

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120122AL\
 Data File : FC062364.D
 Signal(s) : FID1A.ch
 Acq On : 02 Dec 2022 16:33
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Dec 03 01:35:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.587	2400652	17.587 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
12) S 1-chlorooctadecane (S...	13.024	1798267	17.691 ug/ml
Spiked Amount 50.000		Recovery =	35.38%
Target Compounds			
1) T n-Nonane (C9)	3.340	2413128	17.338 ug/ml
2) T n-Decane (C10)	4.409	2339217	17.289 ug/ml
3) T A~Naphthalene (C11.7)	5.996	2511257	17.141 ug/ml
4) T n-Dodecane (C12)	6.431	2317624	17.349 ug/ml
5) T A~2-methylnaphthalene...	7.055	2252403	16.797 ug/ml
6) T n-Tetradecane (C14)	8.228	2262285	17.330 ug/ml
7) T n-Hexadecane (C16)	9.829	2283260	17.611 ug/ml
8) T n-Octadecane (C18)	11.272	2257509	17.680 ug/ml
10) T n-Eicosane (C20)	12.581	2156344	17.739 ug/ml
11) T n-Heneicosane (C21)	13.192	2144050	17.789 ug/ml
13) T n-Docosane (C22)	13.778	2089551	17.726 ug/ml
14) T n-Tetracosane (C24)	14.880	2042972	17.755 ug/ml
15) T n-Hexacosane (C26)	15.900	1984118	17.807 ug/ml
16) T n-Octacosane (C28)	16.848	1953022	17.813 ug/ml
17) T n-Tricontane (C30)	17.734	1952096	17.826 ug/ml
18) T n-Dotriacontane (C32)	18.565	1981630	17.942 ug/ml
19) T n-Tetratriacontane (C34)	19.347	1986811	18.172 ug/ml
20) T n-Hexatriacontane (C36)	20.086	1867034	17.815 ug/ml
21) T n-Octatriacontane (C38)	20.825	1866548	18.035 ug/ml
22) T n-Tetracontane (C40)	21.742	1811749	17.649 ug/ml

(f)=RT Delta > 1/2 Window

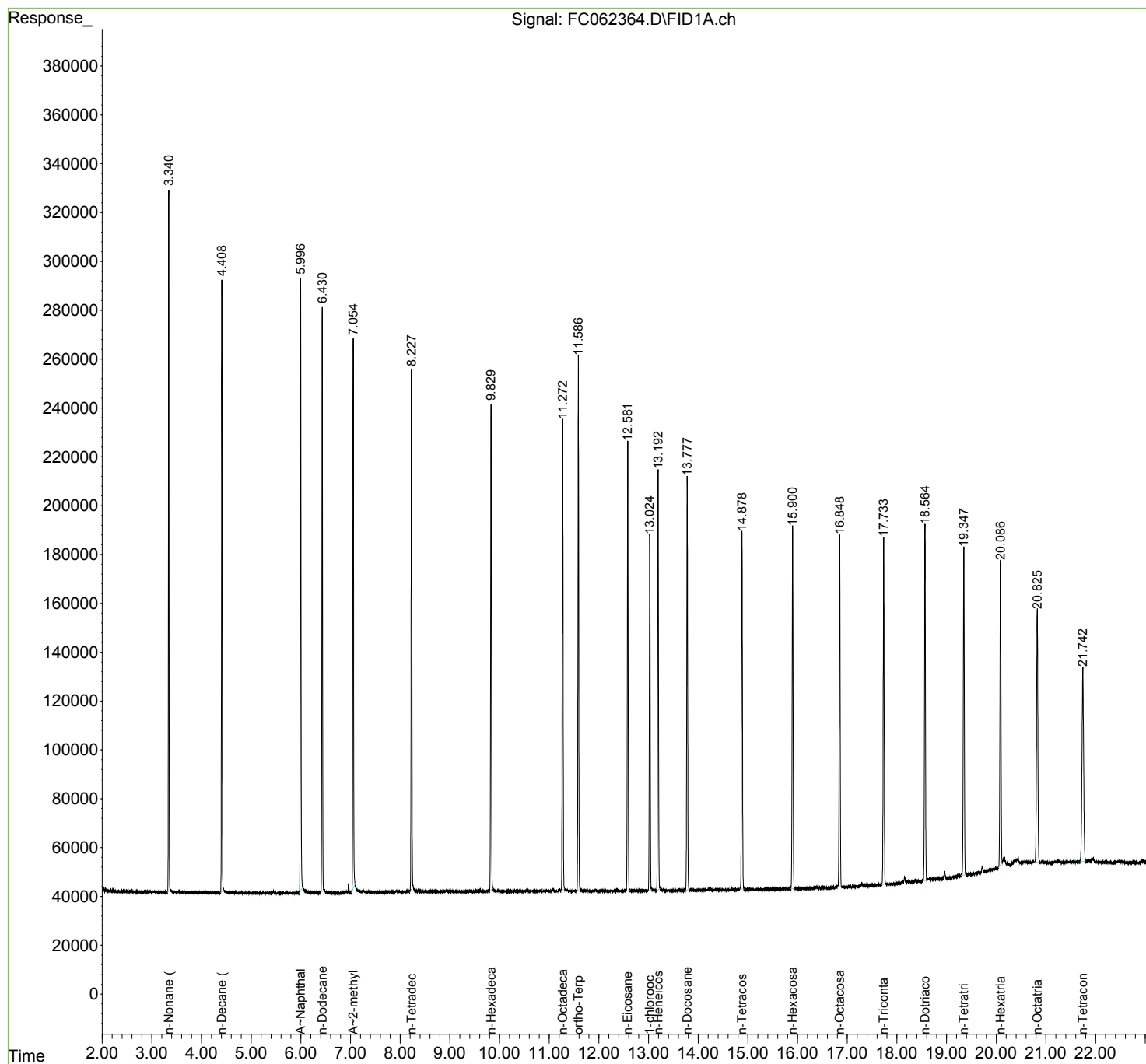
(m)=manual int.

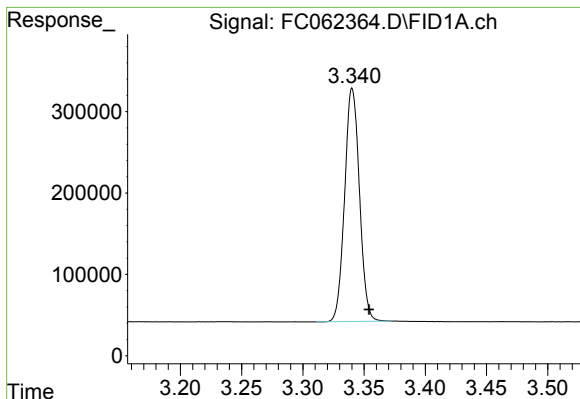
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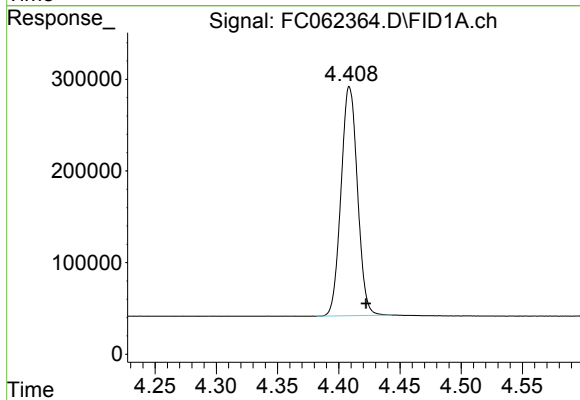




#1 n-Nonane (C9)

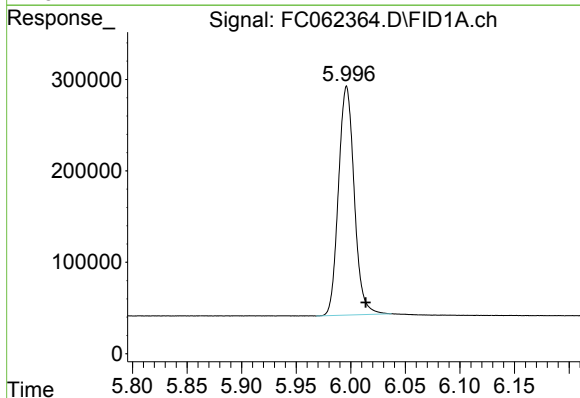
R.T.: 3.340 min
Delta R.T.: -0.014 min
Response: 2413128
Conc: 17.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



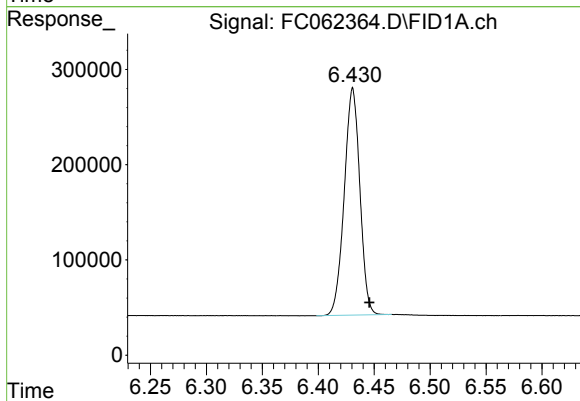
#2 n-Decane (C10)

R.T.: 4.409 min
Delta R.T.: -0.014 min
Response: 2339217
Conc: 17.29 ug/ml



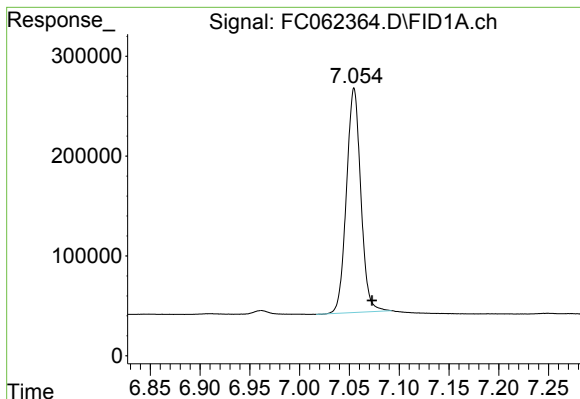
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.017 min
Response: 2511257
Conc: 17.14 ug/ml



#4 n-Dodecane (C12)

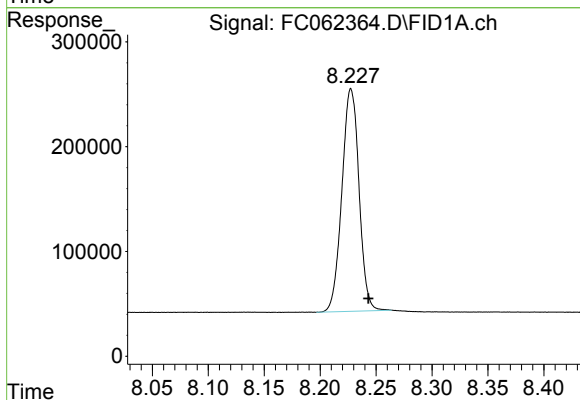
R.T.: 6.431 min
Delta R.T.: -0.015 min
Response: 2317624
Conc: 17.35 ug/ml



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

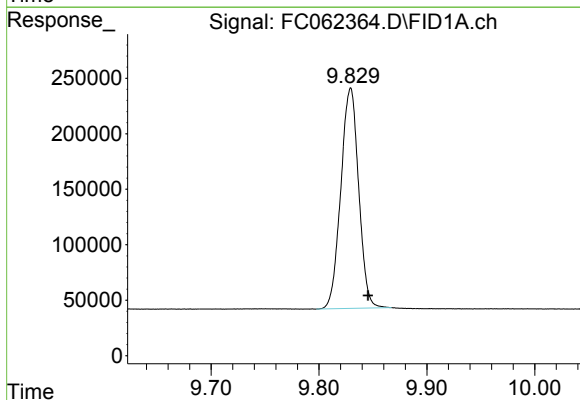
R.T.: 7.055 min
Delta R.T.: -0.018 min
Response: 2252403
Conc: 16.80 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



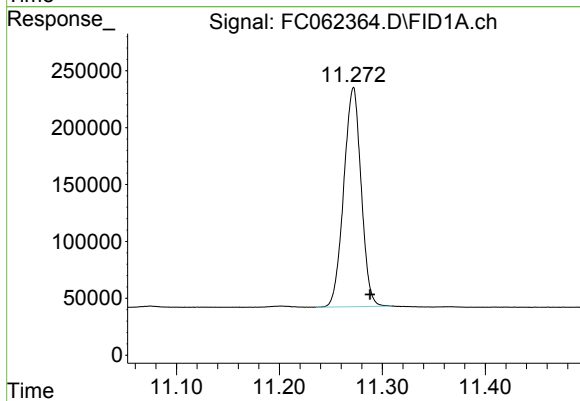
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.016 min
Response: 2262285
Conc: 17.33 ug/ml



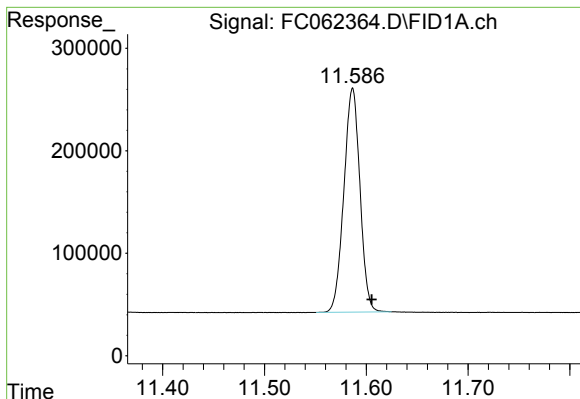
#7 n-Hexadecane (C16)

R.T.: 9.829 min
Delta R.T.: -0.016 min
Response: 2283260
Conc: 17.61 ug/ml



#8 n-Octadecane (C18)

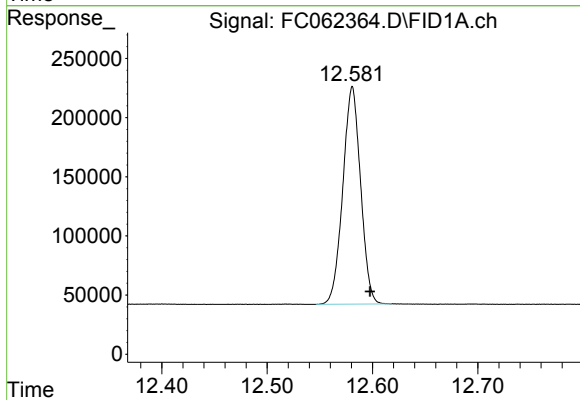
R.T.: 11.272 min
Delta R.T.: -0.016 min
Response: 2257509
Conc: 17.68 ug/ml



#9 ortho-Terphenyl (SURR)

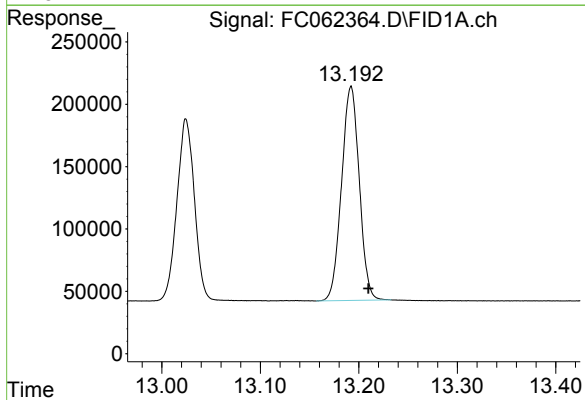
R.T.: 11.587 min
Delta R.T.: -0.019 min
Response: 2400652
Conc: 17.59 ug/ml

Instrument :
FID_C
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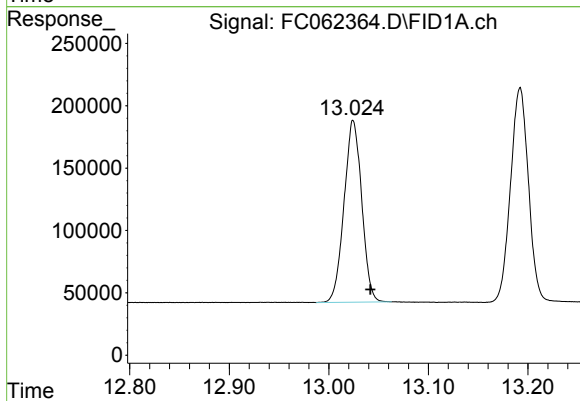
#10 n-Eicosane (C20)

R.T.: 12.581 min
Delta R.T.: -0.017 min
Response: 2156344
Conc: 17.74 ug/ml



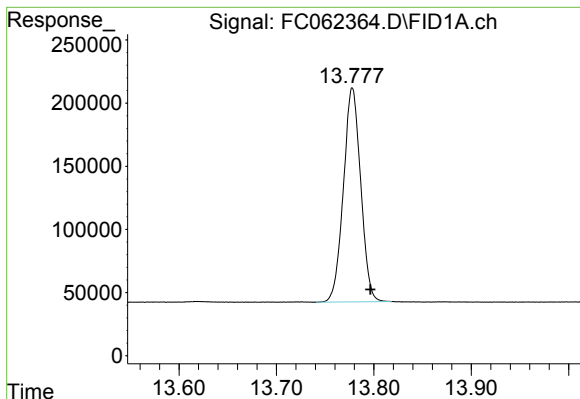
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.017 min
Response: 2144050
Conc: 17.79 ug/ml



#12 1-chlorooctadecane (SURR)

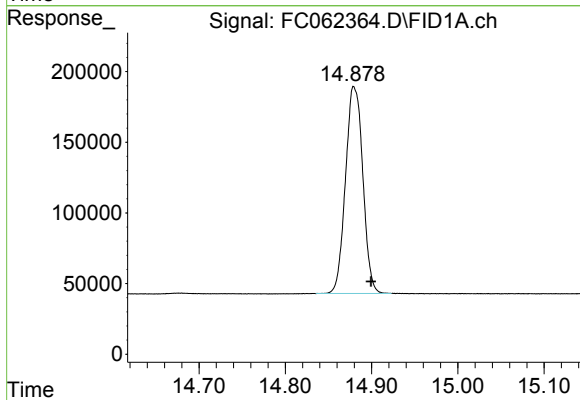
R.T.: 13.024 min
Delta R.T.: -0.018 min
Response: 1798267
Conc: 17.69 ug/ml



#13 n-Docosane (C22)

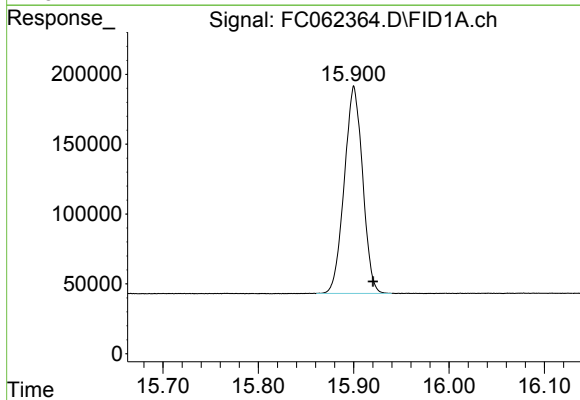
R.T.: 13.778 min
Delta R.T.: -0.018 min
Response: 2089551
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



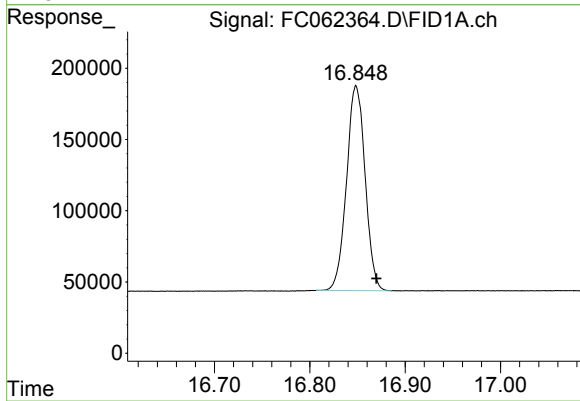
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.020 min
Response: 2042972
Conc: 17.75 ug/ml



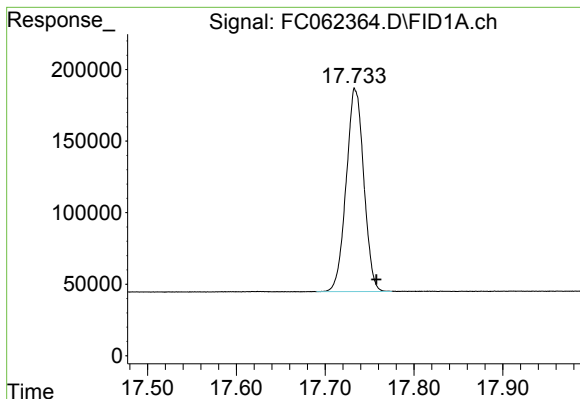
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.020 min
Response: 1984118
Conc: 17.81 ug/ml



#16 n-Octacosane (C28)

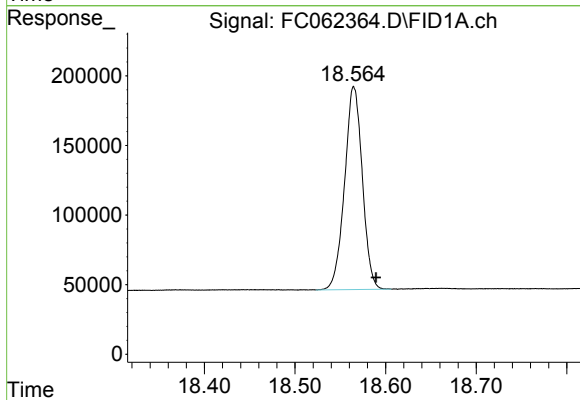
R.T.: 16.848 min
Delta R.T.: -0.021 min
Response: 1953022
Conc: 17.81 ug/ml



#17 n-Tricontane (C30)

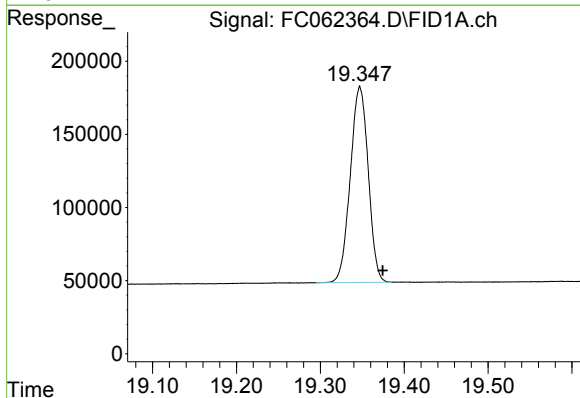
R.T.: 17.734 min
Delta R.T.: -0.024 min
Response: 1952096
Conc: 17.83 ug/ml

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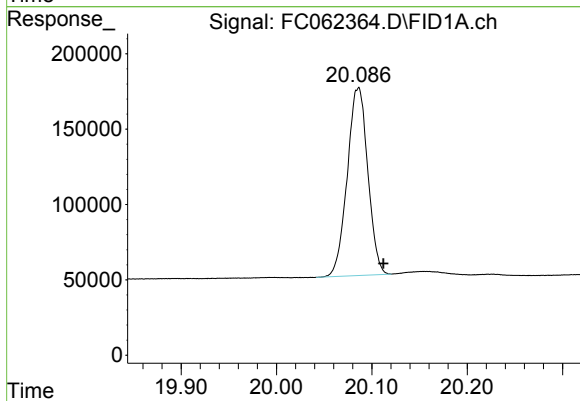
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.025 min
Response: 1981630
Conc: 17.94 ug/ml



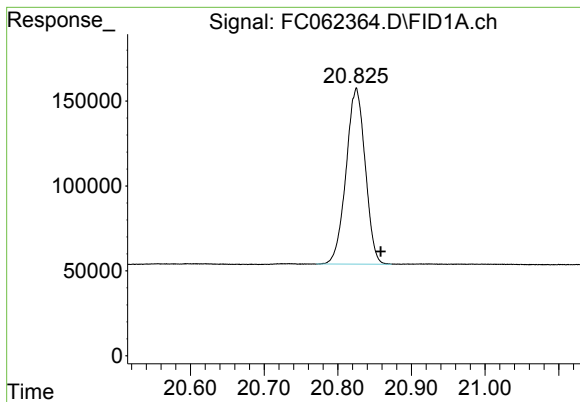
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.027 min
Response: 1986811
Conc: 18.17 ug/ml



#20 n-Hexatriacontane (C36)

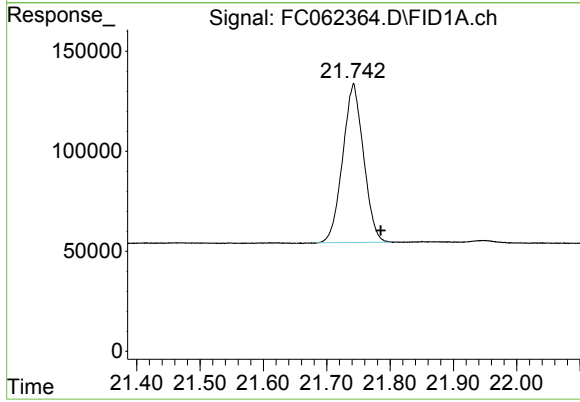
R.T.: 20.086 min
Delta R.T.: -0.026 min
Response: 1867034
Conc: 17.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.825 min
Delta R.T.: -0.033 min
Response: 1866548
Conc: 18.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.742 min
Delta R.T.: -0.043 min
Response: 1811749
Conc: 17.65 ug/ml