

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070224AL\
 Data File : FC066725.D
 Signal(s) : FID1A.ch
 Acq On : 02 Jul 2024 23:54
 Operator : YP/AJ
 Sample : P3141-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-129-SB02MS

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 09:33:49 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...	12.964	4191424	30.377 ug/ml
Spiked Amount 50.000		Recovery =	60.75%
Target Compounds			
1) T n-Nonane (C9)	3.289	3562823	24.521 ug/ml
2) T n-Decane (C10)	4.356	4501440	30.178 ug/ml
4) T n-Dodecane (C12)	6.375	5296674	34.948 ug/ml
6) T n-Tetradecane (C14)	8.171	6346542	41.840 ug/ml
7) T n-Hexadecane (C16)	9.772	7006344	43.739 ug/ml
8) T n-Octadecane (C18)	11.213	7205898	43.429 ug/ml
10) T n-Eicosane (C20)	12.522	7121881	43.809 ug/ml
11) T n-Heneicosane (C21)	13.134	6871217	42.646 ug/ml
13) T n-Docosane (C22)	13.720	6760531	42.168 ug/ml
14) T n-Tetracosane (C24)	14.822	6591052	41.529 ug/ml
15) T n-Hexacosane (C26)	15.842	6300038	41.259 ug/ml
16) T n-Octacosane (C28)	16.791	6054083	41.970 ug/ml
17) T n-Tricontane (C30)	17.679	5977790	42.786 ug/ml
18) T n-Dotriacontane (C32)	18.511	5888295	44.618 ug/ml
19) T n-Tetratriacontane (C34)	19.293	5760612	46.579 ug/ml
20) T n-Hexatriacontane (C36)	20.034	5468422	45.374 ug/mlm
21) T n-Octatriacontane (C38)	20.761	5300201	46.351 ug/ml
22) T n-Tetracontane (C40)	21.659	4812041	42.846 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P3141-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

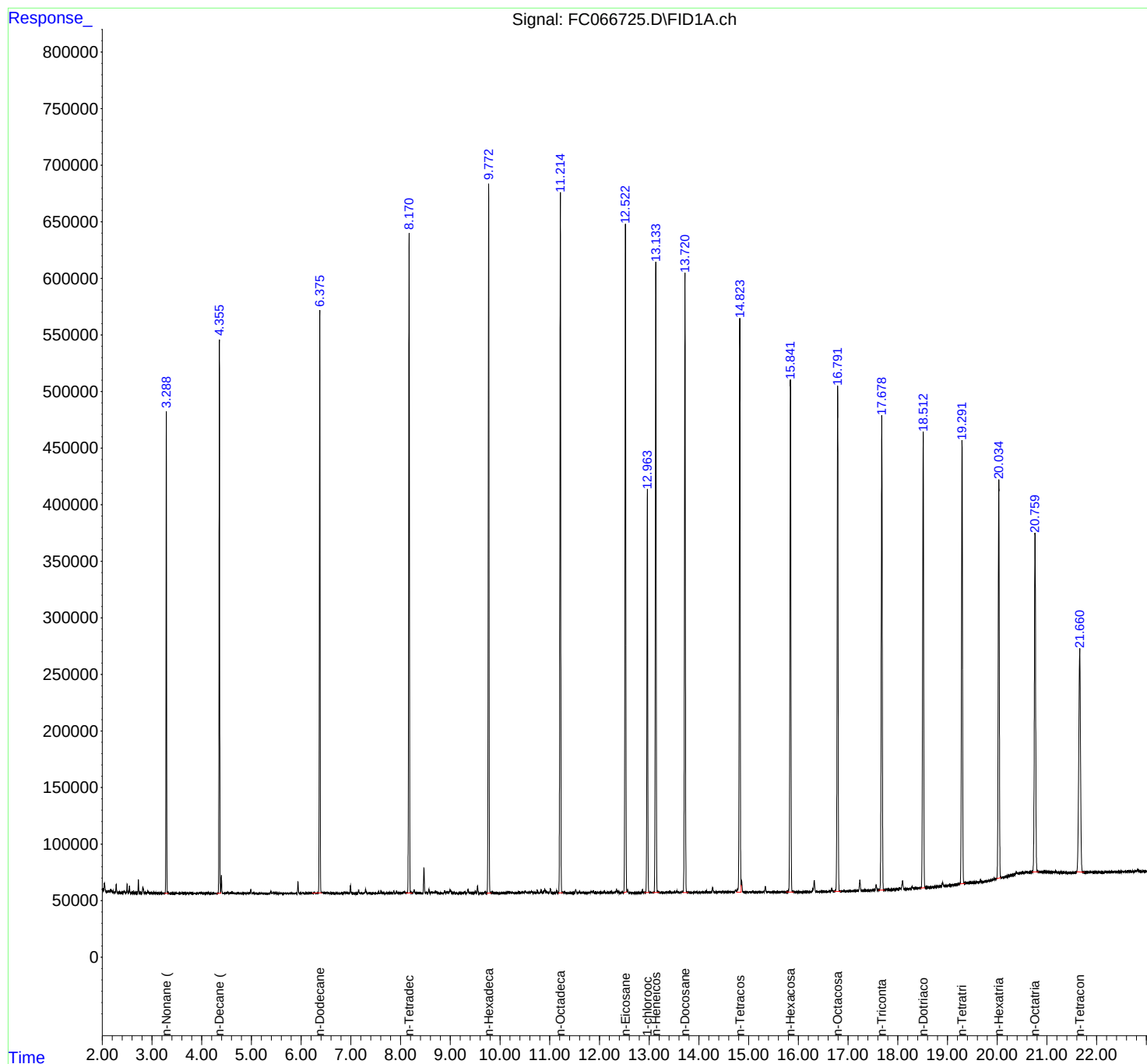
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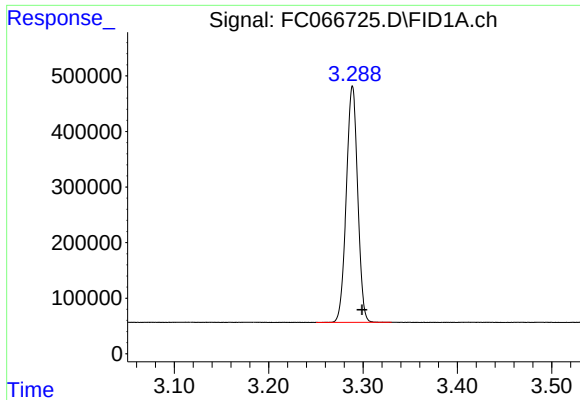
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#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.010 min
Response: 3562823
Conc: 24.52 ug/ml

Instrument :

FID_C

ClientSampleId :

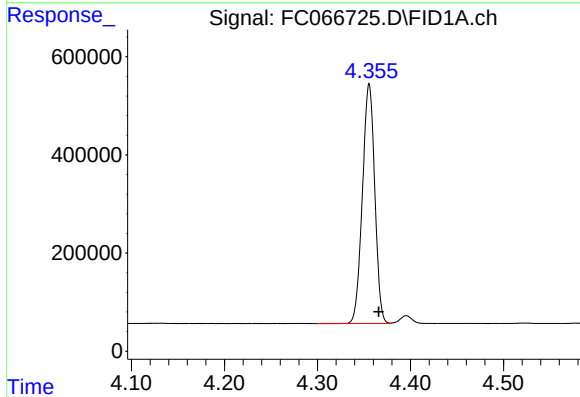
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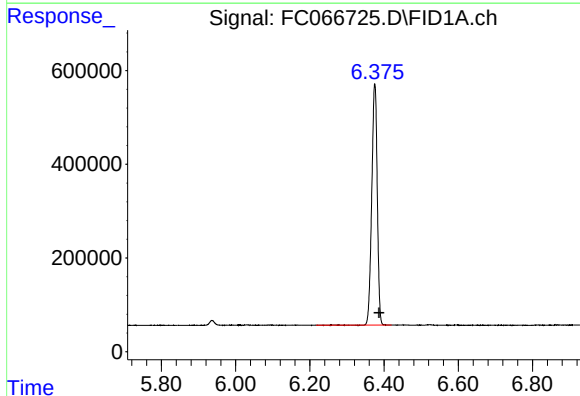
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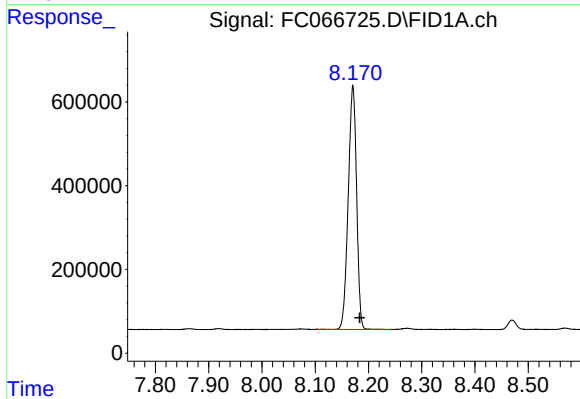
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: -0.010 min
Response: 4501440
Conc: 30.18 ug/ml



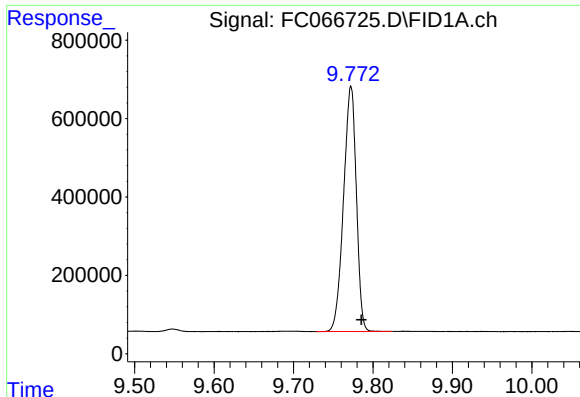
#4 n-Dodecane (C12)

R.T.: 6.375 min
Delta R.T.: -0.012 min
Response: 5296674
Conc: 34.95 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.171 min
Delta R.T.: -0.013 min
Response: 6346542
Conc: 41.84 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.772 min
Delta R.T.: -0.013 min
Response: 7006344
Conc: 43.74 ug/ml

Instrument :

FID_C

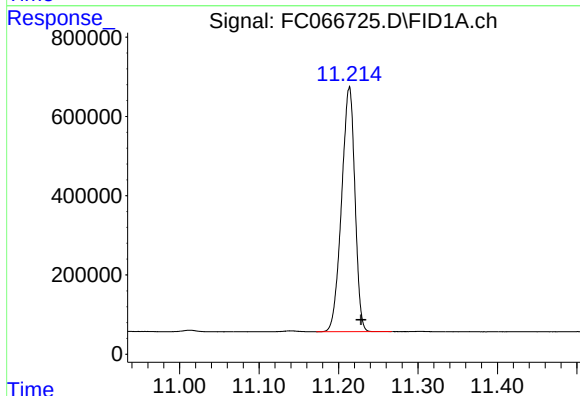
ClientSampleId :

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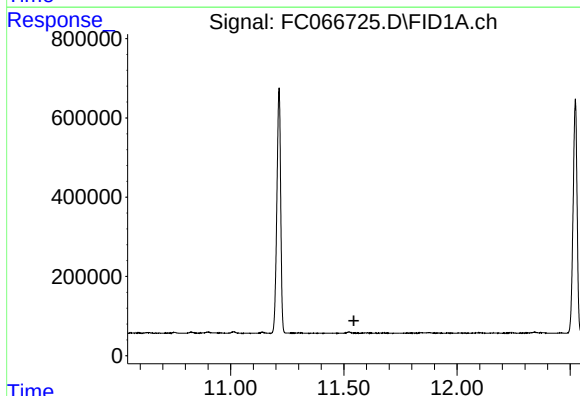
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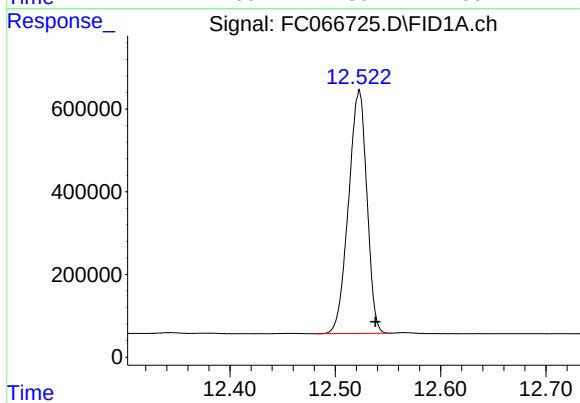
#8 n-Octadecane (C18)

R.T.: 11.213 min
Delta R.T.: -0.015 min
Response: 7205898
Conc: 43.43 ug/ml



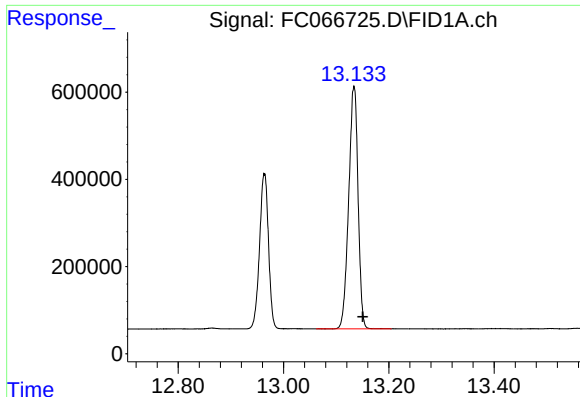
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

R.T.: 12.522 min
Delta R.T.: -0.016 min
Response: 7121881
Conc: 43.81 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: -0.017 min
Response: 6871217
Conc: 42.65 ug/ml

Instrument :

FID_C

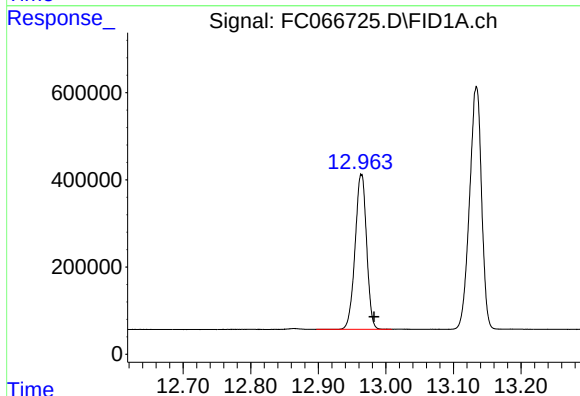
ClientSampleId :

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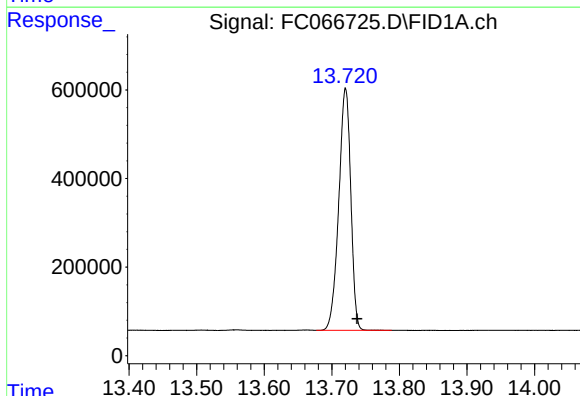
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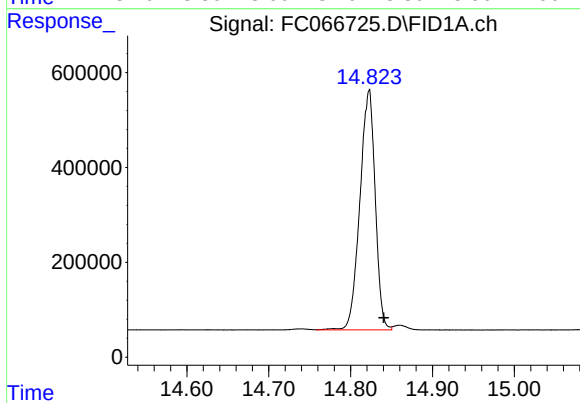
#12 1-chlorooctadecane (SURR)

R.T.: 12.964 min
Delta R.T.: -0.019 min
Response: 4191424
Conc: 30.38 ug/ml



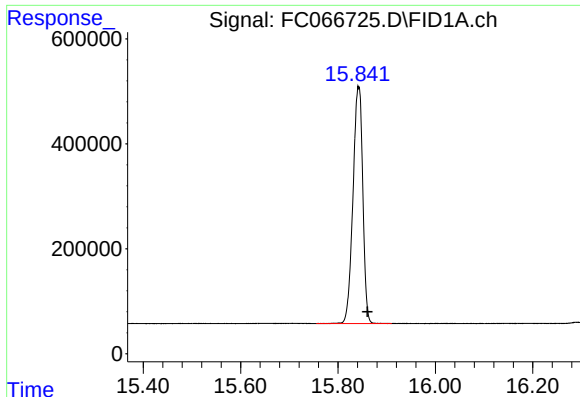
#13 n-Docosane (C22)

R.T.: 13.720 min
Delta R.T.: -0.017 min
Response: 6760531
Conc: 42.17 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: -0.018 min
Response: 6591052
Conc: 41.53 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.019 min
Response: 6300038
Conc: 41.26 ug/ml

Instrument :

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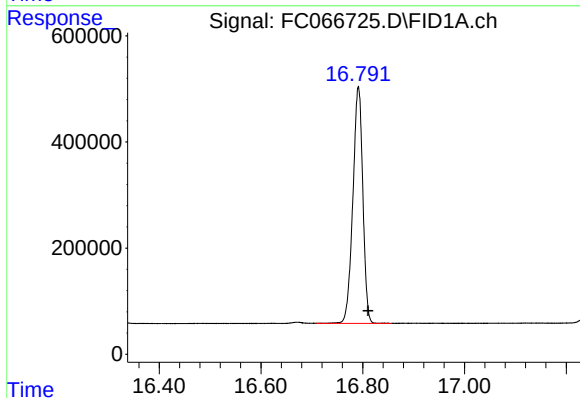
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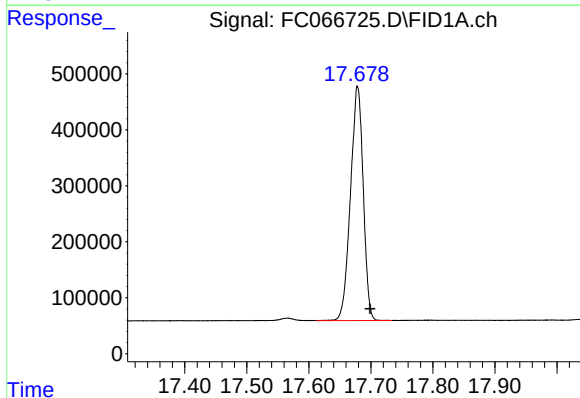
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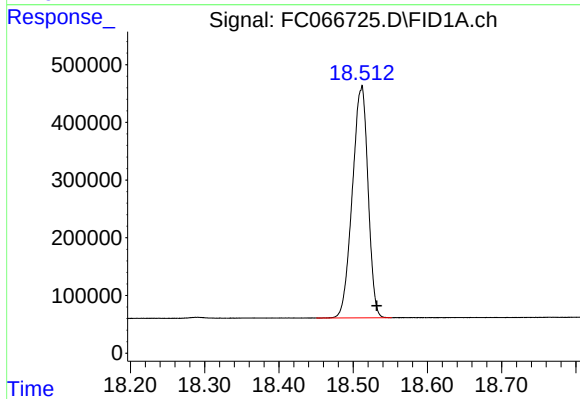
#16 n-Octacosane (C28)

R.T.: 16.791 min
Delta R.T.: -0.019 min
Response: 6054083
Conc: 41.97 ug/ml



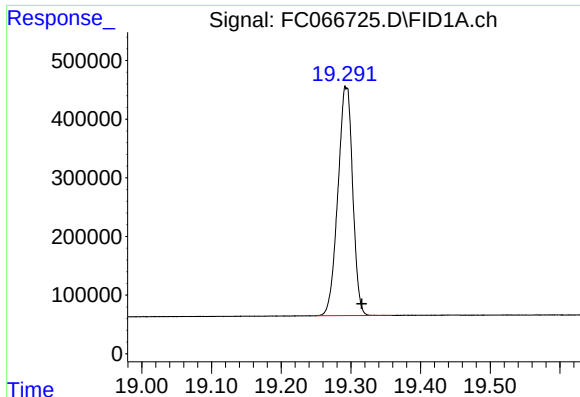
#17 n-Tricontane (C30)

R.T.: 17.679 min
Delta R.T.: -0.020 min
Response: 5977790
Conc: 42.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.511 min
Delta R.T.: -0.021 min
Response: 5888295
Conc: 44.62 ug/ml



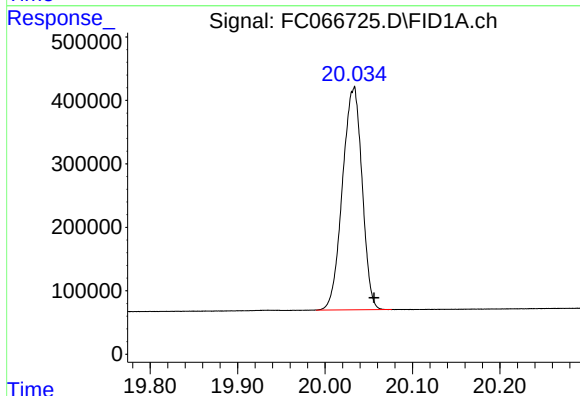
#19 n-Tetratriacontane (C34)

R.T.: 19.293 min
Delta R.T.: -0.022 min
Response: 5760612
Conc: 46.58 ug/ml

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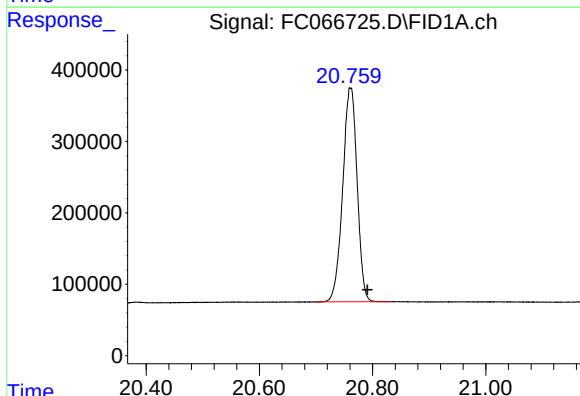
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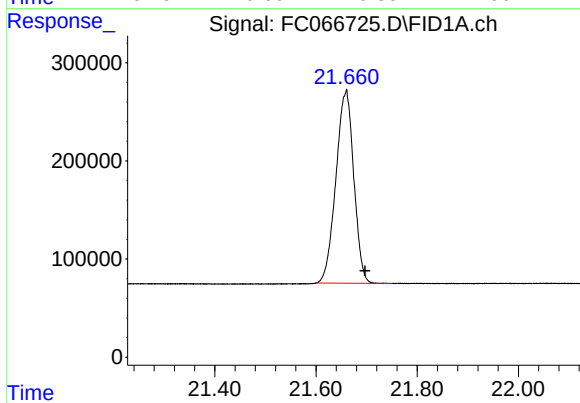
#20 n-Hexatriacontane (C36)

R.T.: 20.034 min
Delta R.T.: -0.022 min
Response: 5468422
Conc: 45.37 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: -0.030 min
Response: 5300201
Conc: 46.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.659 min
Delta R.T.: -0.038 min
Response: 4812041
Conc: 42.85 ug/ml