

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071023AL\
 Data File : FC064082.D
 Signal(s) : FID1A.ch
 Acq On : 10 Jul 2023 16:17
 Operator : YP/AJ
 Sample : 03548-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2023
 Supervised By :Ankita Jodhani 07/11/2023

Integration File: autoint1.e
 Quant Time: Jul 11 03:00:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:03:48 2023
 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			
9) S ortho-Terphenyl (SURR)	11.526	5827736	30.015 ug/ml
Spiked Amount 50.000		Recovery =	60.03%
12) S 1-chlorooctadecane (S...	12.961	4518425	32.476 ug/ml
Spiked Amount 50.000		Recovery =	64.95%
Target Compounds			
1) T n-Nonane (C9)	3.308	4329408	24.275 ug/ml
2) T n-Decane (C10)	4.371	4840196	26.748 ug/ml
3) T A~Naphthalene (C11.7)	5.949	5532534	29.660 ug/ml
4) T n-Dodecane (C12)	6.382	5290333	29.367 ug/ml
5) T A~2-methylnaphthalene...	7.005	5600189	31.821 ug/ml
6) T n-Tetradecane (C14)	8.174	5578878	32.250 ug/ml
7) T n-Hexadecane (C16)	9.771	5939813	34.194 ug/ml
8) T n-Octadecane (C18)	11.212	6374382	36.986 ug/ml
10) T n-Eicosane (C20)	12.519	6080753	37.249 ug/ml
11) T n-Heneicosane (C21)	13.129	5824061	36.350 ug/ml
13) T n-Docosane (C22)	13.713	5869402	37.352 ug/ml
14) T n-Tetracosane (C24)	14.799	11819126	74.984 ug/ml
15) T n-Hexacosane (C26)	15.830	5562760	36.819 ug/ml
16) T n-Octacosane (C28)	16.775	5584108	37.059 ug/ml
17) T n-Tricontane (C30)	17.660	5571907	35.688 ug/ml
18) T n-Dotriacontane (C32)	18.490	5594740	35.415 ug/ml
19) T n-Tetratriacontane (C34)	19.270	5283528	34.336 ug/ml
20) T n-Hexatriacontane (C36)	20.008	5058583	34.263 ug/mlm
21) T n-Octatriacontane (C38)	20.730	4948257	33.405 ug/ml
22) T n-Tetracontane (C40)	21.621	4972766	34.117 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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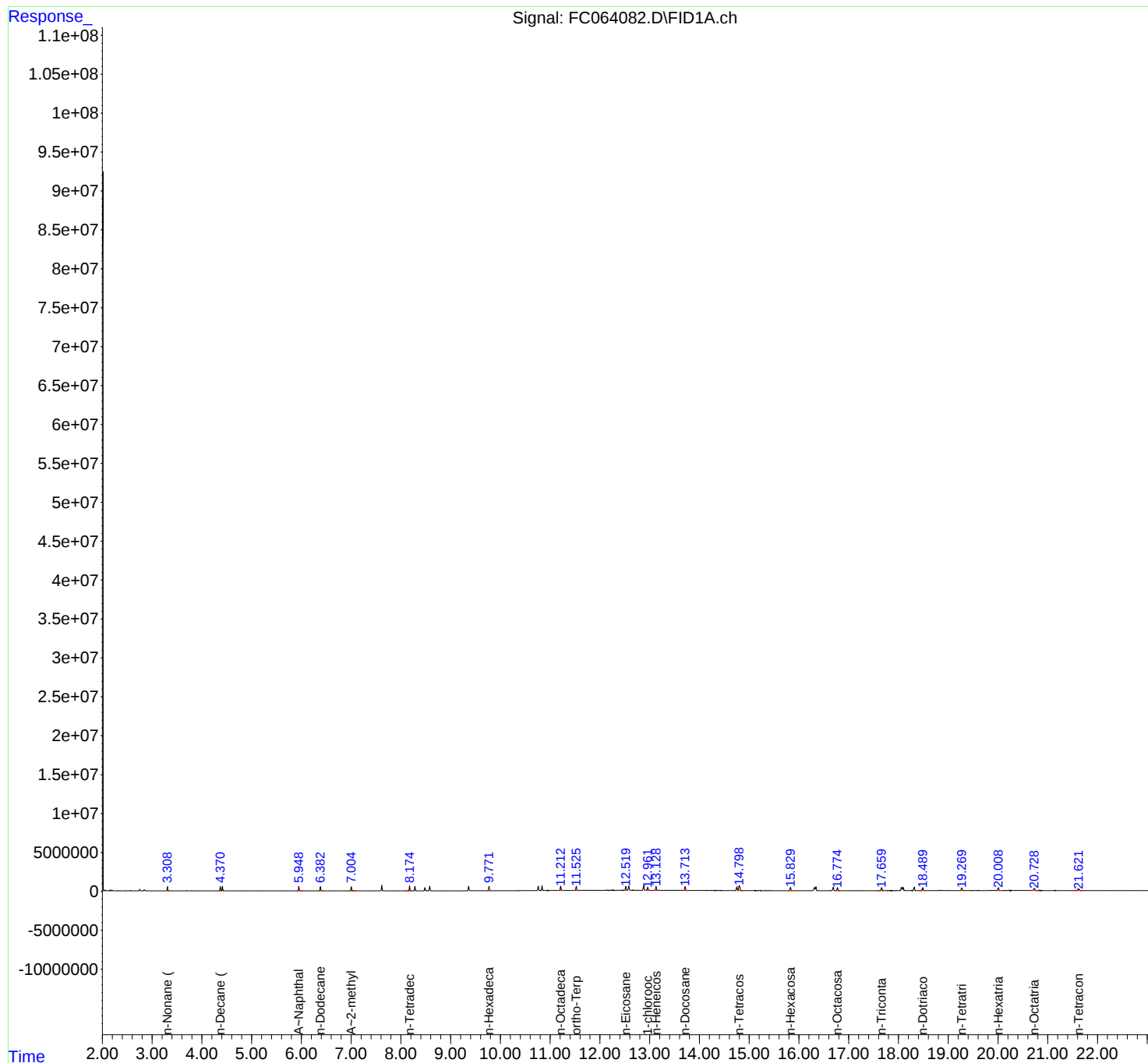
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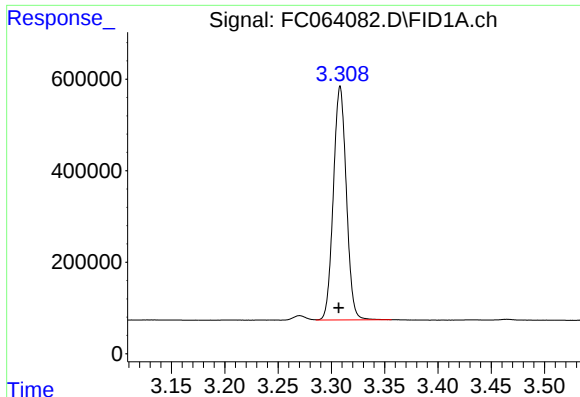
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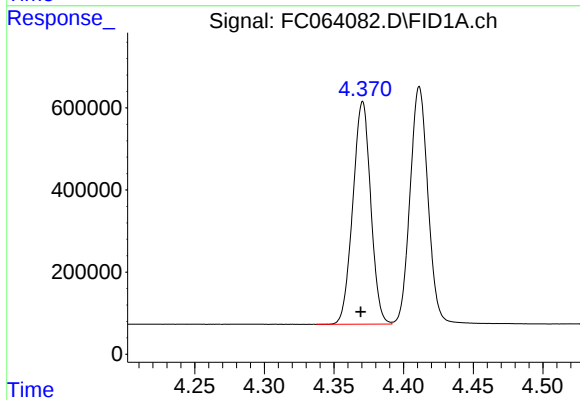
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: 0.001 min
Response: 4329408
Conc: 24.27 ug/ml

Instrument :
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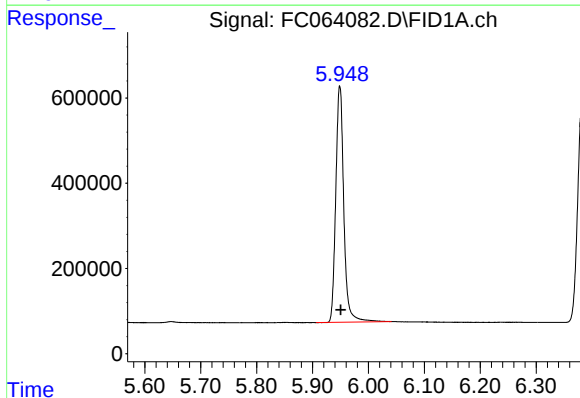
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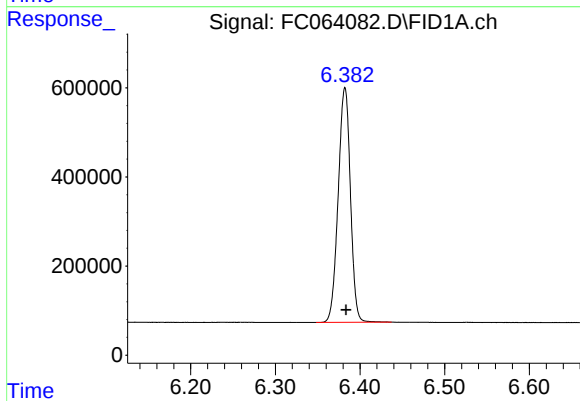
#2 n-Decane (C10)

R.T.: 4.371 min
Delta R.T.: 0.002 min
Response: 4840196
Conc: 26.75 ug/ml



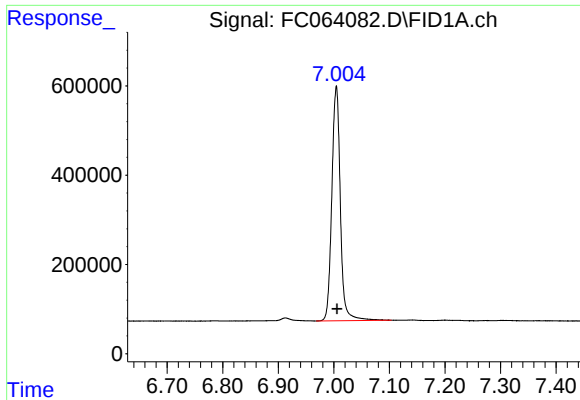
#3 A~Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.002 min
Response: 5532534
Conc: 29.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.382 min
Delta R.T.: -0.001 min
Response: 5290333
Conc: 29.37 ug/ml



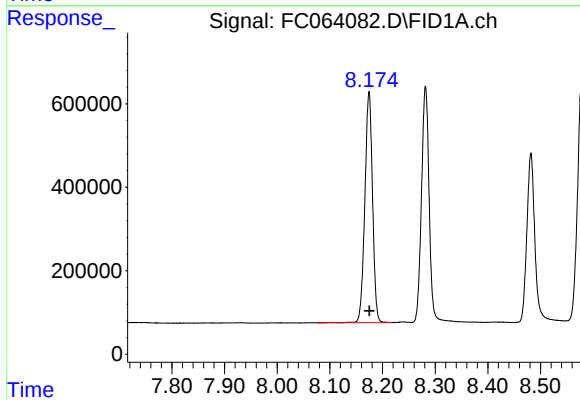
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 5600189
Conc: 31.82 ug/ml

Instrument :
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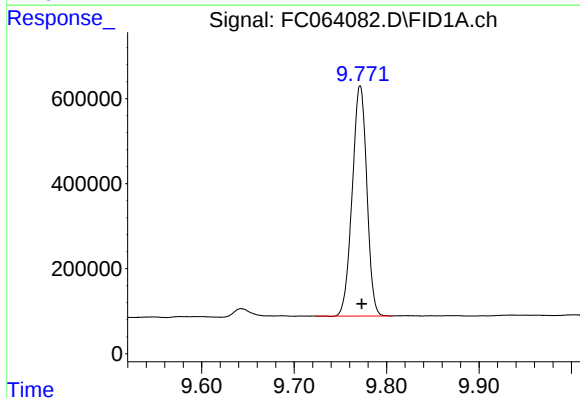
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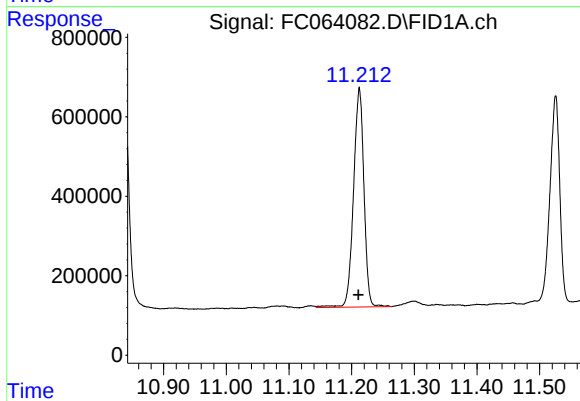
#6 n-Tetradecane (C14)

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 5578878
Conc: 32.25 ug/ml



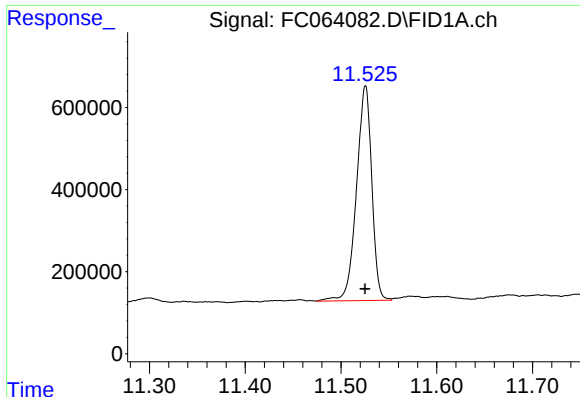
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.002 min
Response: 5939813
Conc: 34.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.212 min
Delta R.T.: 0.001 min
Response: 6374382
Conc: 36.99 ug/ml



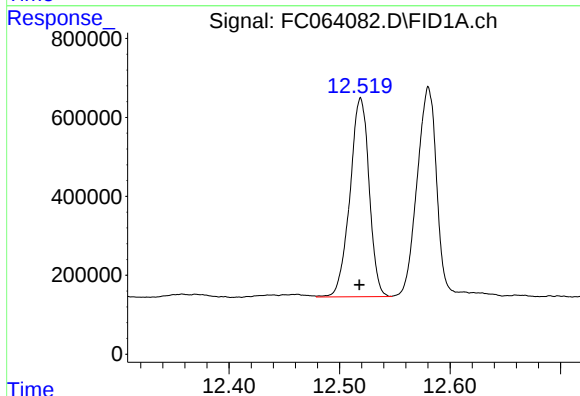
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 5827736
Conc: 30.01 ug/ml

Instrument :
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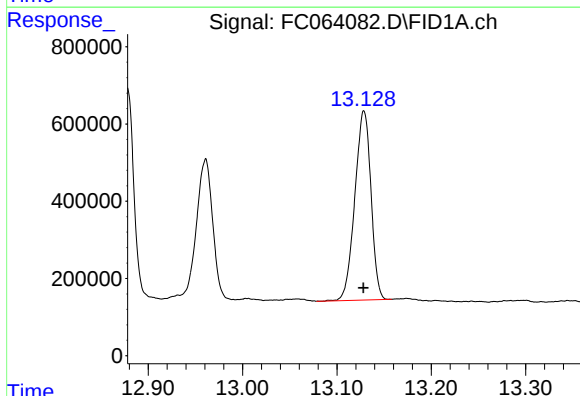
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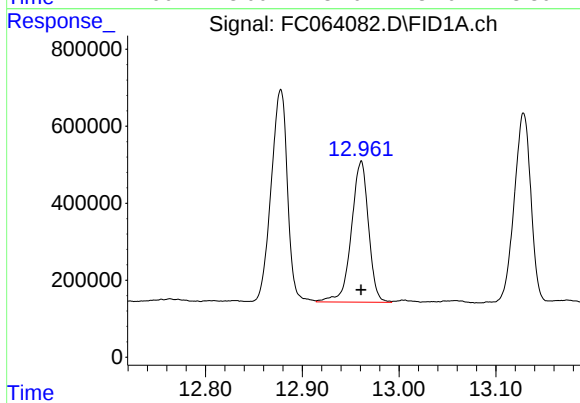
#10 n-Eicosane (C20)

R.T.: 12.519 min
Delta R.T.: 0.000 min
Response: 6080753
Conc: 37.25 ug/ml



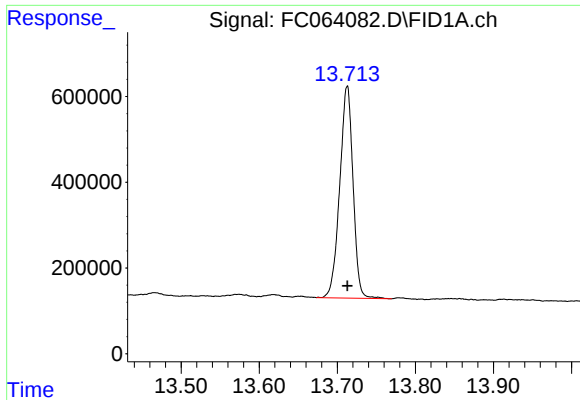
#11 n-Heneicosane (C21)

R.T.: 13.129 min
Delta R.T.: 0.000 min
Response: 5824061
Conc: 36.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 4518425
Conc: 32.48 ug/ml



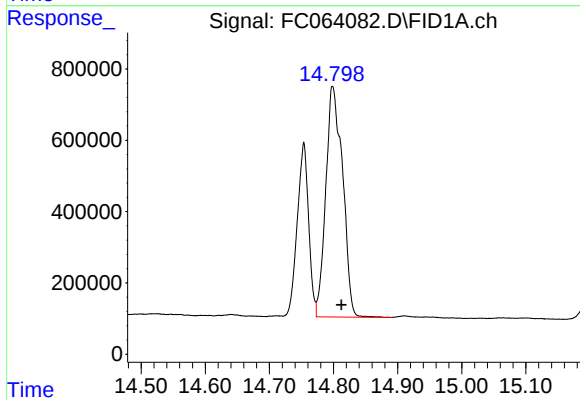
#13 n-Docosane (C22)

R.T.: 13.713 min
Delta R.T.: 0.000 min
Response: 5869402
Conc: 37.35 ug/ml

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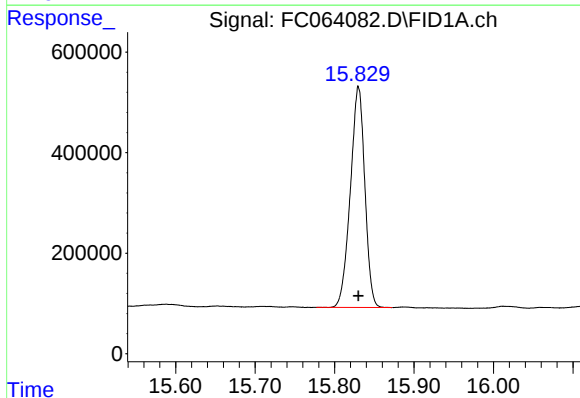
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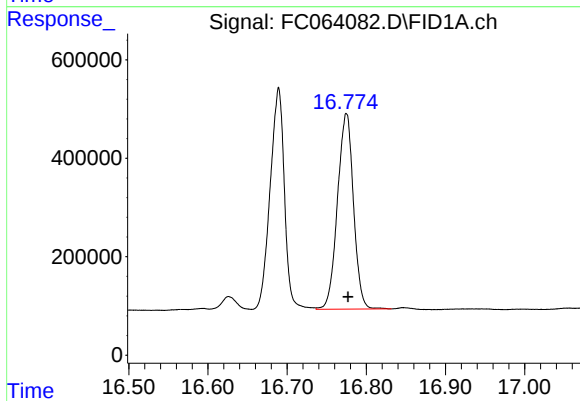
#14 n-Tetracosane (C24)

R.T.: 14.799 min
Delta R.T.: -0.014 min
Response: 11819126
Conc: 74.98 ug/ml



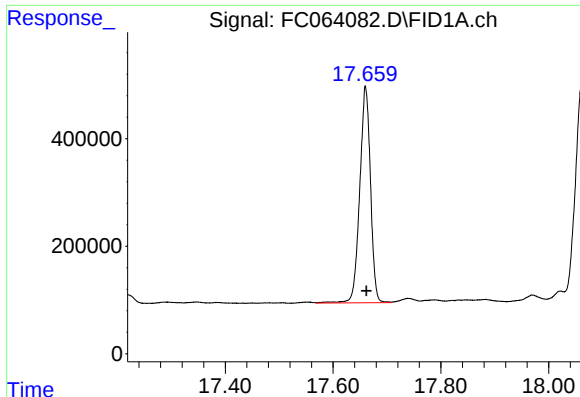
#15 n-Hexacosane (C26)

R.T.: 15.830 min
Delta R.T.: 0.000 min
Response: 5562760
Conc: 36.82 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.775 min
Delta R.T.: -0.002 min
Response: 5584108
Conc: 37.06 ug/ml



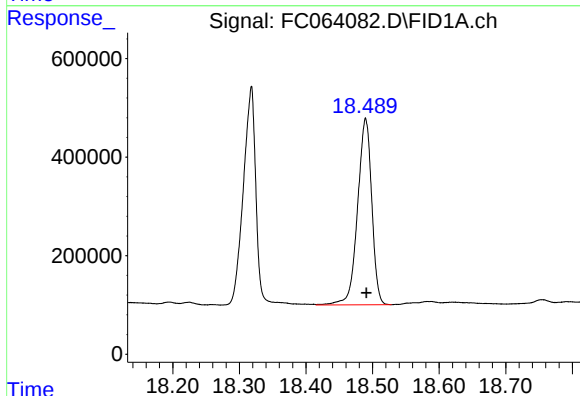
#17 n-Tricontane (C30)

R.T.: 17.660 min
Delta R.T.: -0.002 min
Response: 5571907
Conc: 35.69 ug/ml

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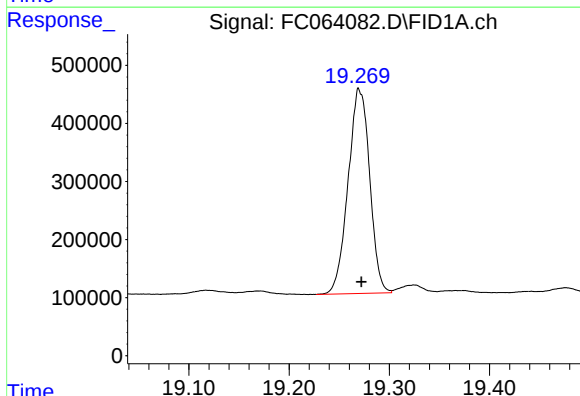
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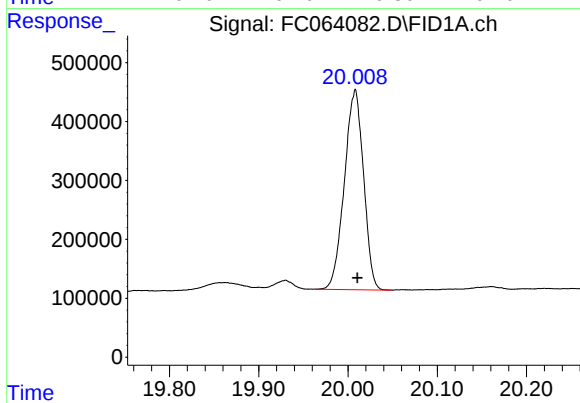
#18 n-Dotriacontane (C32)

R.T.: 18.490 min
Delta R.T.: -0.001 min
Response: 5594740
Conc: 35.41 ug/ml



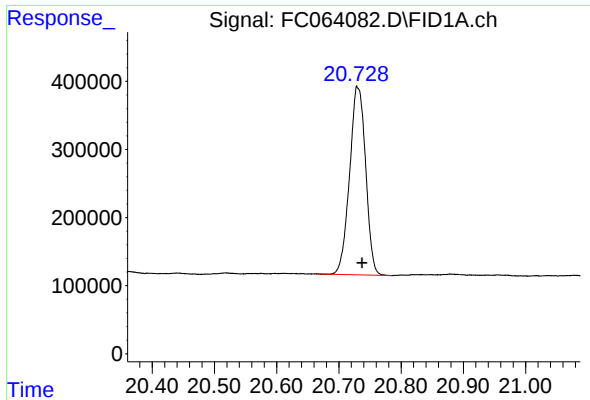
#19 n-Tetratriacontane (C34)

R.T.: 19.270 min
Delta R.T.: -0.002 min
Response: 5283528
Conc: 34.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.008 min
Delta R.T.: -0.003 min
Response: 5058583
Conc: 34.26 ug/ml m



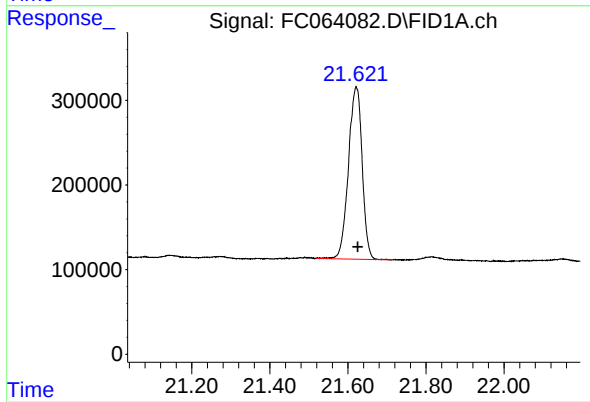
#21 n-Octatriacontane (C38)

R.T.: 20.730 min
Delta R.T.: -0.008 min
Response: 4948257
Conc: 33.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.621 min
Delta R.T.: -0.004 min
Response: 4972766
Conc: 34.12 ug/ml