

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062624AL\
 Data File : FE048892.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2024 08:31
 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 06/26/2024
 Supervised By :Ankita Jodhani 06/26/2024

Integration File: autoint1.e
 Quant Time: Jun 26 10:59:29 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)	11.934	3264500	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
12) S 1-chlorooctadecane (S...	13.370	2489551	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.323	3128928	20.812 ug/ml
2) T n-Decane (C10)	4.571	3196427	20.771 ug/ml
3) T A~Naphthalene (C11.7)	6.277	3262859	20.553 ug/ml
4) T n-Dodecane (C12)	6.736	3183162	20.620 ug/ml
5) T A~2-methylnaphthalene...	7.372	3105563	20.507 ug/ml
6) T n-Tetradecane (C14)	8.564	3119360	20.353 ug/ml
7) T n-Hexadecane (C16)	10.172	3188523	20.393 ug/ml
8) T n-Octadecane (C18)	11.615	3198634	20.056 ug/ml
10) T n-Eicosane (C20)	12.924	3049561	19.670 ug/ml
11) T n-Heneicosane (C21)	13.535	2981375	19.580 ug/ml
13) T n-Docosane (C22)	14.121	2945472	19.476 ug/ml
14) T n-Tetracosane (C24)	15.223	2901575	19.308 ug/ml
15) T n-Hexacosane (C26)	16.244	2845826	19.276 ug/ml
16) T n-Octacosane (C28)	17.193	2815174	19.521 ug/ml
17) T n-Tricontane (C30)	18.081	2918017	19.946 ug/ml
18) T n-Dotriacontane (C32)	18.912	2901325	20.292 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2814555	20.341 ug/mlm
20) T n-Hexatriacontane (C36)	20.435	2692684	20.718 ug/ml
21) T n-Octatriacontane (C38)	21.171	2645671	20.638 ug/ml
22) T n-Tetracontane (C40)	22.087	2749441	22.452 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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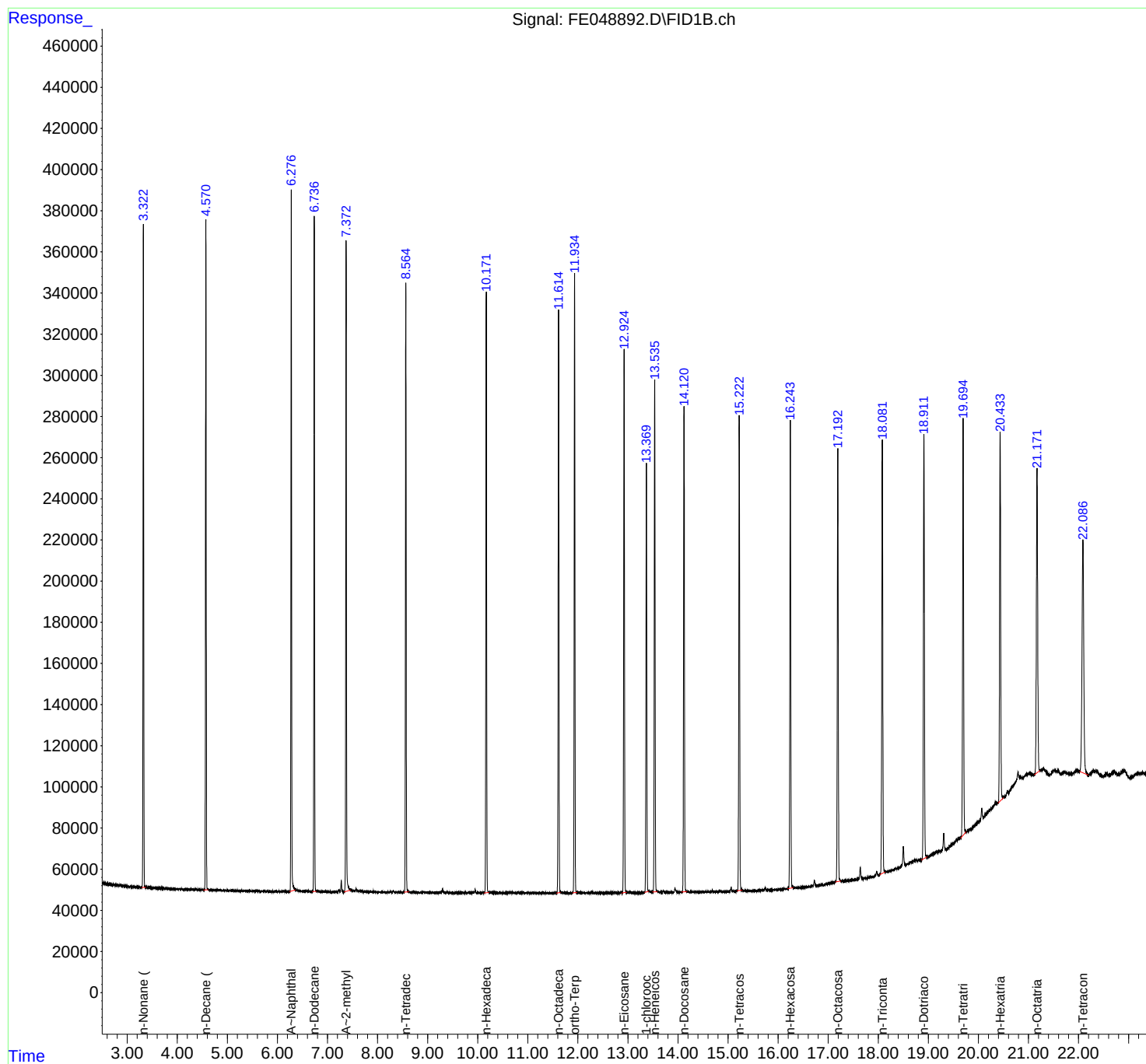
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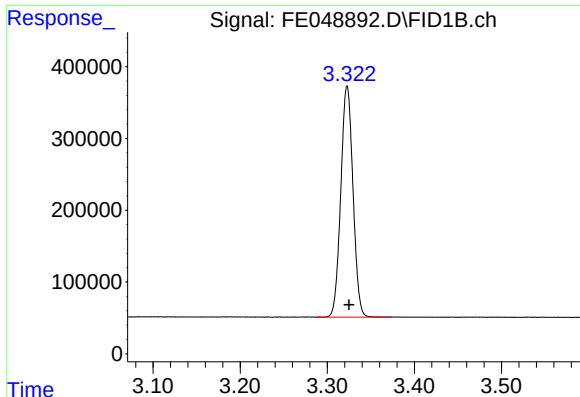
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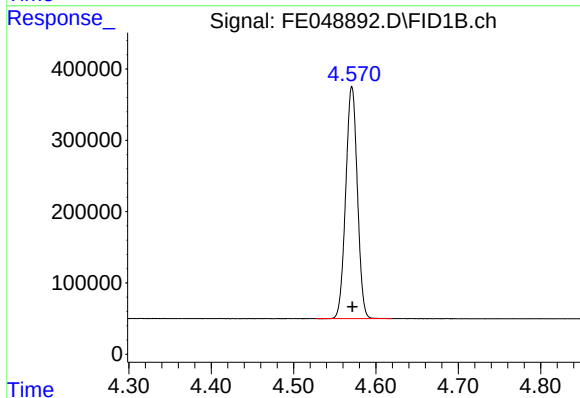
#1 n-Nonane (C9)

R.T.: 3.323 min
Delta R.T.: -0.002 min
Response: 3128928
Conc: 20.81 ug/ml

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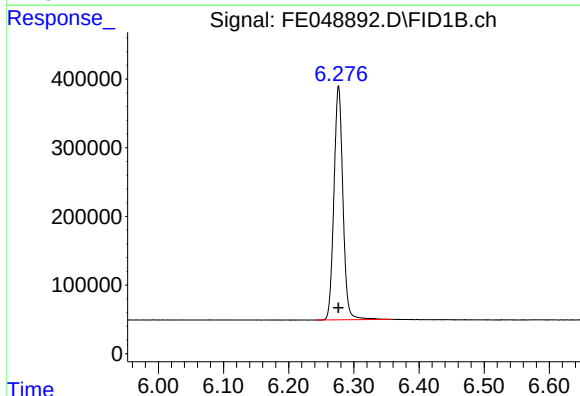
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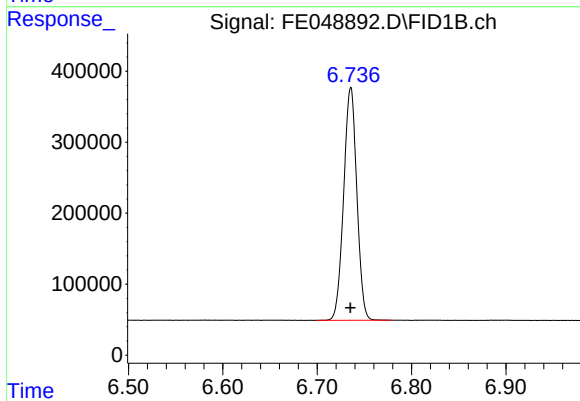
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 3196427
Conc: 20.77 ug/ml



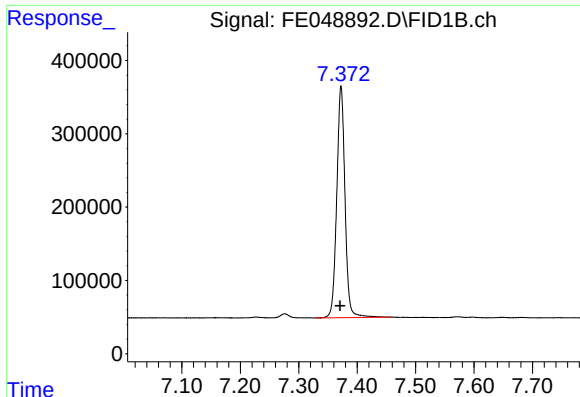
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 3262859
Conc: 20.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 3183162
Conc: 20.62 ug/ml



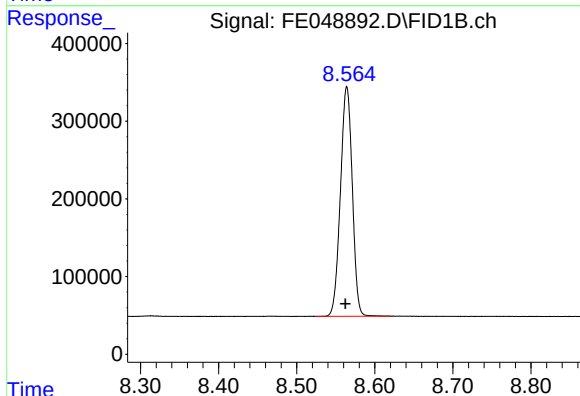
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.002 min
Response: 3105563
Conc: 20.51 ug/ml

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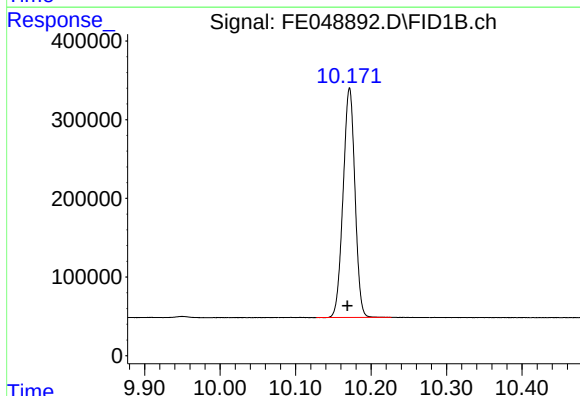
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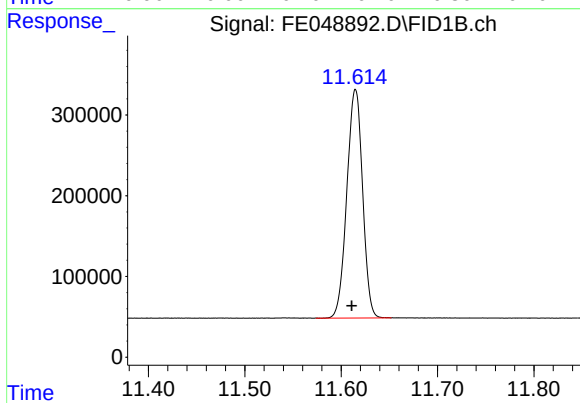
#6 n-Tetradecane (C14)

R.T.: 8.564 min
Delta R.T.: 0.002 min
Response: 3119360
Conc: 20.35 ug/ml



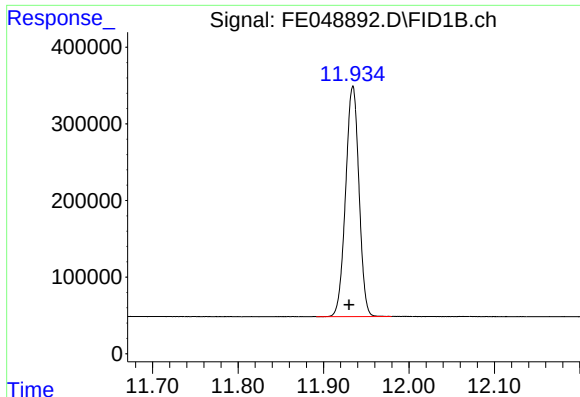
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.003 min
Response: 3188523
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.615 min
Delta R.T.: 0.004 min
Response: 3198634
Conc: 20.06 ug/ml



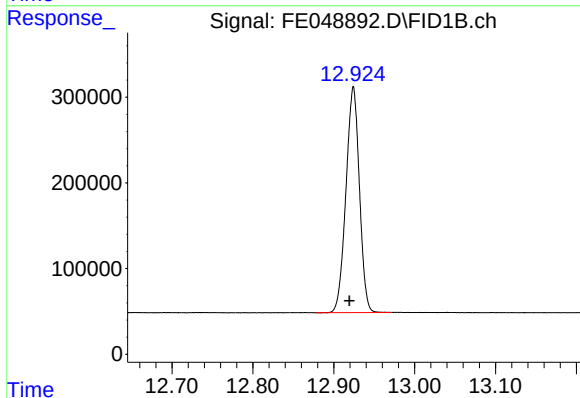
#9 ortho-Terphenyl (SURR)

R.T.: 11.934 min
Delta R.T.: 0.005 min
Response: 3264500
Conc: 19.52 ug/ml

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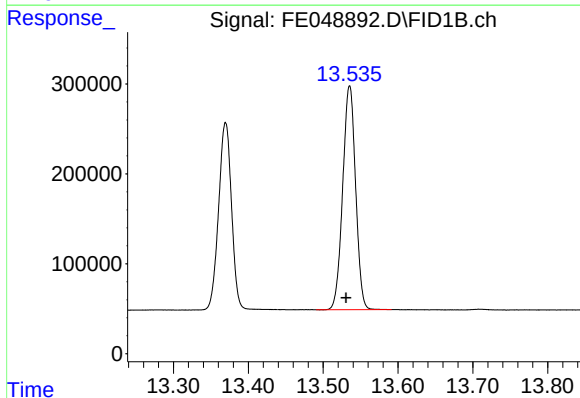
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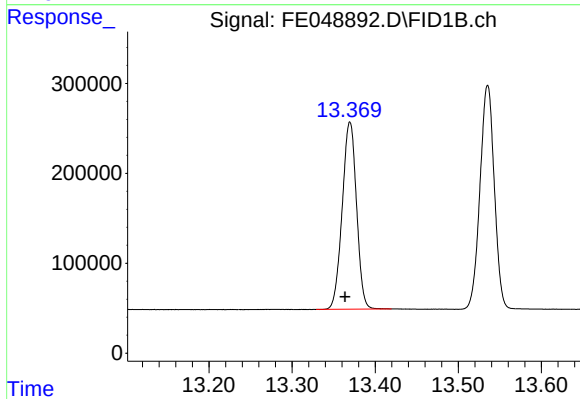
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: 0.005 min
Response: 3049561
Conc: 19.67 ug/ml



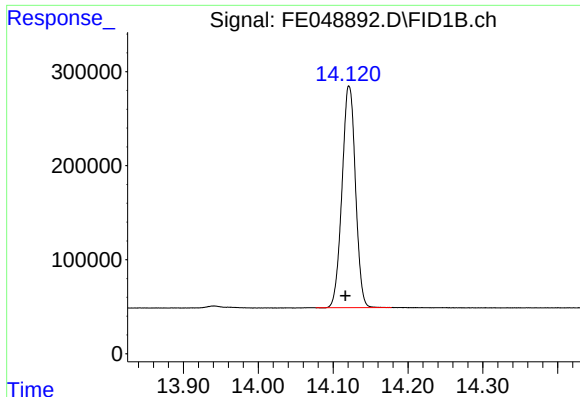
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: 0.005 min
Response: 2981375
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.006 min
Response: 2489551
Conc: 19.36 ug/ml



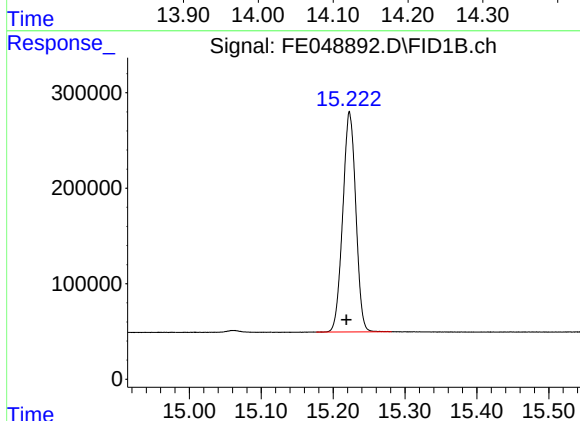
#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: 0.005 min
Response: 2945472
Conc: 19.48 ug/ml

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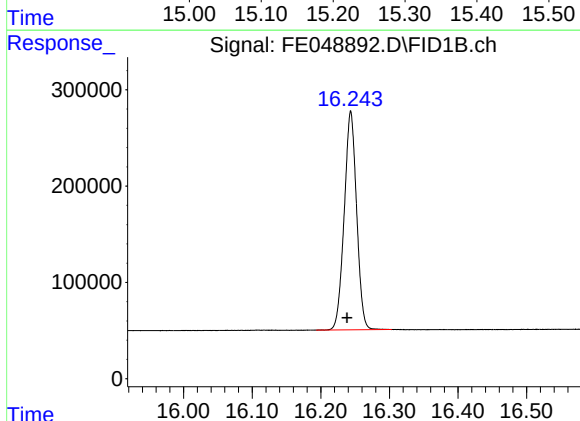
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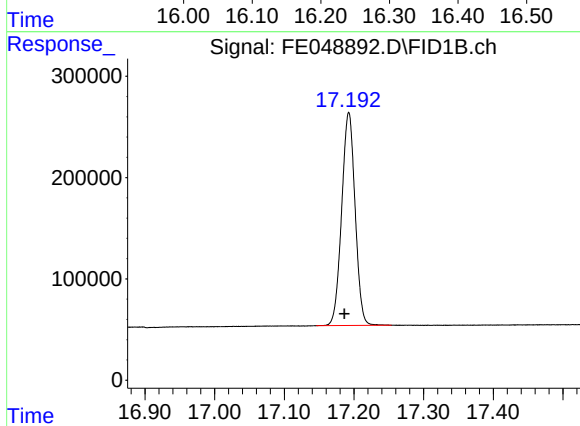
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.004 min
Response: 2901575
Conc: 19.31 ug/ml



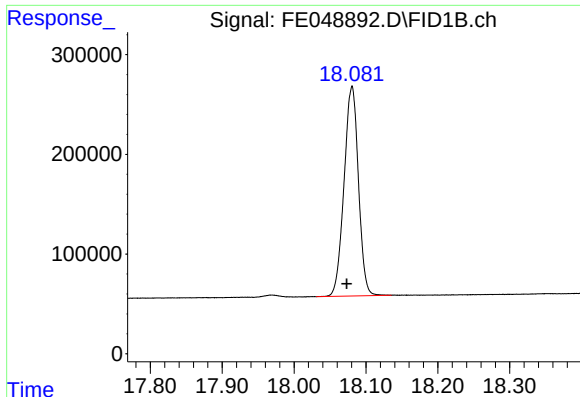
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.005 min
Response: 2845826
Conc: 19.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: 0.006 min
Response: 2815174
Conc: 19.52 ug/ml



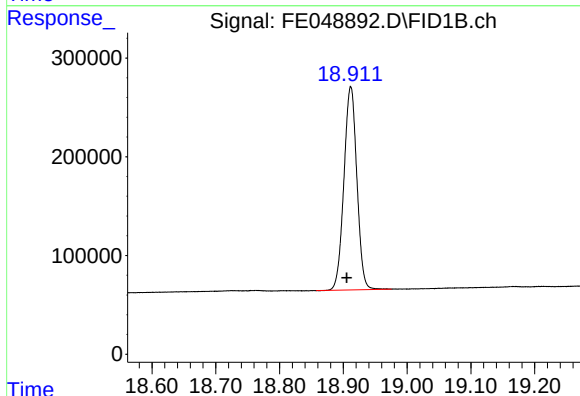
#17 n-Tricontane (C30)

R.T.: 18.081 min
Delta R.T.: 0.007 min
Response: 2918017
Conc: 19.95 ug/ml

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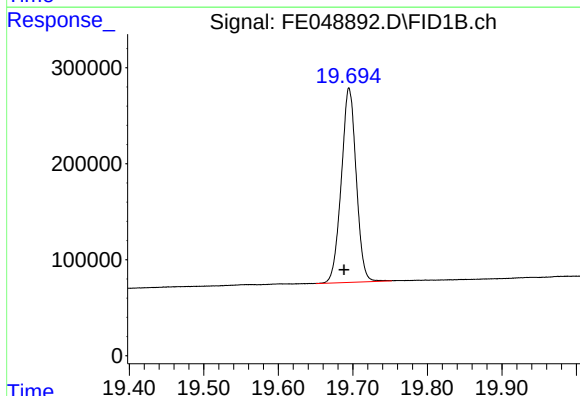
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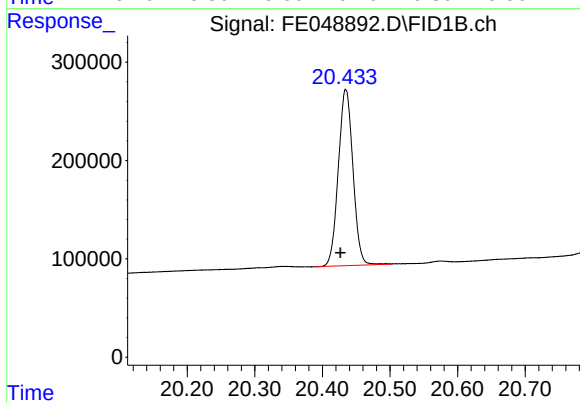
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.006 min
Response: 2901325
Conc: 20.29 ug/ml



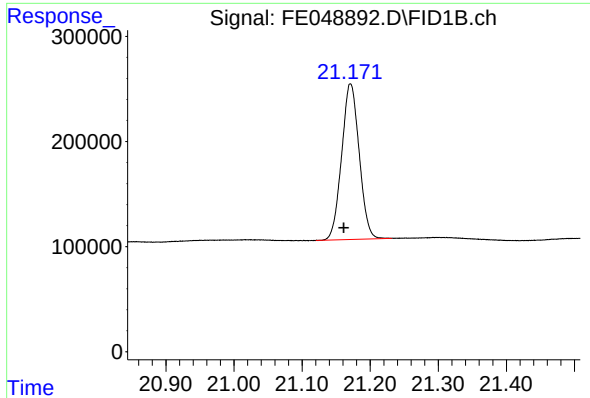
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.006 min
Response: 2814555
Conc: 20.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.008 min
Response: 2692684
Conc: 20.72 ug/ml



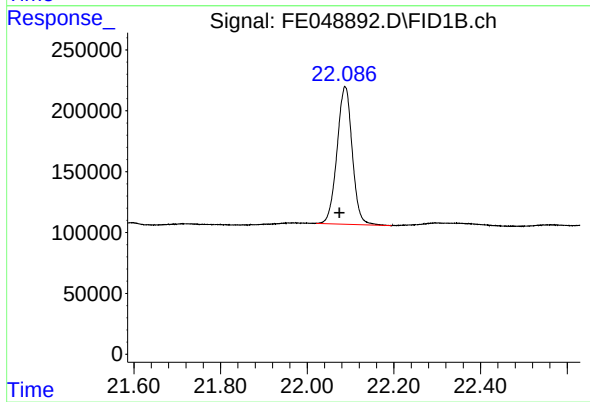
#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: 0.010 min
Response: 2645671
Conc: 20.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.087 min
Delta R.T.: 0.013 min
Response: 2749441
Conc: 22.45 ug/ml