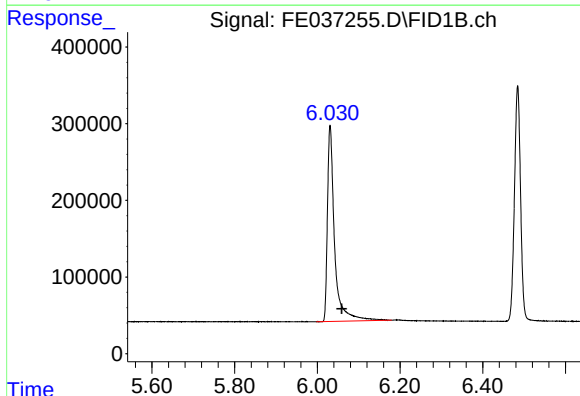
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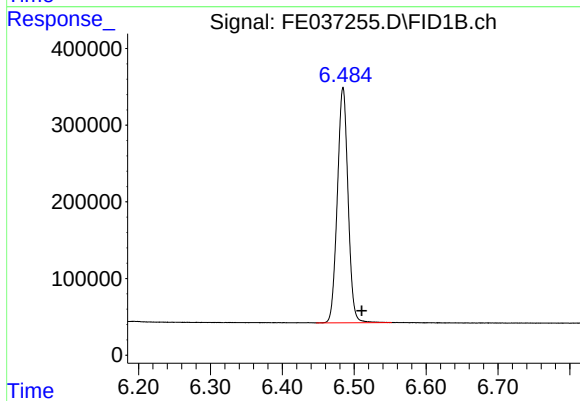
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.029 min
Response: 3111217
Conc: 20.77 ug/ml



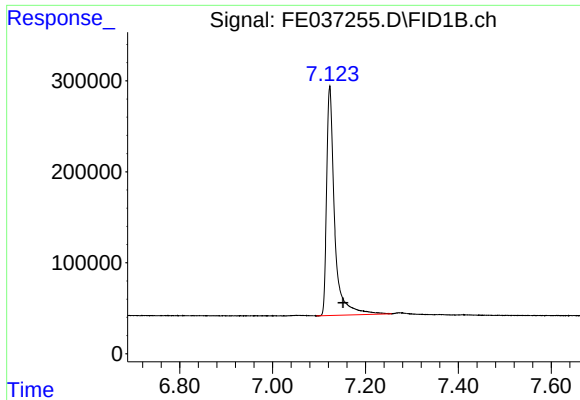
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.028 min
Response: 3079489
Conc: 21.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.485 min
Delta R.T.: -0.026 min
Response: 3166789
Conc: 20.48 ug/ml



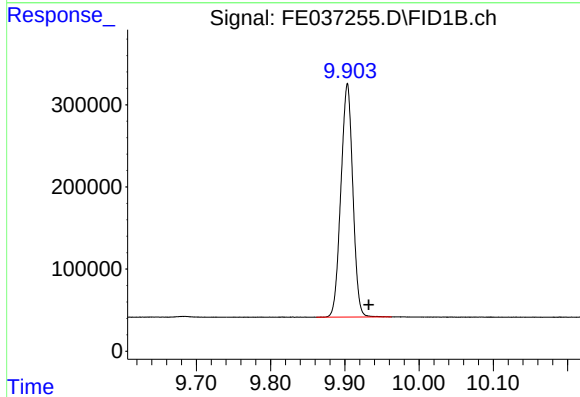
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.029 min
Response: 3027294
Conc: 21.88 ug/ml

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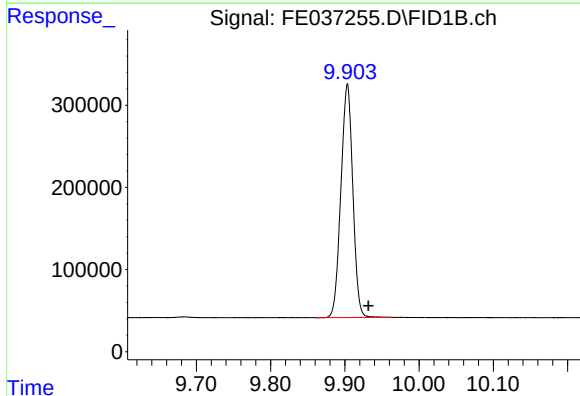
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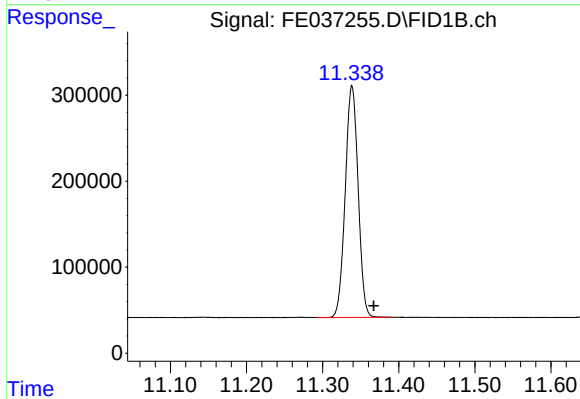
#6 n-Tetradecane (C14)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 3171933
Conc: 20.17 ug/ml



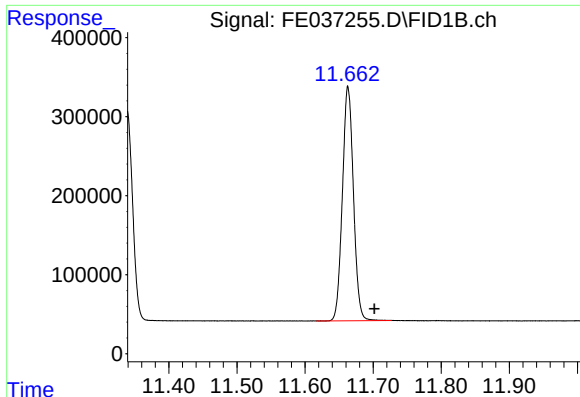
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 3171933
Conc: 20.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.029 min
Response: 3172431
Conc: 19.68 ug/ml



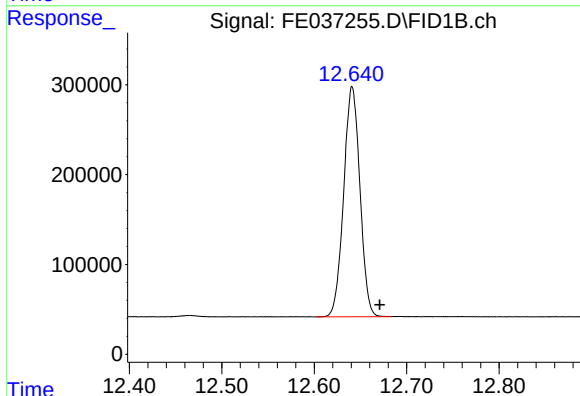
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: -0.039 min
Response: 3336286
Conc: 19.30 ug/ml

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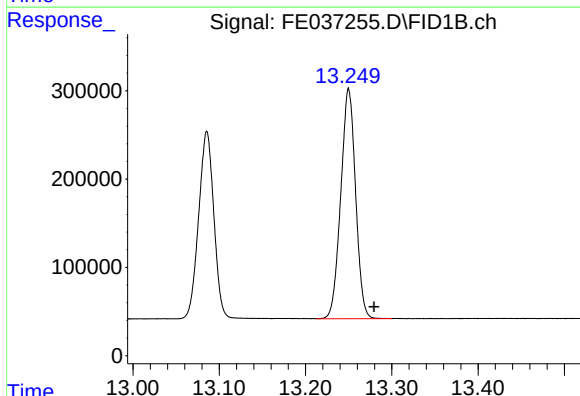
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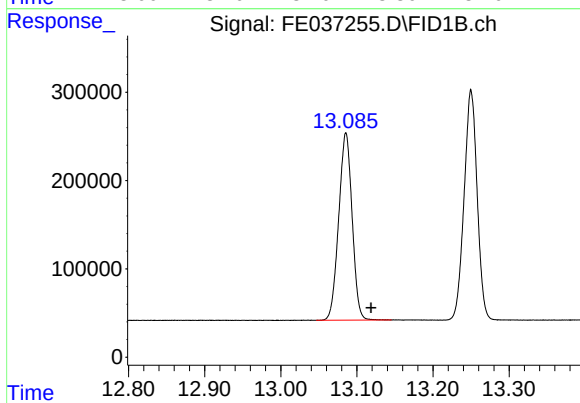
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.030 min
Response: 3131374
Conc: 19.02 ug/ml



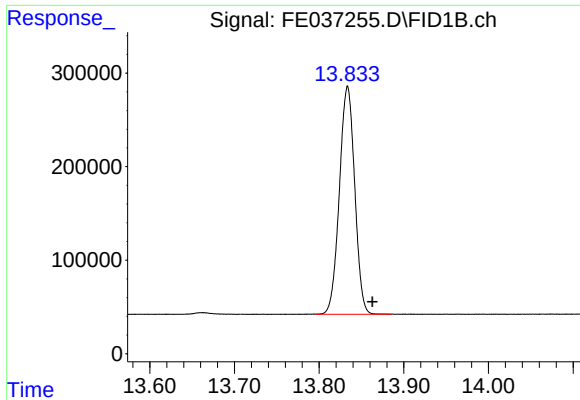
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.030 min
Response: 3107204
Conc: 18.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.033 min
Response: 2595203
Conc: 18.99 ug/ml



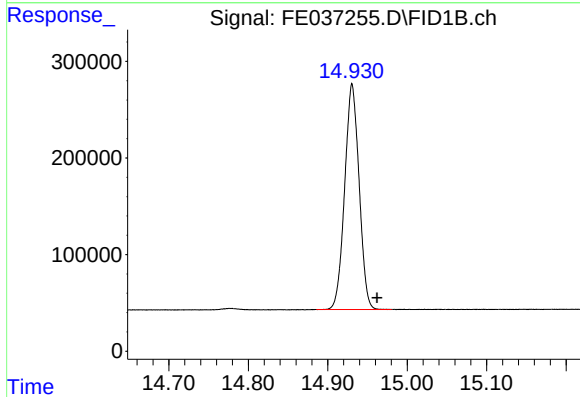
#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: -0.029 min
Response: 3062254
Conc: 18.43 ug/ml

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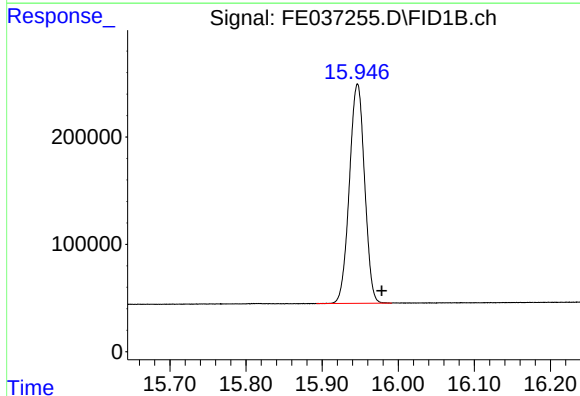
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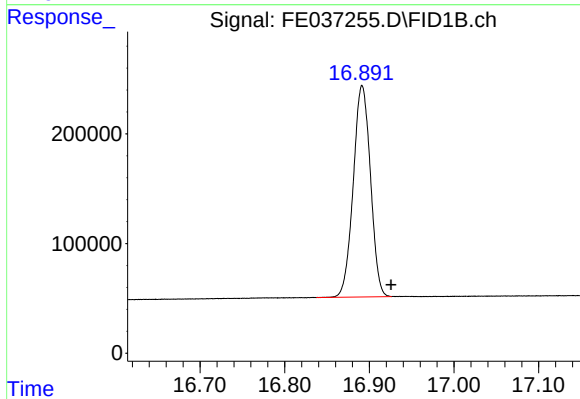
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.032 min
Response: 2946359
Conc: 17.85 ug/ml



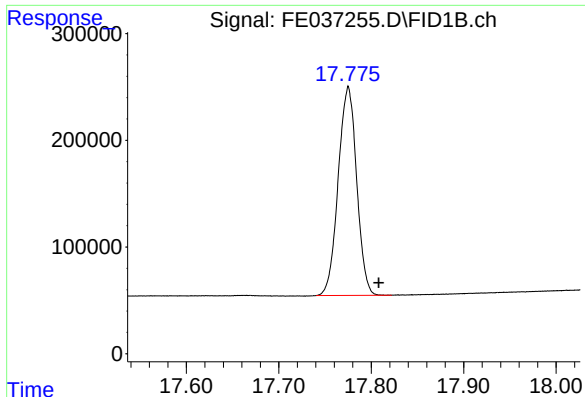
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.032 min
Response: 2834653
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.034 min
Response: 2721144
Conc: 17.14 ug/ml



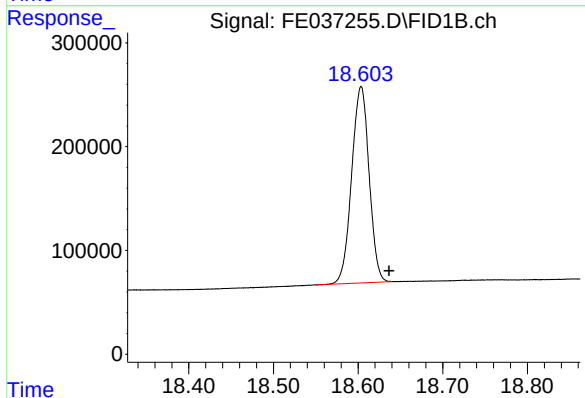
#17 n-Tricontane (C30)

R.T.: 17.775 min
Delta R.T.: -0.033 min
Response: 2711163
Conc: 17.46 ug/ml

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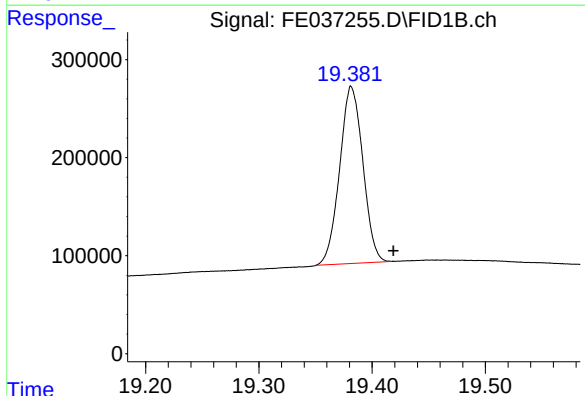
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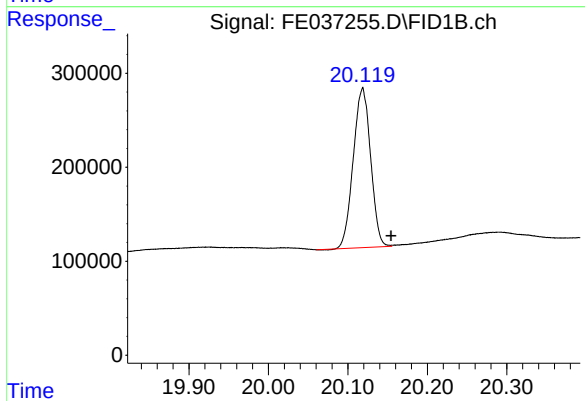
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: -0.033 min
Response: 2711461
Conc: 18.18 ug/ml



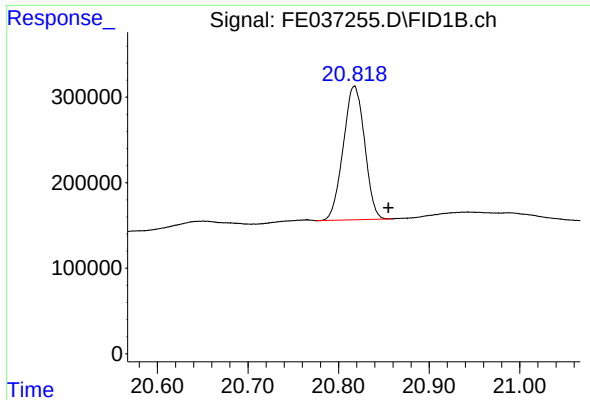
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.037 min
Response: 2574258
Conc: 19.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.119 min
Delta R.T.: -0.036 min
Response: 2578404
Conc: 20.08 ug/ml



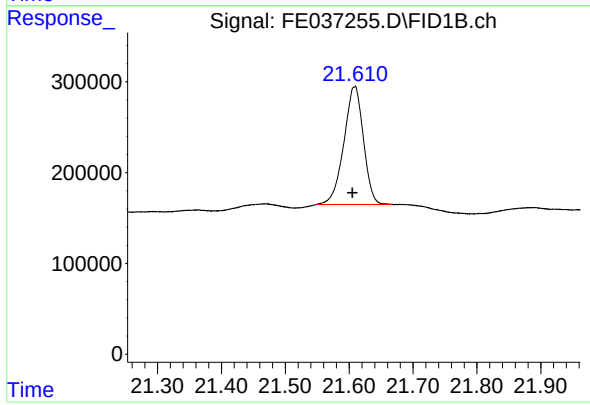
#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.038 min
Response: 2559960
Conc: 21.32 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.610 min
Delta R.T.: 0.005 min
Response: 2769963
Conc: 22.93 ug/ml m