

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080122AL\
 Data File : FC060917.D
 Signal(s) : FID1A.ch
 Acq On : 01 Aug 2022 10:23
 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 08/02/2022
 Supervised By :Ankita Jodhani 08/02/2022

Integration File: autoint1.e
 Quant Time: Aug 02 02:50:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 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)	10.630	3564233	21.719 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	11.995	2854073	21.499 ug/ml
Spiked Amount 50.000		Recovery =	43.00%
Target Compounds			
1) T n-Nonane (C9)	2.627	3205333	22.759 ug/ml
2) T n-Decane (C10)	3.620	3312951	23.485 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3419353	24.055 ug/ml
4) T n-Dodecane (C12)	5.565	3412865	23.026 ug/ml
5) T A~2-methylnaphthalene...	6.180	3366526	24.546 ug/ml
6) T n-Tetradecane (C14)	7.314	3449596	22.977 ug/ml
7) T n-Hexadecane (C16)	8.875	3478342	22.729 ug/ml
8) T n-Octadecane (C18)	10.282	3486320	22.326 ug/ml
10) T n-Eicosane (C20)	11.559	3421851	21.805 ug/ml
11) T n-Heneicosane (C21)	12.157	3375391	21.572 ug/ml
13) T n-Docosane (C22)	12.729	3335557	21.393 ug/ml
14) T n-Tetracosane (C24)	13.806	3181682	20.840 ug/ml
15) T n-Hexacosane (C26)	14.803	3037613	20.350 ug/ml
16) T n-Octacosane (C28)	15.729	2928285	20.436 ug/ml
17) T n-Tricontane (C30)	16.595	2982375	21.302 ug/ml
18) T n-Dotriacontane (C32)	17.407	3014596	22.337 ug/ml
19) T n-Tetratriacontane (C34)	18.172	2847798	22.706 ug/ml
20) T n-Hexatriacontane (C36)	18.892	2884373	23.597 ug/mlm
21) T n-Octatriacontane (C38)	19.575	2742681	23.238 ug/mlm
22) T n-Tetracontane (C40)	20.221	2843446	24.705 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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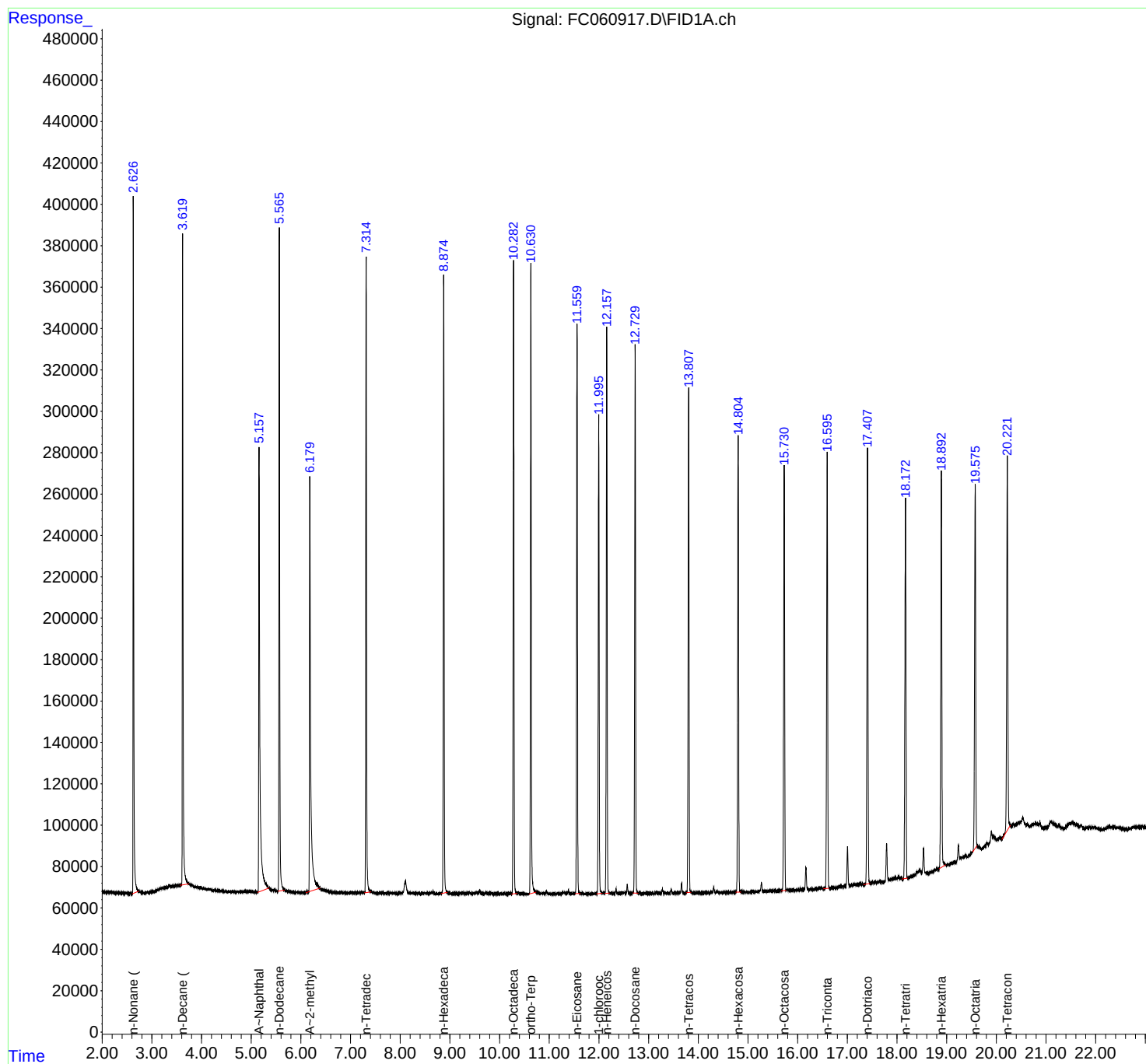
Instrument :
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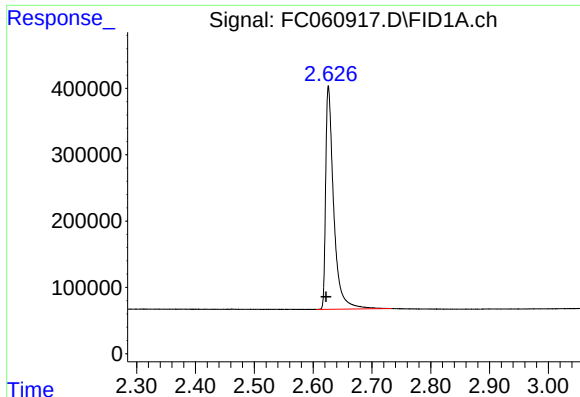
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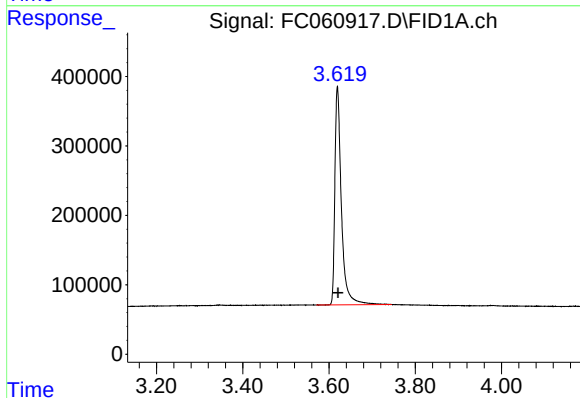
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: 0.005 min
Response: 3205333
Conc: 22.76 ug/ml

Instrument : FID_C
ClientSampleId : 20 PPM ALIPHATIC HC STD

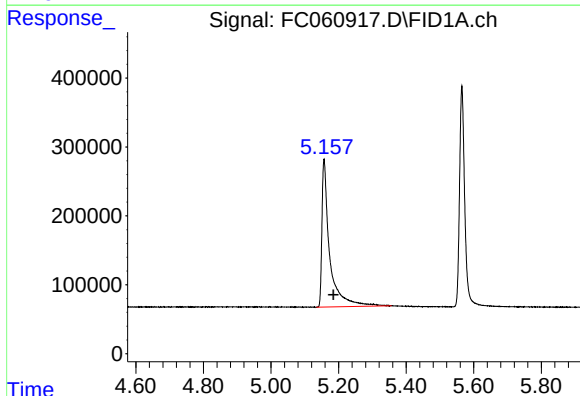
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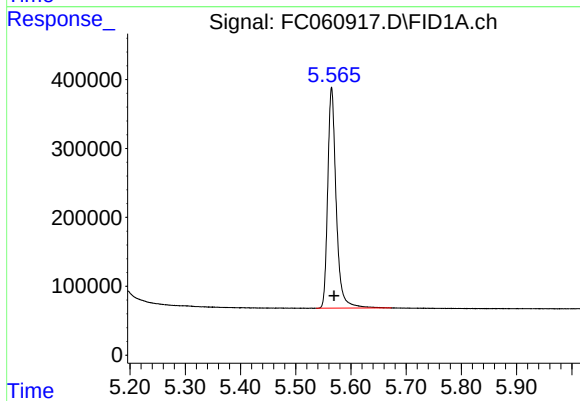
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 3312951
Conc: 23.49 ug/ml



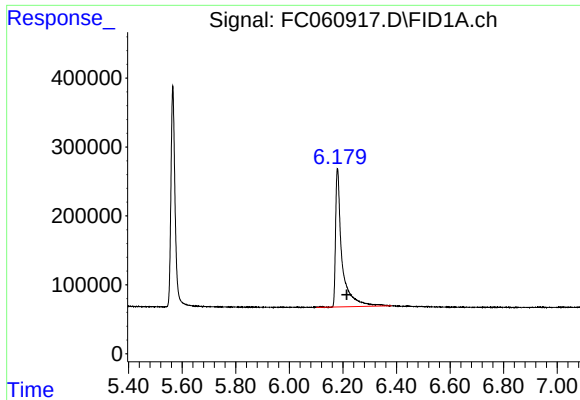
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.027 min
Response: 3419353
Conc: 24.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.565 min
Delta R.T.: -0.004 min
Response: 3412865
Conc: 23.03 ug/ml



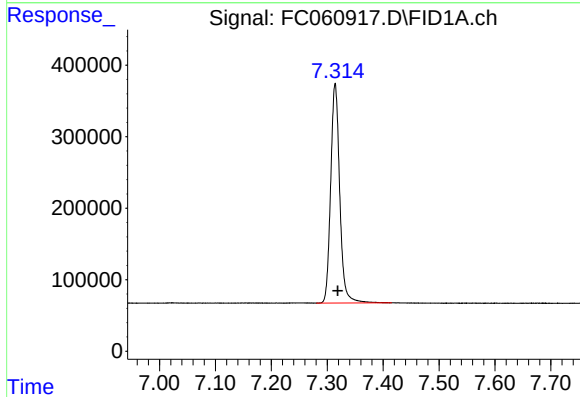
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.180 min
Delta R.T.: -0.035 min
Response: 3366526
Conc: 24.55 ug/ml

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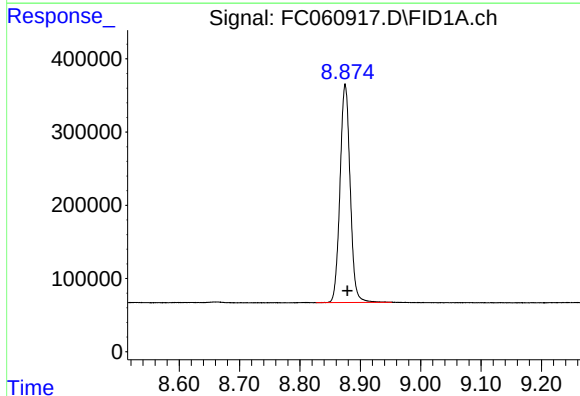
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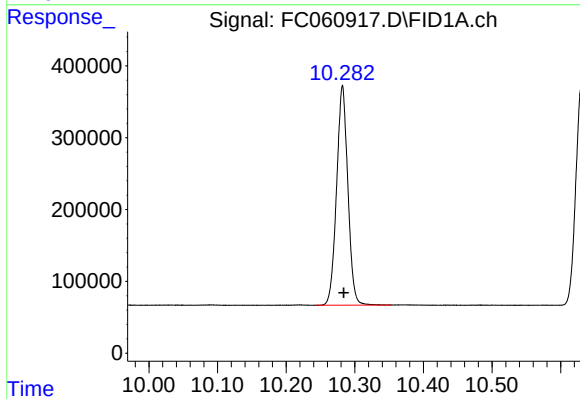
#6 n-Tetradecane (C14)

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 3449596
Conc: 22.98 ug/ml



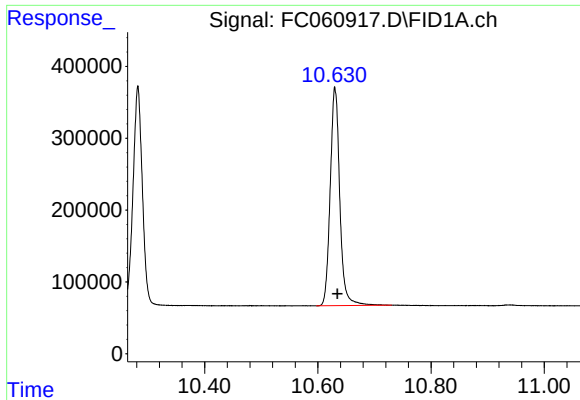
#7 n-Hexadecane (C16)

R.T.: 8.875 min
Delta R.T.: -0.003 min
Response: 3478342
Conc: 22.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 3486320
Conc: 22.33 ug/ml



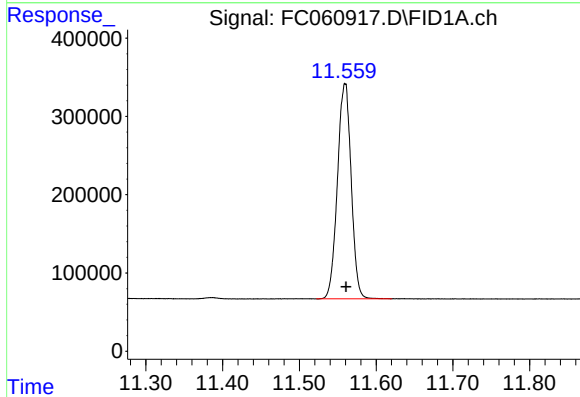
#9 ortho-Terphenyl (SURR)

R.T.: 10.630 min
Delta R.T.: -0.004 min
Response: 3564233
Conc: 21.72 ug/ml

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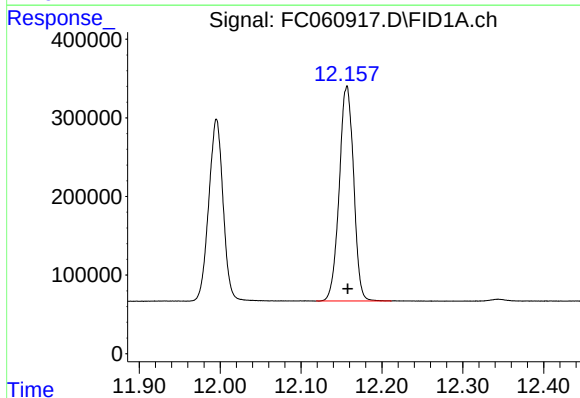
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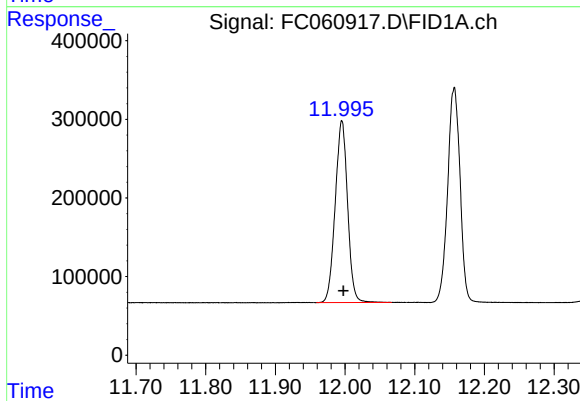
#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 3421851
Conc: 21.80 ug/ml



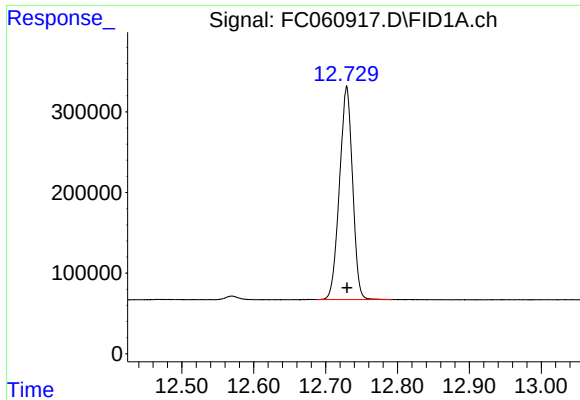
#11 n-Heneicosane (C21)

R.T.: 12.157 min
Delta R.T.: -0.001 min
Response: 3375391
Conc: 21.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.002 min
Response: 2854073
Conc: 21.50 ug/ml



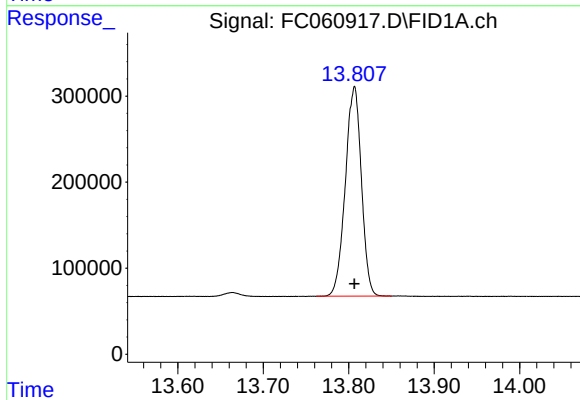
#13 n-Docosane (C22)

R.T.: 12.729 min
Delta R.T.: 0.000 min
Response: 3335557
Conc: 21.39 ug/ml

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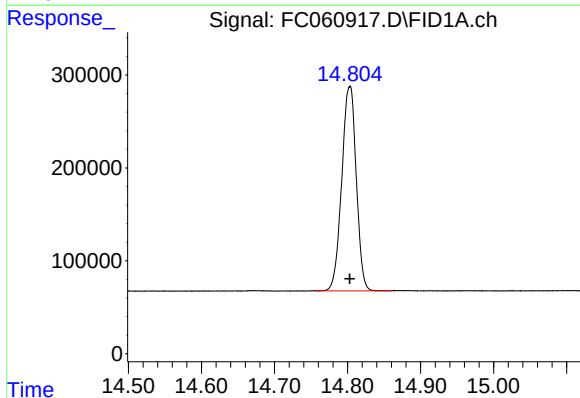
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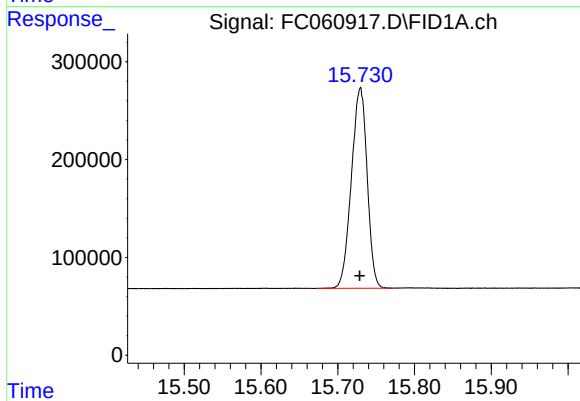
#14 n-Tetracosane (C24)

R.T.: 13.806 min
Delta R.T.: 0.000 min
Response: 3181682
Conc: 20.84 ug/ml



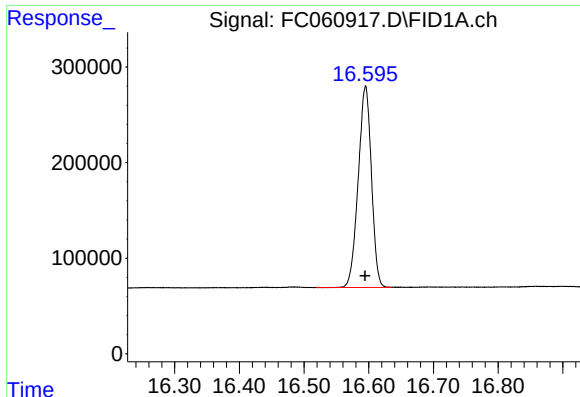
#15 n-Hexacosane (C26)

R.T.: 14.803 min
Delta R.T.: 0.000 min
Response: 3037613
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: 0.000 min
Response: 2928285
Conc: 20.44 ug/ml



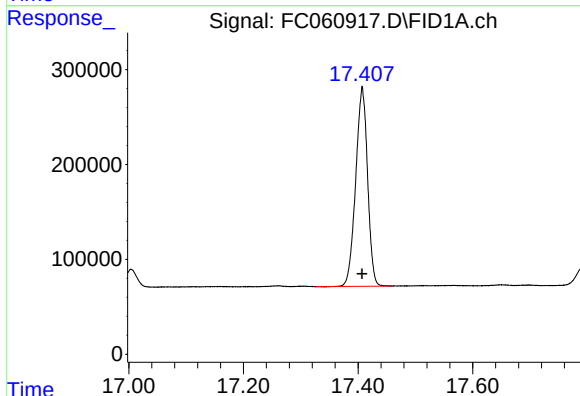
#17 n-Tricontane (C30)

R.T.: 16.595 min
Delta R.T.: 0.000 min
Response: 2982375
Conc: 21.30 ug/ml

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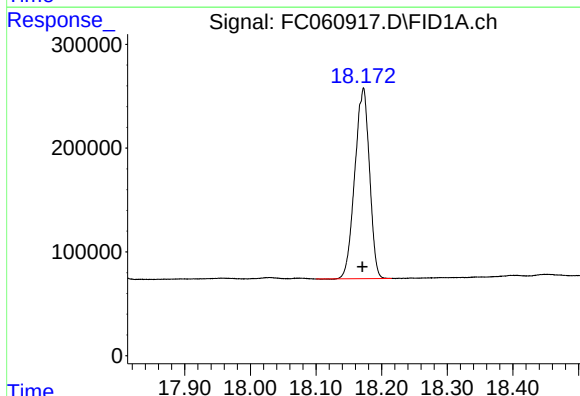
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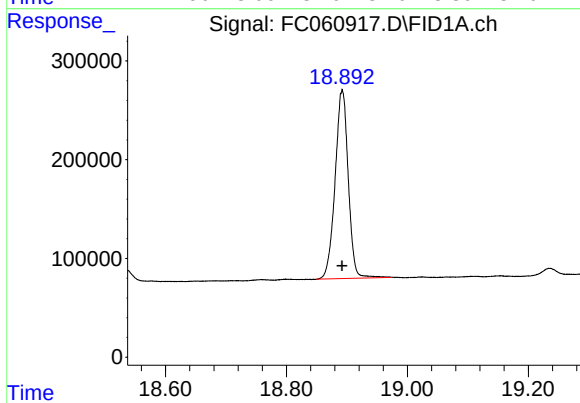
#18 n-Dotriacontane (C32)

R.T.: 17.407 min
Delta R.T.: 0.000 min
Response: 3014596
Conc: 22.34 ug/ml



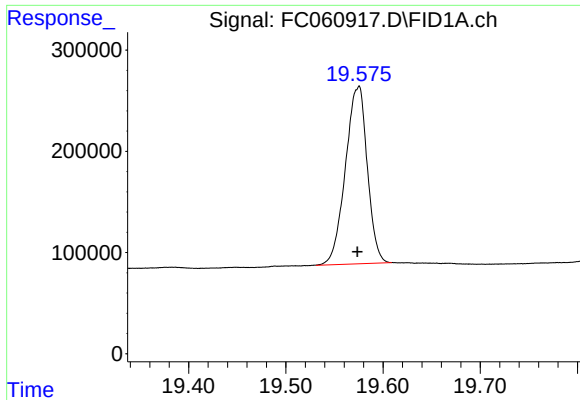
#19 n-Tetratriacontane (C34)

R.T.: 18.172 min
Delta R.T.: 0.000 min
Response: 2847798
Conc: 22.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.892 min
Delta R.T.: 0.000 min
Response: 2884373
Conc: 23.60 ug/ml m



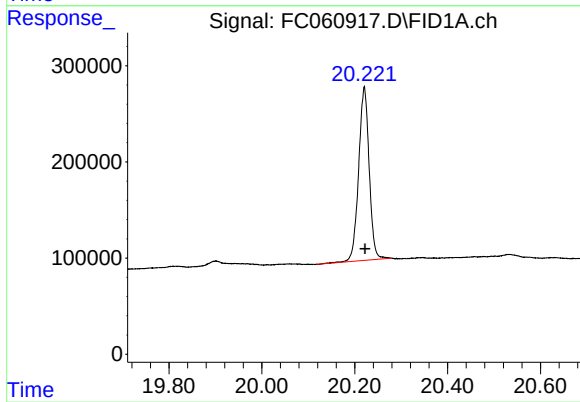
#21 n-Octatriacontane (C38)

R.T.: 19.575 min
Delta R.T.: 0.002 min
Response: 2742681
Conc: 23.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.221 min
Delta R.T.: -0.001 min
Response: 2843446
Conc: 24.70 ug/ml