

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082223AL\
 Data File : FF013299.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2023 21:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/23/2023
 Supervised By :Ankita Jodhani 08/23/2023

Integration File: autoint1.e
 Quant Time: Aug 22 23:43:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.888	2608172	18.983 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
12) S 1-chlorooctadecane (S...	13.327	1987619	18.967 ug/ml
Spiked Amount 50.000		Recovery =	37.93%
Target Compounds			
1) T n-Nonane (C9)	3.282	2046035	19.148 ug/ml
2) T n-Decane (C10)	4.534	2060473	19.227 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2282339	19.278 ug/ml
4) T n-Dodecane (C12)	6.698	2092866	19.341 ug/ml
5) T A~2-methylnaphthalene...	7.326	2286268	19.288 ug/ml
6) T n-Tetradecane (C14)	8.523	2086333	19.328 ug/ml
7) T n-Hexadecane (C16)	10.131	2096881	19.344 ug/ml
8) T n-Octadecane (C18)	11.574	2106145	19.234 ug/ml
10) T n-Eicosane (C20)	12.883	2095731	19.099 ug/ml
11) T n-Heneicosane (C21)	13.494	2079612	18.929 ug/ml
13) T n-Docosane (C22)	14.080	2088430	19.022 ug/ml
14) T n-Tetracosane (C24)	15.183	2107252	19.180 ug/ml
15) T n-Hexacosane (C26)	16.203	2076121	18.996 ug/ml
16) T n-Octacosane (C28)	17.152	2060319	19.082 ug/ml
17) T n-Tricontane (C30)	18.039	2083222	19.049 ug/ml
18) T n-Dotriacontane (C32)	18.870	2072885	18.351 ug/ml
19) T n-Tetratriacontane (C34)	19.652	1918732	18.063 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	1926450	18.277 ug/ml
21) T n-Octatriacontane (C38)	21.121	1861439	18.430 ug/ml
22) T n-Tetracontane (C40)	22.014	2025049	20.375 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

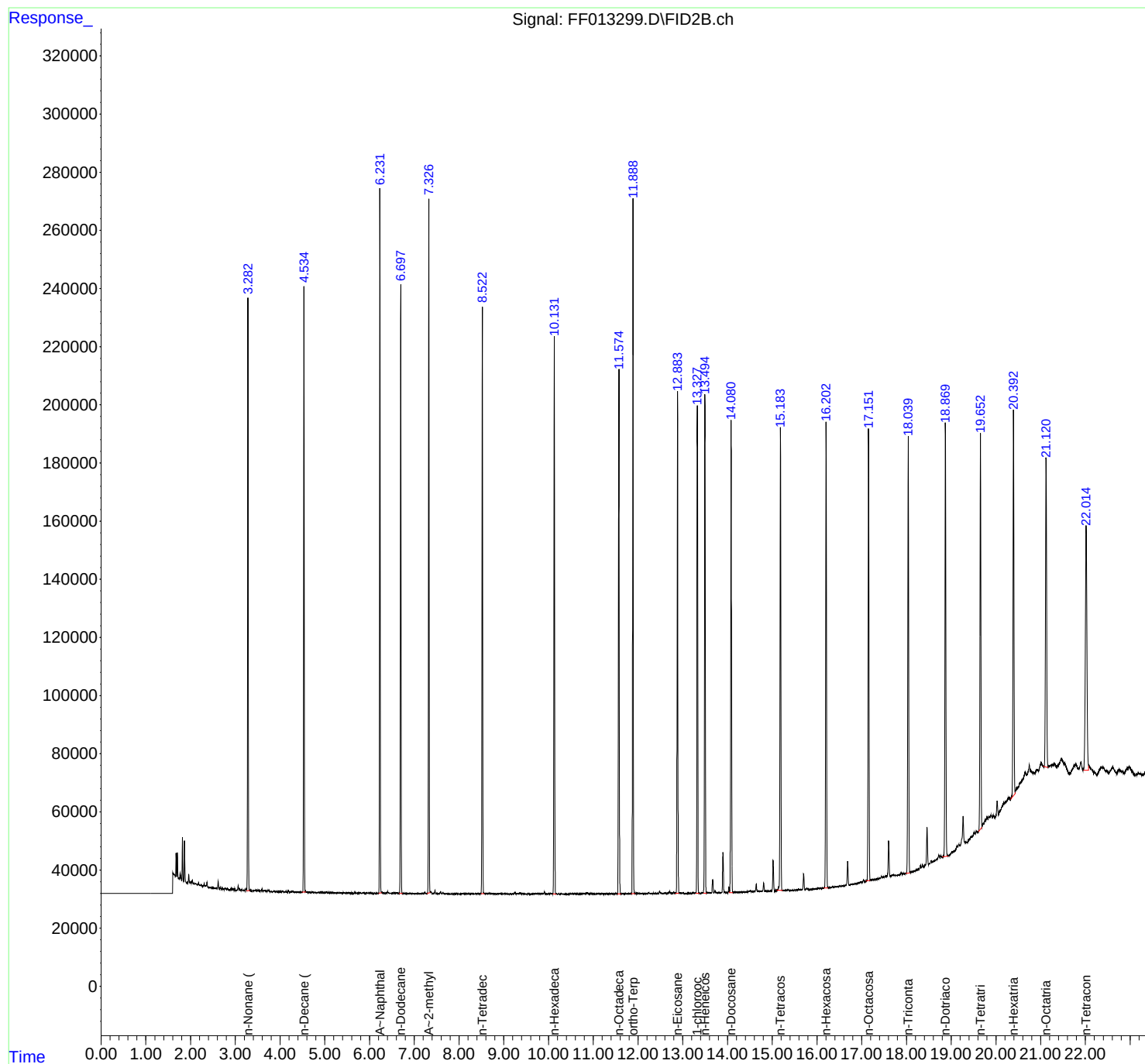
Instrument :
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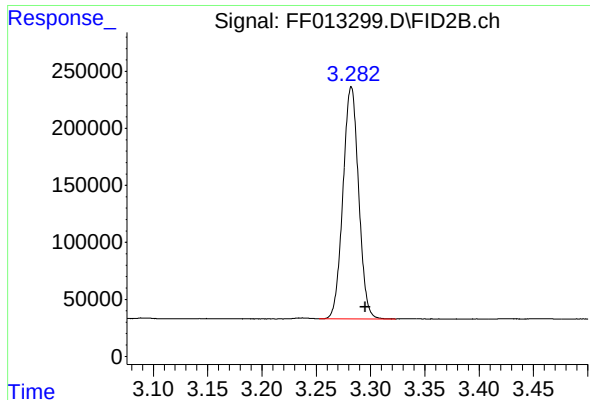
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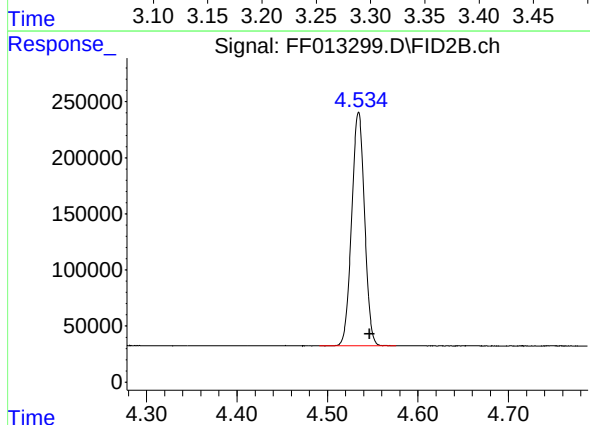
#1 n-Nonane (C9)

R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2046035
Conc: 19.15 ug/ml

Instrument : FID_F
ClientSampleId : 20 PPM ALIPHATIC HC STD

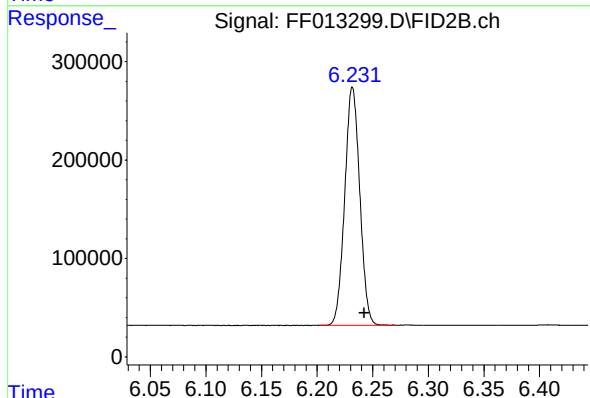
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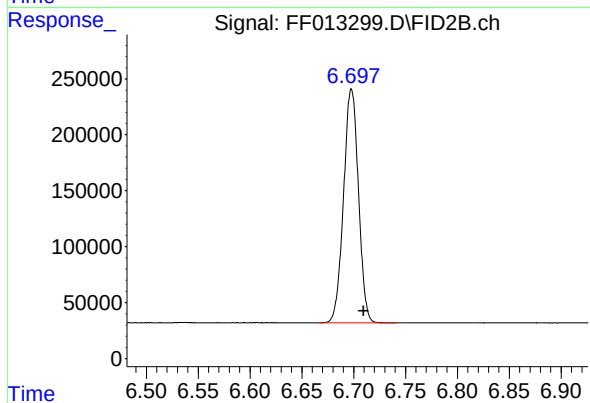
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.012 min
Response: 2060473
Conc: 19.23 ug/ml



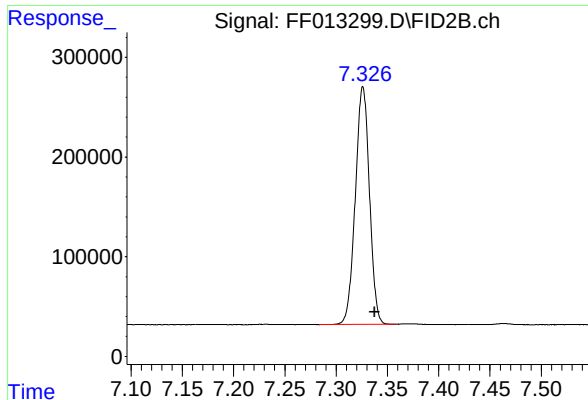
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.011 min
Response: 2282339
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 2092866
Conc: 19.34 ug/ml



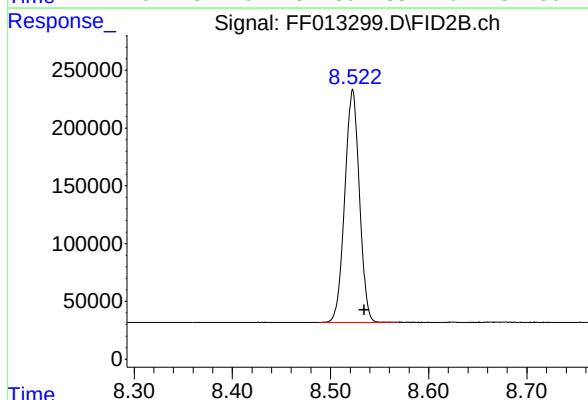
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.326 min
Delta R.T.: -0.012 min
Response: 2286268
Conc: 19.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

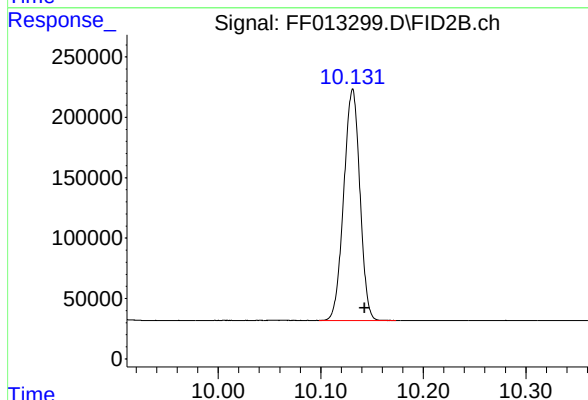
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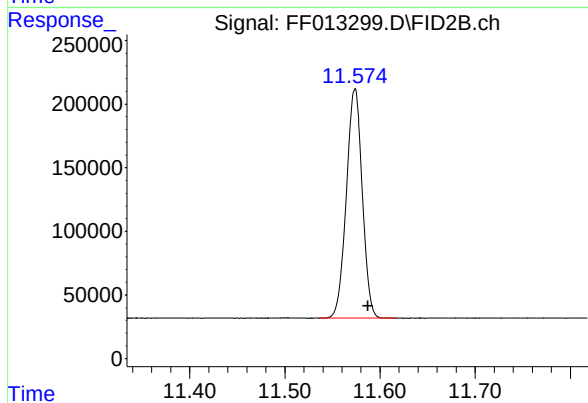
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.012 min
Response: 2086333
Conc: 19.33 ug/ml



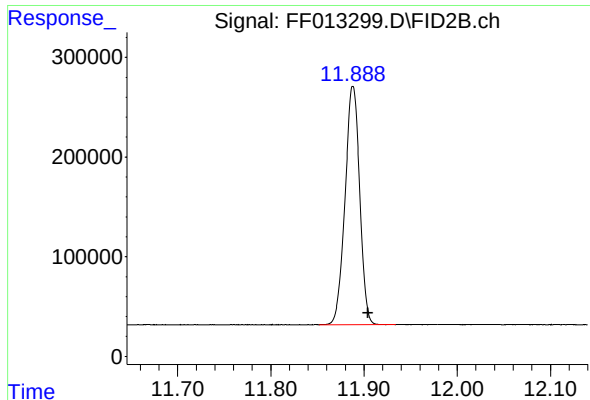
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.011 min
Response: 2096881
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.574 min
Delta R.T.: -0.014 min
Response: 2106145
Conc: 19.23 ug/ml



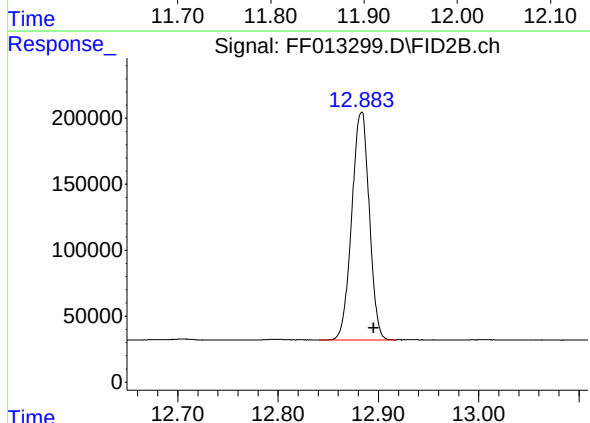
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.016 min
Response: 2608172
Conc: 18.98 ug/ml

Instrument : FID_F
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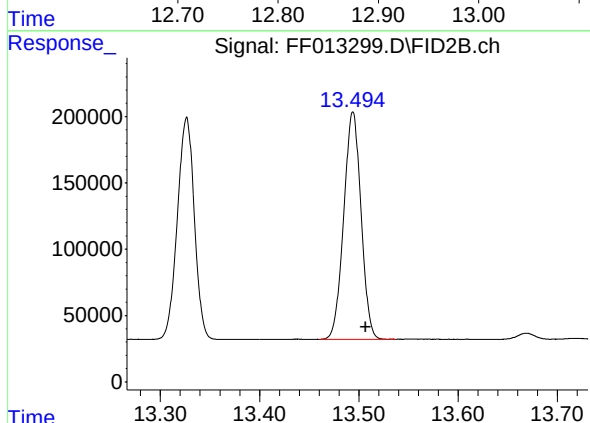
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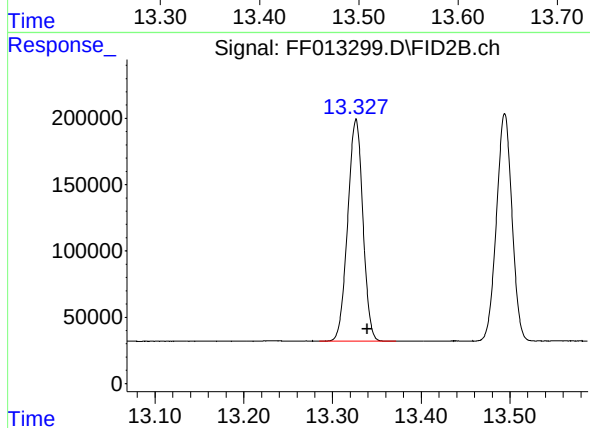
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.012 min
Response: 2095731
Conc: 19.10 ug/ml



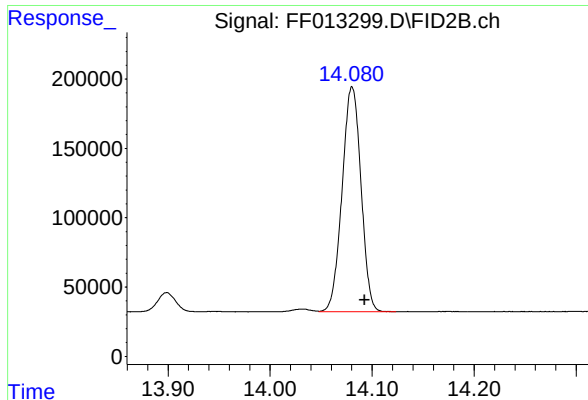
#11 n-Heneicosane (C21)

R.T.: 13.494 min
Delta R.T.: -0.013 min
Response: 2079612
Conc: 18.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.013 min
Response: 1987619
Conc: 18.97 ug/ml



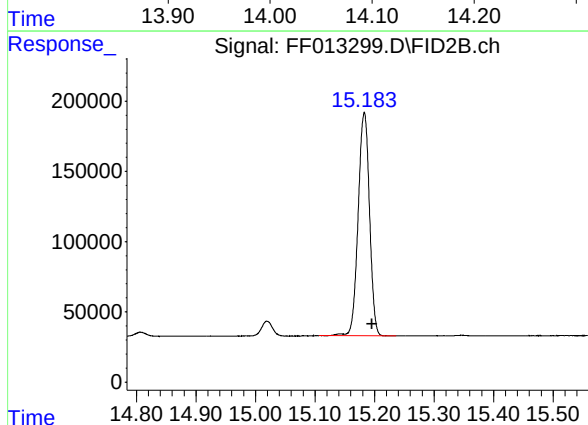
#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.012 min
Response: 2088430
Conc: 19.02 ug/ml

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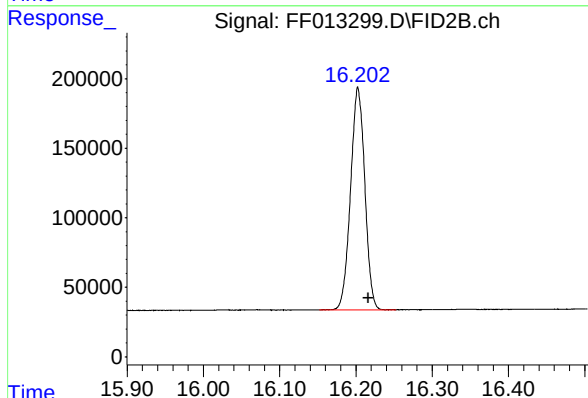
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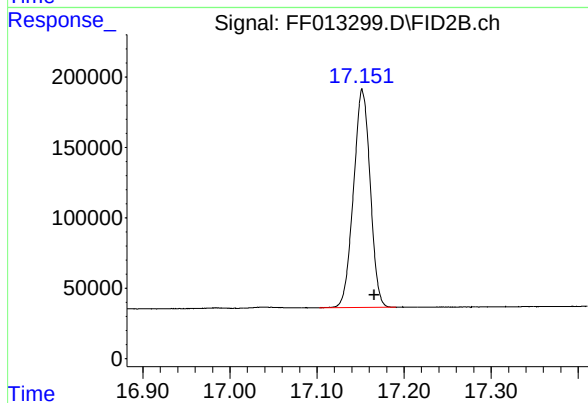
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.013 min
Response: 2107252
Conc: 19.18 ug/ml



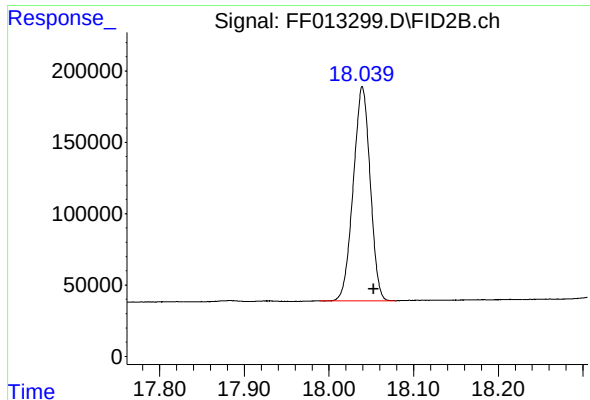
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.014 min
Response: 2076121
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.152 min
Delta R.T.: -0.014 min
Response: 2060319
Conc: 19.08 ug/ml



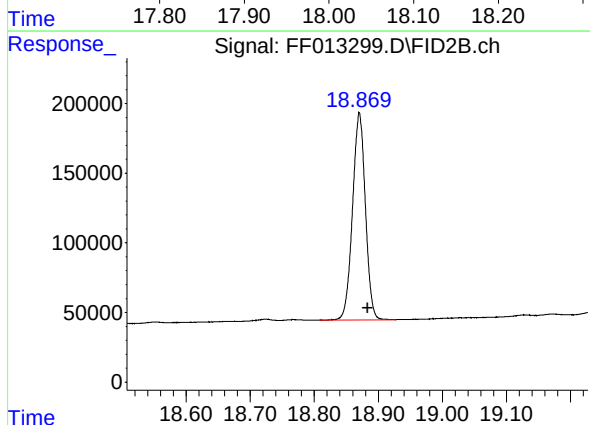
#17 n-Tricontane (C30)

R.T.: 18.039 min
Delta R.T.: -0.014 min
Response: 2083222
Conc: 19.05 ug/ml

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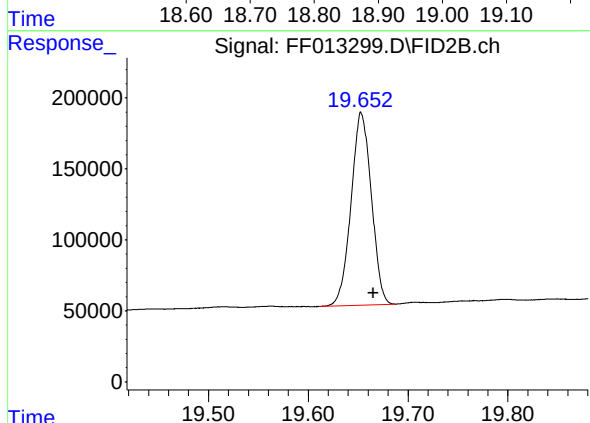
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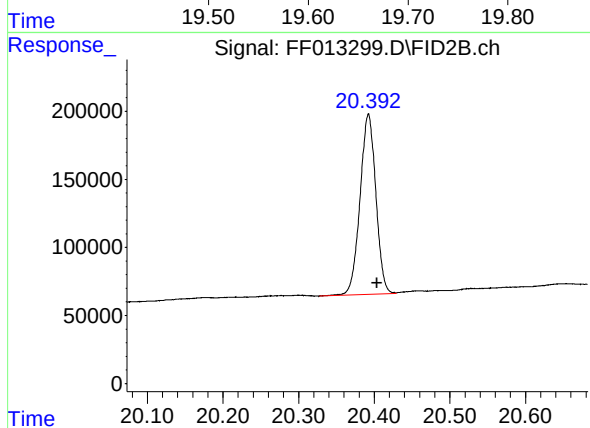
#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.013 min
Response: 2072885
Conc: 18.35 ug/ml



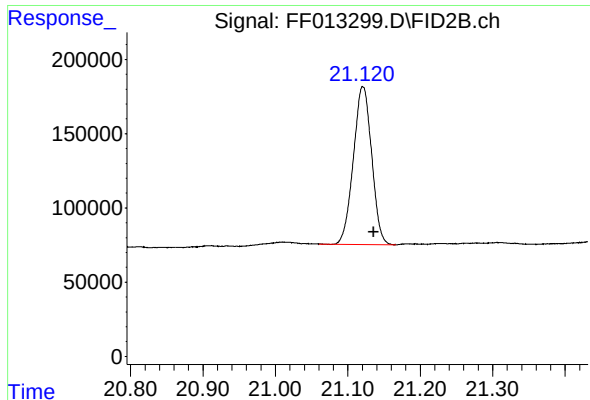
#19 n-Tetatriacontane (C34)

R.T.: 19.652 min
Delta R.T.: -0.013 min
Response: 1918732
Conc: 18.06 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 1926450
Conc: 18.28 ug/ml



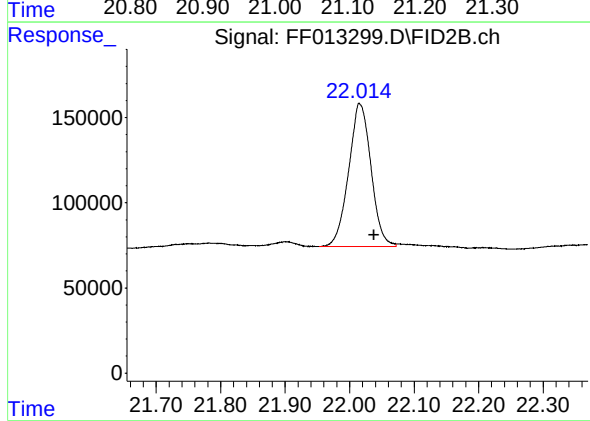
#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: -0.015 min
Response: 1861439
Conc: 18.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.014 min
Delta R.T.: -0.024 min
Response: 2025049
Conc: 20.37 ug/ml m