

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112024AL\
 Data File : FE051373.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2024 20:59
 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 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e
 Quant Time: Nov 21 01:43:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.844	3185341	21.222 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
12) S 1-chlorooctadecane (S...	13.275	2469268	21.750 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
Target Compounds			
1) T n-Nonane (C9)	3.233	2914531	21.063 ug/ml
2) T n-Decane (C10)	4.481	2966458	21.162 ug/ml
3) T A~Naphthalene (C11.7)	6.195	2797855	21.220 ug/ml
4) T n-Dodecane (C12)	6.647	2978578	21.095 ug/ml
5) T A~2-methylnaphthalene...	7.291	2678081	21.409 ug/ml
6) T n-Tetradecane (C14)	8.474	2928563	21.014 ug/ml
7) T n-Hexadecane (C16)	10.080	2996405	21.115 ug/ml
8) T n-Octadecane (C18)	11.522	3033702	21.244 ug/ml
10) T n-Eicosane (C20)	12.829	2936900	21.460 ug/ml
11) T n-Heneicosane (C21)	13.440	2871041	21.483 ug/ml
13) T n-Docosane (C22)	14.026	2850459	21.440 ug/ml
14) T n-Tetracosane (C24)	15.127	2813625	21.210 ug/ml
15) T n-Hexacosane (C26)	16.146	2737891	20.452 ug/ml
16) T n-Octacosane (C28)	17.095	2682541	19.677 ug/mlm
17) T n-Tricontane (C30)	17.981	2782515	19.152 ug/ml
18) T n-Dotriacontane (C32)	18.812	2915868	19.638 ug/ml
19) T n-Tetratriacontane (C34)	19.596	2555896	19.022 ug/ml
20) T n-Hexatriacontane (C36)	20.335	2239930	18.773 ug/ml
21) T n-Octatriacontane (C38)	21.058	2106016	18.504 ug/ml
22) T n-Tetracontane (C40)	21.934	1948286	17.517 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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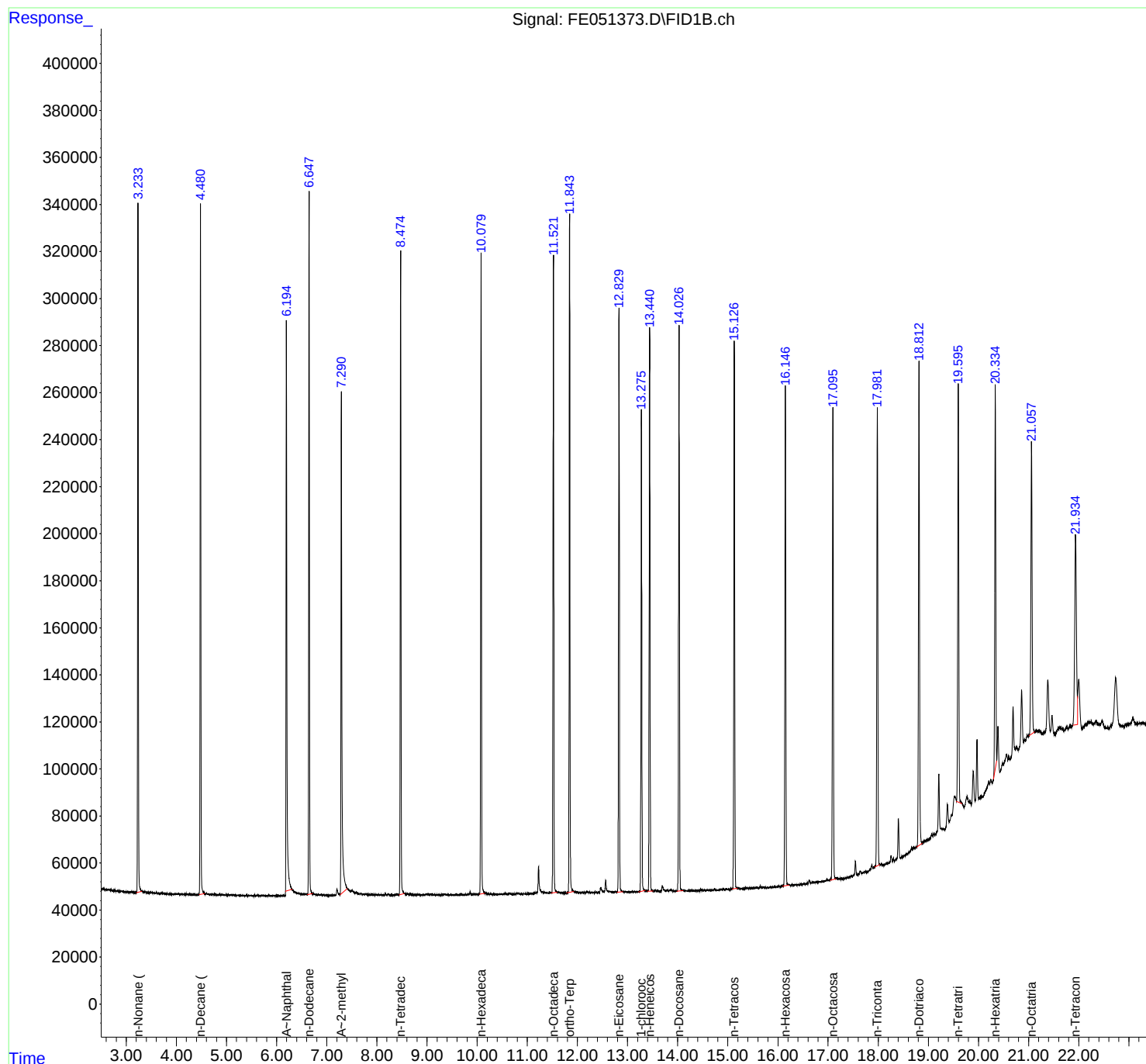
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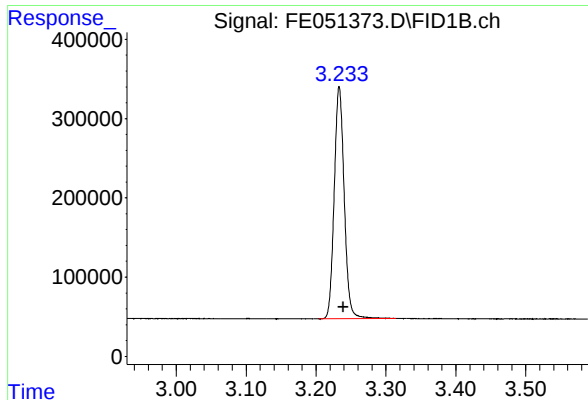
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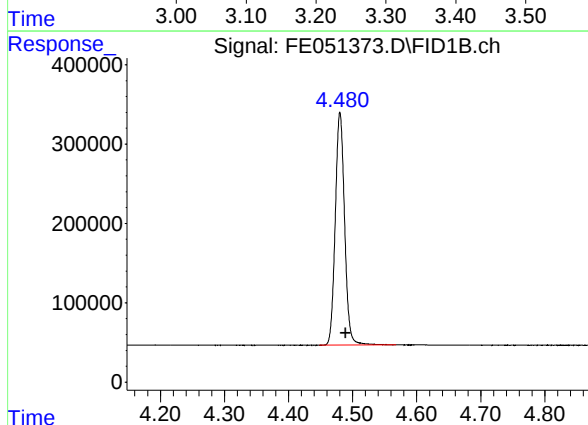
#1 n-Nonane (C9)

R.T.: 3.233 min
Delta R.T.: -0.006 min
Response: 2914531
Conc: 21.06 ug/ml

Instrument : FID_E
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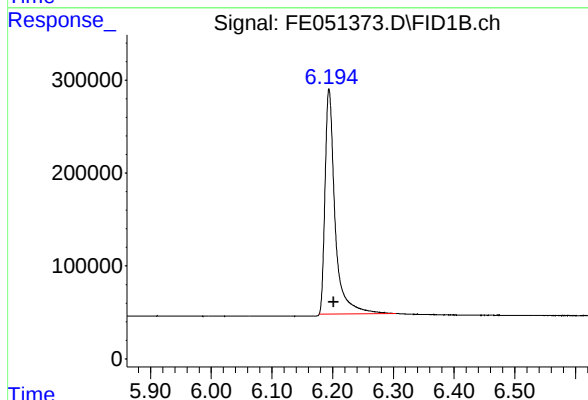
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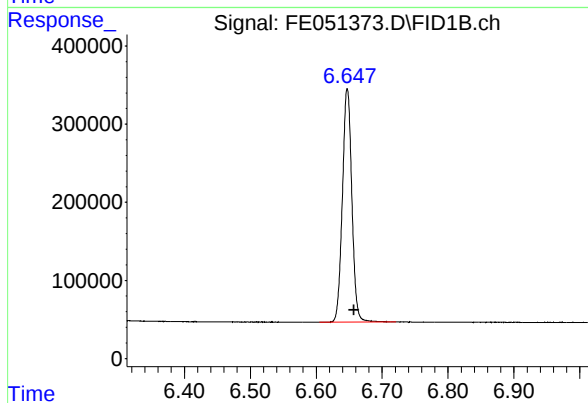
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 2966458
Conc: 21.16 ug/ml



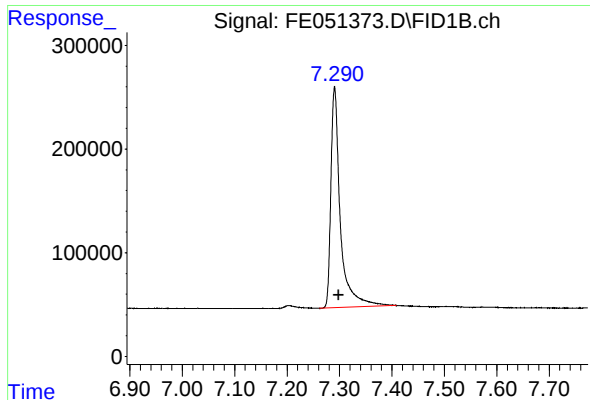
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.007 min
Response: 2797855
Conc: 21.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.010 min
Response: 2978578
Conc: 21.10 ug/ml



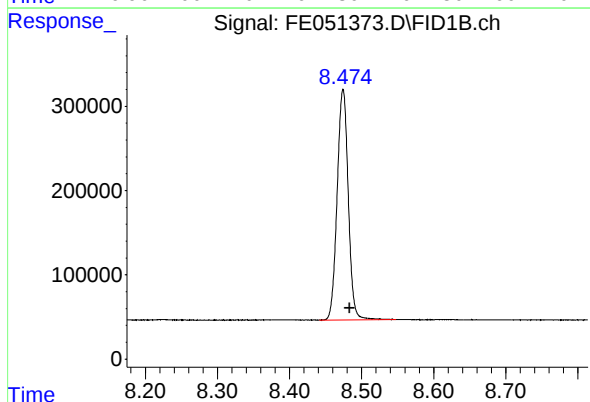
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: -0.007 min
Response: 2678081
Conc: 21.41 ug/ml

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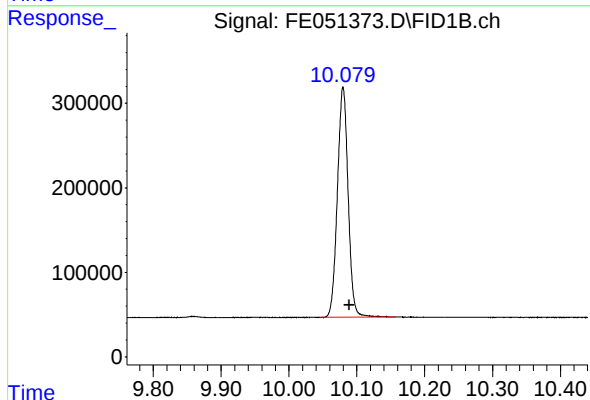
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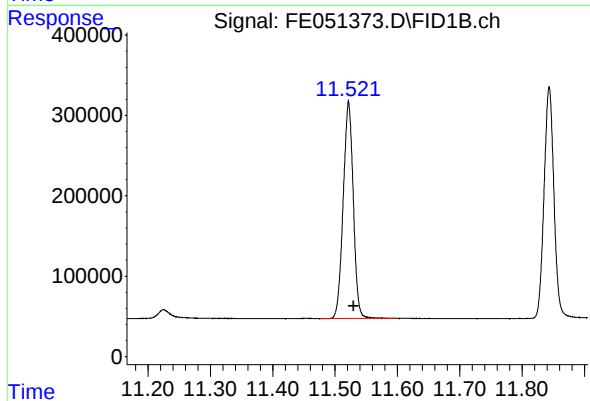
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.009 min
Response: 2928563
Conc: 21.01 ug/ml



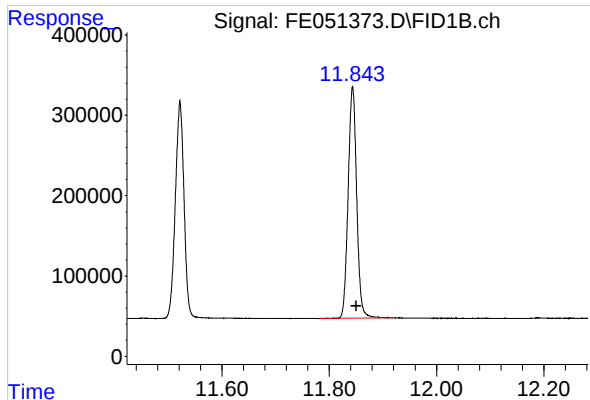
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.009 min
Response: 2996405
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.008 min
Response: 3033702
Conc: 21.24 ug/ml



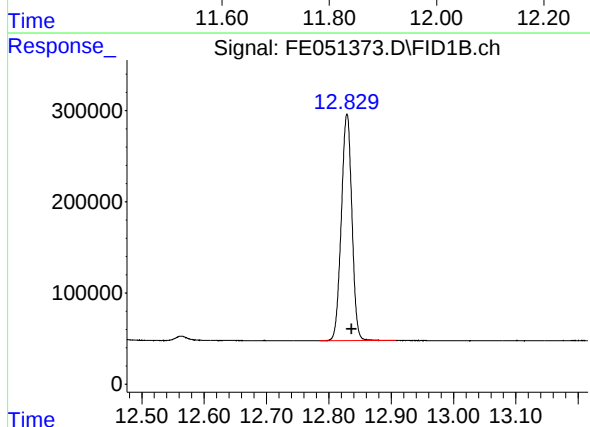
#9 ortho-Terphenyl (SURR)

R.T.: 11.844 min
Delta R.T.: -0.007 min
Response: 3185341
Conc: 21.22 ug/ml

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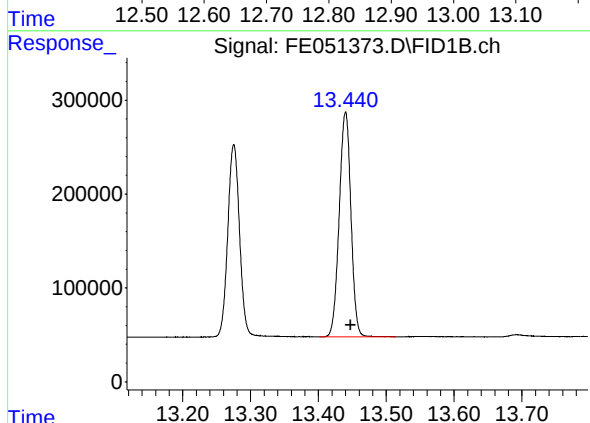
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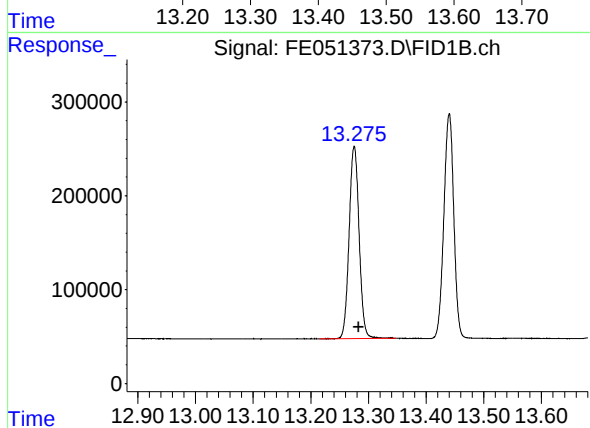
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.008 min
Response: 2936900
Conc: 21.46 ug/ml



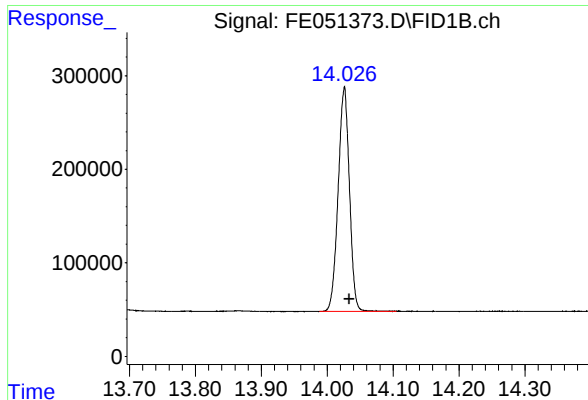
#11 n-Heneicosane (C21)

R.T.: 13.440 min
Delta R.T.: -0.008 min
Response: 2871041
Conc: 21.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.275 min
Delta R.T.: -0.008 min
Response: 2469268
Conc: 21.75 ug/ml



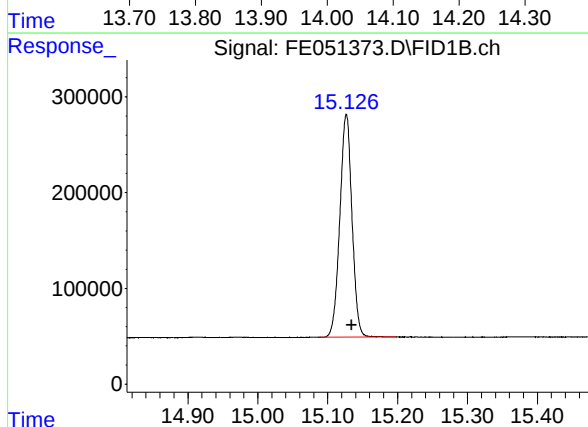
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.008 min
Response: 2850459
Conc: 21.44 ug/ml

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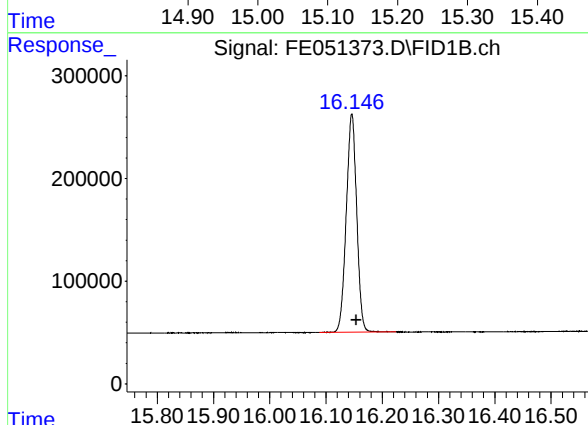
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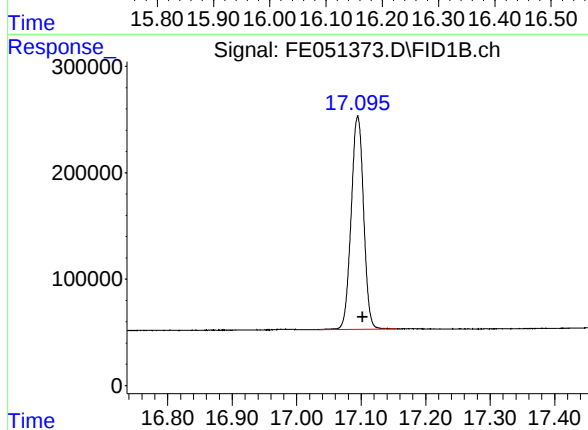
#14 n-Tetracosane (C24)

R.T.: 15.127 min
Delta R.T.: -0.008 min
Response: 2813625
Conc: 21.21 ug/ml



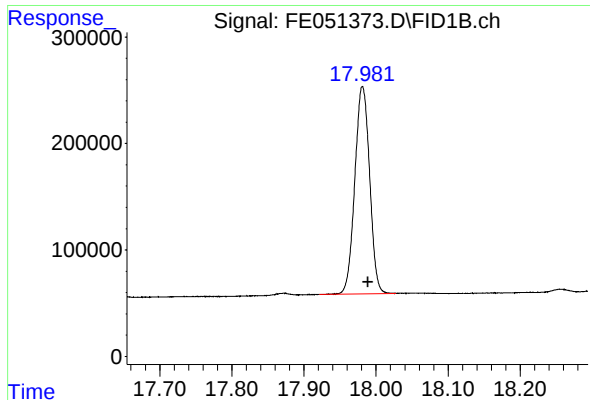
#15 n-Hexacosane (C26)

R.T.: 16.146 min
Delta R.T.: -0.008 min
Response: 2737891
Conc: 20.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.095 min
Delta R.T.: -0.008 min
Response: 2682541
Conc: 19.68 ug/ml m



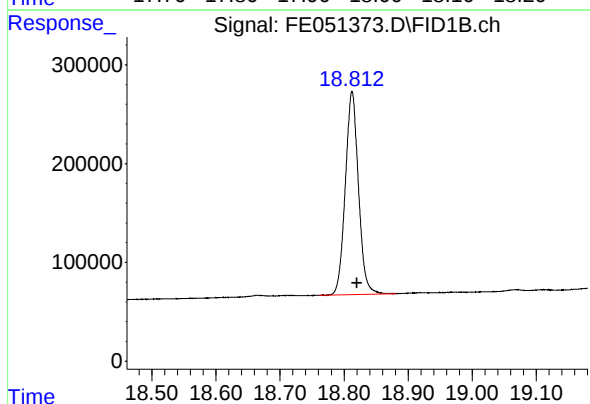
#17 n-Tricontane (C30)

R.T.: 17.981 min
Delta R.T.: -0.008 min
Response: 2782515
Conc: 19.15 ug/ml

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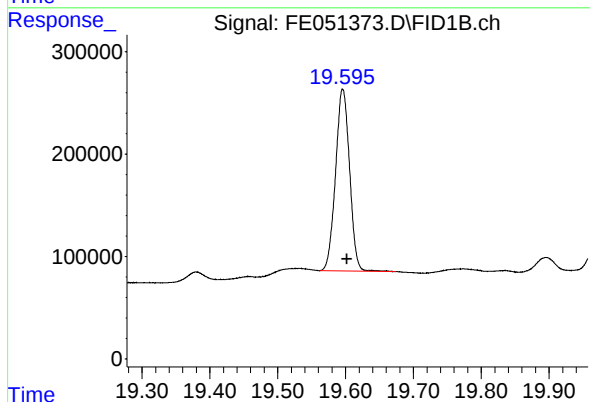
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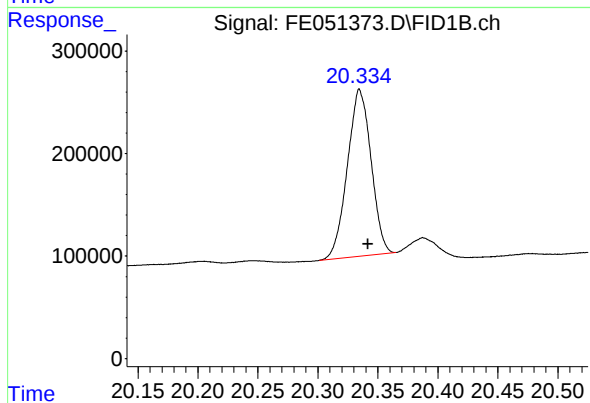
#18 n-Dotriacontane (C32)

R.T.: 18.812 min
Delta R.T.: -0.008 min
Response: 2915868
Conc: 19.64 ug/ml



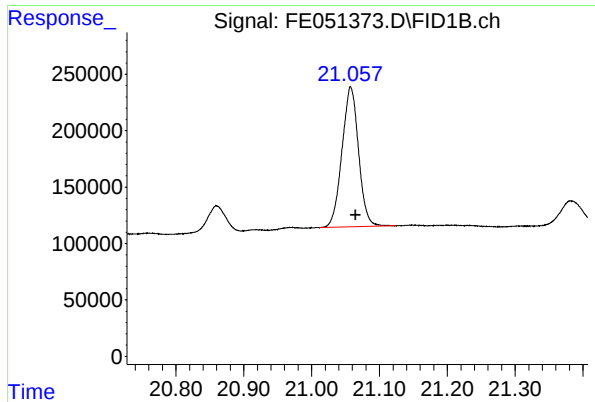
#19 n-Tetatriacontane (C34)

R.T.: 19.596 min
Delta R.T.: -0.006 min
Response: 2555896
Conc: 19.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.335 min
Delta R.T.: -0.007 min
Response: 2239930
Conc: 18.77 ug/ml



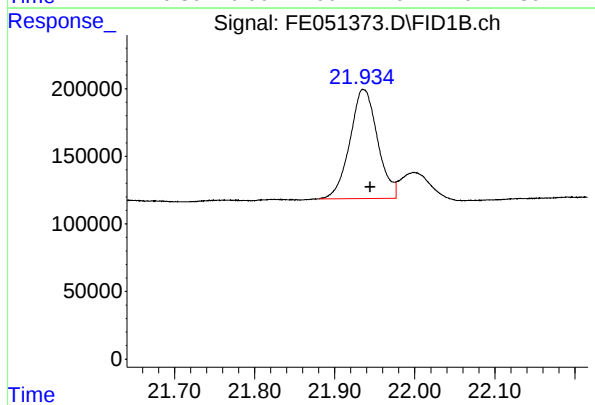
#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.007 min
Response: 2106016
Conc: 18.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: -0.010 min
Response: 1948286
Conc: 17.52 ug/ml m