

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101023AL\
 Data File : FF013592.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 09:02
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 01:58:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 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)	11.873	3576014	22.166 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
12) S 1-chlorooctadecane (S...	13.313	2667256	22.256 ug/ml
Spiked Amount 50.000		Recovery =	44.51%
Target Compounds			
1) T n-Nonane (C9)	3.270	2794709	21.969 ug/ml
2) T n-Decane (C10)	4.520	2862752	22.149 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3090028	22.342 ug/ml
4) T n-Dodecane (C12)	6.683	2887801	22.242 ug/ml
5) T A~2-methylnaphthalene...	7.310	2970992	22.435 ug/ml
6) T n-Tetradecane (C14)	8.509	2824441	22.179 ug/ml
7) T n-Hexadecane (C16)	10.116	2945839	22.303 ug/ml
8) T n-Octadecane (C18)	11.559	3076481	22.479 ug/ml
10) T n-Eicosane (C20)	12.869	3073593	22.578 ug/ml
11) T n-Heneicosane (C21)	13.481	3017657	22.388 ug/ml
13) T n-Docosane (C22)	14.067	3082974	22.865 ug/ml
14) T n-Tetracosane (C24)	15.170	3231947	23.656 ug/ml
15) T n-Hexacosane (C26)	16.192	3287540	24.148 ug/ml
16) T n-Octacosane (C28)	17.141	3335154	24.942 ug/ml
17) T n-Tricontane (C30)	18.030	3422419	24.704 ug/ml
18) T n-Dotriacontane (C32)	18.862	3334588	24.273 ug/ml
19) T n-Tetratriacontane (C34)	19.644	3003078	23.188 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2705138	21.691 ug/ml
21) T n-Octatriacontane (C38)	21.111	2581422	21.969 ug/ml
22) T n-Tetracontane (C40)	22.002	2505767	21.785 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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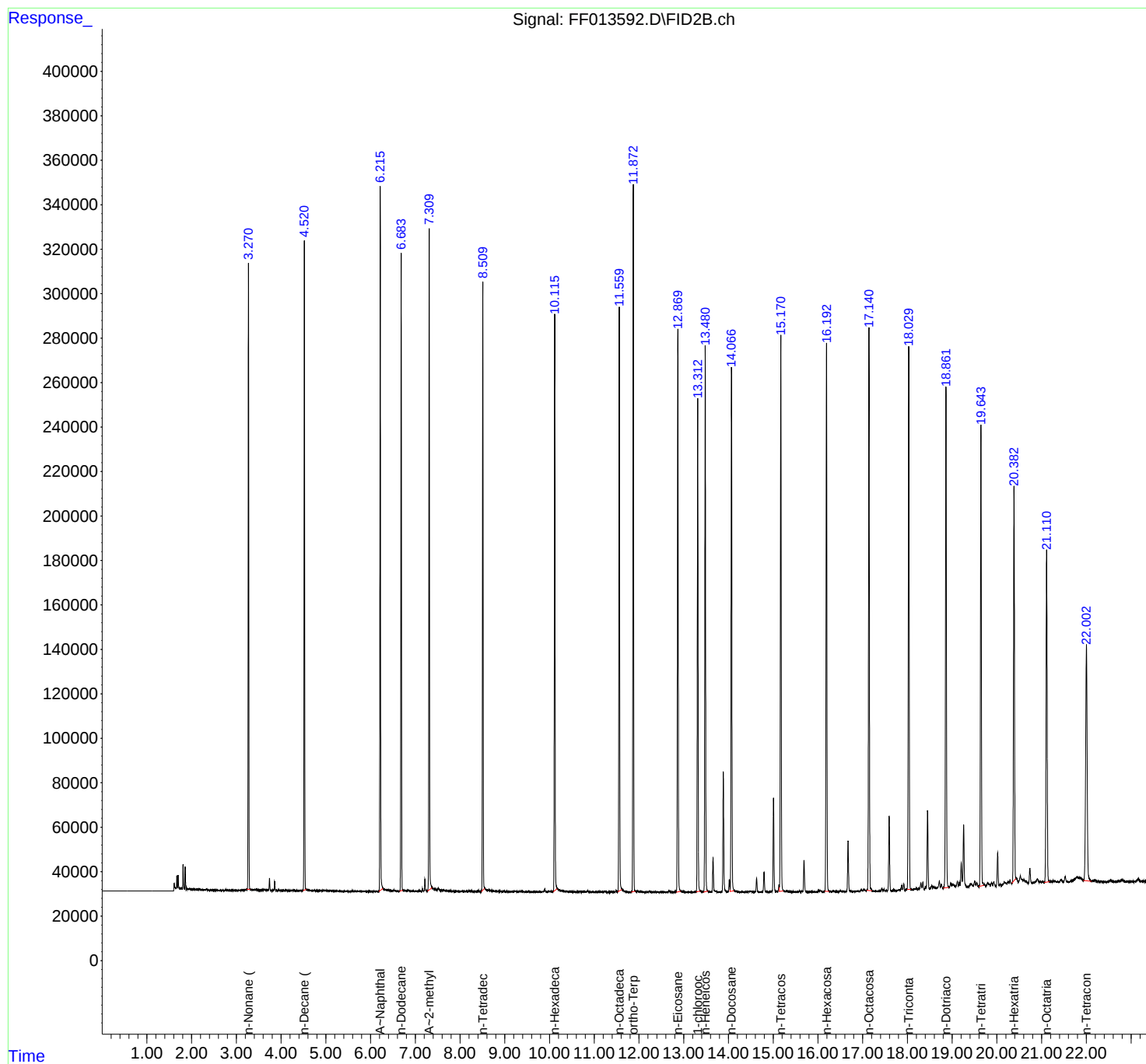
Instrument :
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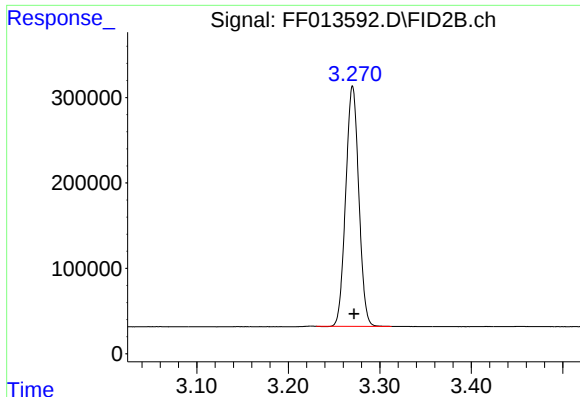
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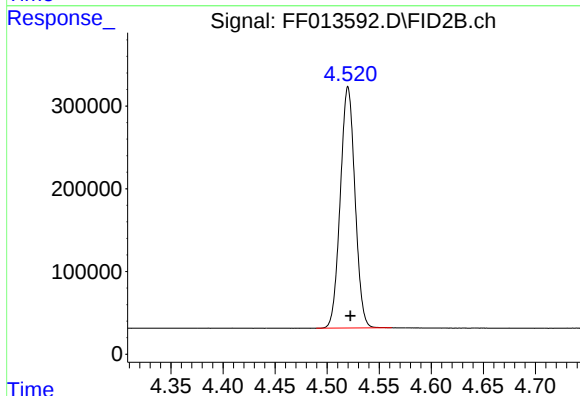
#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.002 min
Response: 2794709
Conc: 21.97 ug/ml

Instrument :
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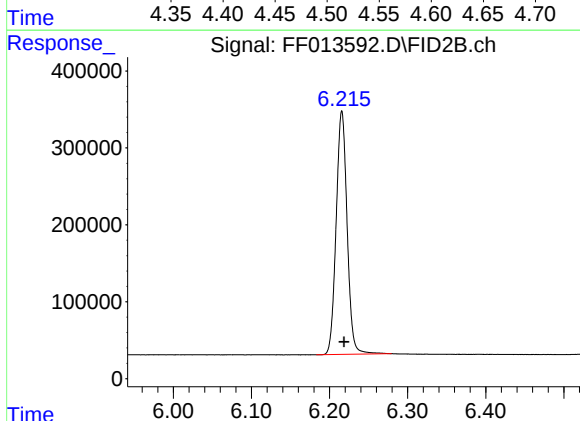
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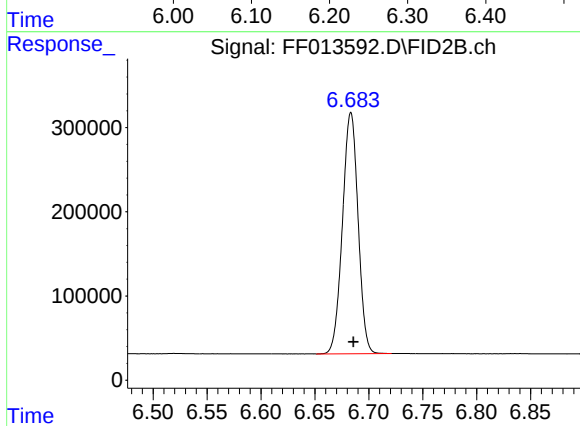
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 2862752
Conc: 22.15 ug/ml



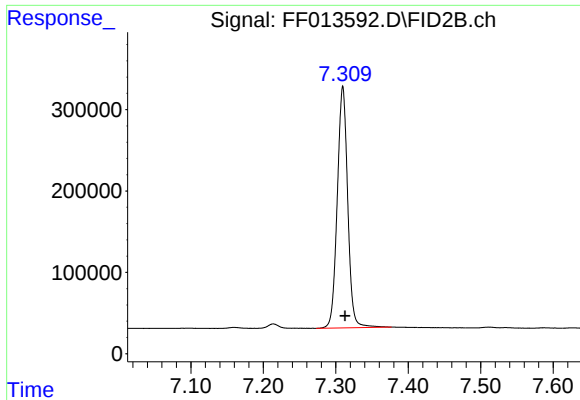
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.003 min
Response: 3090028
Conc: 22.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 2887801
Conc: 22.24 ug/ml



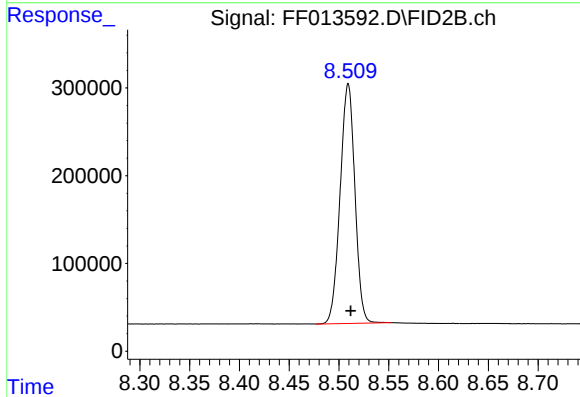
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.310 min
Delta R.T.: -0.003 min
Response: 2970992
Conc: 22.44 ug/ml

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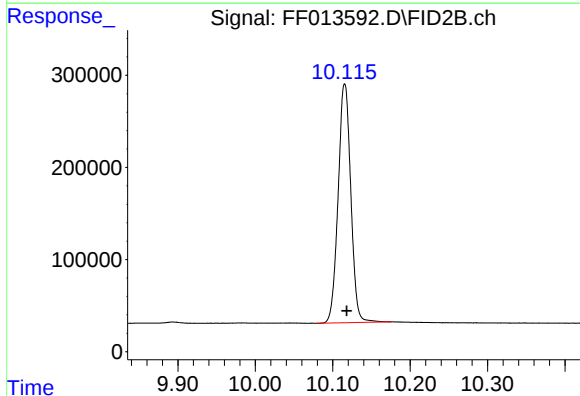
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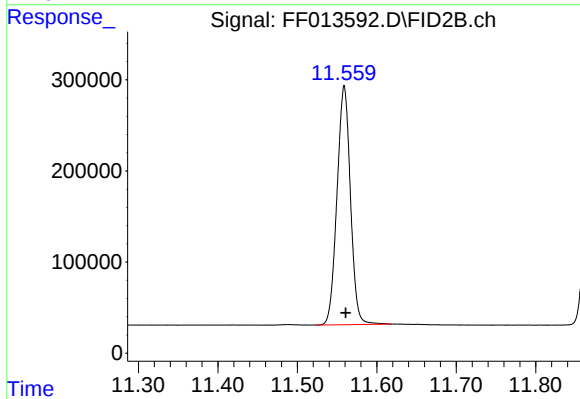
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.002 min
Response: 2824441
Conc: 22.18 ug/ml



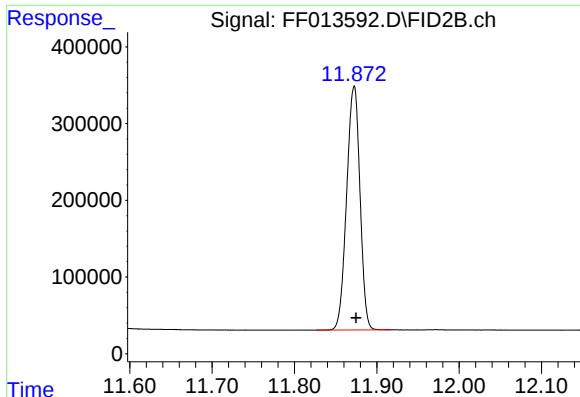
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.002 min
Response: 2945839
Conc: 22.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 3076481
Conc: 22.48 ug/ml



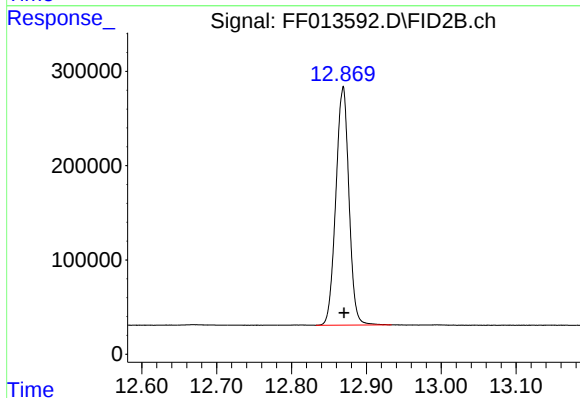
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.002 min
Response: 3576014
Conc: 22.17 ug/ml

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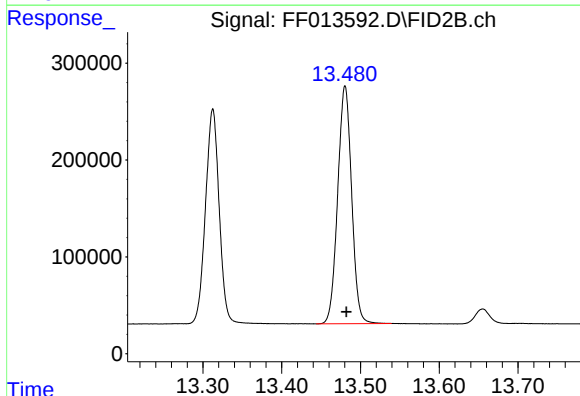
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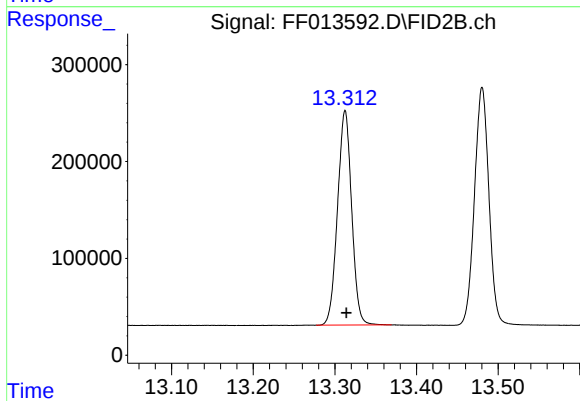
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.001 min
Response: 3073593
Conc: 22.58 ug/ml



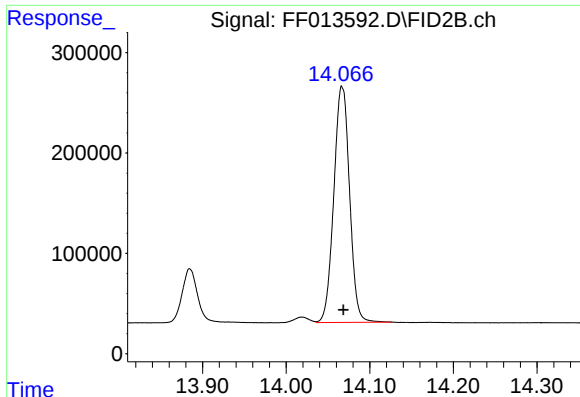
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.002 min
Response: 3017657
Conc: 22.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.001 min
Response: 2667256
Conc: 22.26 ug/ml



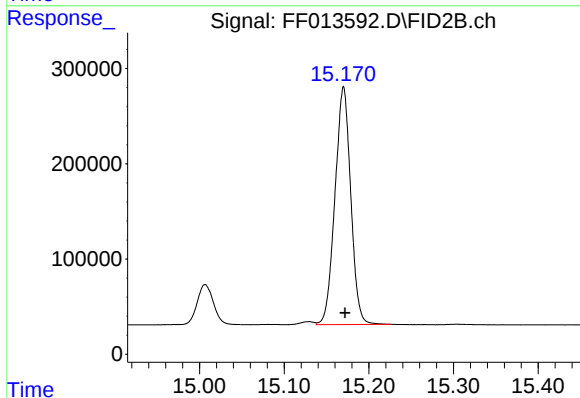
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.002 min
Response: 3082974
Conc: 22.87 ug/ml

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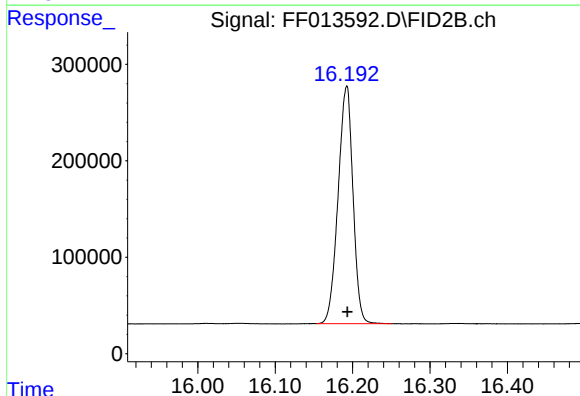
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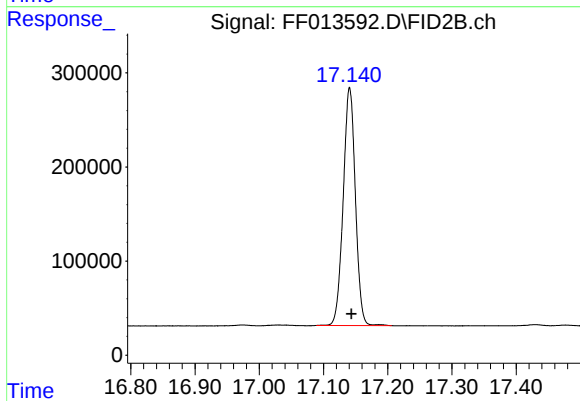
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.002 min
Response: 3231947
Conc: 23.66 ug/ml



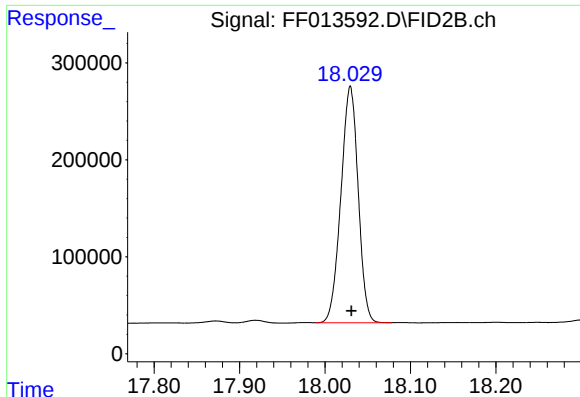
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: 0.000 min
Response: 3287540
Conc: 24.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: -0.003 min
Response: 3335154
Conc: 24.94 ug/ml



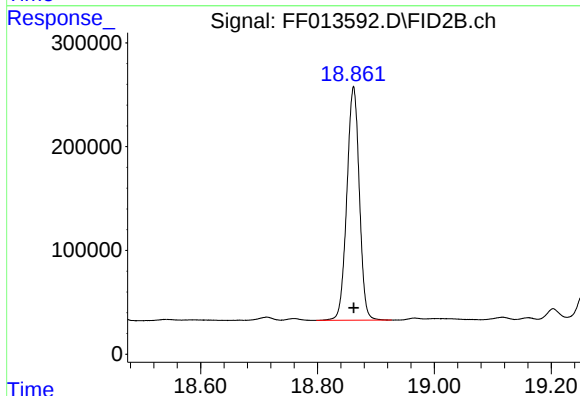
#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.001 min
Response: 3422419
Conc: 24.70 ug/ml

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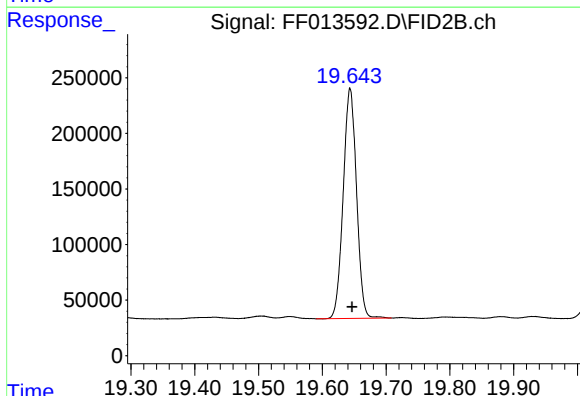
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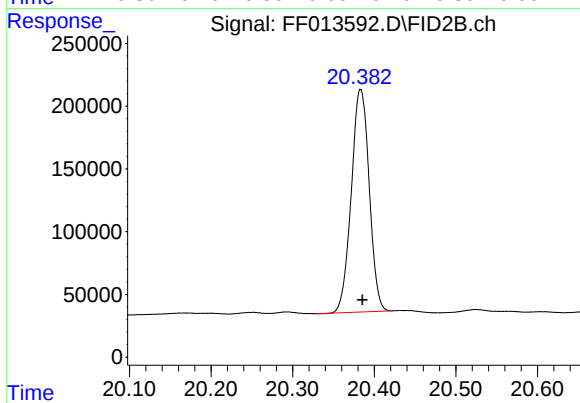
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 3334588
Conc: 24.27 ug/ml



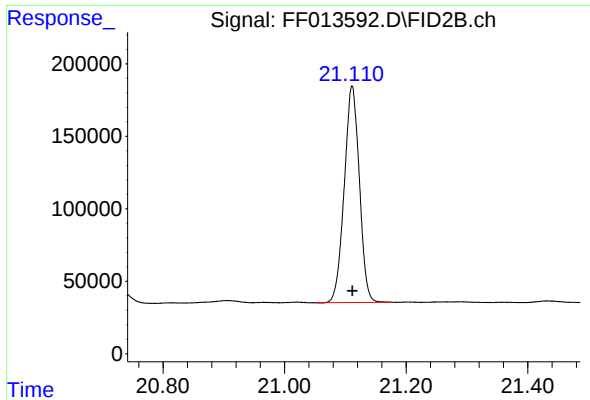
#19 n-Tetratriacontane (C34)

R.T.: 19.644 min
Delta R.T.: -0.003 min
Response: 3003078
Conc: 23.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.002 min
Response: 2705138
Conc: 21.69 ug/ml



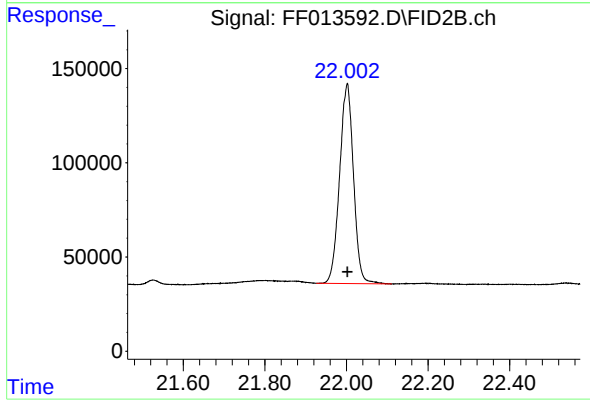
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.000 min
Response: 2581422
Conc: 21.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.000 min
Response: 2505767
Conc: 21.79 ug/ml