

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014729.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 03:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 05:48:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 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)	11.913	2993322	19.631 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.349	2363207	19.671 ug/ml
Spiked Amount 50.000		Recovery =	39.34%
Target Compounds			
1) T n-Nonane (C9)	3.314	2475807	19.678 ug/ml
2) T n-Decane (C10)	4.563	2513928	19.663 ug/ml
3) T A~Naphthalene (C11.7)	6.258	2762786	19.666 ug/ml
4) T n-Dodecane (C12)	6.723	2533889	19.652 ug/ml
5) T A~2-methylnaphthalene...	7.351	2687396	19.667 ug/ml
6) T n-Tetradecane (C14)	8.547	2534225	19.671 ug/ml
7) T n-Hexadecane (C16)	10.153	2656943	19.696 ug/ml
8) T n-Octadecane (C18)	11.596	2737671	19.678 ug/ml
10) T n-Eicosane (C20)	12.905	2698427	19.683 ug/ml
11) T n-Heneicosane (C21)	13.516	2687384	19.673 ug/ml
13) T n-Docosane (C22)	14.102	2704185	19.688 ug/ml
14) T n-Tetracosane (C24)	15.205	2750779	19.690 ug/ml
15) T n-Hexacosane (C26)	16.225	2744981	19.672 ug/ml
16) T n-Octacosane (C28)	17.175	2701983	19.570 ug/ml
17) T n-Tricontane (C30)	18.061	2740679	19.455 ug/ml
18) T n-Dotriacontane (C32)	18.893	2622166	18.903 ug/ml
19) T n-Tetratriacontane (C34)	19.677	2273725	19.365 ug/ml
20) T n-Hexatriacontane (C36)	20.416	1926665	19.123 ug/ml
21) T n-Octatriacontane (C38)	21.148	1756380	19.520 ug/ml
22) T n-Tetracontane (C40)	22.054	1661320	18.530 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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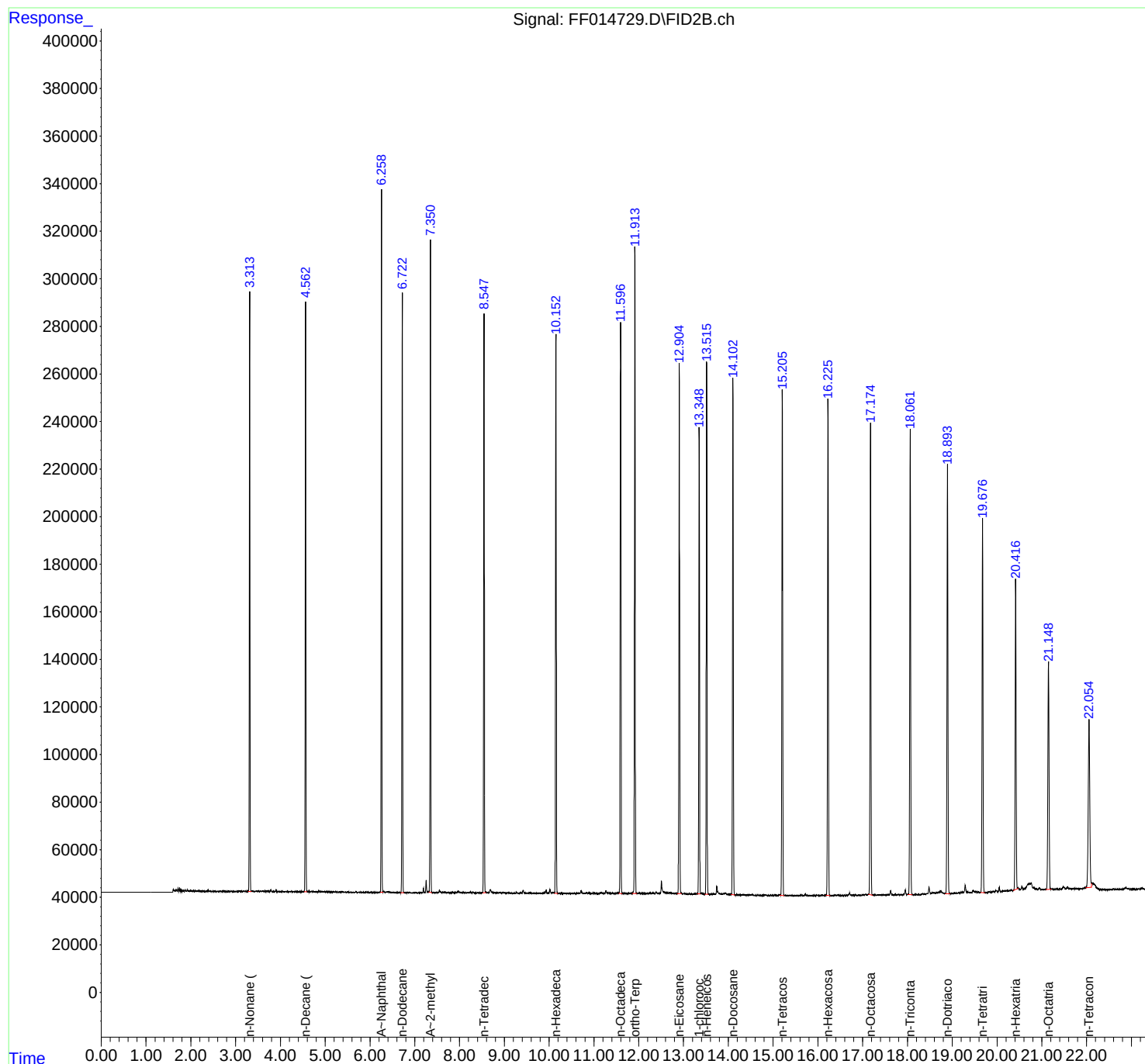
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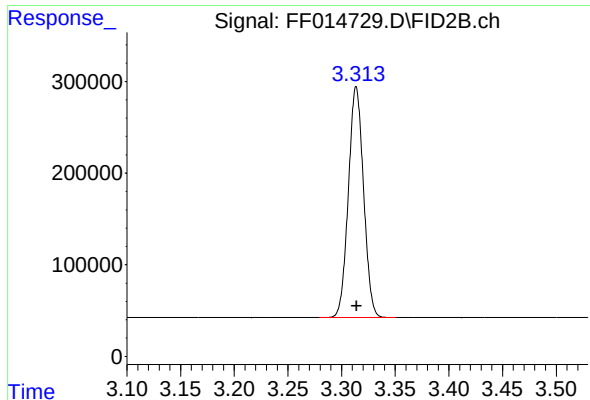
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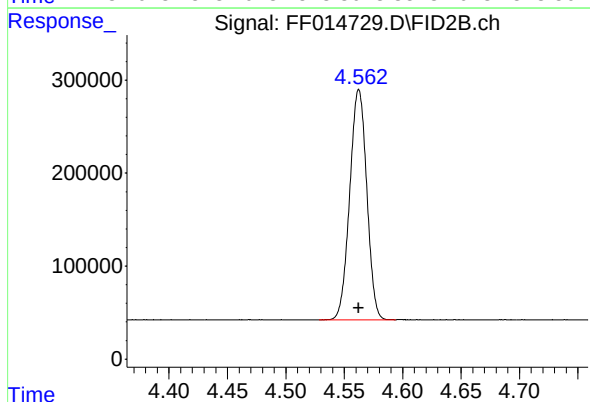
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2475807
Conc: 19.68 ug/ml

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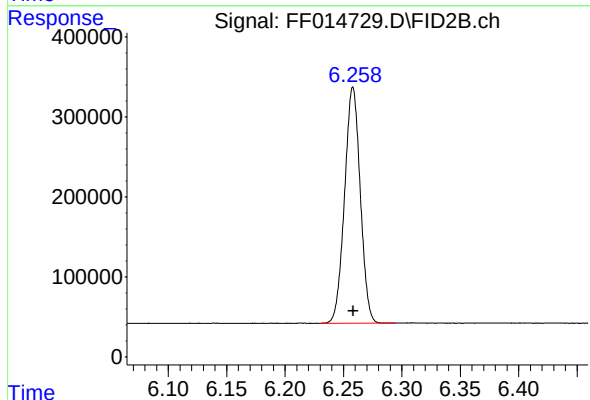
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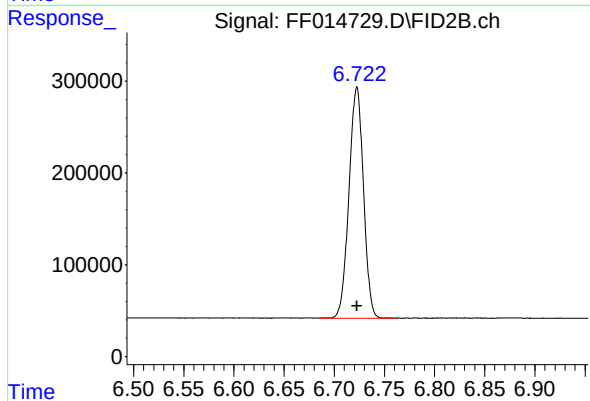
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 2513928
Conc: 19.66 ug/ml



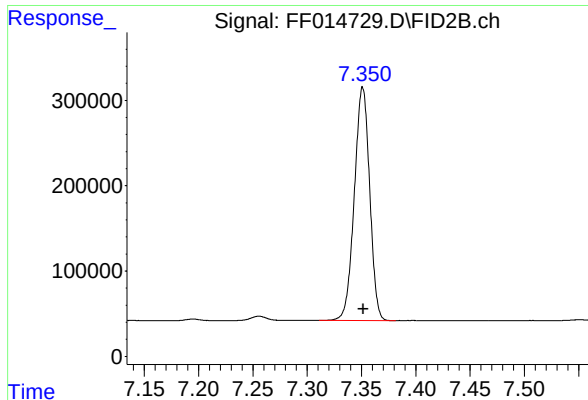
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 2762786
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2533889
Conc: 19.65 ug/ml



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

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2687396
Conc: 19.67 ug/ml

Instrument :

FID_F

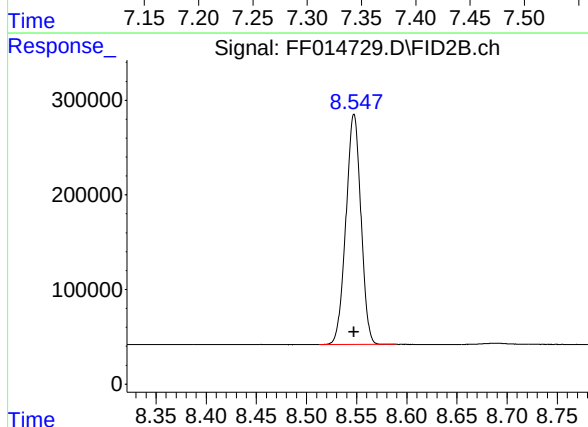
ClientSampleId :

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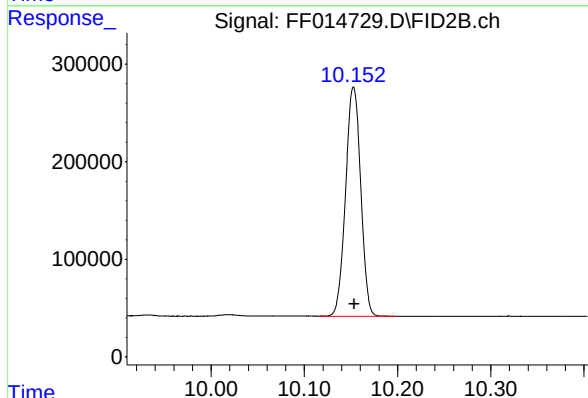
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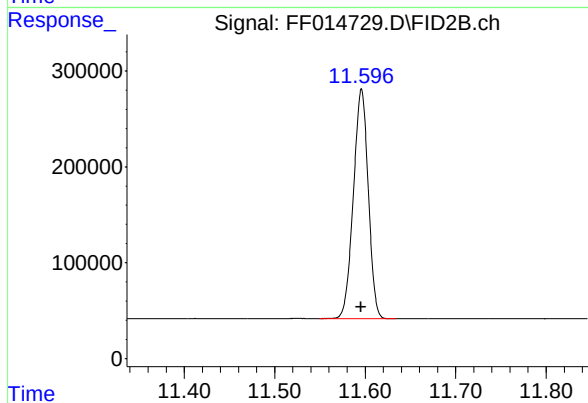
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: 0.000 min
Response: 2534225
Conc: 19.67 ug/ml



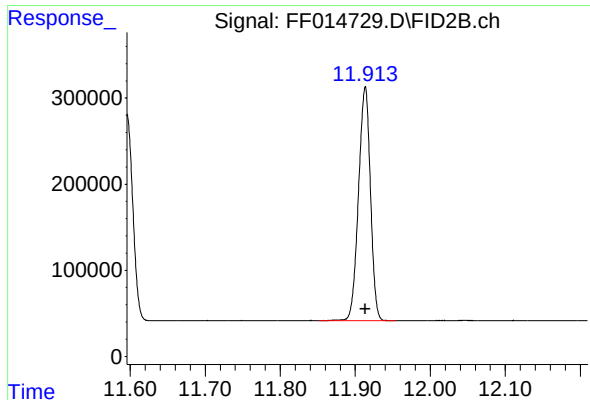
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 2656943
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 2737671
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 2993322
Conc: 19.63 ug/ml

Instrument :

FID_F

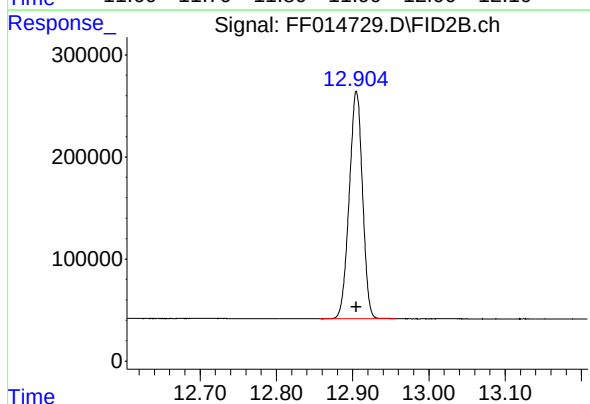
ClientSampleId :

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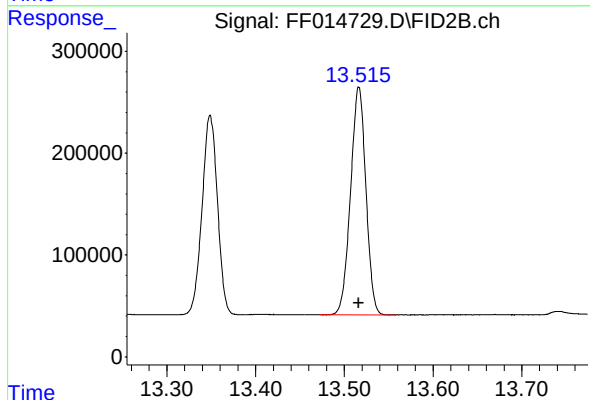
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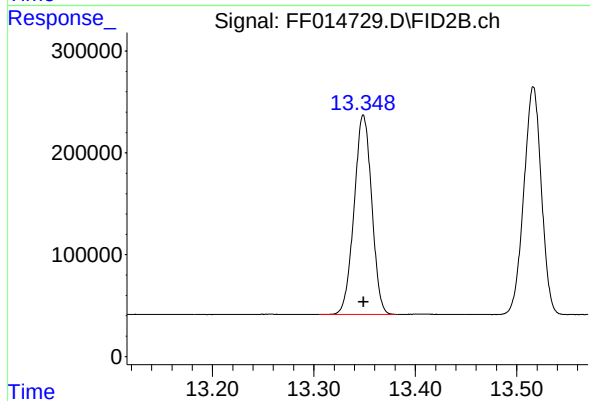
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: 0.000 min
Response: 2698427
Conc: 19.68 ug/ml



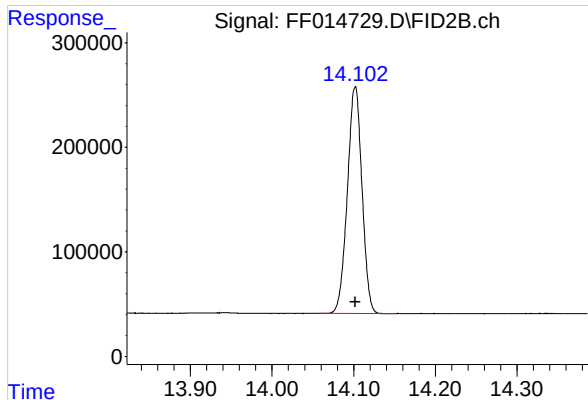
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: 0.000 min
Response: 2687384
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 2363207
Conc: 19.67 ug/ml



#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: 0.000 min
Response: 2704185
Conc: 19.69 ug/ml

Instrument :

FID_F

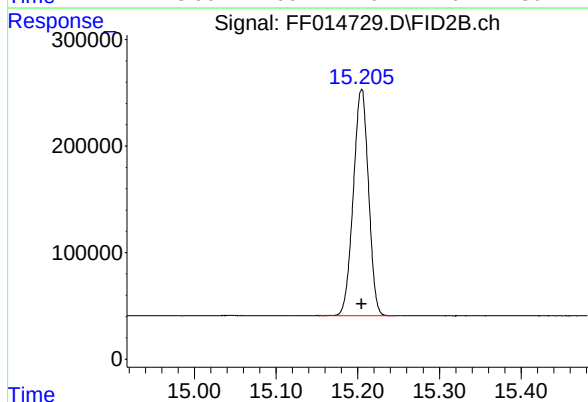
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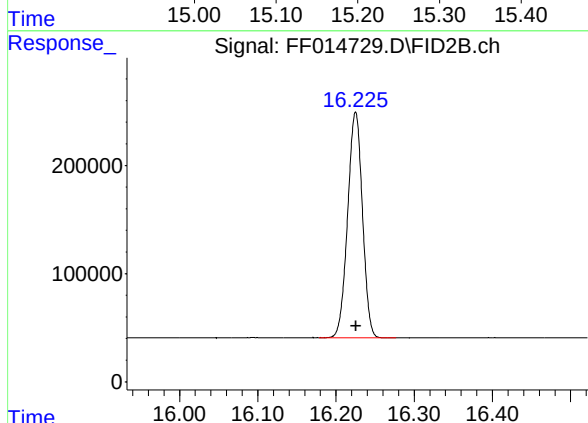
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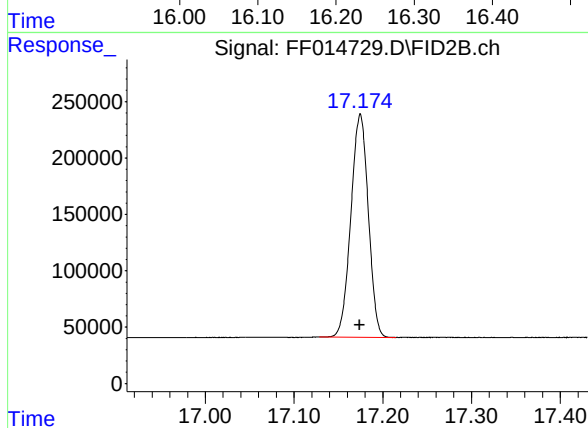
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 2750779
Conc: 19.69 ug/ml



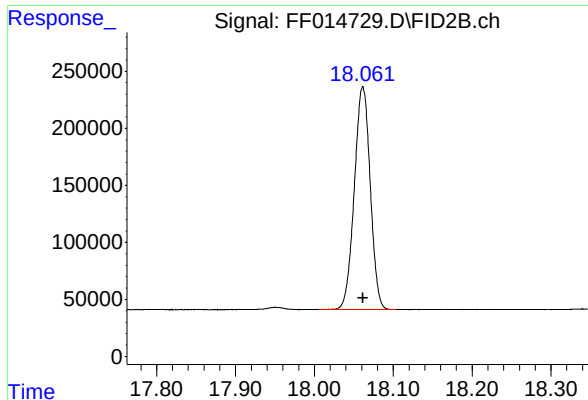
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2744981
Conc: 19.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.175 min
Delta R.T.: 0.000 min
Response: 2701983
Conc: 19.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: 0.000 min
Response: 2740679
Conc: 19.46 ug/ml

Instrument :

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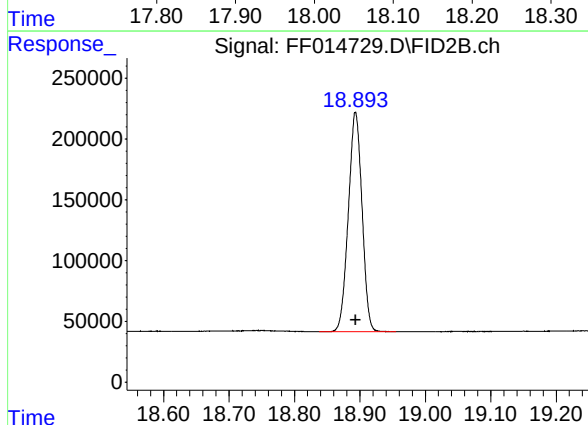
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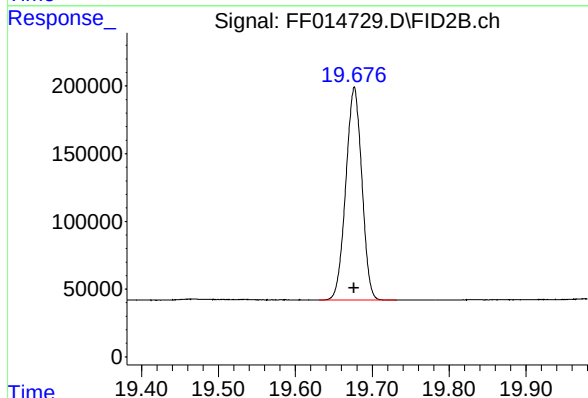
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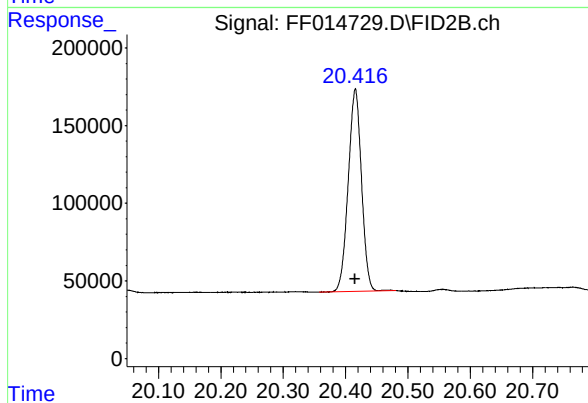
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 2622166
Conc: 18.90 ug/ml



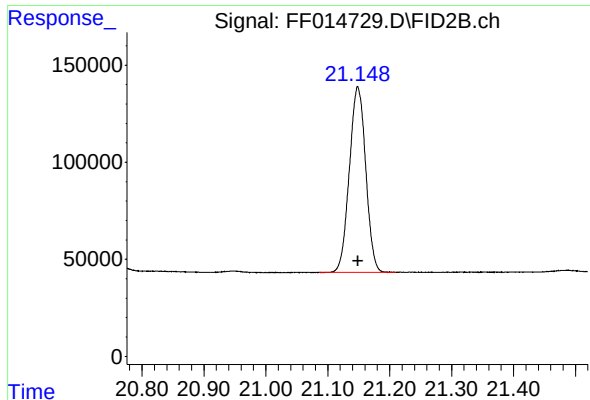
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.000 min
Response: 2273725
Conc: 19.37 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.416 min
Delta R.T.: 0.000 min
Response: 1926665
Conc: 19.12 ug/ml



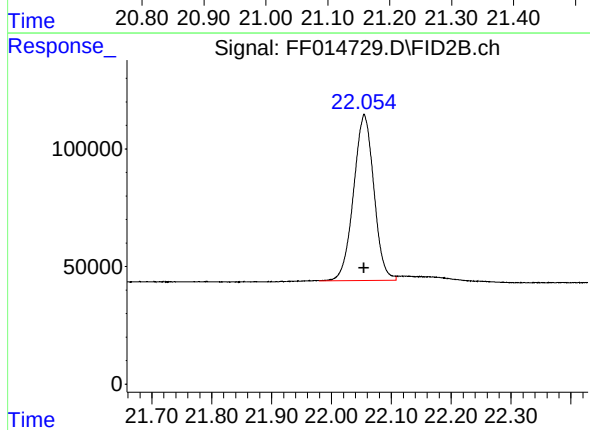
#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: 0.000 min
Response: 1756380
Conc: 19.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.054 min
Delta R.T.: 0.000 min
Response: 1661320
Conc: 18.53 ug/ml m