

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048491.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jun 2024 00:13
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 02:39:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.948	2684322	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	13.382	2052615	18.841 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.336	2759759	18.459 ug/ml
2) T n-Decane (C10)	4.586	2826439	18.718 ug/ml
3) T A~Naphthalene (C11.7)	6.292	2790419	18.740 ug/ml
4) T n-Dodecane (C12)	6.751	2767857	18.698 ug/ml
5) T A~2-methylnaphthalene...	7.388	2597544	18.734 ug/ml
6) T n-Tetradecane (C14)	8.579	2642581	18.632 ug/ml
7) T n-Hexadecane (C16)	10.186	2640982	18.733 ug/ml
8) T n-Octadecane (C18)	11.628	2604620	18.754 ug/ml
10) T n-Eicosane (C20)	12.937	2487005	18.793 ug/ml
11) T n-Heneicosane (C21)	13.549	2423774	18.712 ug/ml
13) T n-Docosane (C22)	14.134	2455568	19.056 ug/ml
14) T n-Tetracosane (C24)	15.236	2537581	19.588 ug/ml
15) T n-Hexacosane (C26)	16.255	2594395	20.018 ug/ml
16) T n-Octacosane (C28)	17.205	2691224	20.821 ug/ml
17) T n-Tricontane (C30)	18.091	2840589	21.204 ug/ml
18) T n-Dotriacontane (C32)	18.924	2869576	21.140 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2777881	20.306 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2749211	20.224 ug/ml
21) T n-Octatriacontane (C38)	21.182	2619369	19.207 ug/ml
22) T n-Tetracontane (C40)	22.098	2560908	18.703 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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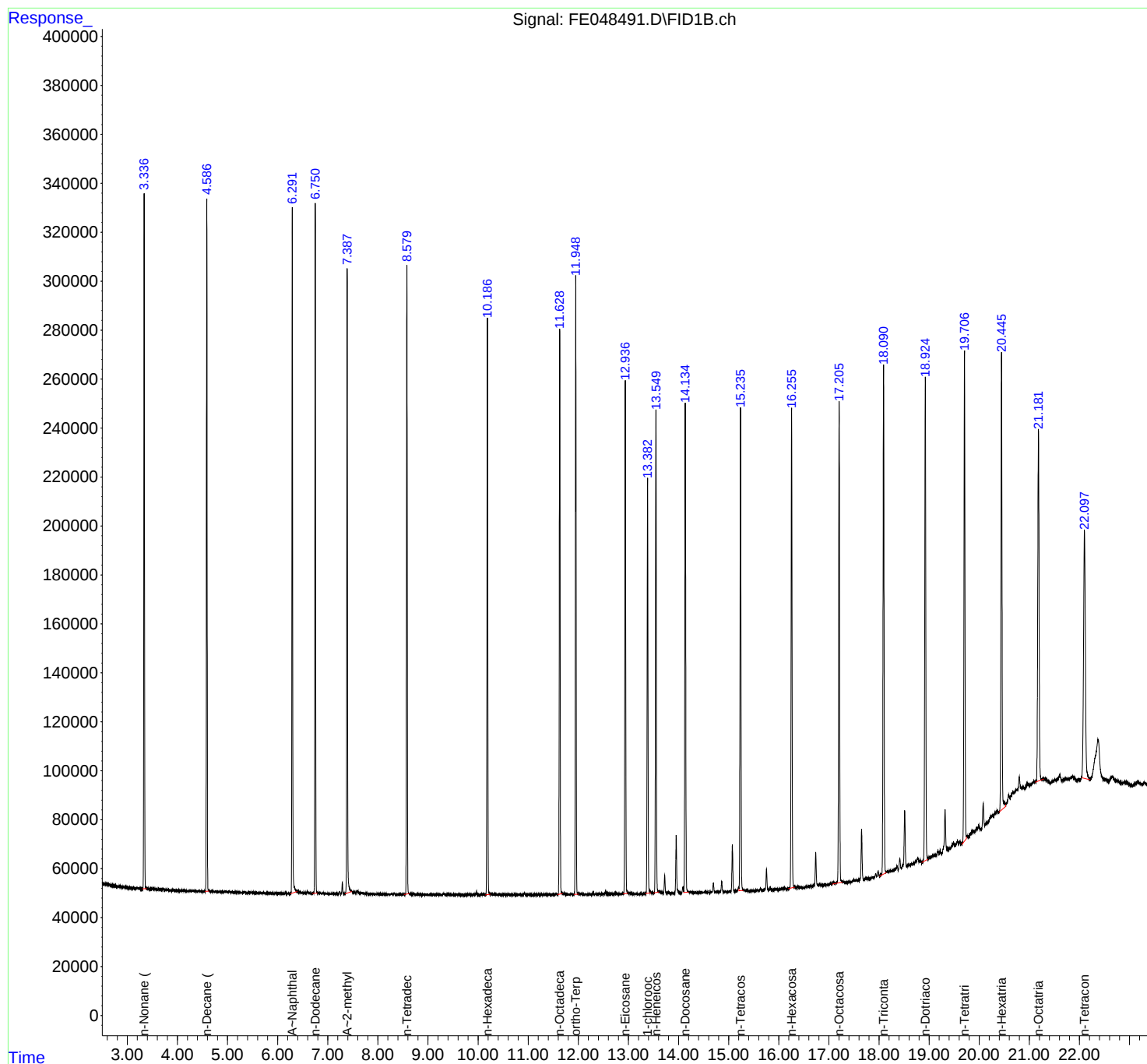
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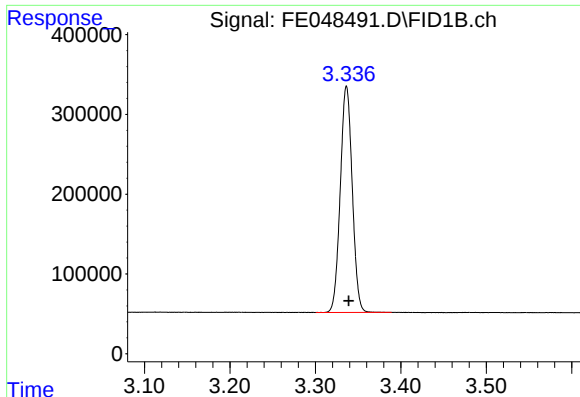
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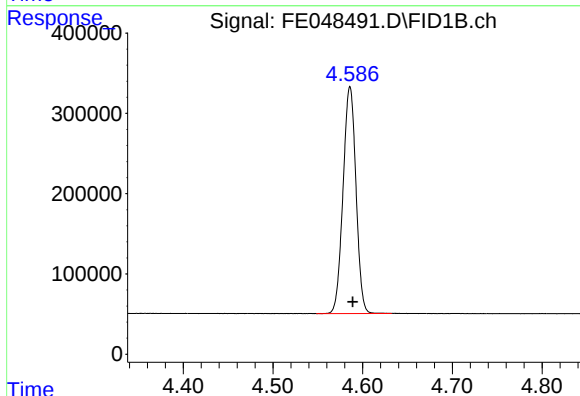
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.003 min
Response: 2759759
Conc: 18.46 ug/ml

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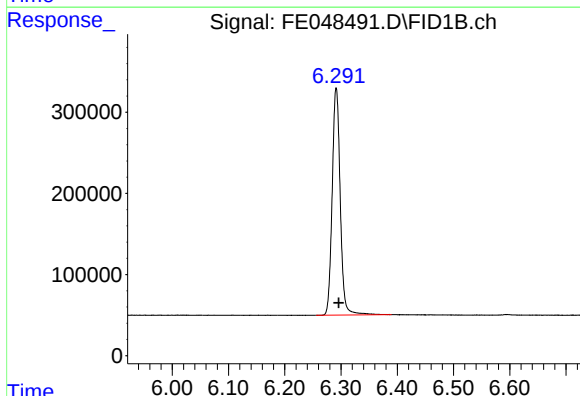
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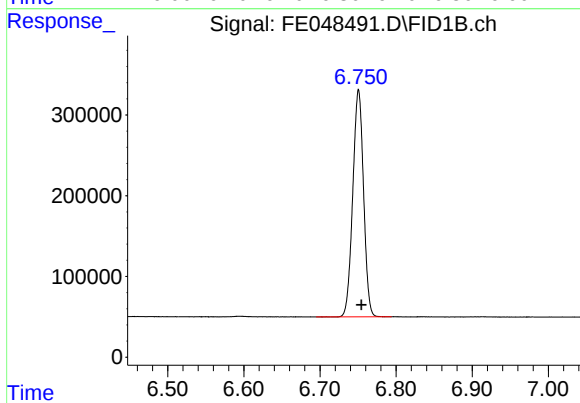
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.003 min
Response: 2826439
Conc: 18.72 ug/ml



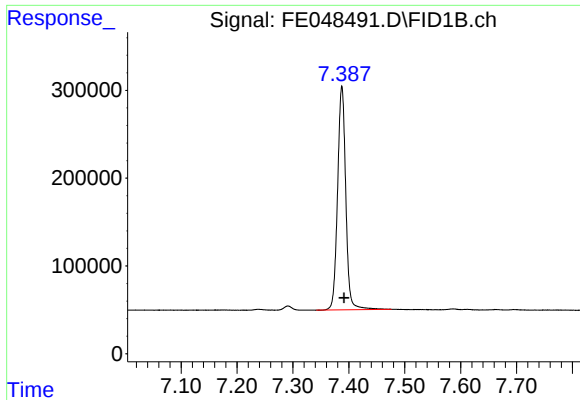
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min
Delta R.T.: -0.004 min
Response: 2790419
Conc: 18.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.751 min
Delta R.T.: -0.003 min
Response: 2767857
Conc: 18.70 ug/ml



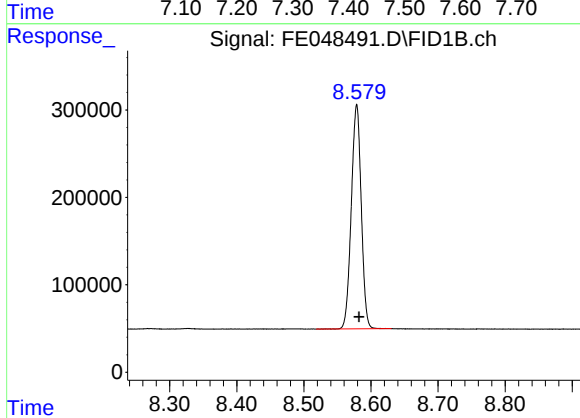
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 2597544
Conc: 18.73 ug/ml

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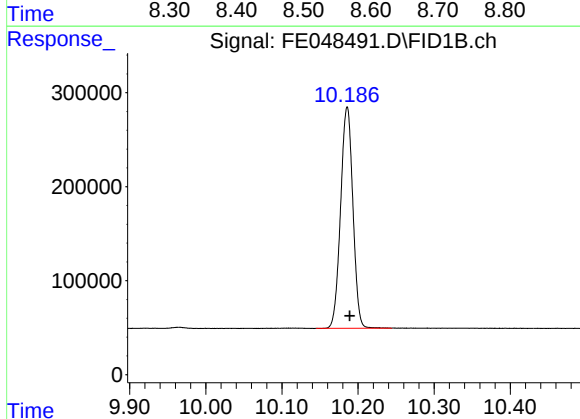
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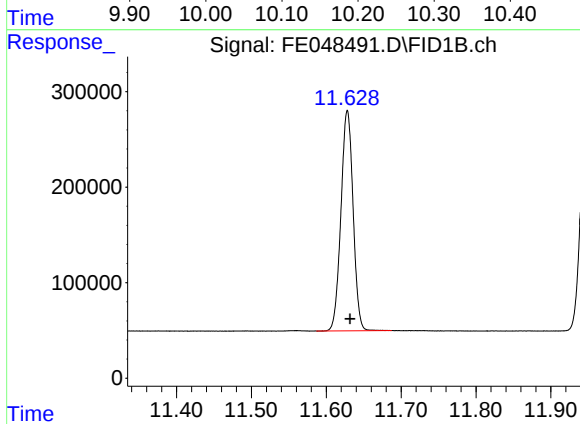
#6 n-Tetradecane (C14)

R.T.: 8.579 min
Delta R.T.: -0.004 min
Response: 2642581
Conc: 18.63 ug/ml



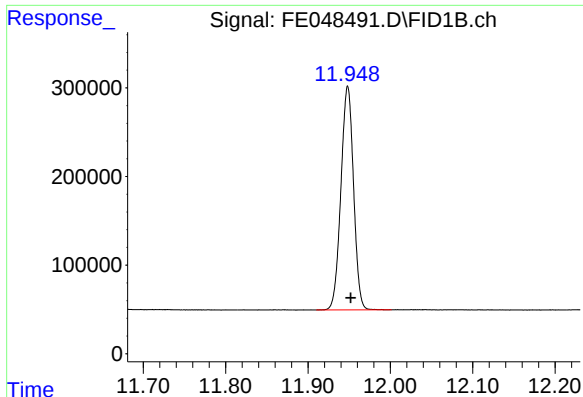
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.003 min
Response: 2640982
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.004 min
Response: 2604620
Conc: 18.75 ug/ml



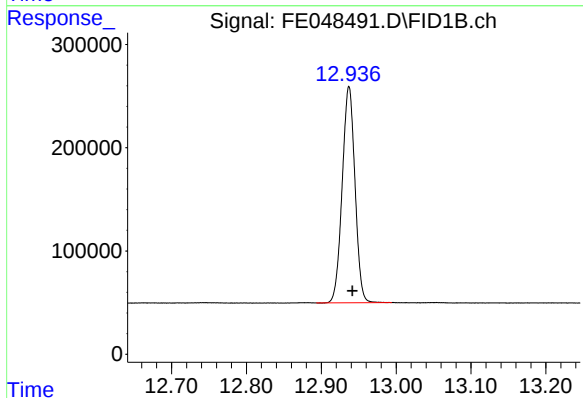
#9 ortho-Terphenyl (SURR)

R.T.: 11.948 min
Delta R.T.: -0.004 min
Response: 2684322
Conc: 18.69 ug/ml

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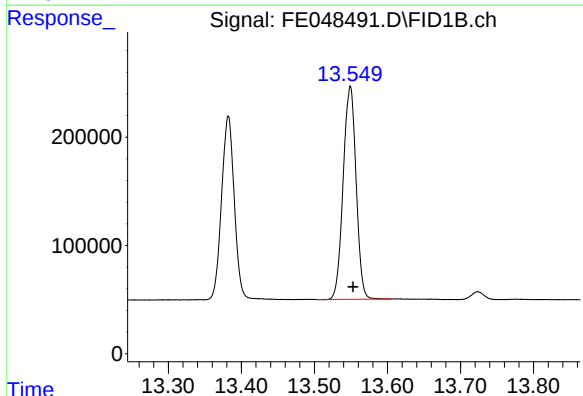
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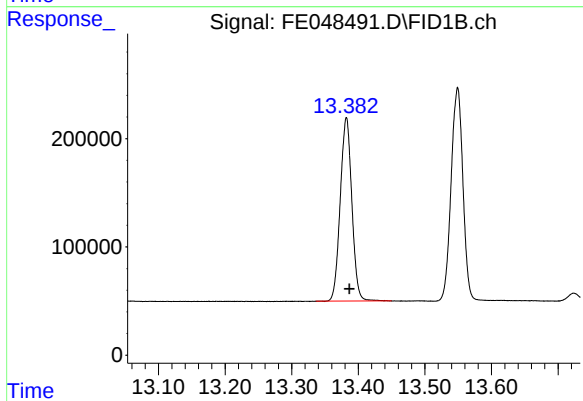
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 2487005
Conc: 18.79 ug/ml



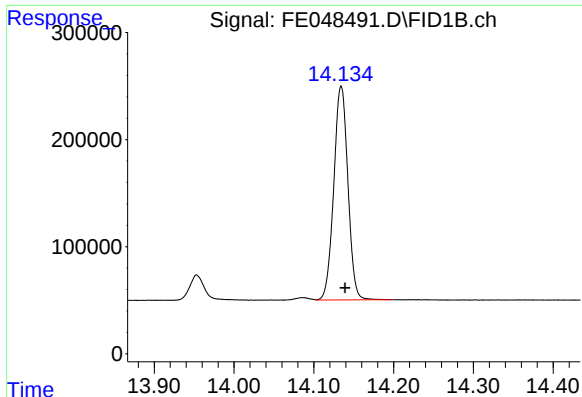
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 2423774
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 2052615
Conc: 18.84 ug/ml



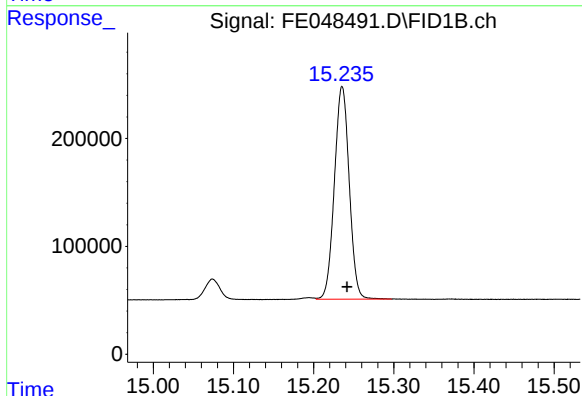
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.005 min
Response: 2455568
Conc: 19.06 ug/ml

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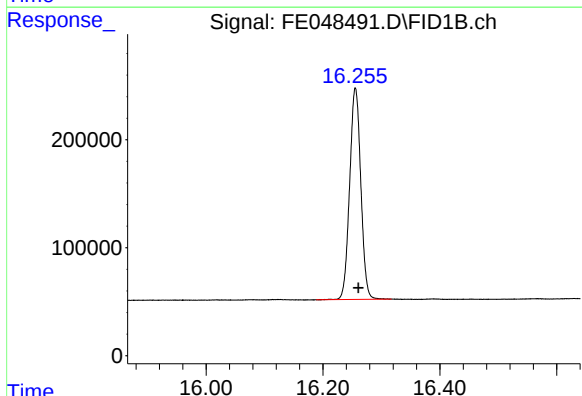
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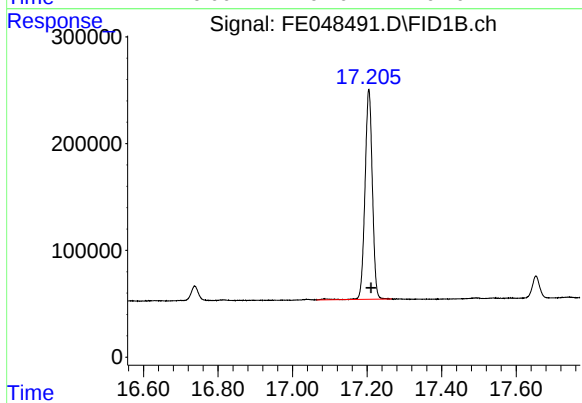
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.006 min
Response: 2537581
Conc: 19.59 ug/ml



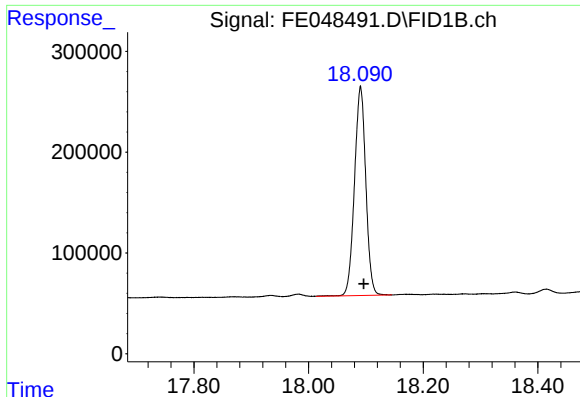
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.005 min
Response: 2594395
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.005 min
Response: 2691224
Conc: 20.82 ug/ml



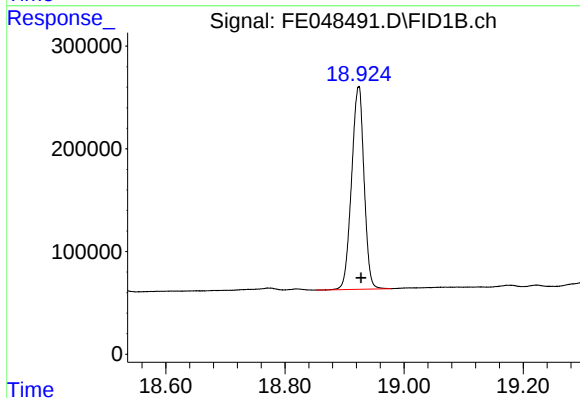
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.006 min
Response: 2840589
Conc: 21.20 ug/ml

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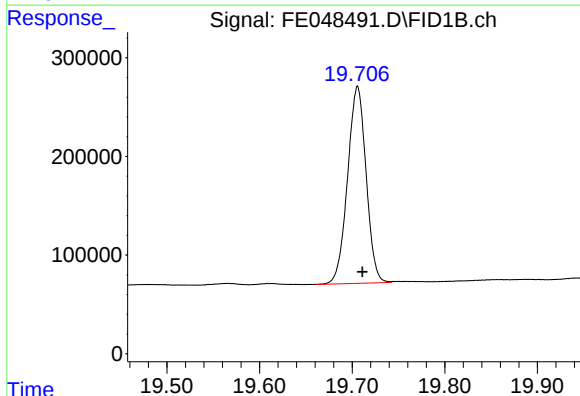
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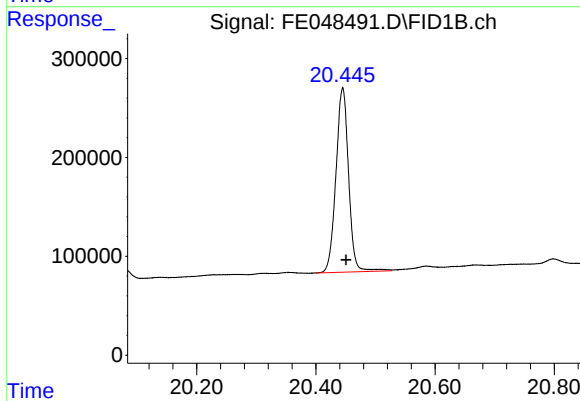
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.004 min
Response: 2869576
Conc: 21.14 ug/ml



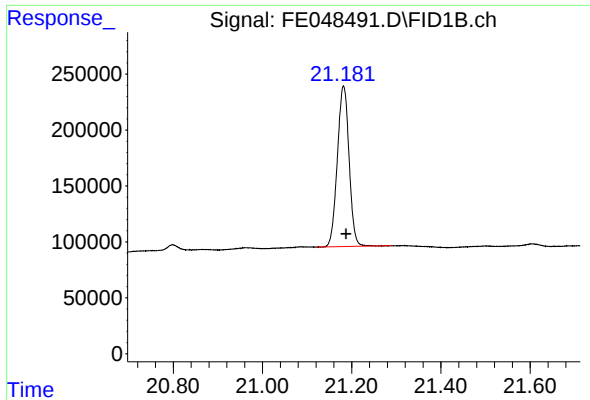
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.006 min
Response: 2777881
Conc: 20.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.005 min
Response: 2749211
Conc: 20.22 ug/ml



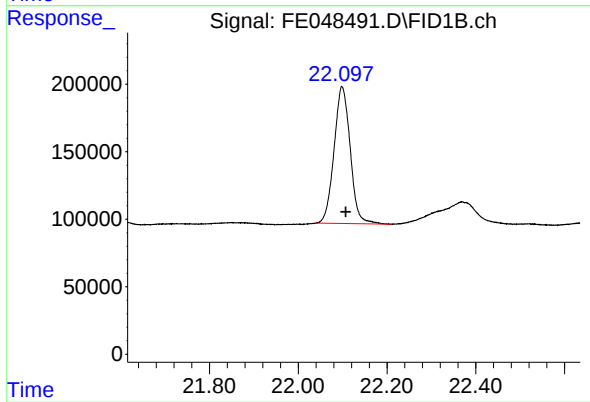
#21 n-Octatriacontane (C38)

R.T.: 21.182 min
Delta R.T.: -0.006 min
Response: 2619369
Conc: 19.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.009 min
Response: 2560908
Conc: 18.70 ug/ml