

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051225AL\
 Data File : FF015823.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2025 15:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File: autoint1.e
 Quant Time: May 12 16:21:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 16:21:36 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)	11.936	3071390	21.582 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
12) S 1-chlorooctadecane (S...	13.368	2336152	21.525 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
Target Compounds			
1) T n-Nonane (C9)	3.309	2310038	21.798 ug/ml
2) T n-Decane (C10)	4.565	2278232	21.450 ug/ml
3) T A~Naphthalene (C11.7)	6.283	2061468	21.648 ug/mlm
4) T n-Dodecane (C12)	6.731	2400568	21.774 ug/ml
5) T A~2-methylnaphthalene...	7.387	1976705	22.428 ug/ml
6) T n-Tetradecane (C14)	8.559	2392663	21.760 ug/ml
7) T n-Hexadecane (C16)	10.166	2390868	21.923 ug/ml
8) T n-Octadecane (C18)	11.609	2457233	21.790 ug/ml
10) T n-Eicosane (C20)	12.919	2500366	21.540 ug/ml
11) T n-Heneicosane (C21)	13.531	2519921	21.502 ug/ml
13) T n-Docosane (C22)	14.119	2502700	21.431 ug/ml
14) T n-Tetracosane (C24)	15.223	2511319	21.386 ug/ml
15) T n-Hexacosane (C26)	16.244	2499674	21.271 ug/ml
16) T n-Octacosane (C28)	17.194	2472076	21.123 ug/ml
17) T n-Tricontane (C30)	18.083	2502388	20.852 ug/ml
18) T n-Dotriacontane (C32)	18.915	2497438	20.240 ug/ml
19) T n-Tetratriacontane (C34)	19.698	2362123	20.695 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2318360	21.359 ug/ml
21) T n-Octatriacontane (C38)	21.173	2136806	20.975 ug/ml
22) T n-Tetracontane (C40)	22.084	1994351	19.826 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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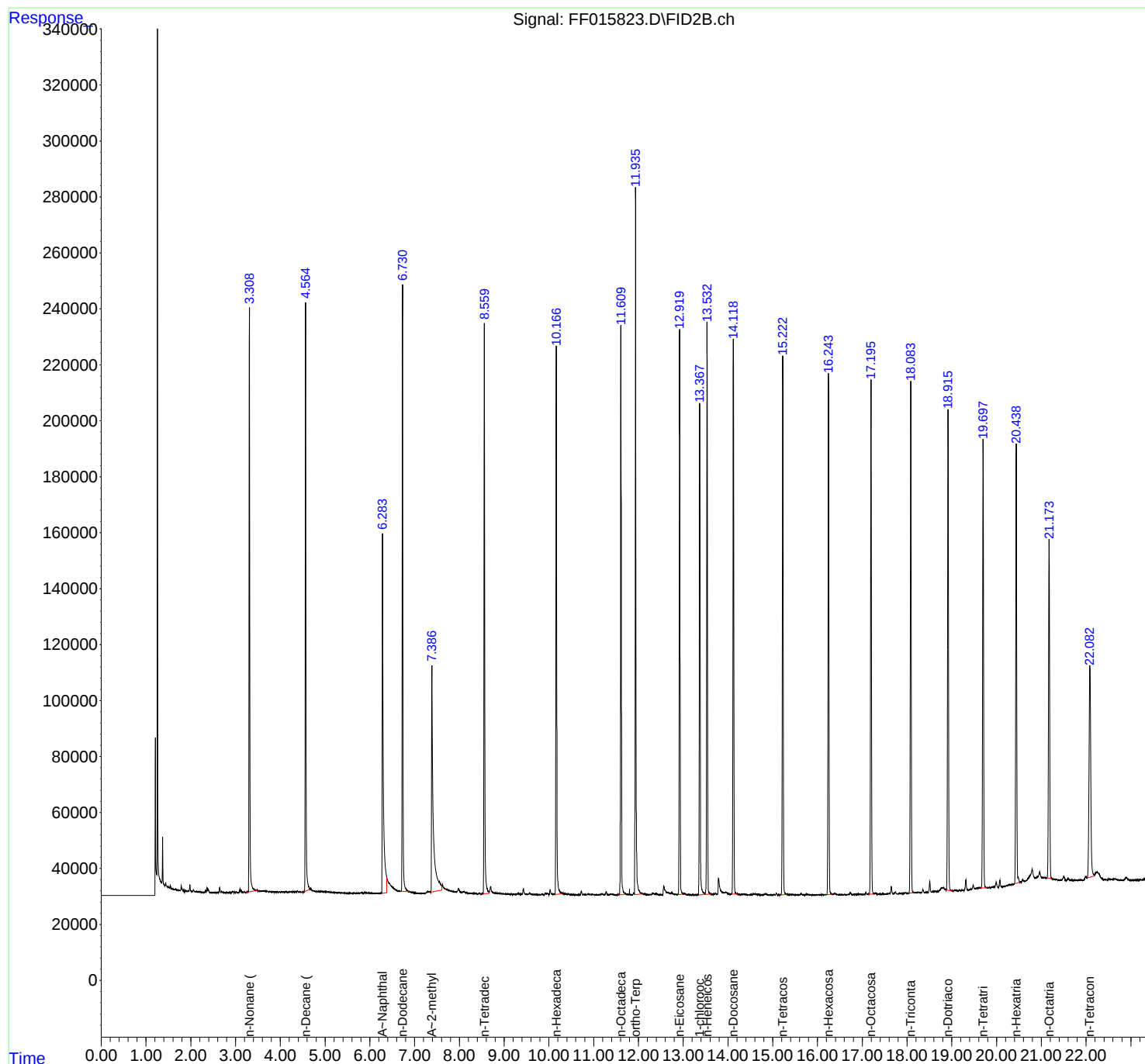
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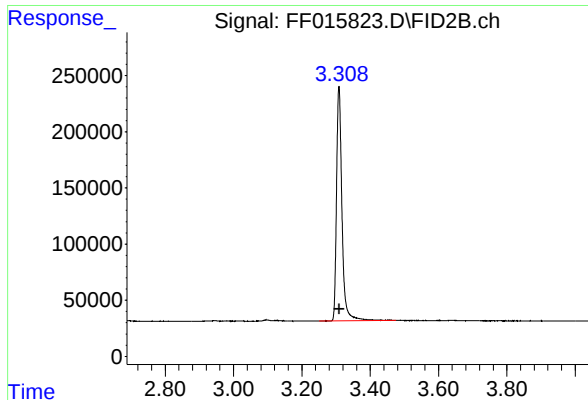
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#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 2310038
Conc: 21.80 ug/ml

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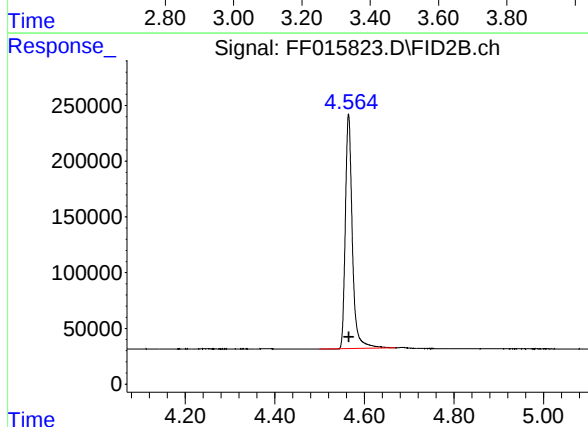
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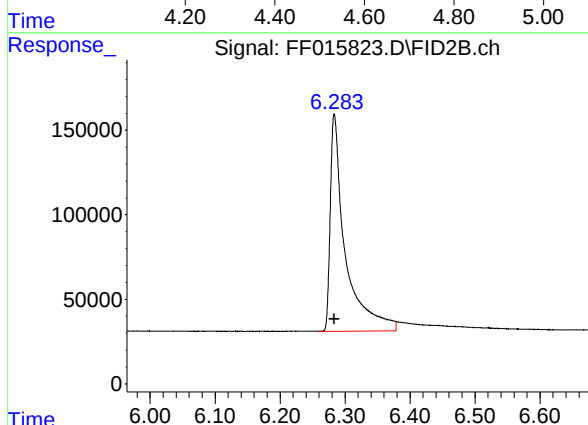
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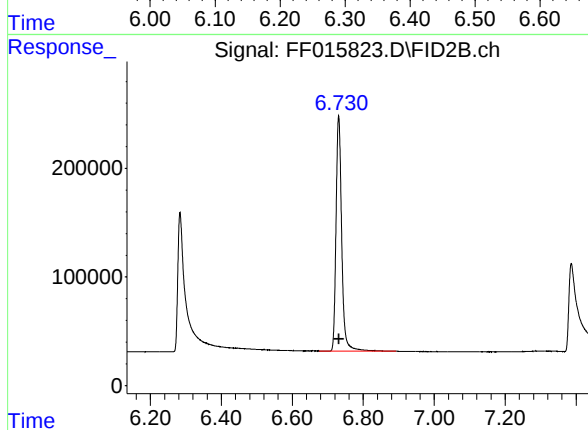
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 2278232
Conc: 21.45 ug/ml



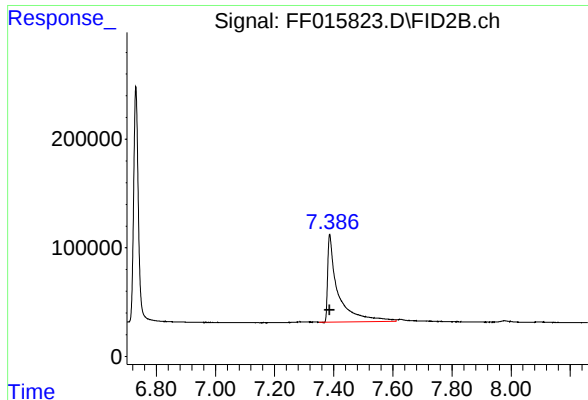
#3 A~Naphthalene (C11.7)

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 2061468
Conc: 21.65 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 2400568
Conc: 21.77 ug/ml



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

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 1976705
Conc: 22.43 ug/ml

Instrument :

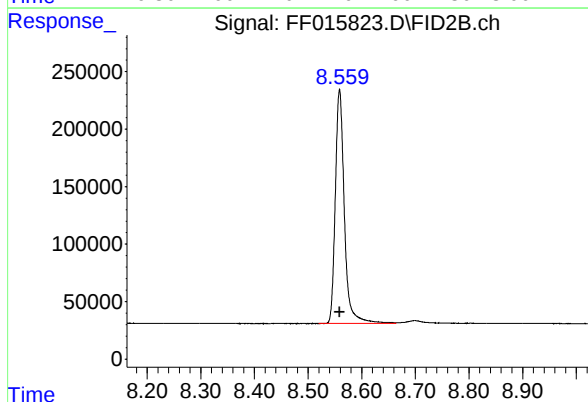
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ClientSampleId :

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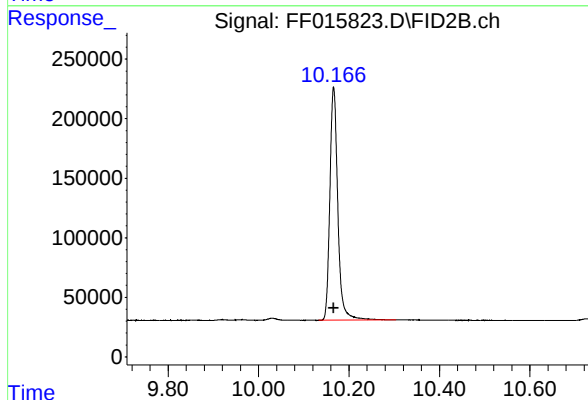
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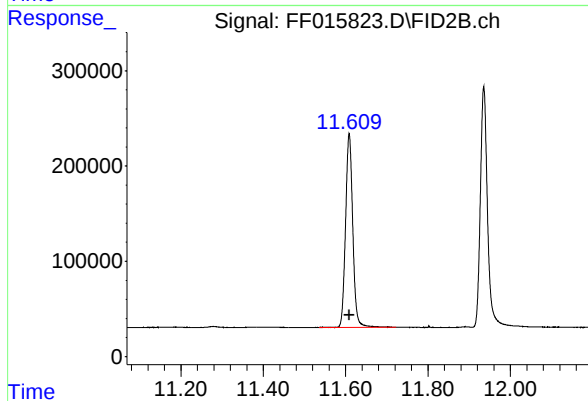
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2392663
Conc: 21.76 ug/ml



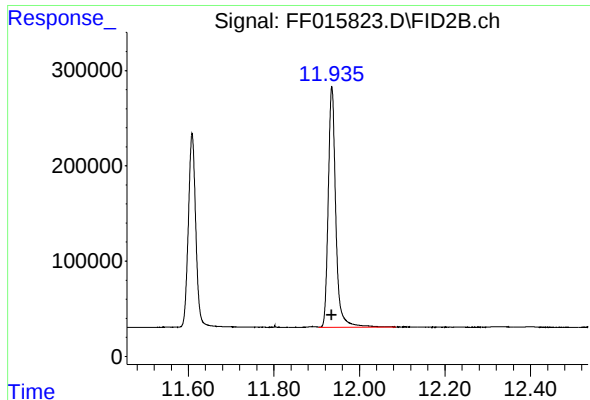
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 2390868
Conc: 21.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 2457233
Conc: 21.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 3071390
Conc: 21.58 ug/ml

Instrument :

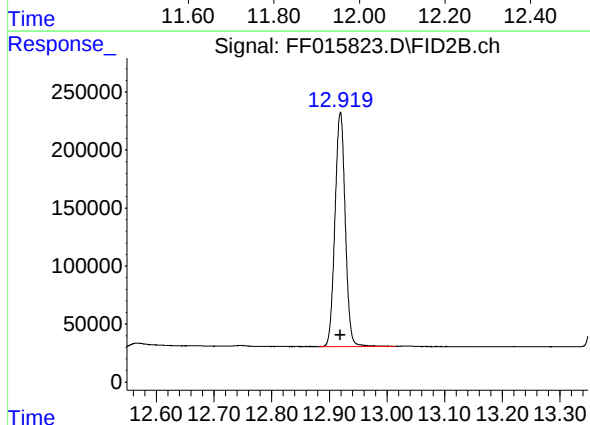
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ClientSampleId :

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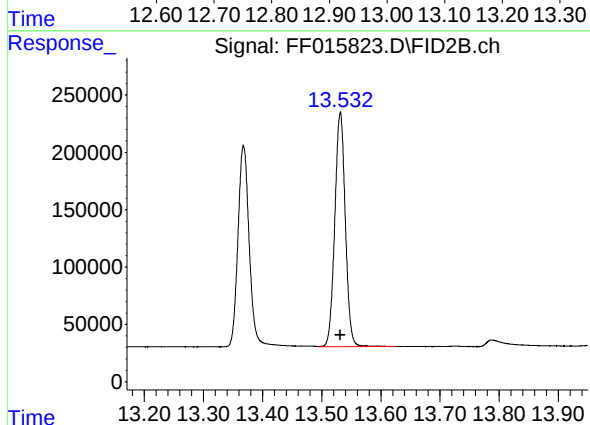
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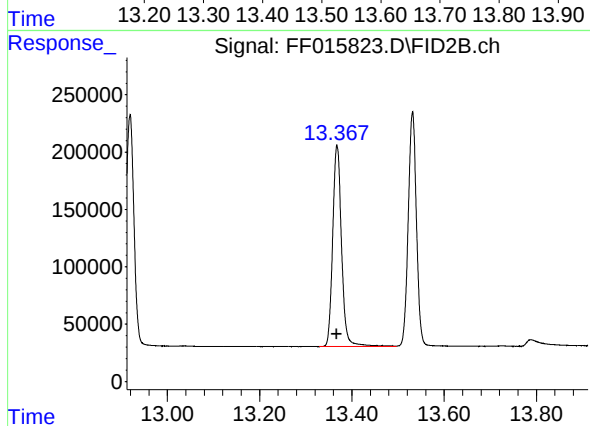
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 2500366
Conc: 21.54 ug/ml



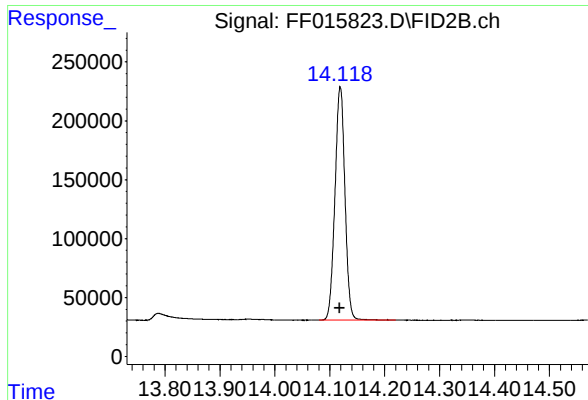
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 2519921
Conc: 21.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.000 min
Response: 2336152
Conc: 21.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.119 min
Delta R.T.: 0.001 min
Response: 2502700
Conc: 21.43 ug/ml

Instrument :

FID_F

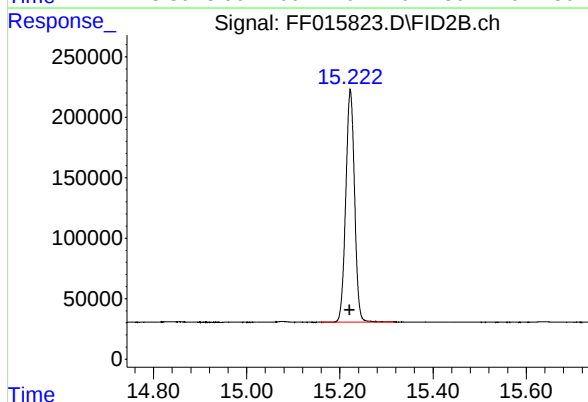
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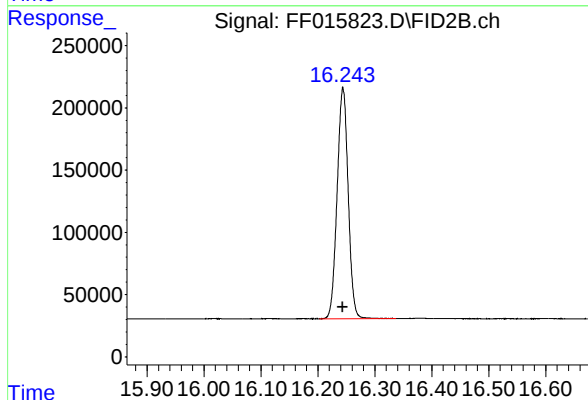
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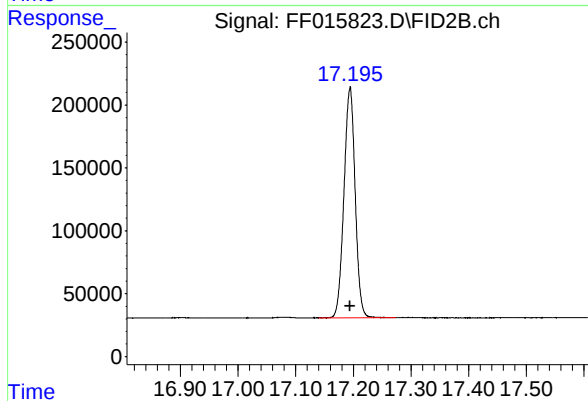
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.001 min
Response: 2511319
Conc: 21.39 ug/ml



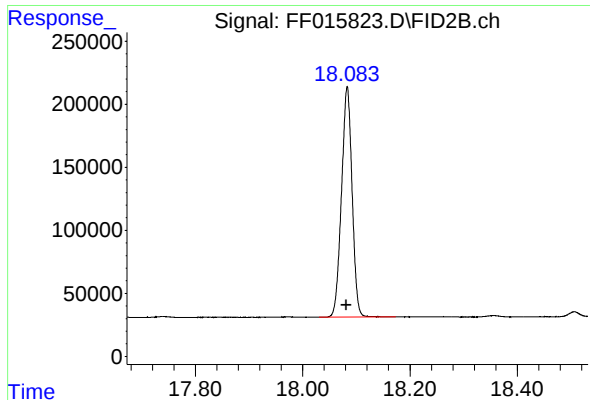
#15 n-Hexacosane (C26)

R.T.: 16.244 min
Delta R.T.: 0.000 min
Response: 2499674
Conc: 21.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.000 min
Response: 2472076
Conc: 21.12 ug/ml



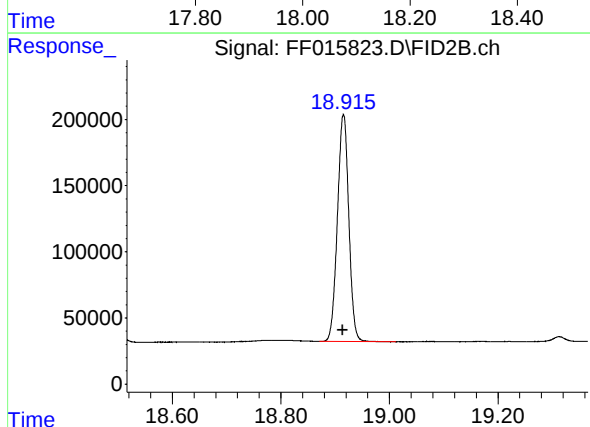
#17 n-Tricontane (C30)

R.T.: 18.083 min
Delta R.T.: 0.002 min
Response: 2502388
Conc: 20.85 ug/ml

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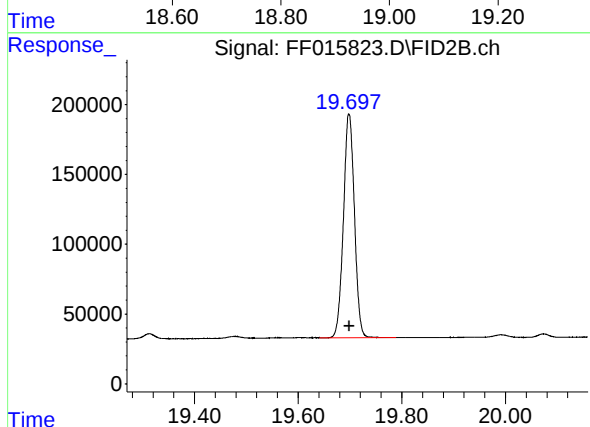
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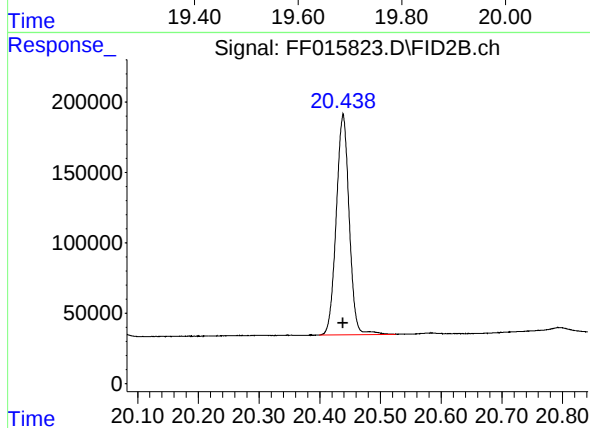
#18 n-Dotriacontane (C32)

R.T.: 18.915 min
Delta R.T.: 0.001 min
Response: 2497438
Conc: 20.24 ug/ml



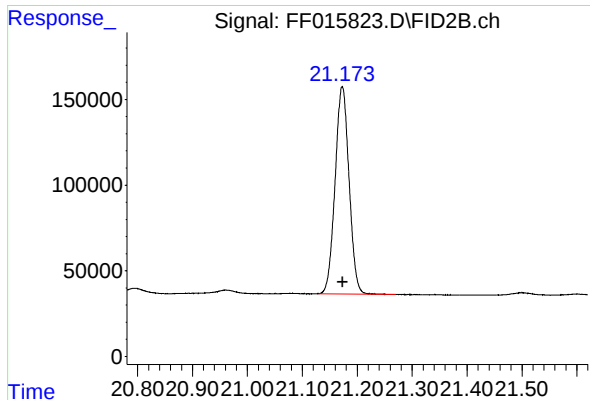
#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.000 min
Response: 2362123
Conc: 20.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: 0.000 min
Response: 2318360
Conc: 21.36 ug/ml



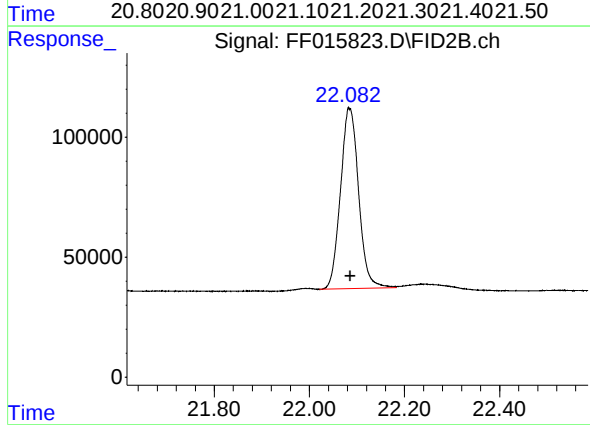
#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.001 min
Response: 2136806
Conc: 20.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.002 min
Response: 1994351
Conc: 19.83 ug/ml