

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070323AL\
 Data File : FE043069.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jul 2023 01:07
 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 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: autoint1.e
 Quant Time: Jul 04 07:28:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.906	3313686	18.038 ug/ml
Spiked Amount 50.000		Recovery =	36.08%
12) S 1-chlorooctadecane (S...	13.343	2452488	18.021 ug/ml
Spiked Amount 50.000		Recovery =	36.04%
Target Compounds			
1) T n-Nonane (C9)	3.285	2792765	18.080 ug/ml
2) T n-Decane (C10)	4.537	2877733	18.218 ug/ml
3) T A~Naphthalene (C11.7)	6.247	3045159	17.984 ug/ml
4) T n-Dodecane (C12)	6.707	2907065	18.162 ug/ml
5) T A~2-methylnaphthalene...	7.344	2896407	17.864 ug/ml
6) T n-Tetradecane (C14)	8.537	2910963	18.291 ug/ml
7) T n-Hexadecane (C16)	10.144	2996975	18.197 ug/ml
8) T n-Octadecane (C18)	11.588	3018995	18.163 ug/ml
10) T n-Eicosane (C20)	12.897	2881660	18.160 ug/ml
11) T n-Heneicosane (C21)	13.509	2807832	18.149 ug/ml
13) T n-Docosane (C22)	14.096	2765269	18.153 ug/ml
14) T n-Tetracosane (C24)	15.199	2713966	18.291 ug/ml
15) T n-Hexacosane (C26)	16.218	2634132	18.425 ug/ml
16) T n-Octacosane (C28)	17.170	2630789	18.968 ug/ml
17) T n-Tricontane (C30)	18.057	2821266	19.948 ug/ml
18) T n-Dotriacontane (C32)	18.890	2872109	20.477 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2772488	20.260 ug/ml
20) T n-Hexatriacontane (C36)	20.414	2654724	19.850 ug/ml
21) T n-Octatriacontane (C38)	21.155	2658994	19.503 ug/ml
22) T n-Tetracontane (C40)	22.069	2727221	19.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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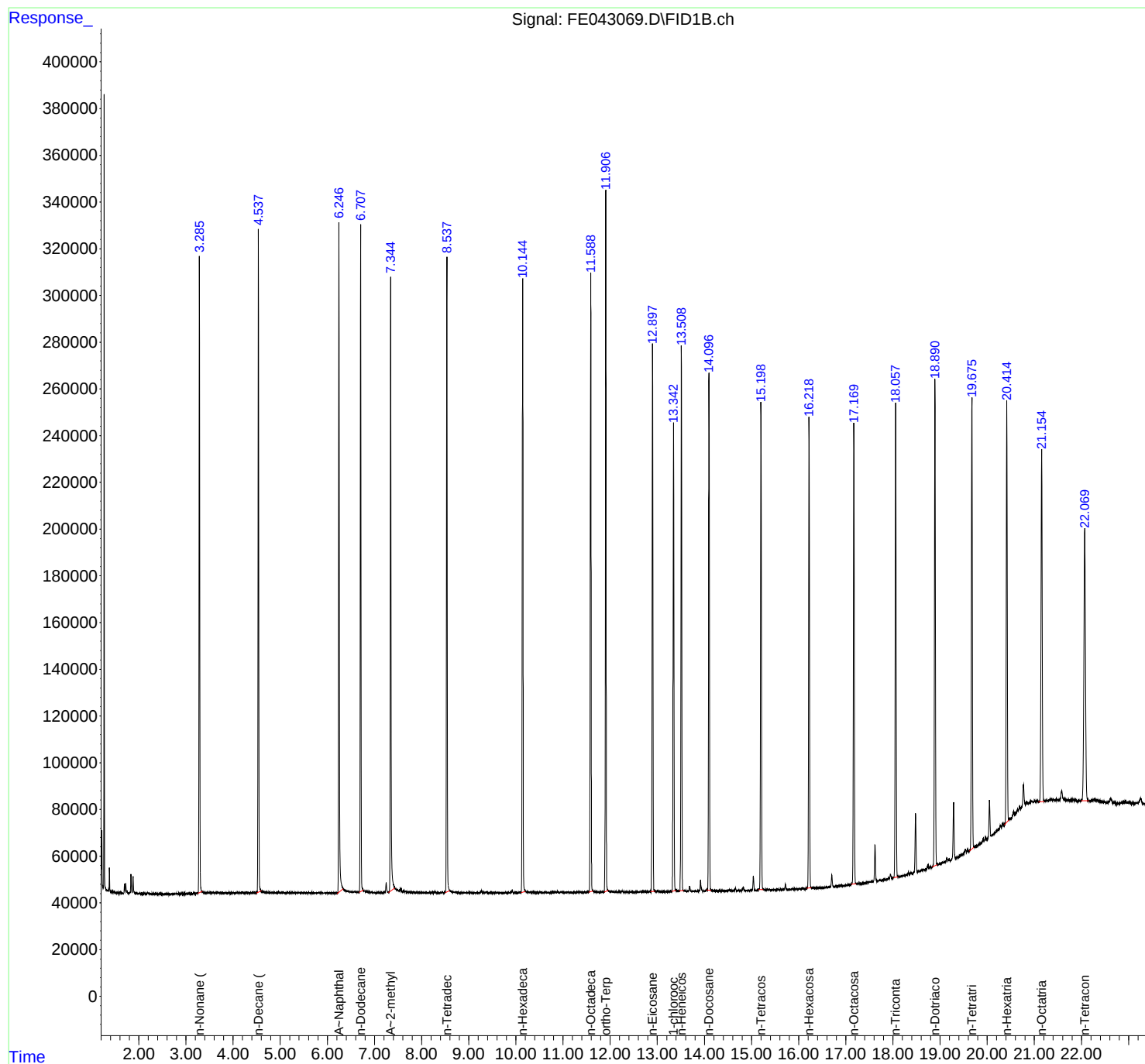
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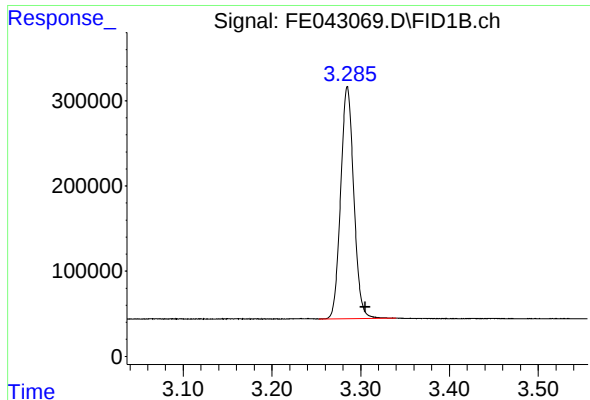
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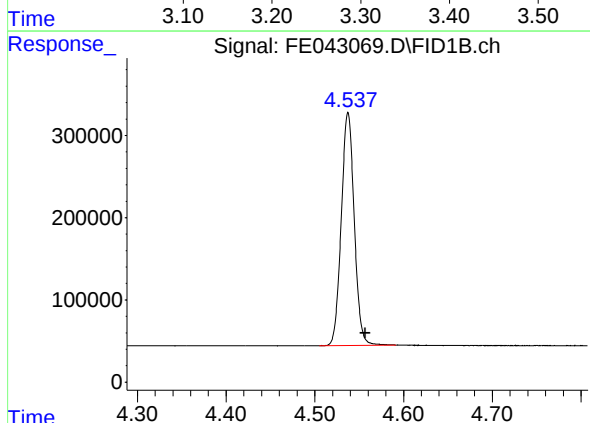
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.020 min
Response: 2792765
Conc: 18.08 ug/ml

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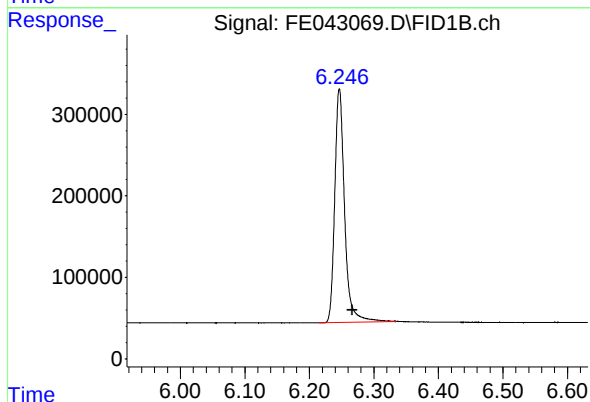
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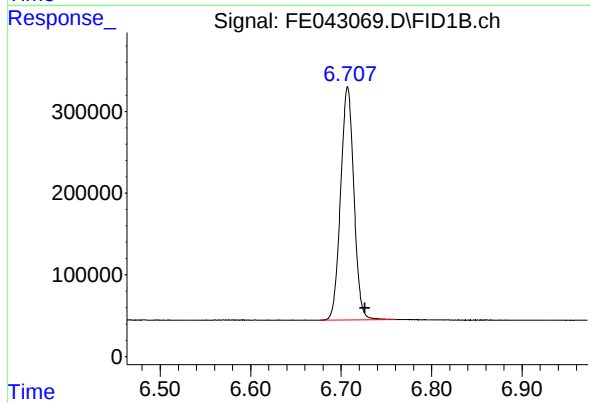
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.020 min
Response: 2877733
Conc: 18.22 ug/ml



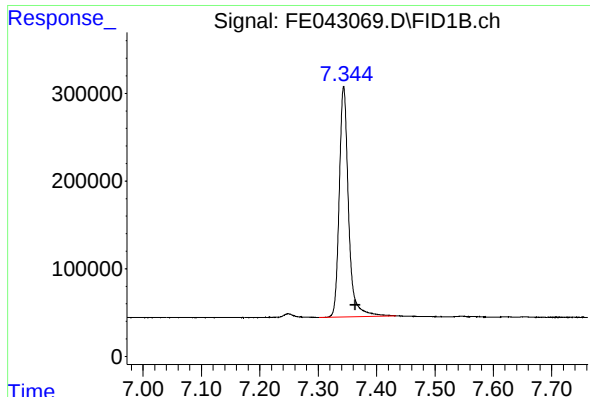
#3 A~Naphthalene (C11.7)

R.T.: 6.247 min
Delta R.T.: -0.020 min
Response: 3045159
Conc: 17.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.019 min
Response: 2907065
Conc: 18.16 ug/ml



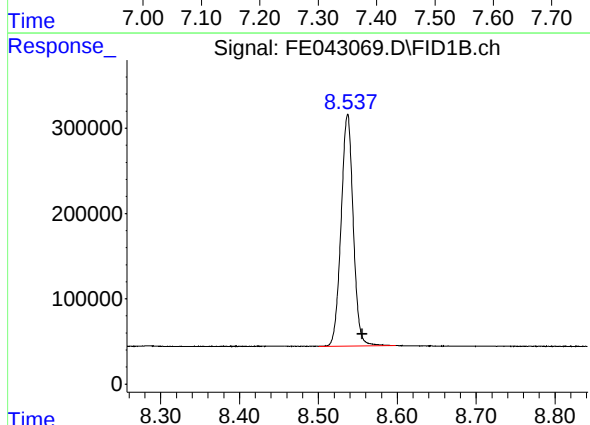
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.344 min
Delta R.T.: -0.020 min
Response: 2896407
Conc: 17.86 ug/ml

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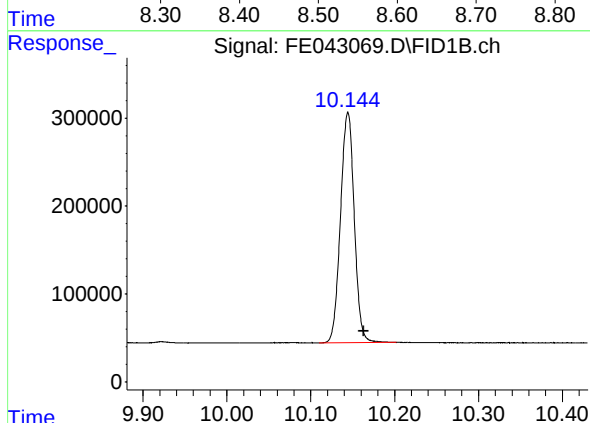
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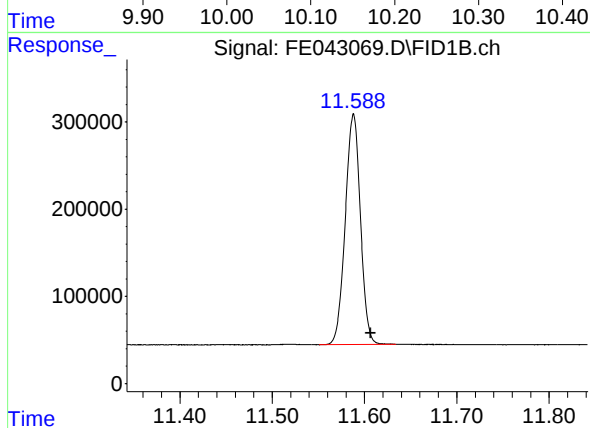
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: -0.018 min
Response: 2910963
Conc: 18.29 ug/ml



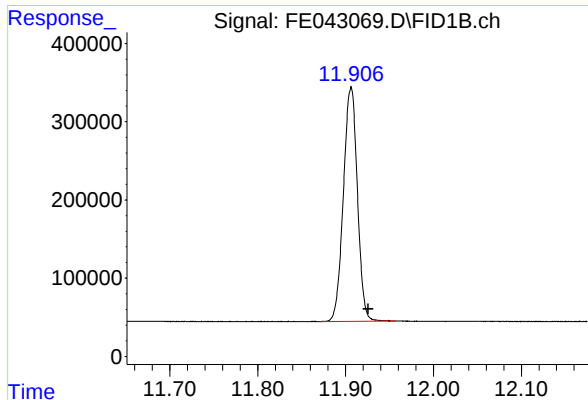
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.019 min
Response: 2996975
Conc: 18.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.588 min
Delta R.T.: -0.018 min
Response: 3018995
Conc: 18.16 ug/ml



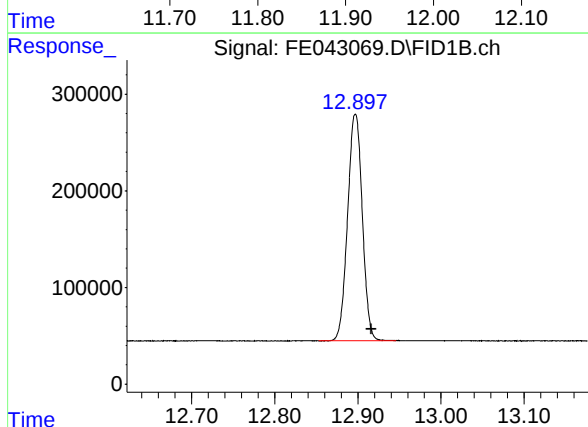
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.019 min
Response: 3313686
Conc: 18.04 ug/ml

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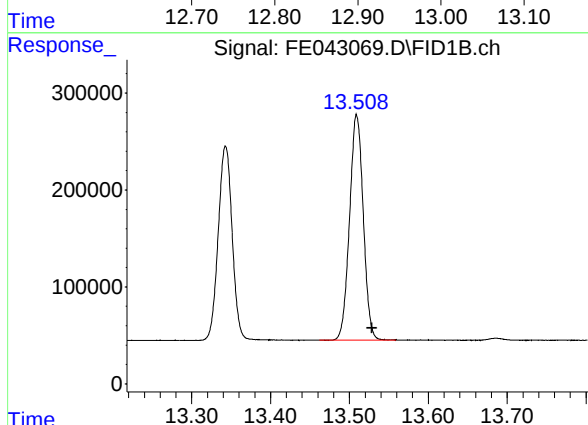
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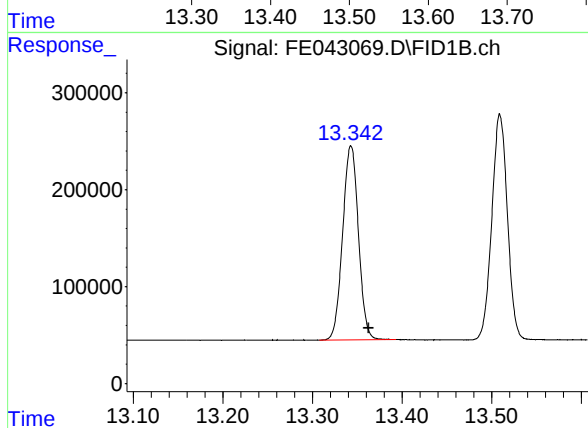
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.019 min
Response: 2881660
Conc: 18.16 ug/ml



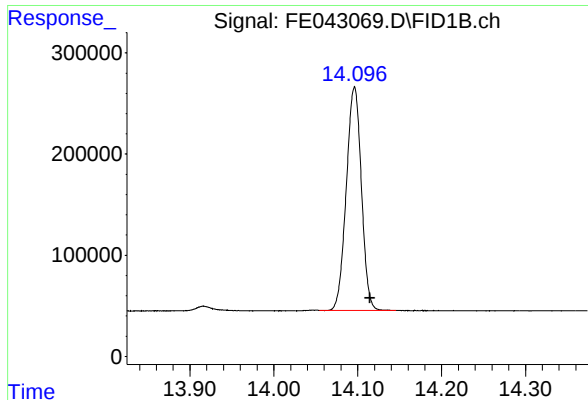
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.019 min
Response: 2807832
Conc: 18.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.020 min
Response: 2452488
Conc: 18.02 ug/ml



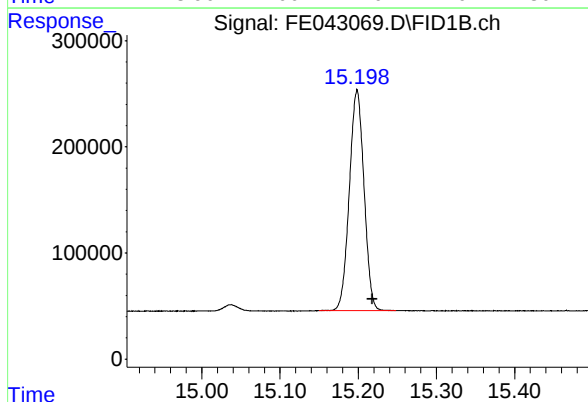
#13 n-Docosane (C22)

R.T.: 14.096 min
Delta R.T.: -0.018 min
Response: 2765269
Conc: 18.15 ug/ml

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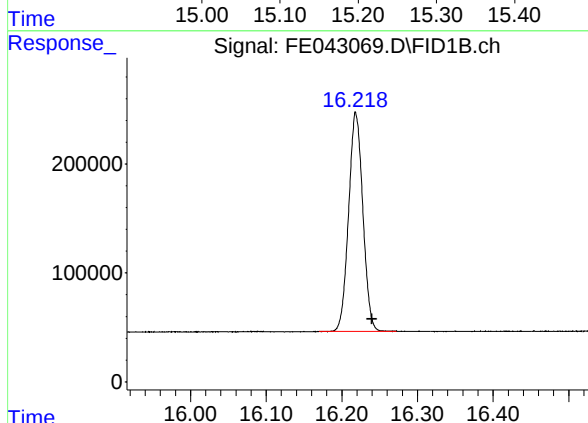
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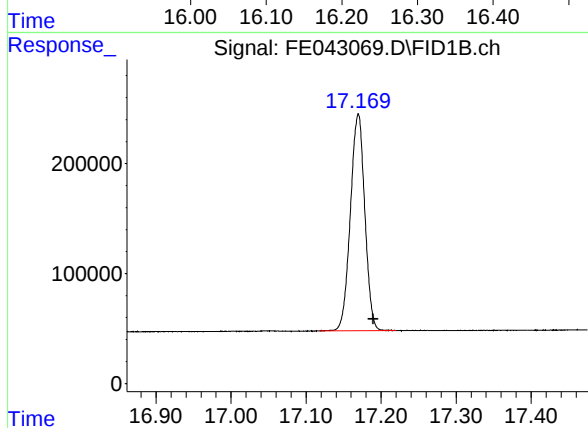
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.019 min
Response: 2713966
Conc: 18.29 ug/ml



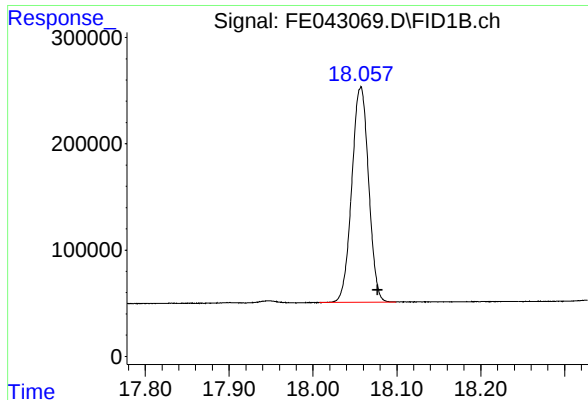
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.021 min
Response: 2634132
Conc: 18.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.020 min
Response: 2630789
Conc: 18.97 ug/ml



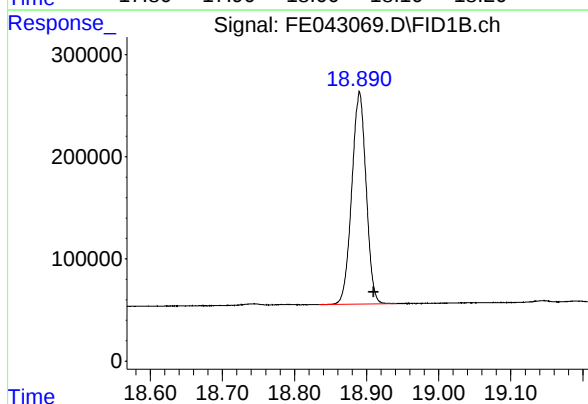
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.020 min
Response: 2821266
Conc: 19.95 ug/ml

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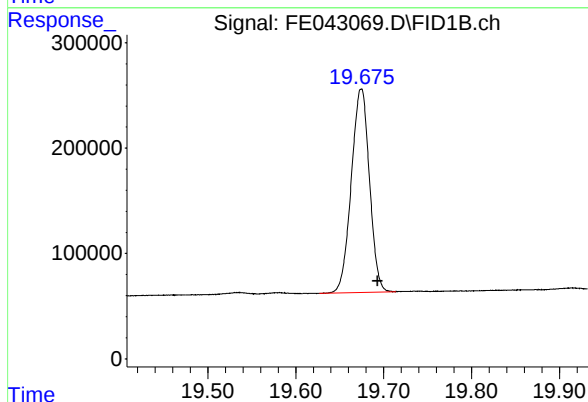
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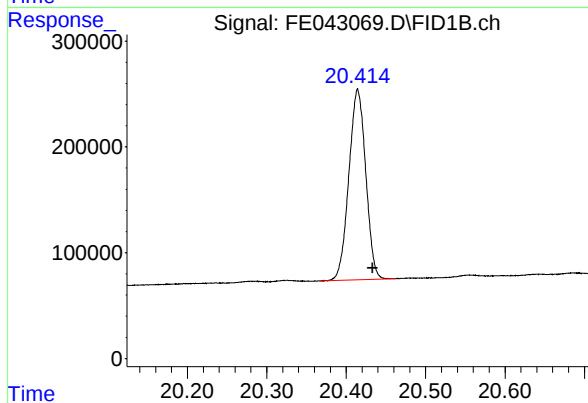
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.020 min
Response: 2872109
Conc: 20.48 ug/ml



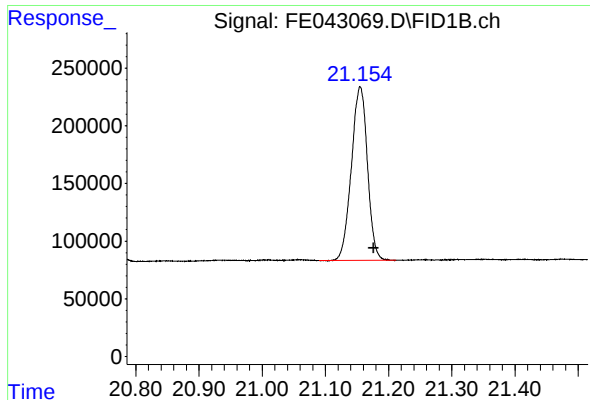
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.019 min
Response: 2772488
Conc: 20.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.414 min
Delta R.T.: -0.019 min
Response: 2654724
Conc: 19.85 ug/ml m



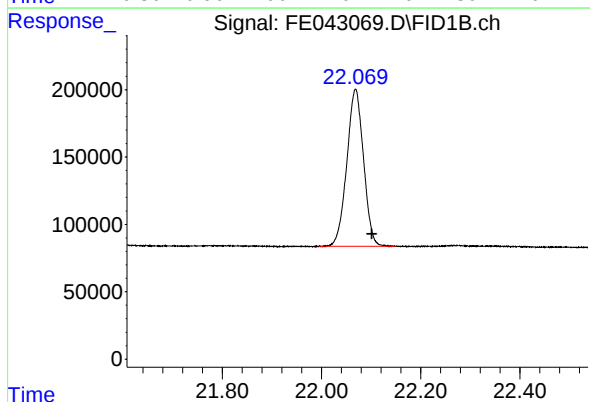
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: -0.021 min
Response: 2658994
Conc: 19.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.069 min
Delta R.T.: -0.033 min
Response: 2727221
Conc: 19.60 ug/ml