

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080222AL\
 Data File : FC060964.D
 Signal(s) : FID1A.ch
 Acq On : 03 Aug 2022 01:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/03/2022
 Supervised By :Ankita Jodhani 08/03/2022

Integration File: autoint1.e
 Quant Time: Aug 03 06:19:40 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)	10.637	3364687	20.503 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
12) S 1-chlorooctadecane (S...	12.002	2677422	20.168 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T n-Nonane (C9)	2.627	3256648	23.123 ug/ml
2) T n-Decane (C10)	3.621	3295062	23.358 ug/ml
3) T A~Naphthalene (C11.7)	5.162	3394478	23.880 ug/ml
4) T n-Dodecane (C12)	5.568	3390860	22.878 ug/ml
5) T A~2-methylnaphthalene...	6.186	3271239	23.851 ug/ml
6) T n-Tetradecane (C14)	7.319	3370503	22.450 ug/ml
7) T n-Hexadecane (C16)	8.880	3361683	21.967 ug/ml
8) T n-Octadecane (C18)	10.288	3324318	21.289 ug/ml
10) T n-Eicosane (C20)	11.565	3241916	20.658 ug/ml
11) T n-Heneicosane (C21)	12.164	3175960	20.298 ug/ml
13) T n-Docosane (C22)	12.736	3134420	20.103 ug/ml
14) T n-Tetracosane (C24)	13.812	2995433	19.620 ug/ml
15) T n-Hexacosane (C26)	14.809	2875518	19.264 ug/ml
16) T n-Octacosane (C28)	15.737	2770570	19.335 ug/ml
17) T n-Tricontane (C30)	16.603	2798574	19.990 ug/ml
18) T n-Dotriacontane (C32)	17.416	2811491	20.832 ug/ml
19) T n-Tetratriacontane (C34)	18.178	2693214	21.474 ug/ml
20) T n-Hexatriacontane (C36)	18.899	2745110	22.458 ug/mlm
21) T n-Octatriacontane (C38)	19.582	2716210	23.014 ug/mlm
22) T n-Tetracontane (C40)	20.229	2738528	23.793 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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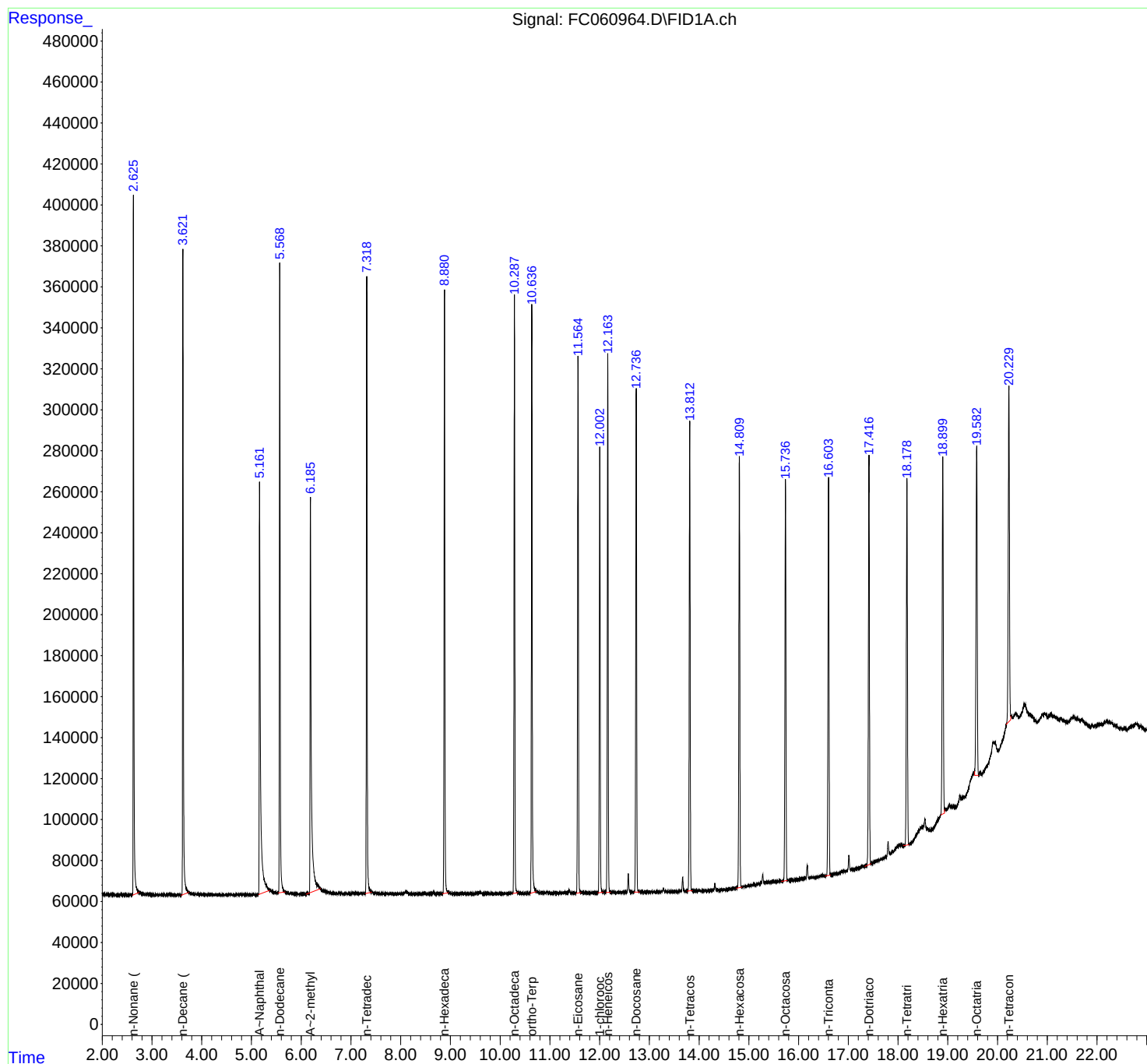
Instrument :
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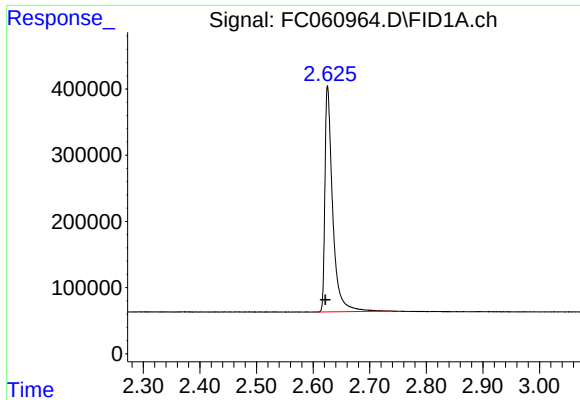
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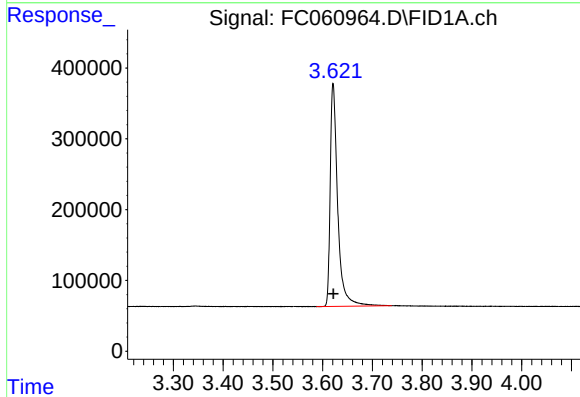
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: 0.005 min
Response: 3256648
Conc: 23.12 ug/ml

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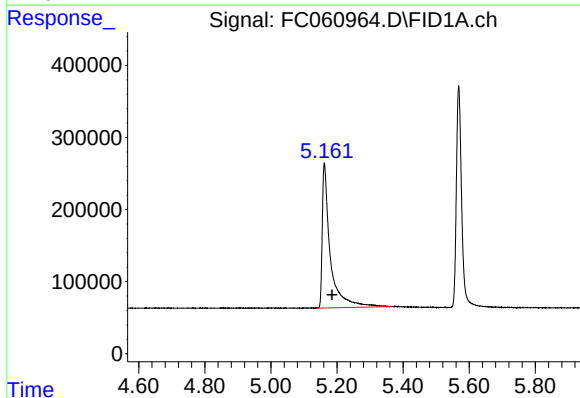
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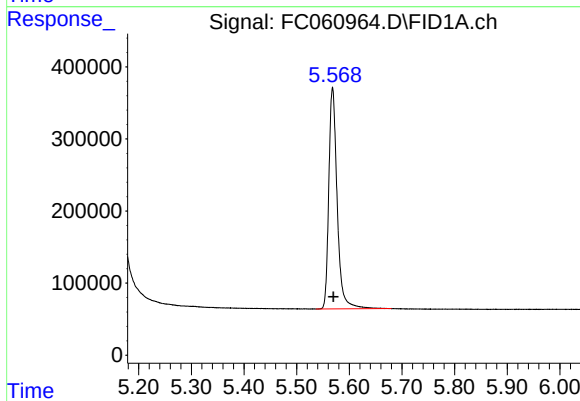
#2 n-Decane (C10)

R.T.: 3.621 min
Delta R.T.: 0.000 min
Response: 3295062
Conc: 23.36 ug/ml



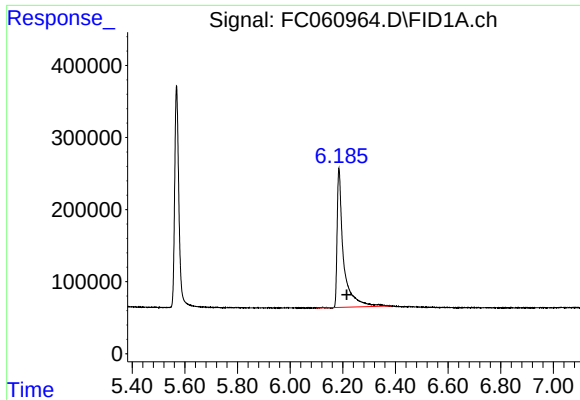
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.022 min
Response: 3394478
Conc: 23.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.568 min
Delta R.T.: -0.001 min
Response: 3390860
Conc: 22.88 ug/ml



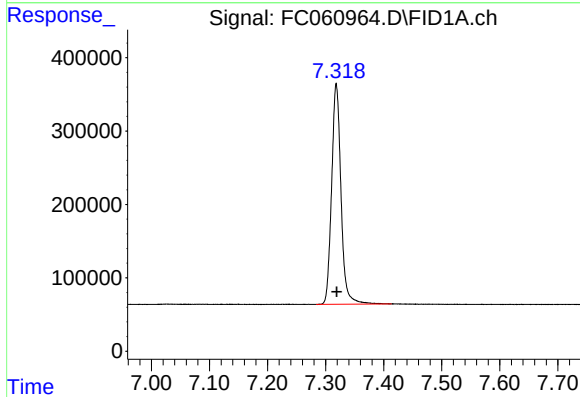
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.186 min
Delta R.T.: -0.029 min
Response: 3271239
Conc: 23.85 ug/ml

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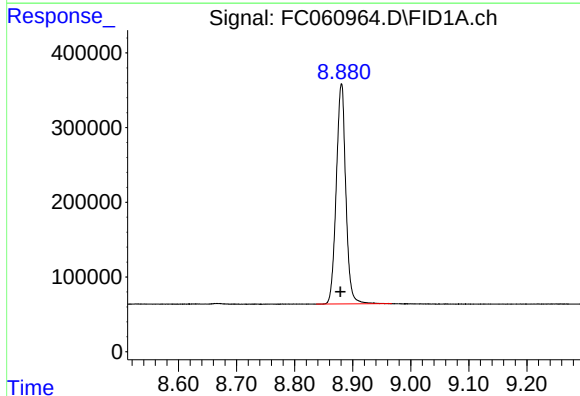
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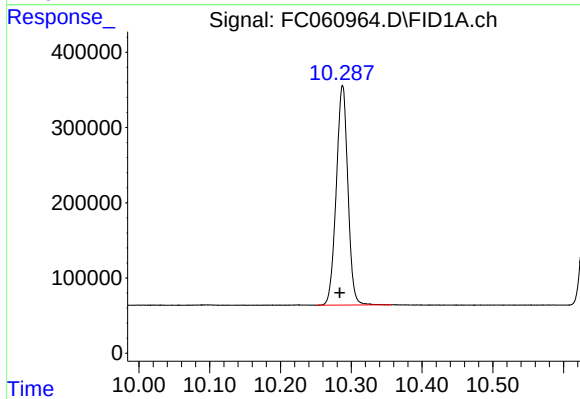
#6 n-Tetradecane (C14)

R.T.: 7.319 min
Delta R.T.: 0.000 min
Response: 3370503
Conc: 22.45 ug/ml



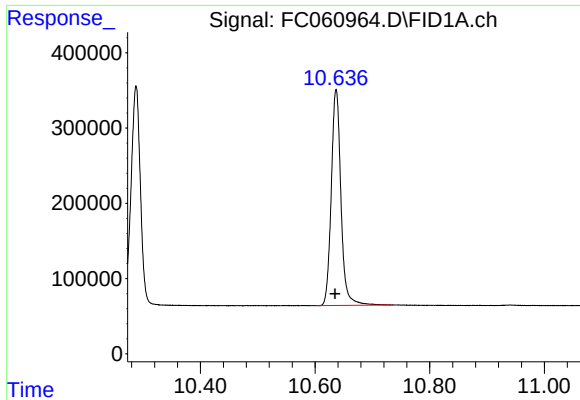
#7 n-Hexadecane (C16)

R.T.: 8.880 min
Delta R.T.: 0.002 min
Response: 3361683
Conc: 21.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.288 min
Delta R.T.: 0.004 min
Response: 3324318
Conc: 21.29 ug/ml



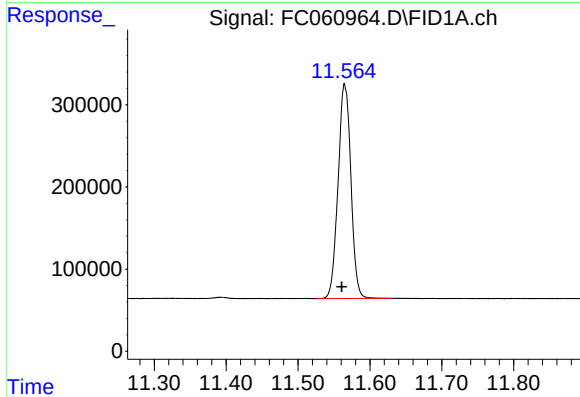
#9 ortho-Terphenyl (SURR)

R.T.: 10.637 min
Delta R.T.: 0.002 min
Response: 3364687
Conc: 20.50 ug/ml

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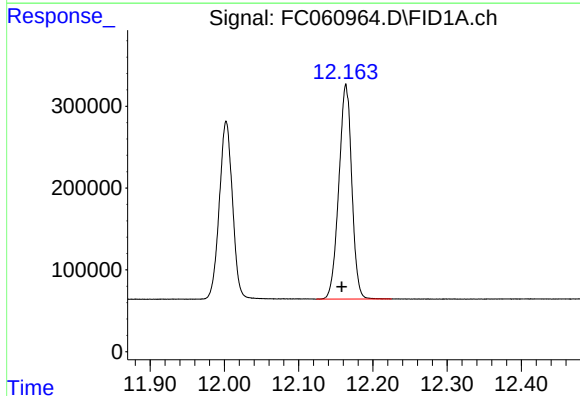
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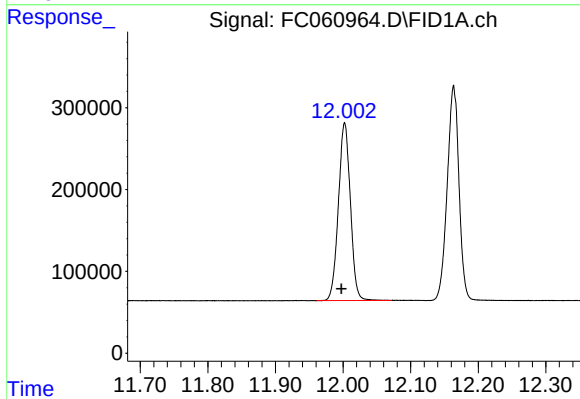
#10 n-Eicosane (C20)

R.T.: 11.565 min
Delta R.T.: 0.004 min
Response: 3241916
Conc: 20.66 ug/ml



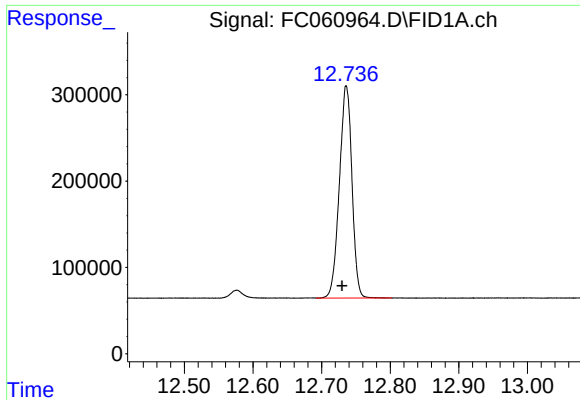
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: 0.006 min
Response: 3175960
Conc: 20.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.002 min
Delta R.T.: 0.005 min
Response: 2677422
Conc: 20.17 ug/ml



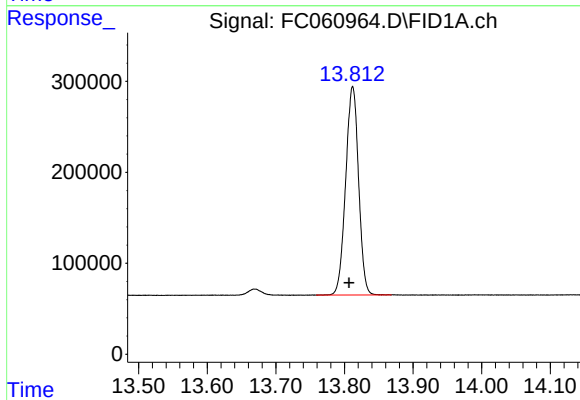
#13 n-Docosane (C22)

R.T.: 12.736 min
Delta R.T.: 0.006 min
Response: 3134420
Conc: 20.10 ug/ml

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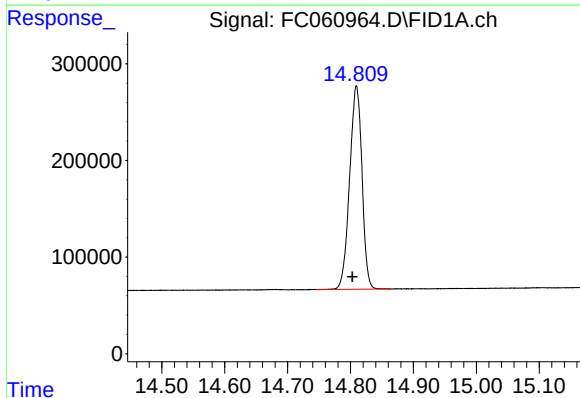
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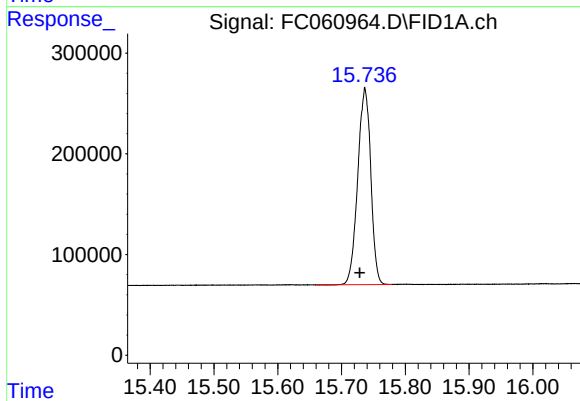
#14 n-Tetracosane (C24)

R.T.: 13.812 min
Delta R.T.: 0.005 min
Response: 2995433
Conc: 19.62 ug/ml



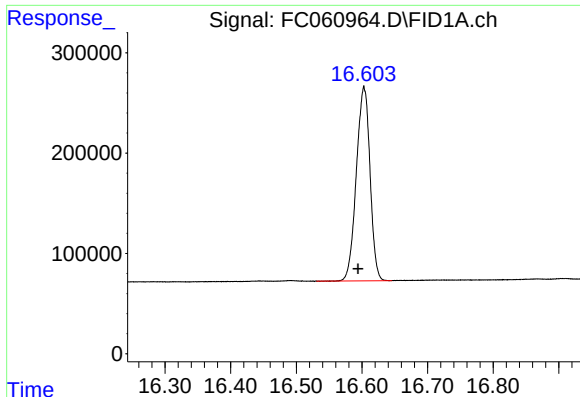
#15 n-Hexacosane (C26)

R.T.: 14.809 min
Delta R.T.: 0.006 min
Response: 2875518
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.737 min
Delta R.T.: 0.008 min
Response: 2770570
Conc: 19.33 ug/ml



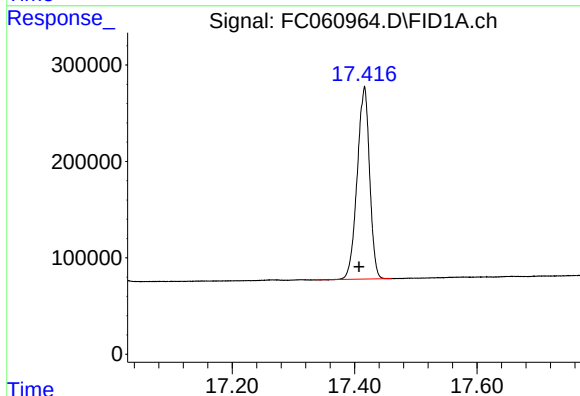
#17 n-Tricontane (C30)

R.T.: 16.603 min
Delta R.T.: 0.009 min
Response: 2798574
Conc: 19.99 ug/ml

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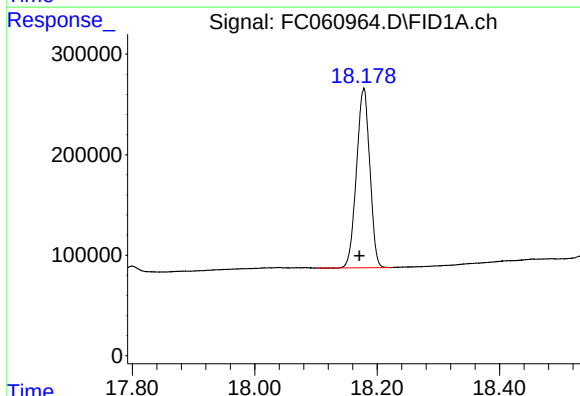
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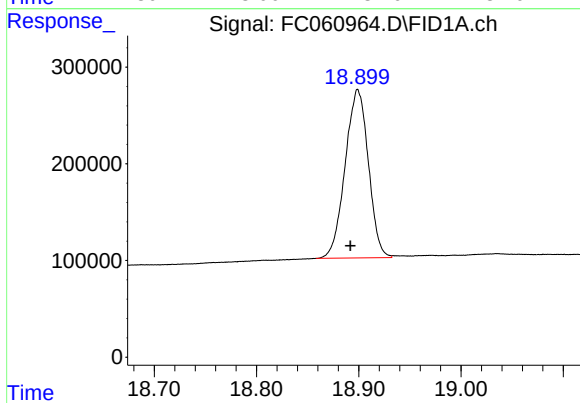
#18 n-Dotriacontane (C32)

R.T.: 17.416 min
Delta R.T.: 0.009 min
Response: 2811491
Conc: 20.83 ug/ml



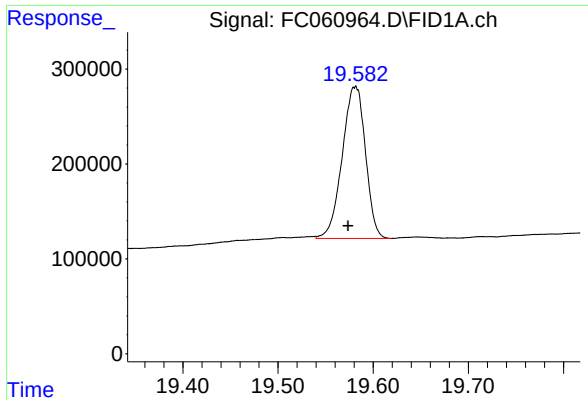
#19 n-Tetratriacontane (C34)

R.T.: 18.178 min
Delta R.T.: 0.007 min
Response: 2693214
Conc: 21.47 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.899 min
Delta R.T.: 0.007 min
Response: 2745110
Conc: 22.46 ug/ml m



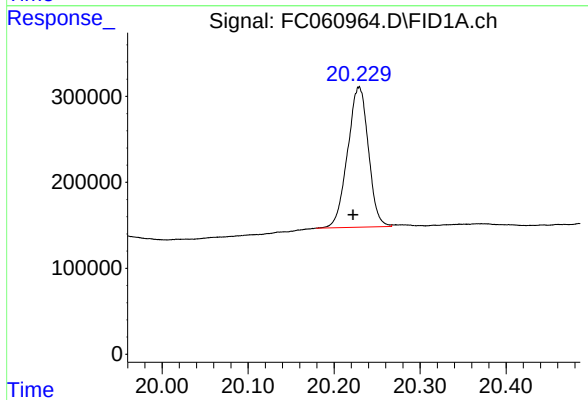
#21 n-Octatriacontane (C38)

R.T.: 19.582 min
Delta R.T.: 0.008 min
Response: 2716210
Conc: 23.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.229 min
Delta R.T.: 0.007 min
Response: 2738528
Conc: 23.79 ug/ml m