

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110624AL\
 Data File : FF014942.D
 Signal(s) : FID2B.ch
 Acq On : 06 Nov 2024 21:39
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: sample.E
 Quant Time: Nov 07 01:11:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 2024
 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)	11.935	2963470	19.435 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
12) S 1-chlorooctadecane (S...	13.370	2266319	18.864 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
Target Compounds			
1) T n-Nonane (C9)	3.327	2701819	21.474 ug/ml
2) T n-Decane (C10)	4.577	2767532	21.647 ug/ml
3) T A~Naphthalene (C11.7)	6.279	3032554	21.586 ug/ml
4) T n-Dodecane (C12)	6.739	2806231	21.764 ug/ml
5) T A~2-methylnaphthalene...	7.373	2927698	21.426 ug/ml
6) T n-Tetradecane (C14)	8.564	2783843	21.608 ug/ml
7) T n-Hexadecane (C16)	10.172	2852795	21.148 ug/ml
8) T n-Octadecane (C18)	11.615	2832611	20.360 ug/ml
10) T n-Eicosane (C20)	12.925	2669860	19.474 ug/ml
11) T n-Heneicosane (C21)	13.538	2592564	18.979 ug/ml
13) T n-Docosane (C22)	14.124	2552183	18.581 ug/ml
14) T n-Tetracosane (C24)	15.228	2512038	17.981 ug/ml
15) T n-Hexacosane (C26)	16.249	2432459	17.432 ug/ml
16) T n-Octacosane (C28)	17.200	2401359	17.393 ug/ml
17) T n-Tricontane (C30)	18.088	2466703	17.510 ug/ml
18) T n-Dotriacontane (C32)	18.920	2417003	17.424 ug/mlm
19) T n-Tetratriacontane (C34)	19.705	2137484	18.205 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2053693	20.384 ug/mlm
21) T n-Octatriacontane (C38)	21.183	1873257	20.819 ug/ml
22) T n-Tetracontane (C40)	22.096	2065334	23.037 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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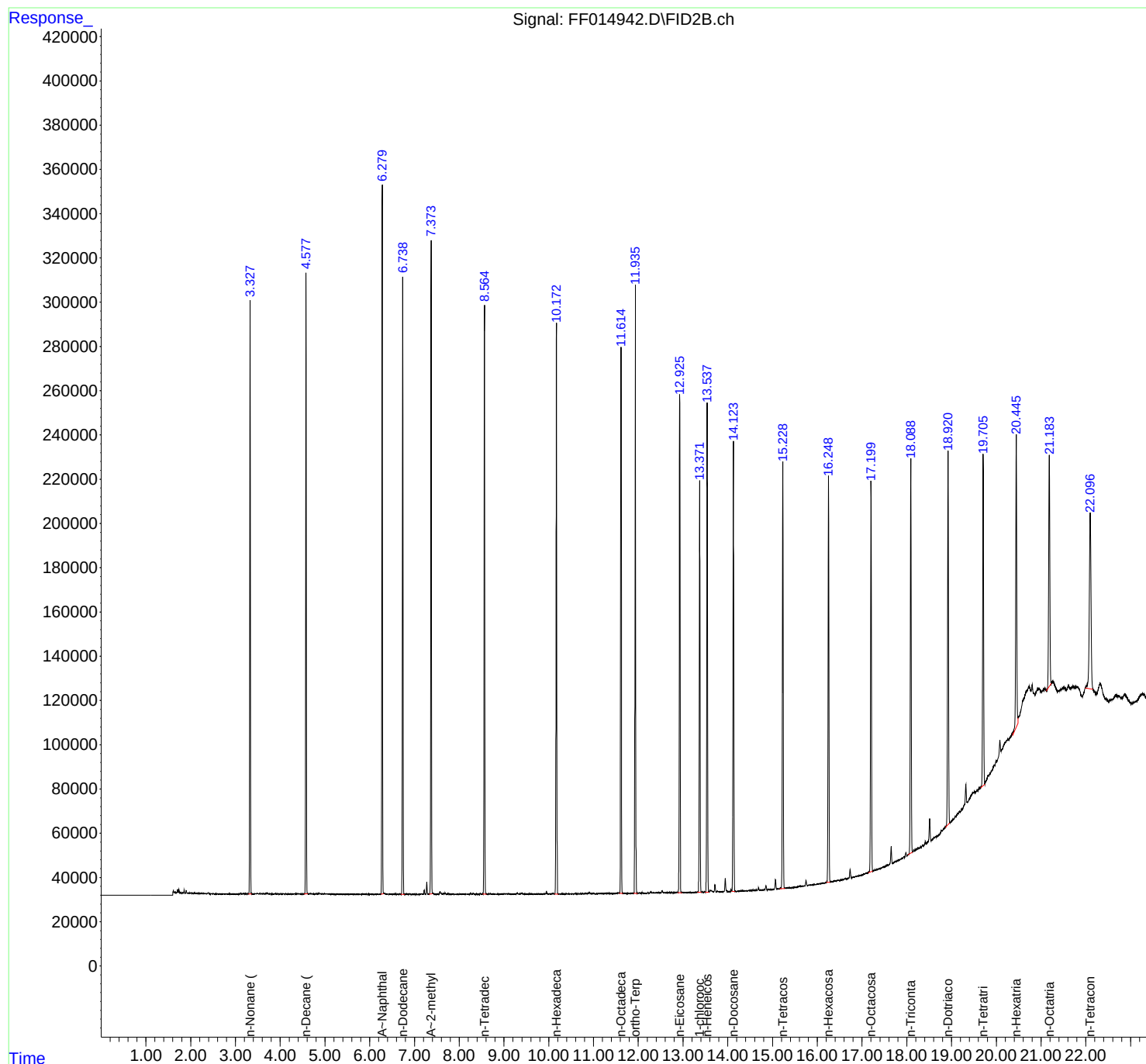
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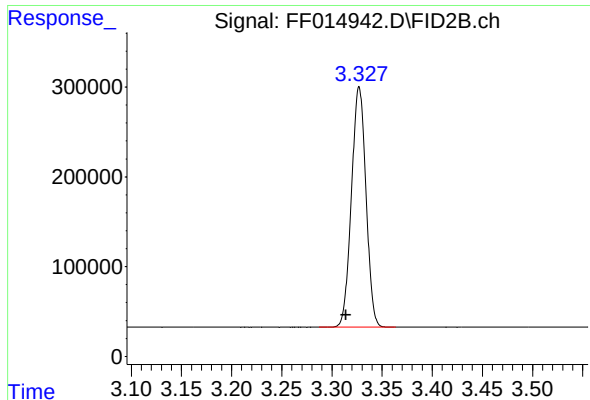
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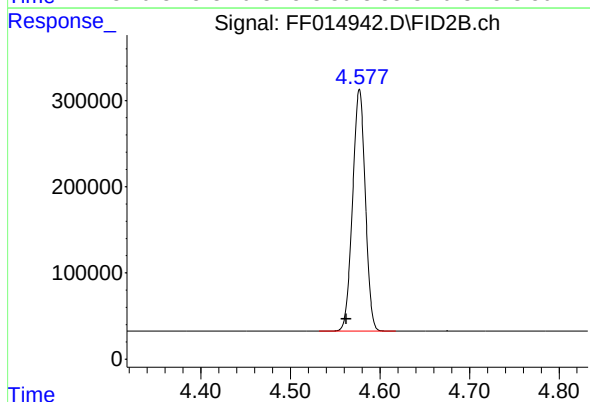
#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: 0.013 min
Response: 2701819
Conc: 21.47 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD

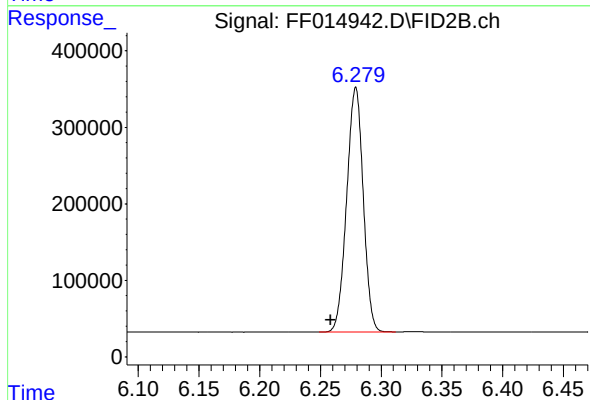
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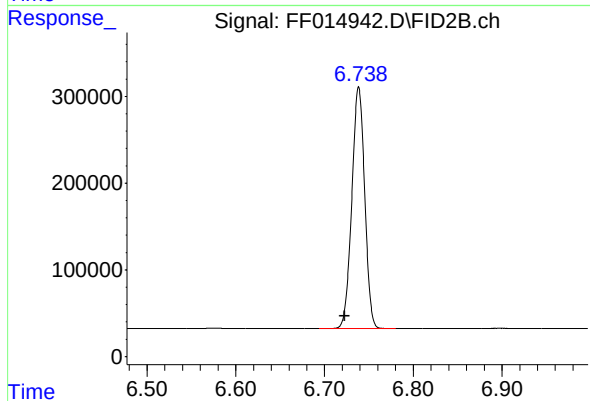
#2 n-Decane (C10)

R.T.: 4.577 min
Delta R.T.: 0.015 min
Response: 2767532
Conc: 21.65 ug/ml



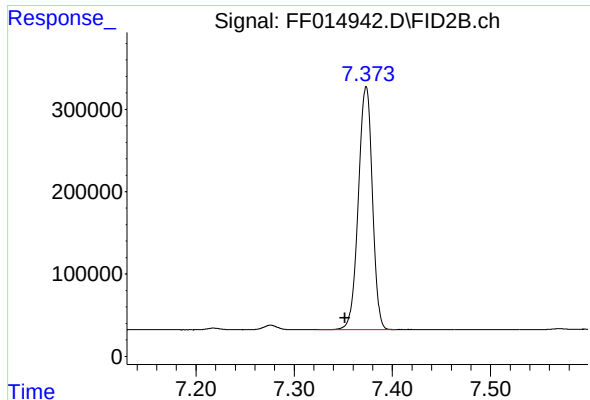
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.021 min
Response: 3032554
Conc: 21.59 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: 0.016 min
Response: 2806231
Conc: 21.76 ug/ml



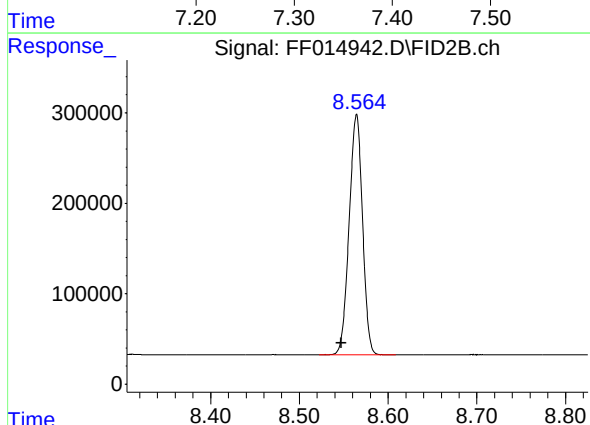
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.373 min
Delta R.T.: 0.022 min
Response: 2927698
Conc: 21.43 ug/ml

Instrument :
FID_F
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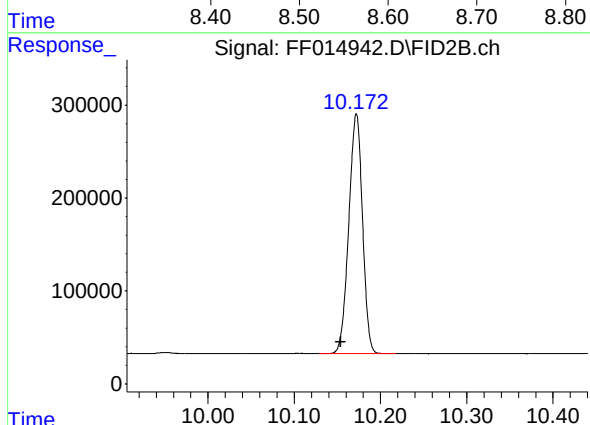
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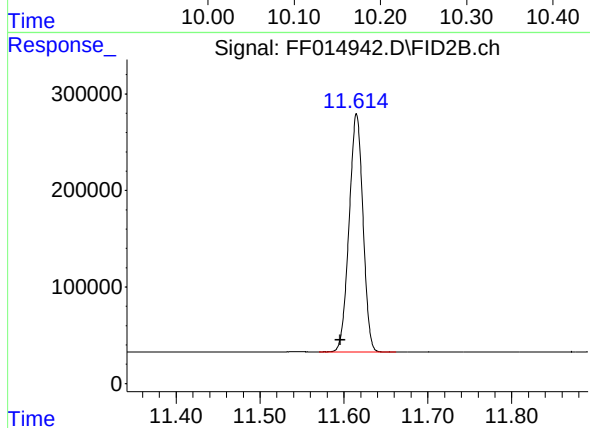
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.017 min
Response: 2783843
Conc: 21.61 ug/ml



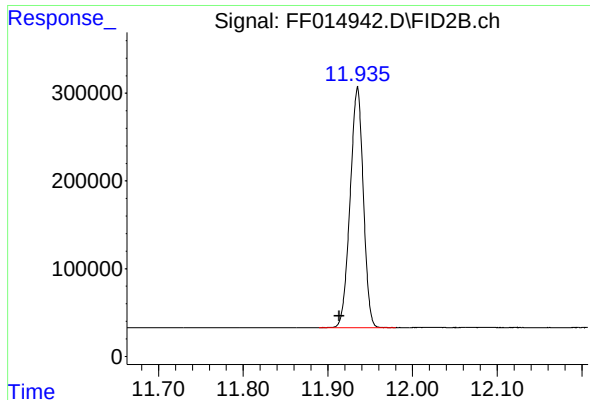
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.019 min
Response: 2852795
Conc: 21.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: 0.020 min
Response: 2832611
Conc: 20.36 ug/ml



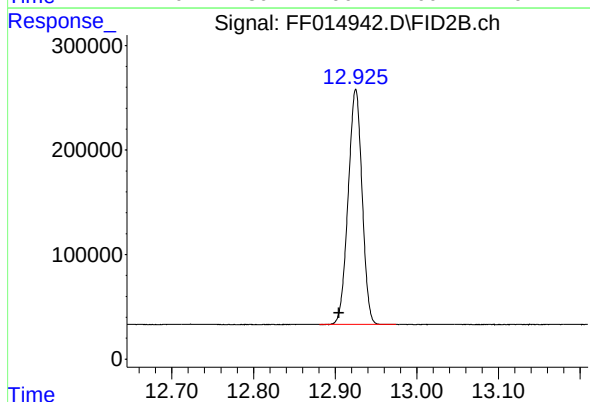
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: 0.022 min
Response: 2963470
Conc: 19.43 ug/ml

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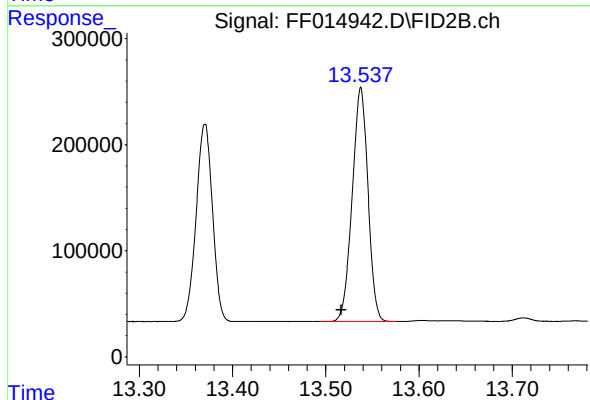
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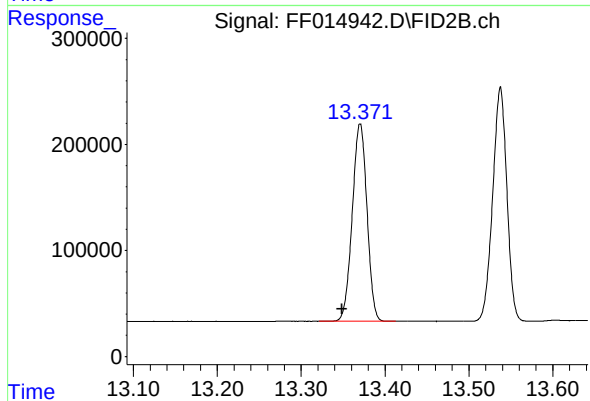
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: 0.021 min
Response: 2669860
Conc: 19.47 ug/ml



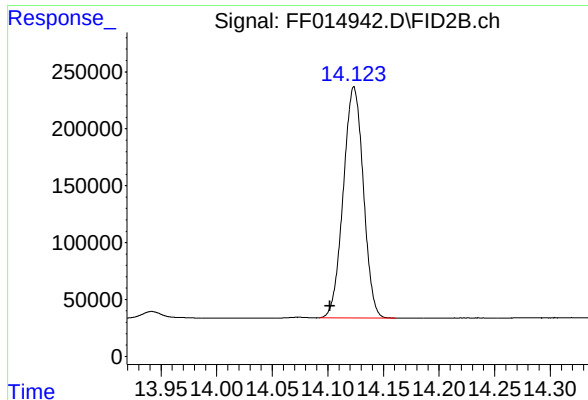
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: 0.021 min
Response: 2592564
Conc: 18.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.021 min
Response: 2266319
Conc: 18.86 ug/ml



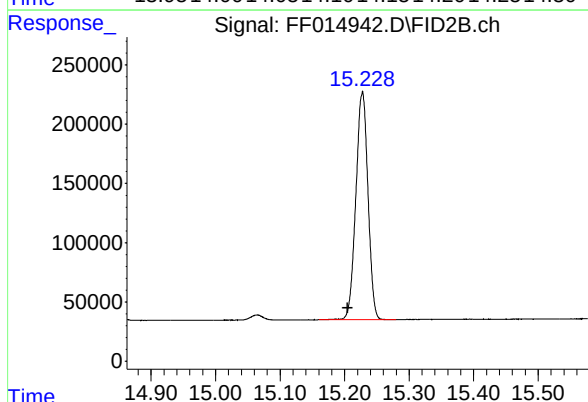
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.022 min
Response: 2552183
Conc: 18.58 ug/ml

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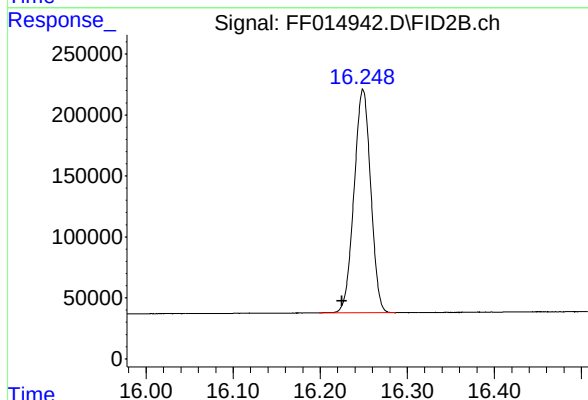
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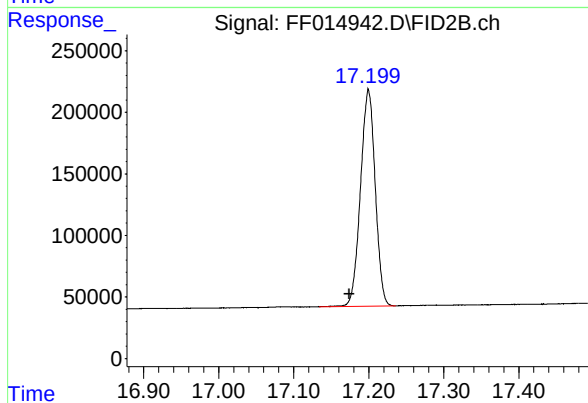
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.023 min
Response: 2512038
Conc: 17.98 ug/ml



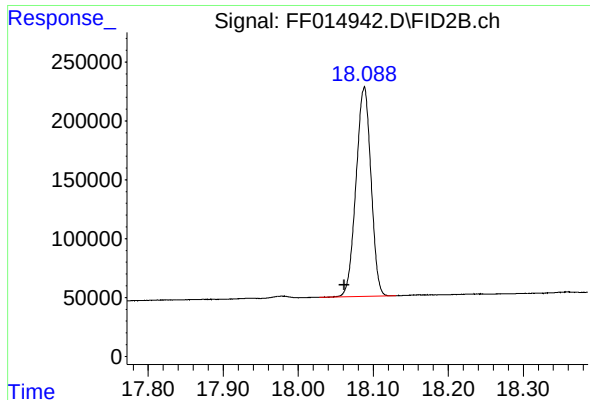
#15 n-Hexacosane (C26)

R.T.: 16.249 min
Delta R.T.: 0.024 min
Response: 2432459
Conc: 17.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: 0.026 min
Response: 2401359
Conc: 17.39 ug/ml



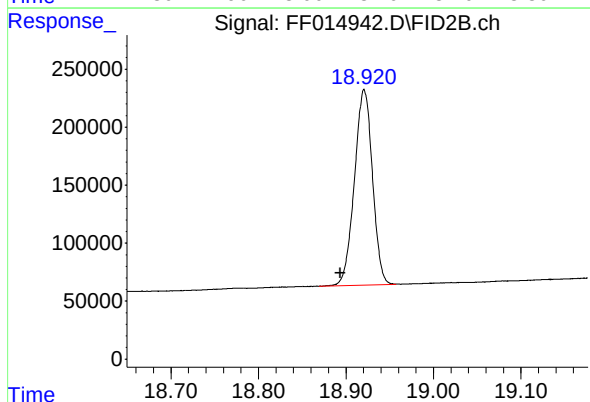
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: 0.027 min
Response: 2466703
Conc: 17.51 ug/ml

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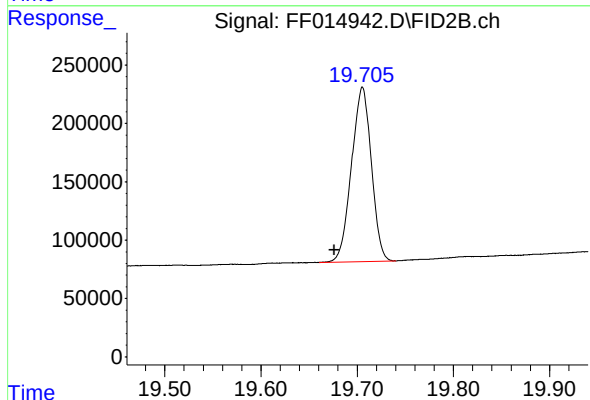
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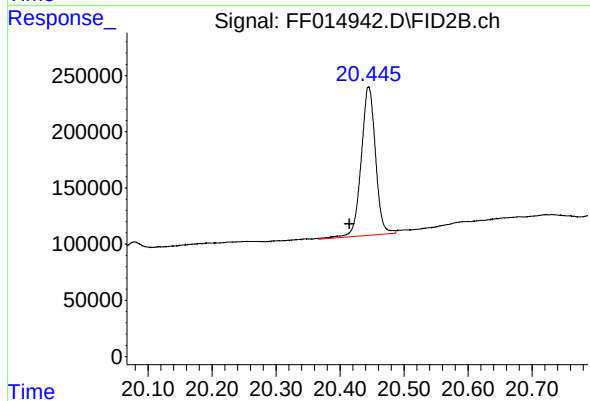
#18 n-Dotriacontane (C32)

R.T.: 18.920 min
Delta R.T.: 0.027 min
Response: 2417003
Conc: 17.42 ug/ml m



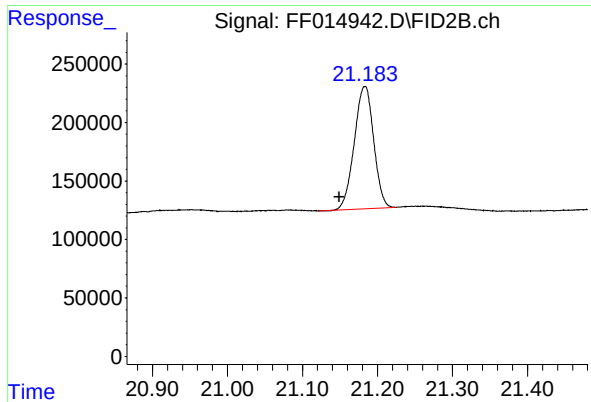
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: 0.028 min
Response: 2137484
Conc: 18.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: 0.030 min
Response: 2053693
Conc: 20.38 ug/ml m



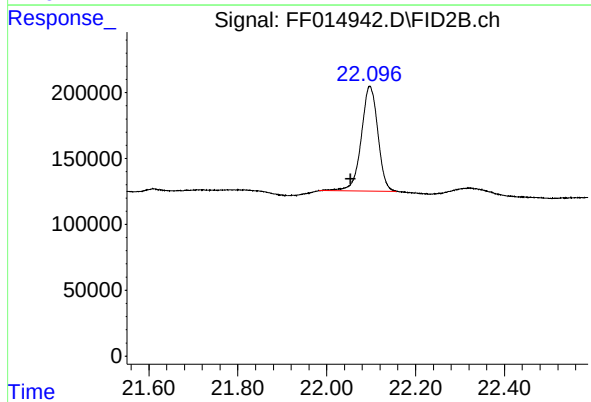
#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: 0.034 min
Response: 1873257
Conc: 20.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.096 min
Delta R.T.: 0.042 min
Response: 2065334
Conc: 23.04 ug/ml m