

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072524AL\
 Data File : FE049243.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jul 2024 07:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/26/2024
 Supervised By :Ankita Jodhani 07/26/2024

Integration File: sample.E
 Quant Time: Jul 26 01:37:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 Qlast Update : Wed Jul 17 14:26:40 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)	11.907	3027146	19.517 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
12) S 1-chlorooctadecane (S...	13.342	2347542	20.093 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
Target Compounds			
1) T n-Nonane (C9)	3.296	2696770	17.932 ug/ml
2) T n-Decane (C10)	4.546	2912854	18.859 ug/ml
3) T A~Naphthalene (C11.7)	6.253	2904394	18.641 ug/ml
4) T n-Dodecane (C12)	6.713	2916427	18.940 ug/ml
5) T A~2-methylnaphthalene...	7.348	2767678	19.018 ug/mlm
6) T n-Tetradecane (C14)	8.540	2881134	18.983 ug/ml
7) T n-Hexadecane (C16)	10.147	2965502	19.554 ug/ml
8) T n-Octadecane (C18)	11.589	2991441	19.702 ug/ml
10) T n-Eicosane (C20)	12.897	2879682	19.914 ug/ml
11) T n-Heneicosane (C21)	13.509	2815786	19.856 ug/ml
13) T n-Docosane (C22)	14.094	2810035	20.001 ug/ml
14) T n-Tetracosane (C24)	15.197	2833495	20.217 ug/ml
15) T n-Hexacosane (C26)	16.217	2891193	20.619 ug/ml
16) T n-Octacosane (C28)	17.165	3029492	21.644 ug/ml
17) T n-Tricontane (C30)	18.053	3420940	23.452 ug/ml
18) T n-Dotriacontane (C32)	18.885	3550557	24.147 ug/ml
19) T n-Tetratriacontane (C34)	19.665	3373238	23.093 ug/mlm
20) T n-Hexatriacontane (C36)	20.406	3205074	22.233 ug/ml
21) T n-Octatriacontane (C38)	21.138	3171649	21.188 ug/ml
22) T n-Tetracontane (C40)	22.040	3086504	20.453 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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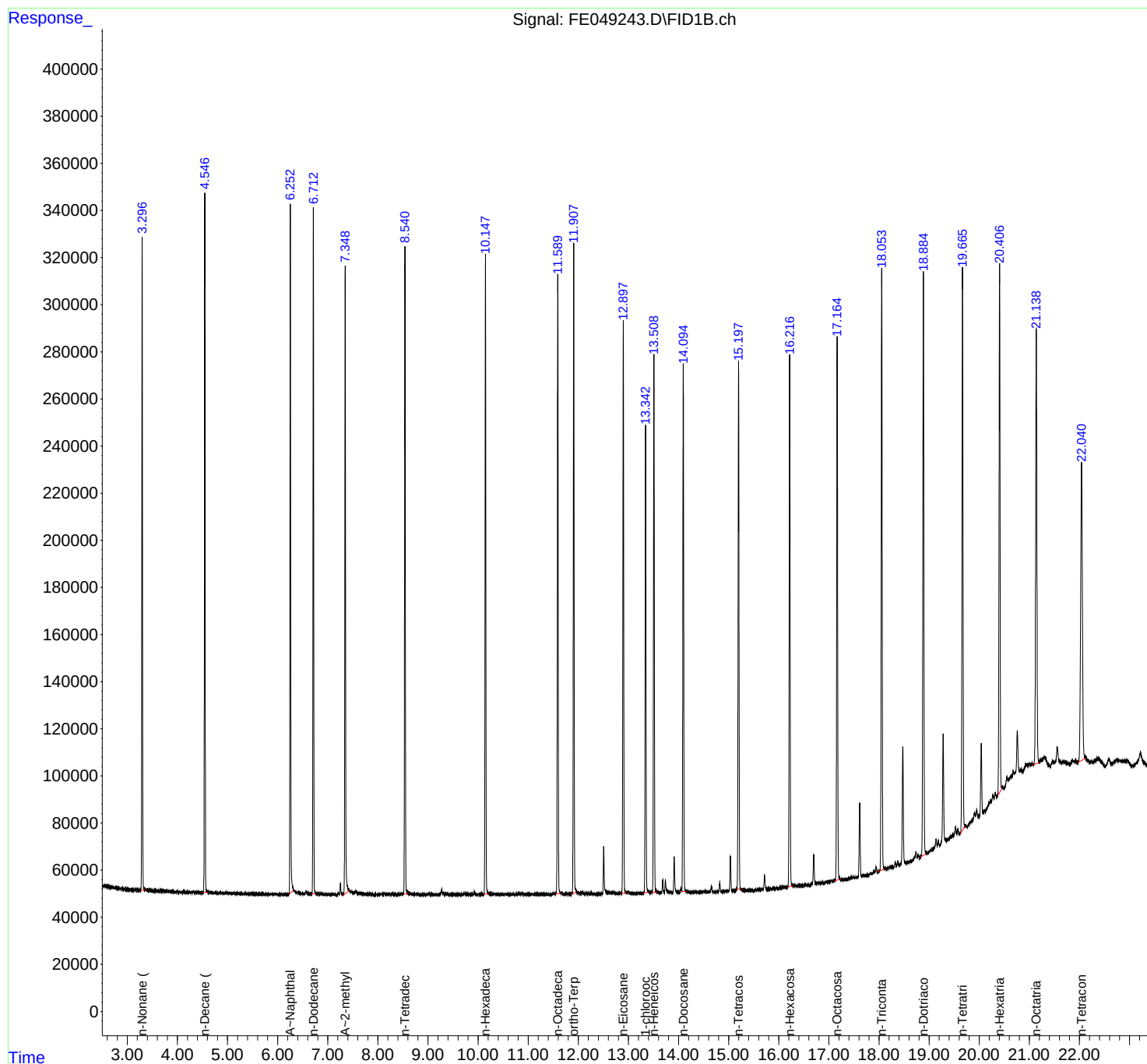
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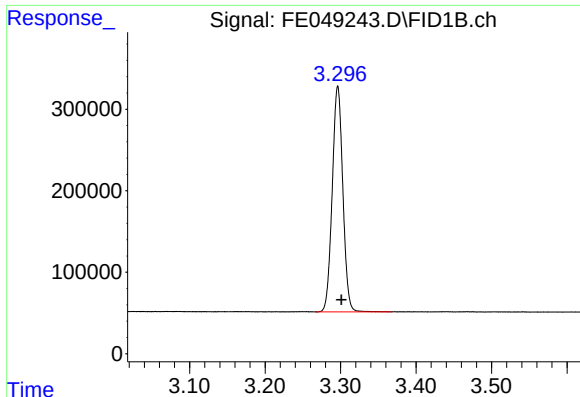
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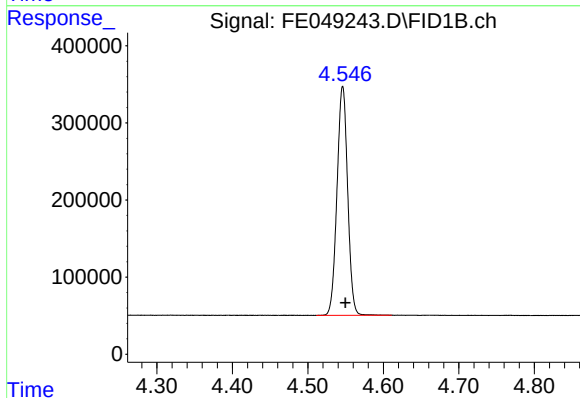
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.005 min
Response: 2696770
Conc: 17.93 ug/ml

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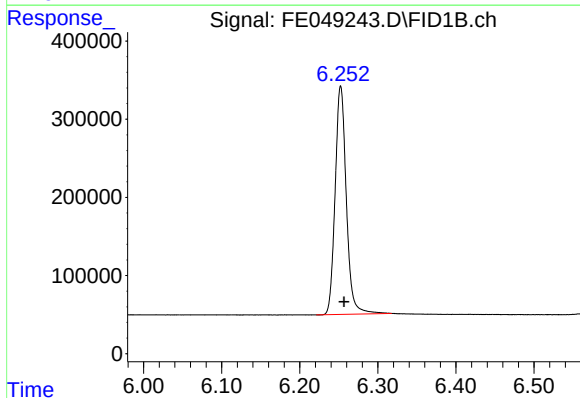
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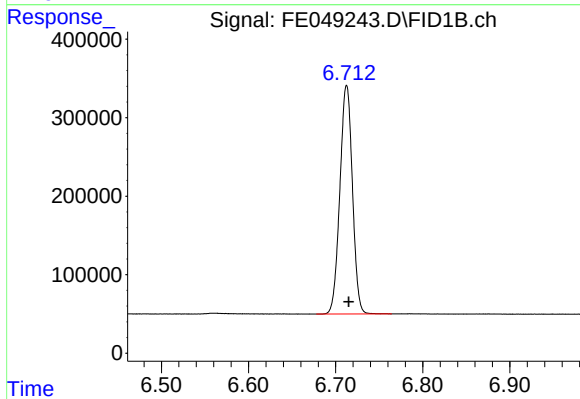
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 2912854
Conc: 18.86 ug/ml



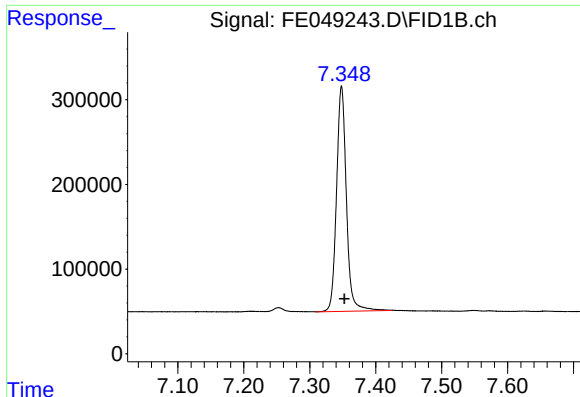
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 2904394
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.713 min
Delta R.T.: -0.002 min
Response: 2916427
Conc: 18.94 ug/ml



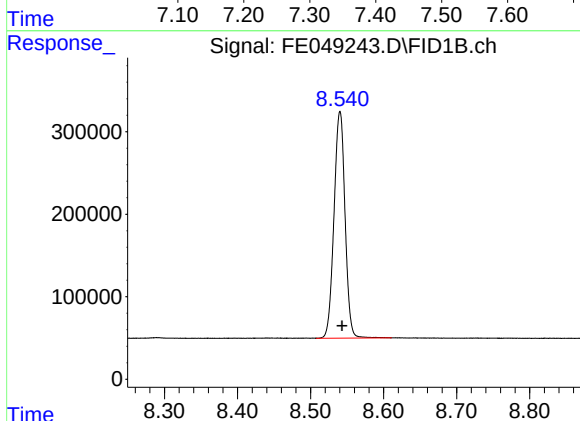
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.348 min
Delta R.T.: -0.005 min
Response: 2767678
Conc: 19.02 ug/ml

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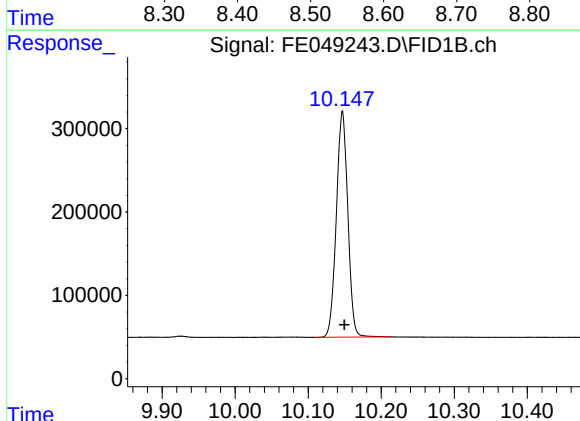
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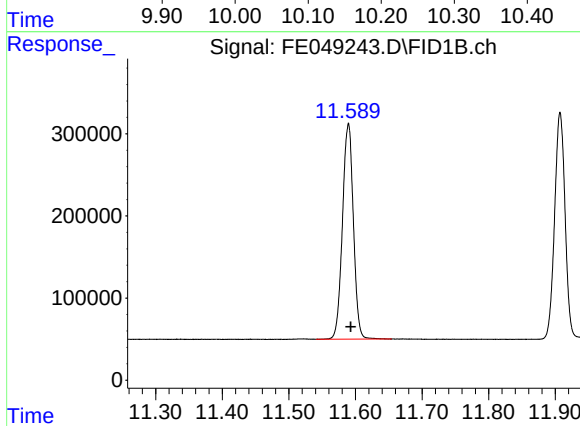
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 2881134
Conc: 18.98 ug/ml



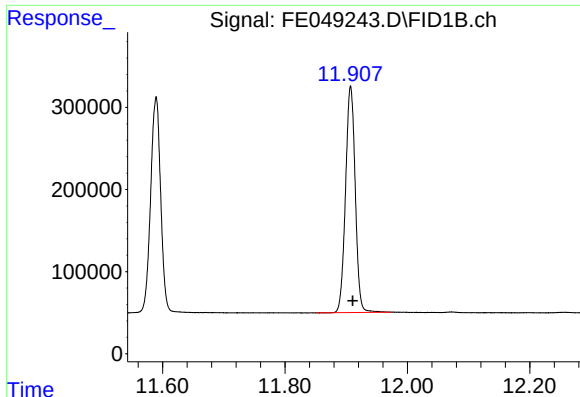
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 2965502
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 2991441
Conc: 19.70 ug/ml



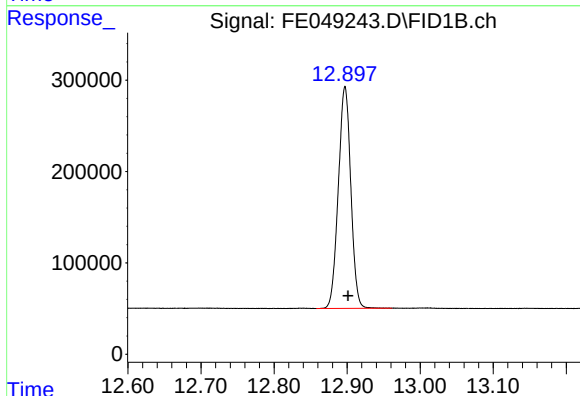
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.003 min
Response: 3027146
Conc: 19.52 ug/ml

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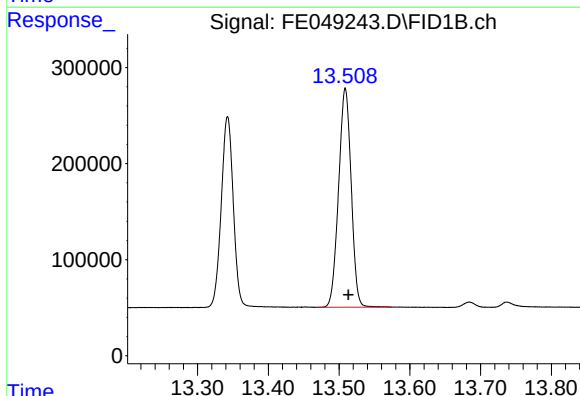
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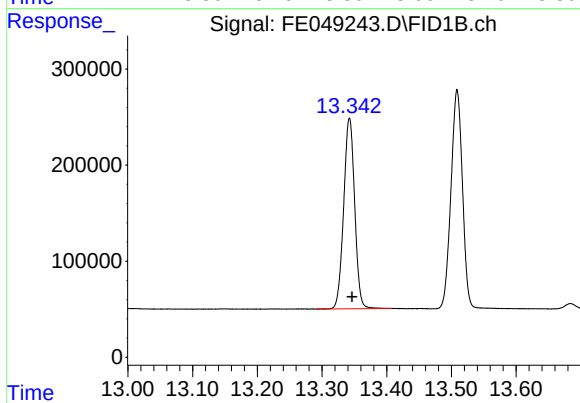
#10 n-Eicosane (C20)

R.T.: 12.897 min
Delta R.T.: -0.004 min
Response: 2879682
Conc: 19.91 ug/ml



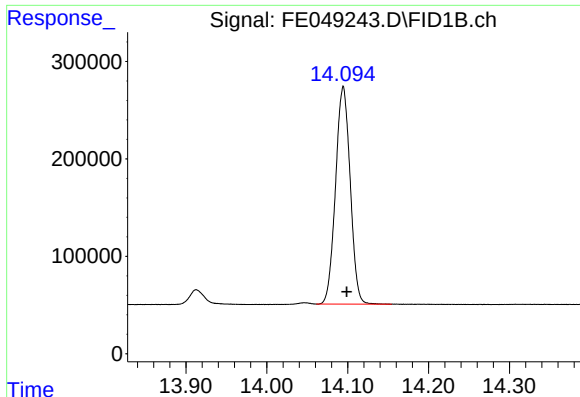
#11 n-Heneicosane (C21)

R.T.: 13.509 min
Delta R.T.: -0.004 min
Response: 2815786
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.342 min
Delta R.T.: -0.004 min
Response: 2347542
Conc: 20.09 ug/ml



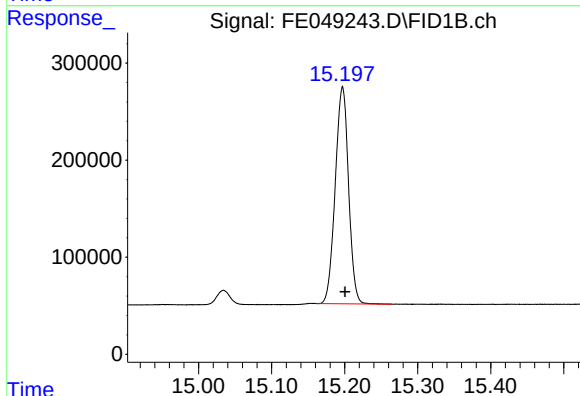
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.005 min
Response: 2810035
Conc: 20.00 ug/ml

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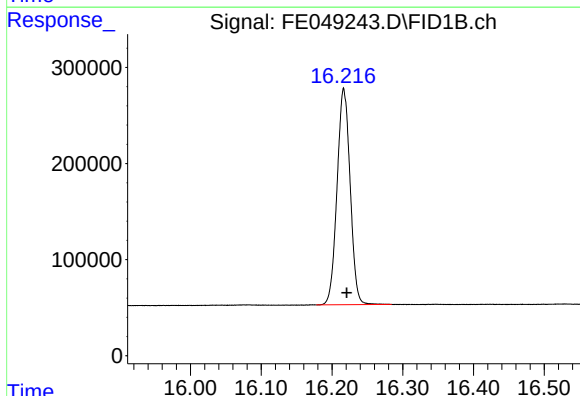
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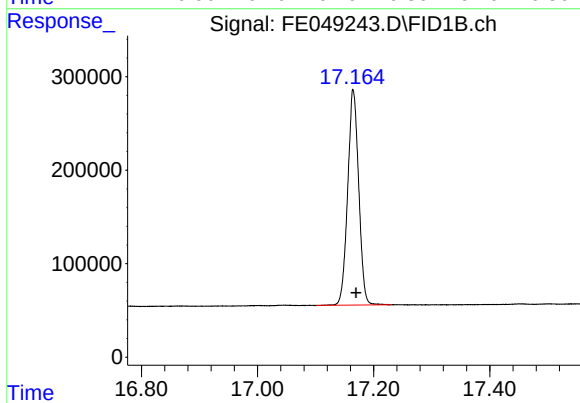
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.003 min
Response: 2833495
Conc: 20.22 ug/ml



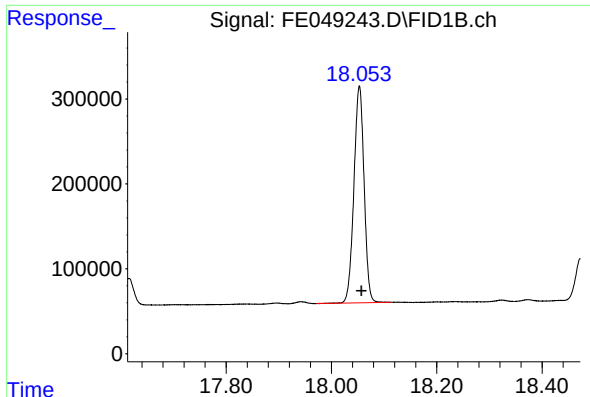
#15 n-Hexacosane (C26)

R.T.: 16.217 min
Delta R.T.: -0.004 min
Response: 2891193
Conc: 20.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.005 min
Response: 3029492
Conc: 21.64 ug/ml



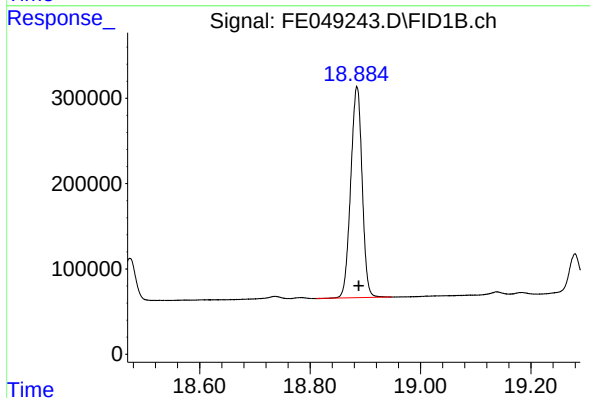
#17 n-Tricontane (C30)

R.T.: 18.053 min
Delta R.T.: -0.004 min
Response: 3420940
Conc: 23.45 ug/ml

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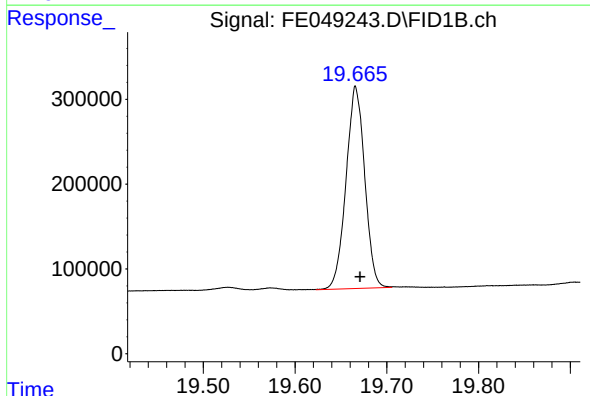
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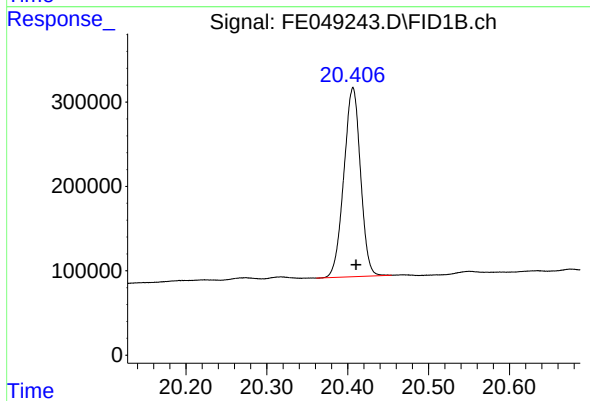
#18 n-Dotriacontane (C32)

R.T.: 18.885 min
Delta R.T.: -0.003 min
Response: 3550557
Conc: 24.15 ug/ml



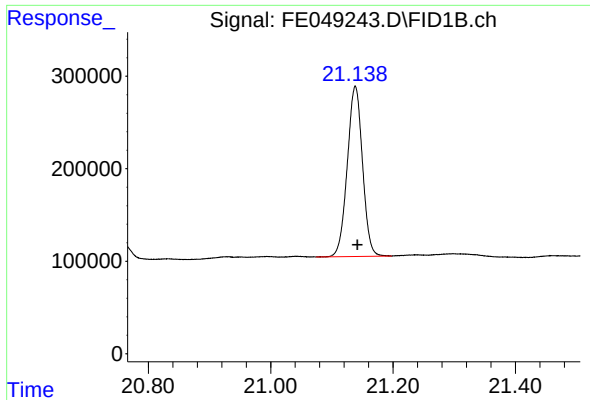
#19 n-Tetratriacontane (C34)

R.T.: 19.665 min
Delta R.T.: -0.006 min
Response: 3373238
Conc: 23.09 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.406 min
Delta R.T.: -0.004 min
Response: 3205074
Conc: 22.23 ug/ml



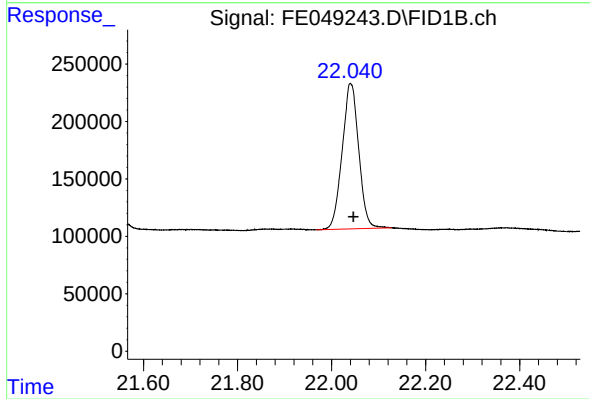
#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 3171649
Conc: 21.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.007 min
Response: 3086504
Conc: 20.45 ug/ml m