

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110923AL\
 Data File : FC065095.D
 Signal(s) : FID1A.ch
 Acq On : 10 Nov 2023 06:02
 Operator : YP/AJ
 Sample : 05294-06MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WT-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/10/2023
 Supervised By :Ankita Jodhani 11/10/2023

Integration File: autoint1.e
 Quant Time: Nov 10 07:16:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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...	12.941	6592576	41.703 ug/ml
Spiked Amount 50.000		Recovery =	83.41%
Target Compounds			
1) T n-Nonane (C9)	3.308	4595401	24.306 ug/ml
2) T n-Decane (C10)	4.368	5630526	29.612 ug/ml
4) T n-Dodecane (C12)	6.379	6650348	34.427 ug/ml
6) T n-Tetradecane (C14)	8.166	7352967	38.969 ug/ml
7) T n-Hexadecane (C16)	9.760	7905277	41.822 ug/ml
8) T n-Octadecane (C18)	11.197	8117416	43.011 ug/ml
10) T n-Eicosane (C20)	12.500	7987259	44.428 ug/ml
11) T n-Heneicosane (C21)	13.109	7528578	42.881 ug/ml
13) T n-Docosane (C22)	13.691	7385843	42.998 ug/ml
14) T n-Tetracosane (C24)	14.792	7089186	42.563 ug/ml
15) T n-Hexacosane (C26)	15.807	6872095	42.815 ug/ml
16) T n-Octacosane (C28)	16.751	6638478	42.418 ug/ml
17) T n-Tricontane (C30)	17.635	6549022	41.347 ug/ml
18) T n-Dotriacontane (C32)	18.463	6451771	40.861 ug/ml
19) T n-Tetratriacontane (C34)	19.243	6330230	41.472 ug/ml
20) T n-Hexatriacontane (C36)	19.982	6032463	39.982 ug/mlm
21) T n-Octatriacontane (C38)	20.701	5930828	39.854 ug/ml
22) T n-Tetracontane (C40)	21.580	5831362	39.648 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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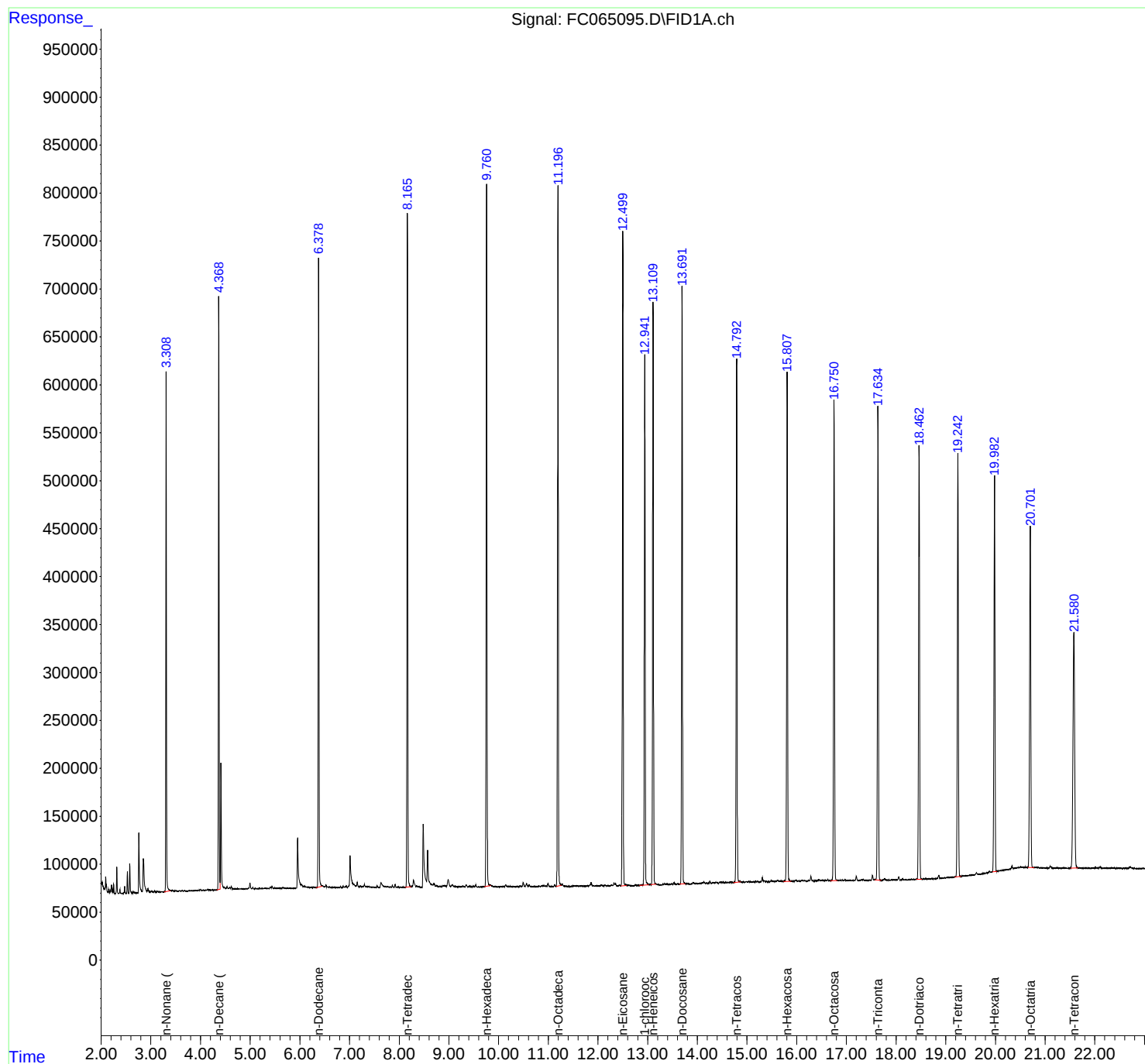
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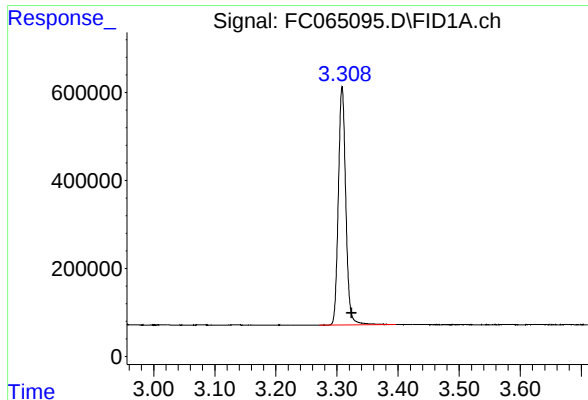
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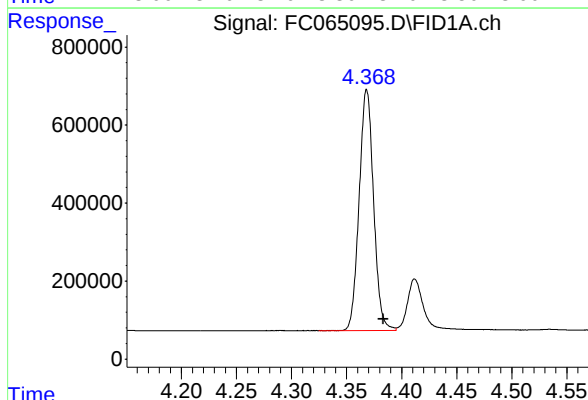
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 4595401
Conc: 24.31 ug/ml

Instrument :
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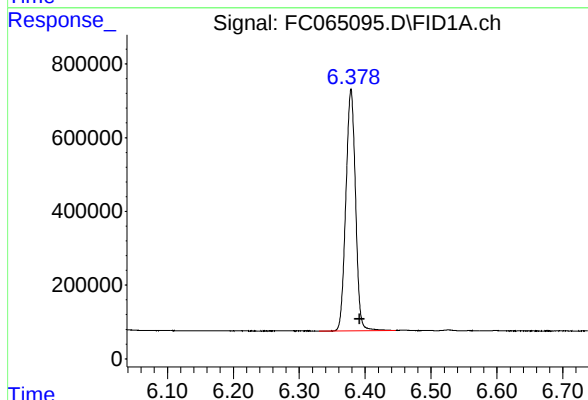
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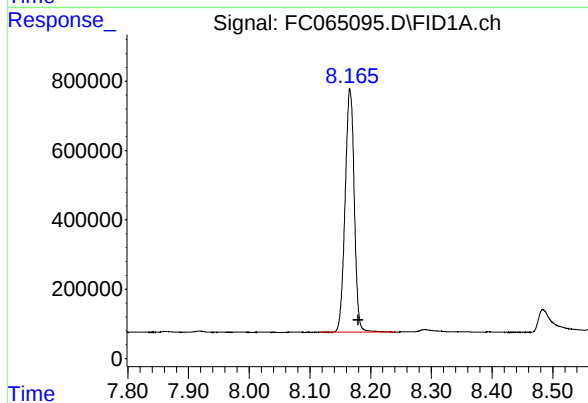
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.015 min
Response: 5630526
Conc: 29.61 ug/ml



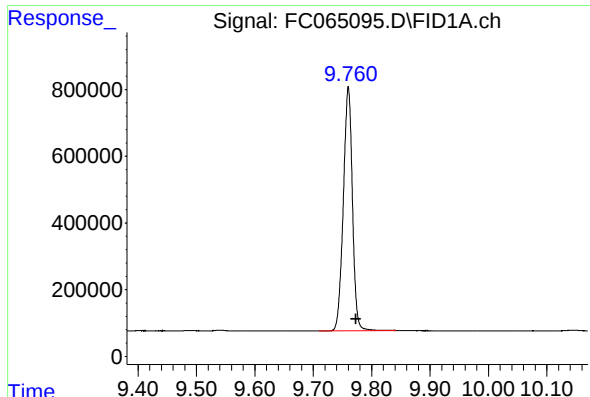
#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.013 min
Response: 6650348
Conc: 34.43 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 7352967
Conc: 38.97 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: -0.013 min
Response: 7905277
Conc: 41.82 ug/ml

Instrument :

FID_C

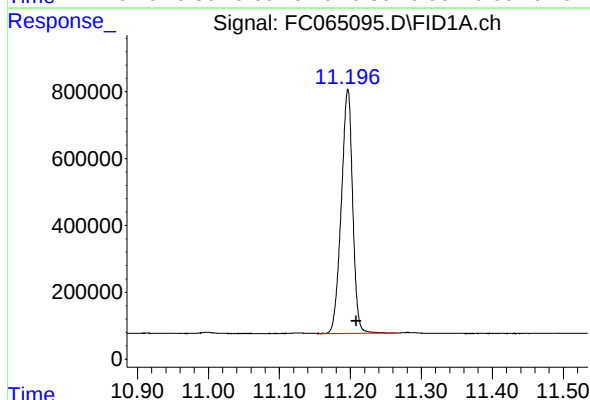
ClientSampleId :

WT-6MS

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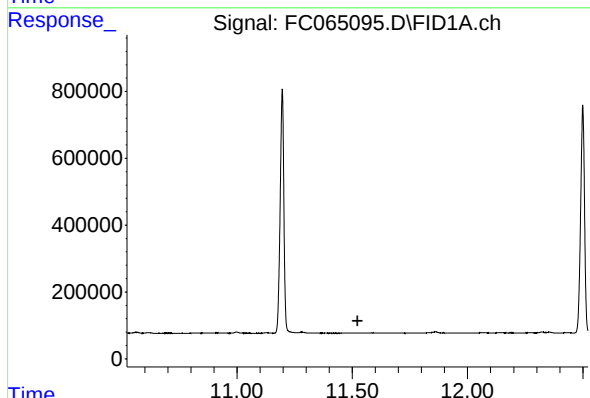
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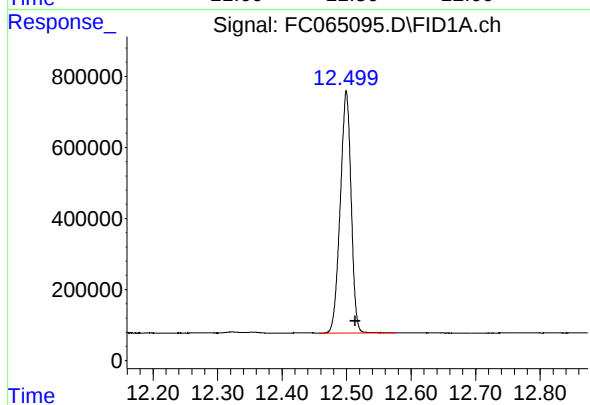
#8 n-Octadecane (C18)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 8117416
Conc: 43.01 ug/ml



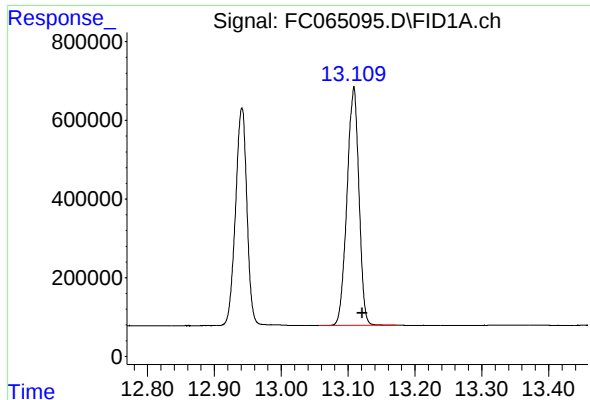
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.500 min
Delta R.T.: -0.014 min
Response: 7987259
Conc: 44.43 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.109 min
Delta R.T.: -0.013 min
Response: 7528578
Conc: 42.88 ug/ml

Instrument :

FID_C

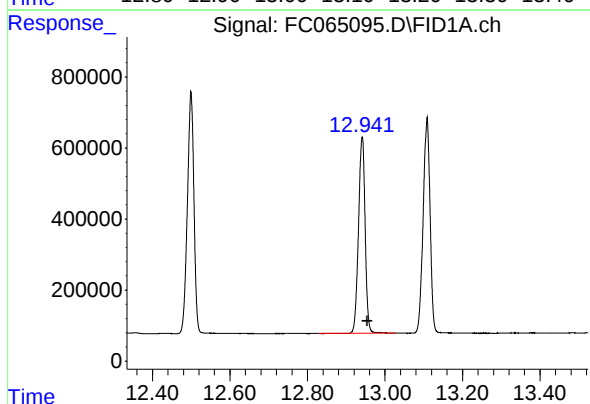
ClientSampleId :

WT-6MS

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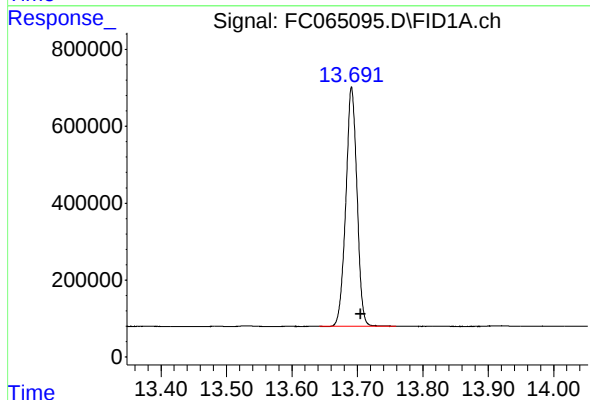
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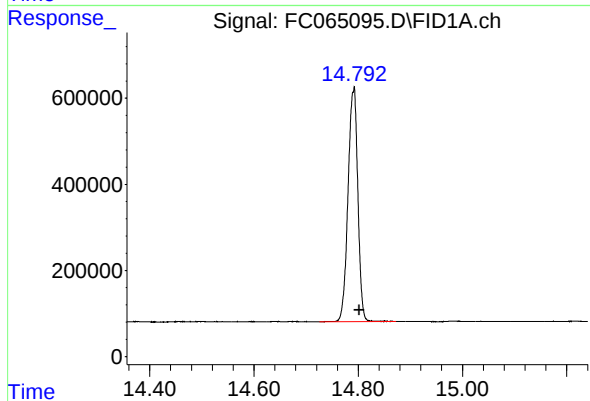
#12 1-chlorooctadecane (SURR)

R.T.: 12.941 min
Delta R.T.: -0.014 min
Response: 6592576
Conc: 41.70 ug/ml



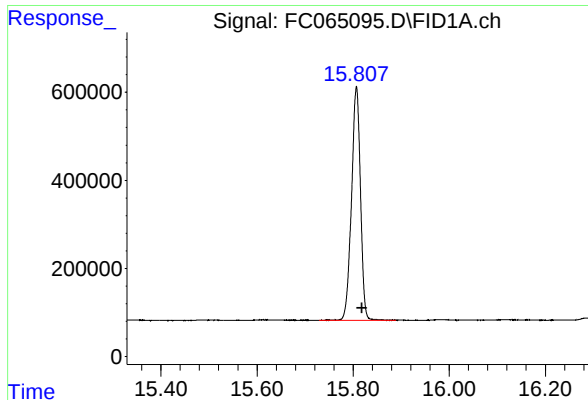
#13 n-Docosane (C22)

R.T.: 13.691 min
Delta R.T.: -0.014 min
Response: 7385843
Conc: 43.00 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.011 min
Response: 7089186
Conc: 42.56 ug/ml



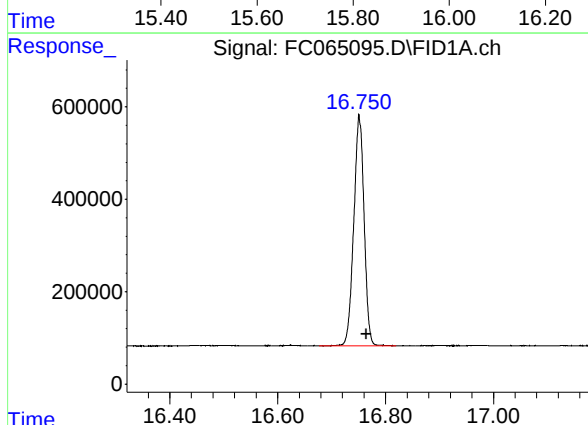
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 6872095
Conc: 42.81 ug/ml

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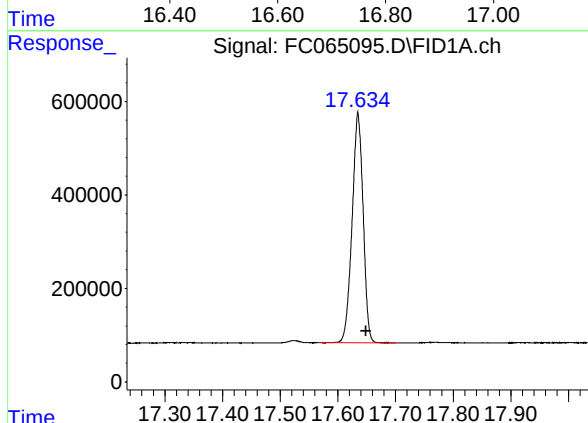
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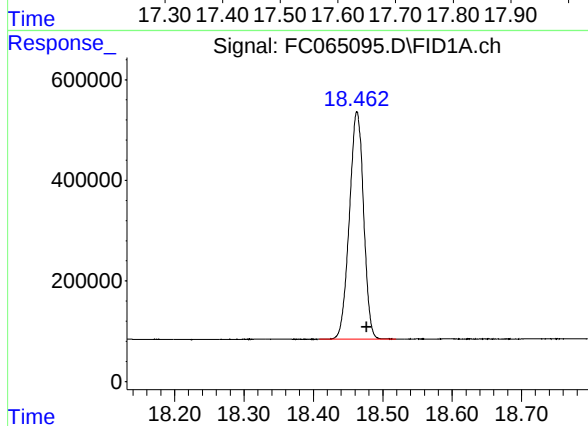
#16 n-Octacosane (C28)

R.T.: 16.751 min
Delta R.T.: -0.014 min
Response: 6638478
Conc: 42.42 ug/ml



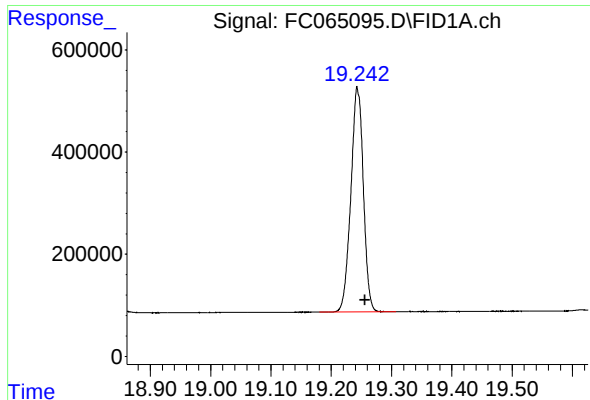
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.014 min
Response: 6549022
Conc: 41.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.014 min
Response: 6451771
Conc: 40.86 ug/ml



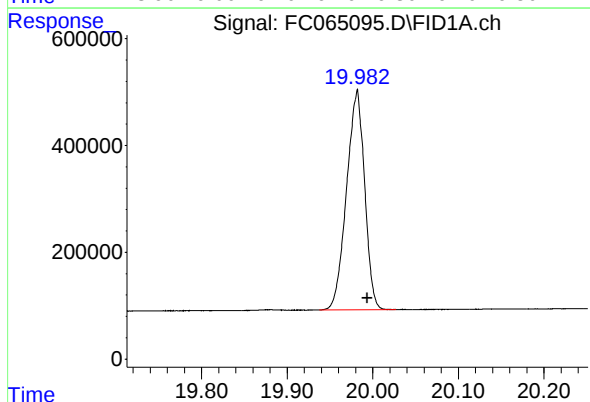
#19 n-Tetratriacontane (C34)

R.T.: 19.243 min
Delta R.T.: -0.013 min
Response: 6330230
Conc: 41.47 ug/ml

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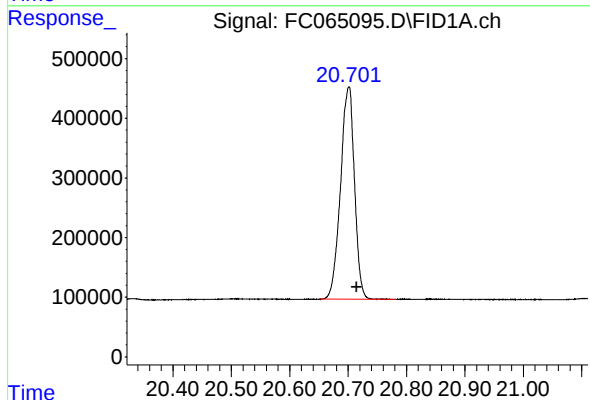
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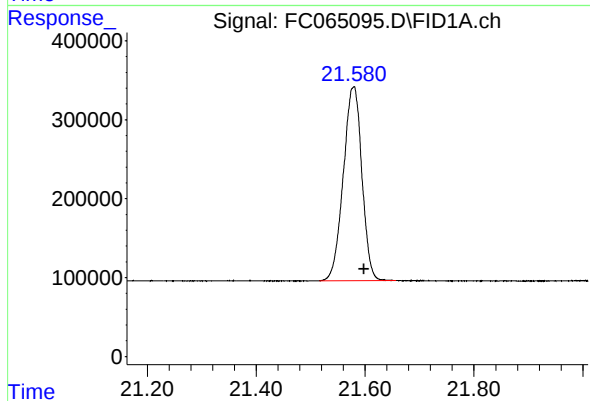
#20 n-Hexatriacontane (C36)

R.T.: 19.982 min
Delta R.T.: -0.012 min
Response: 6032463
Conc: 39.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.701 min
Delta R.T.: -0.013 min
Response: 5930828
Conc: 39.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.580 min
Delta R.T.: -0.018 min
Response: 5831362
Conc: 39.65 ug/ml m