

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071624AL\
 Data File : FC066805.D
 Signal(s) : FID1A.ch
 Acq On : 16 Jul 2024 17:02
 Operator : YP/AJ
 Sample : P3245-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-CTW2-BL-EPH-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2024
 Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e
 Quant Time: Jul 17 01:36:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:58:41 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...	12.961	2529582	22.623 ug/ml
Spiked Amount 50.000		Recovery =	45.25%
Target Compounds			
1) T n-Nonane (C9)	3.287	2672434	18.834 ug/ml
2) T n-Decane (C10)	4.353	3421120	23.143 ug/ml
4) T n-Dodecane (C12)	6.372	3833750	25.572 ug/ml
6) T n-Tetradecane (C14)	8.167	4121119	28.167 ug/ml
7) T n-Hexadecane (C16)	9.768	4487503	29.983 ug/ml
8) T n-Octadecane (C18)	11.210	4720018	31.807 ug/ml
10) T n-Eicosane (C20)	12.519	4745076	34.043 ug/ml
11) T n-Heneicosane (C21)	13.131	4535914	33.301 ug/ml
13) T n-Docosane (C22)	13.717	4494038	33.458 ug/ml
14) T n-Tetracosane (C24)	14.816	4369287	32.849 ug/mlm
15) T n-Hexacosane (C26)	15.839	4289542	32.967 ug/ml
16) T n-Octacosane (C28)	16.787	4182020	33.150 ug/mlm
17) T n-Tricontane (C30)	17.675	4183299	32.531 ug/mlm
18) T n-Dotriacontane (C32)	18.508	4181637	33.216 ug/ml
19) T n-Tetratriacontane (C34)	19.292	4138001	33.448 ug/ml
20) T n-Hexatriacontane (C36)	20.030	3933880	33.818 ug/ml
21) T n-Octatriacontane (C38)	20.760	3881094	34.931 ug/ml
22) T n-Tetracontane (C40)	21.658	3595228	33.071 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

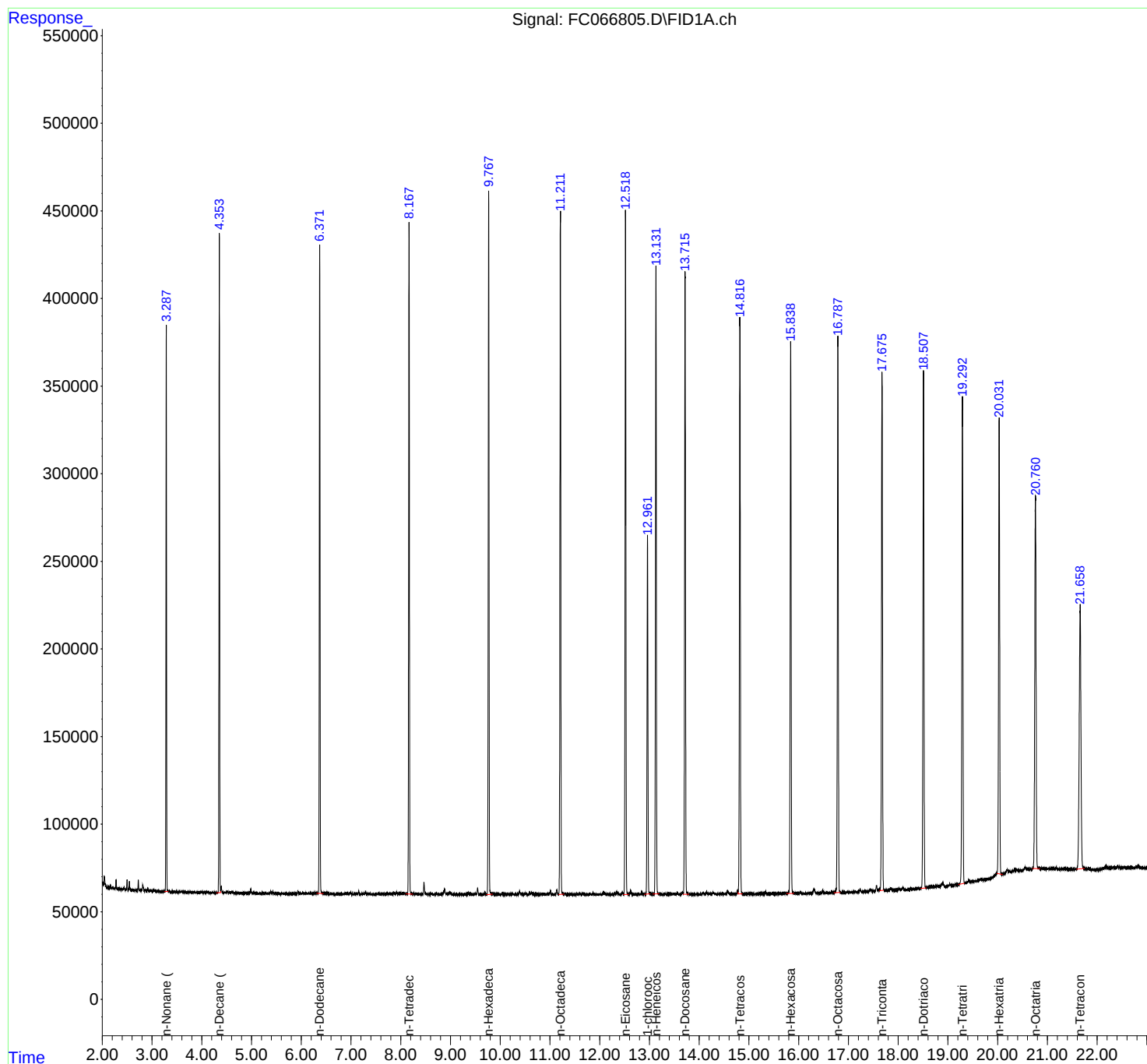
Instrument :
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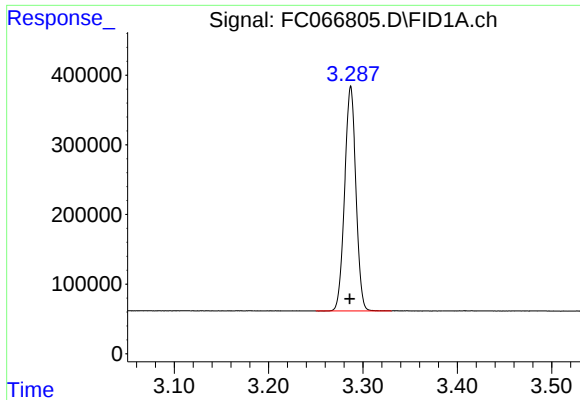
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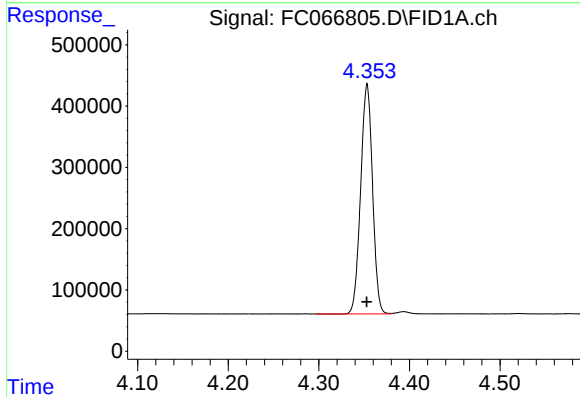
#1 n-Nonane (C9)

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 2672434
Conc: 18.83 ug/ml

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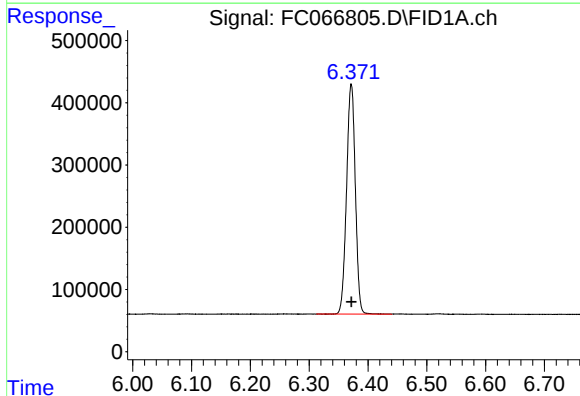
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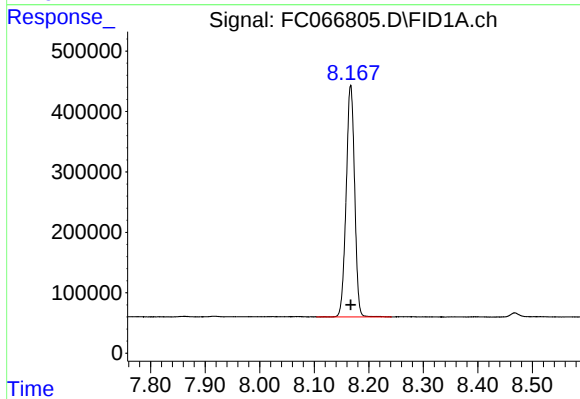
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 3421120
Conc: 23.14 ug/ml



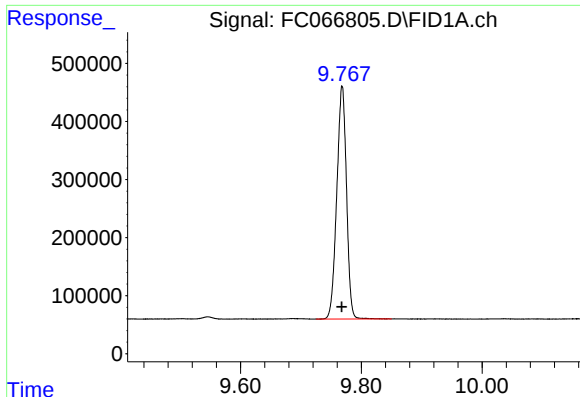
#4 n-Dodecane (C12)

R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 3833750
Conc: 25.57 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.167 min
Delta R.T.: 0.000 min
Response: 4121119
Conc: 28.17 ug/ml



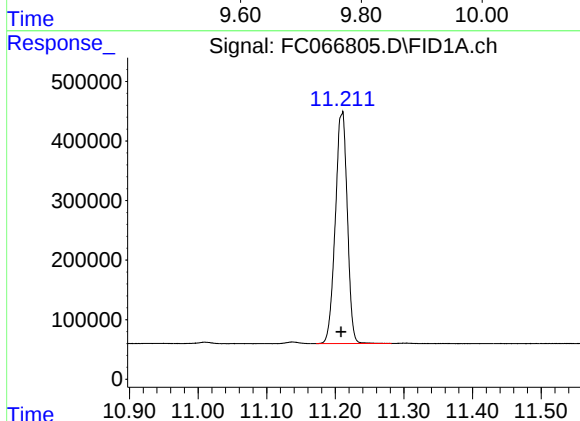
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: 0.000 min
Response: 4487503
Conc: 29.98 ug/ml

Instrument :
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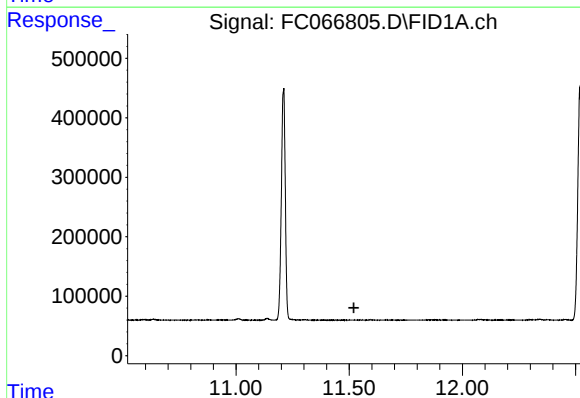
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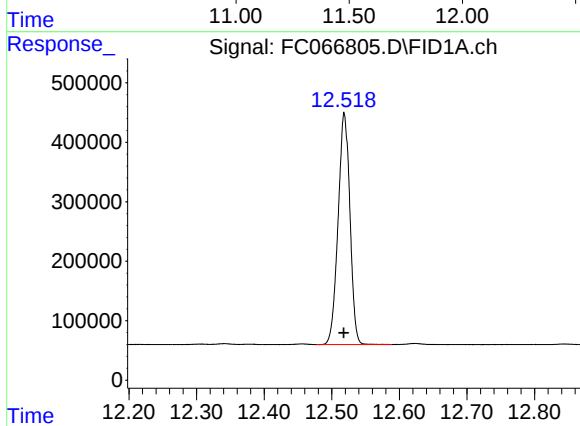
#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 4720018
Conc: 31.81 ug/ml



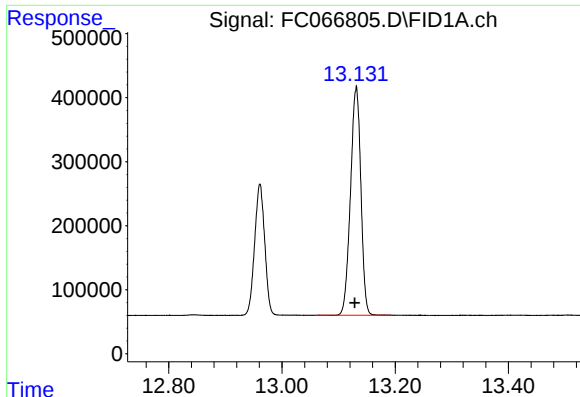
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.521 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 4745076
Conc: 34.04 ug/ml



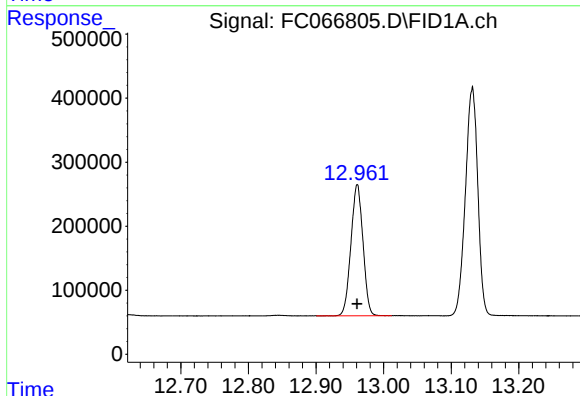
#11 n-Heneicosane (C21)

R.T.: 13.131 min
Delta R.T.: 0.003 min
Response: 4535914
Conc: 33.30 ug/ml

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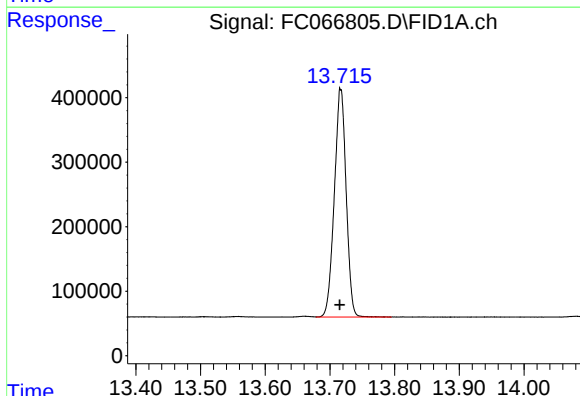
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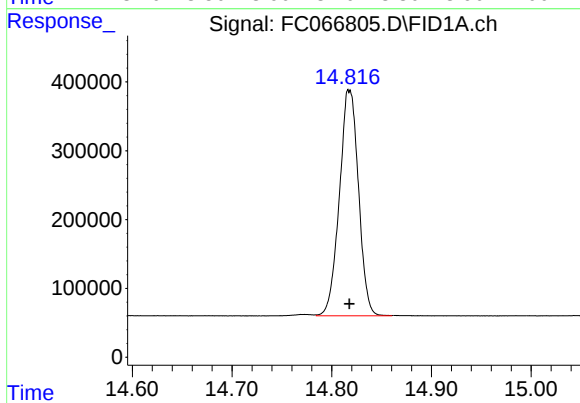
#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 2529582
Conc: 22.62 ug/ml



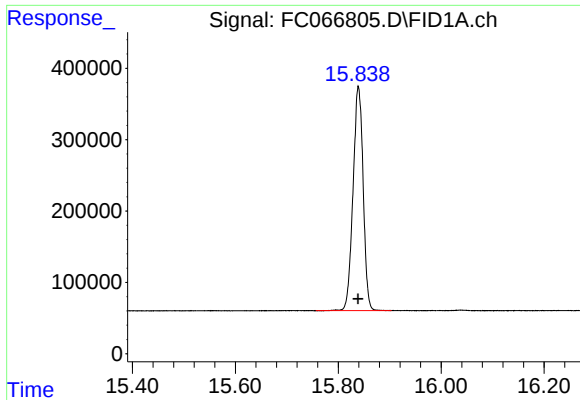
#13 n-Docosane (C22)

R.T.: 13.717 min
Delta R.T.: 0.001 min
Response: 4494038
Conc: 33.46 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.002 min
Response: 4369287
Conc: 32.85 ug/ml m



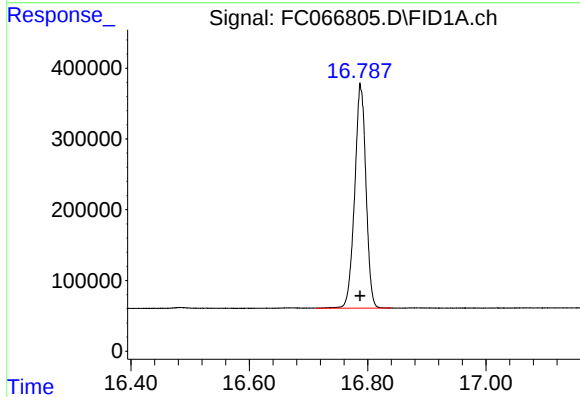
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.000 min
Response: 4289542
Conc: 32.97 ug/ml

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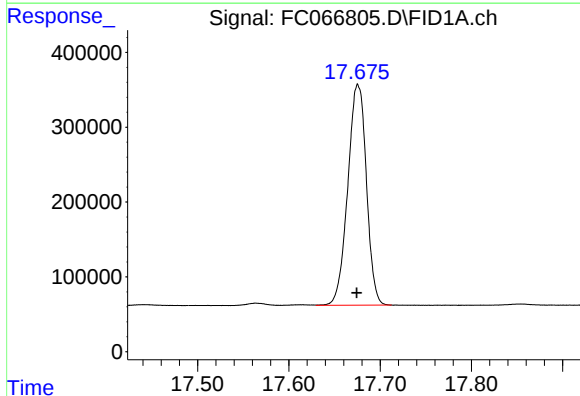
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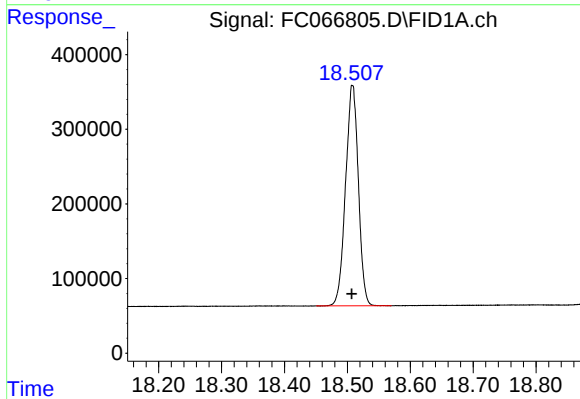
#16 n-Octacosane (C28)

R.T.: 16.787 min
Delta R.T.: 0.000 min
Response: 4182020
Conc: 33.15 ug/ml m



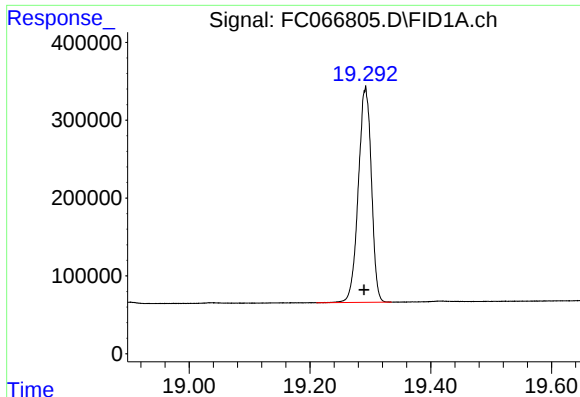
#17 n-Tricontane (C30)

R.T.: 17.675 min
Delta R.T.: 0.000 min
Response: 4183299
Conc: 32.53 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: 0.001 min
Response: 4181637
Conc: 33.22 ug/ml



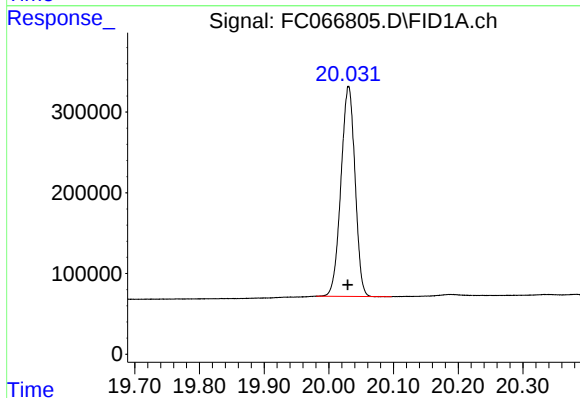
#19 n-Tetratriacontane (C34)

R.T.: 19.292 min
Delta R.T.: 0.002 min
Response: 4138001
Conc: 33.45 ug/ml

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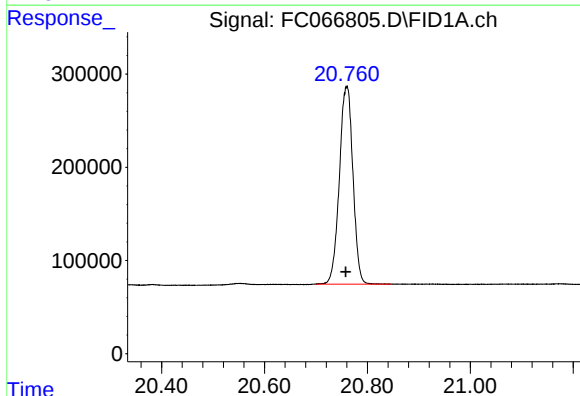
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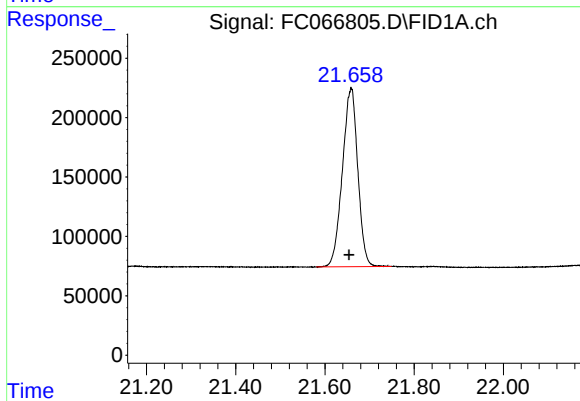
#20 n-Hexatriacontane (C36)

R.T.: 20.030 min
Delta R.T.: 0.001 min
Response: 3933880
Conc: 33.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.760 min
Delta R.T.: 0.001 min
Response: 3881094
Conc: 34.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.658 min
Delta R.T.: 0.004 min
Response: 3595228
Conc: 33.07 ug/ml