

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037222.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 13:25
 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 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e
 Quant Time: Aug 25 01:56:21 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)	11.675	3434064	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
12) S 1-chlorooctadecane (S...	13.094	2664961	19.505 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	3.066	3011839	20.217 ug/ml
2) T n-Decane (C10)	4.322	3033071	20.249 ug/ml
3) T A~Naphthalene (C11.7)	6.044	2942296	20.325 ug/ml
4) T n-Dodecane (C12)	6.492	3113238	20.138 ug/ml
5) T A~2-methylnaphthalene...	7.136	2772028	20.038 ug/ml
6) T n-Tetradecane (C14)	9.911	3150436	20.030 ug/ml
7) T n-Hexadecane (C16)	9.911	3150436	20.030 ug/ml
8) T n-Octadecane (C18)	11.347	3199067	19.850 ug/ml
10) T n-Eicosane (C20)	12.650	3221112	19.563 ug/ml
11) T n-Heneicosane (C21)	13.259	3226369	19.505 ug/ml
13) T n-Docosane (C22)	13.841	3210468	19.326 ug/ml
14) T n-Tetracosane (C24)	14.940	3144887	19.051 ug/ml
15) T n-Hexacosane (C26)	15.954	3051816	18.718 ug/ml
16) T n-Octacosane (C28)	16.900	2926563	18.431 ug/ml
17) T n-Tricontane (C30)	17.782	2843414	18.307 ug/ml
18) T n-Dotriacontane (C32)	18.610	2737993	18.356 ug/ml
19) T n-Tetratriacontane (C34)	19.390	2515441	18.721 ug/ml
20) T n-Hexatriacontane (C36)	20.126	2454233	19.117 ug/ml
21) T n-Octatriacontane (C38)	20.825	2466754	20.548 ug/ml
22) T n-Tetracontane (C40)	21.614	2358588	19.528 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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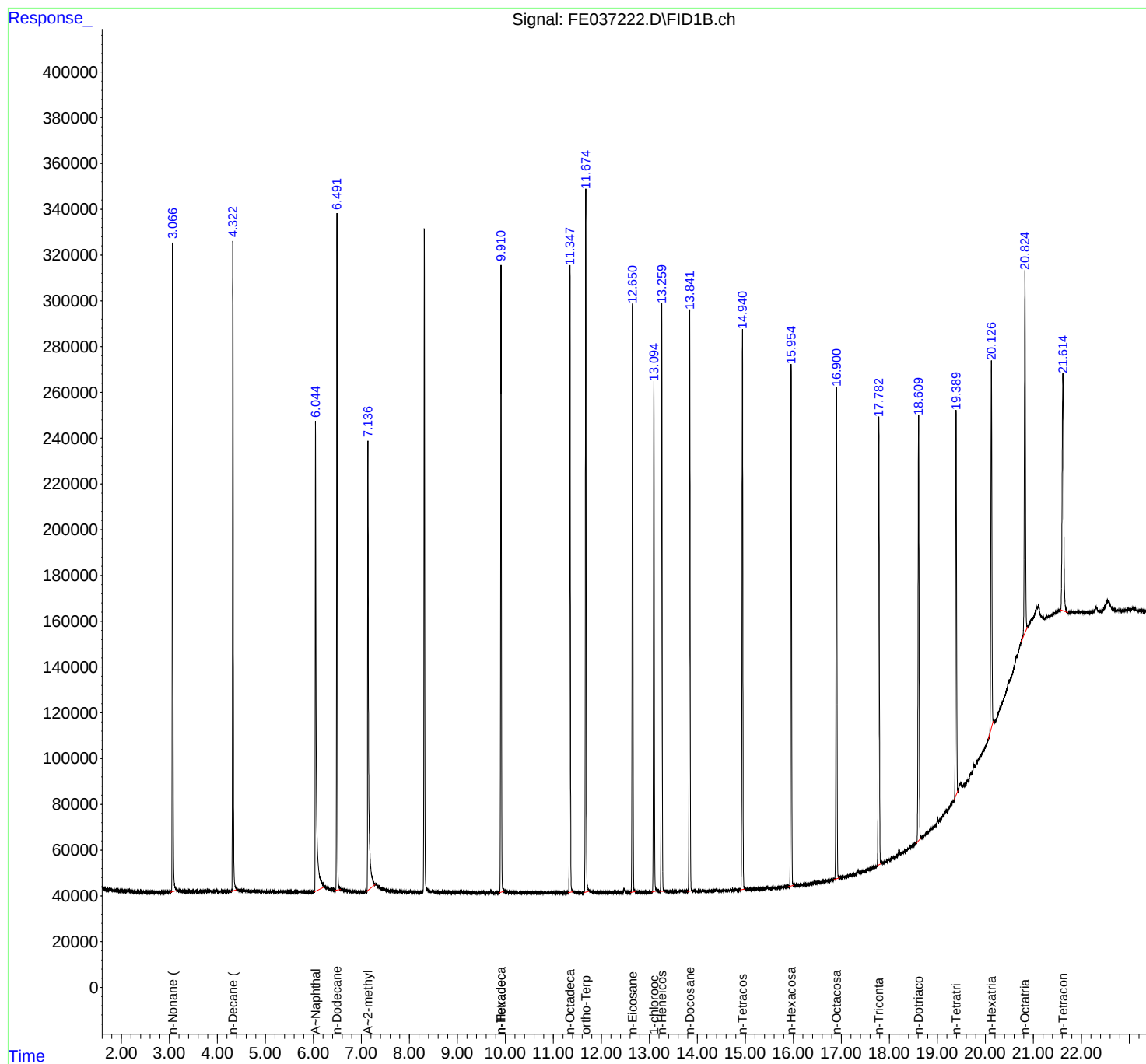
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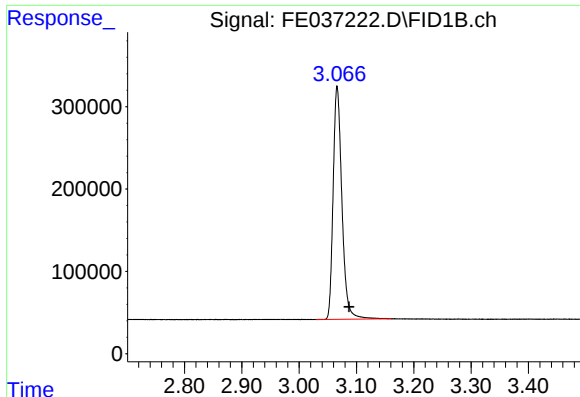
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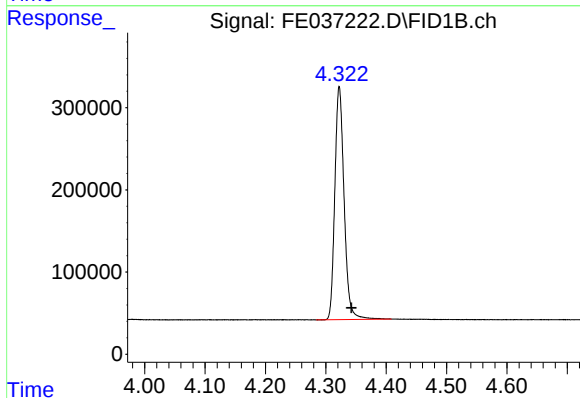
#1 n-Nonane (C9)

R.T.: 3.066 min
Delta R.T.: -0.021 min
Response: 3011839
Conc: 20.22 ug/ml

Instrument :
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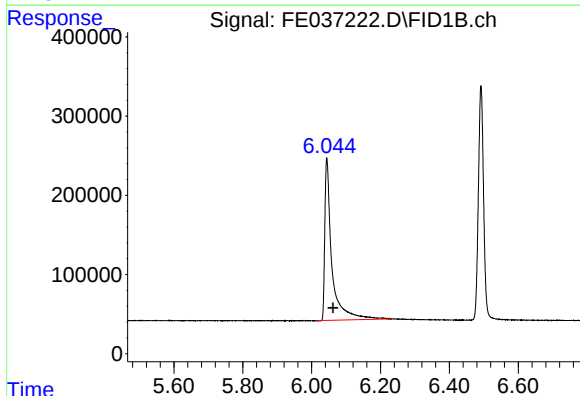
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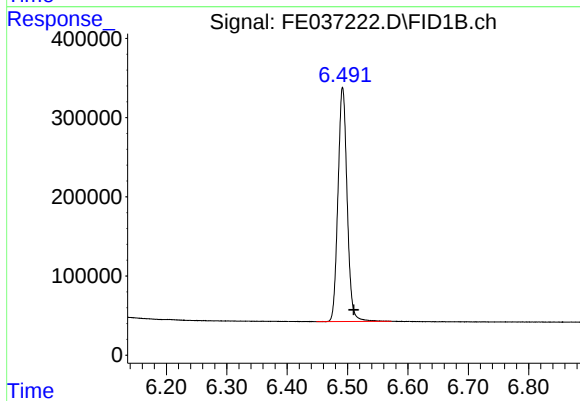
#2 n-Decane (C10)

R.T.: 4.322 min
Delta R.T.: -0.020 min
Response: 3033071
Conc: 20.25 ug/ml



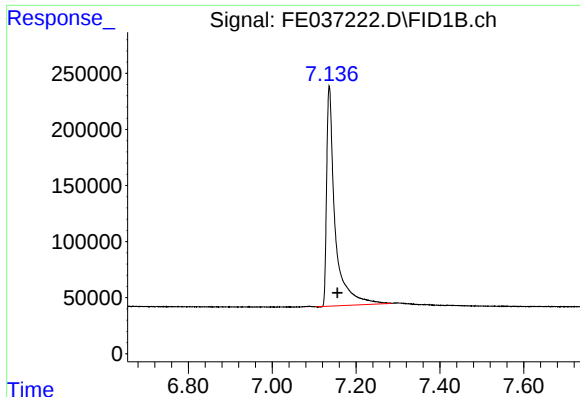
#3 A~Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: -0.019 min
Response: 2942296
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.492 min
Delta R.T.: -0.019 min
Response: 3113238
Conc: 20.14 ug/ml



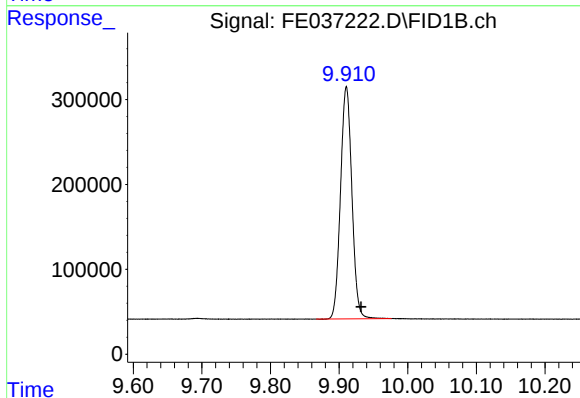
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.020 min
Response: 2772028
Conc: 20.04 ug/ml

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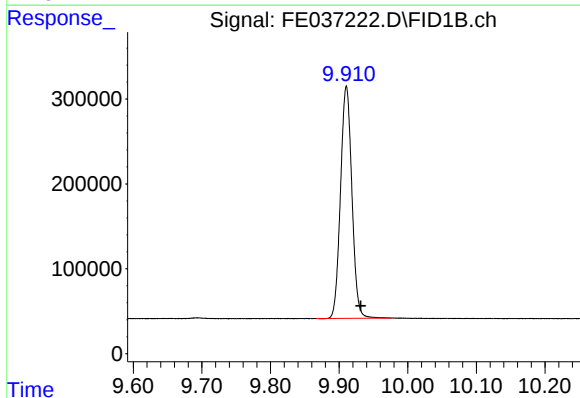
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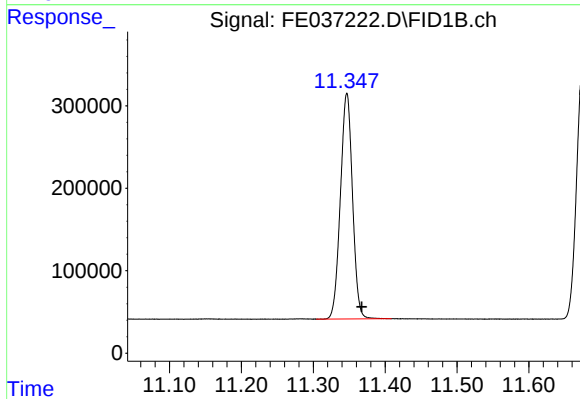
#6 n-Tetradecane (C14)

R.T.: 9.911 min
Delta R.T.: -0.021 min
Response: 3150436
Conc: 20.03 ug/ml



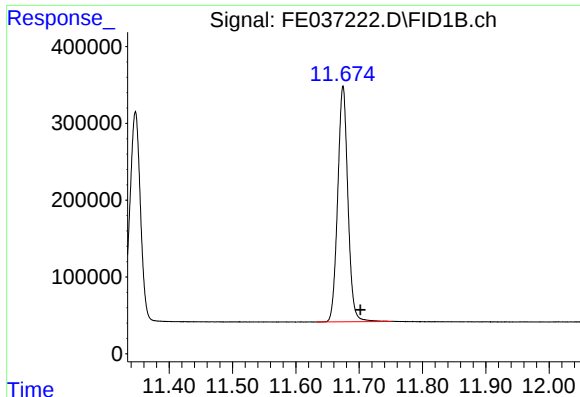
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.021 min
Response: 3150436
Conc: 20.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.021 min
Response: 3199067
Conc: 19.85 ug/ml



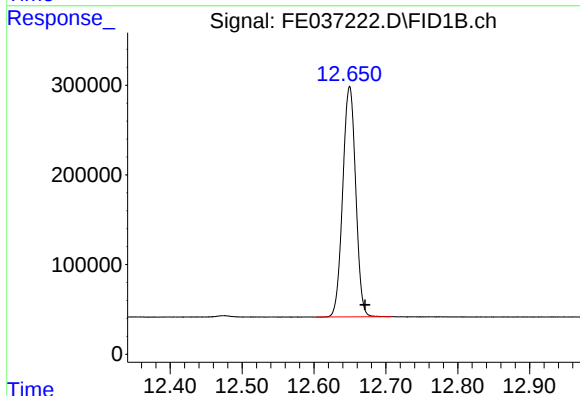
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.027 min
Response: 3434064
Conc: 19.87 ug/ml

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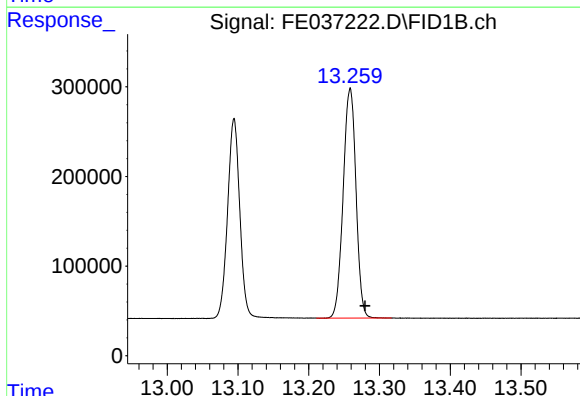
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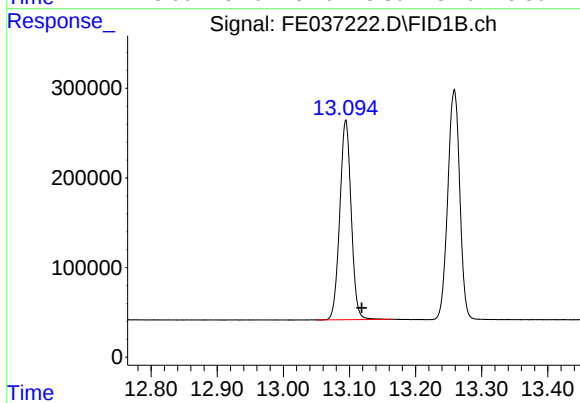
#10 n-Eicosane (C20)

R.T.: 12.650 min
Delta R.T.: -0.021 min
Response: 3221112
Conc: 19.56 ug/ml



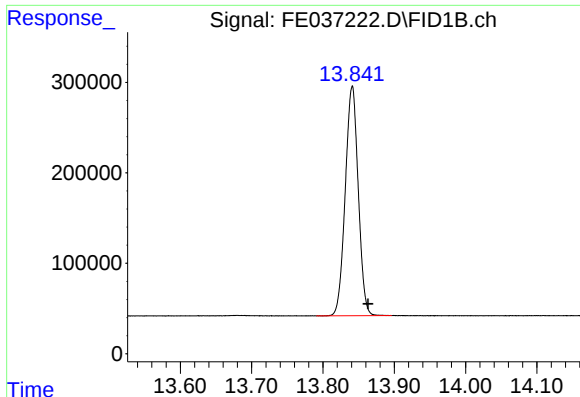
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: -0.021 min
Response: 3226369
Conc: 19.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: -0.024 min
Response: 2664961
Conc: 19.50 ug/ml



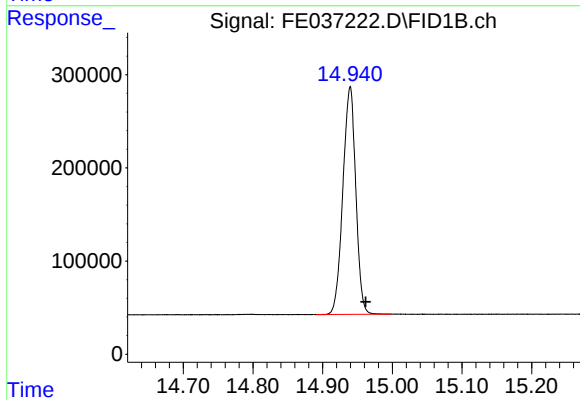
#13 n-Docosane (C22)

R.T.: 13.841 min
Delta R.T.: -0.022 min
Response: 3210468
Conc: 19.33 ug/ml

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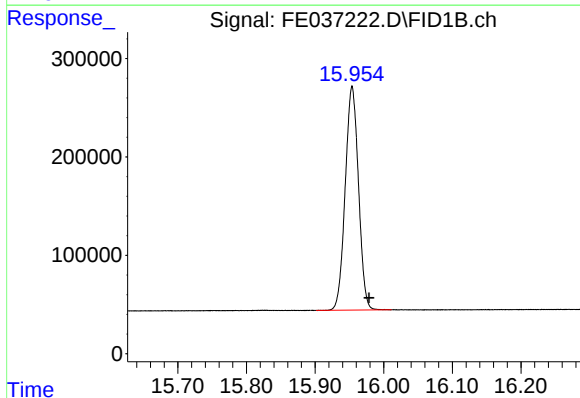
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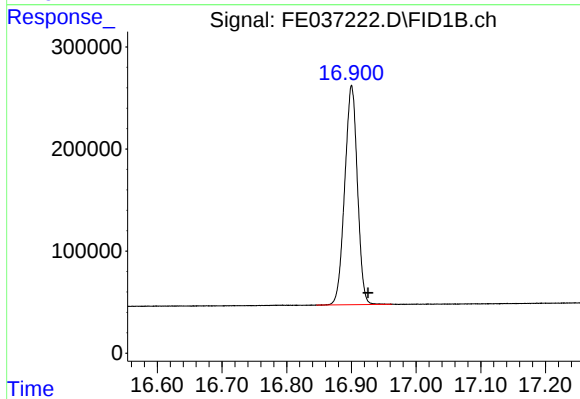
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.023 min
Response: 3144887
Conc: 19.05 ug/ml



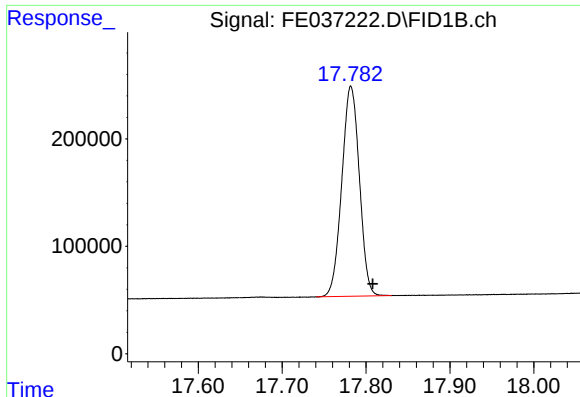
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.025 min
Response: 3051816
Conc: 18.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.900 min
Delta R.T.: -0.025 min
Response: 2926563
Conc: 18.43 ug/ml



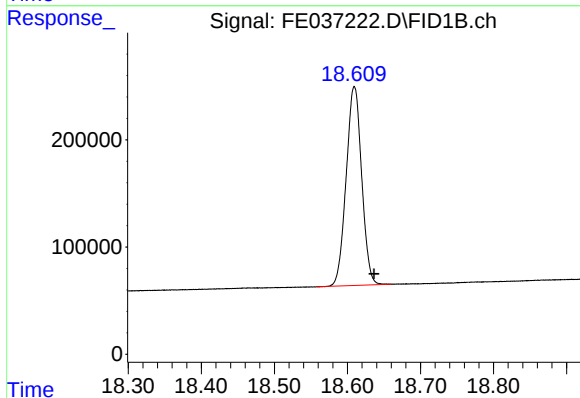
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.026 min
Response: 2843414
Conc: 18.31 ug/ml

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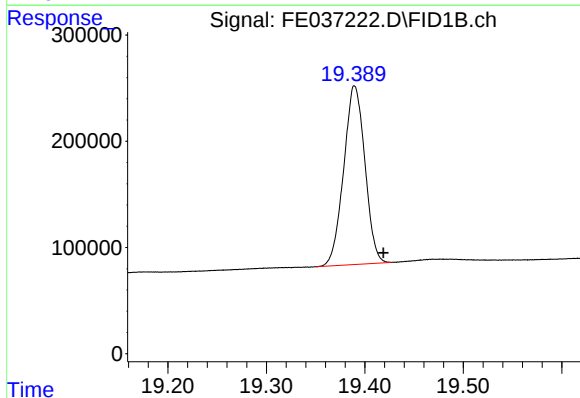
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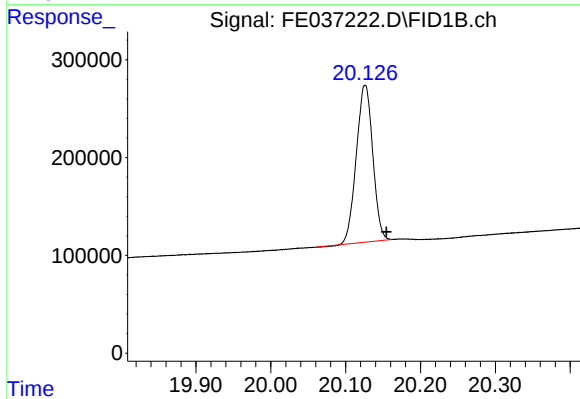
#18 n-Dotriacontane (C32)

R.T.: 18.610 min
Delta R.T.: -0.027 min
Response: 2737993
Conc: 18.36 ug/ml



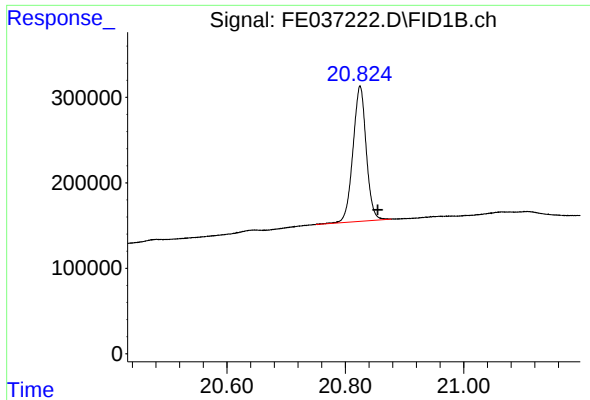
#19 n-Tetratriacontane (C34)

R.T.: 19.390 min
Delta R.T.: -0.029 min
Response: 2515441
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: -0.028 min
Response: 2454233
Conc: 19.12 ug/ml



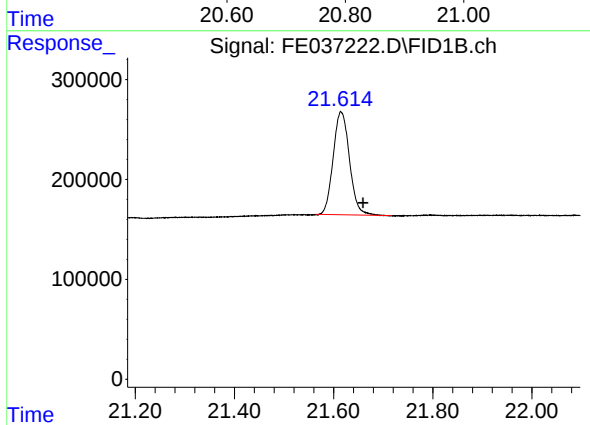
#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.030 min
Response: 2466754
Conc: 20.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.045 min
Response: 2358588
Conc: 19.53 ug/ml m