

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032725AL\
 Data File : FC068420.D
 Signal(s) : FID1A.ch
 Acq On : 27 Mar 2025 14:29
 Operator : YP/AJ
 Sample : PB167350BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

PB167350BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File: autoint1.e

Quant Time: Mar 28 02:47:05 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M

Quant Title : GC Extractables

QLast Update : Wed Mar 26 13:35:27 2025

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)	11.387	7007953	35.282 ug/ml
Spiked Amount 50.000		Recovery =	70.56%
12) S 1-chlorooctadecane (S...	12.828	5333726	35.779 ug/ml
Spiked Amount 50.000		Recovery =	71.56%
Target Compounds			
1) T n-Nonane (C9)	3.208	5586798	34.930 ug/ml
2) T n-Decane (C10)	4.259	5927515	36.565 ug/ml
3) T A~Naphthalene (C11.7)	5.821	6700219	37.924 ug/ml
4) T n-Dodecane (C12)	6.262	6177326	37.459 ug/ml
5) T A~2-methylnaphthalene...	6.871	6173173	36.292 ug/ml
6) T n-Tetradecane (C14)	8.051	6227392	37.848 ug/ml
7) T n-Hexadecane (C16)	9.644	6352454	36.965 ug/ml
8) T n-Octadecane (C18)	11.082	6307458	35.935 ug/ml
10) T n-Eicosane (C20)	12.388	6528151	38.117 ug/ml
11) T n-Heneicosane (C21)	12.998	6211620	37.031 ug/ml
13) T n-Docosane (C22)	13.582	6134739	36.365 ug/ml
14) T n-Tetracosane (C24)	14.640	12644518	73.831 ug/mlm
15) T n-Hexacosane (C26)	15.703	5934997	35.263 ug/ml
16) T n-Octacosane (C28)	16.650	5805839	34.721 ug/ml
17) T n-Tricontane (C30)	17.537	5766984	33.076 ug/ml
18) T n-Dotriacontane (C32)	18.366	5617729	33.558 ug/ml
19) T n-Tetratriacontane (C34)	19.148	5449605	36.947 ug/ml
20) T n-Hexatriacontane (C36)	19.887	5118553	41.825 ug/ml
21) T n-Octatriacontane (C38)	20.596	4968857	46.271 ug/ml
22) T n-Tetracontane (C40)	21.444	4682242	47.775 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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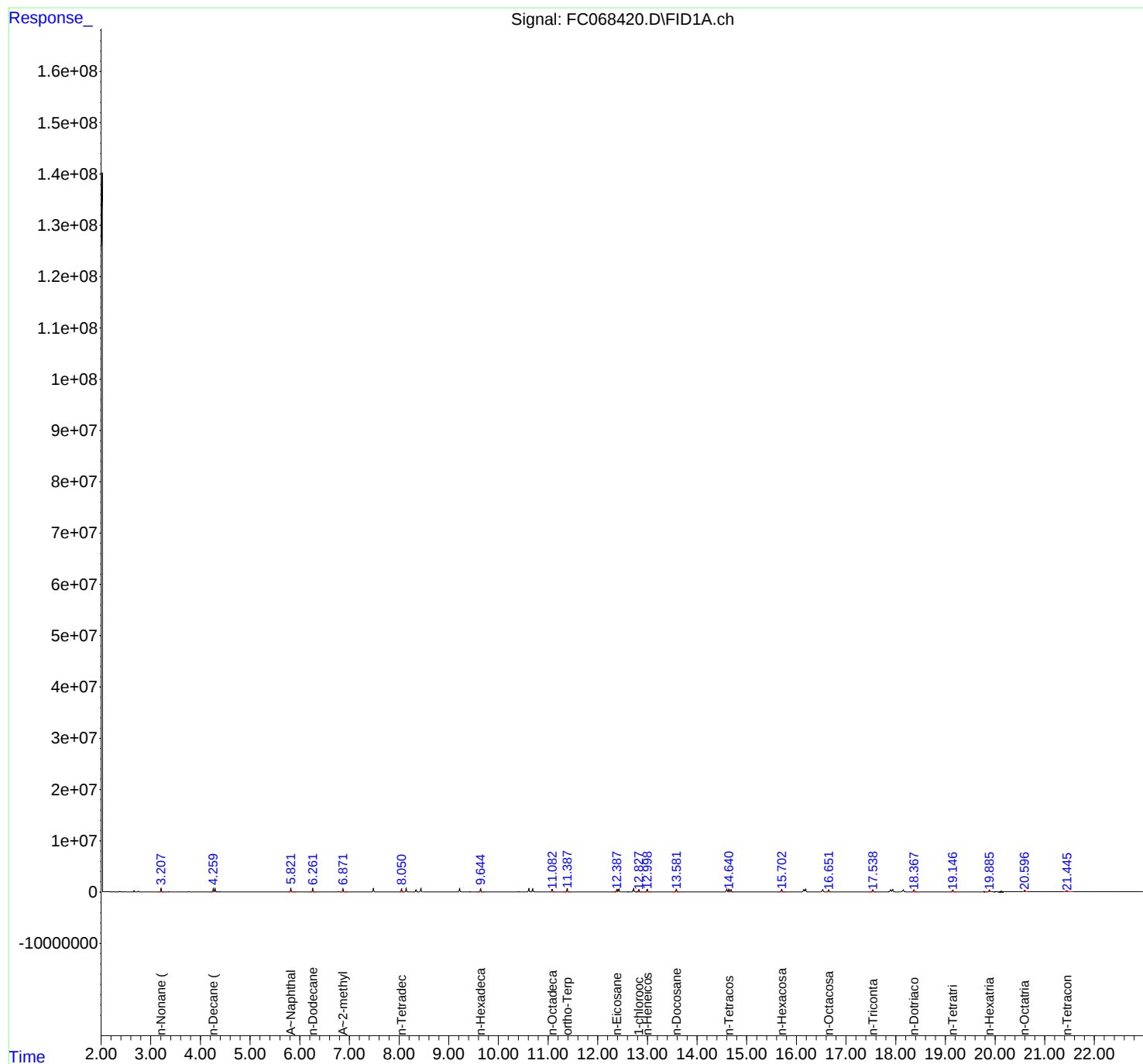
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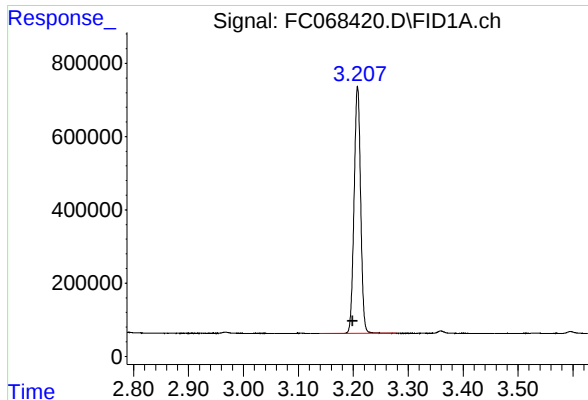
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.208 min
Delta R.T.: 0.009 min
Response: 5586798
Conc: 34.93 ug/ml

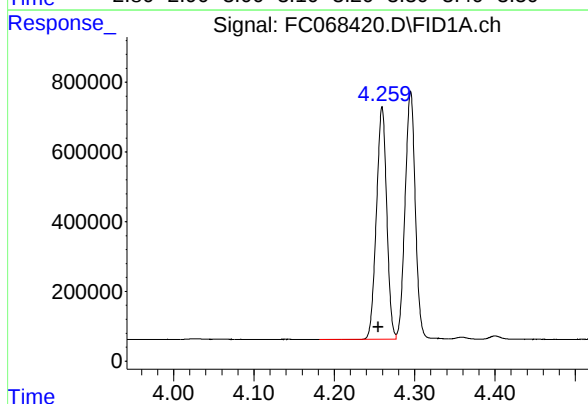
Instrument :

FID_C

ClientSampleId :
PB167350BS

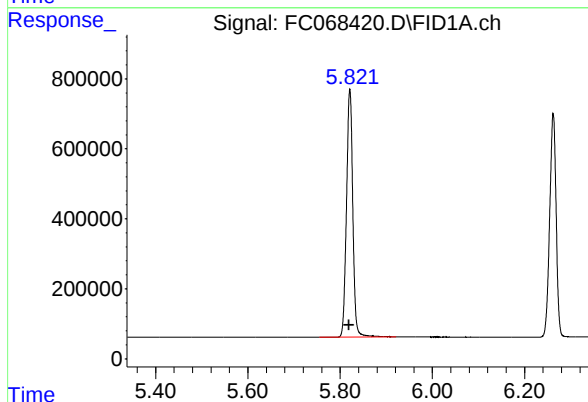
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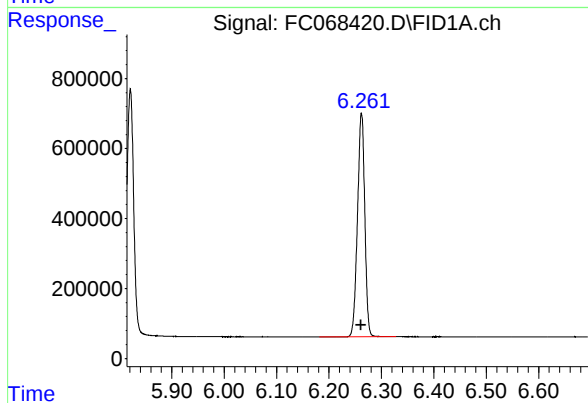
#2 n-Decane (C10)

R.T.: 4.259 min
Delta R.T.: 0.005 min
Response: 5927515
Conc: 36.57 ug/ml



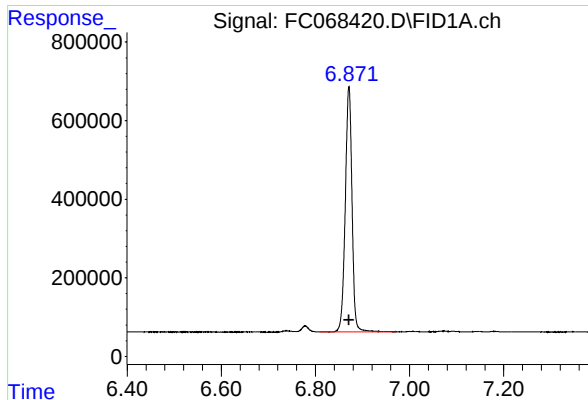
#3 A~Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: 0.002 min
Response: 6700219
Conc: 37.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.262 min
Delta R.T.: 0.000 min
Response: 6177326
Conc: 37.46 ug/ml



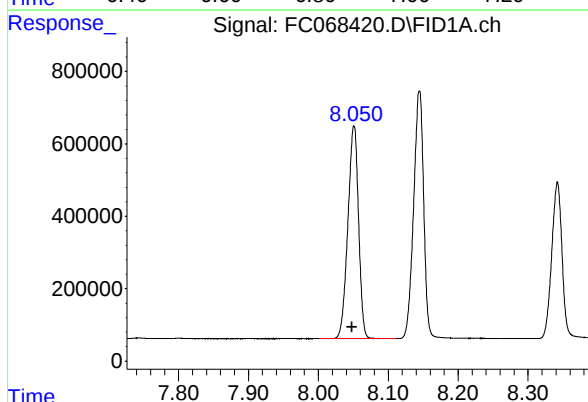
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 6173173
Conc: 36.29 ug/ml

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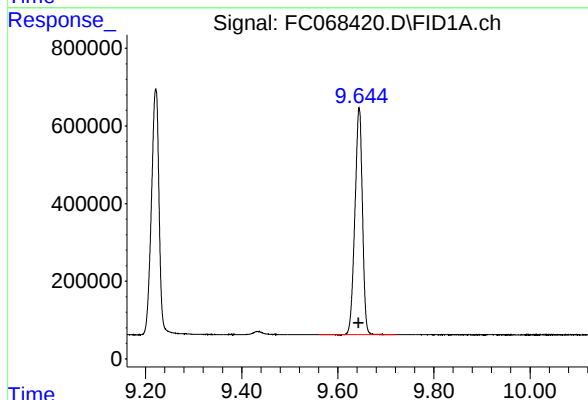
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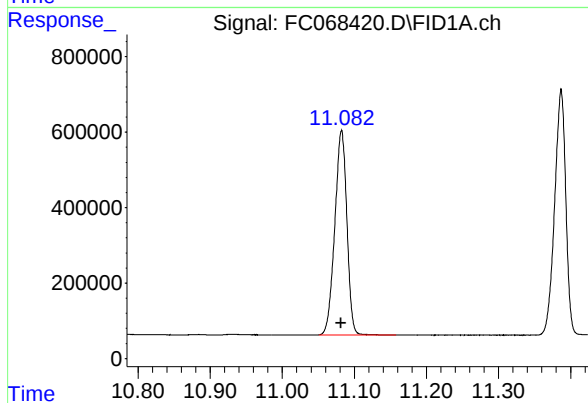
#6 n-Tetradecane (C14)

R.T.: 8.051 min
Delta R.T.: 0.002 min
Response: 6227392
Conc: 37.85 ug/ml



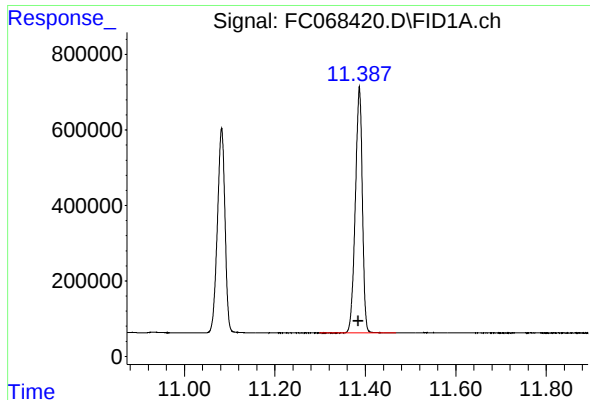
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 6352454
Conc: 36.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 6307458
Conc: 35.93 ug/ml



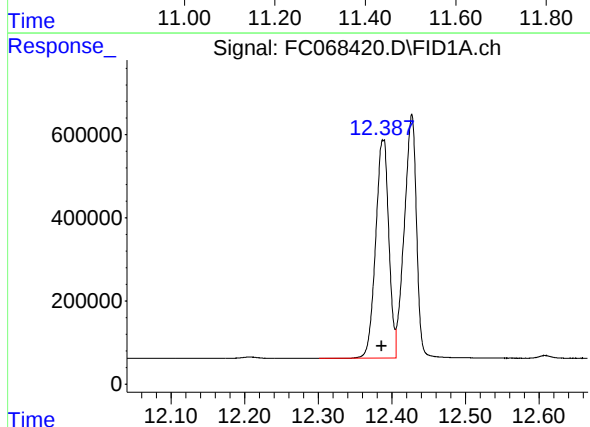
#9 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: 0.002 min
Response: 7007953
Conc: 35.28 ug/ml

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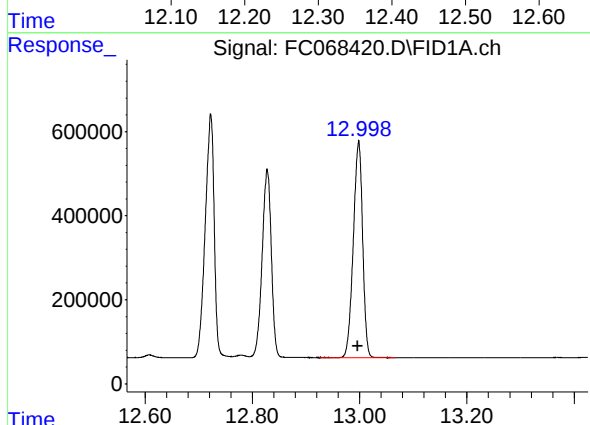
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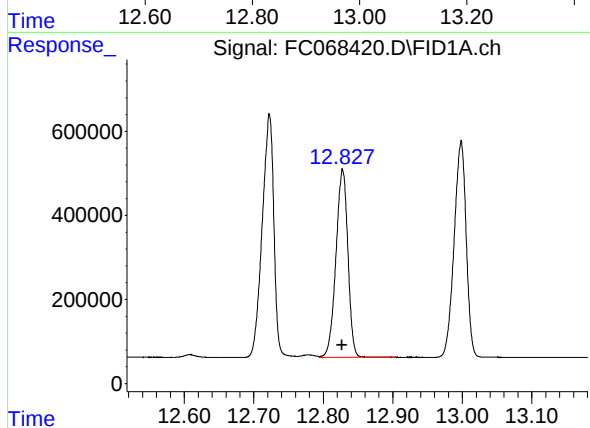
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.001 min
Response: 6528151
Conc: 38.12 ug/ml



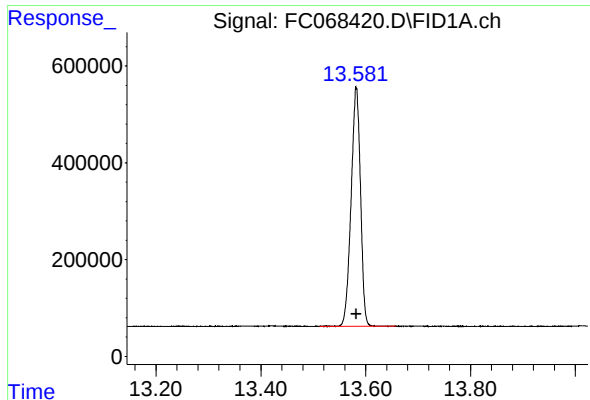
#11 n-Heneicosane (C21)

R.T.: 12.998 min
Delta R.T.: 0.001 min
Response: 6211620
Conc: 37.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.828 min
Delta R.T.: 0.000 min
Response: 5333726
Conc: 35.78 ug/ml



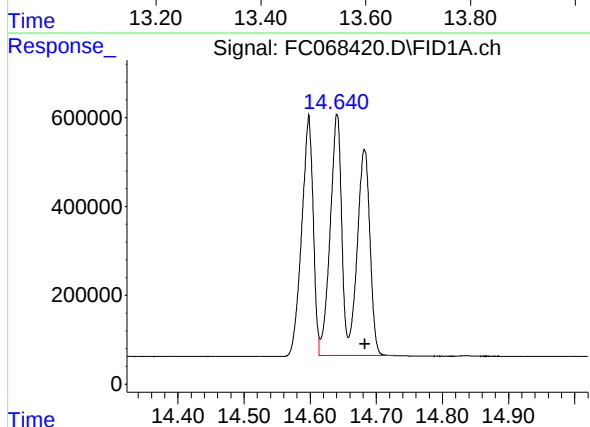
#13 n-Docosane (C22)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 6134739
Conc: 36.36 ug/ml

Instrument :
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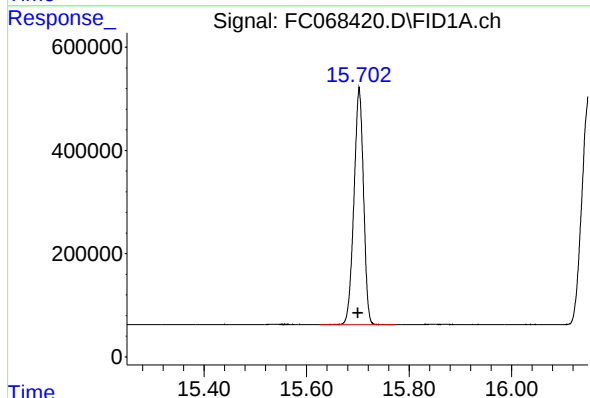
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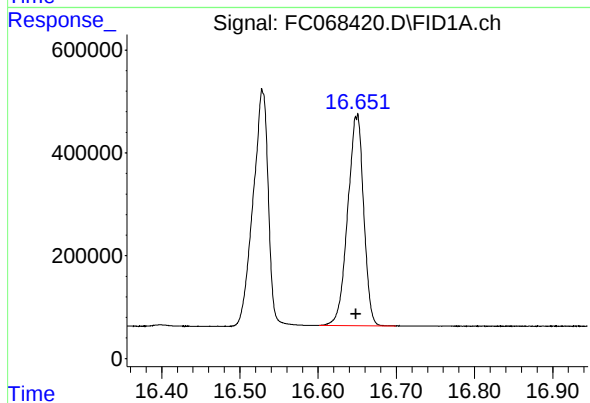
#14 n-Tetracosane (C24)

R.T.: 14.640 min
Delta R.T.: -0.043 min
Response: 12644518
Conc: 73.83 ug/ml m



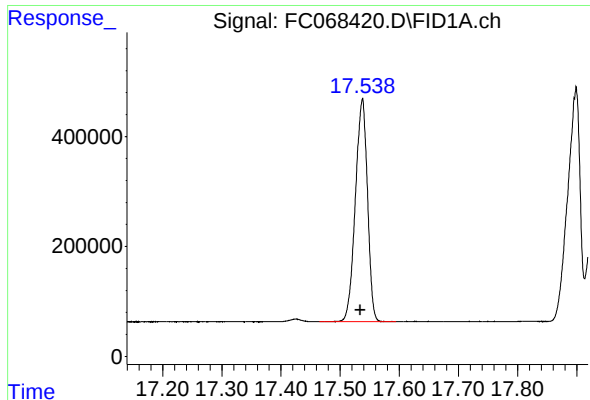
#15 n-Hexacosane (C26)

R.T.: 15.703 min
Delta R.T.: 0.002 min
Response: 5934997
Conc: 35.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.650 min
Delta R.T.: 0.001 min
Response: 5805839
Conc: 34.72 ug/ml



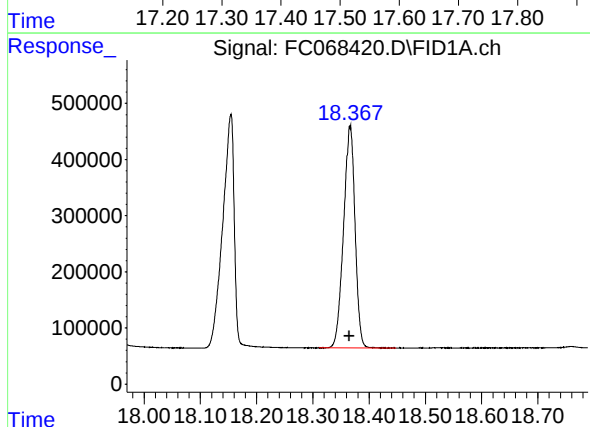
#17 n-Tricontane (C30)

R.T.: 17.537 min
Delta R.T.: 0.003 min
Response: 5766984
Conc: 33.08 ug/ml

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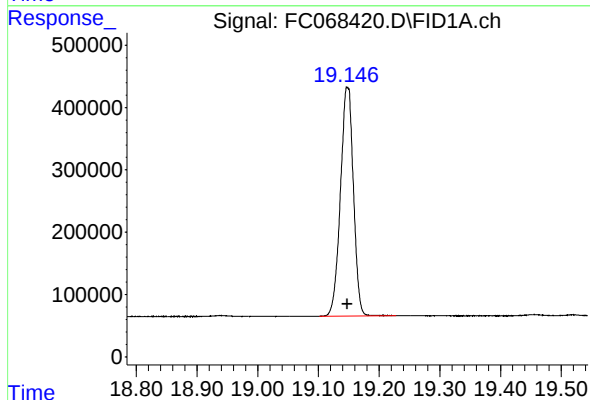
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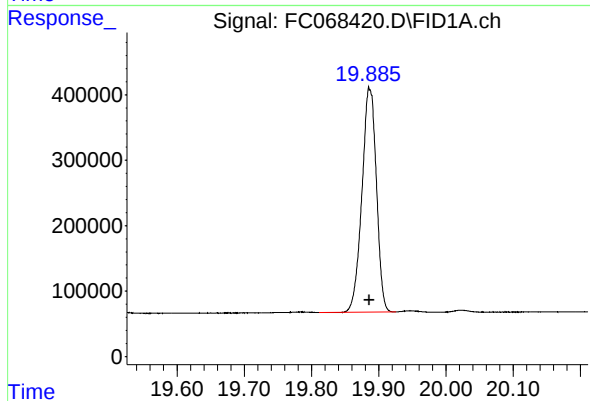
#18 n-Dotriacontane (C32)

R.T.: 18.366 min
Delta R.T.: 0.000 min
Response: 5617729
Conc: 33.56 ug/ml



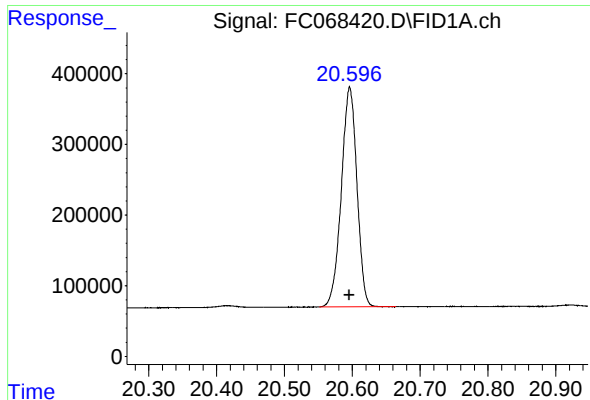
#19 n-Tetratriacontane (C34)

R.T.: 19.148 min
Delta R.T.: 0.000 min
Response: 5449605
Conc: 36.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.887 min
Delta R.T.: 0.000 min
Response: 5118553
Conc: 41.83 ug/ml



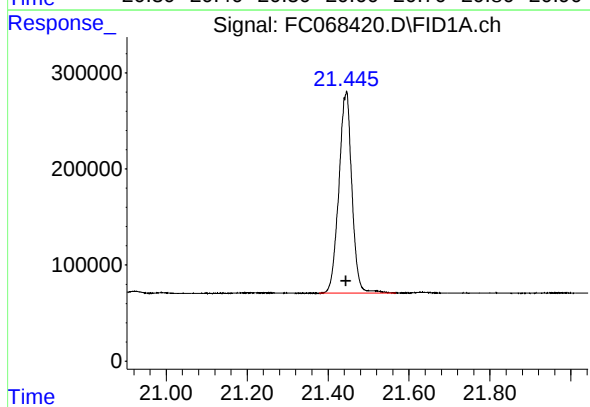
#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 4968857
Conc: 46.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.444 min
Delta R.T.: 0.000 min
Response: 4682242
Conc: 47.78 ug/ml