

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080825AL\
 Data File : FC069620.D
 Signal(s) : FID1A.ch
 Acq On : 08 Aug 2025 14:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 11 01:16:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 Qlast Update : Fri Aug 01 14:14:17 2025
 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)	11.665	2624968	17.595 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
12) S 1-chlorooctadecane (S...	13.100	1970250	18.072 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.397	2440059	17.127 ug/ml
2) T n-Decane (C10)	4.469	2488481	17.117 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2708330	17.455 ug/ml
4) T n-Dodecane (C12)	6.494	2494852	17.066 ug/ml
5) T A~2-methylnaphthalene...	7.124	2593787	17.612 ug/ml
6) T n-Tetradecane (C14)	8.294	2446299	17.142 ug/ml
7) T n-Hexadecane (C16)	9.897	2488350	17.261 ug/ml
8) T n-Octadecane (C18)	11.342	2447409	17.307 ug/ml
10) T n-Eicosane (C20)	12.654	2301134	17.469 ug/ml
11) T n-Heneicosane (C21)	13.267	2237505	17.543 ug/ml
13) T n-Docosane (C22)	13.854	2202071	17.628 ug/ml
14) T n-Tetracosane (C24)	14.958	2148519	17.805 ug/ml
15) T n-Hexacosane (C26)	15.981	2059661	17.825 ug/ml
16) T n-Octacosane (C28)	16.933	1977280	17.640 ug/ml
17) T n-Tricontane (C30)	17.822	1987711	17.360 ug/ml
18) T n-Dotriacontane (C32)	18.655	1916574	17.254 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1771619	17.399 ug/ml
20) T n-Hexatriacontane (C36)	20.181	1599732	17.941 ug/ml
21) T n-Octatriacontane (C38)	20.945	1423174	17.692 ug/ml
22) T n-Tetracontane (C40)	21.907	1374821	18.360 ug/ml

(f)=RT Delta > 1/2 Window

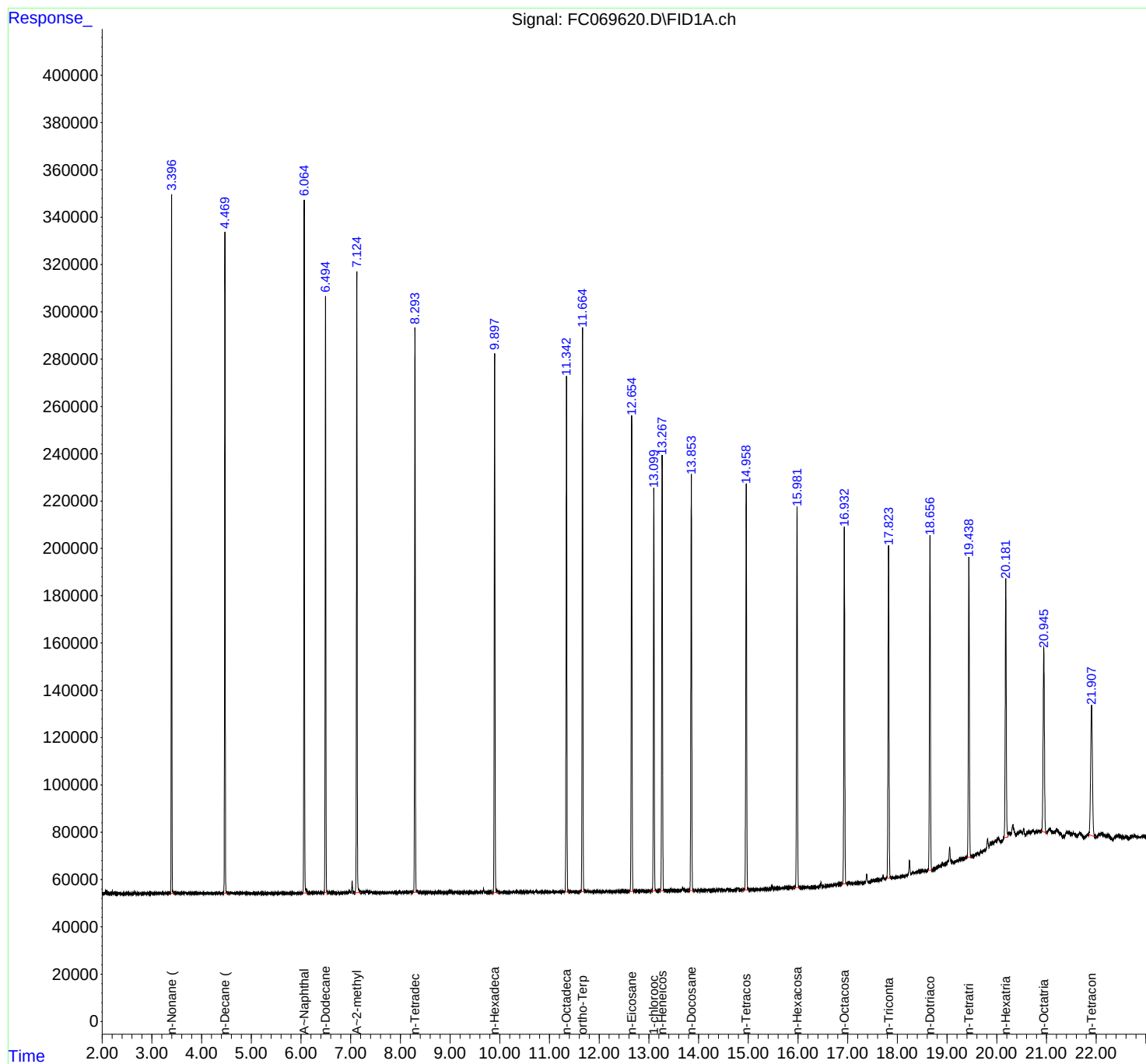
(m)=manual int.

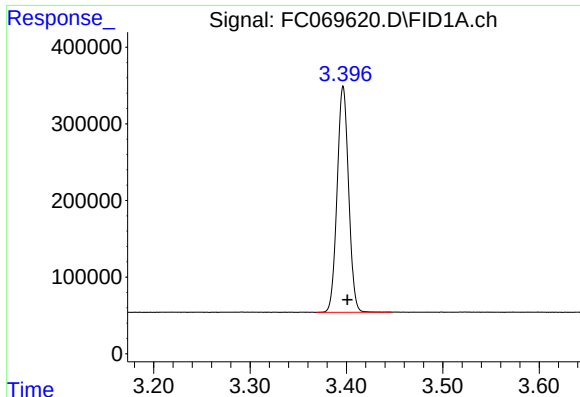
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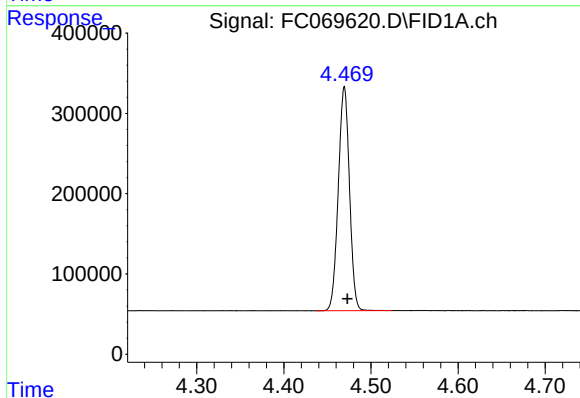




#1 n-Nonane (C9)

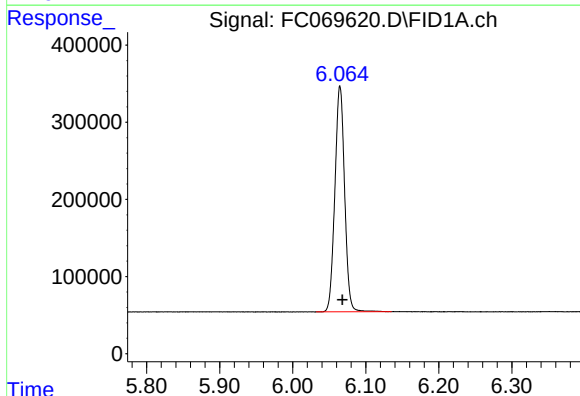
R.T.: 3.397 min
Delta R.T.: -0.004 min
Response: 2440059
Conc: 17.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM AROMATIC HC STD



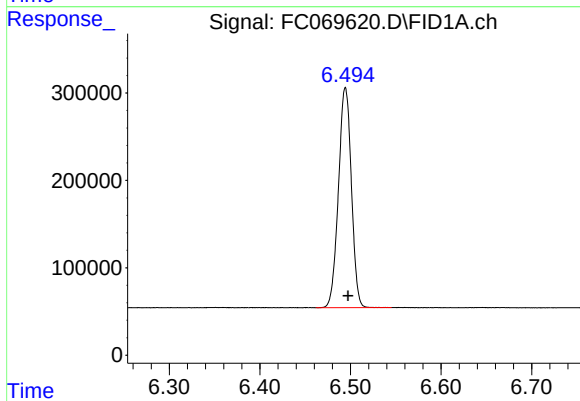
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 2488481
Conc: 17.12 ug/ml



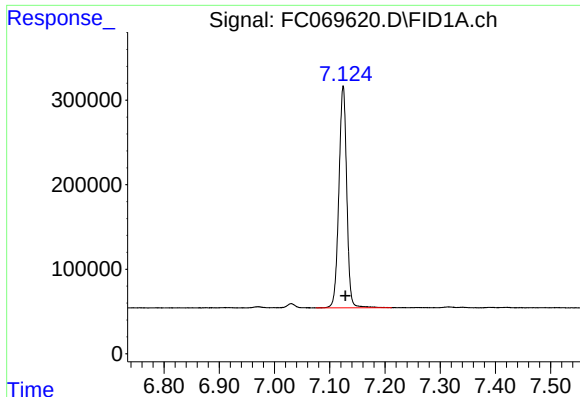
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.003 min
Response: 2708330
Conc: 17.45 ug/ml



#4 n-Dodecane (C12)

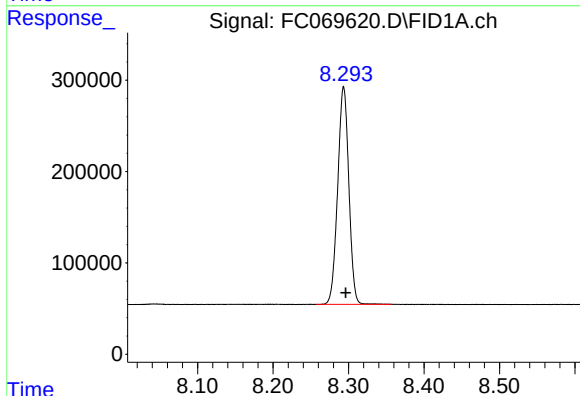
R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 2494852
Conc: 17.07 ug/ml



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

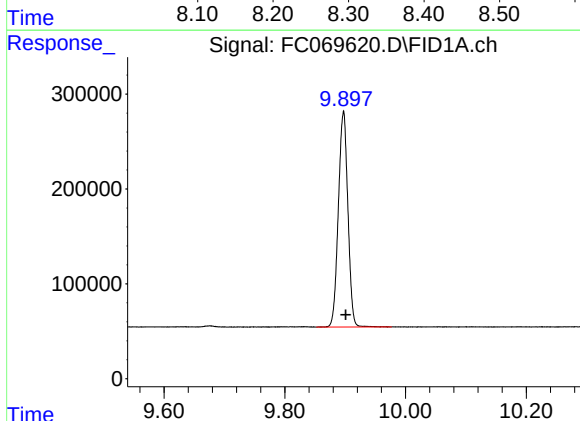
R.T.: 7.124 min
Delta R.T.: -0.004 min
Response: 2593787
Conc: 17.61 ug/ml

Instrument :
FID_C
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20 PPM AROMATIC HC STD



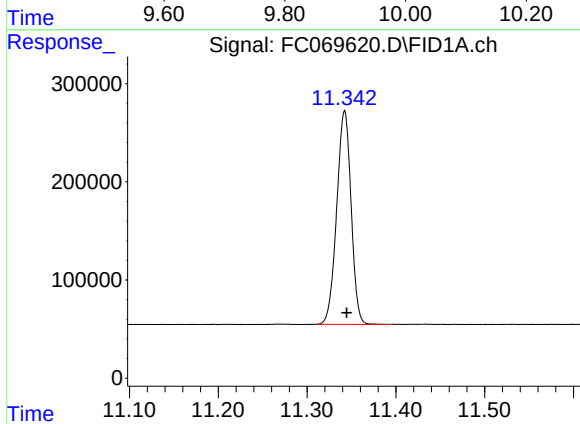
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.003 min
Response: 2446299
Conc: 17.14 ug/ml



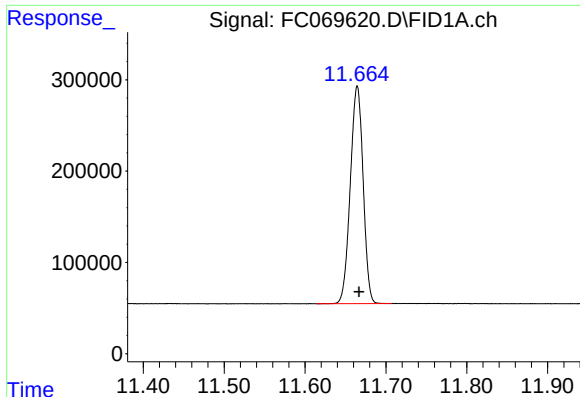
#7 n-Hexadecane (C16)

R.T.: 9.897 min
Delta R.T.: -0.004 min
Response: 2488350
Conc: 17.26 ug/ml



#8 n-Octadecane (C18)

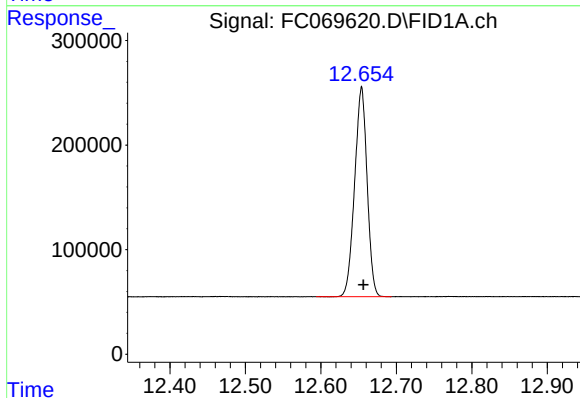
R.T.: 11.342 min
Delta R.T.: -0.003 min
Response: 2447409
Conc: 17.31 ug/ml



#9 ortho-Terphenyl (SURR)

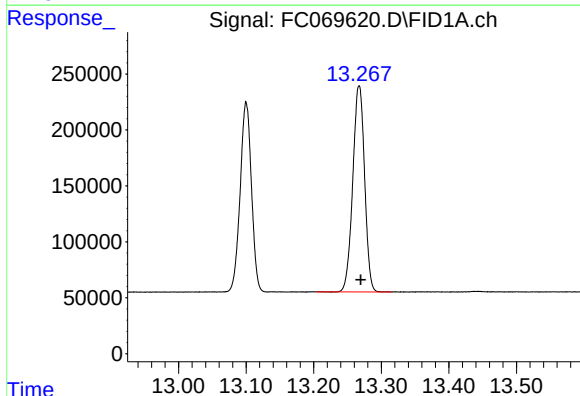
R.T.: 11.665 min
Delta R.T.: -0.002 min
Response: 2624968
Conc: 17.60 ug/ml

Instrument :
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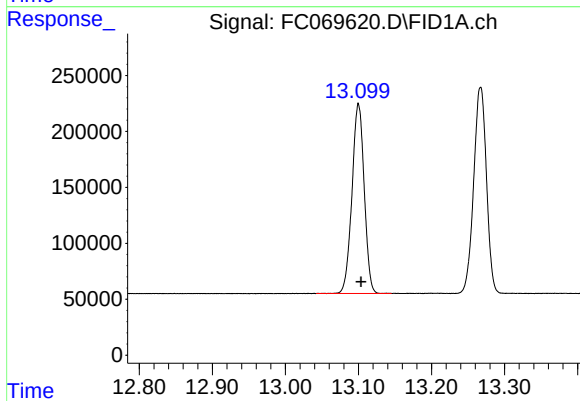
#10 n-Eicosane (C20)

R.T.: 12.654 min
Delta R.T.: -0.003 min
Response: 2301134
Conc: 17.47 ug/ml



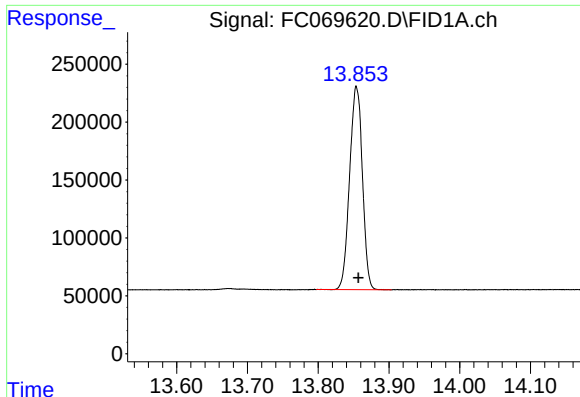
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.002 min
Response: 2237505
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

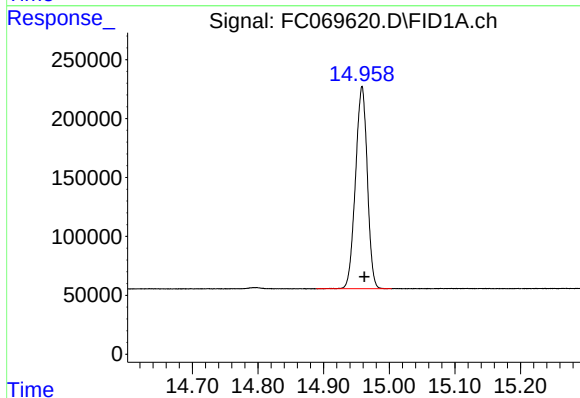
R.T.: 13.100 min
Delta R.T.: -0.004 min
Response: 1970250
Conc: 18.07 ug/ml



#13 n-Docosane (C22)

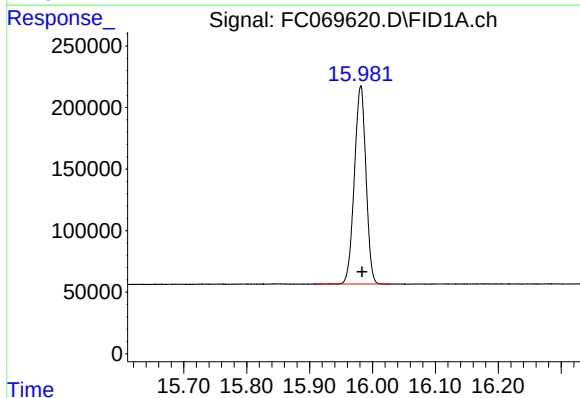
R.T.: 13.854 min
Delta R.T.: -0.003 min
Response: 2202071
Conc: 17.63 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



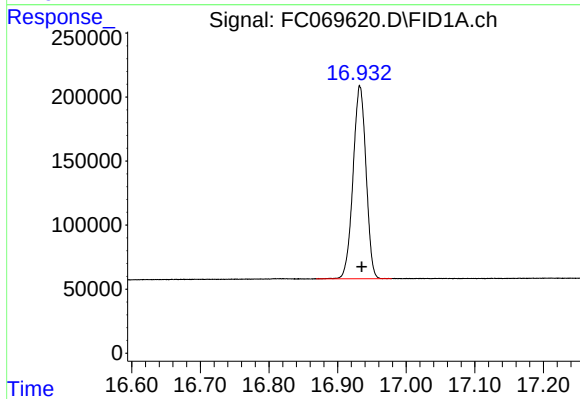
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.004 min
Response: 2148519
Conc: 17.80 ug/ml



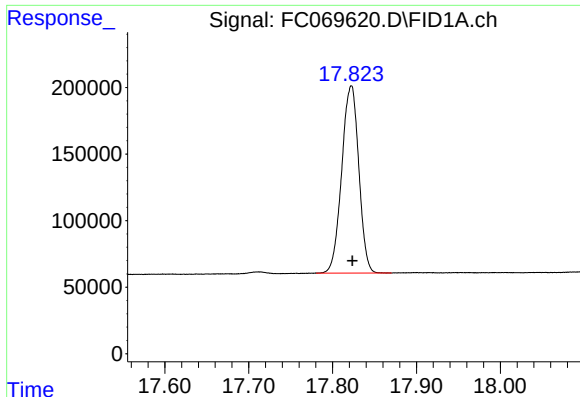
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.002 min
Response: 2059661
Conc: 17.82 ug/ml



#16 n-Octacosane (C28)

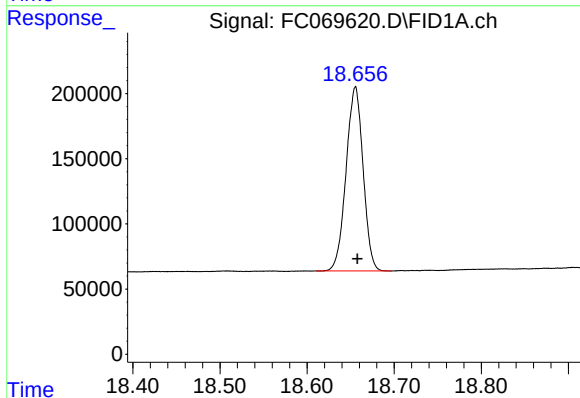
R.T.: 16.933 min
Delta R.T.: -0.003 min
Response: 1977280
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

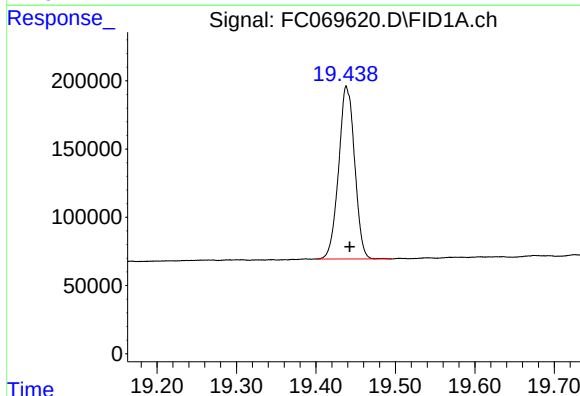
R.T.: 17.822 min
Delta R.T.: -0.002 min
Response: 1987711
Conc: 17.36 ug/ml

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20 PPM AROMATIC HC STD



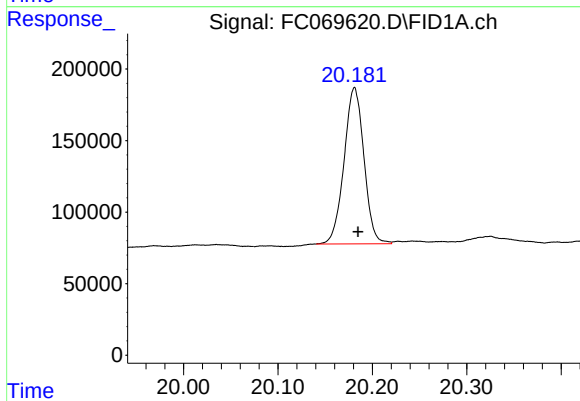
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.002 min
Response: 1916574
Conc: 17.25 ug/ml



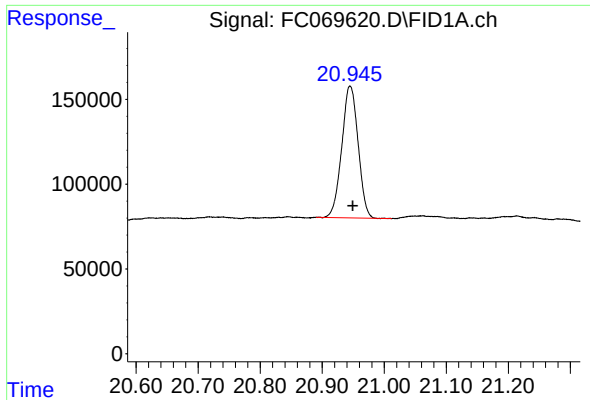
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.004 min
Response: 1771619
Conc: 17.40 ug/ml



#20 n-Hexatriacontane (C36)

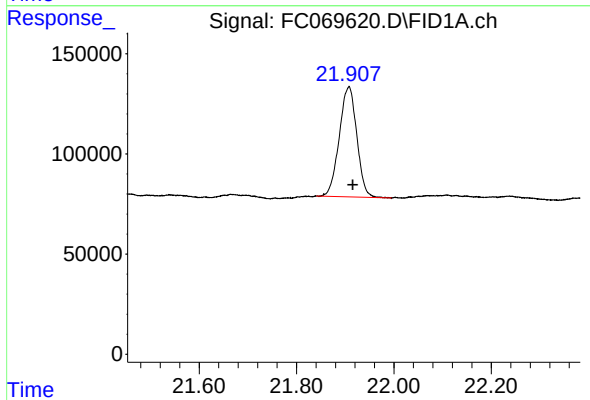
R.T.: 20.181 min
Delta R.T.: -0.004 min
Response: 1599732
Conc: 17.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.945 min
Delta R.T.: -0.004 min
Response: 1423174
Conc: 17.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: -0.008 min
Response: 1374821
Conc: 18.36 ug/ml