

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032124AL\
 Data File : FC066082.D
 Signal(s) : FID1A.ch
 Acq On : 21 Mar 2024 20:01
 Operator : YP/AJ
 Sample : P1814-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 01:14:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 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...	12.900	4946272	33.927 ug/ml
Spiked Amount 50.000		Recovery =	67.85%
Target Compounds			
1) T n-Nonane (C9)	3.279	3547298	21.232 ug/ml
2) T n-Decane (C10)	4.339	4332361	24.980 ug/ml
4) T n-Dodecane (C12)	6.347	4950927	28.095 ug/ml
6) T n-Tetradecane (C14)	8.133	5292708	30.436 ug/ml
7) T n-Hexadecane (C16)	9.726	5854978	32.773 ug/ml
8) T n-Octadecane (C18)	11.159	6205619	34.141 ug/ml
10) T n-Eicosane (C20)	12.458	6407592	36.696 ug/ml
11) T n-Heneicosane (C21)	13.066	6310449	36.397 ug/ml
13) T n-Docosane (C22)	13.647	6329540	36.803 ug/ml
14) T n-Tetracosane (C24)	14.742	6342027	37.132 ug/ml
15) T n-Hexacosane (C26)	15.756	6410962	38.072 ug/ml
16) T n-Octacosane (C28)	16.699	6495887	39.070 ug/ml
17) T n-Tricontane (C30)	17.579	6631176	38.838 ug/ml
18) T n-Dotriacontane (C32)	18.404	6528196	38.726 ug/mlm
19) T n-Tetratriacontane (C34)	19.185	6557427	40.010 ug/mlm
20) T n-Hexatriacontane (C36)	19.919	6352250	39.952 ug/mlm
21) T n-Octatriacontane (C38)	20.628	6245631	39.873 ug/ml
22) T n-Tetracontane (C40)	21.483	6048424	38.248 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P1814-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

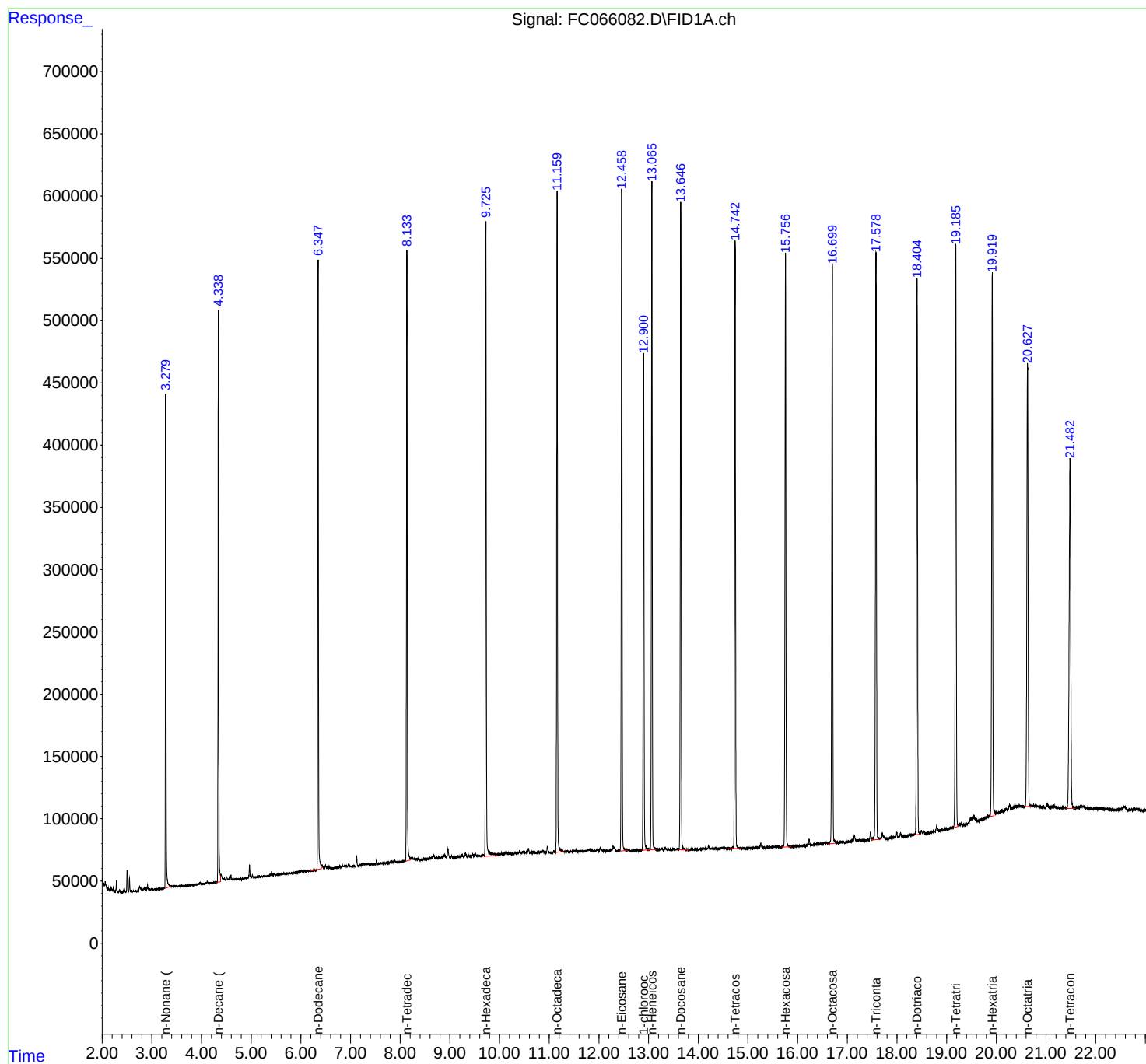
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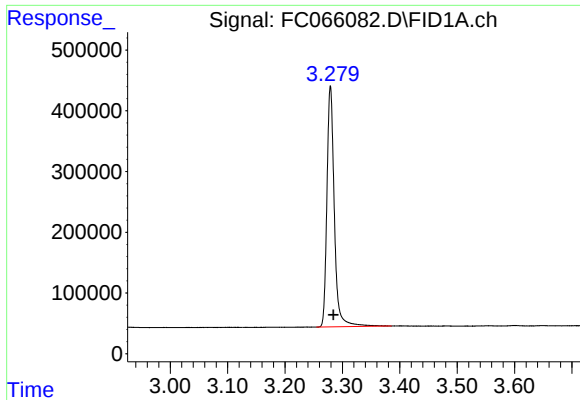
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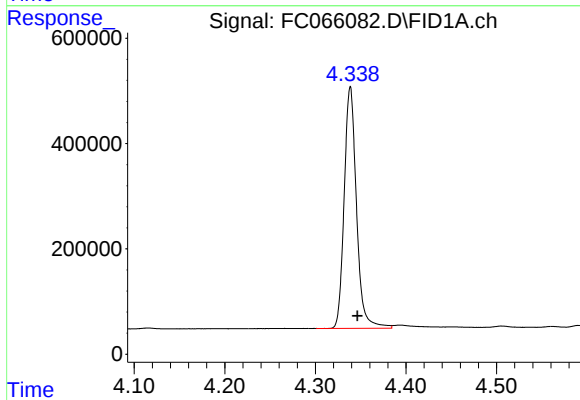
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.005 min
Response: 3547298
Conc: 21.23 ug/ml

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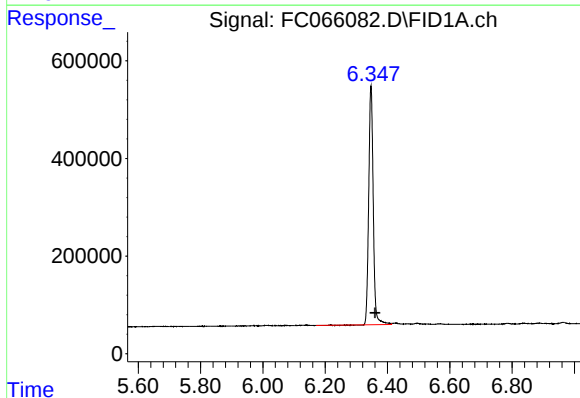
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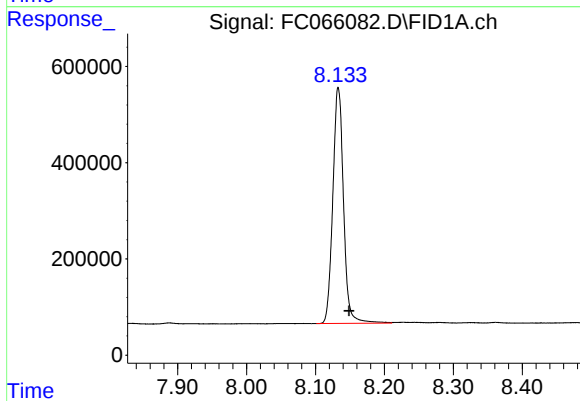
#2 n-Decane (C10)

R.T.: 4.339 min
Delta R.T.: -0.008 min
Response: 4332361
Conc: 24.98 ug/ml



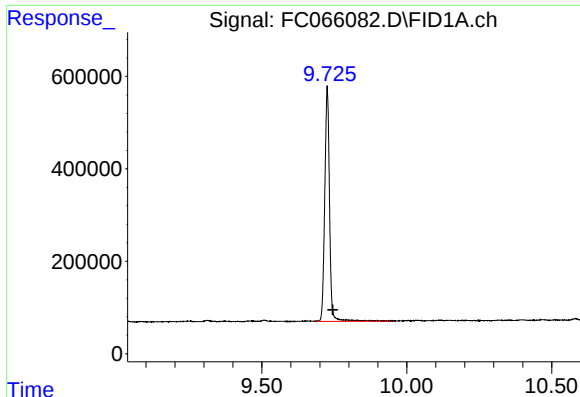
#4 n-Dodecane (C12)

R.T.: 6.347 min
Delta R.T.: -0.013 min
Response: 4950927
Conc: 28.09 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: -0.016 min
Response: 5292708
Conc: 30.44 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.726 min
Delta R.T.: -0.018 min
Response: 5854978
Conc: 32.77 ug/ml

Instrument :

FID_C

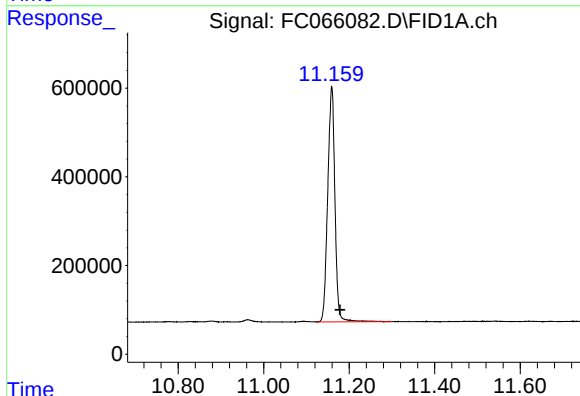
ClientSampleId :

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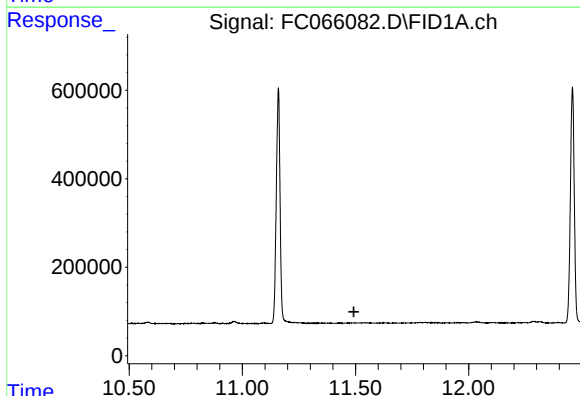
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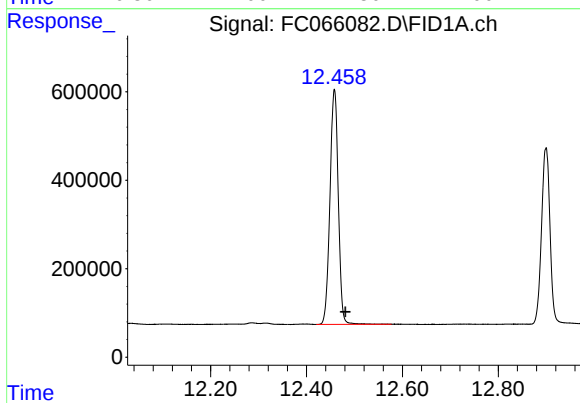
#8 n-Octadecane (C18)

R.T.: 11.159 min
Delta R.T.: -0.020 min
Response: 6205619
Conc: 34.14 ug/ml



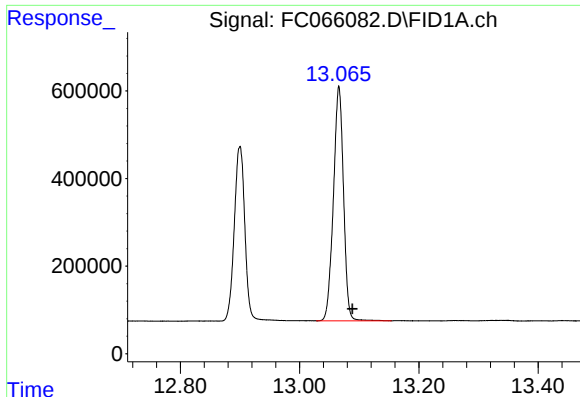
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: -0.023 min
Response: 6407592
Conc: 36.70 ug/ml



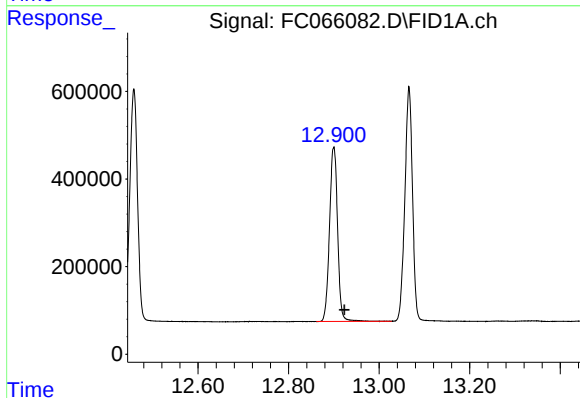
#11 n-Heneicosane (C21)

R.T.: 13.066 min
Delta R.T.: -0.023 min
Response: 6310449
Conc: 36.40 ug/ml

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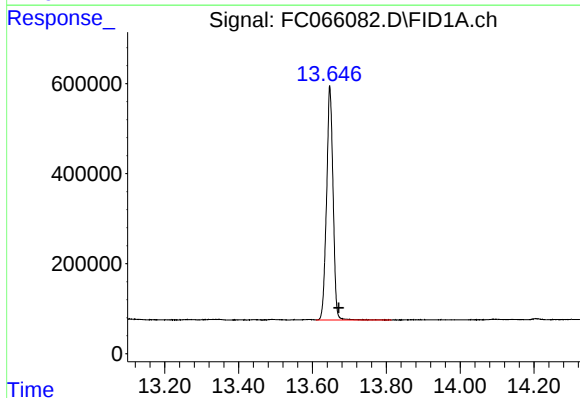
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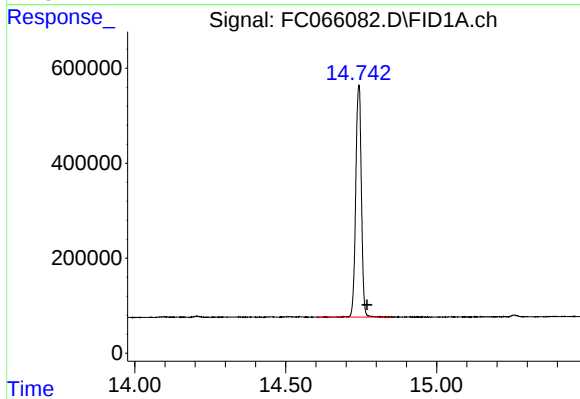
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: -0.024 min
Response: 4946272
Conc: 33.93 ug/ml



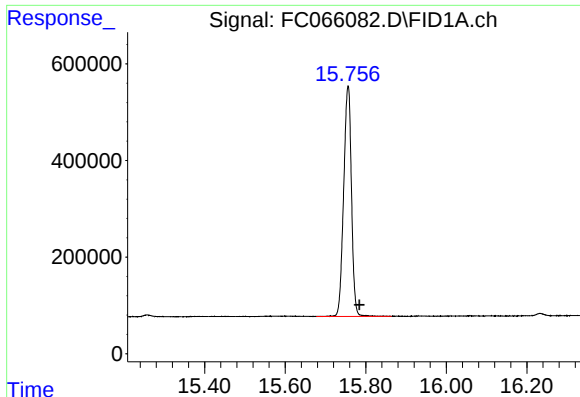
#13 n-Docosane (C22)

R.T.: 13.647 min
Delta R.T.: -0.024 min
Response: 6329540
Conc: 36.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.742 min
Delta R.T.: -0.027 min
Response: 6342027
Conc: 37.13 ug/ml



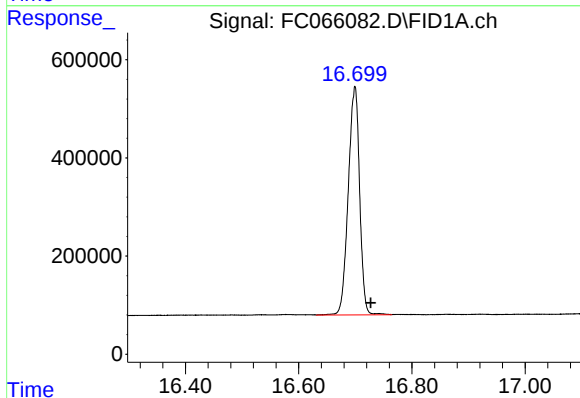
#15 n-Hexacosane (C26)

R.T.: 15.756 min
Delta R.T.: -0.028 min
Response: 6410962
Conc: 38.07 ug/ml

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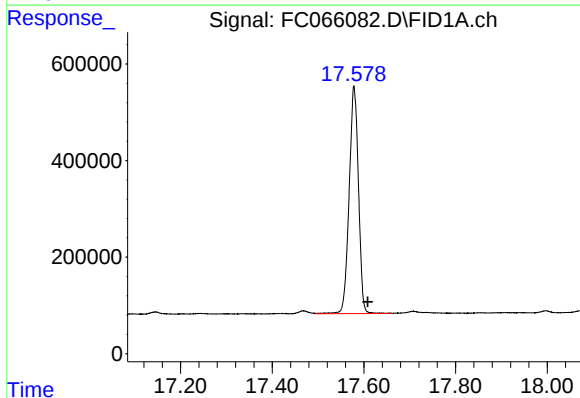
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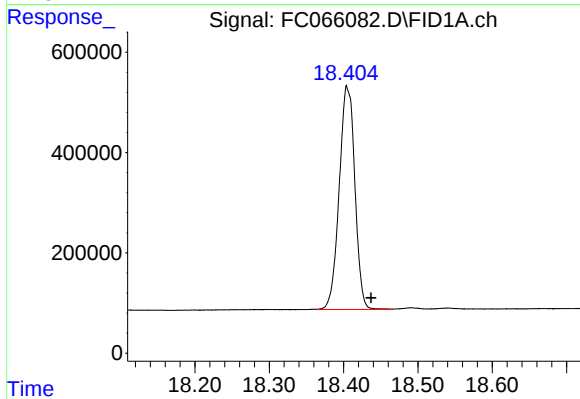
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.028 min
Response: 6495887
Conc: 39.07 ug/ml



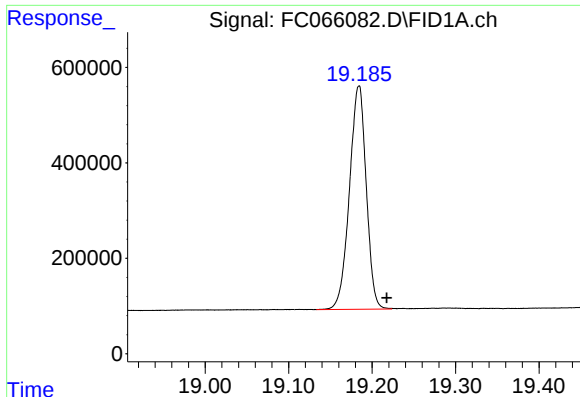
#17 n-Tricontane (C30)

R.T.: 17.579 min
Delta R.T.: -0.030 min
Response: 6631176
Conc: 38.84 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.404 min
Delta R.T.: -0.033 min
Response: 6528196
Conc: 38.73 ug/ml m



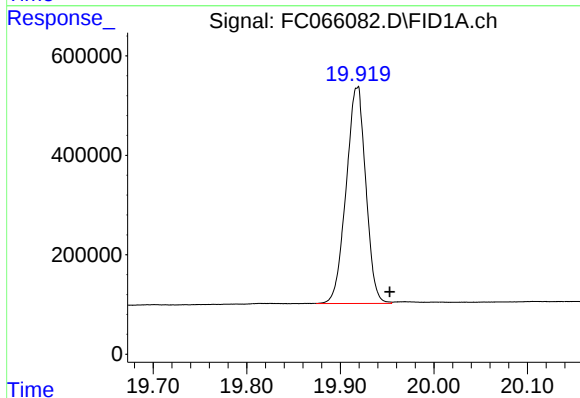
#19 n-Tetratriacontane (C34)

R.T.: 19.185 min
Delta R.T.: -0.033 min
Response: 6557427
Conc: 40.01 ug/ml

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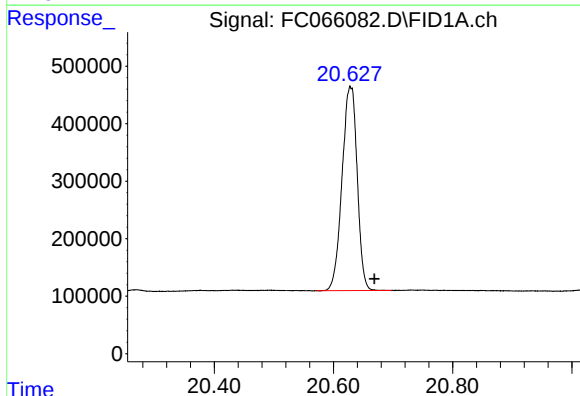
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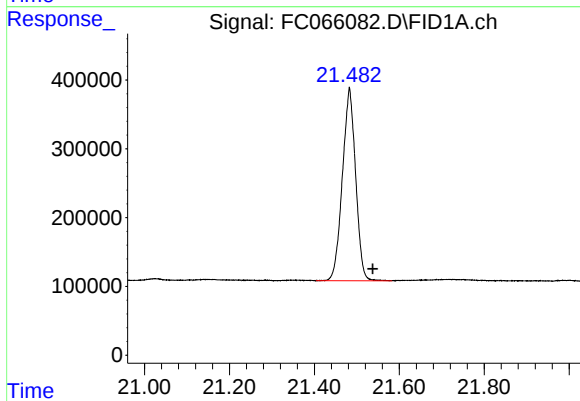
#20 n-Hexatriacontane (C36)

R.T.: 19.919 min
Delta R.T.: -0.033 min
Response: 6352250
Conc: 39.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.628 min
Delta R.T.: -0.040 min
Response: 6245631
Conc: 39.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.483 min
Delta R.T.: -0.054 min
Response: 6048424
Conc: 38.25 ug/ml