

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050825AL\
 Data File : FC068794.D
 Signal(s) : FID1A.ch
 Acq On : 08 May 2025 13:38
 Operator : YP/AJ
 Sample : PB167903BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB167903BSD

Integration File: autoint1.e
 Quant Time: May 09 09:53:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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			
12) S 1-chlorooctadecane (S...	13.145	3590079	44.750 ug/ml
Spiked Amount 50.000		Recovery =	89.50%
Target Compounds			
1) T n-Nonane (C9)	3.443	2647696	26.324 ug/ml
2) T n-Decane (C10)	4.518	3237196	32.488 ug/ml
4) T n-Dodecane (C12)	6.543	3691655	37.989 ug/ml
6) T n-Tetradecane (C14)	8.341	4194991	45.388 ug/ml
7) T n-Hexadecane (C16)	9.945	4692854	52.408 ug/ml
8) T n-Octadecane (C18)	11.388	5017128	57.196 ug/ml
10) T n-Eicosane (C20)	12.699	5259189	61.714 ug/ml
11) T n-Heneicosane (C21)	13.311	5057612	59.963 ug/ml
13) T n-Docosane (C22)	13.898	5061922	60.507 ug/ml
14) T n-Tetracosane (C24)	15.002	4996084	60.044 ug/ml
15) T n-Hexacosane (C26)	16.024	4919234	59.373 ug/ml
16) T n-Octacosane (C28)	16.976	4878813	59.033 ug/ml
17) T n-Tricontane (C30)	17.863	4961087	58.633 ug/ml
18) T n-Dotriacontane (C32)	18.697	4939966	57.351 ug/ml
19) T n-Tetratriacontane (C34)	19.482	4864425	57.094 ug/ml
20) T n-Hexatriacontane (C36)	20.224	4652516	54.131 ug/ml
21) T n-Octatriacontane (C38)	20.998	4530376	54.008 ug/ml
22) T n-Tetracontane (C40)	21.977	4388059	53.542 ug/ml

(f)=RT Delta > 1/2 Window

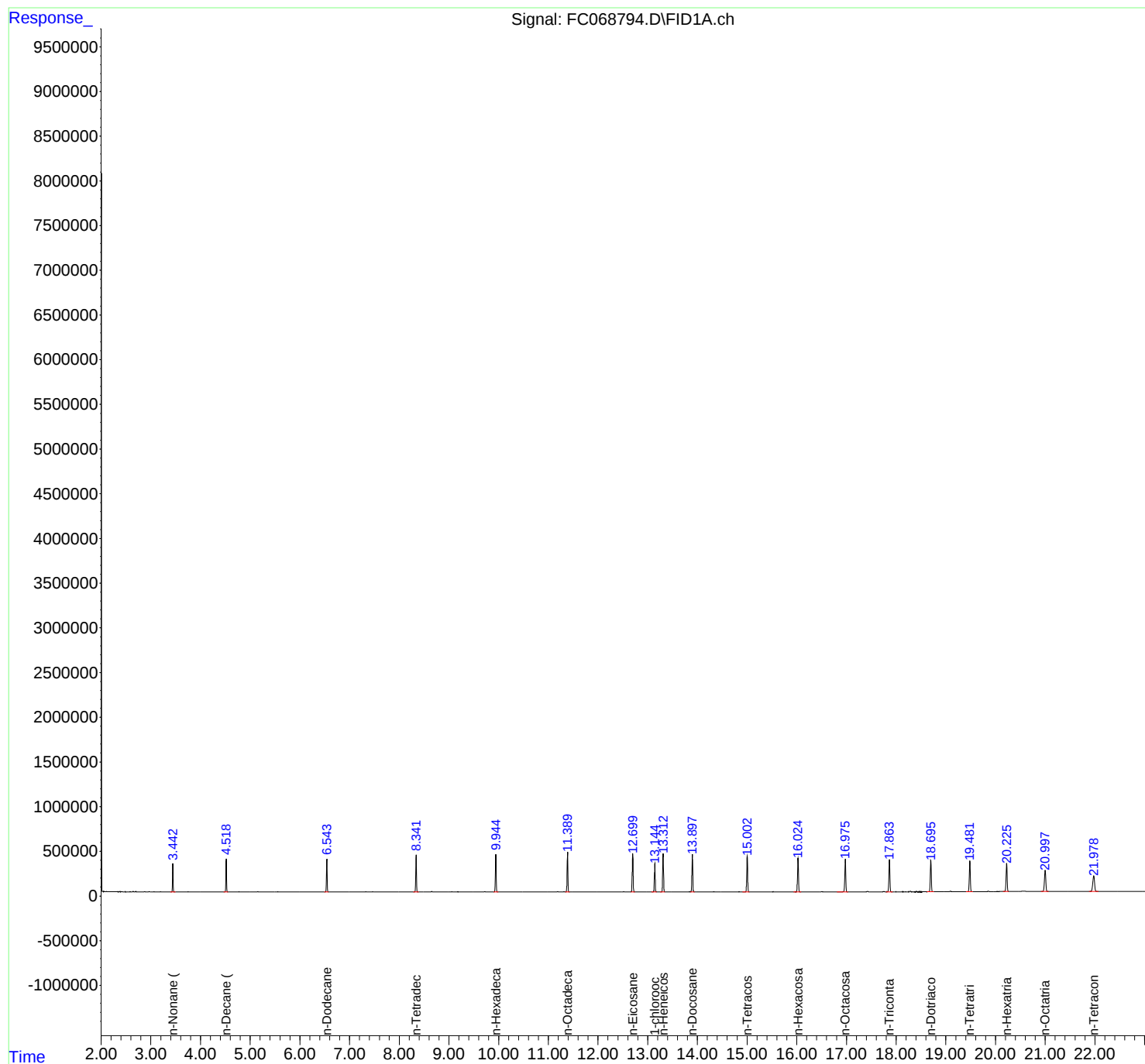
(m)=manual int.

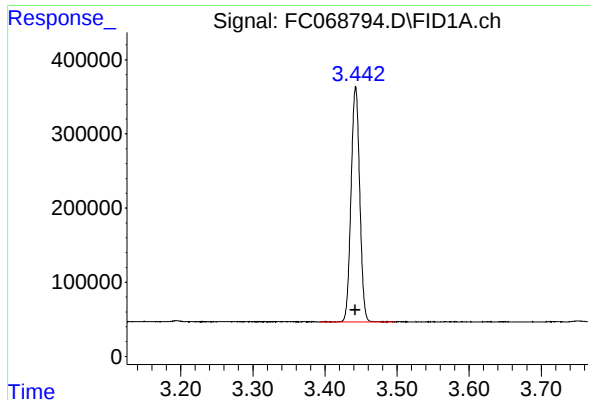
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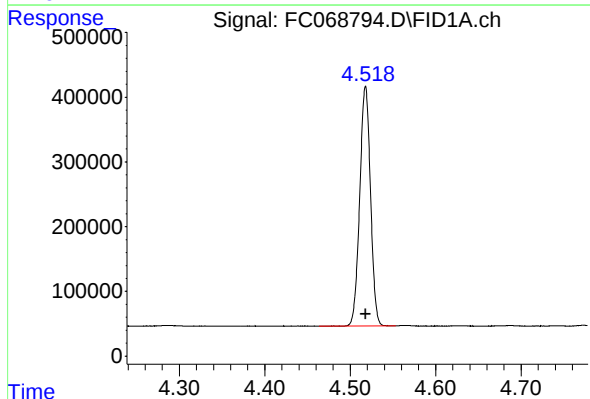




#1 n-Nonane (C9)

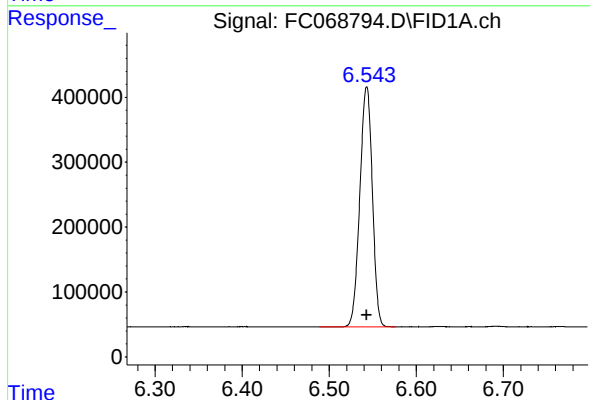
R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 2647696
Conc: 26.32 ug/ml

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FID_C
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PB167903BSD



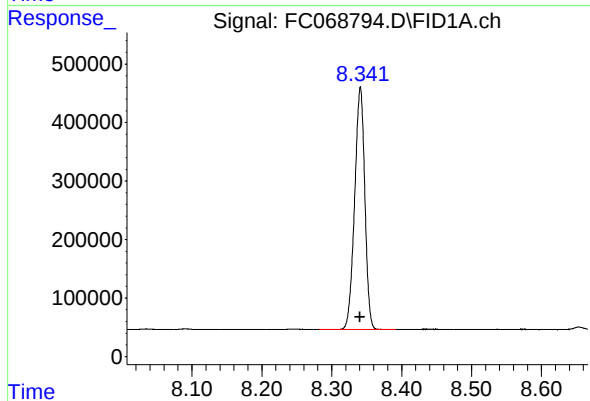
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 3237196
Conc: 32.49 ug/ml



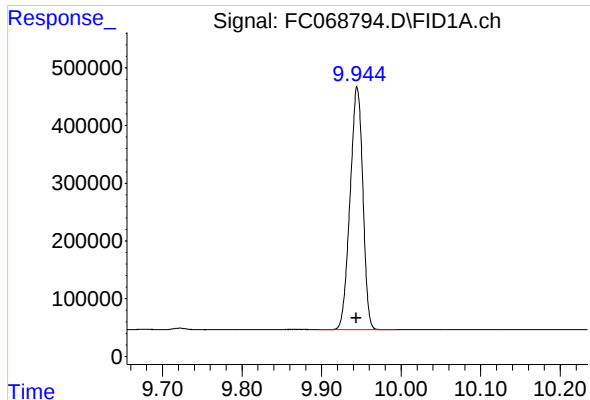
#4 n-Dodecane (C12)

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 3691655
Conc: 37.99 ug/ml



#6 n-Tetradecane (C14)

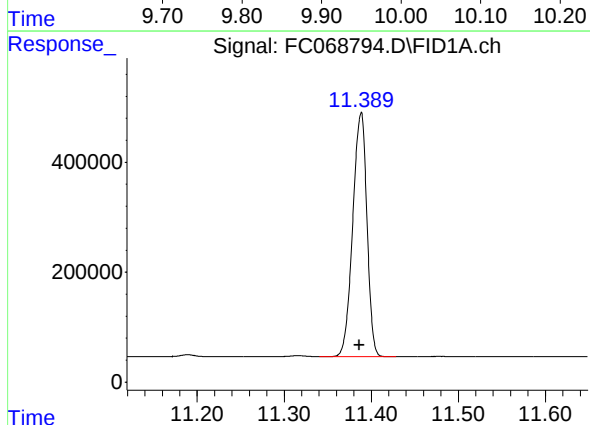
R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 4194991
Conc: 45.39 ug/ml



#7 n-Hexadecane (C16)

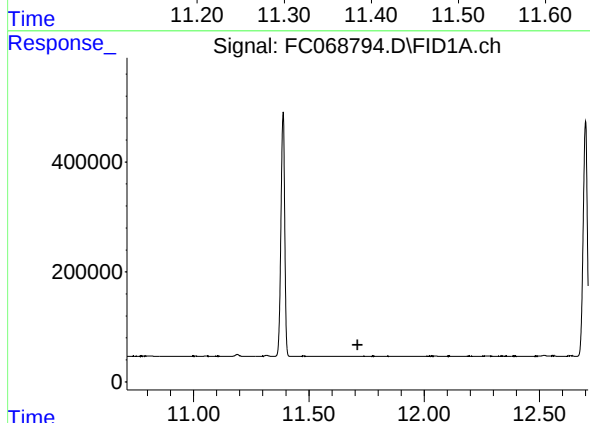
R.T.: 9.945 min
Delta R.T.: 0.001 min
Response: 4692854
Conc: 52.41 ug/ml

Instrument :
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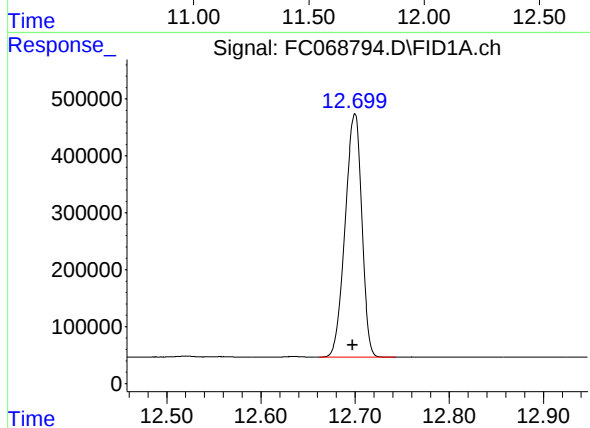
#8 n-Octadecane (C18)

R.T.: 11.388 min
Delta R.T.: 0.002 min
Response: 5017128
Conc: 57.20 ug/ml



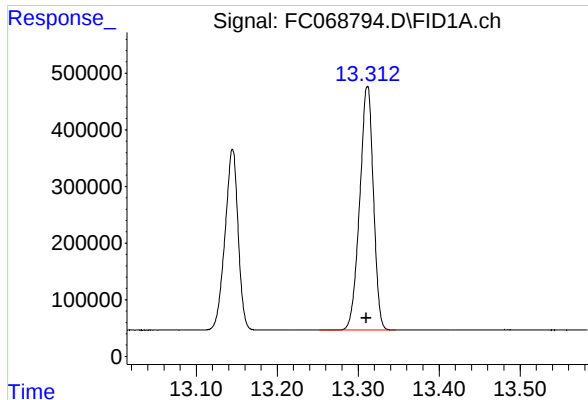
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.711 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

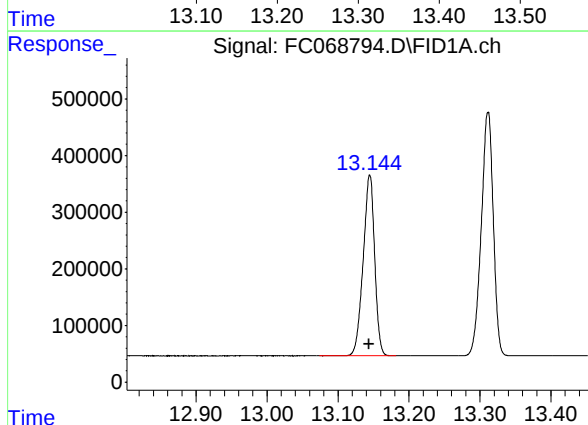
R.T.: 12.699 min
Delta R.T.: 0.002 min
Response: 5259189
Conc: 61.71 ug/ml



#11 n-Heneicosane (C21)

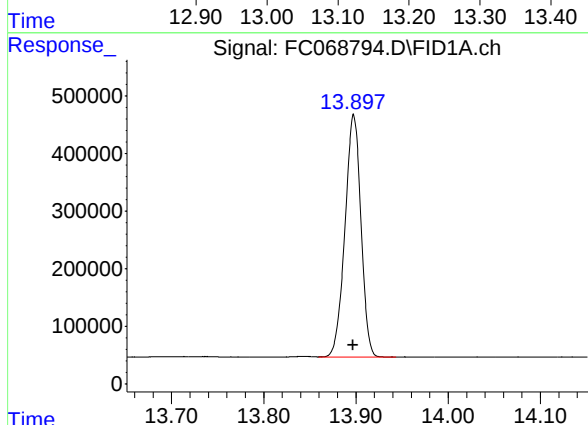
R.T.: 13.311 min
Delta R.T.: 0.001 min
Response: 5057612
Conc: 59.96 ug/ml

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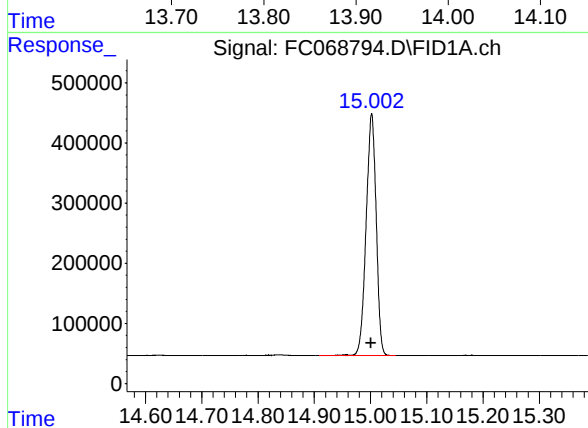
#12 1-chlorooctadecane (SURR)

R.T.: 13.145 min
Delta R.T.: 0.000 min
Response: 3590079
Conc: 44.75 ug/ml



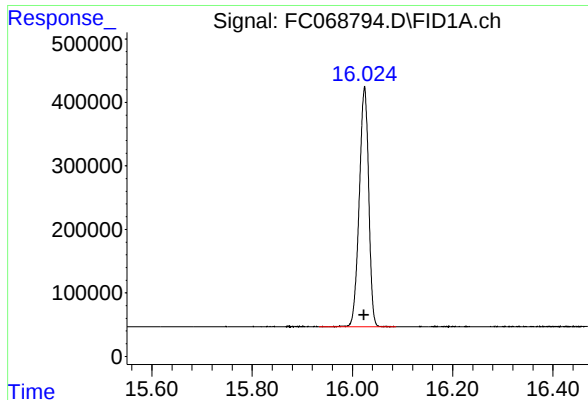
#13 n-Docosane (C22)

R.T.: 13.898 min
Delta R.T.: 0.000 min
Response: 5061922
Conc: 60.51 ug/ml



#14 n-Tetracosane (C24)

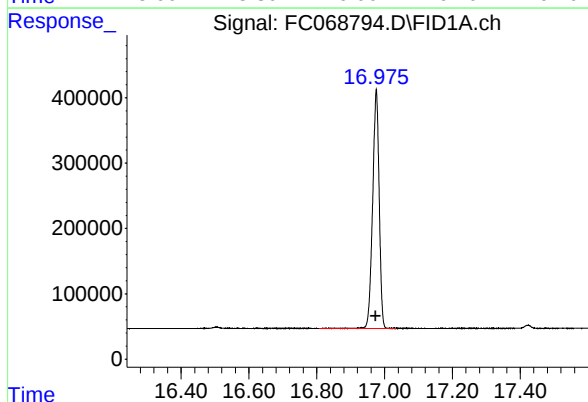
R.T.: 15.002 min
Delta R.T.: 0.001 min
Response: 4996084
Conc: 60.04 ug/ml



#15 n-Hexacosane (C26)

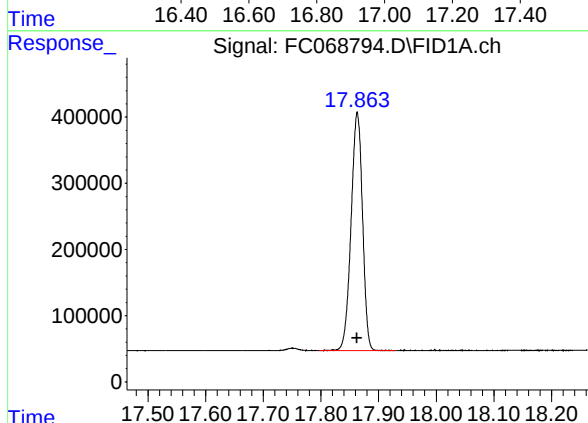
R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 4919234
Conc: 59.37 ug/ml

Instrument :
FID_C
ClientSampleId :
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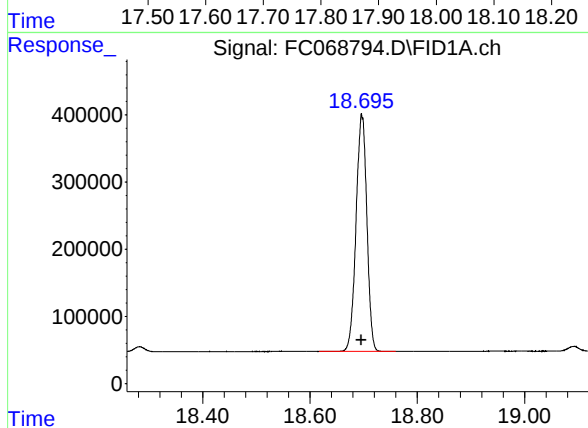
#16 n-Octacosane (C28)

R.T.: 16.976 min
Delta R.T.: 0.001 min
Response: 4878813
Conc: 59.03 ug/ml



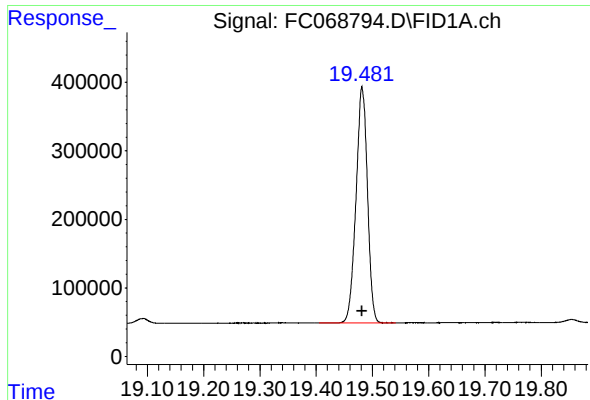
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 4961087
Conc: 58.63 ug/ml



#18 n-Dotriacontane (C32)

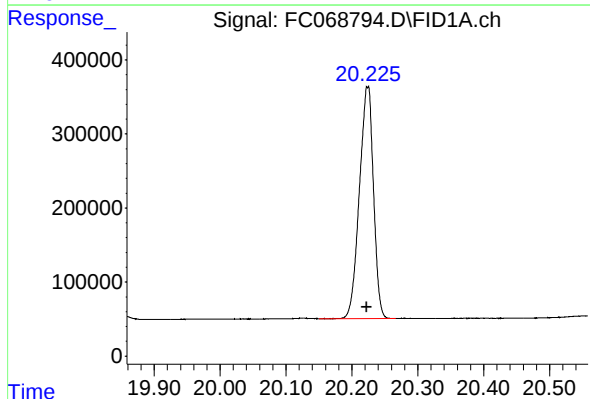
R.T.: 18.697 min
Delta R.T.: 0.001 min
Response: 4939966
Conc: 57.35 ug/ml



#19 n-Tetratriacontane (C34)

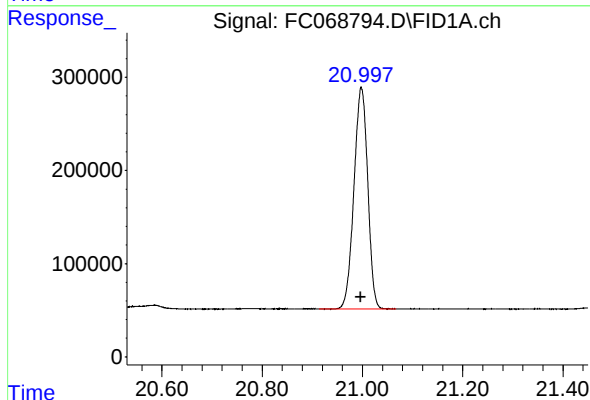
R.T.: 19.482 min
Delta R.T.: 0.000 min
Response: 4864425
Conc: 57.09 ug/ml

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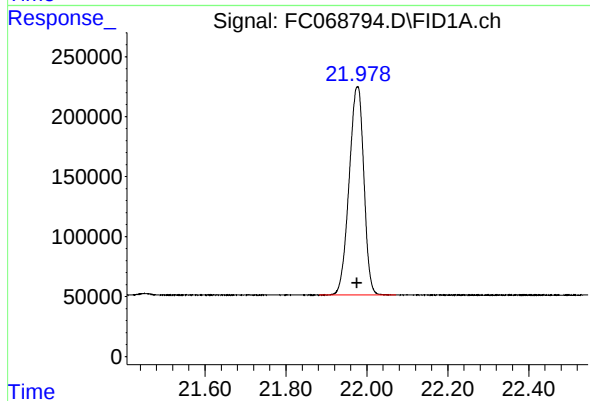
#20 n-Hexatriacontane (C36)

R.T.: 20.224 min
Delta R.T.: 0.001 min
Response: 4652516
Conc: 54.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min
Delta R.T.: 0.002 min
Response: 4530376
Conc: 54.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.001 min
Response: 4388059
Conc: 53.54 ug/ml