

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037377.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 11:52
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:18:45 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)	11.640	3198621	18.928 ug/ml
Spiked Amount 50.000		Recovery =	37.86%
12) S 1-chlorooctadecane (S...	13.061	2423989	18.835 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.039	3005601	19.644 ug/ml
2) T n-Decane (C10)	4.295	3047279	19.765 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2917630	20.251 ug/ml
4) T n-Dodecane (C12)	6.465	3131860	19.805 ug/ml
5) T A~2-methylnaphthalene...	7.106	2626056	18.809 ug/ml
6) T n-Tetradecane (C14)	9.882	3086023	19.476 ug/ml
7) T n-Hexadecane (C16)	9.882	3086023	19.476 ug/ml
8) T n-Octadecane (C18)	11.317	3063291	19.237 ug/ml
10) T n-Eicosane (C20)	12.618	3007183	19.006 ug/ml
11) T n-Heneicosane (C21)	13.228	2977276	18.881 ug/ml
13) T n-Docosane (C22)	13.810	2919629	18.755 ug/ml
14) T n-Tetracosane (C24)	14.907	2811303	18.692 ug/ml
15) T n-Hexacosane (C26)	15.922	2695728	18.616 ug/ml
16) T n-Octacosane (C28)	16.866	2618573	18.901 ug/ml
17) T n-Tricontane (C30)	17.748	2659517	19.551 ug/ml
18) T n-Dotriacontane (C32)	18.575	2679858	20.069 ug/ml
19) T n-Tetratriacontane (C34)	19.354	2587071	20.447 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2634746	20.486 ug/mlm
21) T n-Octatriacontane (C38)	20.789	2523142	20.273 ug/ml
22) T n-Tetracontane (C40)	21.568	2573126	19.960 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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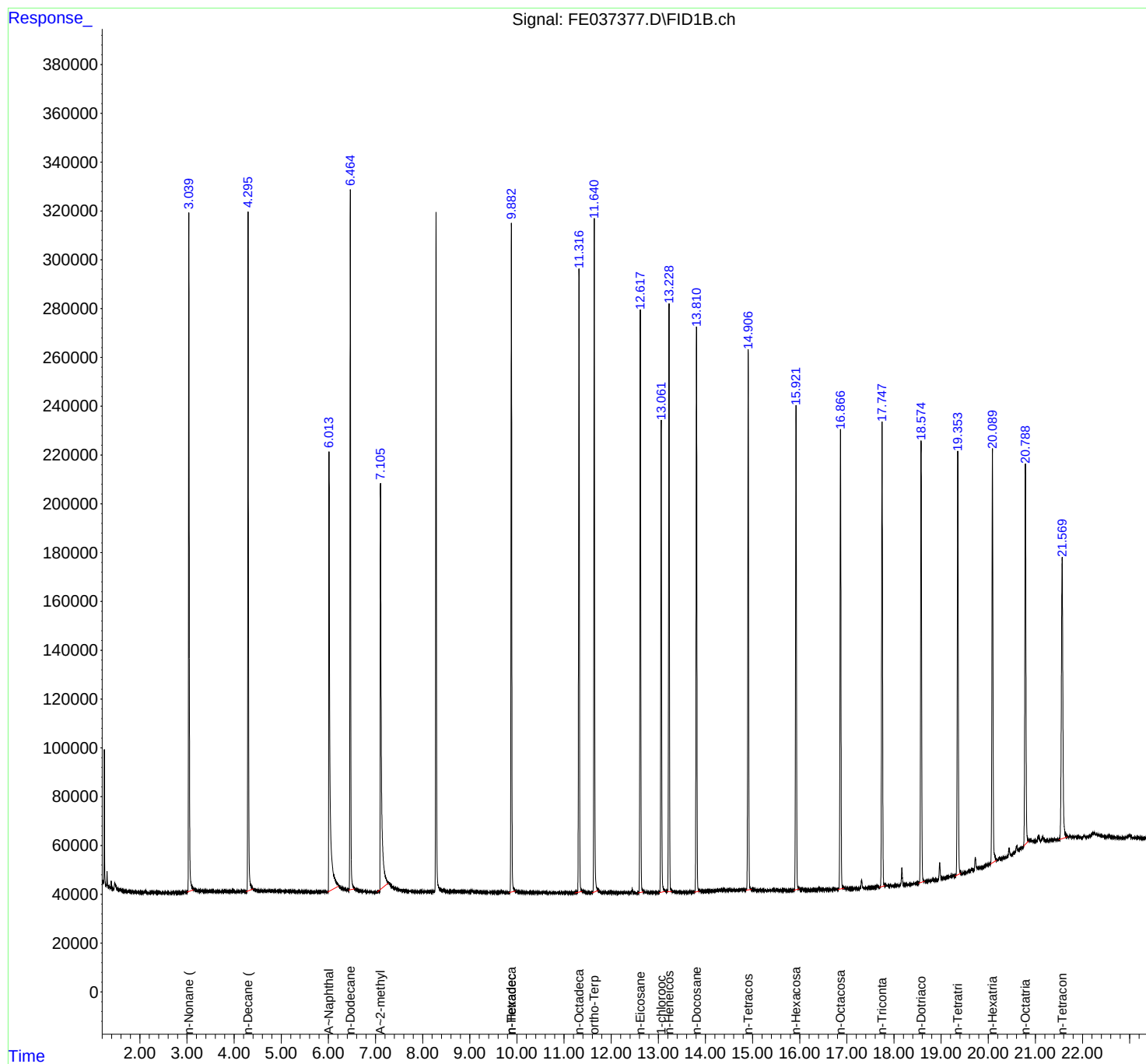
Instrument :
FID_E
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20 PPM ALIPHATIC HC STD

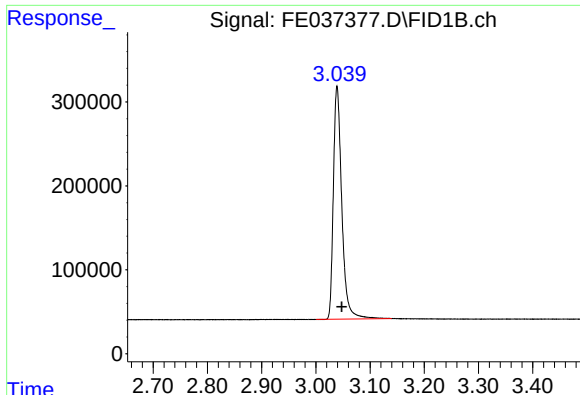
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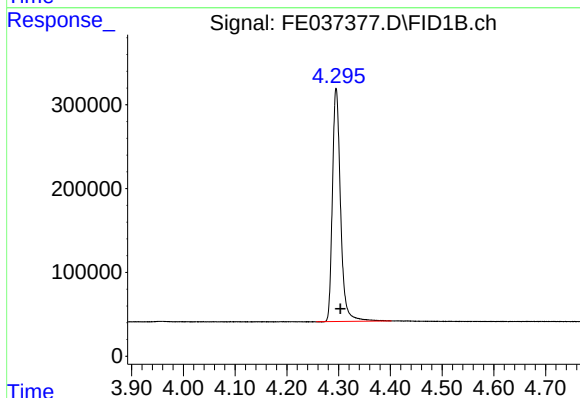
#1 n-Nonane (C9)

R.T.: 3.039 min
Delta R.T.: -0.009 min
Response: 3005601
Conc: 19.64 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

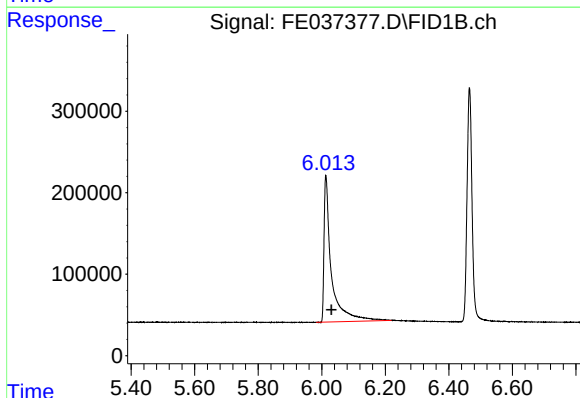
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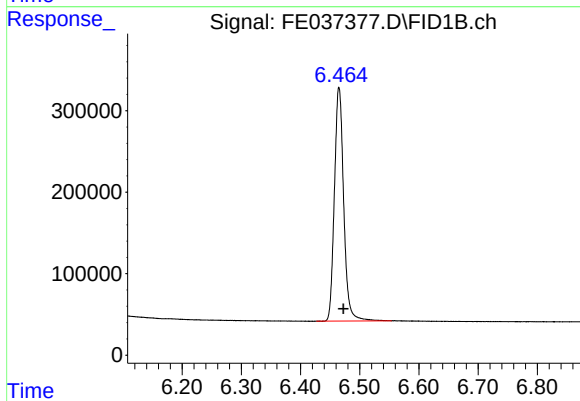
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 3047279
Conc: 19.76 ug/ml



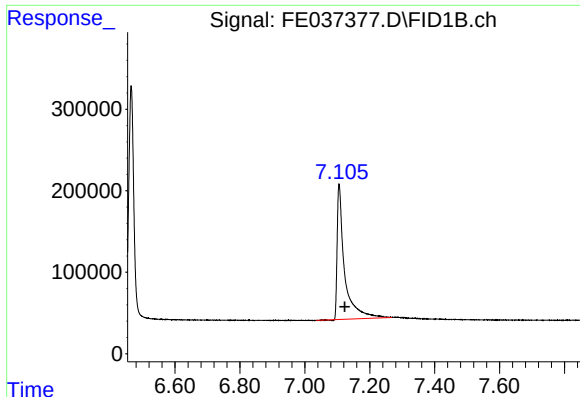
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.017 min
Response: 2917630
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.007 min
Response: 3131860
Conc: 19.81 ug/ml



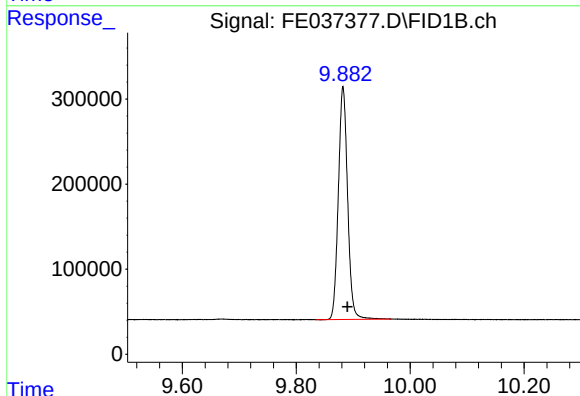
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.018 min
Response: 2626056
Conc: 18.81 ug/ml

Instrument :
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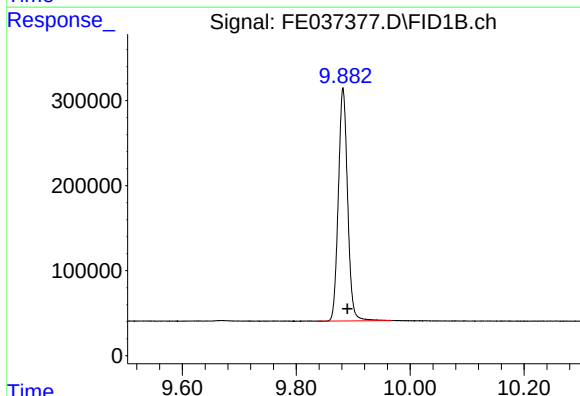
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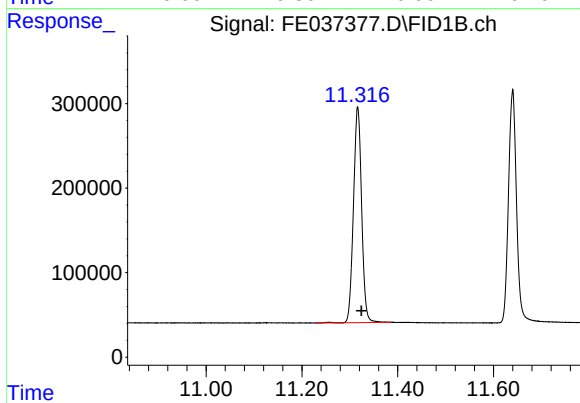
#6 n-Tetradecane (C14)

R.T.: 9.882 min
Delta R.T.: -0.008 min
Response: 3086023
Conc: 19.48 ug/ml



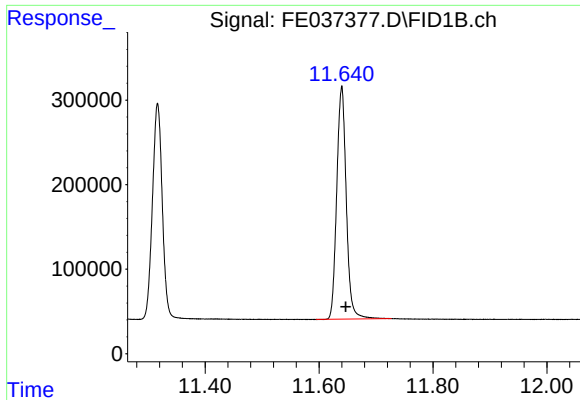
#7 n-Hexadecane (C16)

R.T.: 9.882 min
Delta R.T.: -0.008 min
Response: 3086023
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.008 min
Response: 3063291
Conc: 19.24 ug/ml



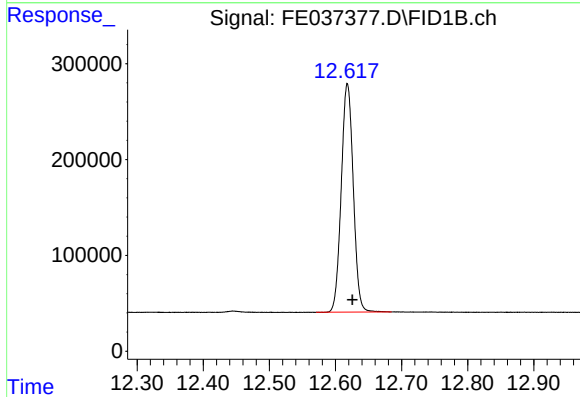
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 3198621
Conc: 18.93 ug/ml

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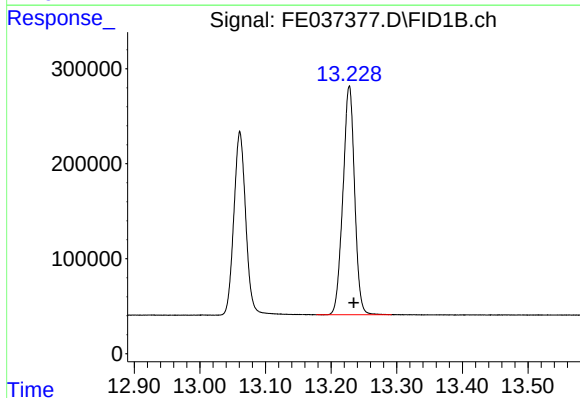
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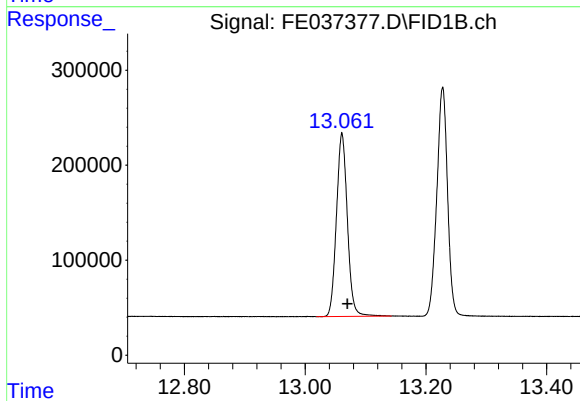
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: -0.007 min
Response: 3007183
Conc: 19.01 ug/ml



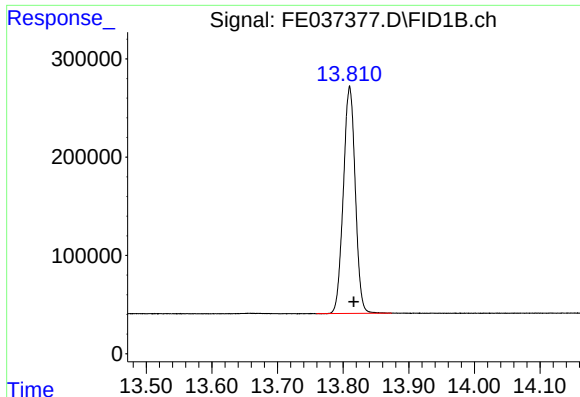
#11 n-Heneicosane (C21)

R.T.: 13.228 min
Delta R.T.: -0.007 min
Response: 2977276
Conc: 18.88 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.009 min
Response: 2423989
Conc: 18.83 ug/ml



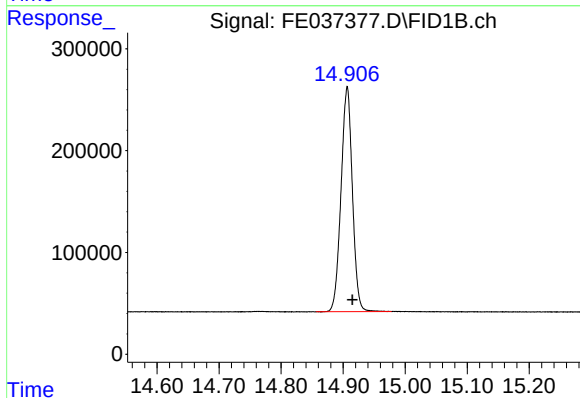
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.006 min
Response: 2919629
Conc: 18.76 ug/ml

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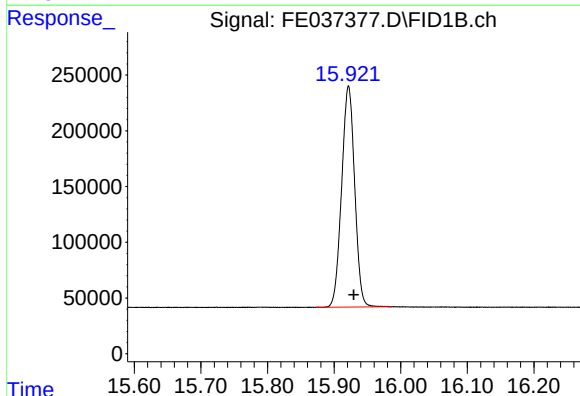
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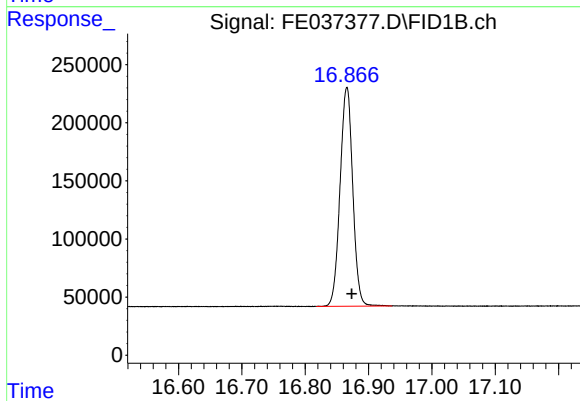
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.008 min
Response: 2811303
Conc: 18.69 ug/ml



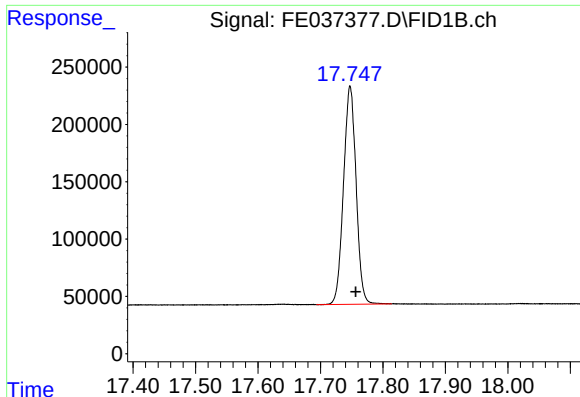
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: -0.008 min
Response: 2695728
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.008 min
Response: 2618573
Conc: 18.90 ug/ml



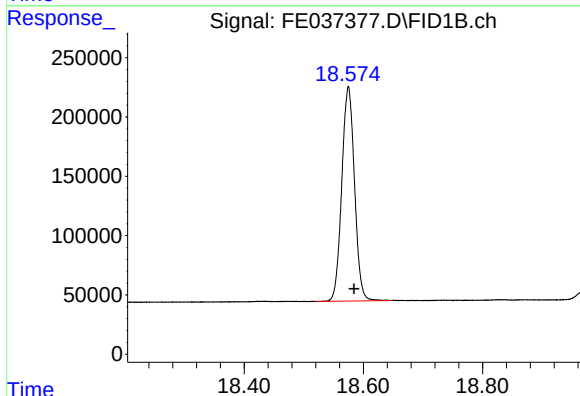
#17 n-Tricontane (C30)

R.T.: 17.748 min
Delta R.T.: -0.009 min
Response: 2659517
Conc: 19.55 ug/ml

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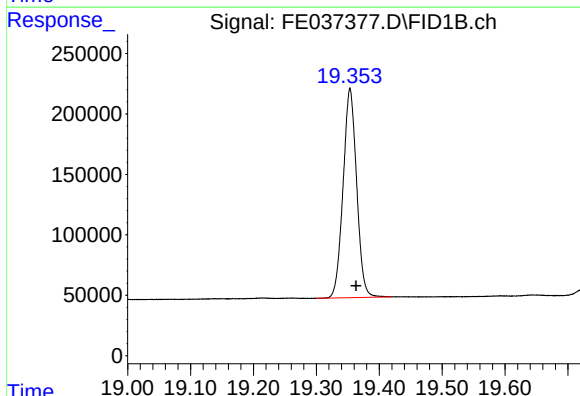
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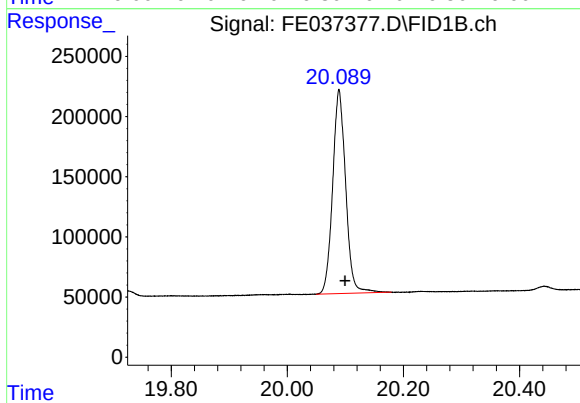
#18 n-Dotriacontane (C32)

R.T.: 18.575 min
Delta R.T.: -0.009 min
Response: 2679858
Conc: 20.07 ug/ml



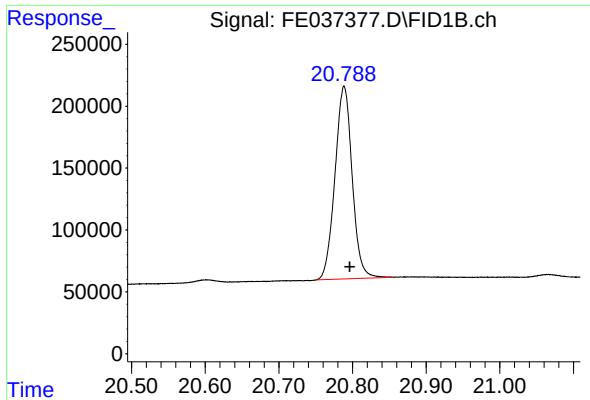
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.010 min
Response: 2587071
Conc: 20.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.011 min
Response: 2634746
Conc: 20.49 ug/ml m



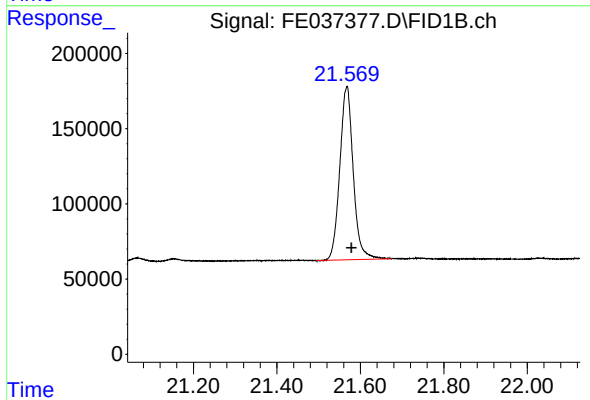
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.008 min
Response: 2523142
Conc: 20.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.010 min
Response: 2573126
Conc: 19.96 ug/ml