

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037431.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 22:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 03:06:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.644	3299694	19.526 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.067	2522664	19.601 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.037	3169057	20.712 ug/ml
2) T n-Decane (C10)	4.295	3234859	20.982 ug/ml
3) T A~Naphthalene (C11.7)	6.010	3231540	22.430 ug/ml
4) T n-Dodecane (C12)	6.467	3281525	20.752 ug/ml
5) T A~2-methylnaphthalene...	7.102	3149464	22.558 ug/ml
6) T n-Tetradecane (C14)	9.886	3230481	20.388 ug/ml
7) T n-Hexadecane (C16)	9.886	3230481	20.388 ug/ml
8) T n-Octadecane (C18)	11.321	3179857	19.969 ug/ml
10) T n-Eicosane (C20)	12.624	3102949	19.611 ug/ml
11) T n-Heneicosane (C21)	13.232	3053613	19.365 ug/ml
13) T n-Docosane (C22)	13.817	3040026	19.529 ug/ml
14) T n-Tetracosane (C24)	14.914	2949786	19.612 ug/ml
15) T n-Hexacosane (C26)	15.929	2856444	19.726 ug/ml
16) T n-Octacosane (C28)	16.876	2796686	20.187 ug/ml
17) T n-Tricontane (C30)	17.759	2826566	20.779 ug/ml
18) T n-Dotriacontane (C32)	18.587	2899912	21.717 ug/ml
19) T n-Tetratriacontane (C34)	19.367	2714751	21.456 ug/mlm
20) T n-Hexatriacontane (C36)	20.102	2803624	21.799 ug/ml
21) T n-Octatriacontane (C38)	20.800	2867493	23.040 ug/ml
22) T n-Tetracontane (C40)	21.582	2988770	23.184 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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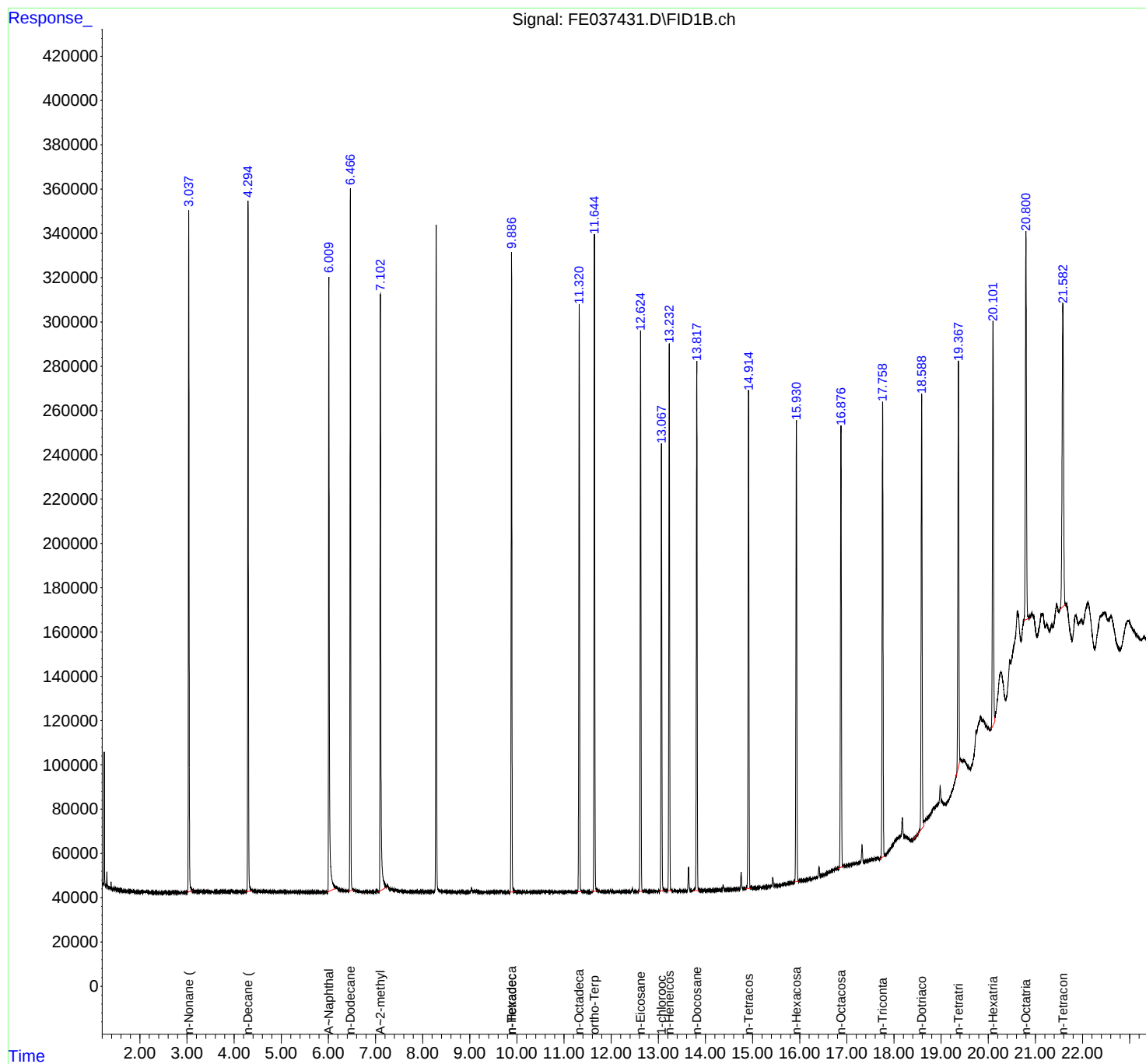
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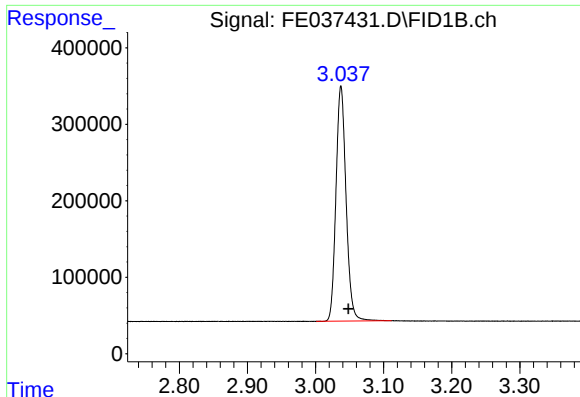
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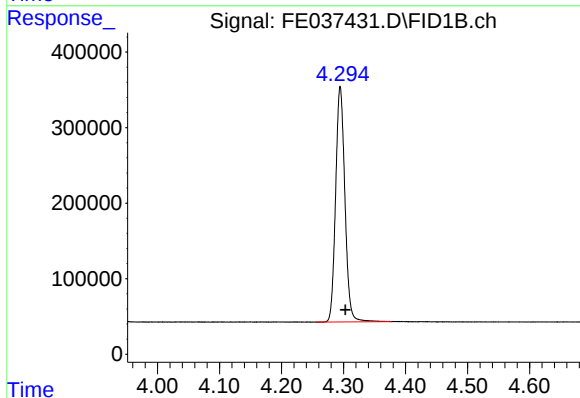
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 3169057
Conc: 20.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

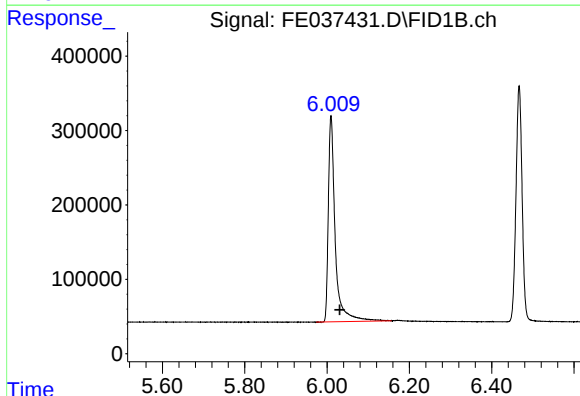
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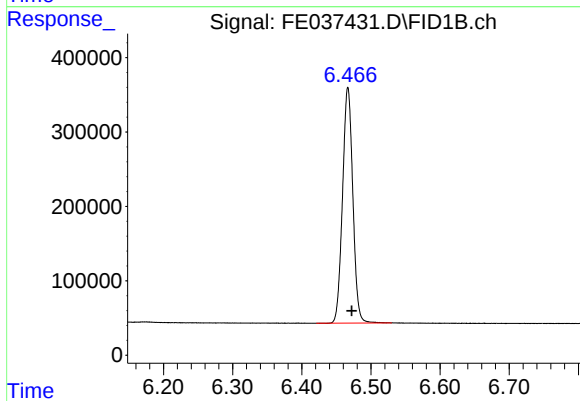
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.009 min
Response: 3234859
Conc: 20.98 ug/ml



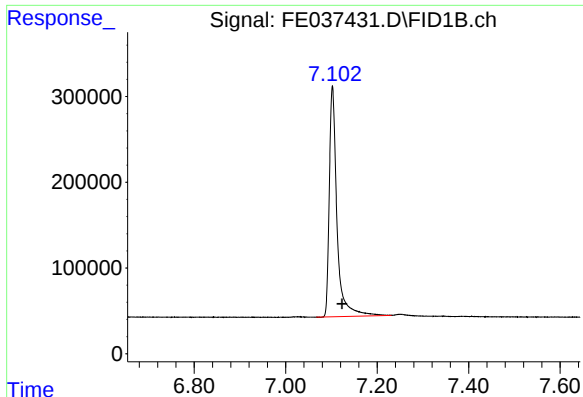
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 3231540
Conc: 22.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.006 min
Response: 3281525
Conc: 20.75 ug/ml



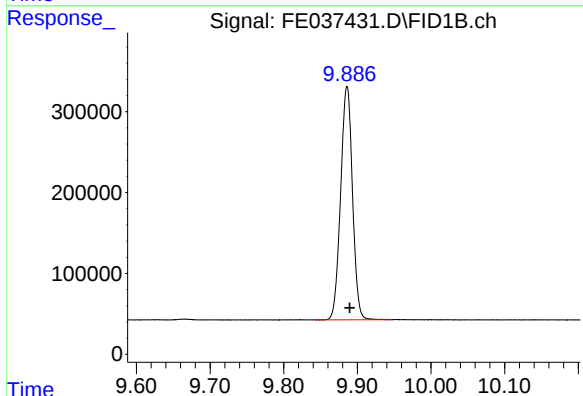
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.021 min
Response: 3149464
Conc: 22.56 ug/ml

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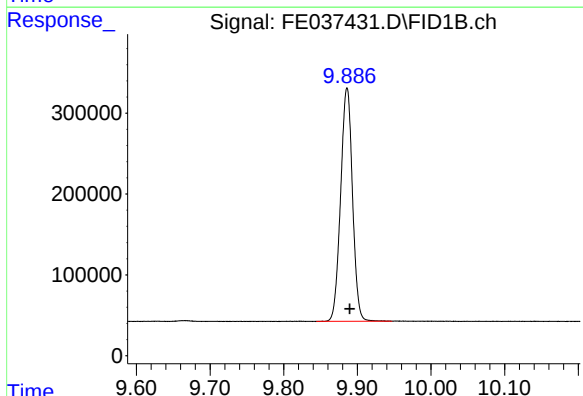
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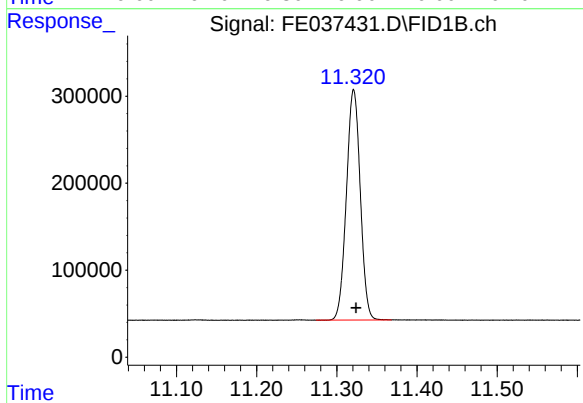
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 3230481
Conc: 20.39 ug/ml



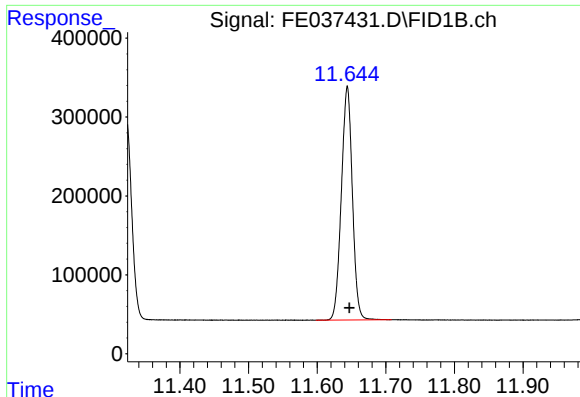
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 3230481
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 3179857
Conc: 19.97 ug/ml



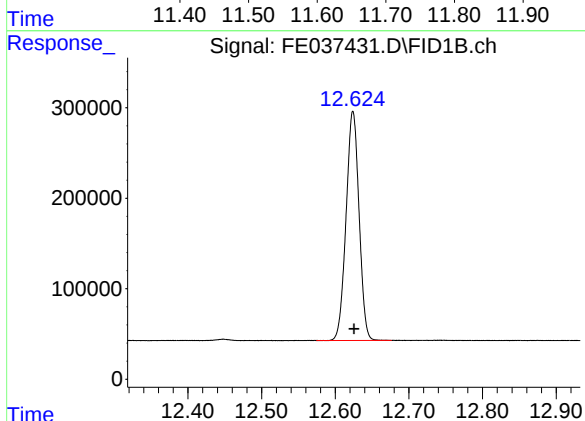
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 3299694
Conc: 19.53 ug/ml

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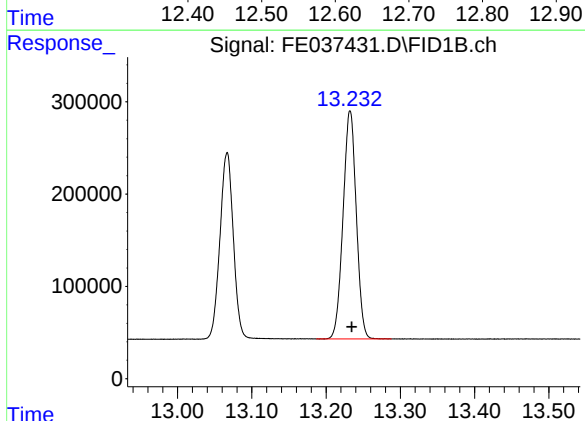
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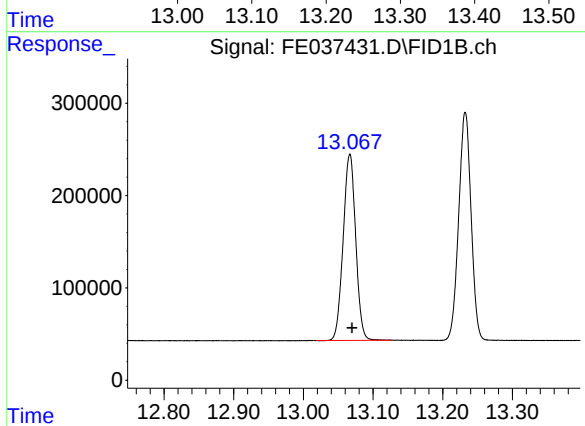
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.001 min
Response: 3102949
Conc: 19.61 ug/ml



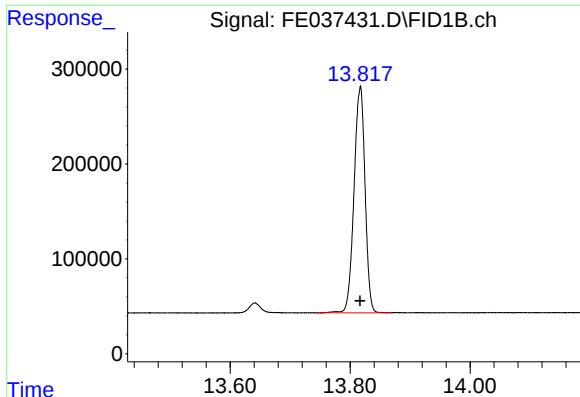
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.002 min
Response: 3053613
Conc: 19.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.003 min
Response: 2522664
Conc: 19.60 ug/ml



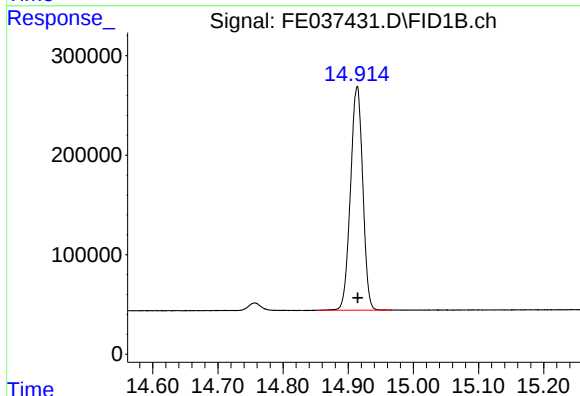
#13 n-Docosane (C22)

R.T.: 13.817 min
Delta R.T.: 0.000 min
Response: 3040026
Conc: 19.53 ug/ml

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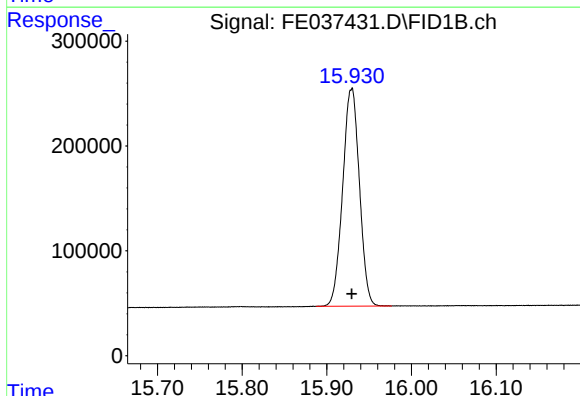
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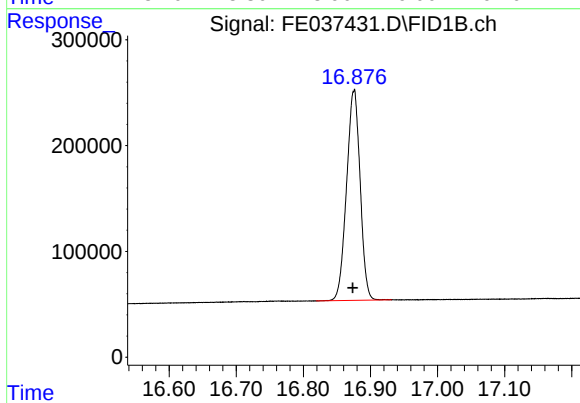
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: 0.000 min
Response: 2949786
Conc: 19.61 ug/ml



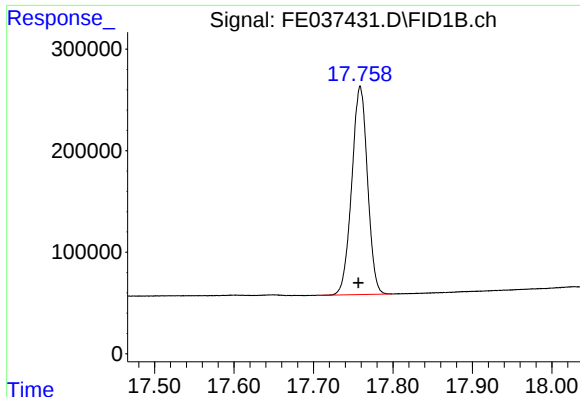
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: 0.000 min
Response: 2856444
Conc: 19.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.876 min
Delta R.T.: 0.002 min
Response: 2796686
Conc: 20.19 ug/ml



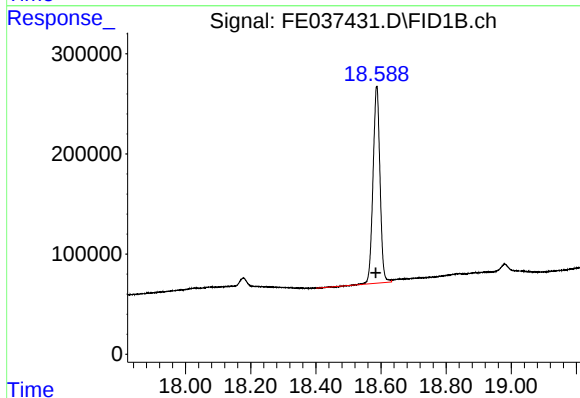
#17 n-Tricontane (C30)

R.T.: 17.759 min
Delta R.T.: 0.002 min
Response: 2826566
Conc: 20.78 ug/ml

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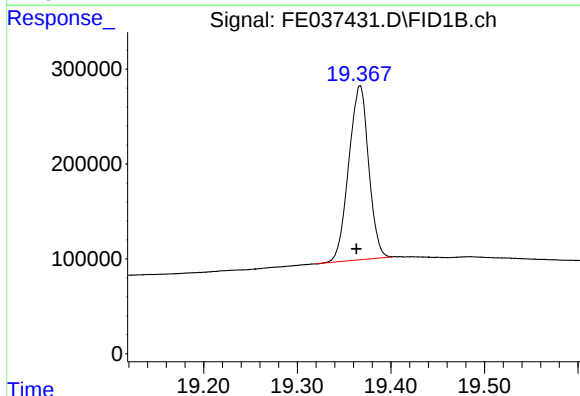
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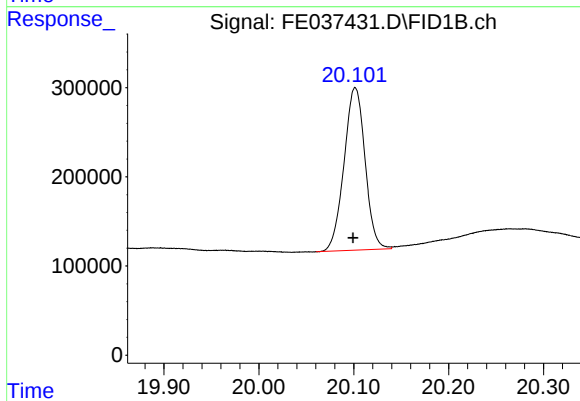
#18 n-Dotriacontane (C32)

R.T.: 18.587 min
Delta R.T.: 0.003 min
Response: 2899912
Conc: 21.72 ug/ml



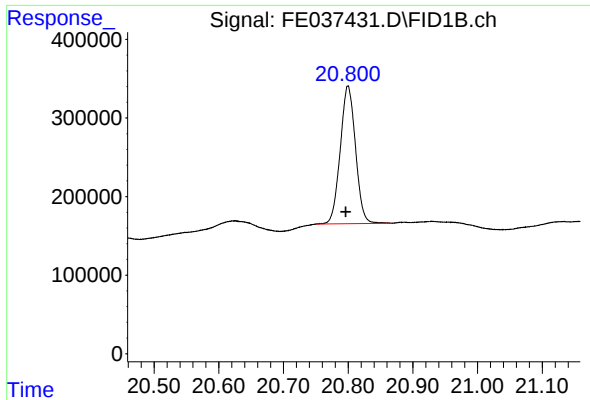
#19 n-Tetratriacontane (C34)

R.T.: 19.367 min
Delta R.T.: 0.003 min
Response: 2714751
Conc: 21.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.102 min
Delta R.T.: 0.002 min
Response: 2803624
Conc: 21.80 ug/ml



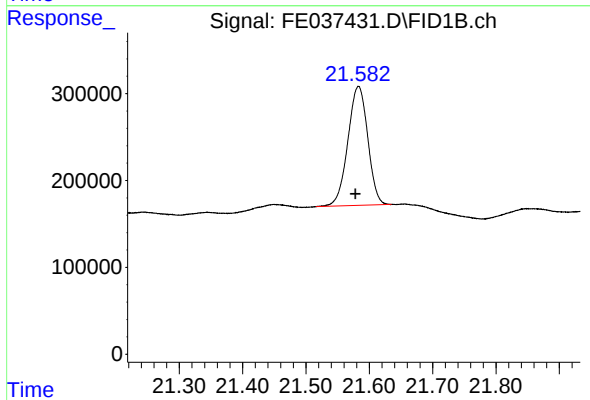
#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.003 min
Response: 2867493
Conc: 23.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: 0.004 min
Response: 2988770
Conc: 23.18 ug/ml m