

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121123AL\
 Data File : FF013832.D
 Signal(s) : FID2B.ch
 Acq On : 11 Dec 2023 21:09
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2023
 Supervised By :Ankita Jodhani 12/12/2023

Integration File: autoint1.e
 Quant Time: Dec 12 06:34:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121123.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 06:34:15 2023
 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)	11.870	1580556	10.768 ug/ml
Spiked Amount 50.000		Recovery =	21.54%
12) S 1-chlorooctadecane (S...	13.311	1124959	10.503 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
Target Compounds			
1) T n-Nonane (C9)	3.266	1303410	10.869 ug/ml
2) T n-Decane (C10)	4.516	1313556	10.831 ug/ml
3) T A~Naphthalene (C11.7)	6.214	1378537	10.582 ug/ml
4) T n-Dodecane (C12)	6.680	1319435	10.782 ug/ml
5) T A~2-methylnaphthalene...	7.309	1331660	10.468 ug/ml
6) T n-Tetradecane (C14)	8.506	1289960	10.711 ug/ml
7) T n-Hexadecane (C16)	10.113	1307543	10.691 ug/ml
8) T n-Octadecane (C18)	11.556	1316321	10.699 ug/ml
10) T n-Eicosane (C20)	12.867	1275712	10.657 ug/ml
11) T n-Heneicosane (C21)	13.479	1258953	10.681 ug/ml
13) T n-Docosane (C22)	14.066	1236801	10.637 ug/ml
14) T n-Tetracosane (C24)	15.170	1214439	10.643 ug/ml
15) T n-Hexacosane (C26)	16.192	1184703	10.653 ug/ml
16) T n-Octacosane (C28)	17.143	1157817	10.695 ug/ml
17) T n-Tricontane (C30)	18.030	1180560	10.833 ug/ml
18) T n-Dotriacontane (C32)	18.865	1189937	10.934 ug/ml
19) T n-Tetratriacontane (C34)	19.649	1159868	10.918 ug/ml
20) T n-Hexatriacontane (C36)	20.391	1221049	11.016 ug/mlm
21) T n-Octatriacontane (C38)	21.117	1188649	10.977 ug/ml
22) T n-Tetracontane (C40)	22.009	1233240	10.991 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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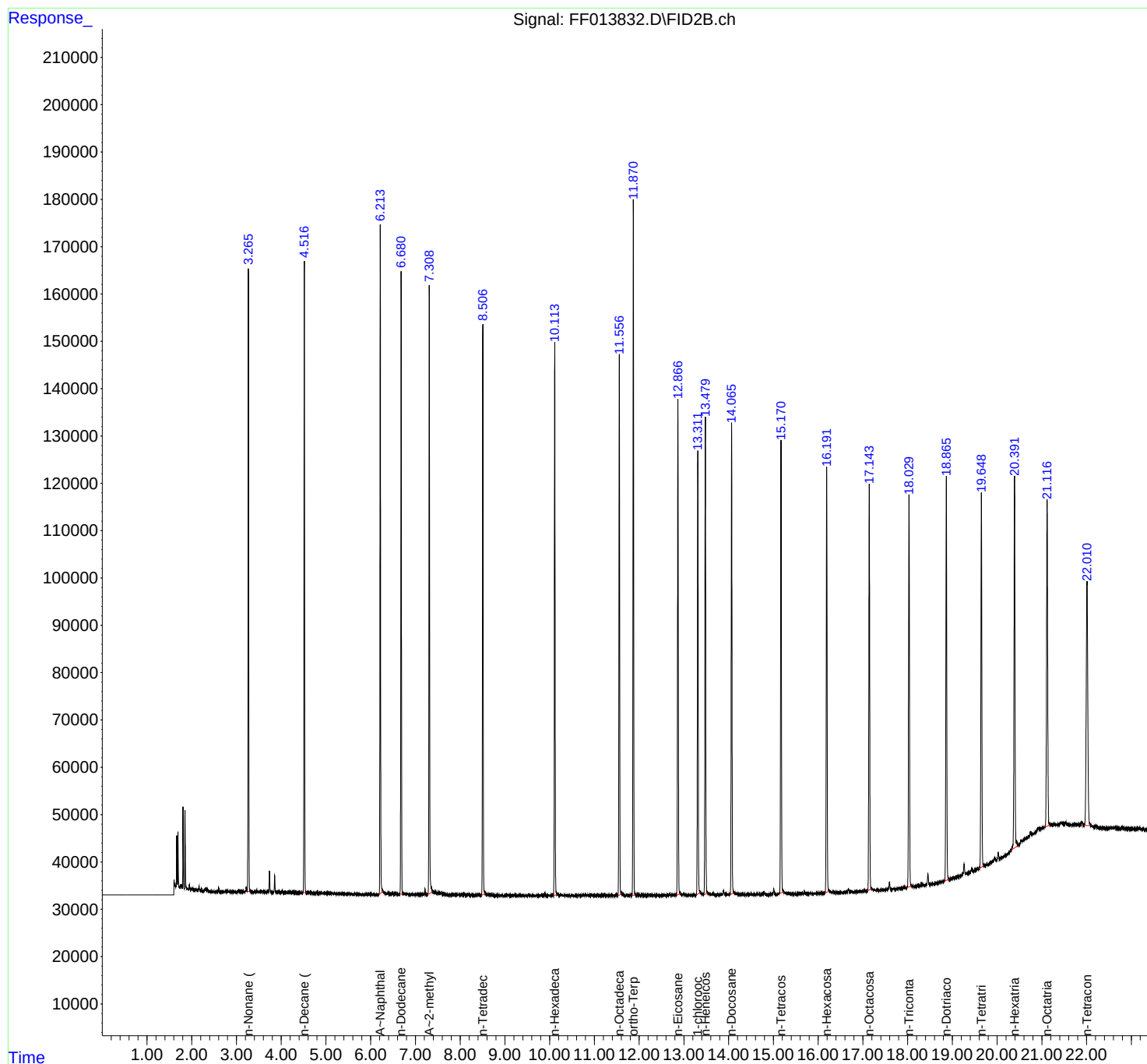
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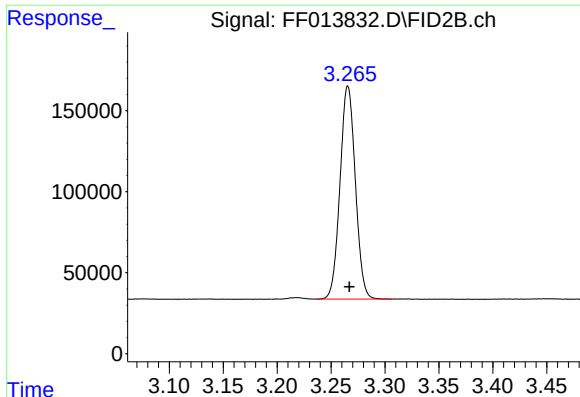
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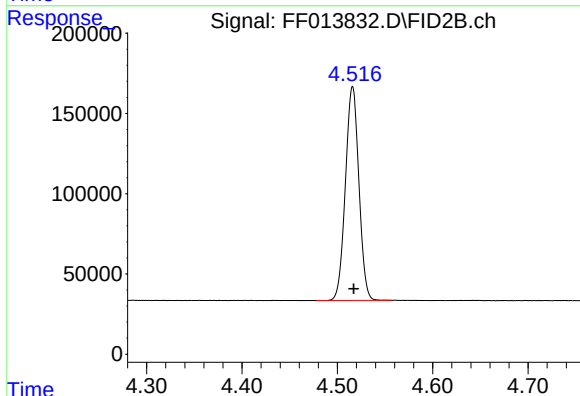
#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 1303410
Conc: 10.87 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

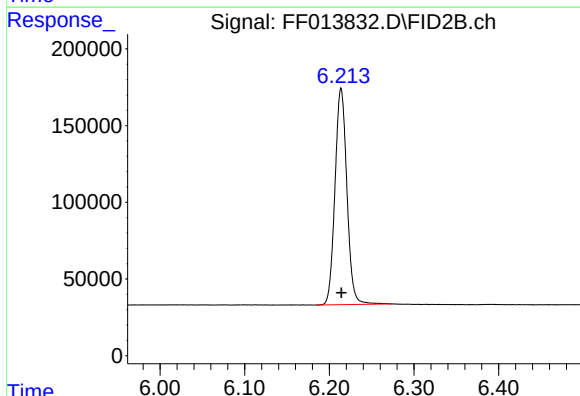
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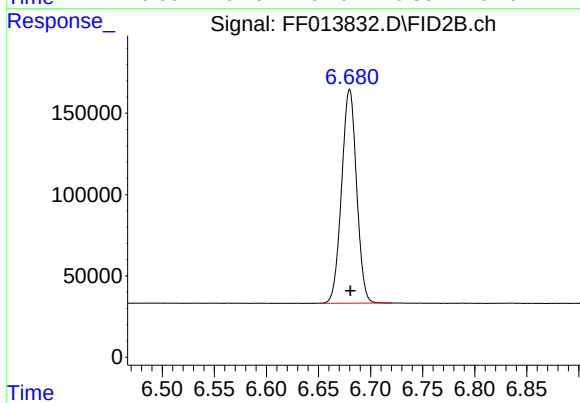
#2 n-Decane (C10)

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 1313556
Conc: 10.83 ug/ml



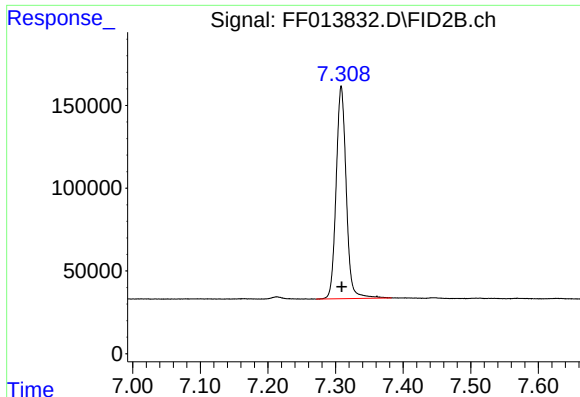
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 1378537
Conc: 10.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 1319435
Conc: 10.78 ug/ml



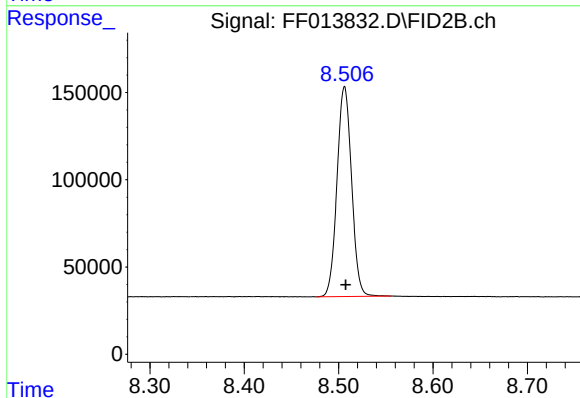
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 1331660
Conc: 10.47 ug/ml

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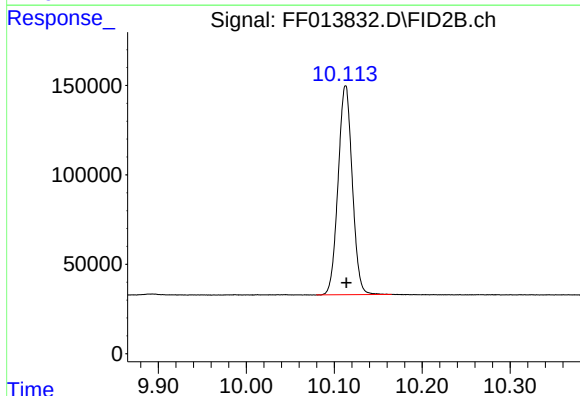
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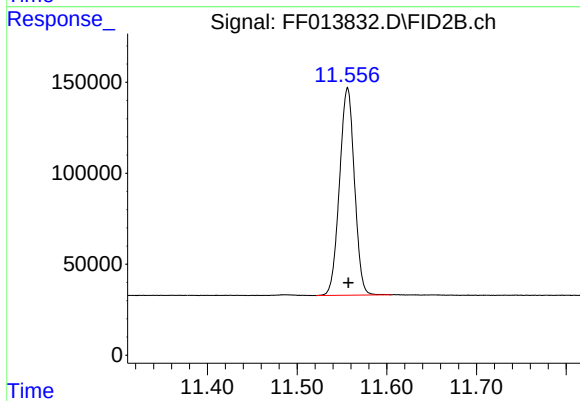
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 1289960
Conc: 10.71 ug/ml



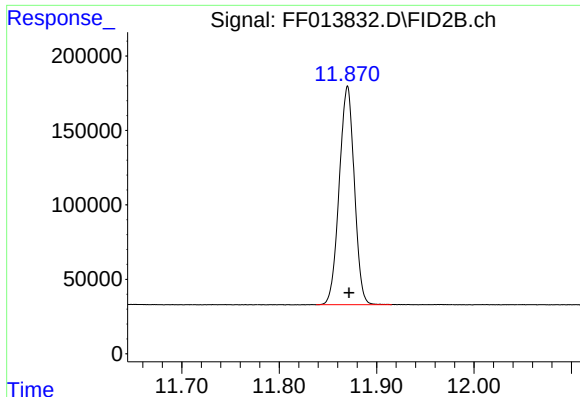
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.001 min
Response: 1307543
Conc: 10.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: 0.000 min
Response: 1316321
Conc: 10.70 ug/ml



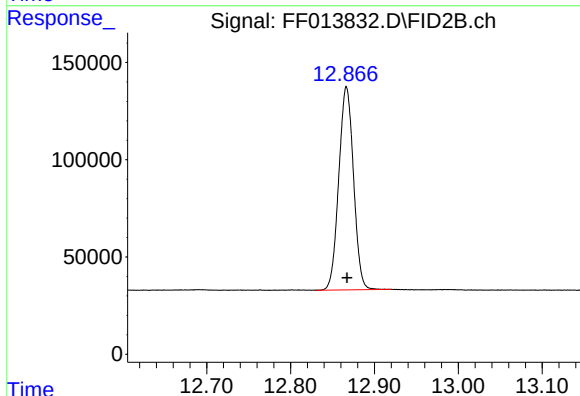
#9 ortho-Terphenyl (SURR)

R.T.: 11.870 min
Delta R.T.: -0.002 min
Response: 1580556
Conc: 10.77 ug/ml

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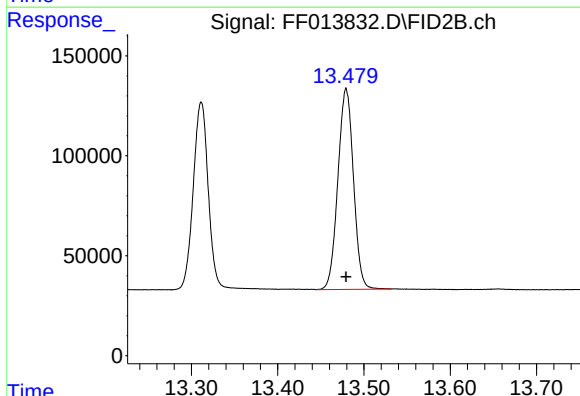
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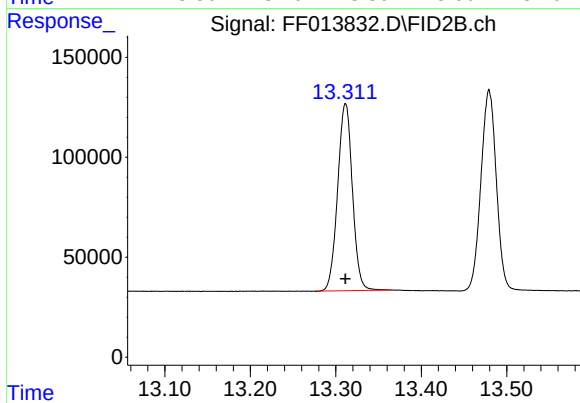
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 1275712
Conc: 10.66 ug/ml



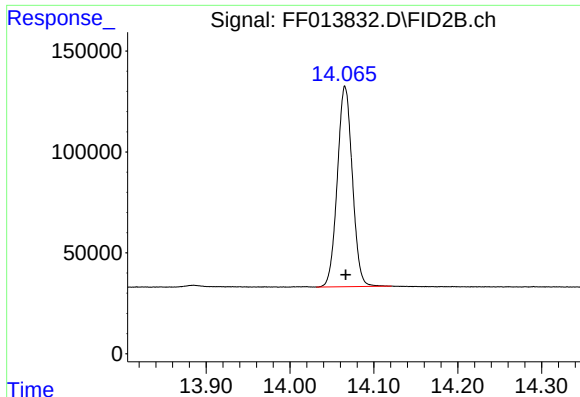
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 1258953
Conc: 10.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.000 min
Response: 1124959
Conc: 10.50 ug/ml



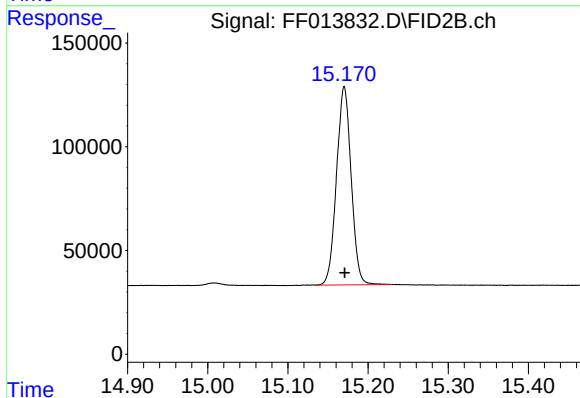
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.000 min
Response: 1236801
Conc: 10.64 ug/ml

Instrument :
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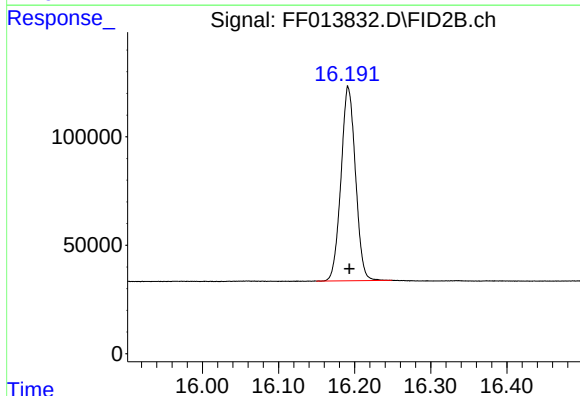
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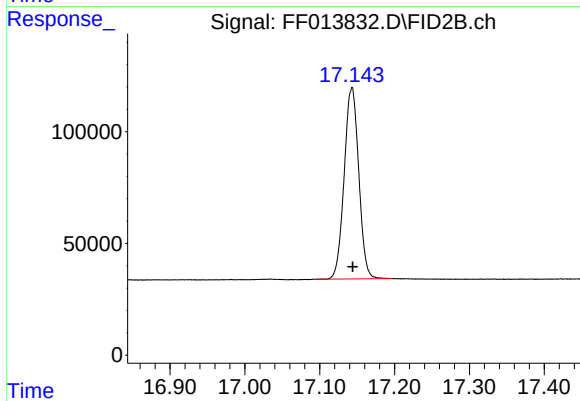
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: 0.000 min
Response: 1214439
Conc: 10.64 ug/ml



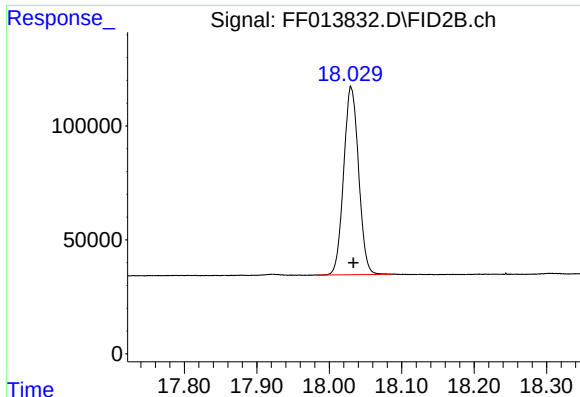
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.002 min
Response: 1184703
Conc: 10.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: -0.001 min
Response: 1157817
Conc: 10.70 ug/ml



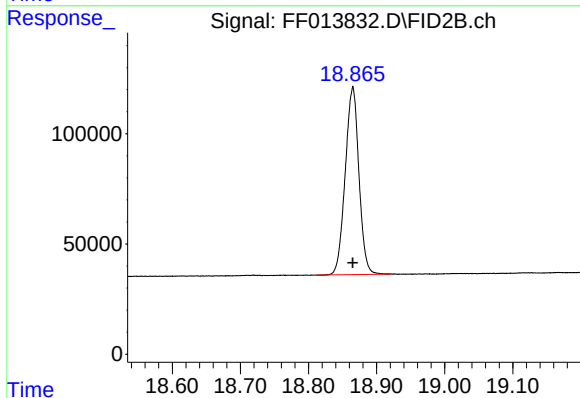
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.004 min
Response: 1180560
Conc: 10.83 ug/ml

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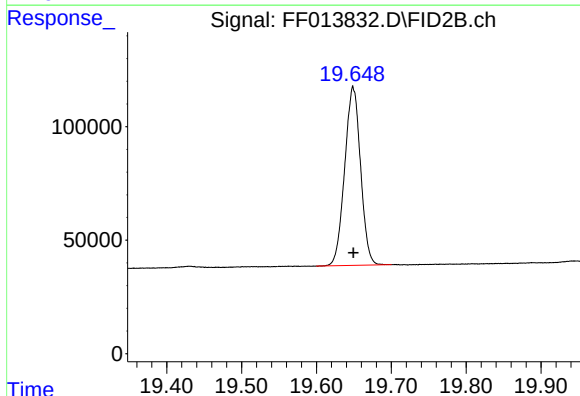
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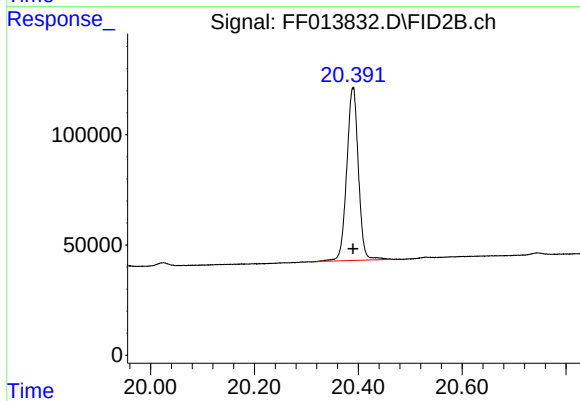
#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.000 min
Response: 1189937
Conc: 10.93 ug/ml



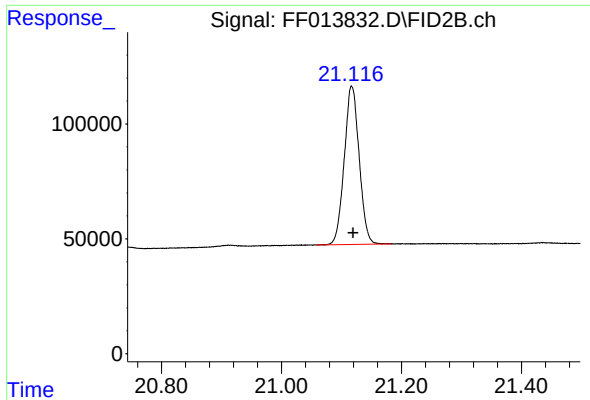
#19 n-Tetratriacontane (C34)

R.T.: 19.649 min
Delta R.T.: 0.000 min
Response: 1159868
Conc: 10.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.391 min
Delta R.T.: 0.001 min
Response: 1221049
Conc: 11.02 ug/ml m



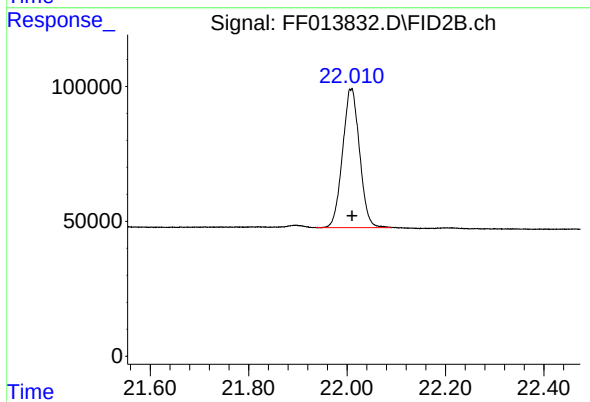
#21 n-Octatriacontane (C38)

R.T.: 21.117 min
Delta R.T.: -0.002 min
Response: 1188649
Conc: 10.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.009 min
Delta R.T.: -0.001 min
Response: 1233240
Conc: 10.99 ug/ml