

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070224AL\
 Data File : FC066726.D
 Signal(s) : FID1A.ch
 Acq On : 03 Jul 2024 00:31
 Operator : YP/AJ
 Sample : P3141-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-129-SB02MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :Ankita Jodhani 07/08/2024

Integration File: autoint1.e
 Quant Time: Jul 03 09:35:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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...	12.965	4159930	30.149 ug/ml
Spiked Amount 50.000		Recovery =	60.30%
Target Compounds			
1) T n-Nonane (C9)	3.289	3555422	24.471 ug/ml
2) T n-Decane (C10)	4.356	4489034	30.095 ug/ml
4) T n-Dodecane (C12)	6.375	5299158	34.965 ug/ml
6) T n-Tetradecane (C14)	8.170	6346805	41.842 ug/ml
7) T n-Hexadecane (C16)	9.772	7024727	43.853 ug/ml
8) T n-Octadecane (C18)	11.214	7248502	43.685 ug/ml
10) T n-Eicosane (C20)	12.523	7177391	44.151 ug/ml
11) T n-Heneicosane (C21)	13.135	6911858	42.898 ug/ml
13) T n-Docosane (C22)	13.720	6815768	42.513 ug/ml
14) T n-Tetracosane (C24)	14.822	6648367	41.890 ug/ml
15) T n-Hexacosane (C26)	15.842	6356479	41.629 ug/ml
16) T n-Octacosane (C28)	16.791	6105660	42.328 ug/ml
17) T n-Tricontane (C30)	17.678	6028880	43.152 ug/ml
18) T n-Dotriacontane (C32)	18.510	5944298	45.042 ug/ml
19) T n-Tetratriacontane (C34)	19.293	5814579	47.015 ug/ml
20) T n-Hexatriacontane (C36)	20.033	5556438	46.104 ug/mlm
21) T n-Octatriacontane (C38)	20.761	5399349	47.218 ug/ml
22) T n-Tetracontane (C40)	21.658	4941907	44.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P3141-05MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

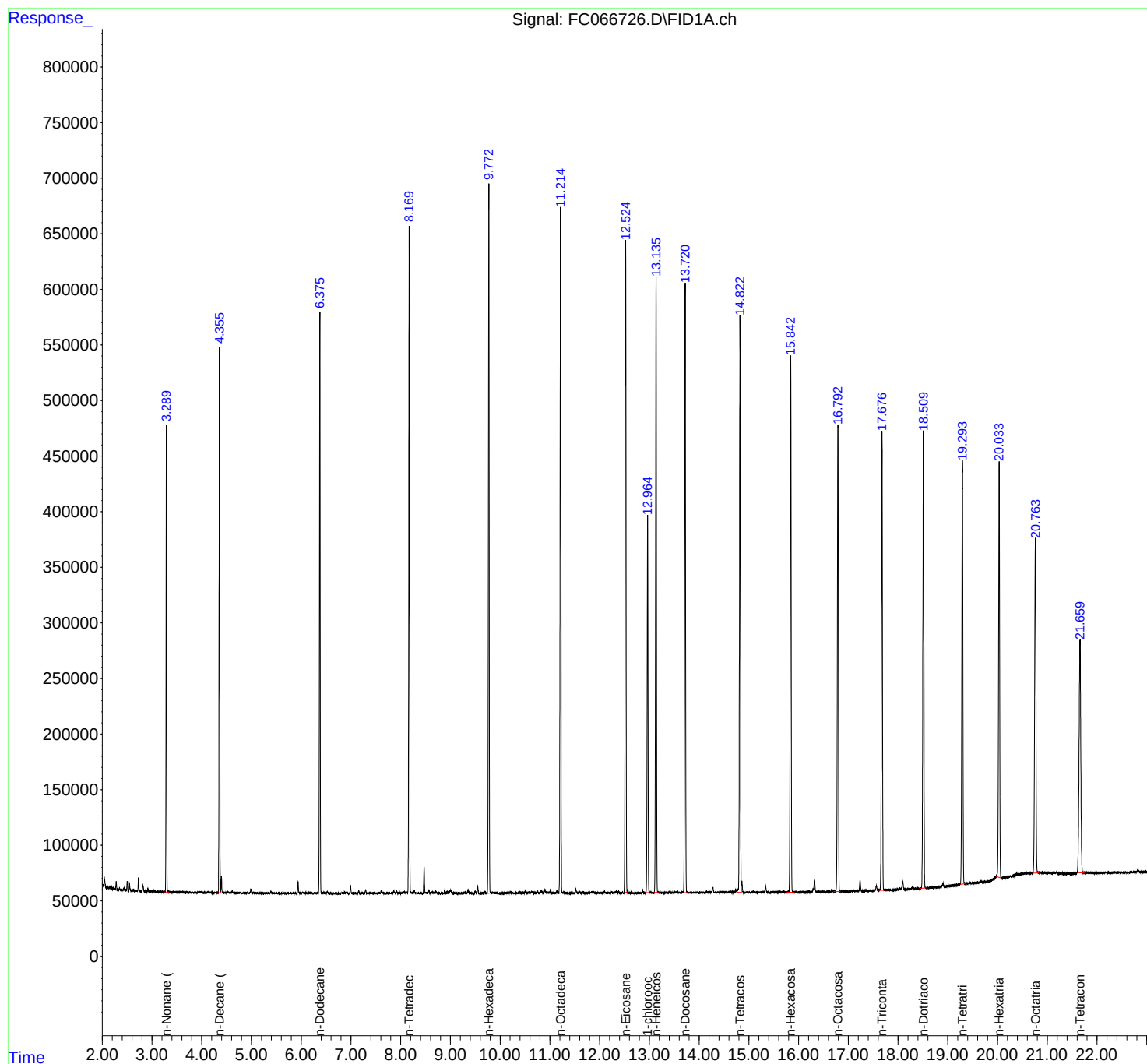
Instrument :
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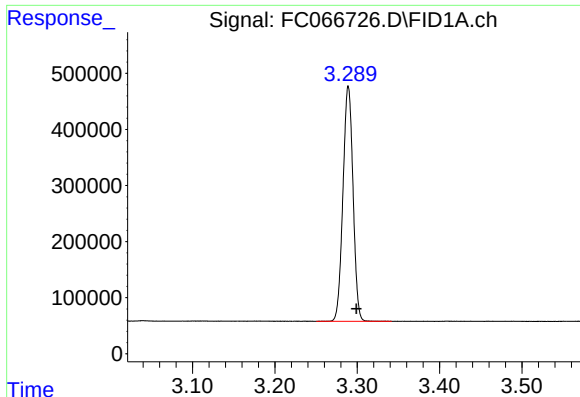
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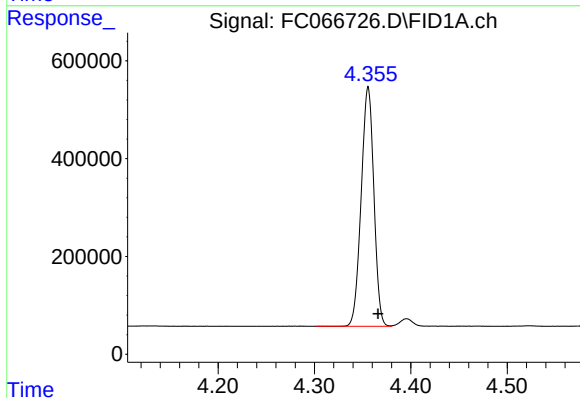
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 3555422
Conc: 24.47 ug/ml

Instrument :
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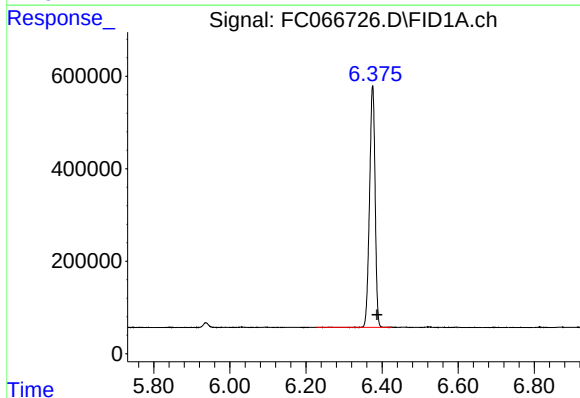
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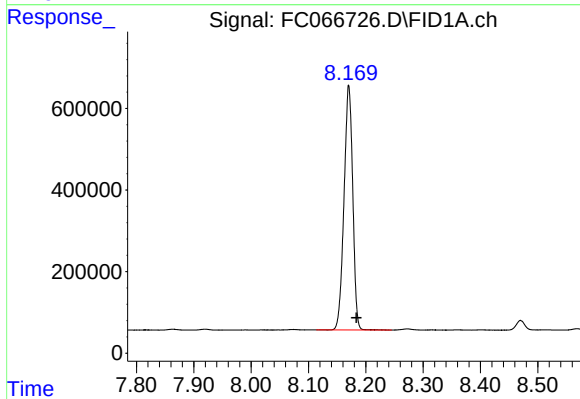
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.010 min
Response: 4489034
Conc: 30.10 ug/ml



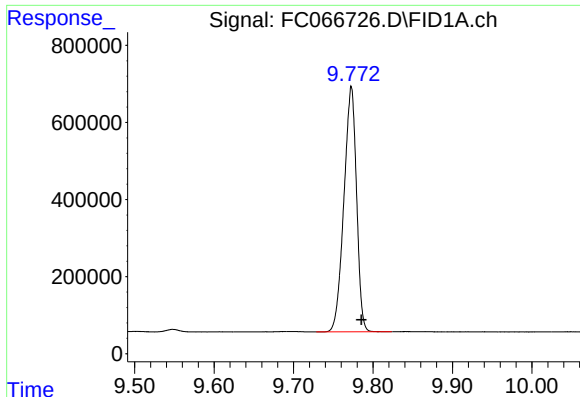
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 5299158
Conc: 34.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: -0.013 min
Response: 6346805
Conc: 41.84 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.013 min
Response: 7024727
Conc: 43.85 ug/ml

Instrument :

FID_C

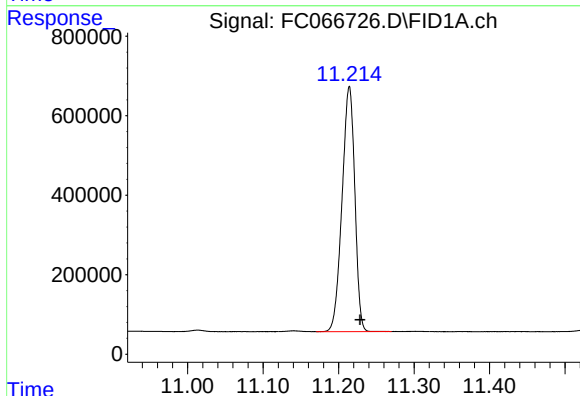
ClientSampleId :

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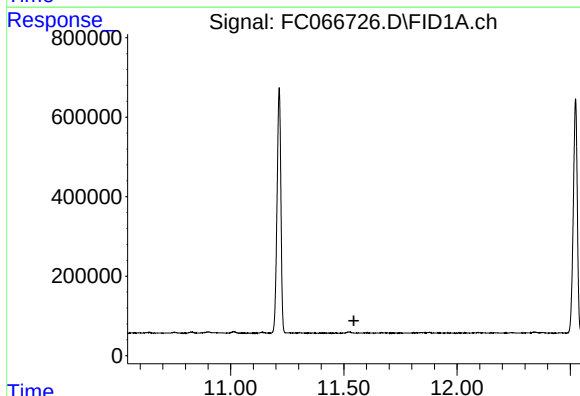
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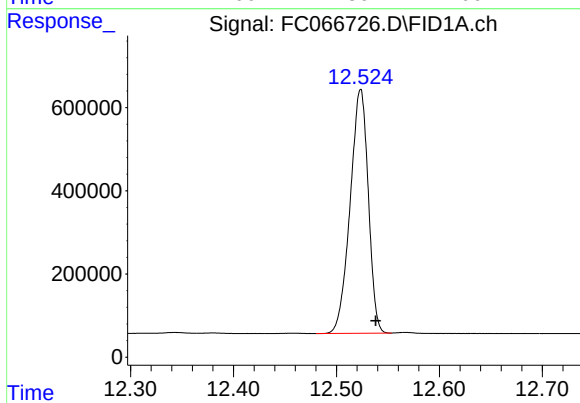
#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.014 min
Response: 7248502
Conc: 43.69 ug/ml



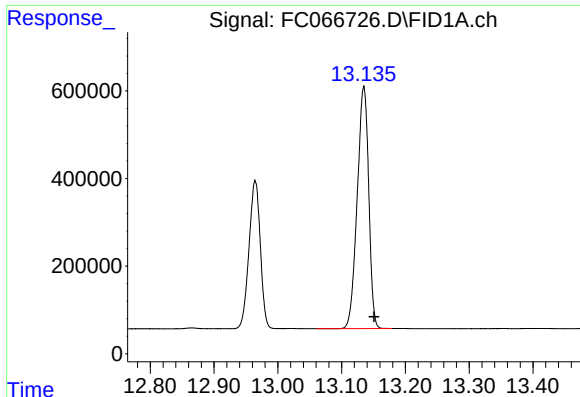
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.544 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: -0.015 min
Response: 7177391
Conc: 44.15 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.135 min
Delta R.T.: -0.016 min
Response: 6911858
Conc: 42.90 ug/ml

Instrument :

FID_C

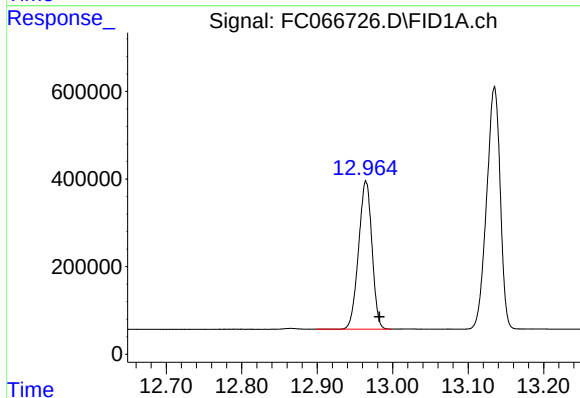
ClientSampleId :

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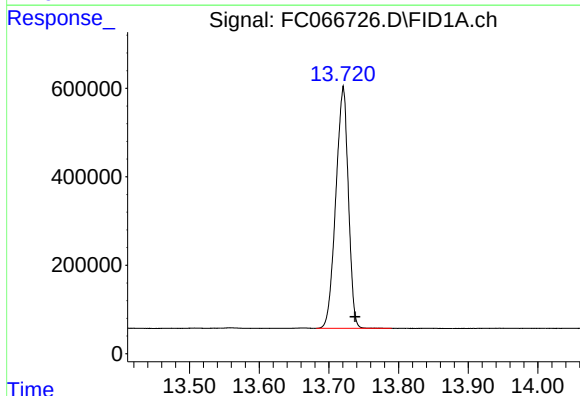
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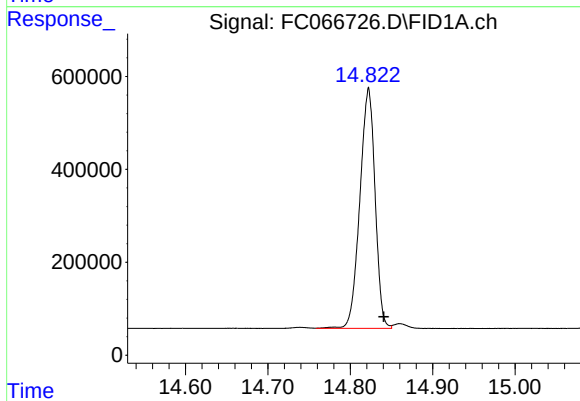
#12 1-chlorooctadecane (SURR)

R.T.: 12.965 min
Delta R.T.: -0.018 min
Response: 4159930
Conc: 30.15 ug/ml



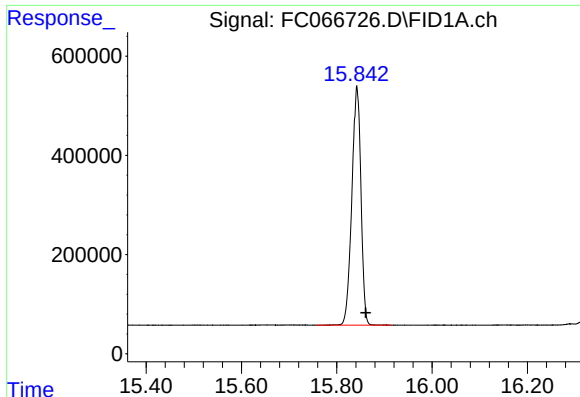
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.017 min
Response: 6815768
Conc: 42.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.018 min
Response: 6648367
Conc: 41.89 ug/ml



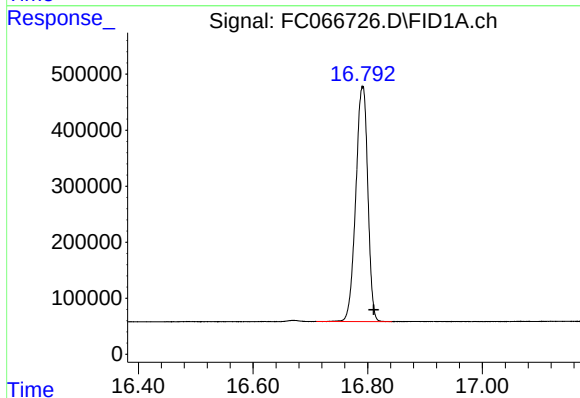
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.018 min
Response: 6356479
Conc: 41.63 ug/ml

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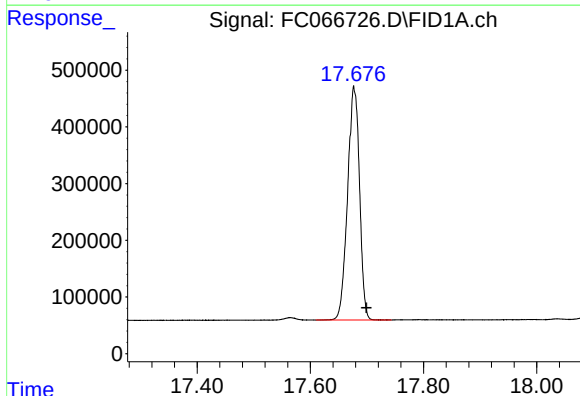
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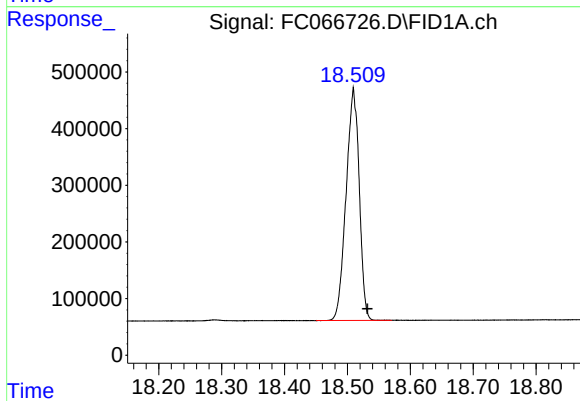
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.020 min
Response: 6105660
Conc: 42.33 ug/ml



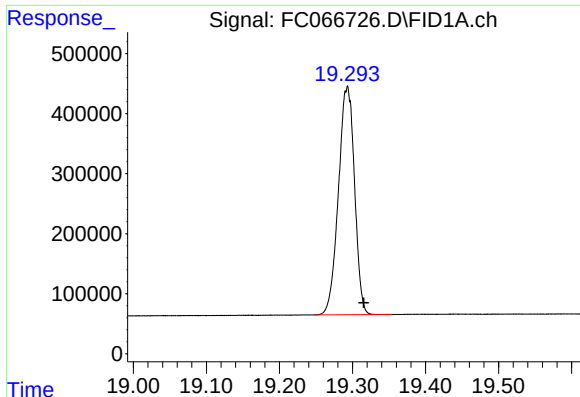
#17 n-Tricontane (C30)

R.T.: 17.678 min
Delta R.T.: -0.021 min
Response: 6028880
Conc: 43.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.022 min
Response: 5944298
Conc: 45.04 ug/ml



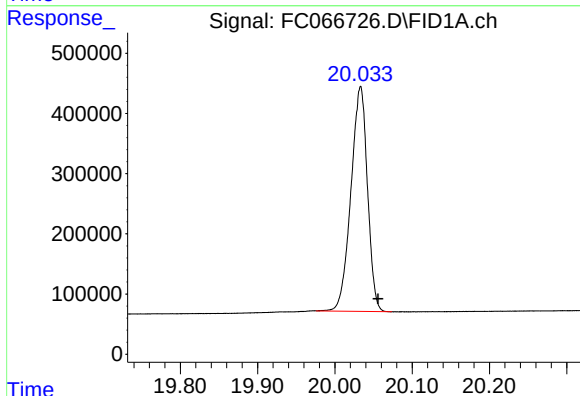
#19 n-Tetratriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.023 min
Response: 5814579
Conc: 47.02 ug/ml

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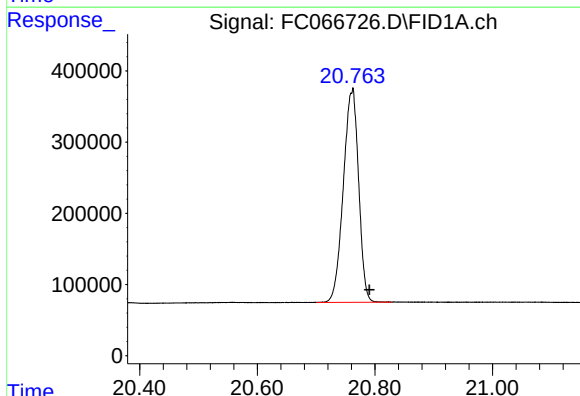
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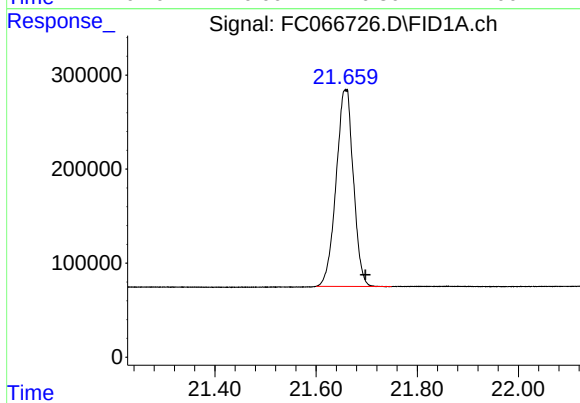
#20 n-Hexatriacontane (C36)

R.T.: 20.033 min
Delta R.T.: -0.023 min
Response: 5556438
Conc: 46.10 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: -0.030 min
Response: 5399349
Conc: 47.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: -0.039 min
Response: 4941907
Conc: 44.00 ug/ml