

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037804.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2022 01:38
 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 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 02:02:17 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)	11.618	3258921	19.284 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
12) S 1-chlorooctadecane (S...	13.041	2512567	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T n-Nonane (C9)	3.010	2939835	19.214 ug/mlm
2) T n-Decane (C10)	4.269	3079082	19.971 ug/ml
3) T A~Naphthalene (C11.7)	5.986	2973415	20.639 ug/ml
4) T n-Dodecane (C12)	6.442	3158075	19.971 ug/ml
5) T A~2-methylnaphthalene...	7.079	2916236	20.888 ug/mlm
6) T n-Tetradecane (C14)	9.860	3178767	20.061 ug/ml
7) T n-Hexadecane (C16)	9.860	3178767	20.061 ug/ml
8) T n-Octadecane (C18)	11.295	3153325	19.802 ug/ml
10) T n-Eicosane (C20)	12.597	3074862	19.434 ug/ml
11) T n-Heneicosane (C21)	13.206	3028782	19.207 ug/ml
13) T n-Docosane (C22)	13.790	2983063	19.163 ug/ml
14) T n-Tetracosane (C24)	14.886	2893792	19.240 ug/ml
15) T n-Hexacosane (C26)	15.901	2809457	19.402 ug/ml
16) T n-Octacosane (C28)	16.845	2783560	20.092 ug/ml
17) T n-Tricontane (C30)	17.728	2896229	21.291 ug/ml
18) T n-Dotriacontane (C32)	18.557	2959478	22.163 ug/mlm
19) T n-Tetratriacontane (C34)	19.336	2805104	22.170 ug/mlm
20) T n-Hexatriacontane (C36)	20.072	2698541	20.982 ug/mlm
21) T n-Octatriacontane (C38)	20.769	2531251	20.338 ug/ml
22) T n-Tetracontane (C40)	21.541	2352360	18.247 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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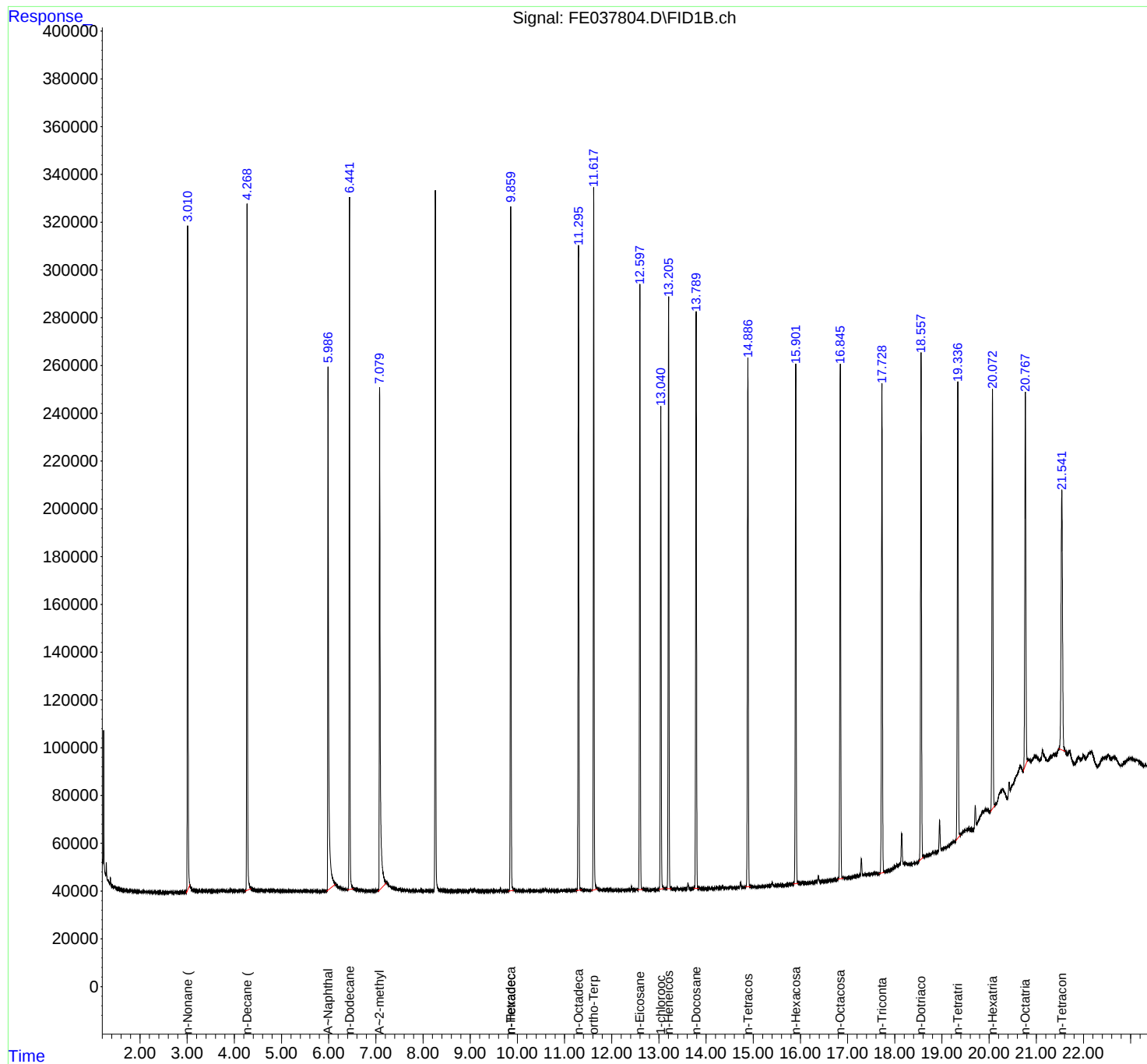
Instrument :
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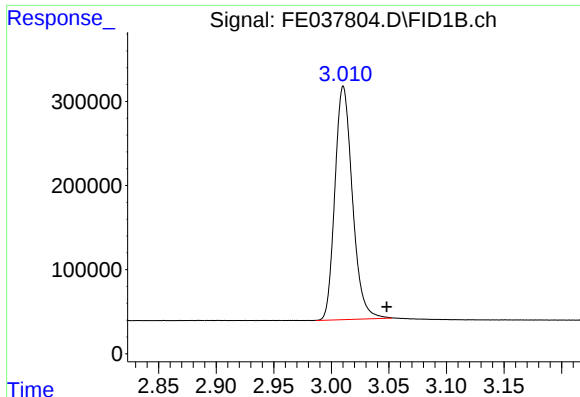
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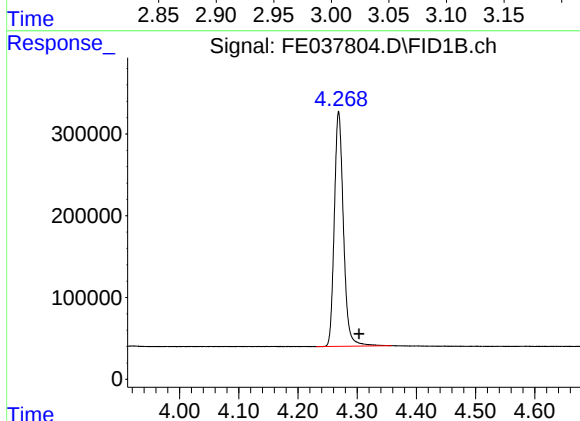
#1 n-Nonane (C9)

R.T.: 3.010 min
Delta R.T.: -0.038 min
Response: 2939835
Conc: 19.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD

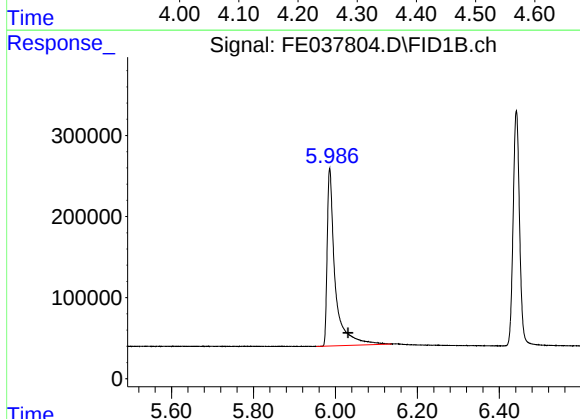
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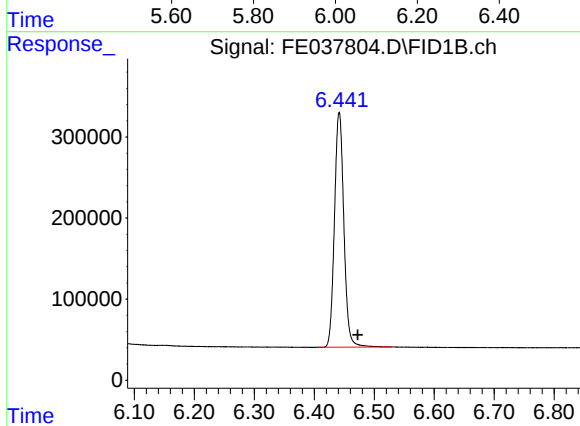
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.035 min
Response: 3079082
Conc: 19.97 ug/ml



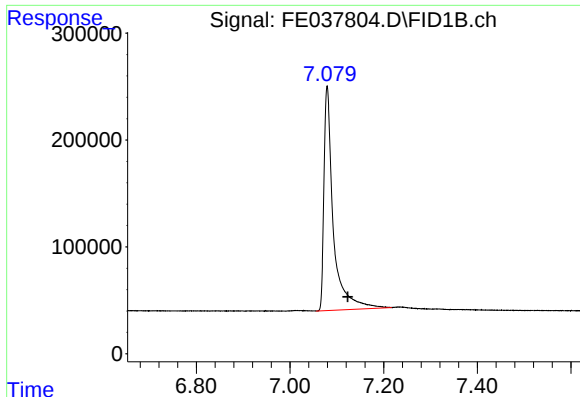
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.044 min
Response: 2973415
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.031 min
Response: 3158075
Conc: 19.97 ug/ml



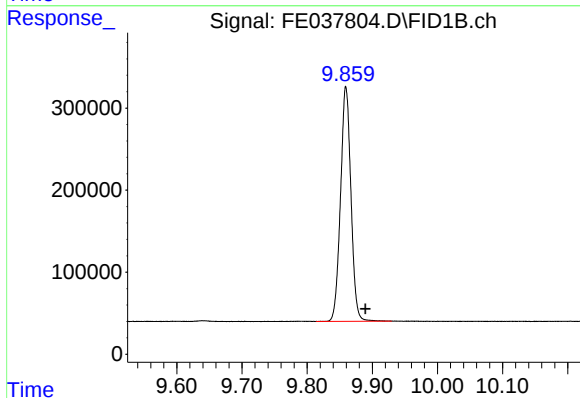
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.079 min
Delta R.T.: -0.044 min
Response: 2916236
Conc: 20.89 ug/ml

Instrument :
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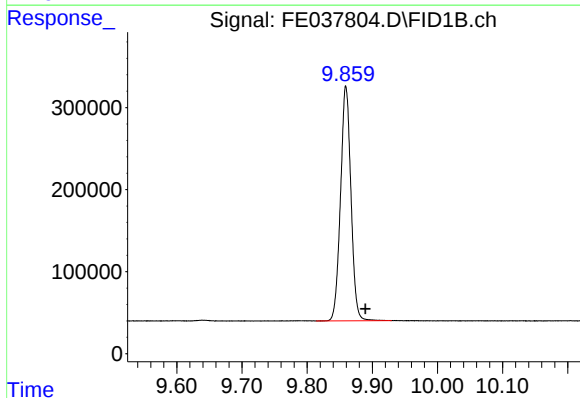
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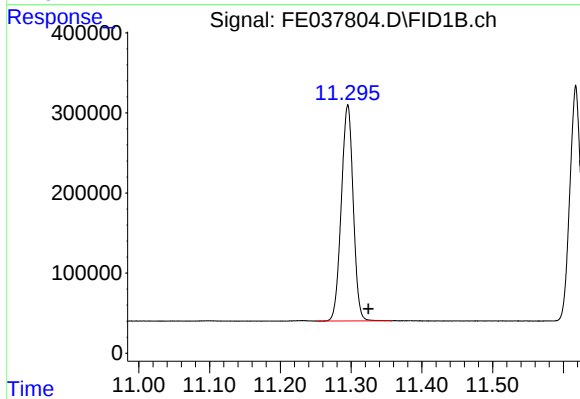
#6 n-Tetradecane (C14)

R.T.: 9.860 min
Delta R.T.: -0.030 min
Response: 3178767
Conc: 20.06 ug/ml



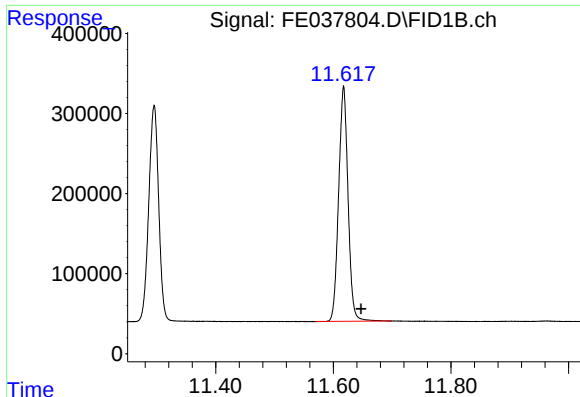
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.030 min
Response: 3178767
Conc: 20.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.295 min
Delta R.T.: -0.029 min
Response: 3153325
Conc: 19.80 ug/ml



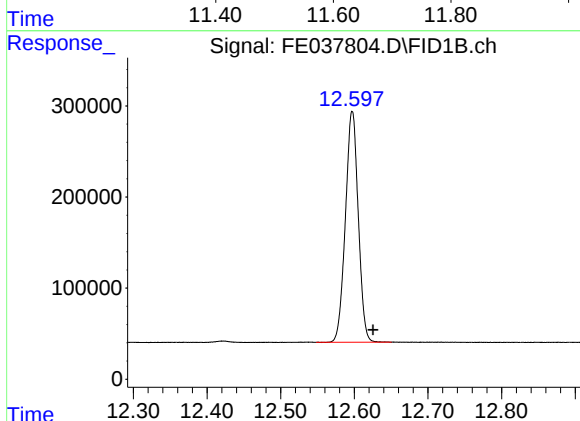
#9 ortho-Terphenyl (SURR)

R.T.: 11.618 min
Delta R.T.: -0.029 min
Response: 3258921
Conc: 19.28 ug/ml

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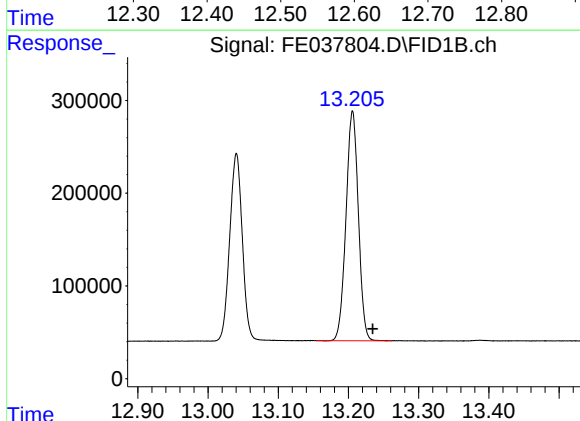
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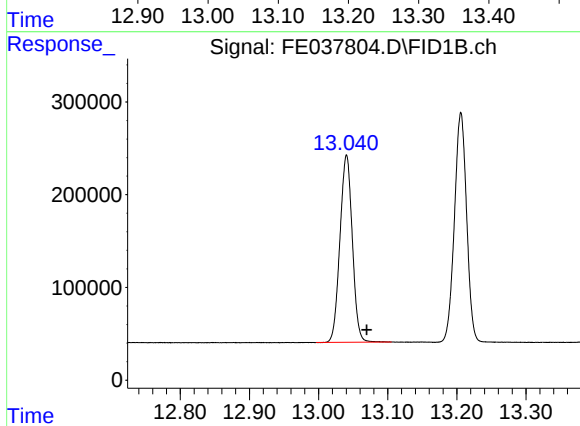
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.028 min
Response: 3074862
Conc: 19.43 ug/ml



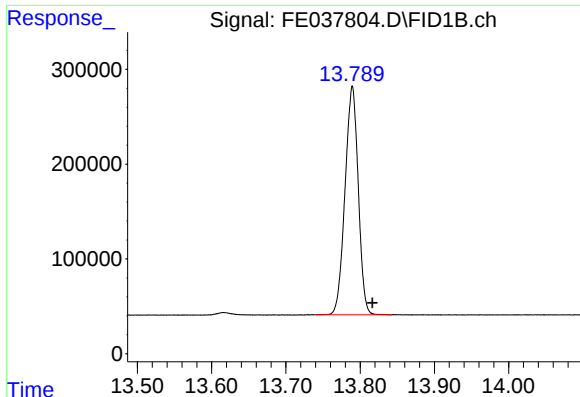
#11 n-Heneicosane (C21)

R.T.: 13.206 min
Delta R.T.: -0.029 min
Response: 3028782
Conc: 19.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.041 min
Delta R.T.: -0.029 min
Response: 2512567
Conc: 19.52 ug/ml



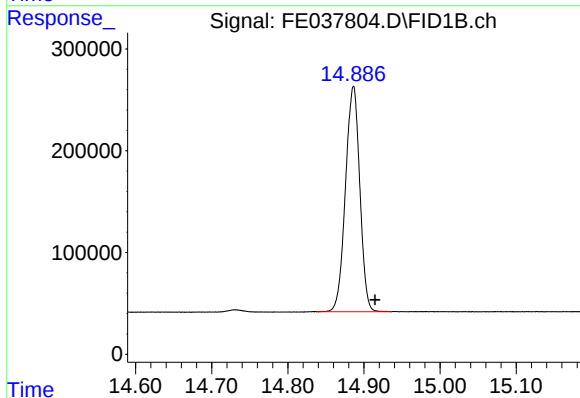
#13 n-Docosane (C22)

R.T.: 13.790 min
Delta R.T.: -0.027 min
Response: 2983063
Conc: 19.16 ug/ml

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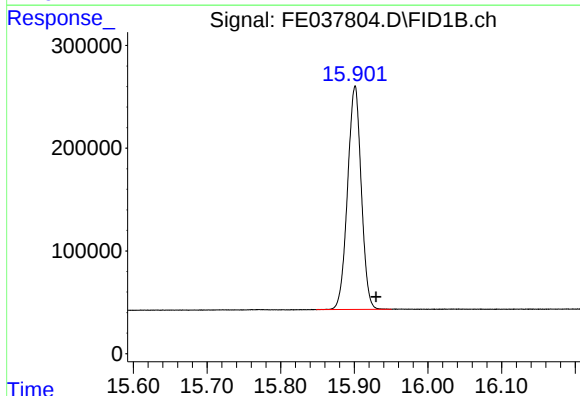
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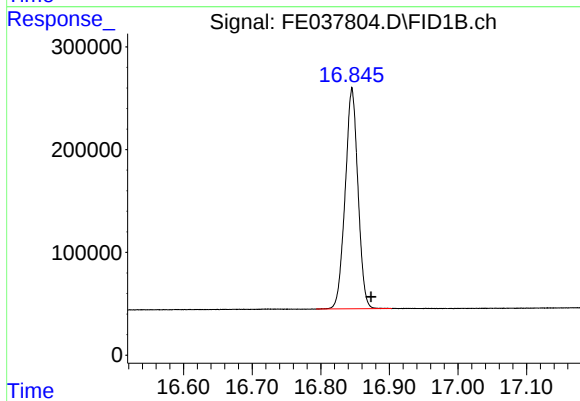
#14 n-Tetracosane (C24)

R.T.: 14.886 min
Delta R.T.: -0.028 min
Response: 2893792
Conc: 19.24 ug/ml



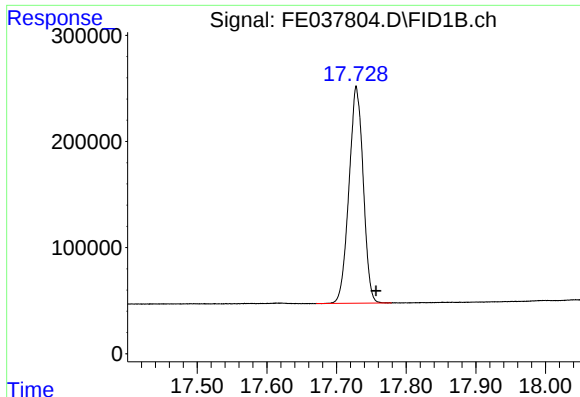
#15 n-Hexacosane (C26)

R.T.: 15.901 min
Delta R.T.: -0.028 min
Response: 2809457
Conc: 19.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: -0.028 min
Response: 2783560
Conc: 20.09 ug/ml



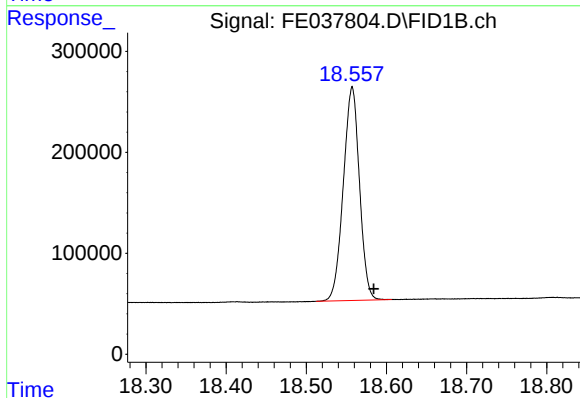
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: -0.028 min
Response: 2896229
Conc: 21.29 ug/ml

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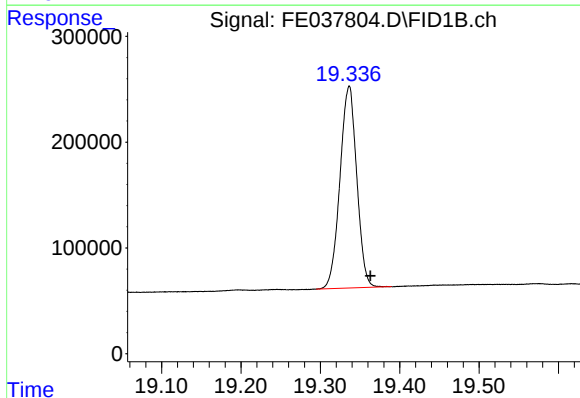
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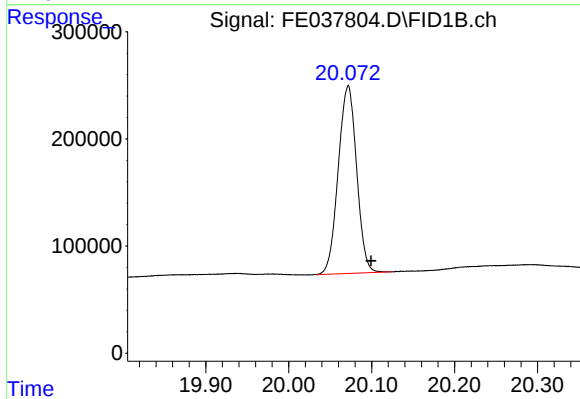
#18 n-Dotriacontane (C32)

R.T.: 18.557 min
Delta R.T.: -0.027 min
Response: 2959478
Conc: 22.16 ug/ml m



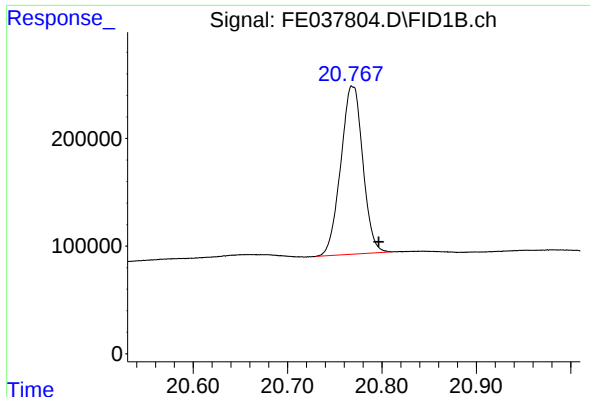
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: -0.027 min
Response: 2805104
Conc: 22.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: -0.028 min
Response: 2698541
Conc: 20.98 ug/ml m



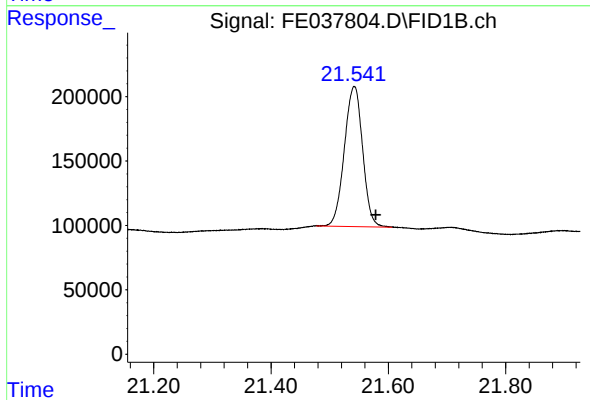
#21 n-Octatriacontane (C38)

R.T.: 20.769 min
Delta R.T.: -0.028 min
Response: 2531251
Conc: 20.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.541 min
Delta R.T.: -0.037 min
Response: 2352360
Conc: 18.25 ug/ml m