

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013025AL\
 Data File : FF015384.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 05:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 07:09:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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)	11.928	2970567	19.000 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
12) S 1-chlorooctadecane (S...	13.366	2235671	18.361 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T n-Nonane (C9)	3.313	2546814	19.616 ug/ml
2) T n-Decane (C10)	4.568	2611097	19.648 ug/ml
3) T A~Naphthalene (C11.7)	6.269	2789490	19.101 ug/ml
4) T n-Dodecane (C12)	6.732	2670235	19.643 ug/ml
5) T A~2-methylnaphthalene...	7.363	2686090	18.816 ug/ml
6) T n-Tetradecane (C14)	8.558	2673279	19.439 ug/ml
7) T n-Hexadecane (C16)	10.165	2761519	19.059 ug/ml
8) T n-Octadecane (C18)	11.610	2809102	18.900 ug/ml
10) T n-Eicosane (C20)	12.920	2695698	18.781 ug/ml
11) T n-Heneicosane (C21)	13.533	2643536	18.696 ug/ml
13) T n-Docosane (C22)	14.119	2604897	18.527 ug/mlm
14) T n-Tetracosane (C24)	15.224	2531284	18.187 ug/ml
15) T n-Hexacosane (C26)	16.248	2425385	17.906 ug/ml
16) T n-Octacosane (C28)	17.199	2380822	18.092 ug/ml
17) T n-Tricontane (C30)	18.089	2480267	18.697 ug/ml
18) T n-Dotriacontane (C32)	18.923	2409556	19.105 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2074860	19.056 ug/ml
20) T n-Hexatriacontane (C36)	20.448	1750805	18.753 ug/ml
21) T n-Octatriacontane (C38)	21.186	1622608	18.490 ug/ml
22) T n-Tetracontane (C40)	22.106	1496750	17.658 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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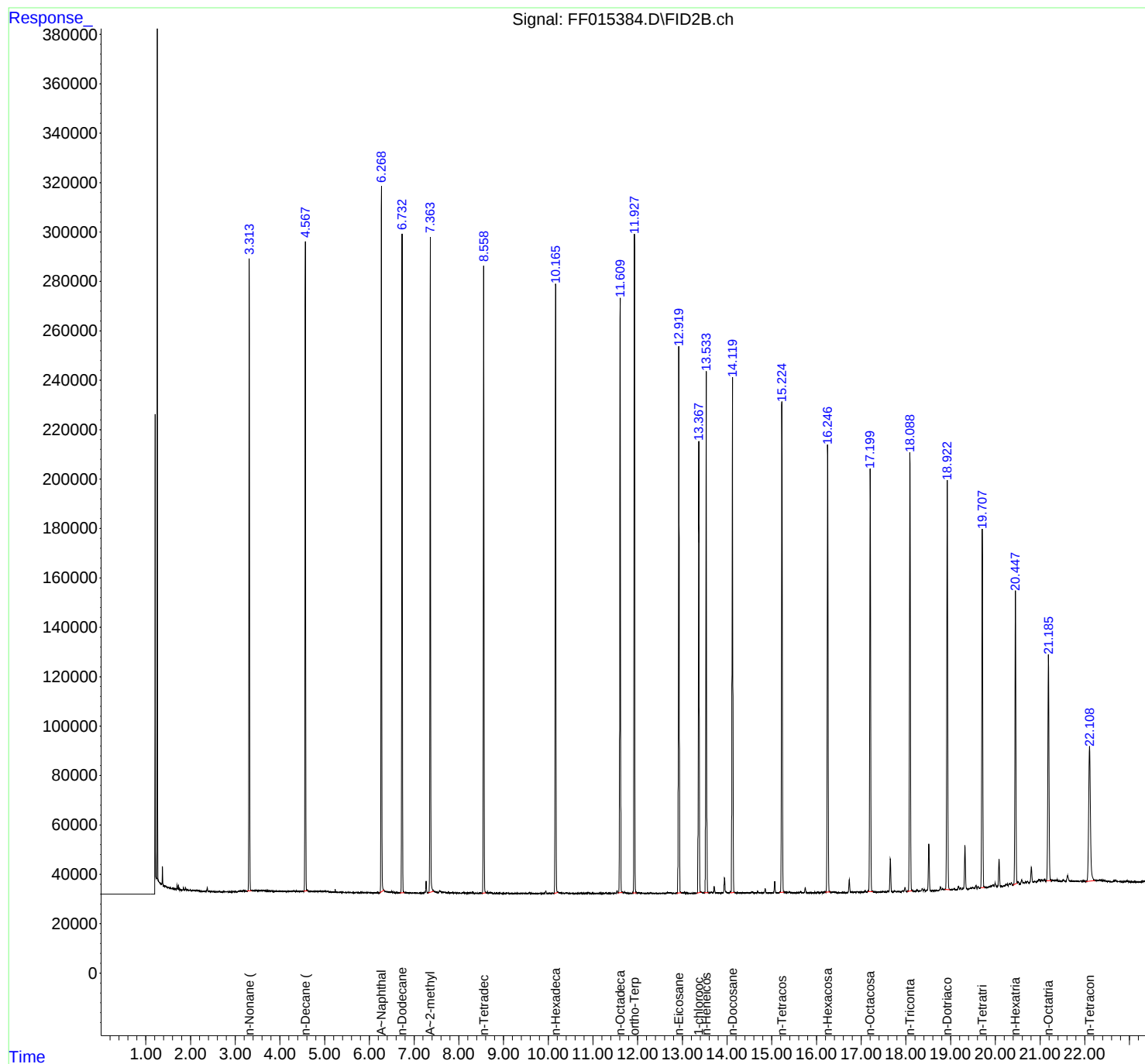
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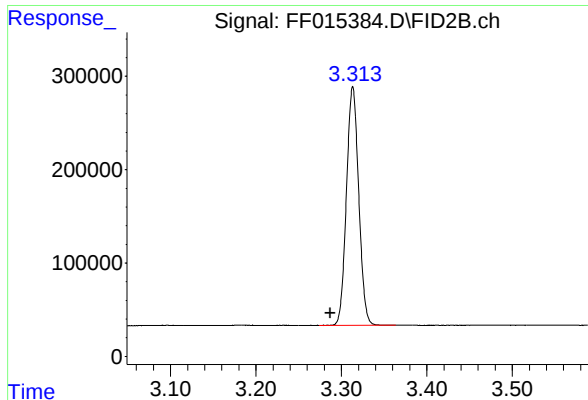
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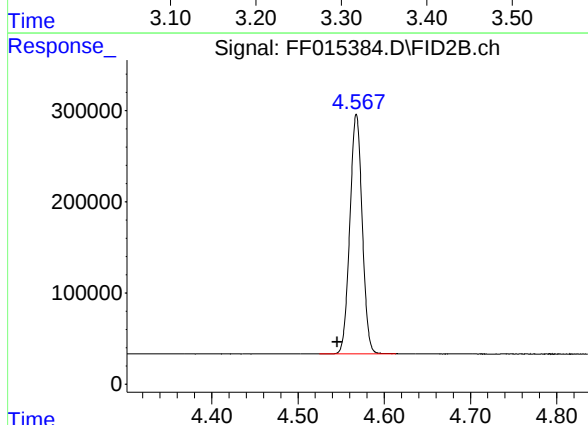
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: 0.026 min
Response: 2546814
Conc: 19.62 ug/ml

Instrument :
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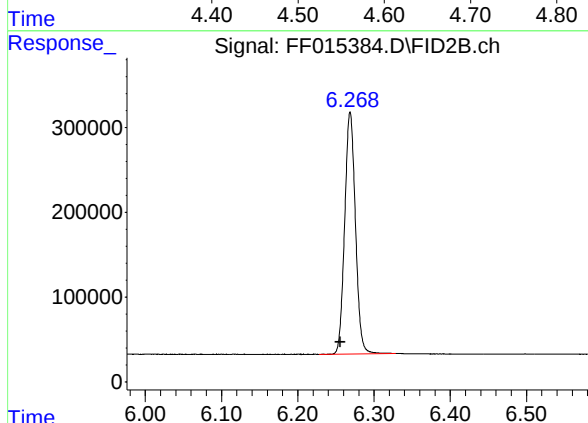
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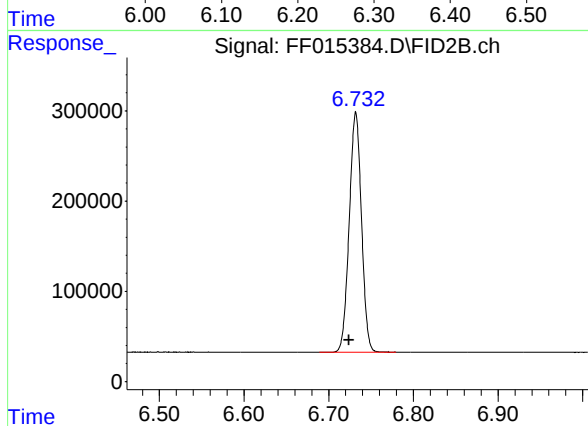
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 2611097
Conc: 19.65 ug/ml



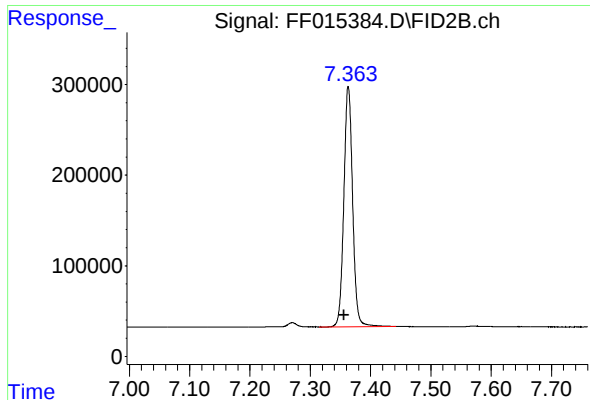
#3 A~Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: 0.013 min
Response: 2789490
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 2670235
Conc: 19.64 ug/ml



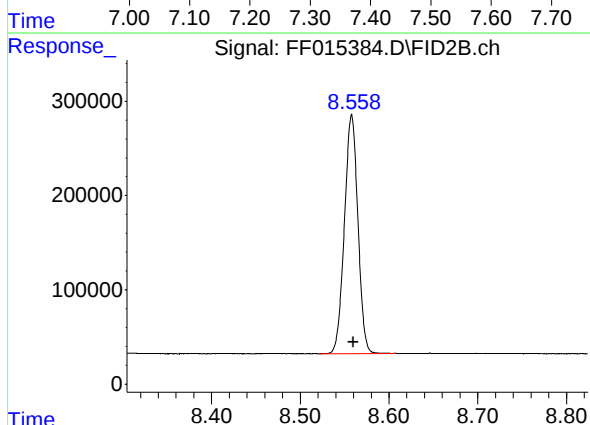
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2686090
Conc: 18.82 ug/ml

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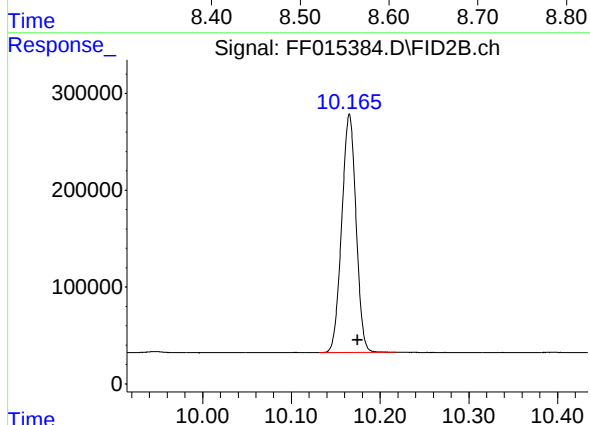
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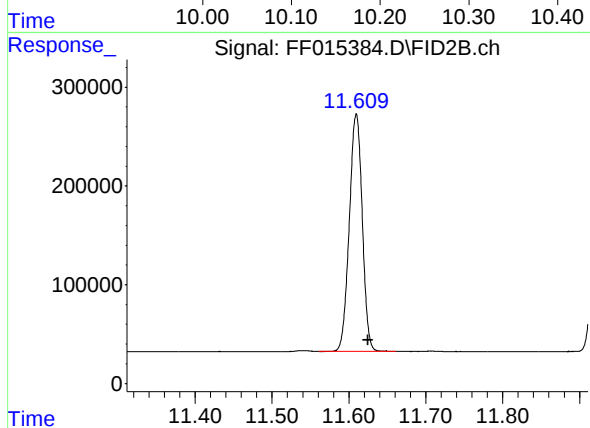
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 2673279
Conc: 19.44 ug/ml



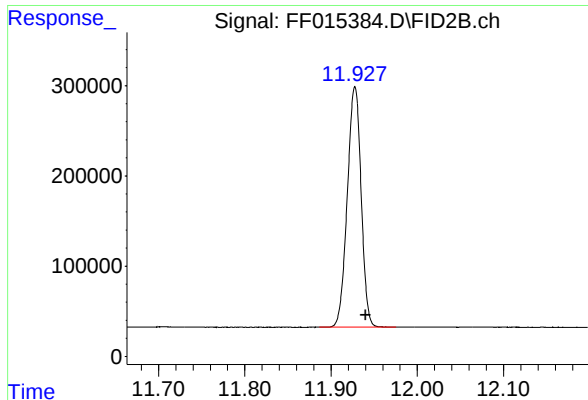
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.009 min
Response: 2761519
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.015 min
Response: 2809102
Conc: 18.90 ug/ml



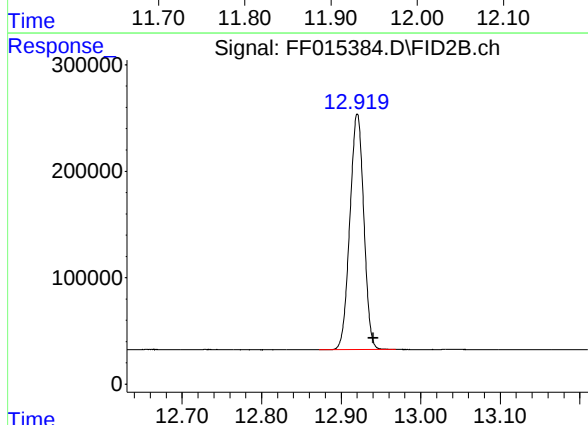
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.013 min
Response: 2970567
Conc: 19.00 ug/ml

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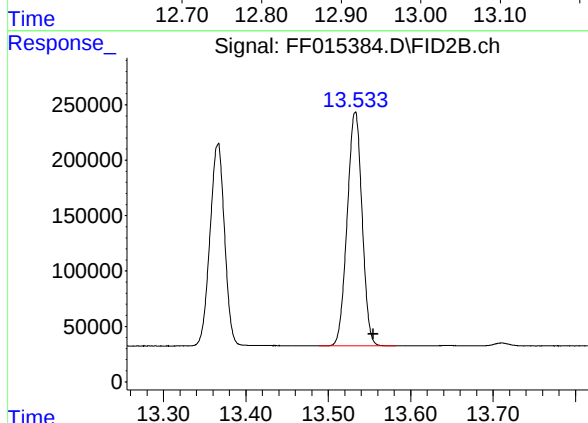
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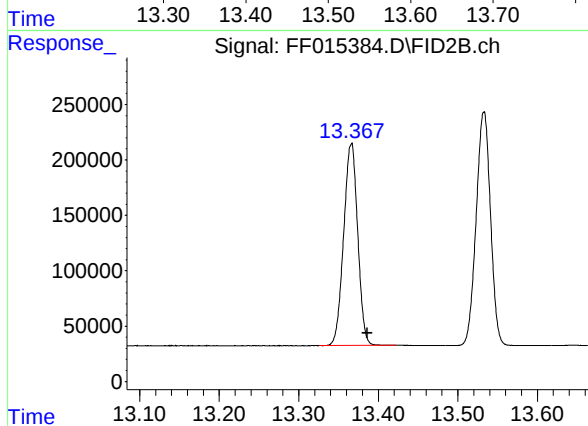
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2695698
Conc: 18.78 ug/ml



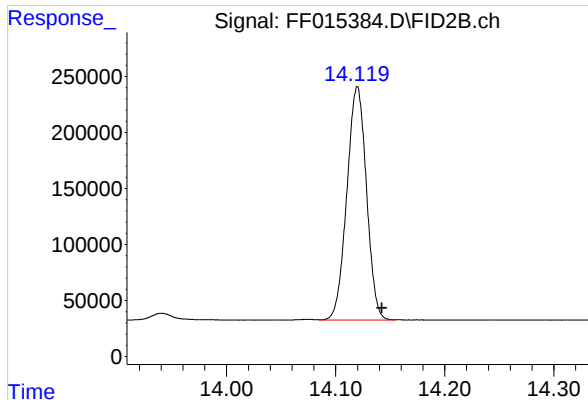
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.022 min
Response: 2643536
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.020 min
Response: 2235671
Conc: 18.36 ug/ml



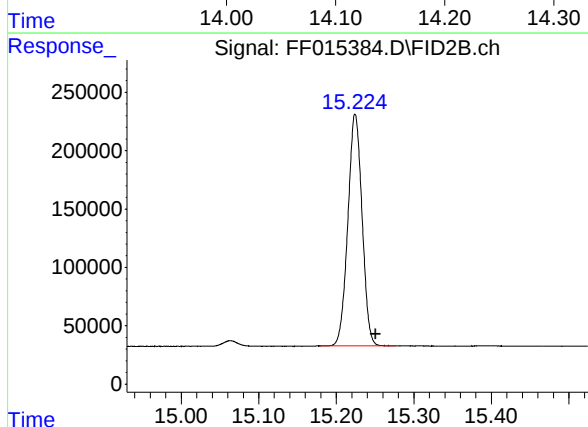
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.023 min
Response: 2604897
Conc: 18.53 ug/ml

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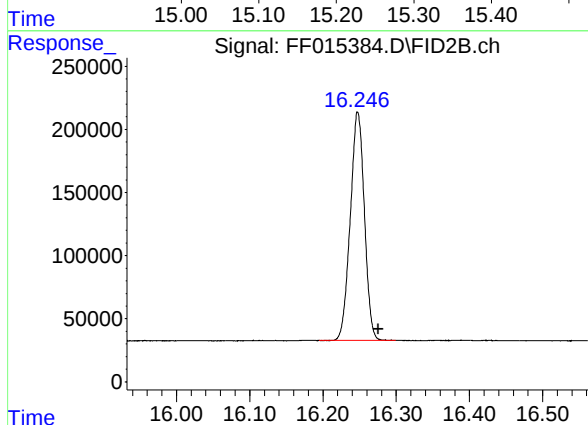
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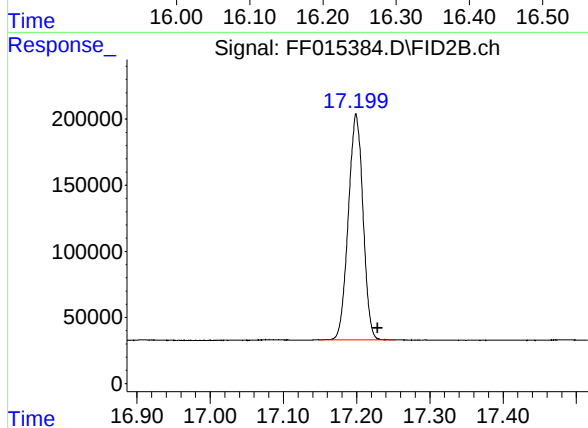
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.026 min
Response: 2531284
Conc: 18.19 ug/ml



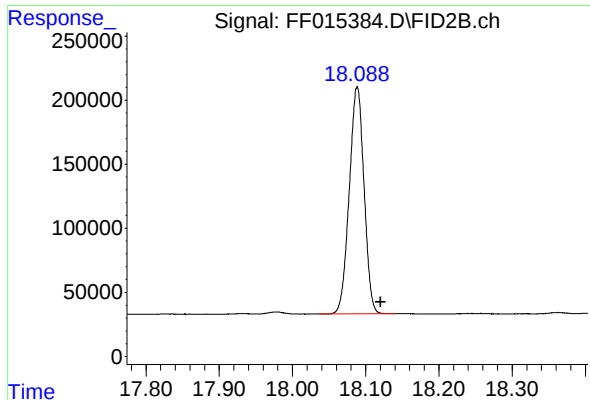
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 2425385
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.029 min
Response: 2380822
Conc: 18.09 ug/ml



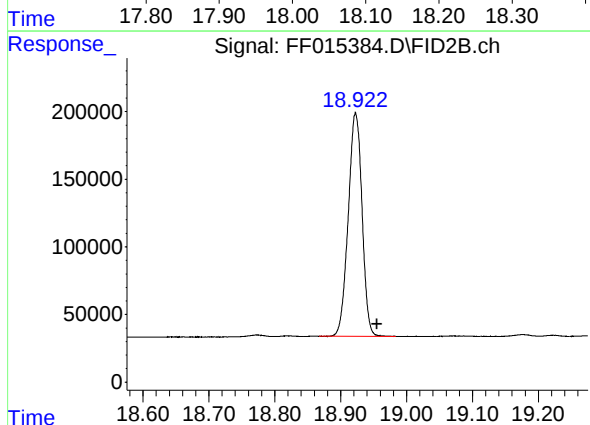
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.032 min
Response: 2480267
Conc: 18.70 ug/ml

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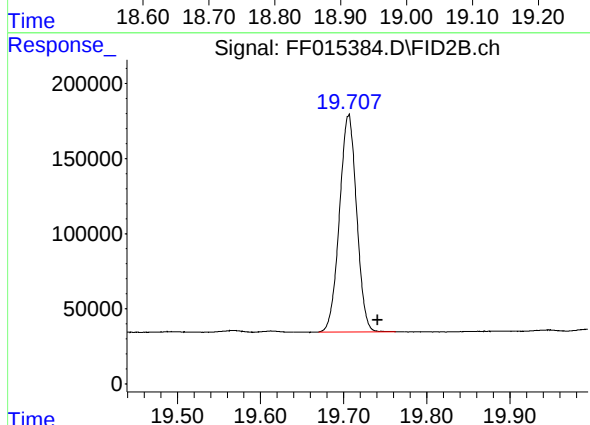
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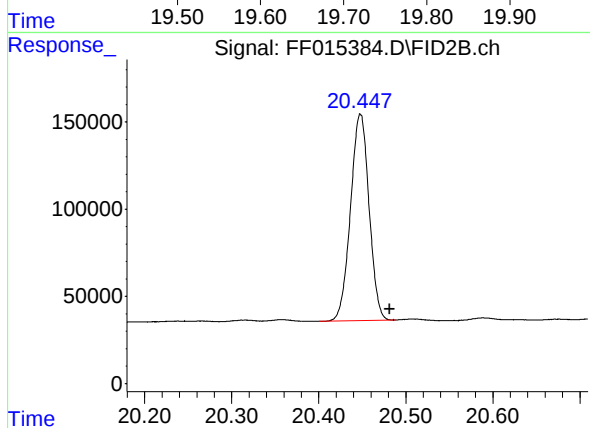
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.033 min
Response: 2409556
Conc: 19.10 ug/ml



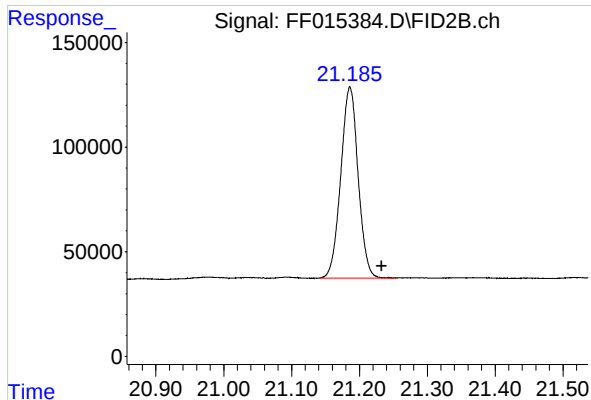
#19 n-Tetatriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.035 min
Response: 2074860
Conc: 19.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.034 min
Response: 1750805
Conc: 18.75 ug/ml



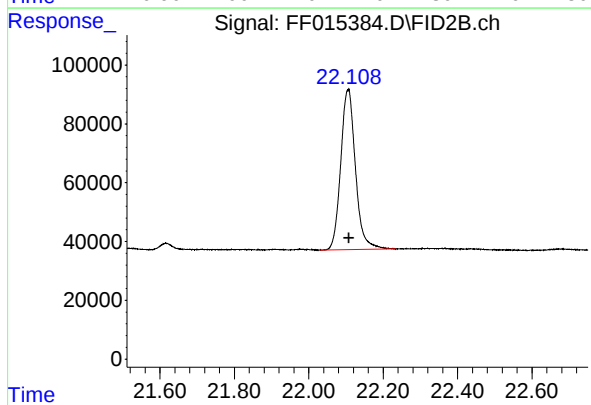
#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: -0.047 min
Response: 1622608
Conc: 18.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.002 min
Response: 1496750
Conc: 17.66 ug/ml