

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082824AL\
 Data File : FE049817.D
 Signal(s) : FID1B.ch
 Acq On : 28 Aug 2024 13:04
 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 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File: autoint1.e
 Quant Time: Aug 29 01:38:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.881	2649660	16.385 ug/ml
Spiked Amount 50.000		Recovery =	32.77%
12) S 1-chlorooctadecane (S...	13.315	2026073	16.606 ug/ml
Spiked Amount 50.000		Recovery =	33.21%
Target Compounds			
1) T n-Nonane (C9)	3.270	2470737	15.966 ug/ml
2) T n-Decane (C10)	4.520	2518936	15.954 ug/mlm
3) T A~Naphthalene (C11.7)	6.228	2586275	16.119 ug/ml
4) T n-Dodecane (C12)	6.688	2528857	16.086 ug/ml
5) T A~2-methylnaphthalene...	7.324	2436493	16.270 ug/ml
6) T n-Tetradecane (C14)	8.515	2497917	16.180 ug/ml
7) T n-Hexadecane (C16)	10.121	2553637	16.350 ug/ml
8) T n-Octadecane (C18)	11.563	2580759	16.432 ug/ml
10) T n-Eicosane (C20)	12.871	2472865	16.562 ug/ml
11) T n-Heneicosane (C21)	13.482	2417083	16.477 ug/ml
13) T n-Docosane (C22)	14.067	2398913	16.459 ug/ml
14) T n-Tetracosane (C24)	15.168	2485104	17.084 ug/ml
15) T n-Hexacosane (C26)	16.188	2461120	17.053 ug/ml
16) T n-Octacosane (C28)	17.138	2552638	17.722 ug/ml
17) T n-Tricontane (C30)	18.024	2727966	18.222 ug/ml
18) T n-Dotriacontane (C32)	18.855	2773482	18.333 ug/ml
19) T n-Tetratriacontane (C34)	19.637	2725598	17.828 ug/ml
20) T n-Hexatriacontane (C36)	20.377	2563538	16.882 ug/ml
21) T n-Octatriacontane (C38)	21.103	2557924	16.297 ug/ml
22) T n-Tetracontane (C40)	21.997	2513782	16.464 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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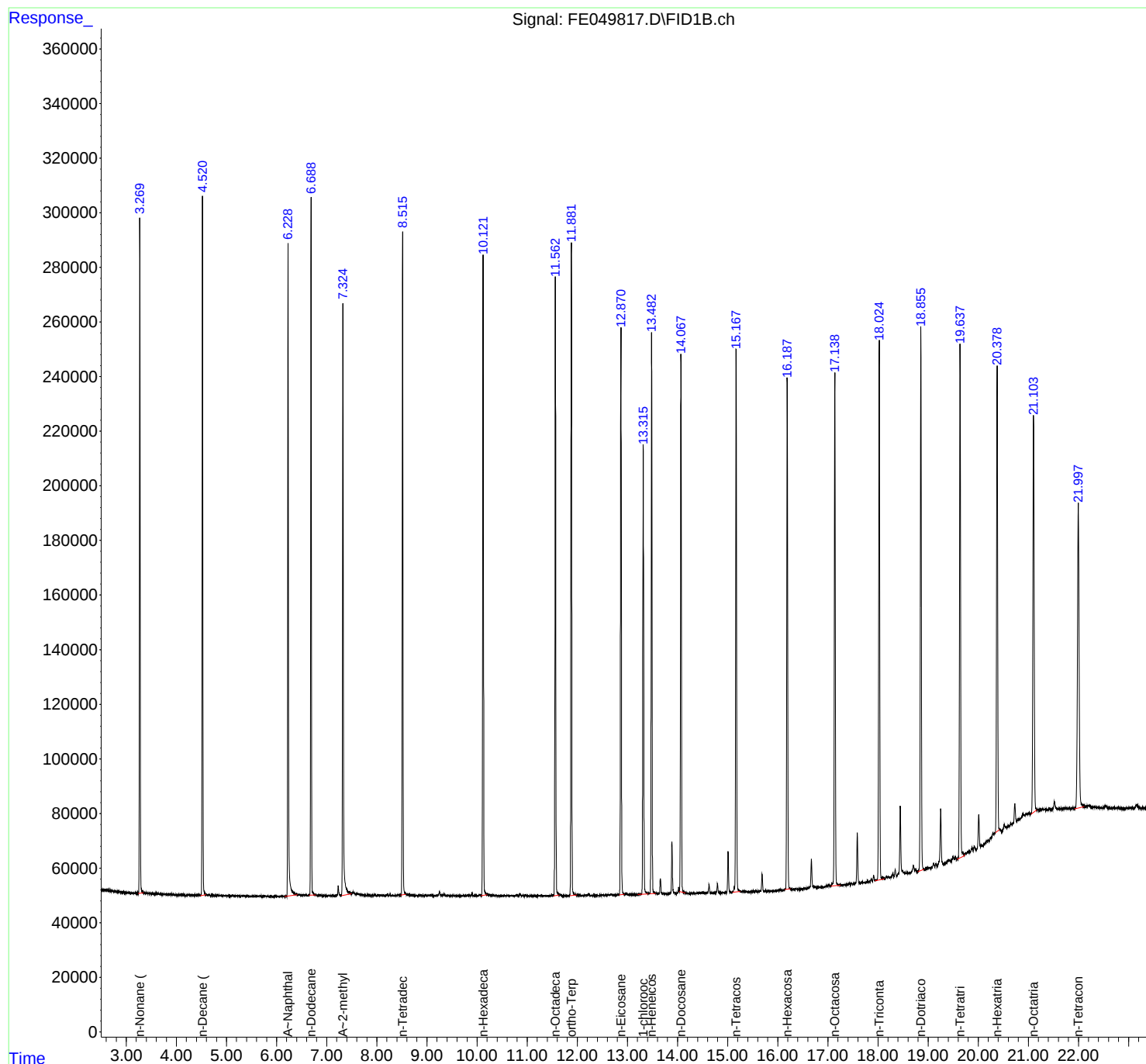
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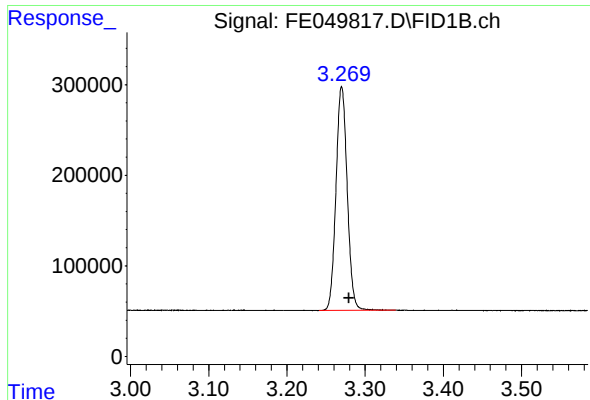
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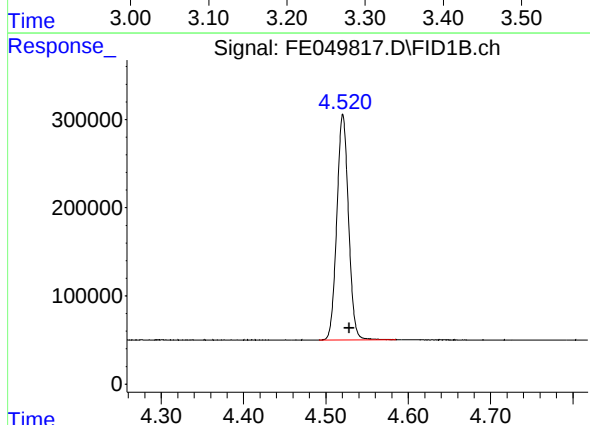
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.009 min
Response: 2470737
Conc: 15.97 ug/ml

Instrument :
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ClientSampleId :
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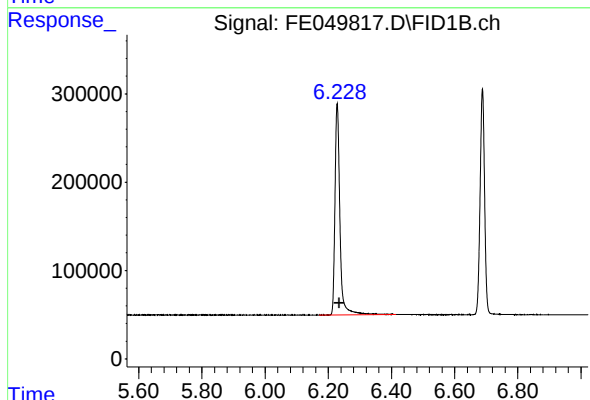
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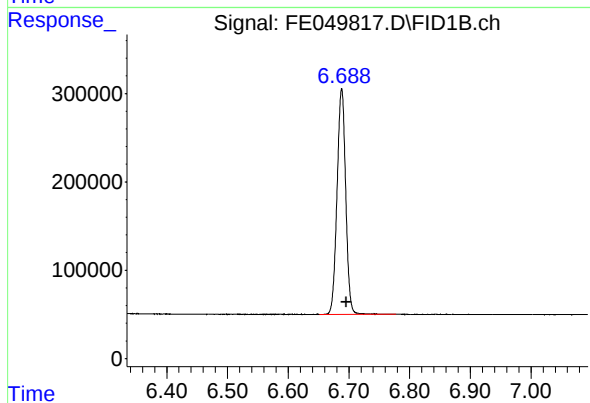
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.008 min
Response: 2518936
Conc: 15.95 ug/ml m



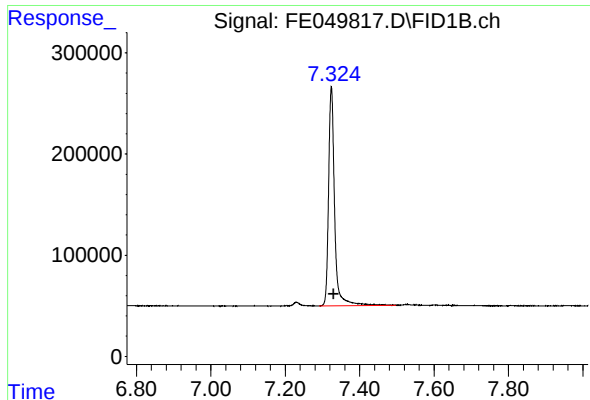
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.007 min
Response: 2586275
Conc: 16.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 2528857
Conc: 16.09 ug/ml



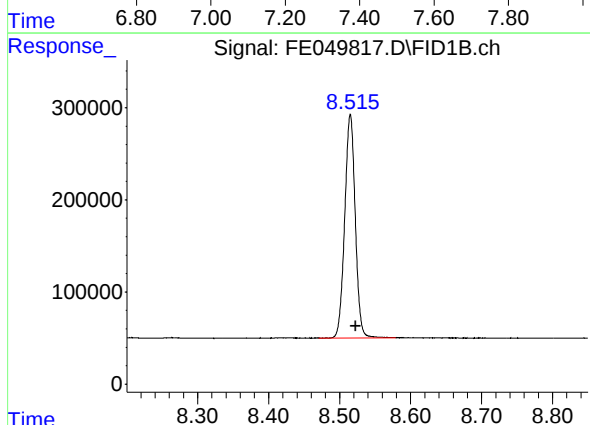
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.007 min
Response: 2436493
Conc: 16.27 ug/ml

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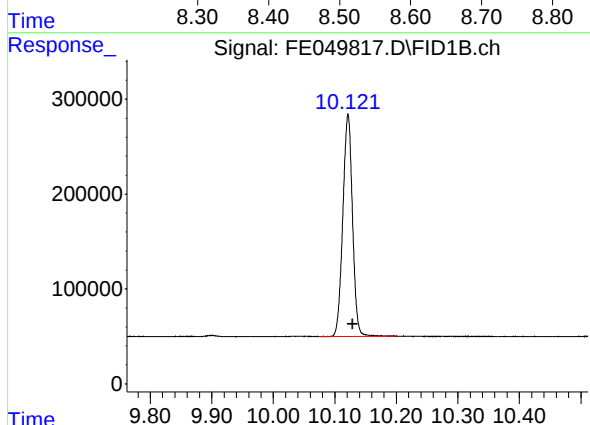
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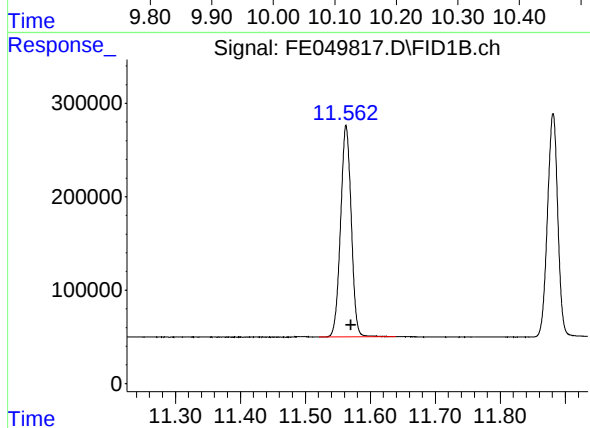
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.008 min
Response: 2497917
Conc: 16.18 ug/ml



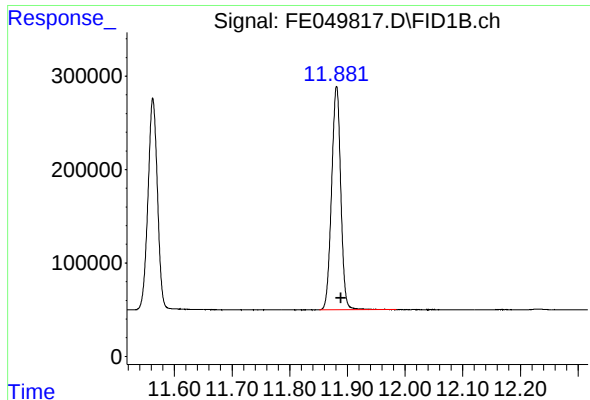
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 2553637
Conc: 16.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 2580759
Conc: 16.43 ug/ml



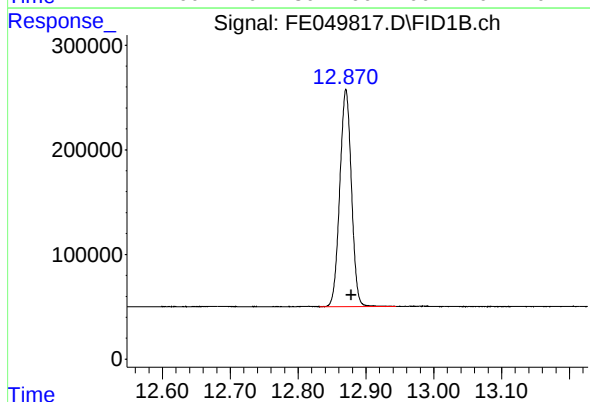
#9 ortho-Terphenyl (SURR)

R.T.: 11.881 min
Delta R.T.: -0.007 min
Response: 2649660
Conc: 16.39 ug/ml

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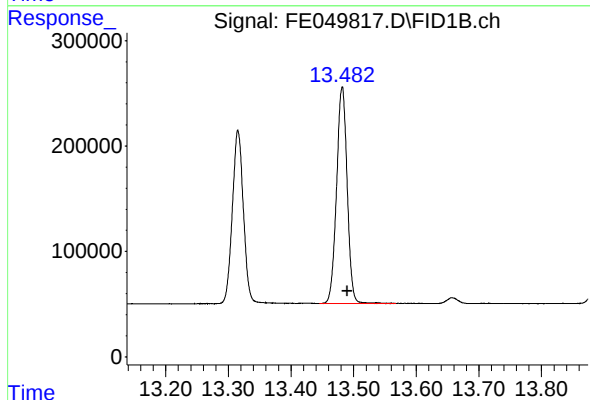
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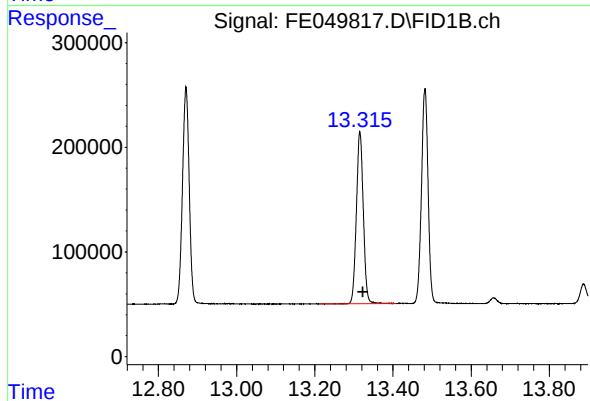
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 2472865
Conc: 16.56 ug/ml



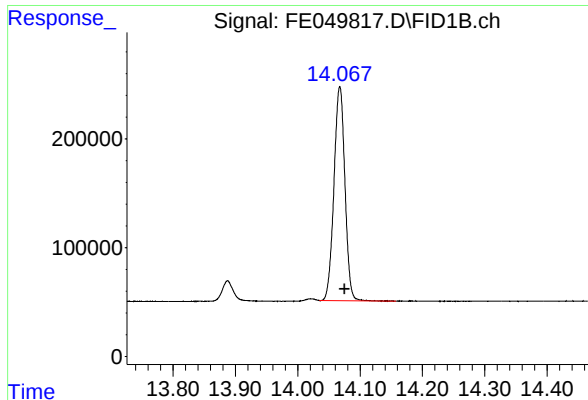
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.008 min
Response: 2417083
Conc: 16.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.008 min
Response: 2026073
Conc: 16.61 ug/ml



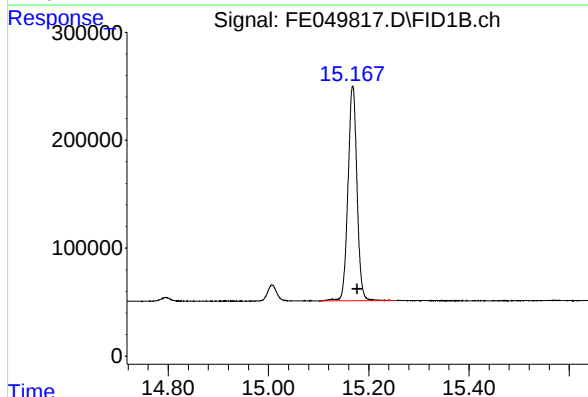
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 2398913
Conc: 16.46 ug/ml

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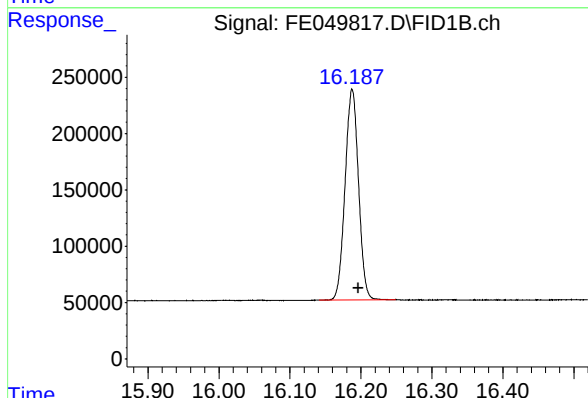
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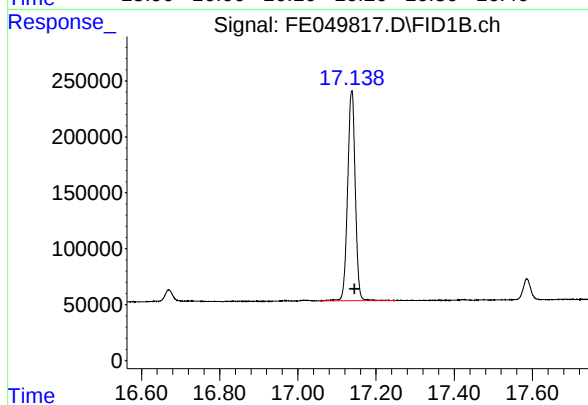
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.009 min
Response: 2485104
Conc: 17.08 ug/ml



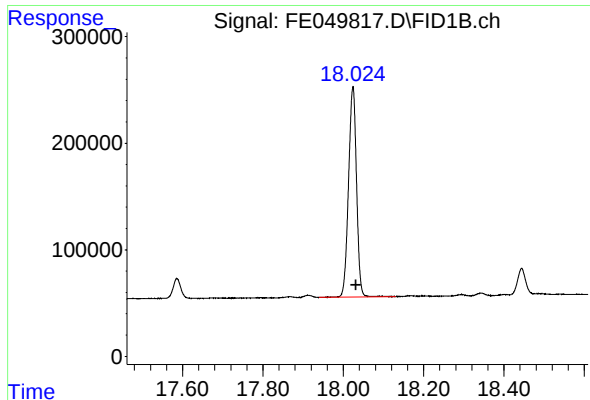
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 2461120
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: -0.007 min
Response: 2552638
Conc: 17.72 ug/ml



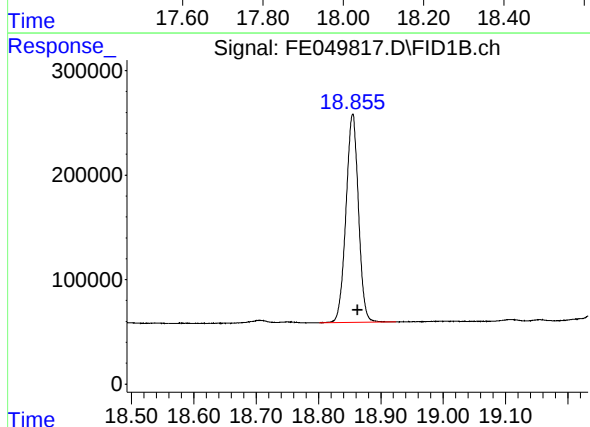
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 2727966
Conc: 18.22 ug/ml

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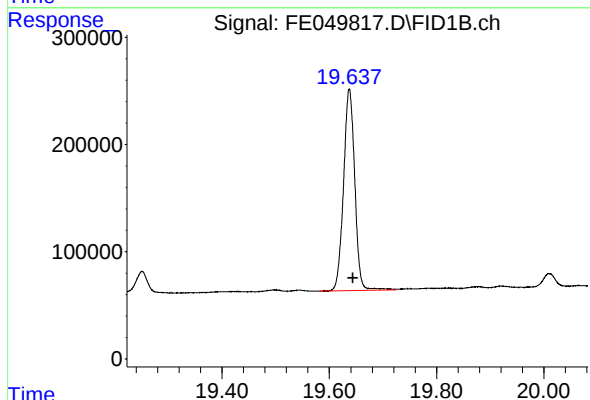
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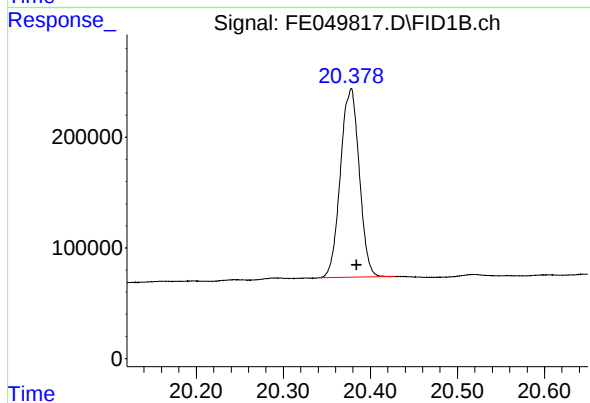
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.008 min
Response: 2773482
Conc: 18.33 ug/ml



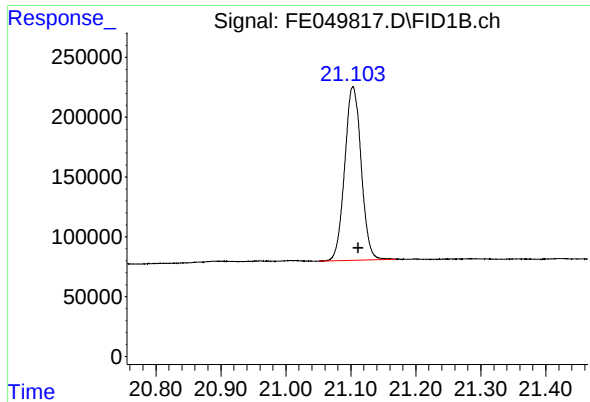
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 2725598
Conc: 17.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 2563538
Conc: 16.88 ug/ml



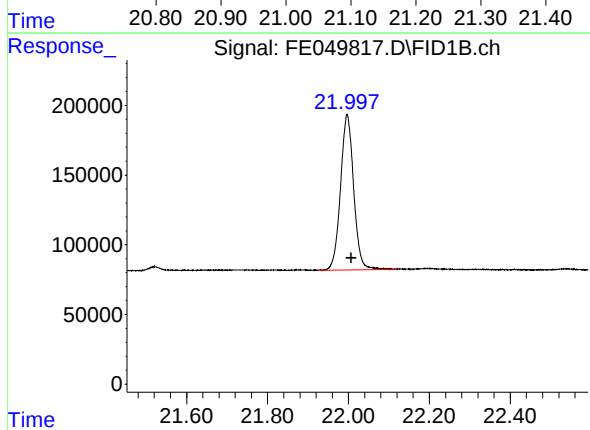
#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 2557924
Conc: 16.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.011 min
Response: 2513782
Conc: 16.46 ug/ml m