

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080724AL\
 Data File : FF014418.D
 Signal(s) : FID2B.ch
 Acq On : 08 Aug 2024 08:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :Ankita Jodhani 08/08/2024

Integration File: autoint1.e
 Quant Time: Aug 08 08:43:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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)	11.810	2474593	17.570 ug/ml
Spiked Amount 50.000		Recovery =	35.14%
12) S 1-chlorooctadecane (S...	13.252	1727523	18.477 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.214	2025722	15.674 ug/ml
2) T n-Decane (C10)	4.462	2033946	15.523 ug/ml
3) T A~Naphthalene (C11.7)	6.157	2014181	15.819 ug/ml
4) T n-Dodecane (C12)	6.627	2060661	15.582 ug/ml
5) T A~2-methylnaphthalene...	7.252	1890243	16.316 ug/ml
6) T n-Tetradecane (C14)	8.453	2006878	15.590 ug/ml
7) T n-Hexadecane (C16)	10.058	1978905	15.284 ug/ml
8) T n-Octadecane (C18)	11.500	2015762	15.266 ug/ml
10) T n-Eicosane (C20)	12.810	1981318	15.764 ug/ml
11) T n-Heneicosane (C21)	13.421	1954184	15.933 ug/ml
13) T n-Docosane (C22)	14.008	1912037	15.955 ug/ml
14) T n-Tetracosane (C24)	15.110	1853904	15.863 ug/ml
15) T n-Hexacosane (C26)	16.131	1784781	15.791 ug/ml
16) T n-Octacosane (C28)	17.081	1730304	15.697 ug/ml
17) T n-Tricontane (C30)	17.969	1720258	15.412 ug/ml
18) T n-Dotriacontane (C32)	18.799	1705712	15.540 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	1622423	15.806 ug/mlm
20) T n-Hexatriacontane (C36)	20.322	1555020	17.418 ug/mlm
21) T n-Octatriacontane (C38)	21.045	1334556	19.379 ug/ml
22) T n-Tetracontane (C40)	21.918	1007042	22.510 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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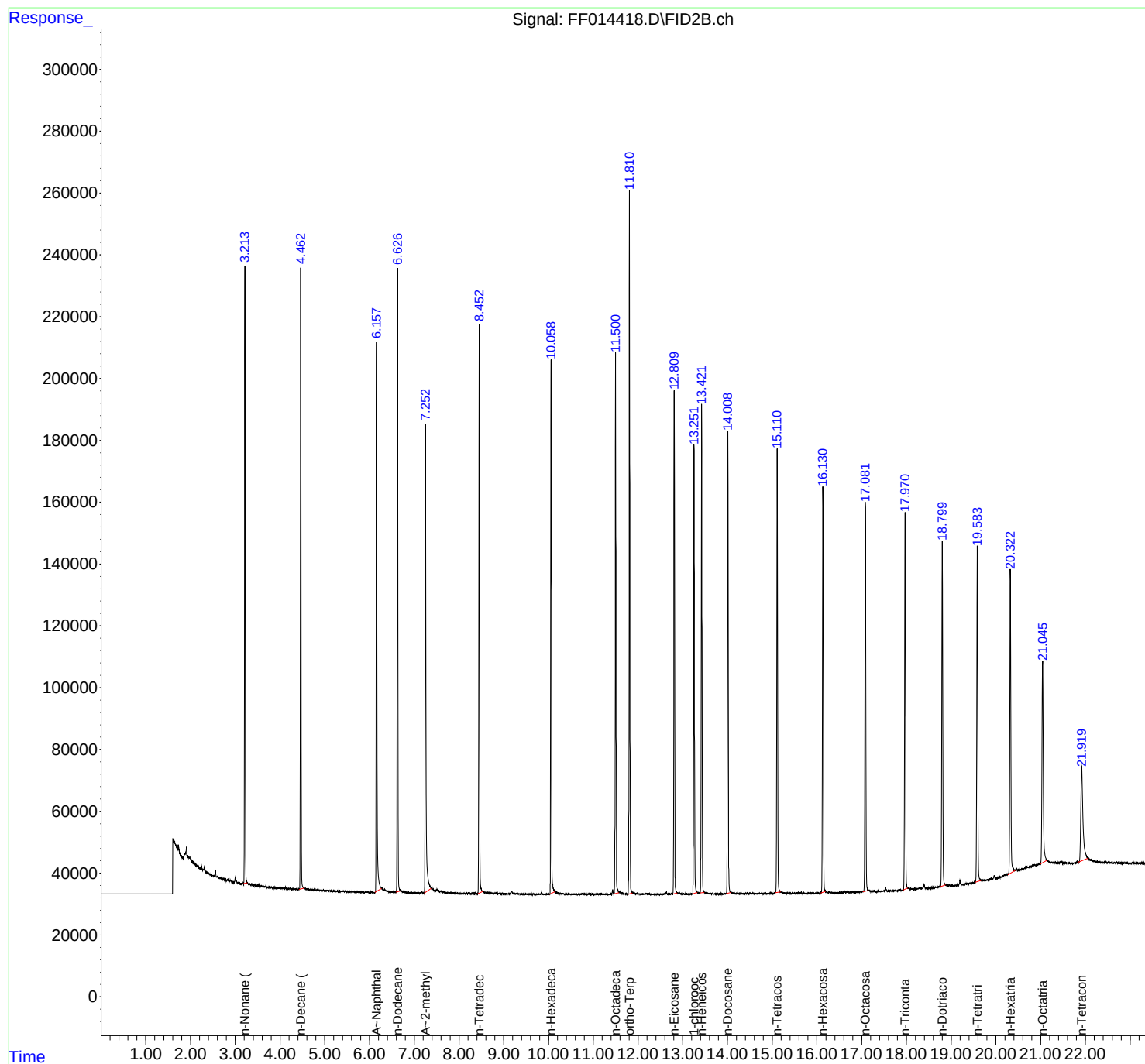
Instrument :
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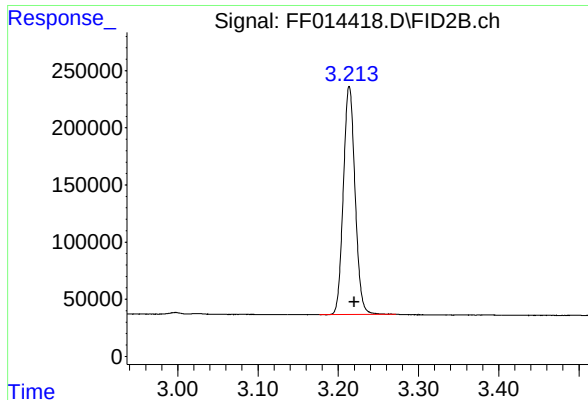
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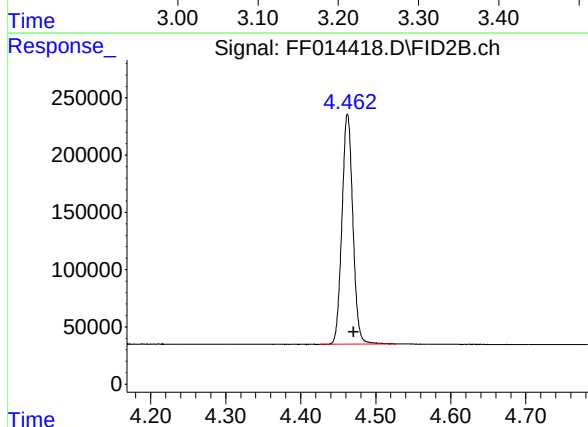
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.006 min
Response: 2025722
Conc: 15.67 ug/ml

Instrument :
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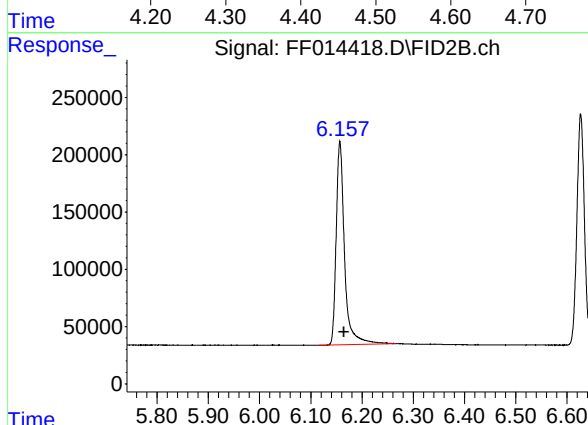
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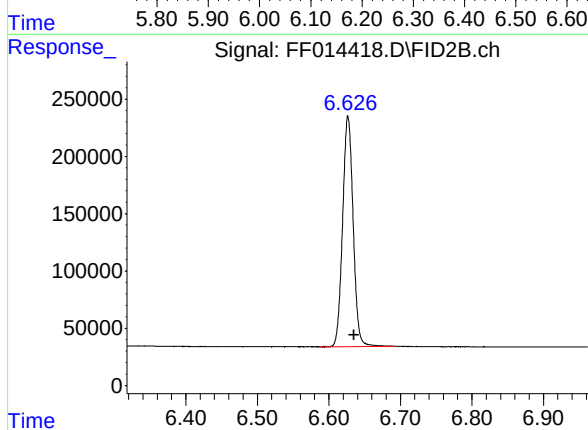
#2 n-Decane (C10)

R.T.: 4.462 min
Delta R.T.: -0.008 min
Response: 2033946
Conc: 15.52 ug/ml



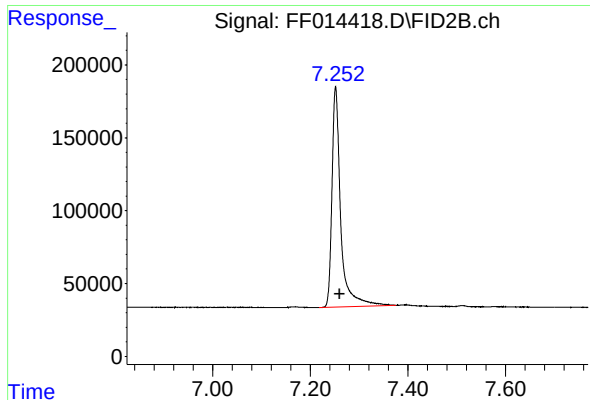
#3 A~Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.008 min
Response: 2014181
Conc: 15.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.627 min
Delta R.T.: -0.008 min
Response: 2060661
Conc: 15.58 ug/ml



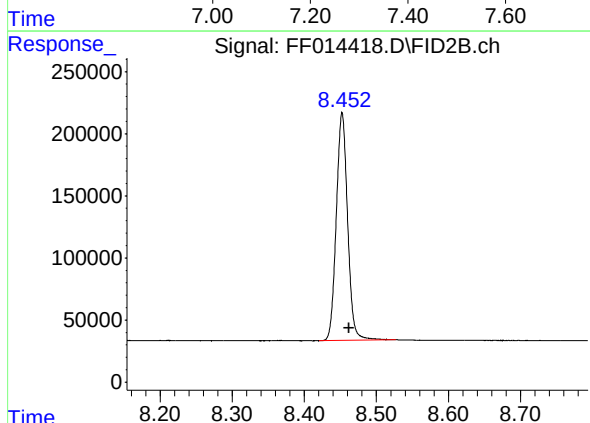
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.008 min
Response: 1890243
Conc: 16.32 ug/ml

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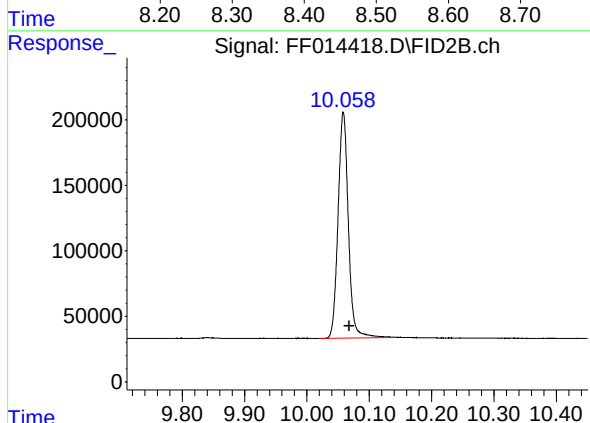
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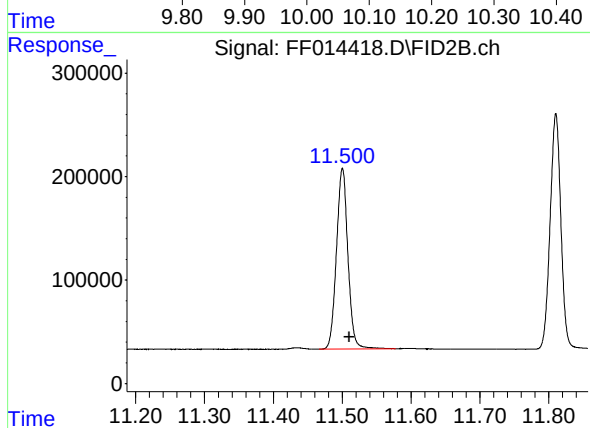
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 2006878
Conc: 15.59 ug/ml



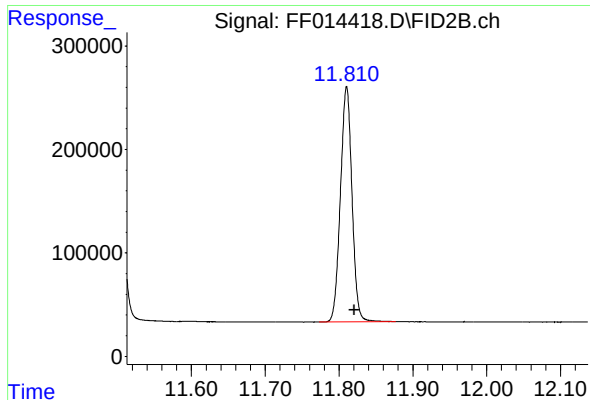
#7 n-Hexadecane (C16)

R.T.: 10.058 min
Delta R.T.: -0.009 min
Response: 1978905
Conc: 15.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.500 min
Delta R.T.: -0.010 min
Response: 2015762
Conc: 15.27 ug/ml



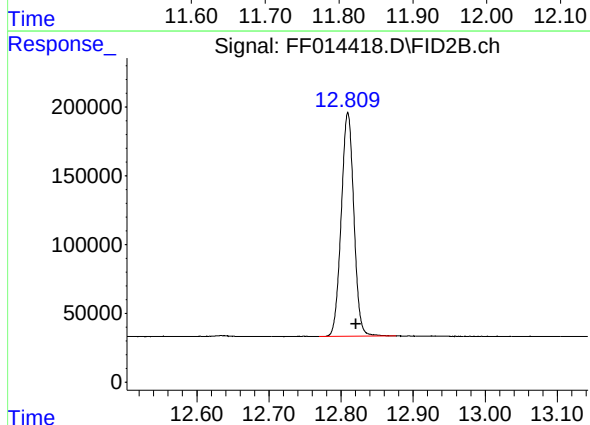
#9 ortho-Terphenyl (SURR)

R.T.: 11.810 min
Delta R.T.: -0.010 min
Response: 2474593
Conc: 17.57 ug/ml

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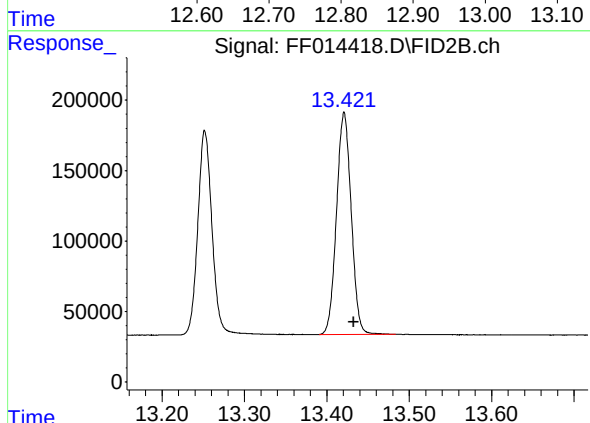
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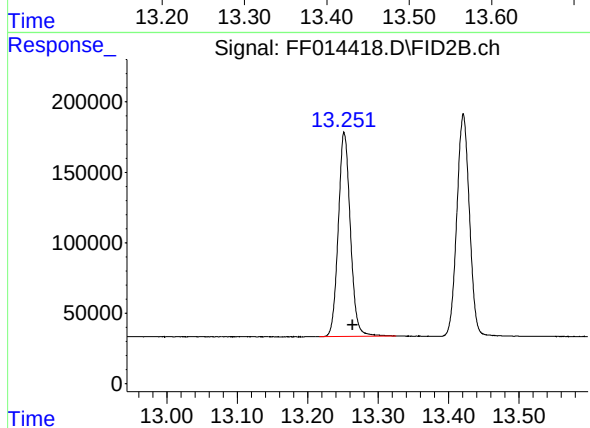
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.011 min
Response: 1981318
Conc: 15.76 ug/ml



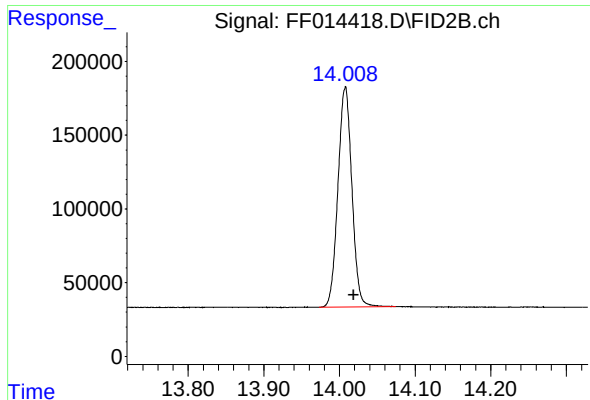
#11 n-Heneicosane (C21)

R.T.: 13.421 min
Delta R.T.: -0.012 min
Response: 1954184
Conc: 15.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min
Delta R.T.: -0.012 min
Response: 1727523
Conc: 18.48 ug/ml



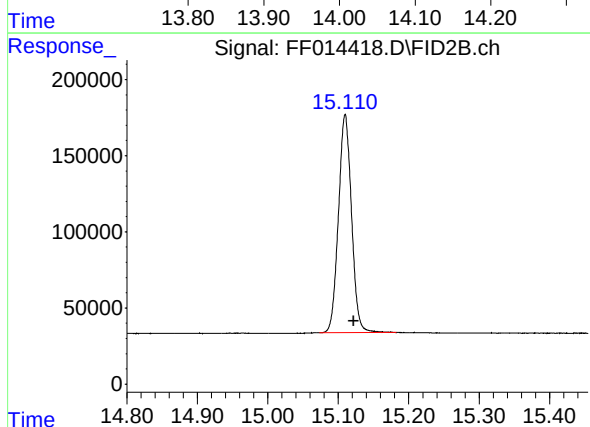
#13 n-Docosane (C22)

R.T.: 14.008 min
Delta R.T.: -0.011 min
Response: 1912037
Conc: 15.96 ug/ml

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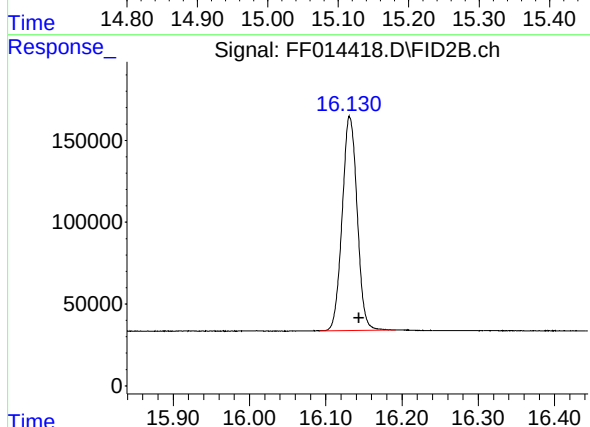
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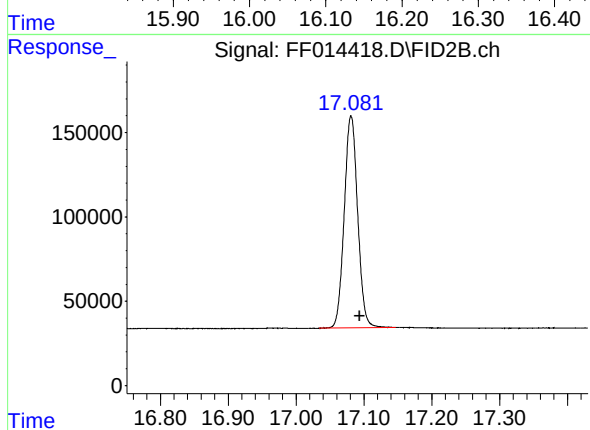
#14 n-Tetracosane (C24)

R.T.: 15.110 min
Delta R.T.: -0.012 min
Response: 1853904
Conc: 15.86 ug/ml



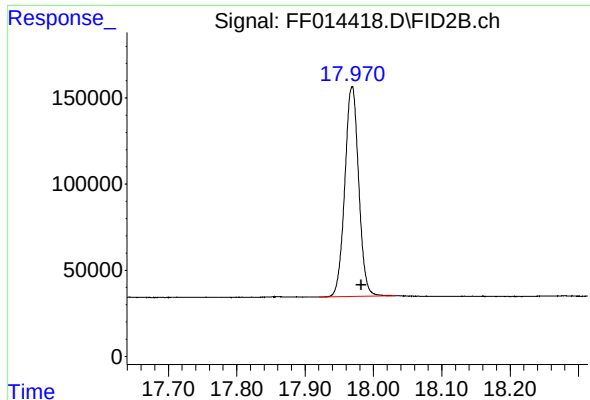
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.012 min
Response: 1784781
Conc: 15.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.013 min
Response: 1730304
Conc: 15.70 ug/ml



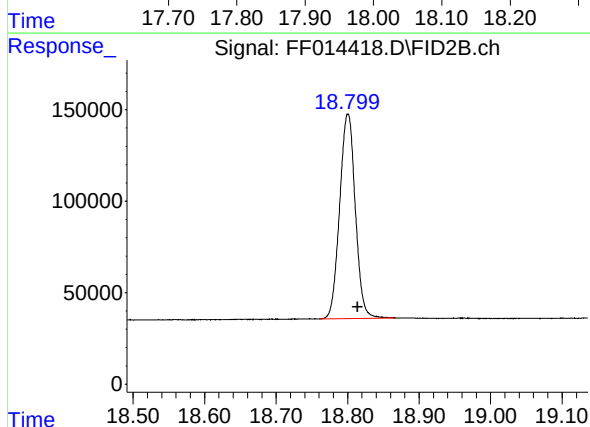
#17 n-Tricontane (C30)

R.T.: 17.969 min
Delta R.T.: -0.013 min
Response: 1720258
Conc: 15.41 ug/ml

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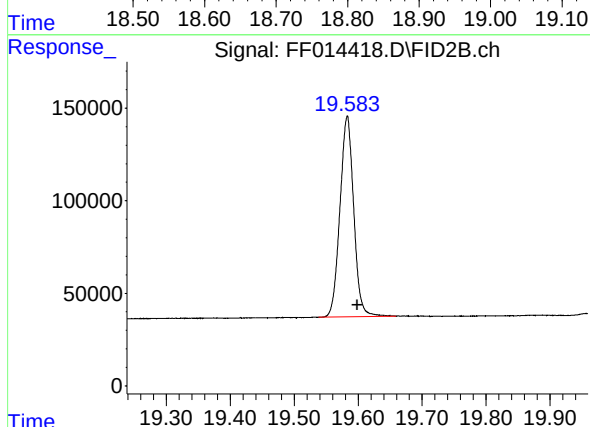
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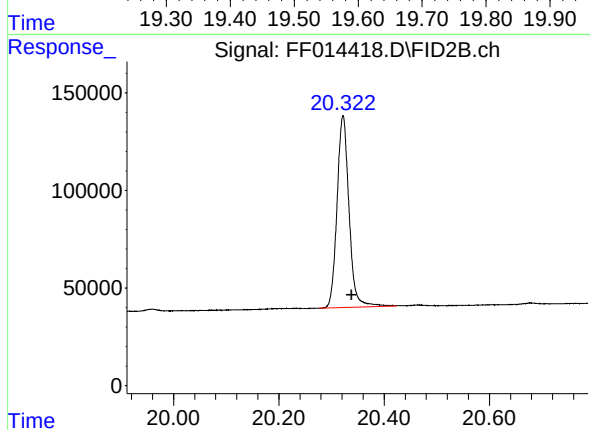
#18 n-Dotriacontane (C32)

R.T.: 18.799 min
Delta R.T.: -0.015 min
Response: 1705712
Conc: 15.54 ug/ml m



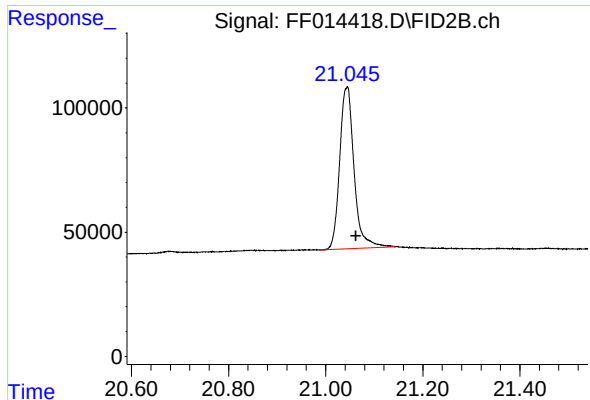
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: -0.016 min
Response: 1622423
Conc: 15.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: -0.017 min
Response: 1555020
Conc: 17.42 ug/ml m



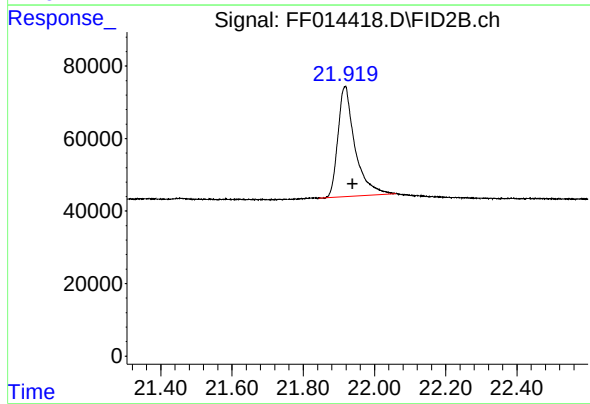
#21 n-Octatriacontane (C38)

R.T.: 21.045 min
Delta R.T.: -0.018 min
Response: 1334556
Conc: 19.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.918 min
Delta R.T.: -0.021 min
Response: 1007042
Conc: 22.51 ug/ml