

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070824AL\
 Data File : FE049007.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2024 09:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e
 Quant Time: Jul 08 10:40:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.931	2693698	16.110 ug/ml
Spiked Amount 50.000		Recovery =	32.22%
12) S 1-chlorooctadecane (S...	13.365	2063269	16.045 ug/ml
Spiked Amount 50.000		Recovery =	32.09%
Target Compounds			
1) T n-Nonane (C9)	3.317	2593575	17.251 ug/ml
2) T n-Decane (C10)	4.566	2685563	17.451 ug/ml
3) T A~Naphthalene (C11.7)	6.274	2731864	17.208 ug/ml
4) T n-Dodecane (C12)	6.733	2687350	17.408 ug/ml
5) T A~2-methylnaphthalene...	7.370	2604077	17.196 ug/ml
6) T n-Tetradecane (C14)	8.561	2667267	17.403 ug/ml
7) T n-Hexadecane (C16)	10.169	2669568	17.073 ug/ml
8) T n-Octadecane (C18)	11.611	2654175	16.642 ug/ml
10) T n-Eicosane (C20)	12.921	2547165	16.430 ug/ml
11) T n-Heneicosane (C21)	13.532	2478338	16.276 ug/ml
13) T n-Docosane (C22)	14.118	2468692	16.324 ug/ml
14) T n-Tetracosane (C24)	15.221	2449883	16.302 ug/ml
15) T n-Hexacosane (C26)	16.241	2438890	16.520 ug/ml
16) T n-Octacosane (C28)	17.190	2446936	16.967 ug/ml
17) T n-Tricontane (C30)	18.077	2534869	17.327 ug/ml
18) T n-Dotriacontane (C32)	18.909	2534066	17.723 ug/mlm
19) T n-Tetratriacontane (C34)	19.692	2485719	17.964 ug/mlm
20) T n-Hexatriacontane (C36)	20.432	2535316	19.507 ug/ml
21) T n-Octatriacontane (C38)	21.169	2707993	21.124 ug/ml
22) T n-Tetracontane (C40)	22.083	2750328	22.459 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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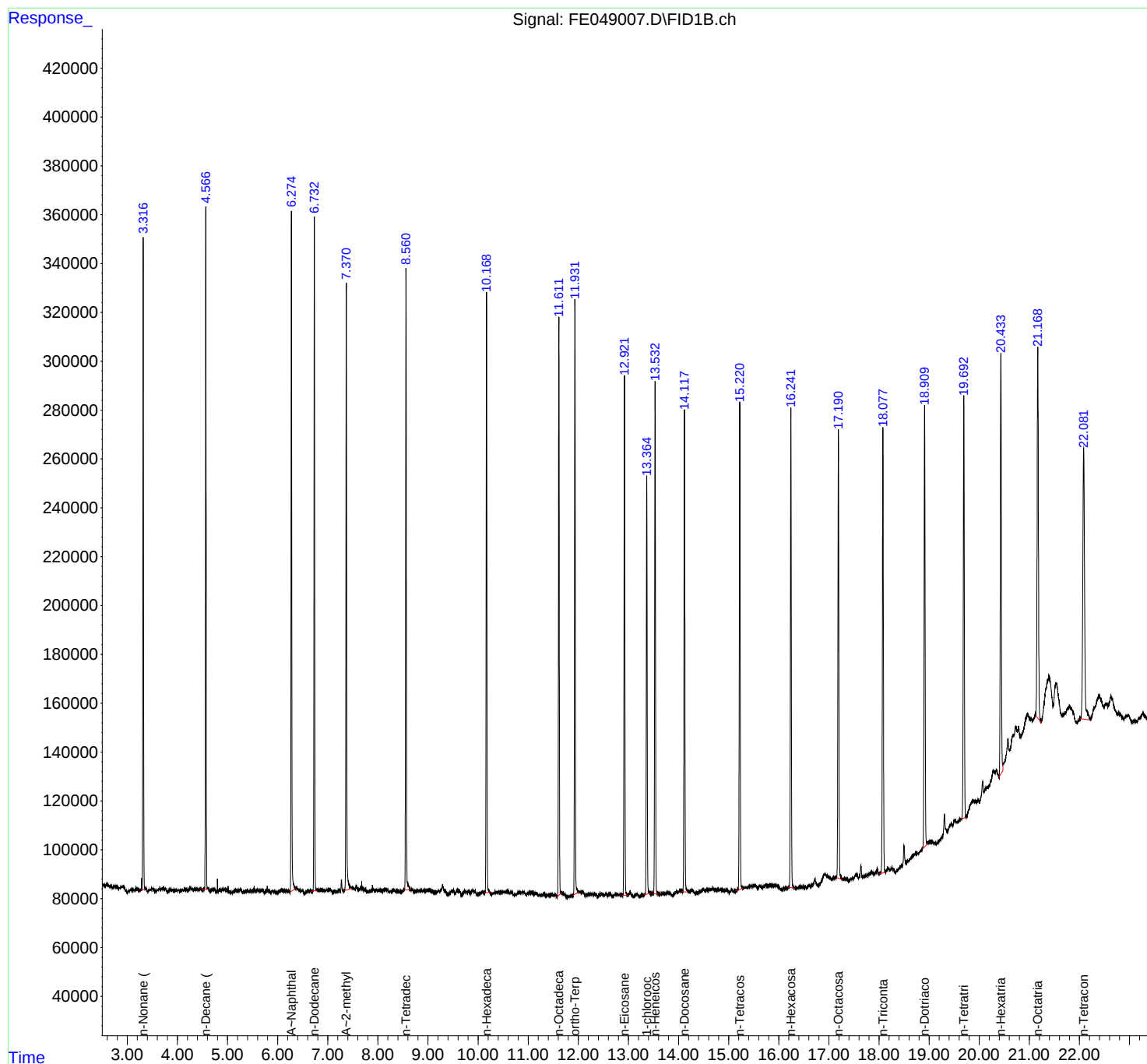
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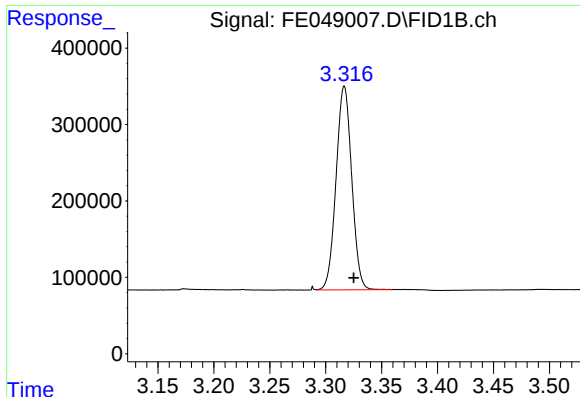
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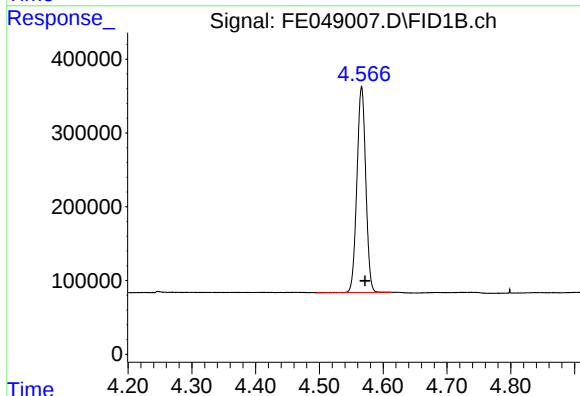
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: -0.008 min
Response: 2593575
Conc: 17.25 ug/ml

Instrument :
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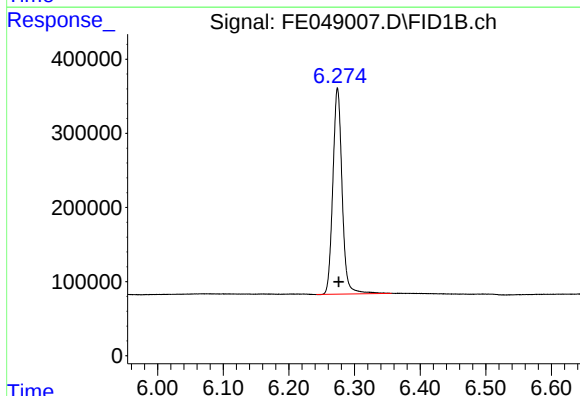
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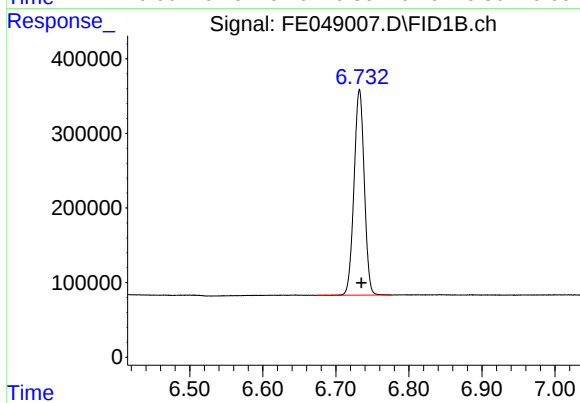
#2 n-Decane (C10)

R.T.: 4.566 min
Delta R.T.: -0.005 min
Response: 2685563
Conc: 17.45 ug/ml



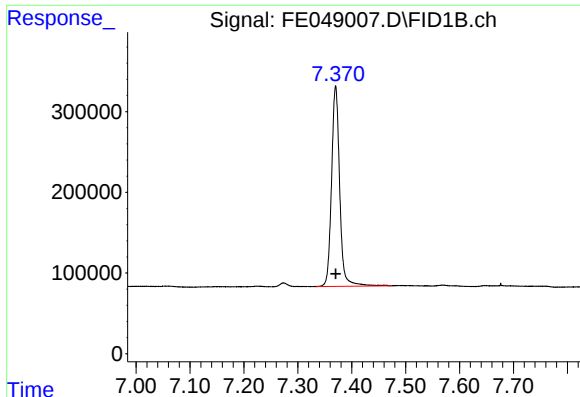
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.002 min
Response: 2731864
Conc: 17.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: -0.003 min
Response: 2687350
Conc: 17.41 ug/ml



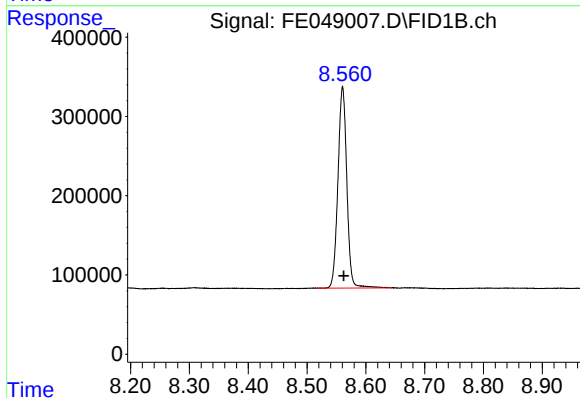
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.370 min
Delta R.T.: 0.000 min
Response: 2604077
Conc: 17.20 ug/ml

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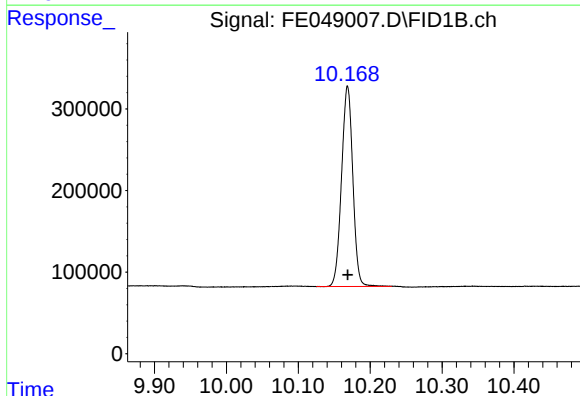
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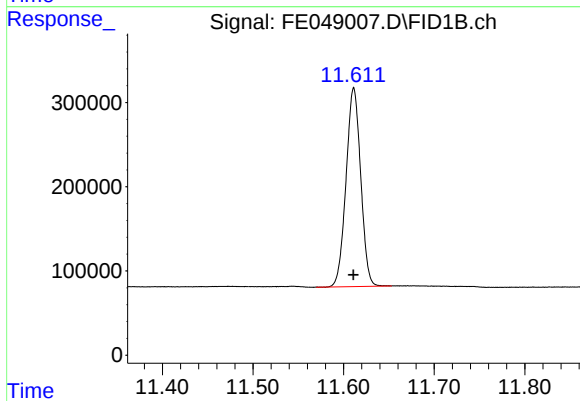
#6 n-Tetradecane (C14)

R.T.: 8.561 min
Delta R.T.: -0.002 min
Response: 2667267
Conc: 17.40 ug/ml



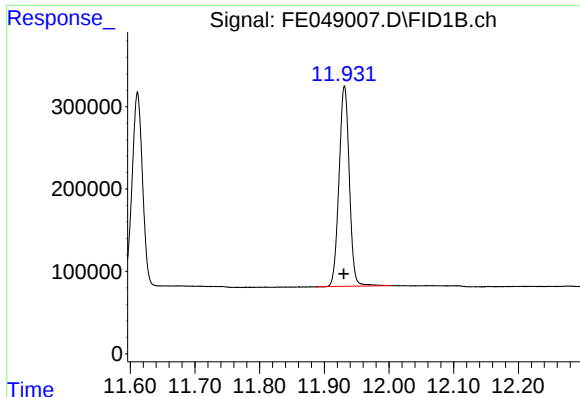
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 2669568
Conc: 17.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 2654175
Conc: 16.64 ug/ml



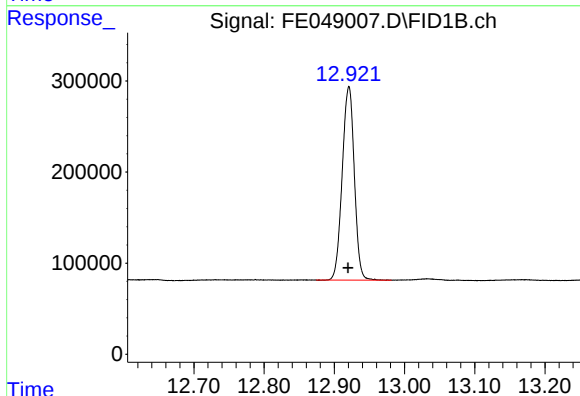
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.001 min
Response: 2693698
Conc: 16.11 ug/ml

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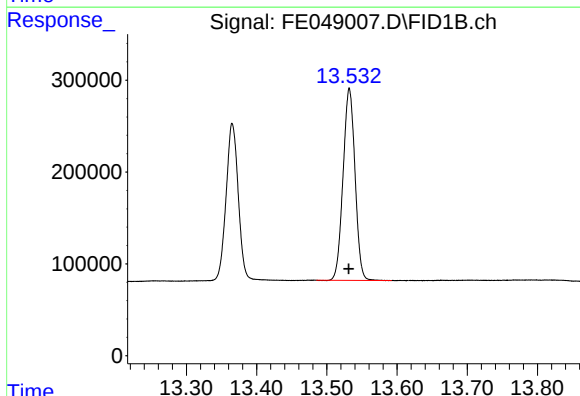
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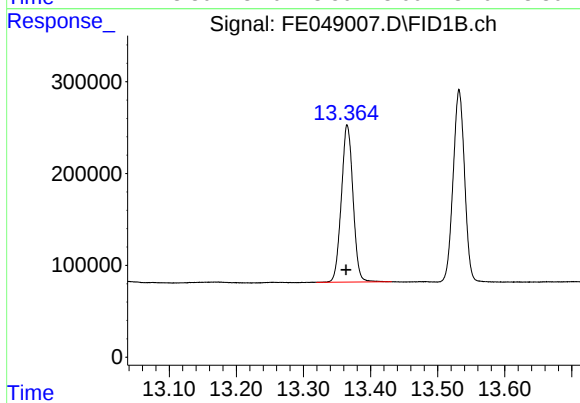
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: 0.001 min
Response: 2547165
Conc: 16.43 ug/ml



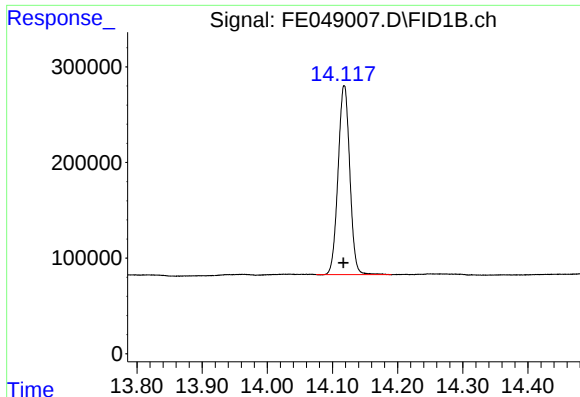
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.001 min
Response: 2478338
Conc: 16.28 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.002 min
Response: 2063269
Conc: 16.05 ug/ml



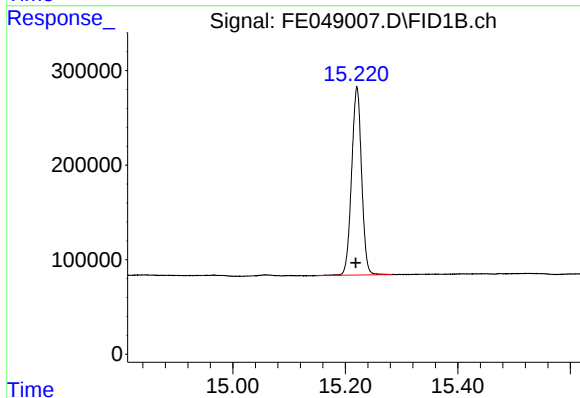
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: 0.002 min
Response: 2468692
Conc: 16.32 ug/ml

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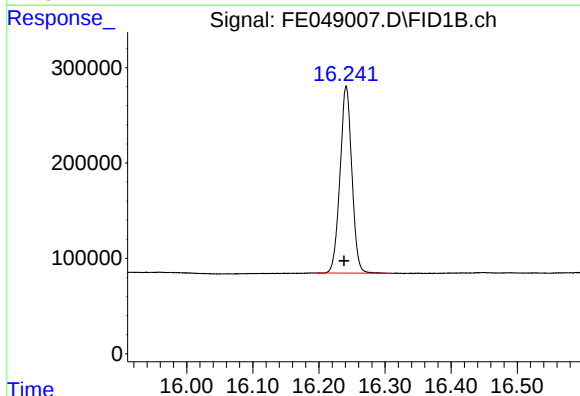
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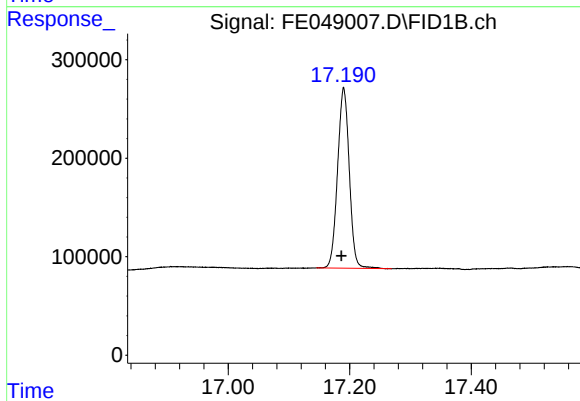
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.002 min
Response: 2449883
Conc: 16.30 ug/ml



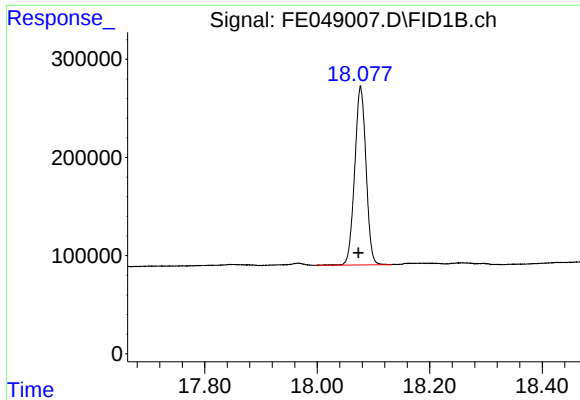
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 2438890
Conc: 16.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: 0.004 min
Response: 2446936
Conc: 16.97 ug/ml



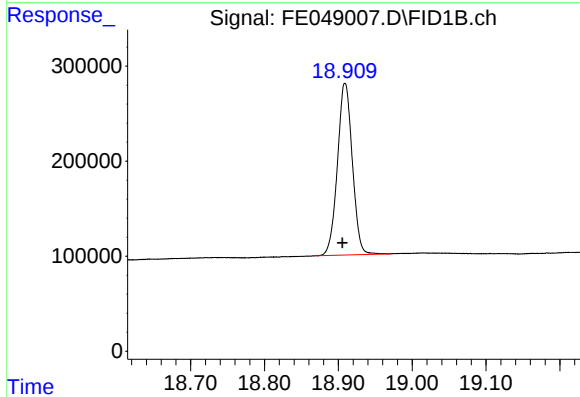
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.004 min
Response: 2534869
Conc: 17.33 ug/ml

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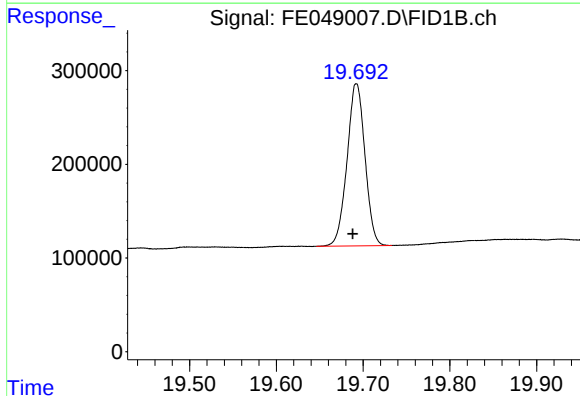
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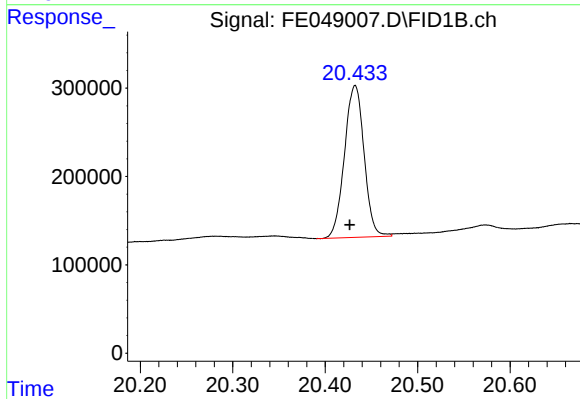
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.003 min
Response: 2534066
Conc: 17.72 ug/ml m



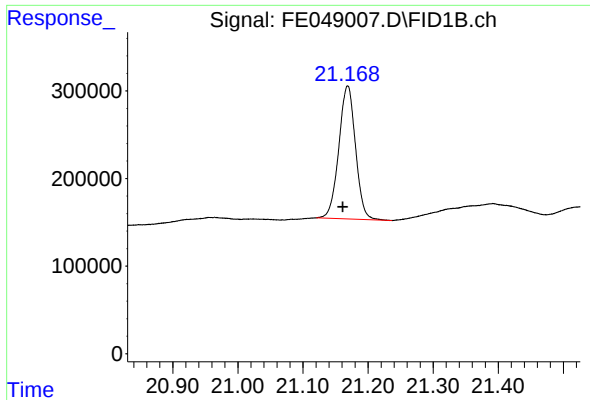
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min
Delta R.T.: 0.004 min
Response: 2485719
Conc: 17.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: 0.006 min
Response: 2535316
Conc: 19.51 ug/ml



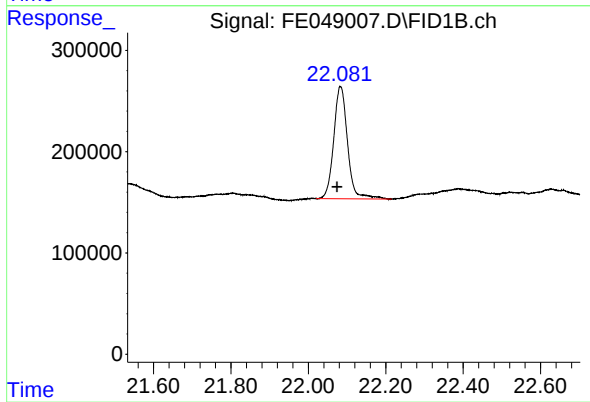
#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: 0.008 min
Response: 2707993
Conc: 21.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.083 min
Delta R.T.: 0.009 min
Response: 2750328
Conc: 22.46 ug/ml