

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090822AL\
 Data File : FE037474.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2022 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Sep 09 08:20:06 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	3130185	18.523 ug/ml
Spiked Amount 50.000		Recovery =	37.05%
12) S 1-chlorooctadecane (S...	13.067	2416173	18.774 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T n-Nonane (C9)	3.036	2898785	18.946 ug/ml
2) T n-Decane (C10)	4.294	3004415	19.487 ug/ml
3) T A~Naphthalene (C11.7)	6.009	3003327	20.846 ug/ml
4) T n-Dodecane (C12)	6.466	3082700	19.494 ug/ml
5) T A~2-methylnaphthalene...	7.102	2948381	21.118 ug/ml
6) T n-Tetradecane (C14)	9.886	3063631	19.335 ug/ml
7) T n-Hexadecane (C16)	9.886	3063631	19.335 ug/ml
8) T n-Octadecane (C18)	11.322	3030821	19.033 ug/ml
10) T n-Eicosane (C20)	12.624	2954296	18.672 ug/ml
11) T n-Heneicosane (C21)	13.233	2908916	18.447 ug/ml
13) T n-Docosane (C22)	13.816	2866720	18.415 ug/ml
14) T n-Tetracosane (C24)	14.915	2764010	18.377 ug/ml
15) T n-Hexacosane (C26)	15.930	2689544	18.574 ug/ml
16) T n-Octacosane (C28)	16.877	2666965	19.251 ug/ml
17) T n-Tricontane (C30)	17.760	2845643	20.919 ug/ml
18) T n-Dotriacontane (C32)	18.588	2950414	22.095 ug/mlm
19) T n-Tetratriacontane (C34)	19.369	2843438	22.473 ug/ml
20) T n-Hexatriacontane (C36)	20.105	2845843	22.127 ug/mlm
21) T n-Octatriacontane (C38)	20.804	2969206	23.857 ug/ml
22) T n-Tetracontane (C40)	21.588	2864880	22.223 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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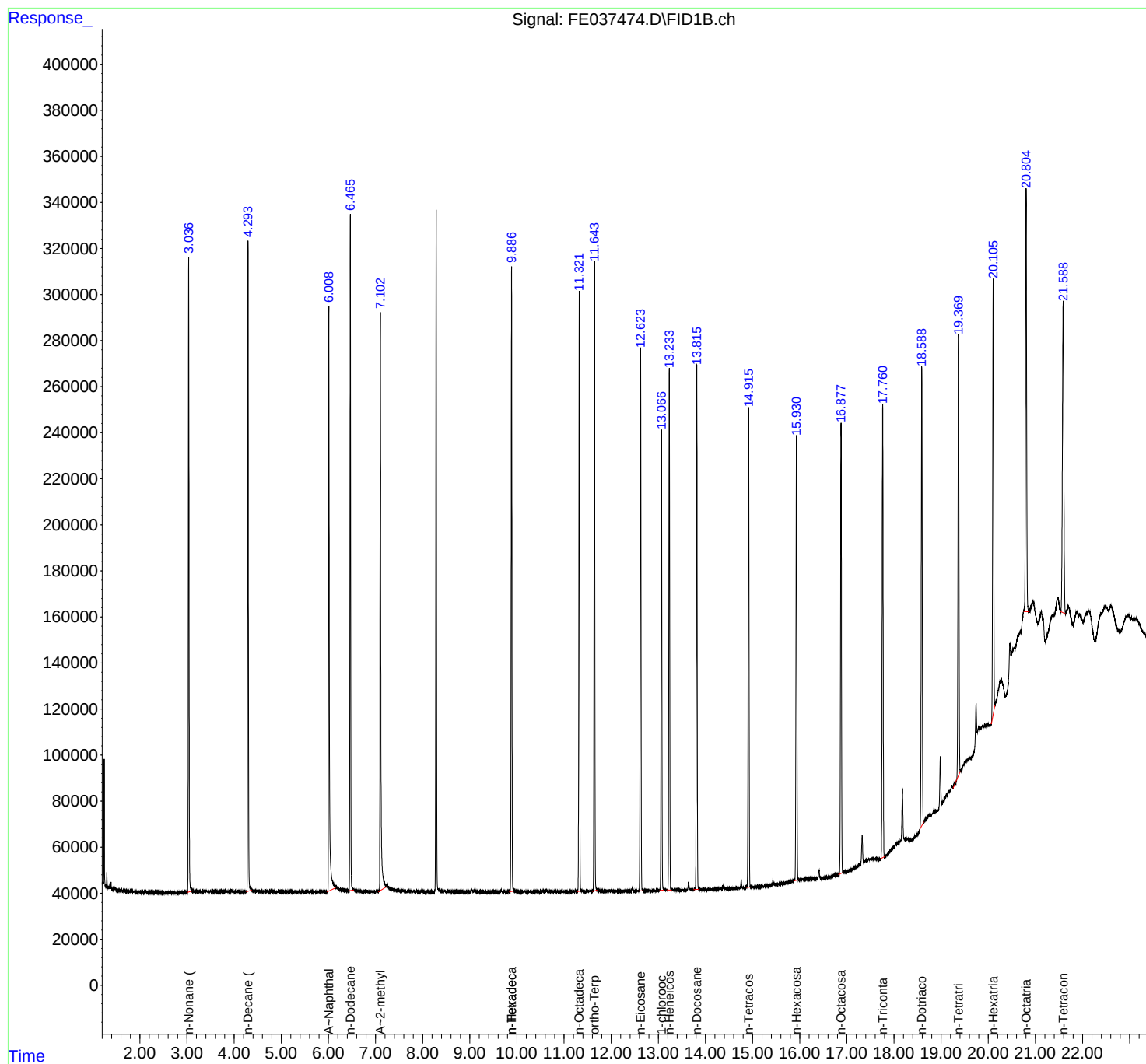
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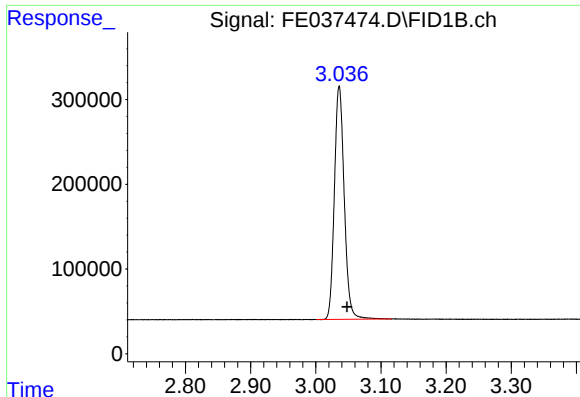
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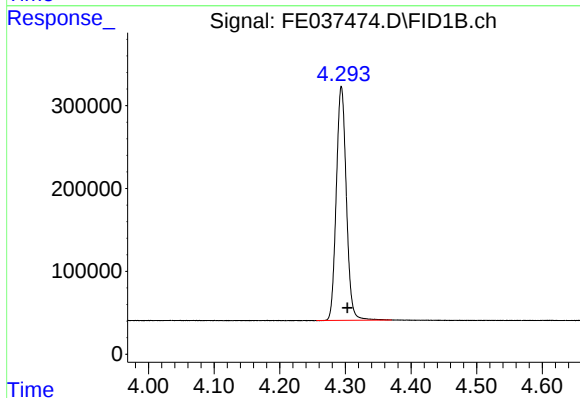
#1 n-Nonane (C9)

R.T.: 3.036 min
Delta R.T.: -0.012 min
Response: 2898785
Conc: 18.95 ug/ml

Instrument :
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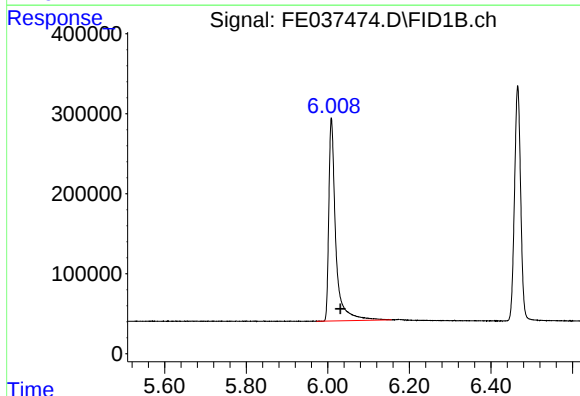
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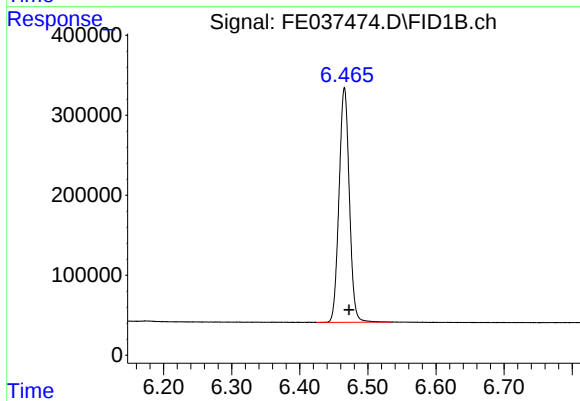
#2 n-Decane (C10)

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 3004415
Conc: 19.49 ug/ml



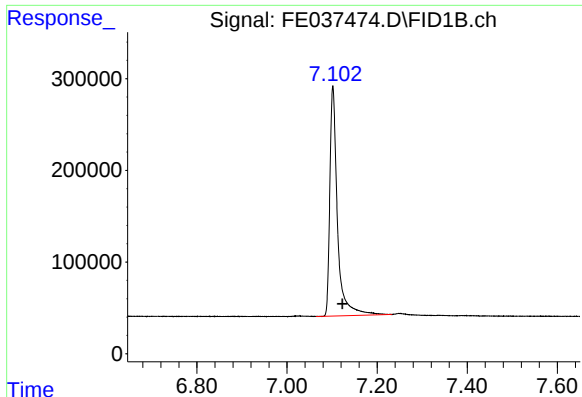
#3 A~Naphthalene (C11.7)

R.T.: 6.009 min
Delta R.T.: -0.022 min
Response: 3003327
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 3082700
Conc: 19.49 ug/ml



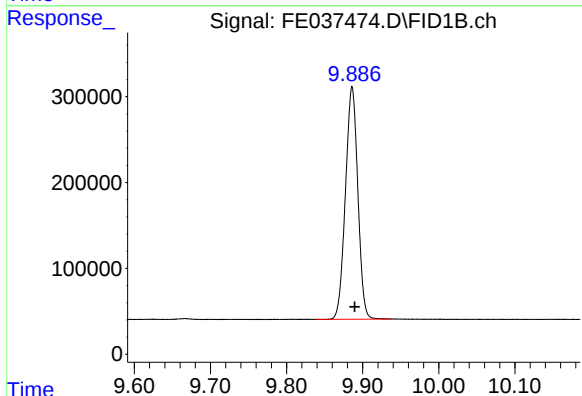
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.102 min
Delta R.T.: -0.021 min
Response: 2948381
Conc: 21.12 ug/ml

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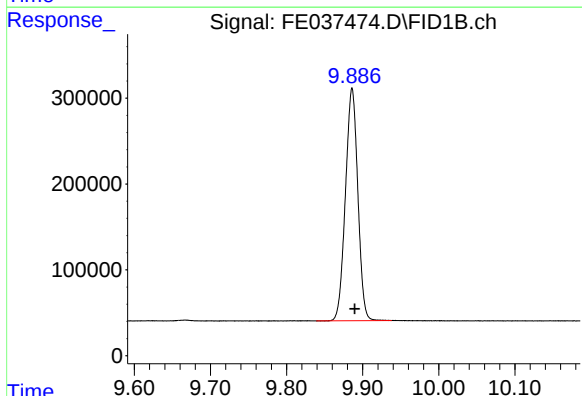
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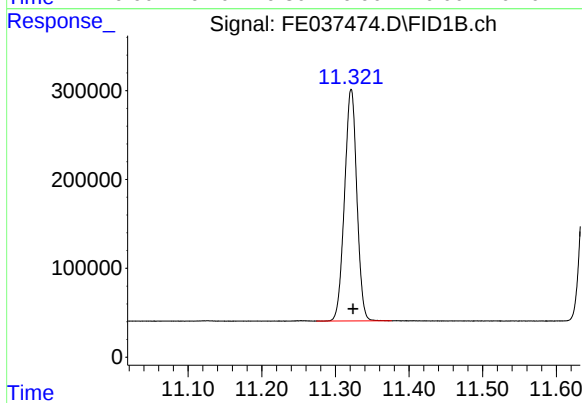
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 3063631
Conc: 19.33 ug/ml



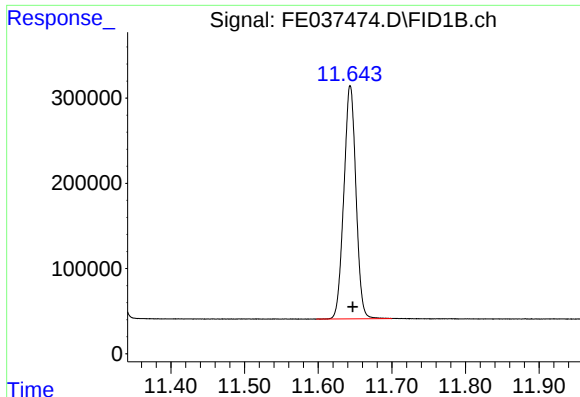
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.004 min
Response: 3063631
Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.322 min
Delta R.T.: -0.003 min
Response: 3030821
Conc: 19.03 ug/ml



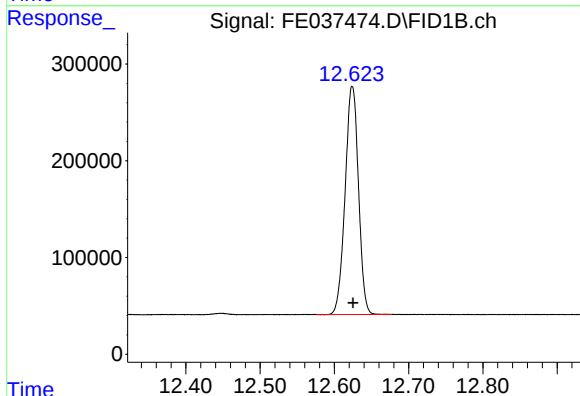
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.003 min
Response: 3130185
Conc: 18.52 ug/ml

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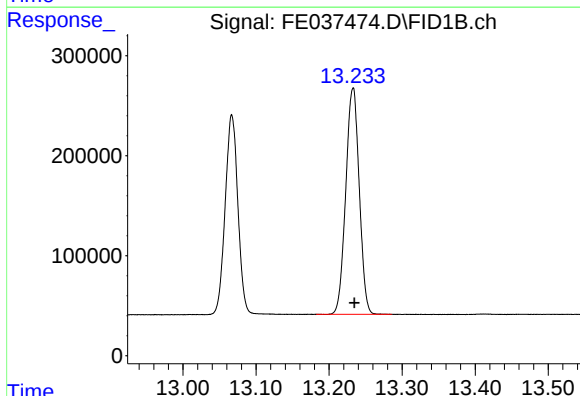
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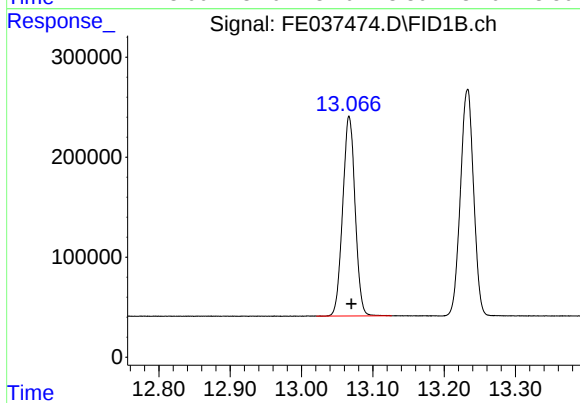
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.001 min
Response: 2954296
Conc: 18.67 ug/ml



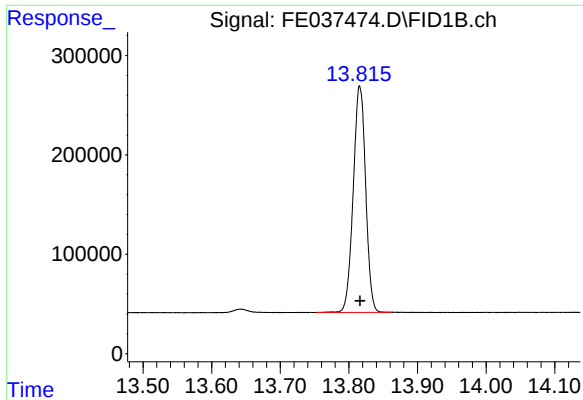
#11 n-Heneicosane (C21)

R.T.: 13.233 min
Delta R.T.: -0.002 min
Response: 2908916
Conc: 18.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.067 min
Delta R.T.: -0.003 min
Response: 2416173
Conc: 18.77 ug/ml



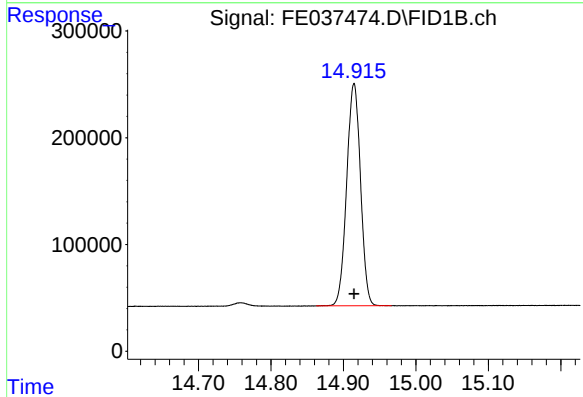
#13 n-Docosane (C22)

R.T.: 13.816 min
Delta R.T.: 0.000 min
Response: 2866720
Conc: 18.42 ug/ml

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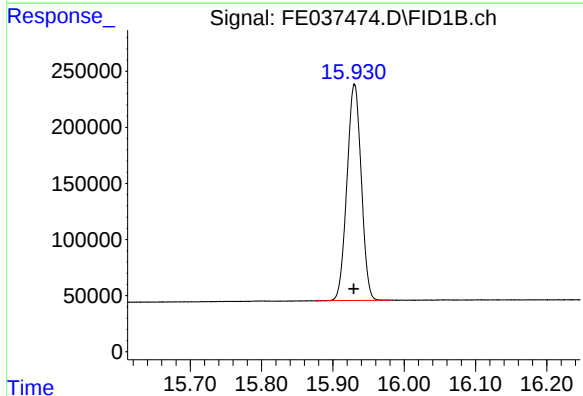
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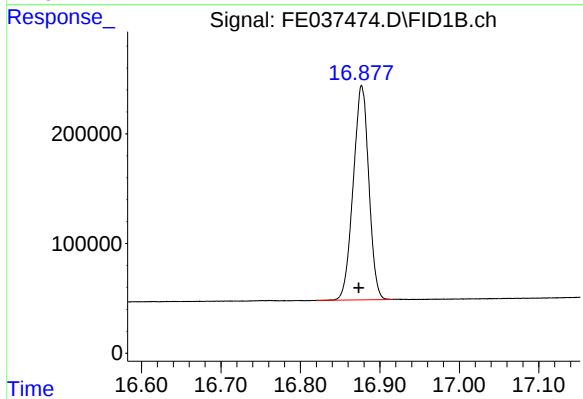
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.000 min
Response: 2764010
Conc: 18.38 ug/ml



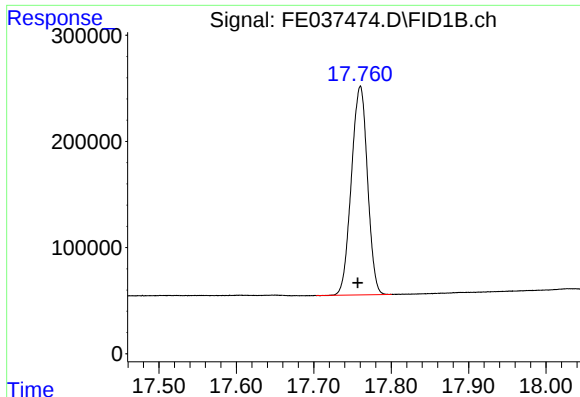
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: 0.000 min
Response: 2689544
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.877 min
Delta R.T.: 0.004 min
Response: 2666965
Conc: 19.25 ug/ml



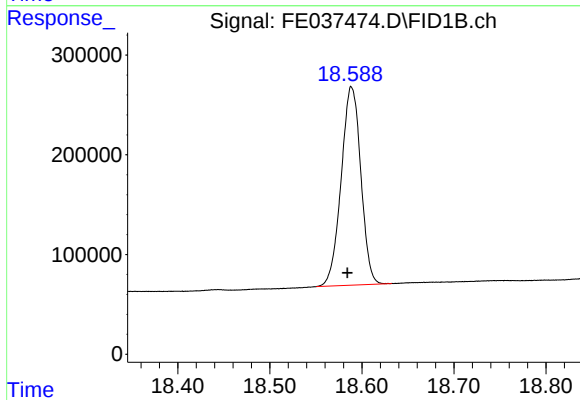
#17 n-Tricontane (C30)

R.T.: 17.760 min
Delta R.T.: 0.003 min
Response: 2845643
Conc: 20.92 ug/ml

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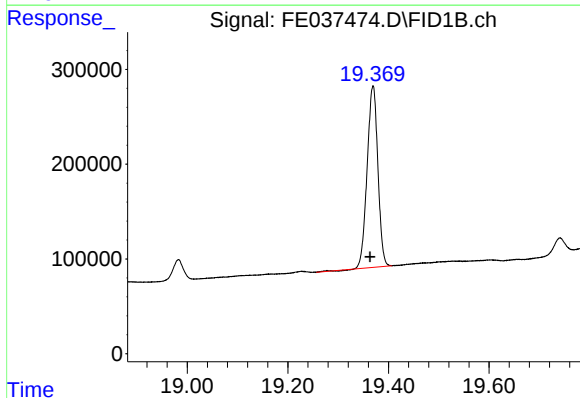
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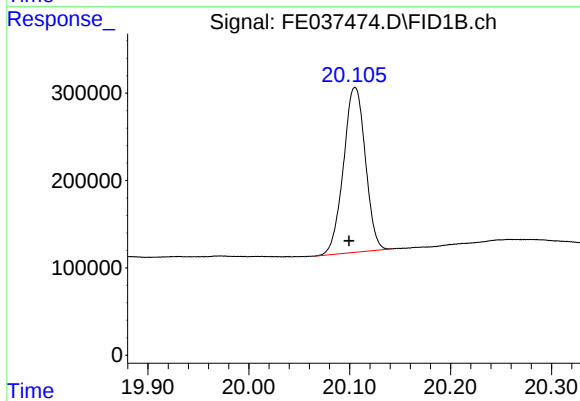
#18 n-Dotriacontane (C32)

R.T.: 18.588 min
Delta R.T.: 0.003 min
Response: 2950414
Conc: 22.10 ug/ml m



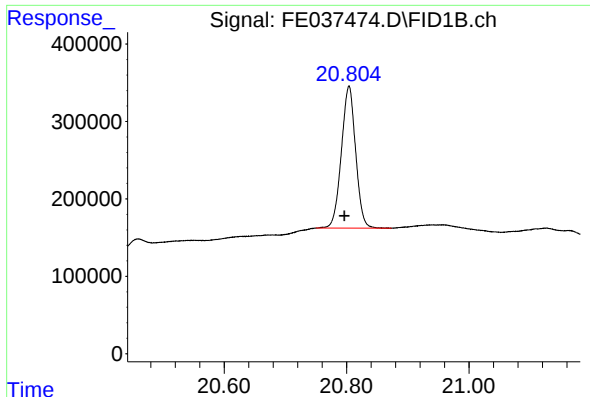
#19 n-Tetratriacontane (C34)

R.T.: 19.369 min
Delta R.T.: 0.006 min
Response: 2843438
Conc: 22.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.105 min
Delta R.T.: 0.005 min
Response: 2845843
Conc: 22.13 ug/ml m



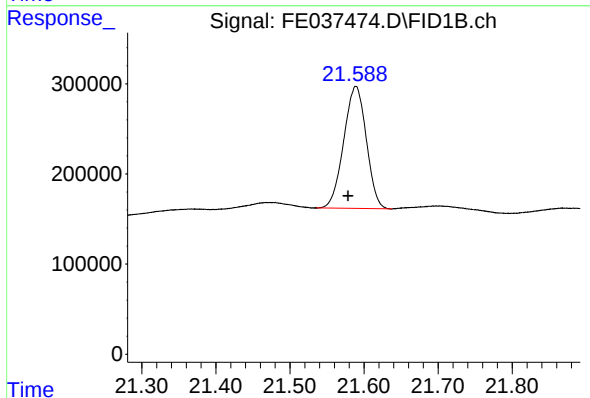
#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.008 min
Response: 2969206
Conc: 23.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.588 min
Delta R.T.: 0.010 min
Response: 2864880
Conc: 22.22 ug/ml m