

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122024AL\
 Data File : FC068062.D
 Signal(s) : FID1A.ch
 Acq On : 20 Dec 2024 11:46
 Operator : YP/AJ
 Sample : PB165775BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB165775BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/23/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 21 01:51:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 07:59:10 2024
 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			
12) S 1-chlorooctadecane (S...	12.870	6982791	54.727 ug/ml
Spiked Amount 50.000		Recovery =	109.45%
Target Compounds			
1) T n-Nonane (C9)	3.217	3207919	20.647 ug/ml
2) T n-Decane (C10)	4.277	4240784	26.751 ug/ml
4) T n-Dodecane (C12)	6.290	5415981	33.637 ug/ml
6) T n-Tetradecane (C14)	8.082	6158582	38.734 ug/ml
7) T n-Hexadecane (C16)	9.680	6549523	40.541 ug/ml
8) T n-Octadecane (C18)	11.120	6768347	42.159 ug/ml
10) T n-Eicosane (C20)	12.428	6983821	46.426 ug/ml
11) T n-Heneicosane (C21)	13.039	6700222	45.855 ug/ml
13) T n-Docosane (C22)	13.624	6618144	46.234 ug/ml
14) T n-Tetracosane (C24)	14.725	6418378	46.193 ug/ml
15) T n-Hexacosane (C26)	15.745	6238703	46.651 ug/ml
16) T n-Octacosane (C28)	16.694	6065280	46.760 ug/ml
17) T n-Tricontane (C30)	17.581	6063740	46.809 ug/ml
18) T n-Dotriacontane (C32)	18.412	5968914	48.181 ug/ml
19) T n-Tetratriacontane (C34)	19.195	5939577	54.418 ug/ml
20) T n-Hexatriacontane (C36)	19.934	5812965	61.442 ug/ml
21) T n-Octatriacontane (C38)	20.650	5863802	64.820 ug/ml
22) T n-Tetracontane (C40)	21.514	5946771	67.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB165775BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

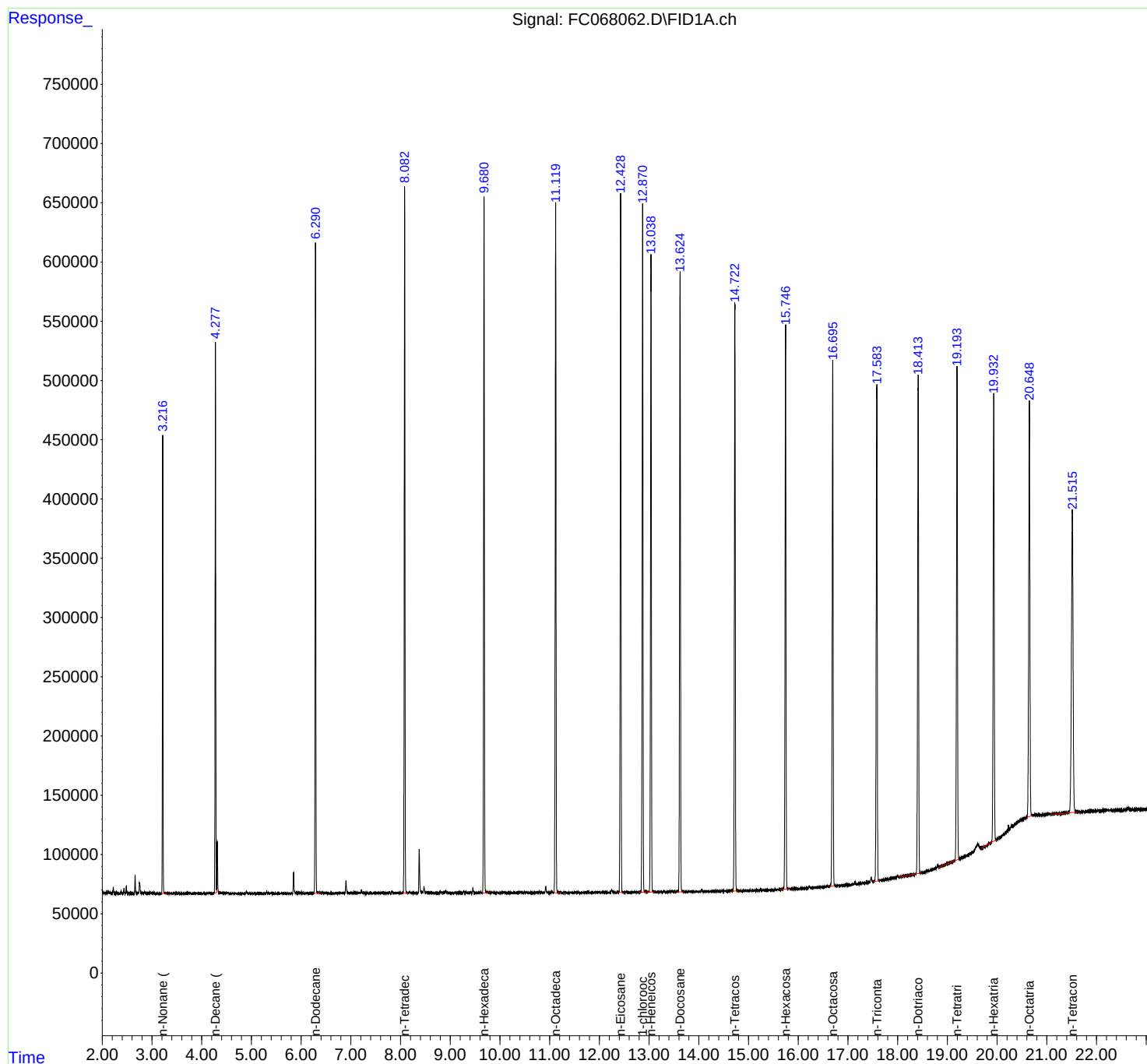
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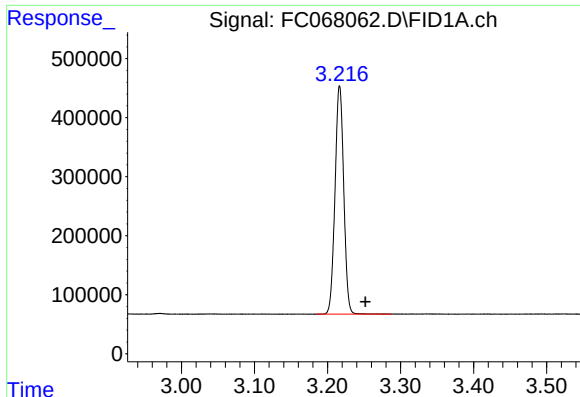
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.035 min
Response: 3207919
Conc: 20.65 ug/ml

Instrument :

FID_C

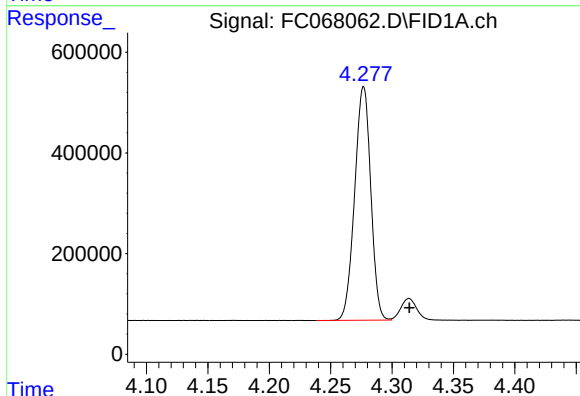
ClientSampleId :

PB165775BSD

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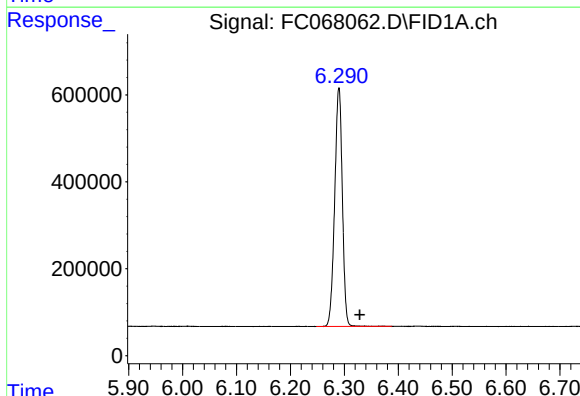
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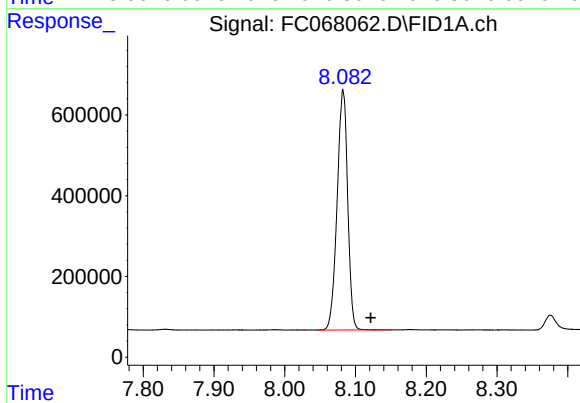
#2 n-Decane (C10)

R.T.: 4.277 min
Delta R.T.: -0.038 min
Response: 4240784
Conc: 26.75 ug/ml m



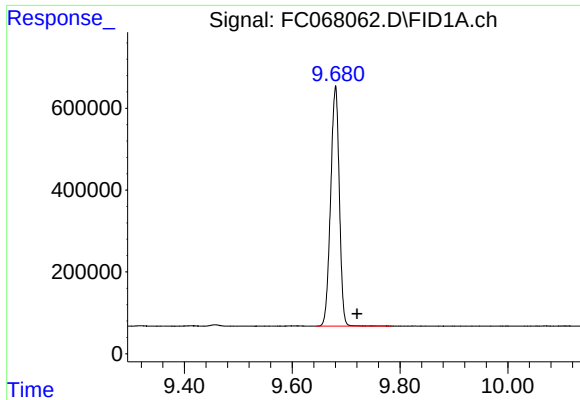
#4 n-Dodecane (C12)

R.T.: 6.290 min
Delta R.T.: -0.039 min
Response: 5415981
Conc: 33.64 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.082 min
Delta R.T.: -0.039 min
Response: 6158582
Conc: 38.73 ug/ml



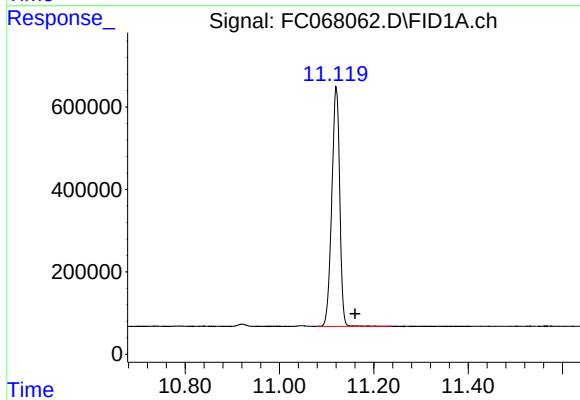
#7 n-Hexadecane (C16)

R.T.: 9.680 min
Delta R.T.: -0.040 min
Response: 6549523
Conc: 40.54 ug/ml

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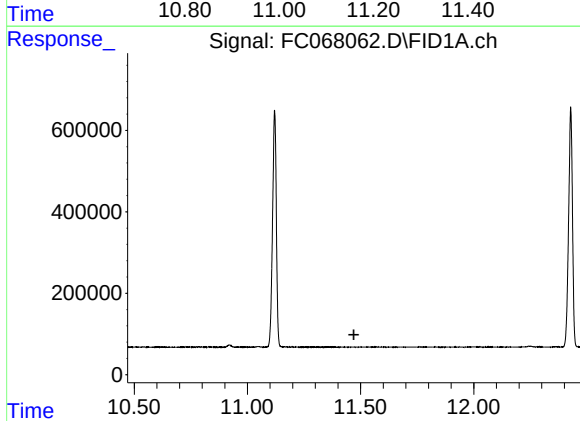
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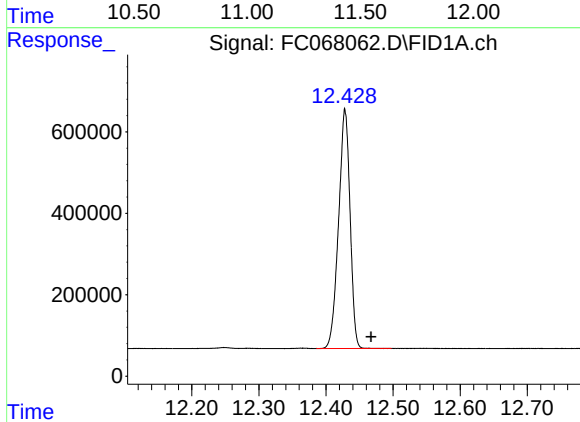
#8 n-Octadecane (C18)

R.T.: 11.120 min
Delta R.T.: -0.040 min
Response: 6768347
Conc: 42.16 ug/ml



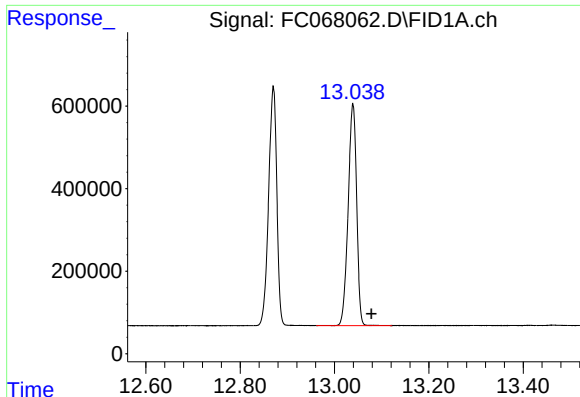
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.470 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: -0.039 min
Response: 6983821
Conc: 46.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.040 min
Response: 6700222
Conc: 45.86 ug/ml

Instrument :

FID_C

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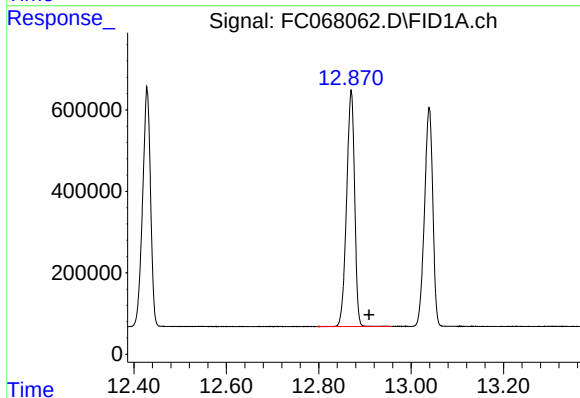
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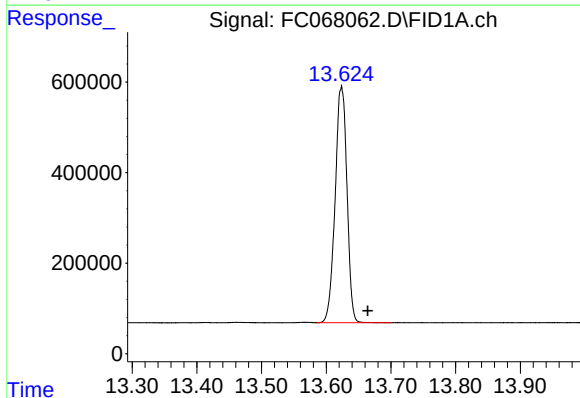
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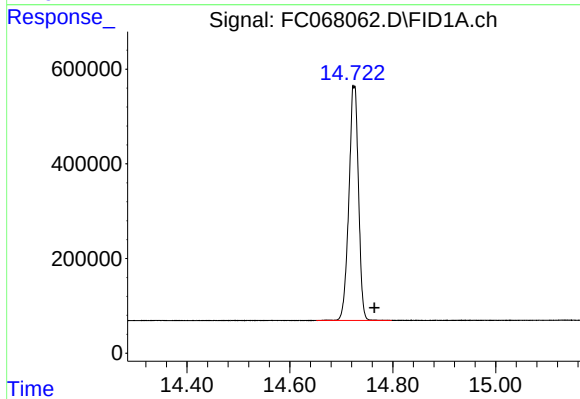
#12 1-chlorooctadecane (SURR)

R.T.: 12.870 min
Delta R.T.: -0.039 min
Response: 6982791
Conc: 54.73 ug/ml



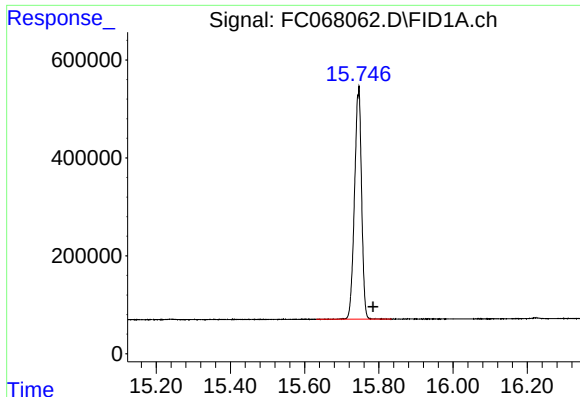
#13 n-Docosane (C22)

R.T.: 13.624 min
Delta R.T.: -0.040 min
Response: 6618144
Conc: 46.23 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.725 min
Delta R.T.: -0.040 min
Response: 6418378
Conc: 46.19 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.745 min
Delta R.T.: -0.040 min
Response: 6238703
Conc: 46.65 ug/ml

Instrument :

FID_C

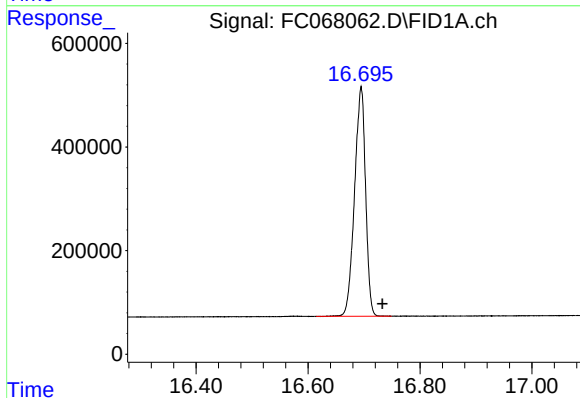
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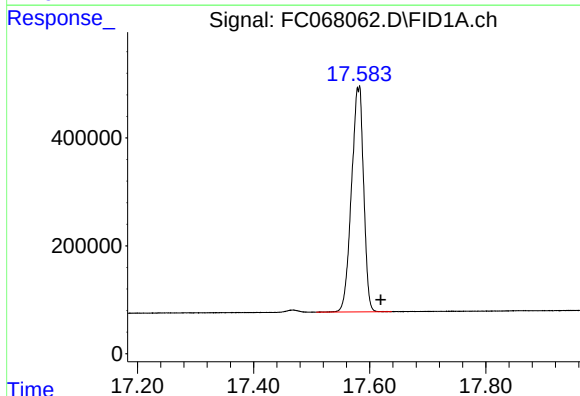
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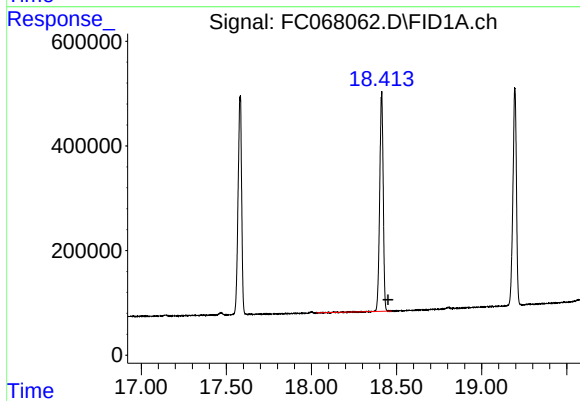
#16 n-Octacosane (C28)

R.T.: 16.694 min
Delta R.T.: -0.038 min
Response: 6065280
Conc: 46.76 ug/ml



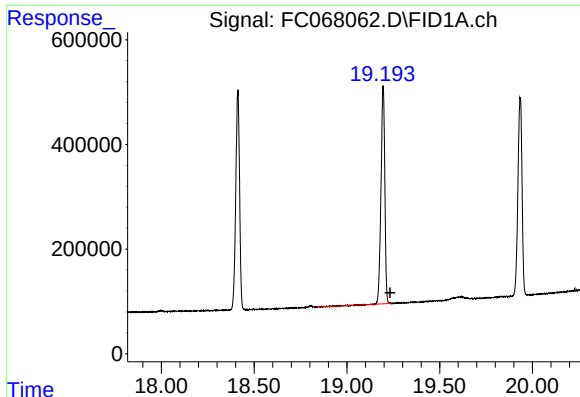
#17 n-Tricontane (C30)

R.T.: 17.581 min
Delta R.T.: -0.038 min
Response: 6063740
Conc: 46.81 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: -0.038 min
Response: 5968914
Conc: 48.18 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.195 min
Delta R.T.: -0.037 min
Response: 5939577
Conc: 54.42 ug/ml

Instrument :

FID_C

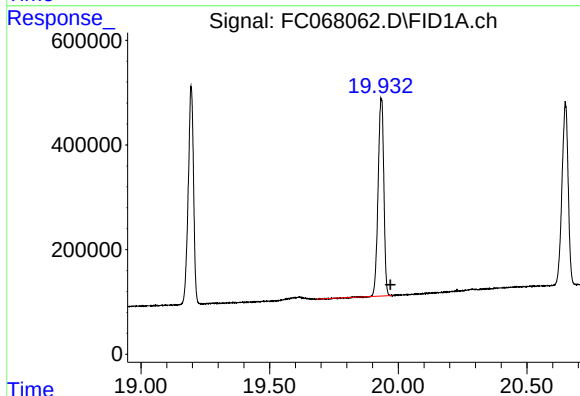
ClientSampleId :

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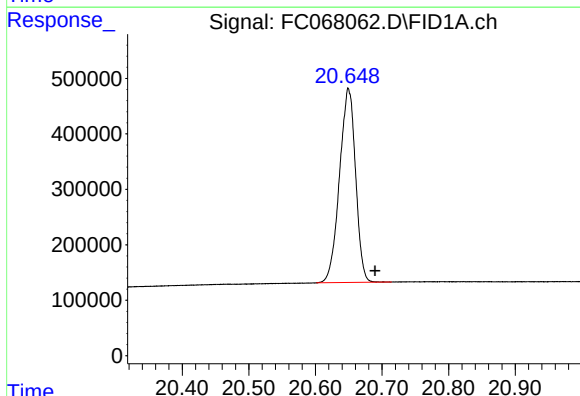
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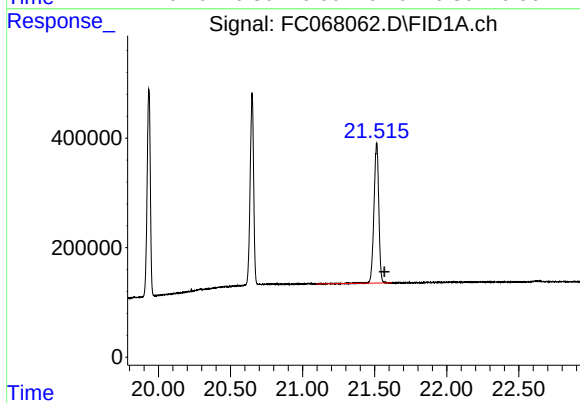
#20 n-Hexatriacontane (C36)

R.T.: 19.934 min
Delta R.T.: -0.036 min
Response: 5812965
Conc: 61.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.650 min
Delta R.T.: -0.040 min
Response: 5863802
Conc: 64.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.514 min
Delta R.T.: -0.054 min
Response: 5946771
Conc: 67.47 ug/ml