

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082422AL\
 Data File : FC061266.D
 Signal(s) : FID1A.ch
 Acq On : 24 Aug 2022 10:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 24 13:00:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:32:18 2022
 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)	11.631	3300966	18.647 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.063	2615685	18.677 ug/ml
Spiked Amount 50.000		Recovery =	37.35%
Target Compounds			
1) T n-Nonane (C9)	3.397	2922278	19.329 ug/ml
2) T n-Decane (C10)	4.465	2934946	19.342 ug/ml
3) T A~Naphthalene (C11.7)	6.050	3337821	19.282 ug/ml
4) T n-Dodecane (C12)	6.479	2986749	19.285 ug/ml
5) T A~2-methylnaphthalene...	7.104	3374789	19.166 ug/ml
6) T n-Tetradecane (C14)	8.272	2989987	19.116 ug/ml
7) T n-Hexadecane (C16)	9.871	2976827	19.005 ug/ml
8) T n-Octadecane (C18)	11.311	2974374	18.853 ug/ml
10) T n-Eicosane (C20)	12.618	2923232	18.804 ug/ml
11) T n-Heneicosane (C21)	13.230	2924711	18.698 ug/ml
13) T n-Docosane (C22)	13.814	2932001	18.894 ug/ml
14) T n-Tetracosane (C24)	14.915	2930378	18.942 ug/ml
15) T n-Hexacosane (C26)	15.934	2852750	18.955 ug/ml
16) T n-Octacosane (C28)	16.882	2781252	18.830 ug/ml
17) T n-Tricontane (C30)	17.768	2712612	19.640 ug/ml
18) T n-Dotriacontane (C32)	18.599	2089889	19.040 ug/mlm
19) T n-Tetratriacontane (C34)	19.380	1491304	19.321 ug/mlm
20) T n-Hexatriacontane (C36)	20.117	1121818	19.870 ug/mlm
21) T n-Octatriacontane (C38)	20.860	928140	20.007 ug/mlm
22) T n-Tetracontane (C40)	21.790	890110	21.222 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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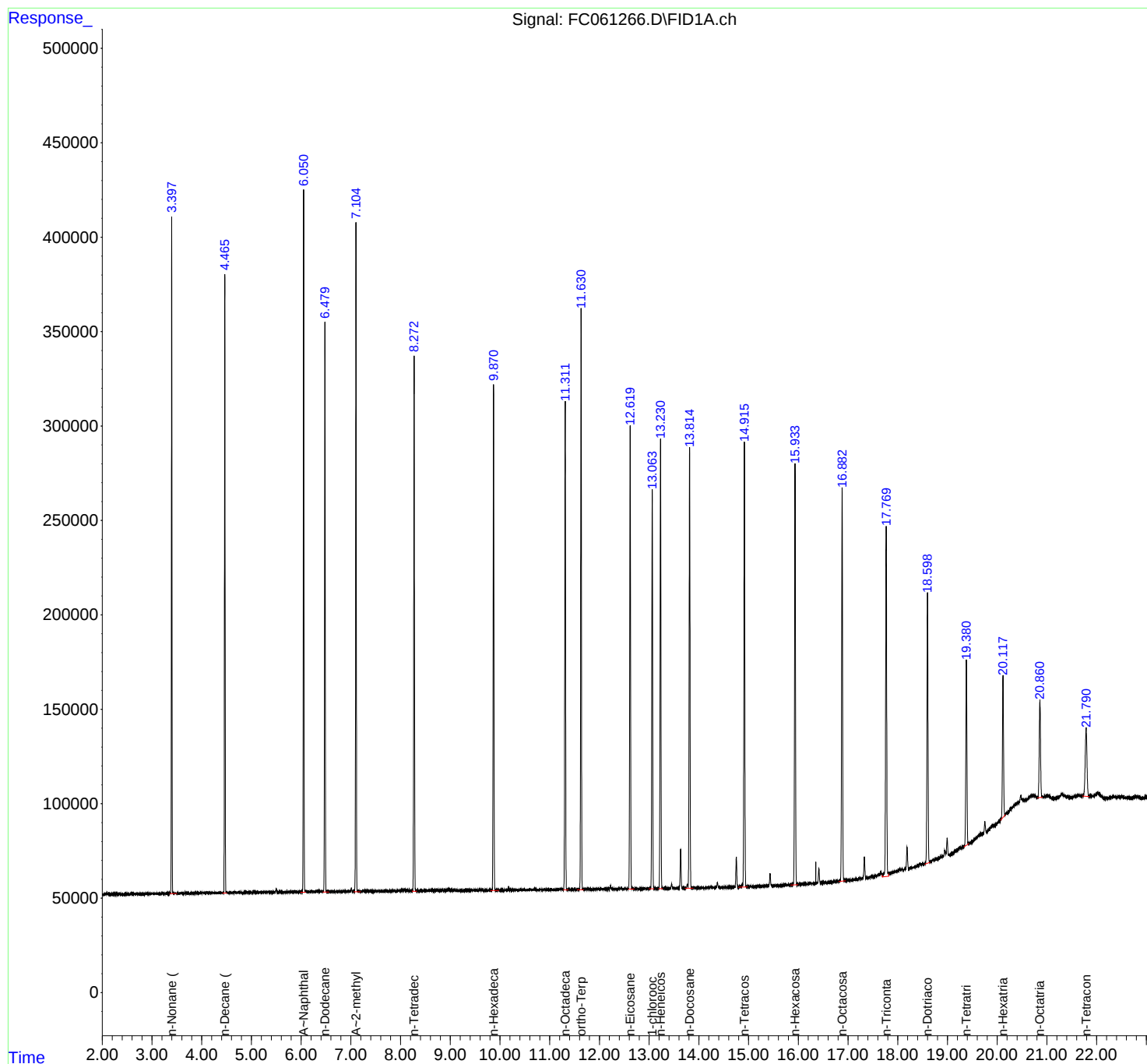
Instrument :
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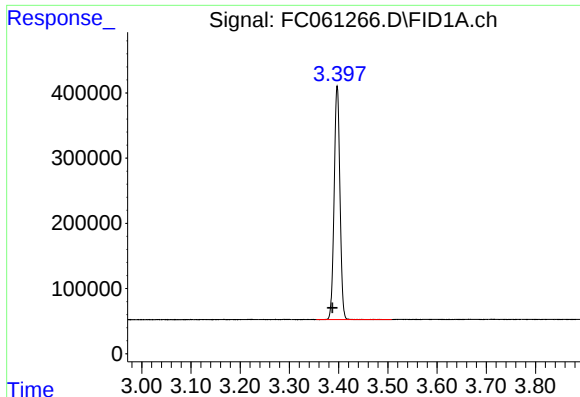
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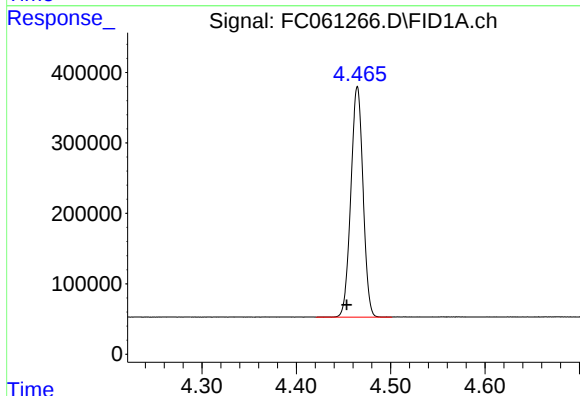
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: 0.010 min
Response: 2922278
Conc: 19.33 ug/ml

Instrument :
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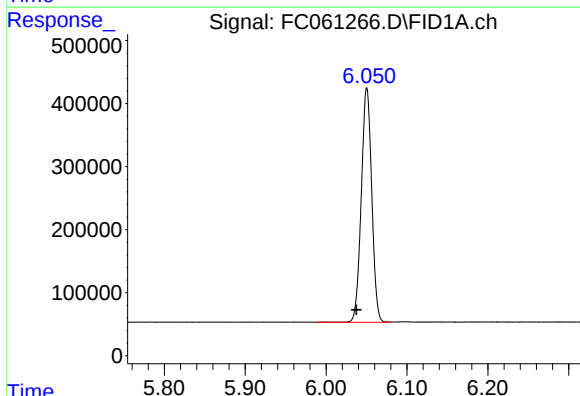
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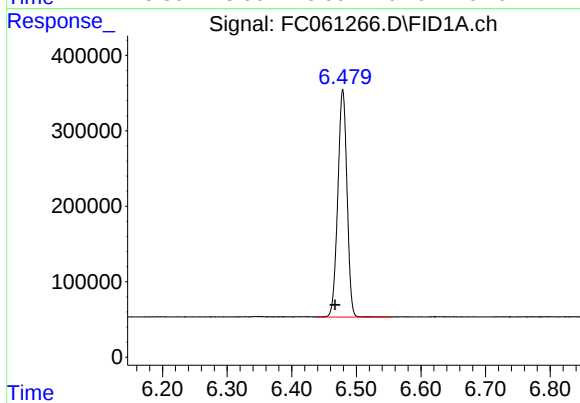
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: 0.011 min
Response: 2934946
Conc: 19.34 ug/ml



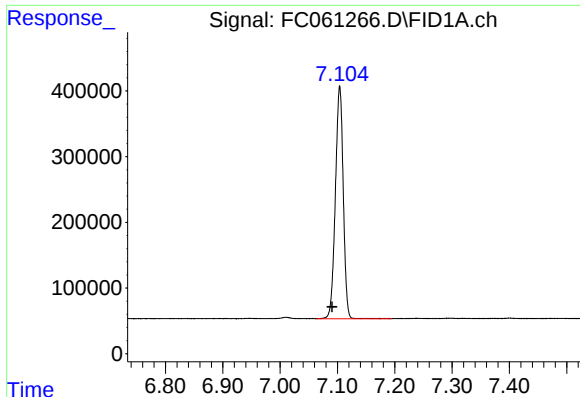
#3 A~Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: 0.013 min
Response: 3337821
Conc: 19.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: 0.012 min
Response: 2986749
Conc: 19.29 ug/ml



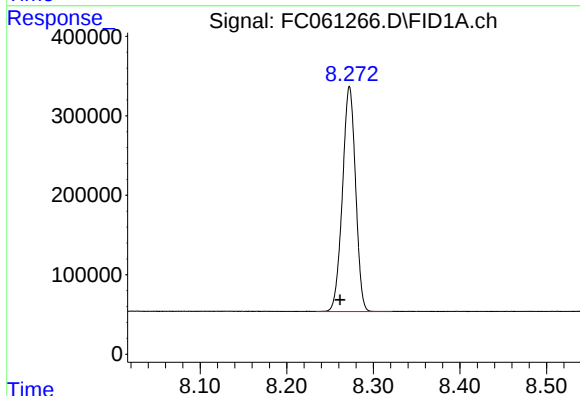
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.013 min
Response: 3374789
Conc: 19.17 ug/ml

Instrument :
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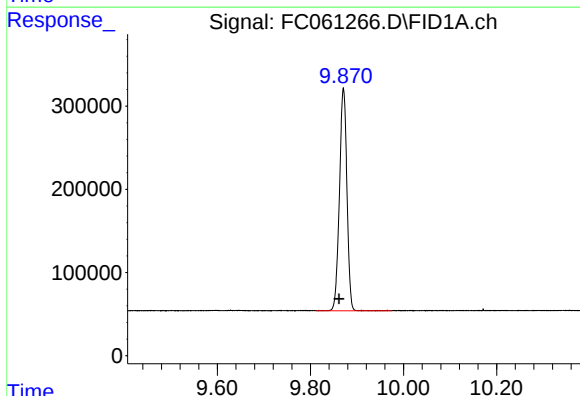
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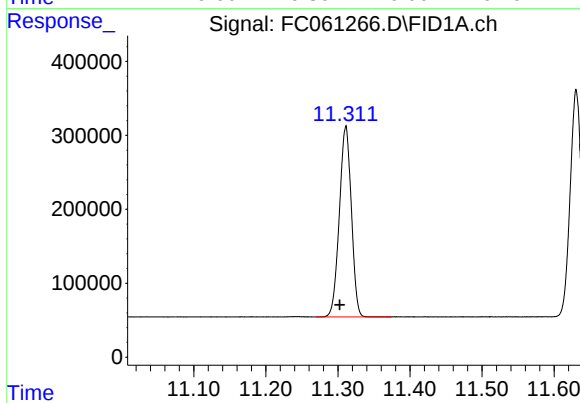
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: 0.011 min
Response: 2989987
Conc: 19.12 ug/ml



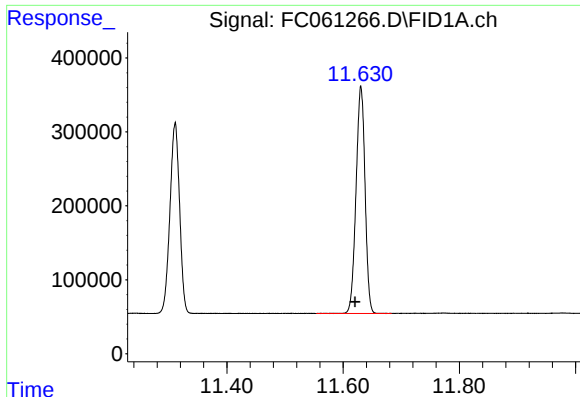
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: 0.010 min
Response: 2976827
Conc: 19.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.311 min
Delta R.T.: 0.009 min
Response: 2974374
Conc: 18.85 ug/ml



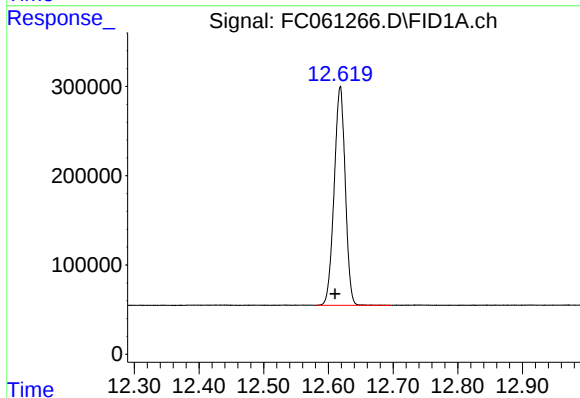
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: 0.010 min
Response: 3300966
Conc: 18.65 ug/ml

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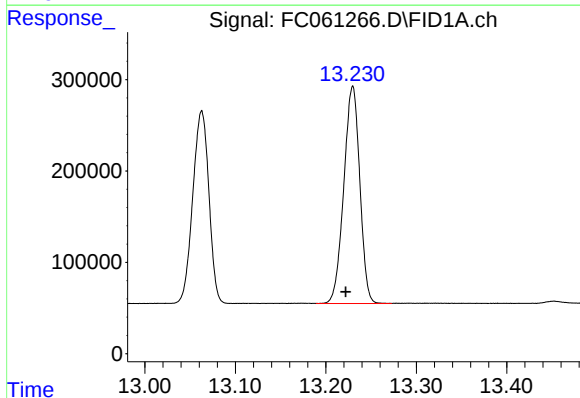
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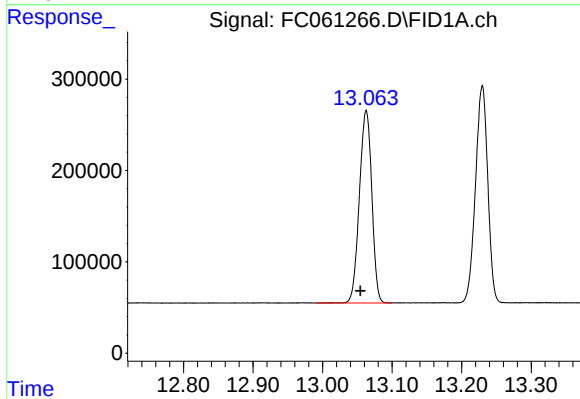
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: 0.008 min
Response: 2923232
Conc: 18.80 ug/ml



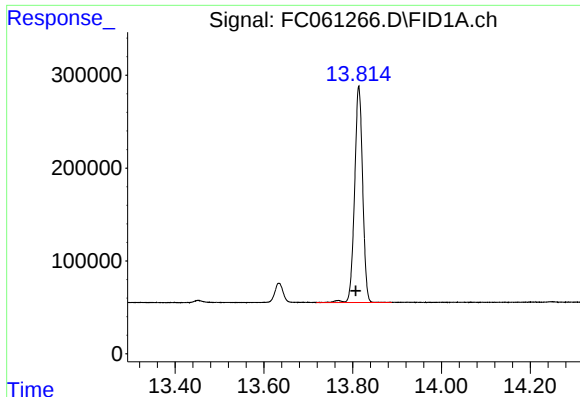
#11 n-Heneicosane (C21)

R.T.: 13.230 min
Delta R.T.: 0.008 min
Response: 2924711
Conc: 18.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.063 min
Delta R.T.: 0.009 min
Response: 2615685
Conc: 18.68 ug/ml



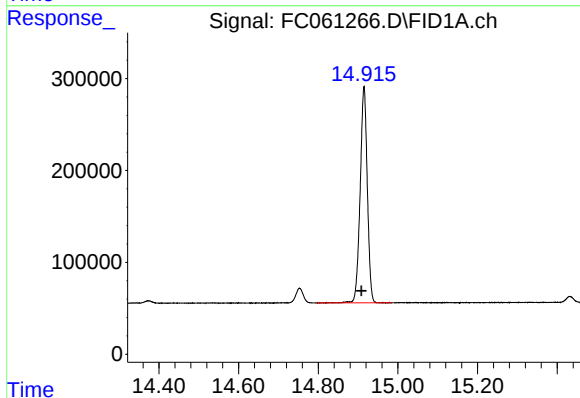
#13 n-Docosane (C22)

R.T.: 13.814 min
Delta R.T.: 0.007 min
Response: 2932001
Conc: 18.89 ug/ml

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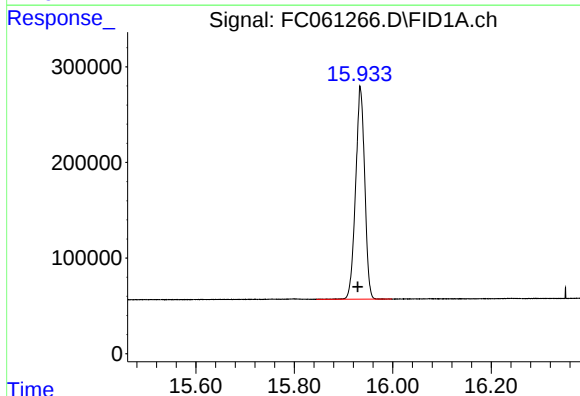
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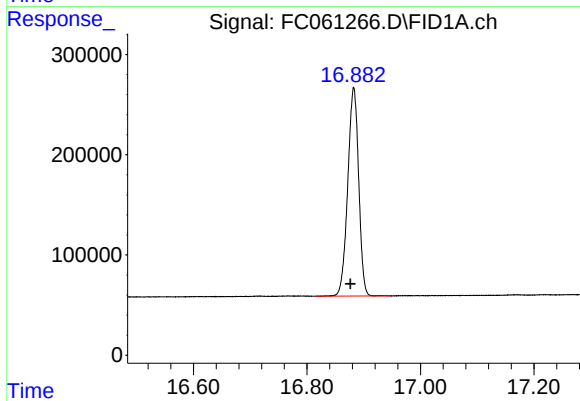
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: 0.006 min
Response: 2930378
Conc: 18.94 ug/ml



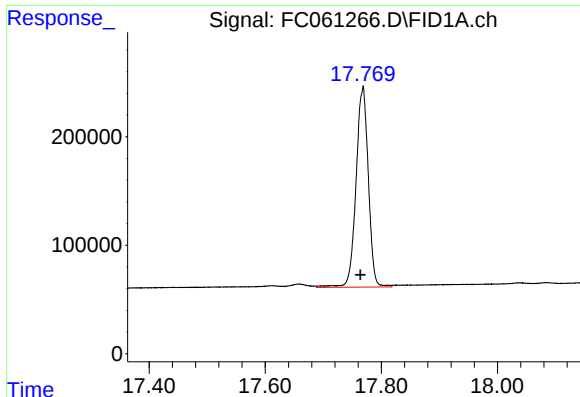
#15 n-Hexacosane (C26)

R.T.: 15.934 min
Delta R.T.: 0.005 min
Response: 2852750
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: 0.006 min
Response: 2781252
Conc: 18.83 ug/ml



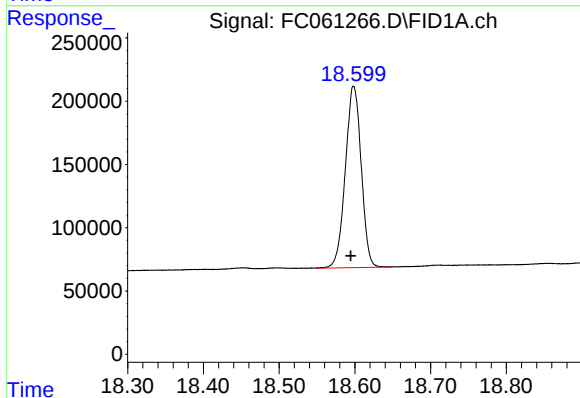
#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: 0.004 min
Response: 2712612
Conc: 19.64 ug/ml

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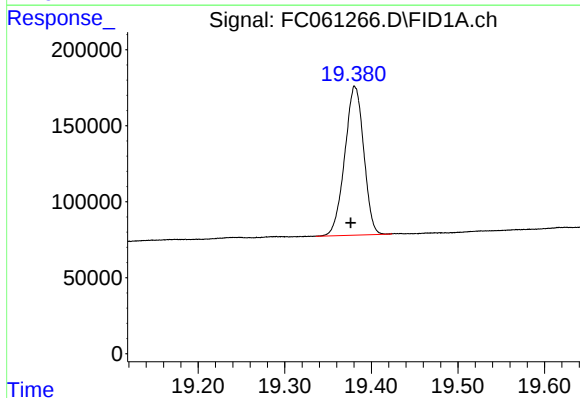
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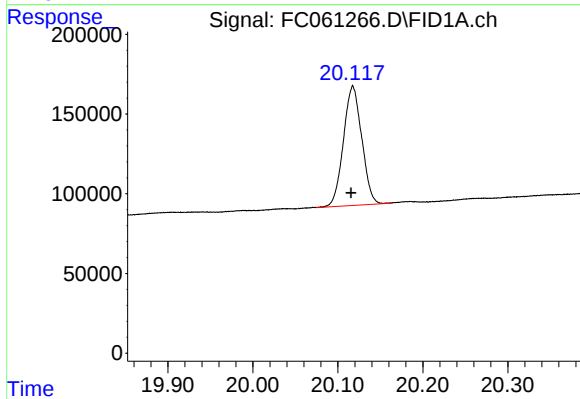
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: 0.004 min
Response: 2089889
Conc: 19.04 ug/ml m



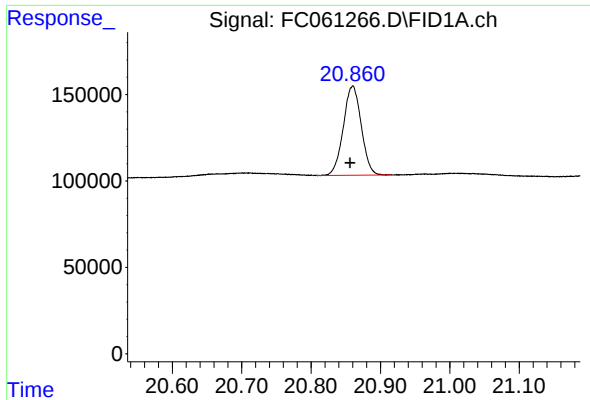
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: 0.004 min
Response: 1491304
Conc: 19.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.117 min
Delta R.T.: 0.002 min
Response: 1121818
Conc: 19.87 ug/ml m



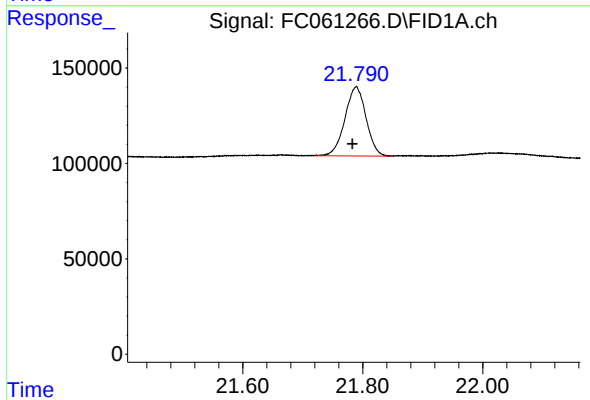
#21 n-Octatriacontane (C38)

R.T.: 20.860 min
Delta R.T.: 0.004 min
Response: 928140
Conc: 20.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: 0.007 min
Response: 890110
Conc: 21.22 ug/ml m