

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044749.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 01:21
 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 10/10/2023
 Supervised By :Ankita Jodhani 10/10/2023

Integration File: autoint1.e
 Quant Time: Oct 10 02:41:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.915	3527677	18.790 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	13.356	2587094	19.017 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
Target Compounds			
1) T n-Nonane (C9)	3.299	2875452	17.711 ug/ml
2) T n-Decane (C10)	4.551	3010646	18.181 ug/ml
3) T A~Naphthalene (C11.7)	6.251	3258331	18.225 ug/ml
4) T n-Dodecane (C12)	6.716	3053856	18.360 ug/ml
5) T A~2-methylnaphthalene...	7.347	3147358	18.396 ug/ml
6) T n-Tetradecane (C14)	8.543	3036174	18.494 ug/ml
7) T n-Hexadecane (C16)	10.153	3149143	18.589 ug/ml
8) T n-Octadecane (C18)	11.600	3178080	18.718 ug/ml
10) T n-Eicosane (C20)	12.911	3025247	18.803 ug/ml
11) T n-Heneicosane (C21)	13.525	2936875	18.756 ug/ml
13) T n-Docosane (C22)	14.112	2921577	18.943 ug/ml
14) T n-Tetracosane (C24)	15.217	2897924	19.170 ug/ml
15) T n-Hexacosane (C26)	16.240	2840306	19.309 ug/ml
16) T n-Octacosane (C28)	17.192	2906153	20.263 ug/ml
17) T n-Tricontane (C30)	18.081	3249674	21.923 ug/ml
18) T n-Dotriacontane (C32)	18.916	3383177	22.854 ug/ml
19) T n-Tetratriacontane (C34)	19.700	3241405	22.180 ug/ml
20) T n-Hexatriacontane (C36)	20.443	3088489	21.292 ug/ml
21) T n-Octatriacontane (C38)	21.185	2977932	19.881 ug/ml
22) T n-Tetracontane (C40)	22.105	3032245	19.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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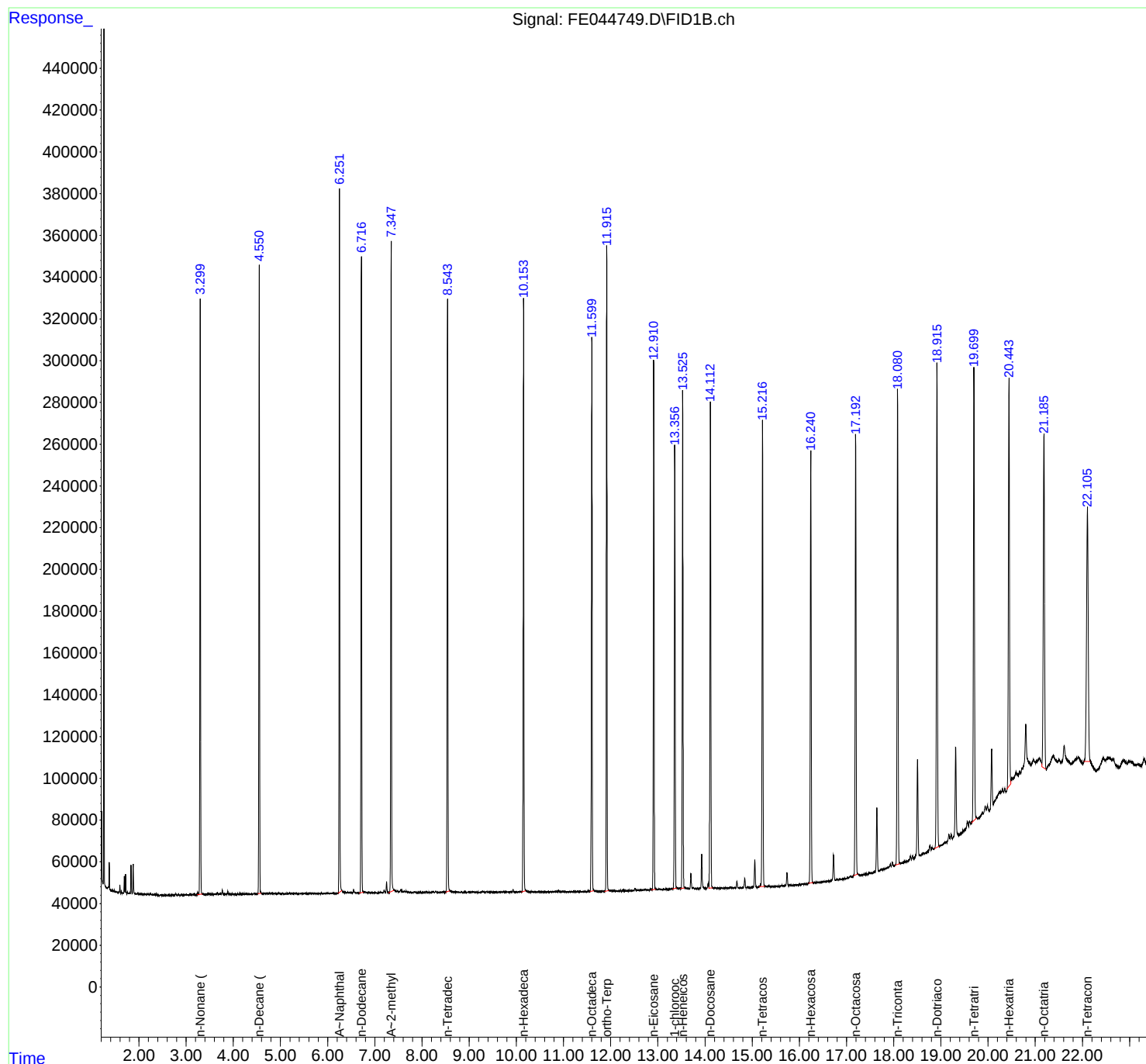
Instrument :
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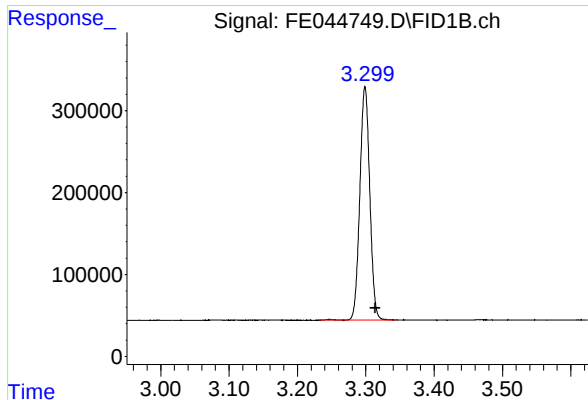
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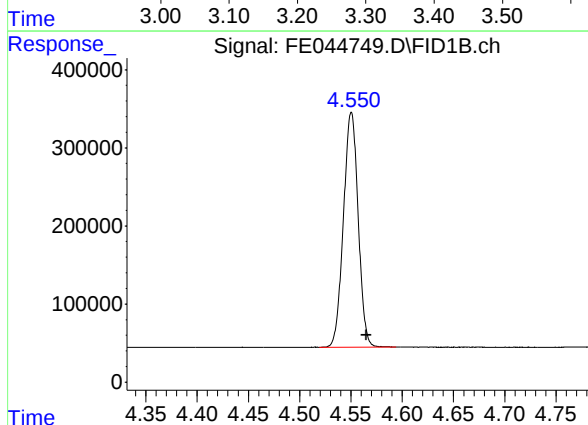
#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: -0.015 min
Response: 2875452
Conc: 17.71 ug/ml

Instrument :
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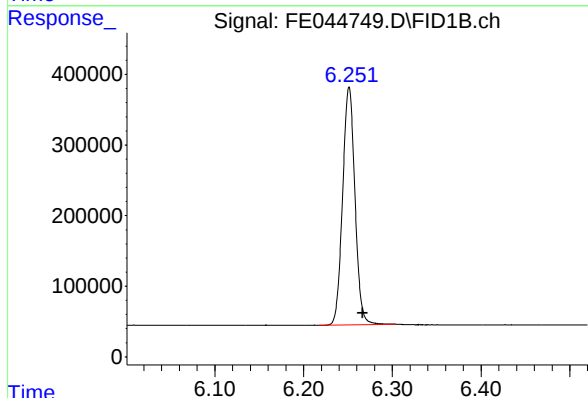
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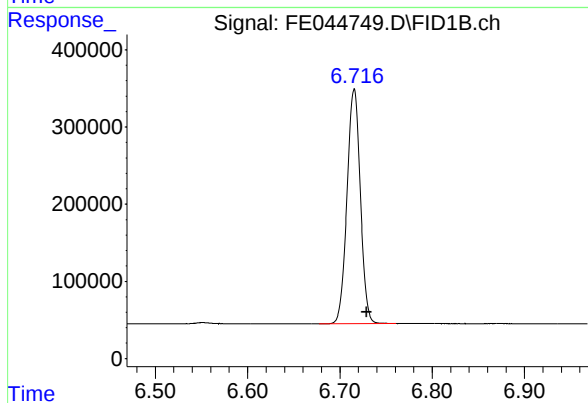
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.015 min
Response: 3010646
Conc: 18.18 ug/ml



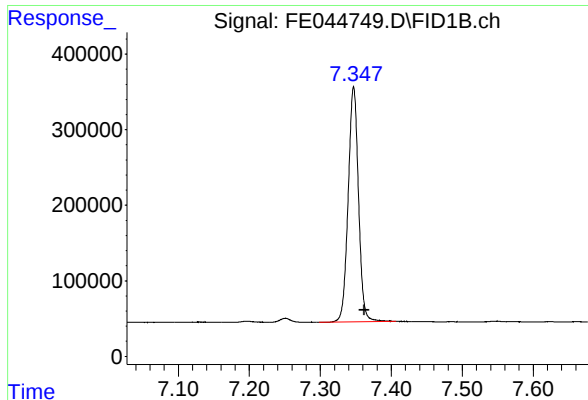
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.015 min
Response: 3258331
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 3053856
Conc: 18.36 ug/ml



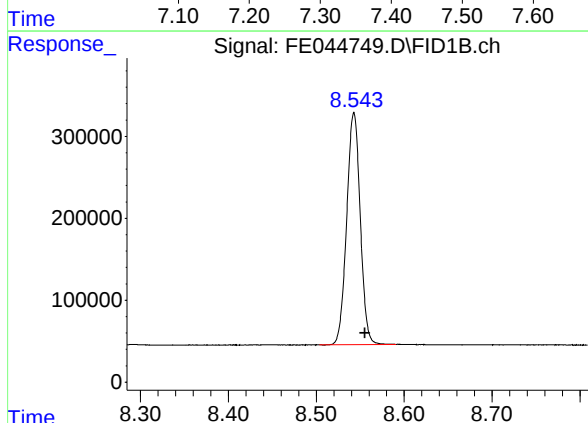
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.347 min
Delta R.T.: -0.015 min
Response: 3147358
Conc: 18.40 ug/ml

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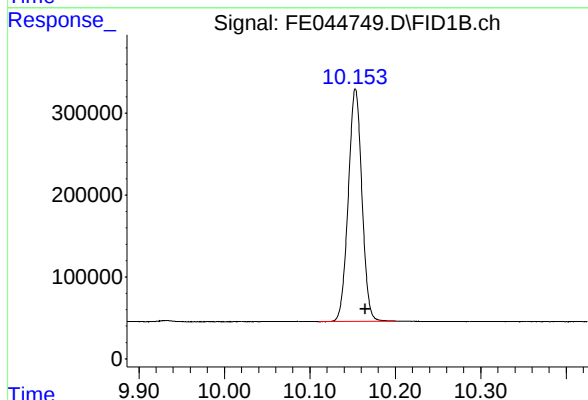
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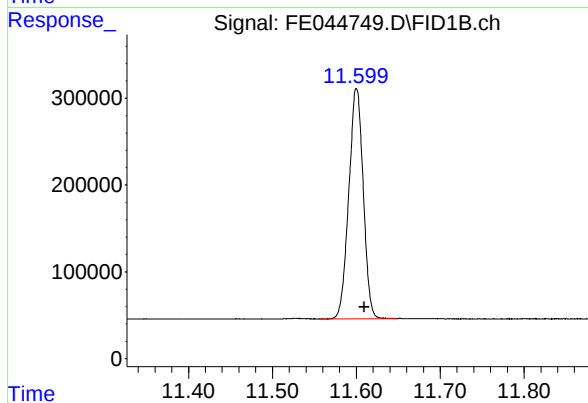
#6 n-Tetradecane (C14)

R.T.: 8.543 min
Delta R.T.: -0.012 min
Response: 3036174
Conc: 18.49 ug/ml



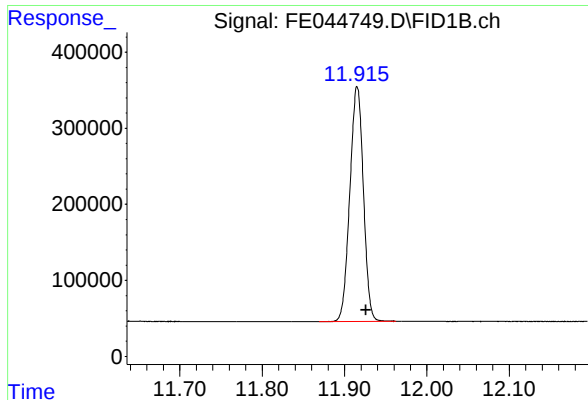
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.011 min
Response: 3149143
Conc: 18.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.009 min
Response: 3178080
Conc: 18.72 ug/ml



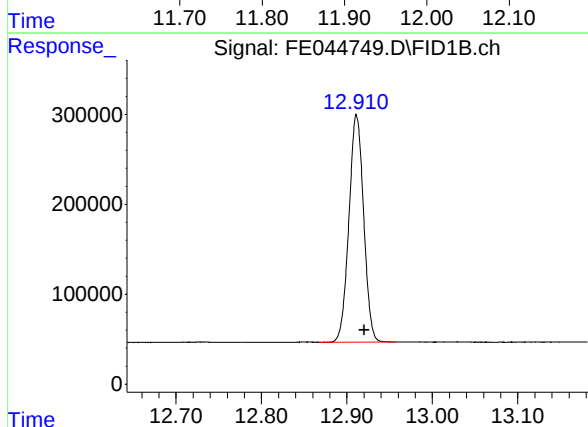
#9 ortho-Terphenyl (SURR)

R.T.: 11.915 min
Delta R.T.: -0.011 min
Response: 3527677
Conc: 18.79 ug/ml

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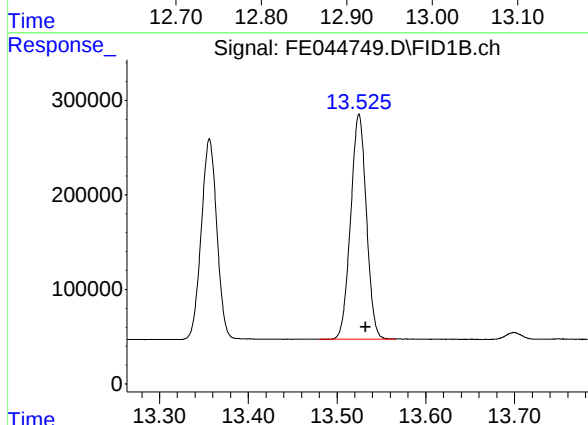
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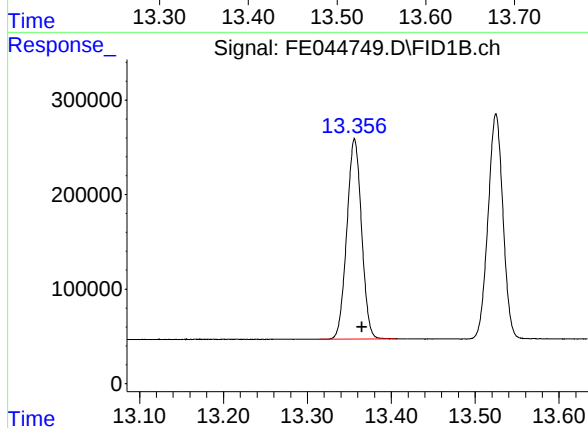
#10 n-Eicosane (C20)

R.T.: 12.911 min
Delta R.T.: -0.009 min
Response: 3025247
Conc: 18.80 ug/ml



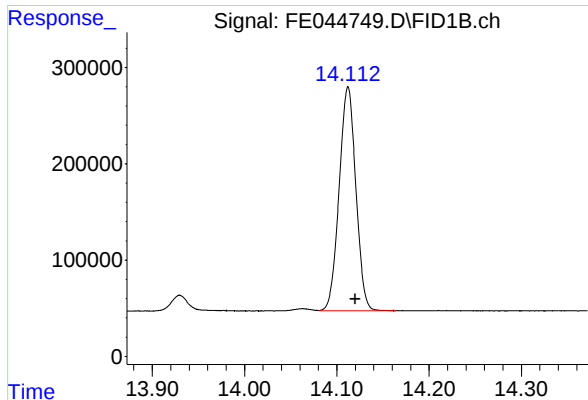
#11 n-Heneicosane (C21)

R.T.: 13.525 min
Delta R.T.: -0.008 min
Response: 2936875
Conc: 18.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.009 min
Response: 2587094
Conc: 19.02 ug/ml



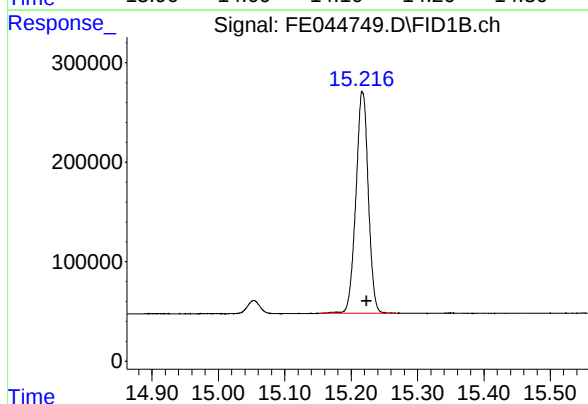
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 2921577
Conc: 18.94 ug/ml

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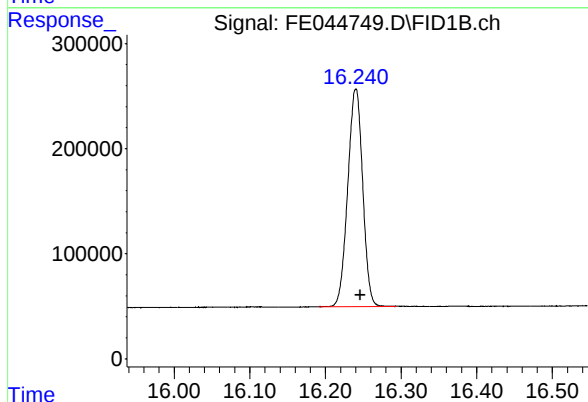
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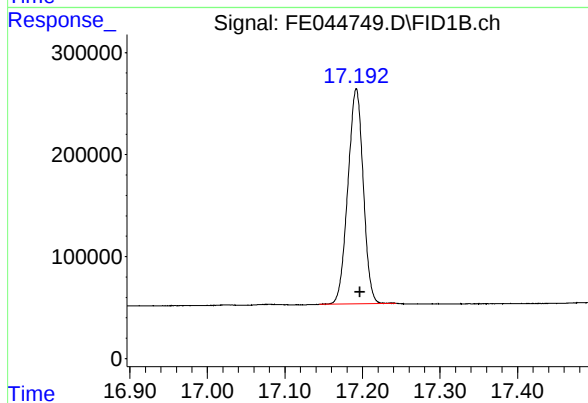
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.006 min
Response: 2897924
Conc: 19.17 ug/ml



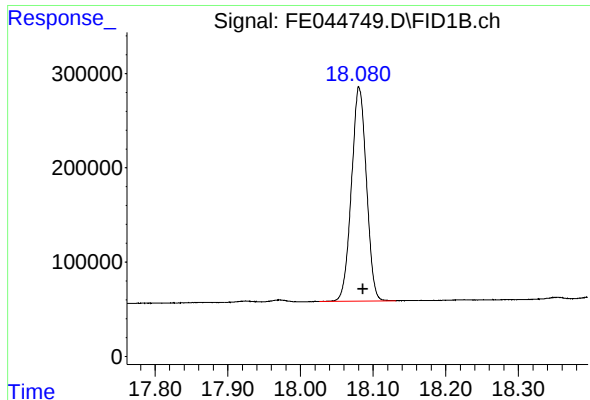
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: -0.006 min
Response: 2840306
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: -0.005 min
Response: 2906153
Conc: 20.26 ug/ml



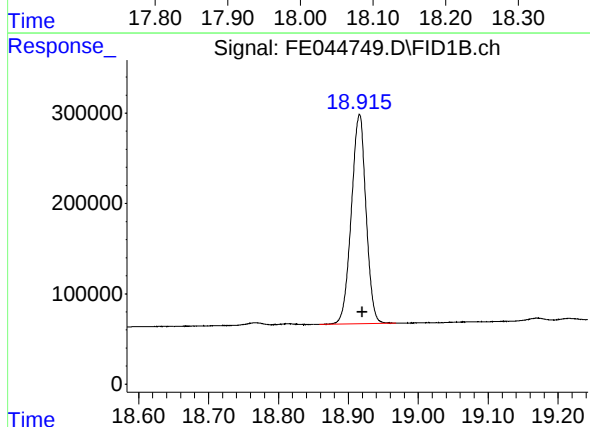
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: -0.005 min
Response: 3249674
Conc: 21.92 ug/ml

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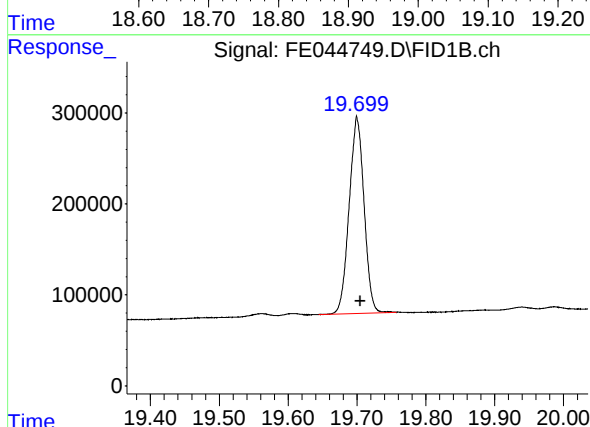
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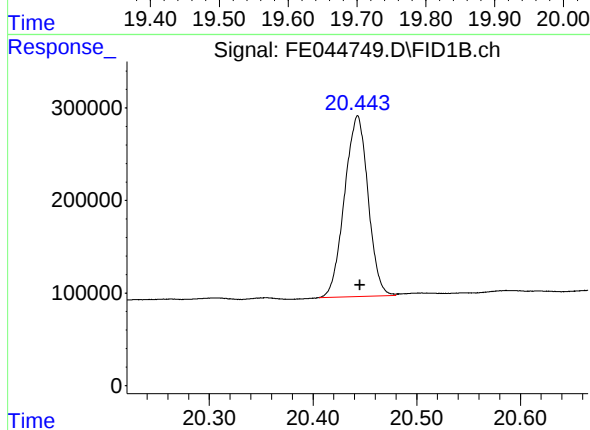
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.004 min
Response: 3383177
Conc: 22.85 ug/ml



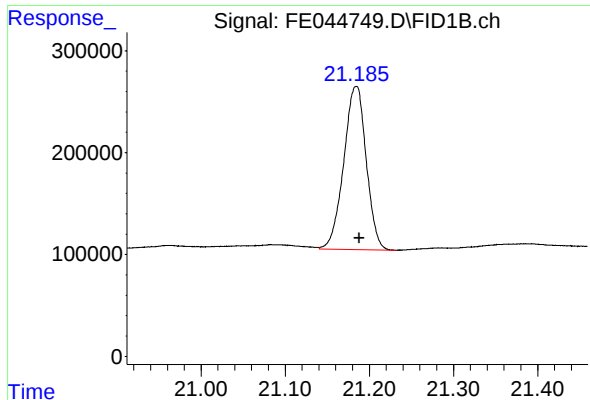
#19 n-Tetatriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 3241405
Conc: 22.18 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.002 min
Response: 3088489
Conc: 21.29 ug/ml



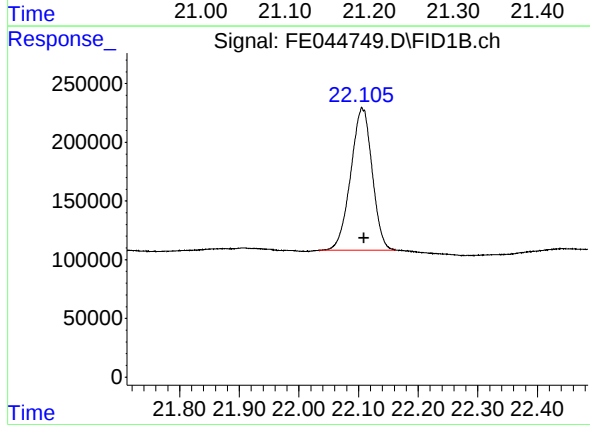
#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.004 min
Response: 2977932
Conc: 19.88 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.004 min
Response: 3032245
Conc: 19.21 ug/ml m