

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013025AL\
 Data File : FF015388.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 07:38
 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 07:54:06 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	2954368	18.896 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	13.365	2221749	18.247 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
Target Compounds			
1) T n-Nonane (C9)	3.314	2529469	19.482 ug/ml
2) T n-Decane (C10)	4.568	2593203	19.514 ug/ml
3) T A~Naphthalene (C11.7)	6.268	2769667	18.966 ug/ml
4) T n-Dodecane (C12)	6.732	2649457	19.490 ug/ml
5) T A~2-methylnaphthalene...	7.363	2663383	18.657 ug/ml
6) T n-Tetradecane (C14)	8.558	2648956	19.262 ug/ml
7) T n-Hexadecane (C16)	10.166	2736574	18.886 ug/ml
8) T n-Octadecane (C18)	11.610	2788047	18.759 ug/ml
10) T n-Eicosane (C20)	12.920	2683429	18.695 ug/ml
11) T n-Heneicosane (C21)	13.533	2631657	18.612 ug/ml
13) T n-Docosane (C22)	14.119	2598207	18.479 ug/mlm
14) T n-Tetracosane (C24)	15.224	2526430	18.152 ug/ml
15) T n-Hexacosane (C26)	16.248	2429490	17.937 ug/ml
16) T n-Octacosane (C28)	17.200	2380413	18.089 ug/ml
17) T n-Tricontane (C30)	18.088	2478512	18.684 ug/ml
18) T n-Dotriacontane (C32)	18.921	2402814	19.051 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2062435	18.942 ug/ml
20) T n-Hexatriacontane (C36)	20.446	1741199	18.650 ug/ml
21) T n-Octatriacontane (C38)	21.185	1609941	18.346 ug/ml
22) T n-Tetracontane (C40)	22.103	1494898	17.636 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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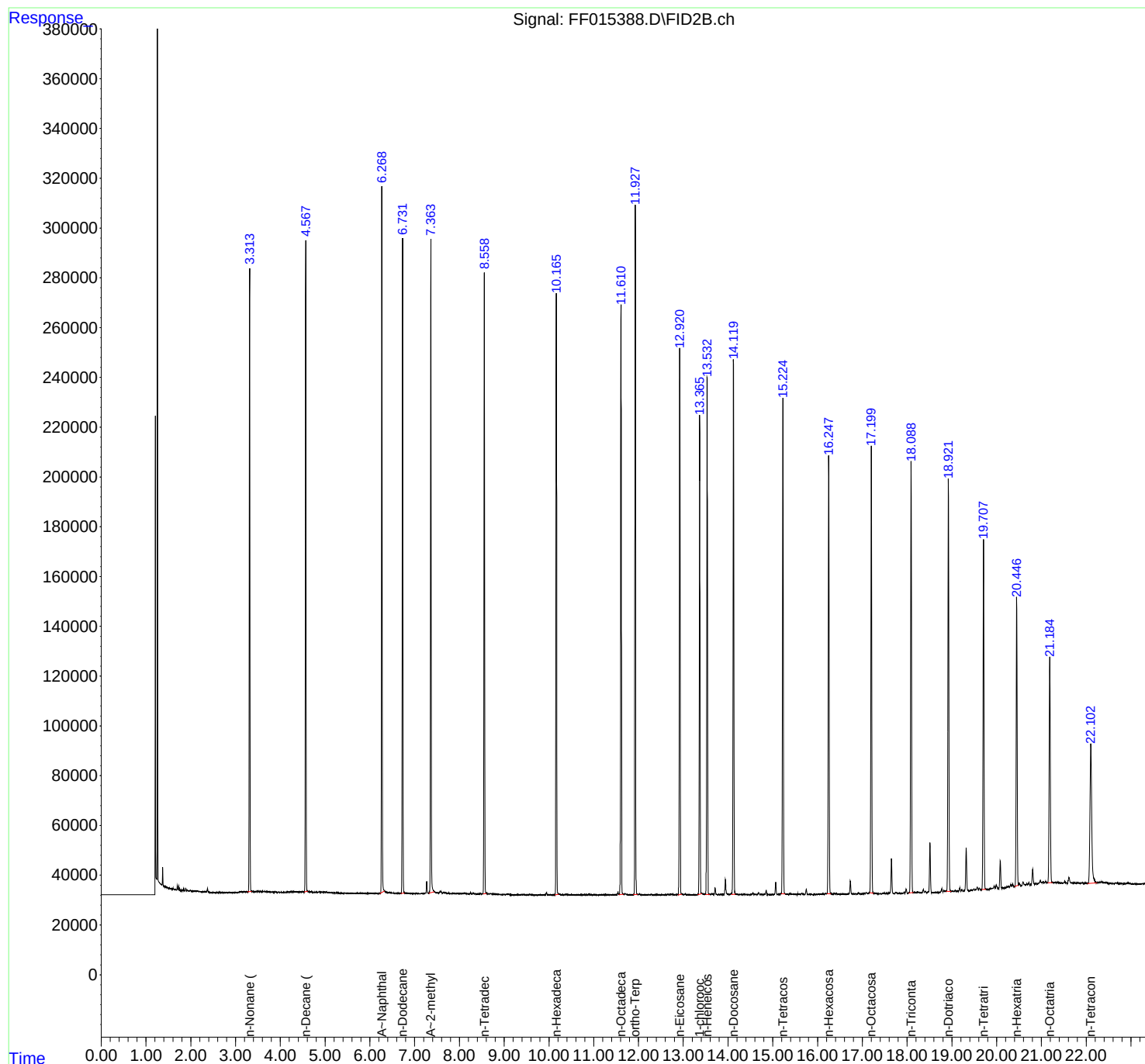
Instrument :
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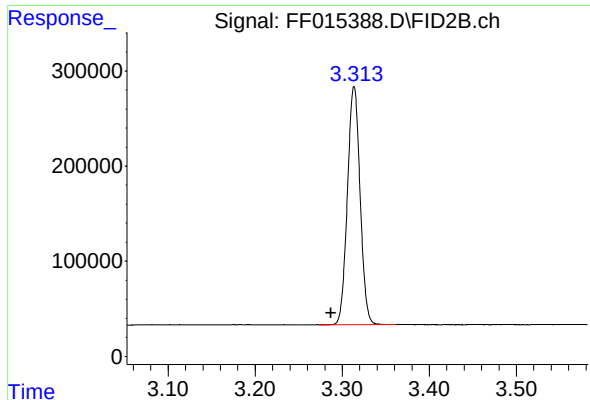
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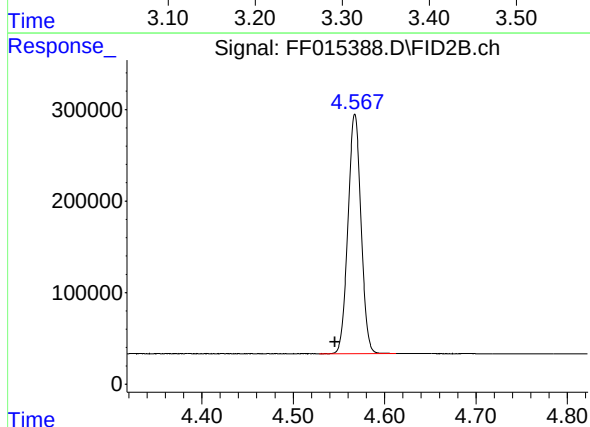
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.027 min
Response: 2529469
Conc: 19.48 ug/ml

Instrument :
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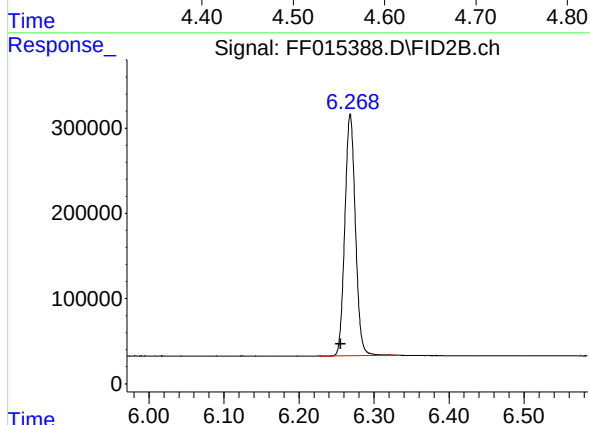
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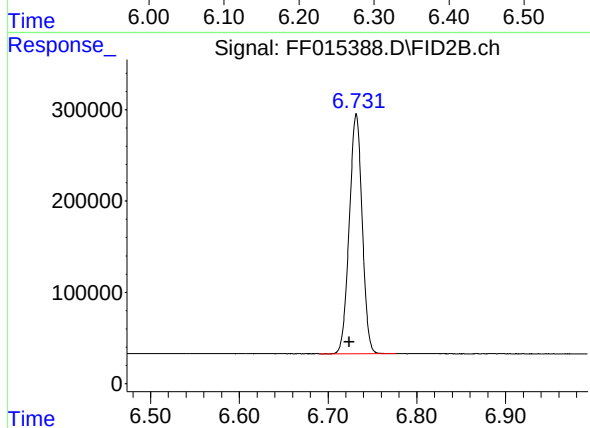
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 2593203
Conc: 19.51 ug/ml



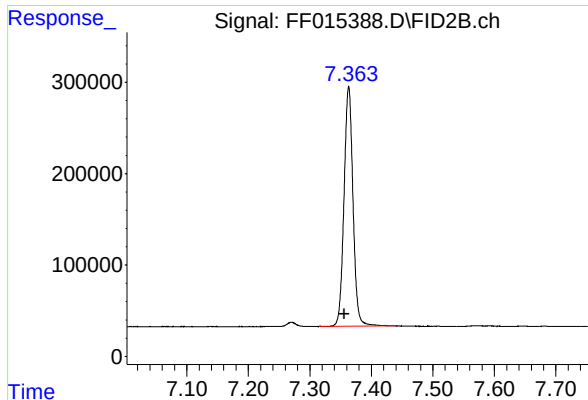
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.013 min
Response: 2769667
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.732 min
Delta R.T.: 0.008 min
Response: 2649457
Conc: 19.49 ug/ml



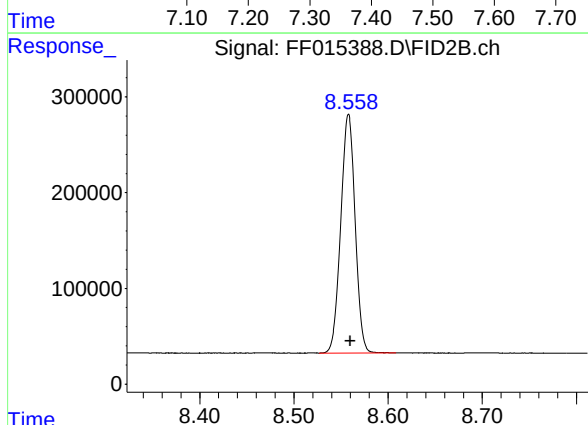
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: 0.007 min
Response: 2663383
Conc: 18.66 ug/ml

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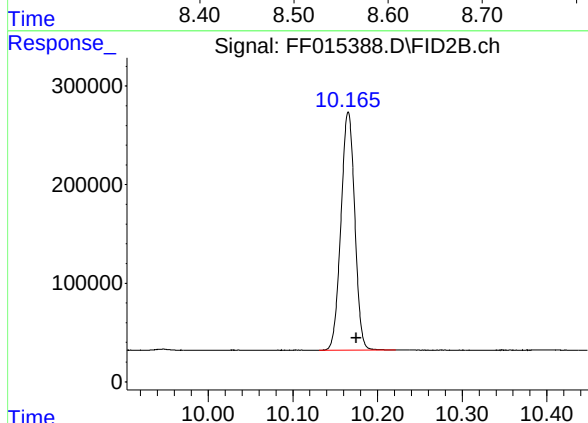
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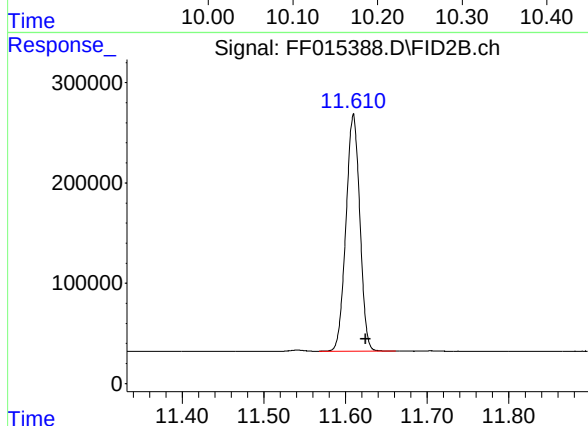
#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 2648956
Conc: 19.26 ug/ml



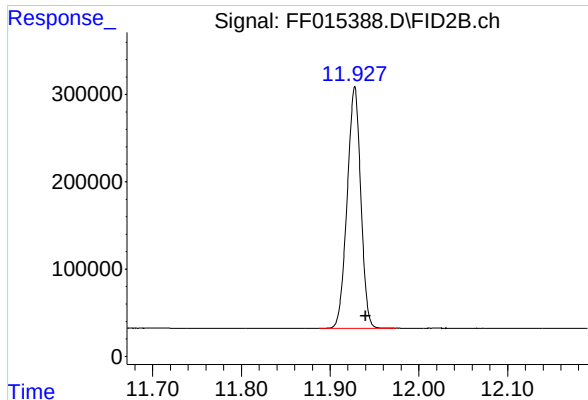
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.009 min
Response: 2736574
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: -0.015 min
Response: 2788047
Conc: 18.76 ug/ml



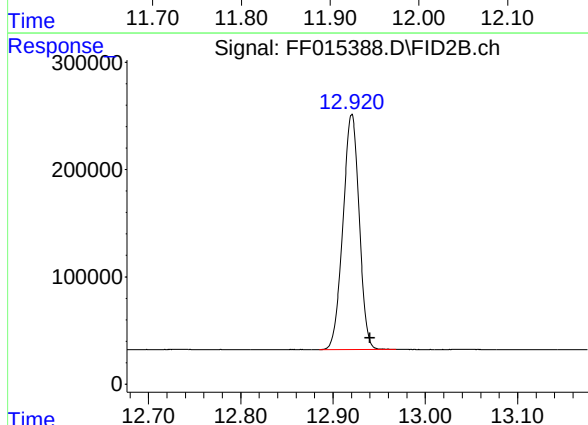
#9 ortho-Terphenyl (SURR)

R.T.: 11.928 min
Delta R.T.: -0.013 min
Response: 2954368
Conc: 18.90 ug/ml

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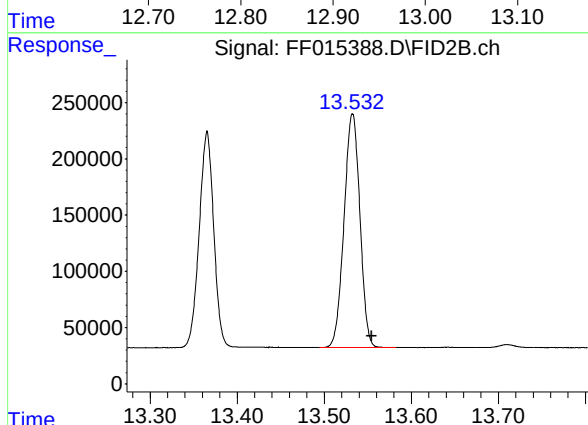
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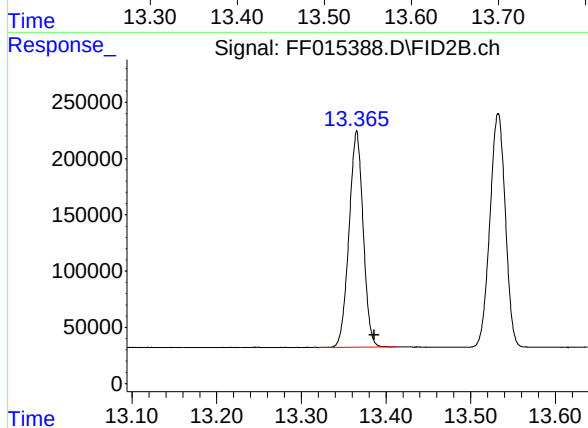
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: -0.020 min
Response: 2683429
Conc: 18.70 ug/ml



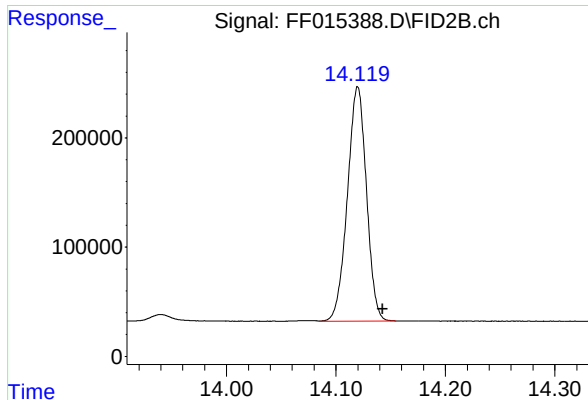
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.022 min
Response: 2631657
Conc: 18.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: -0.021 min
Response: 2221749
Conc: 18.25 ug/ml



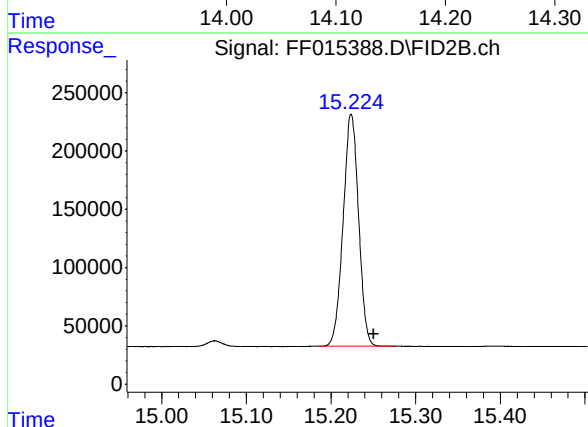
#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: -0.023 min
Response: 2598207
Conc: 18.48 ug/ml

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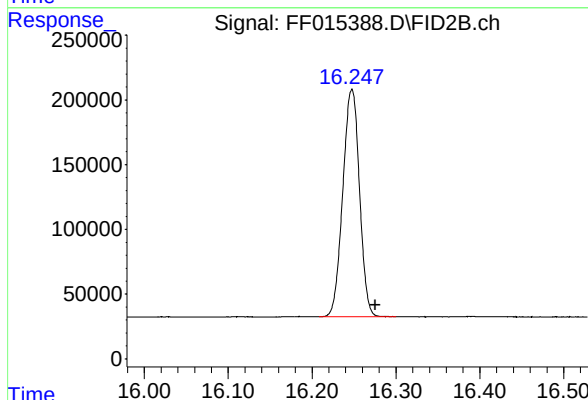
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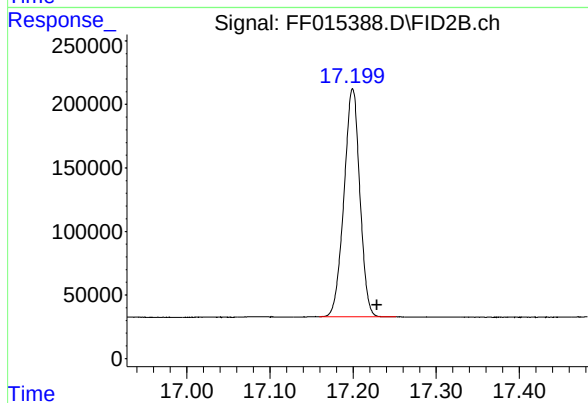
#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.027 min
Response: 2526430
Conc: 18.15 ug/ml



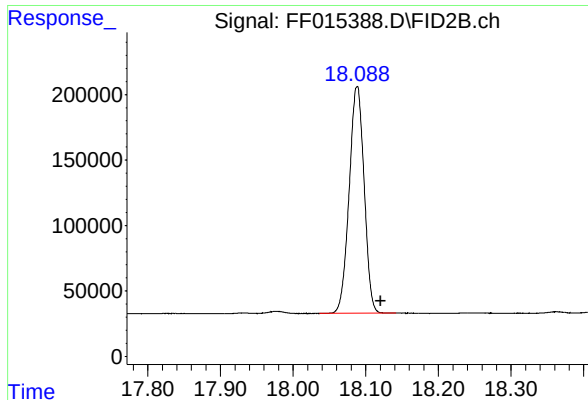
#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 2429490
Conc: 17.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.200 min
Delta R.T.: -0.029 min
Response: 2380413
Conc: 18.09 ug/ml



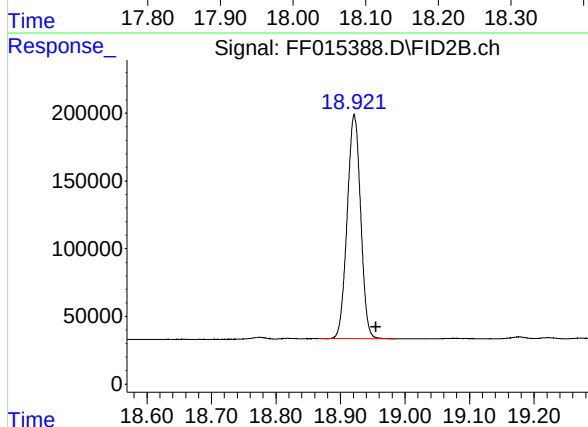
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.032 min
Response: 2478512
Conc: 18.68 ug/ml

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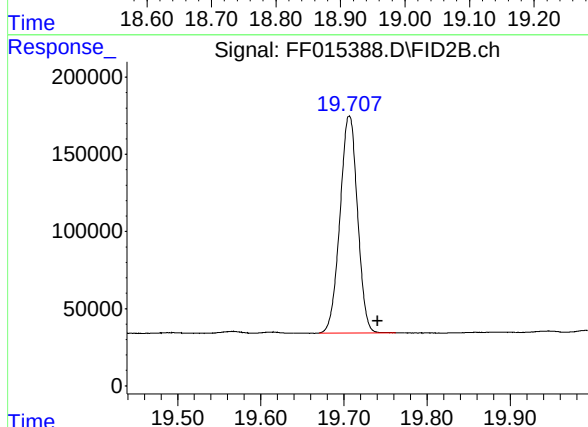
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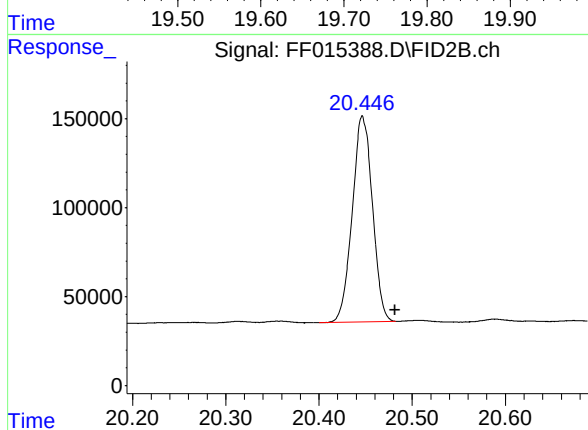
#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.034 min
Response: 2402814
Conc: 19.05 ug/ml



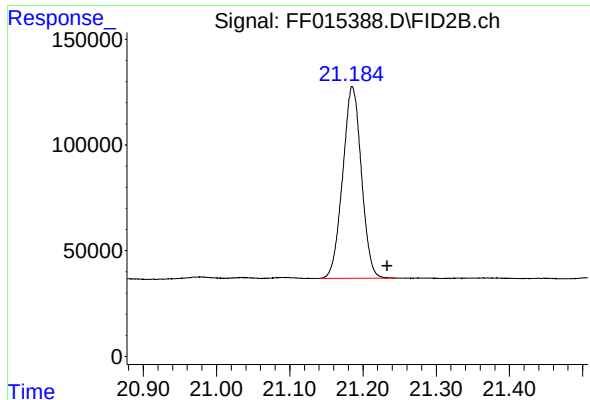
#19 n-Tetatriacontane (C34)

R.T.: 19.707 min
Delta R.T.: -0.034 min
Response: 2062435
Conc: 18.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.035 min
Response: 1741199
Conc: 18.65 ug/ml



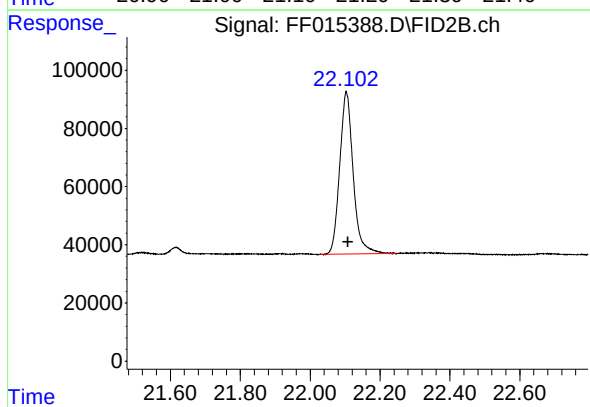
#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.048 min
Response: 1609941
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.005 min
Response: 1494898
Conc: 17.64 ug/ml