

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101023AL\
 Data File : FC064786.D
 Signal(s) : FID1A.ch
 Acq On : 10 Oct 2023 11:03
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 10 11:40:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 10 11:40:16 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)	11.522	2301718	10.855 ug/ml
Spiked Amount 50.000		Recovery =	21.71%
12) S 1-chlorooctadecane (S...	12.954	1611806	10.735 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
Target Compounds			
1) T n-Nonane (C9)	3.321	1995053	10.858 ug/ml
2) T n-Decane (C10)	4.381	1976877	10.757 ug/ml
3) T A~Naphthalene (C11.7)	5.968	1948379	10.131 ug/ml
4) T n-Dodecane (C12)	6.391	2027480	10.879 ug/ml
5) T A~2-methylnaphthalene...	7.022	1772986	9.803 ug/mlm
6) T n-Tetradecane (C14)	8.179	1936495	10.756 ug/ml
7) T n-Hexadecane (C16)	9.773	1914901	10.718 ug/ml
8) T n-Octadecane (C18)	11.208	1941562	10.883 ug/ml
10) T n-Eicosane (C20)	12.511	1864335	10.924 ug/ml
11) T n-Heneicosane (C21)	13.120	1833204	10.955 ug/ml
13) T n-Docosane (C22)	13.703	1775292	10.871 ug/ml
14) T n-Tetracosane (C24)	14.802	1713867	10.869 ug/ml
15) T n-Hexacosane (C26)	15.818	1646936	10.868 ug/ml
16) T n-Octacosane (C28)	16.763	1582940	10.871 ug/ml
17) T n-Tricontane (C30)	17.646	1571459	10.903 ug/ml
18) T n-Dotriacontane (C32)	18.477	1554029	10.956 ug/ml
19) T n-Tetratriacontane (C34)	19.255	1518856	10.968 ug/ml
20) T n-Hexatriacontane (C36)	19.991	1507714	10.998 ug/ml
21) T n-Octatriacontane (C38)	20.714	1406500	10.682 ug/ml
22) T n-Tetracontane (C40)	21.595	1343630	10.774 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 14 Sample Multiplier: 1

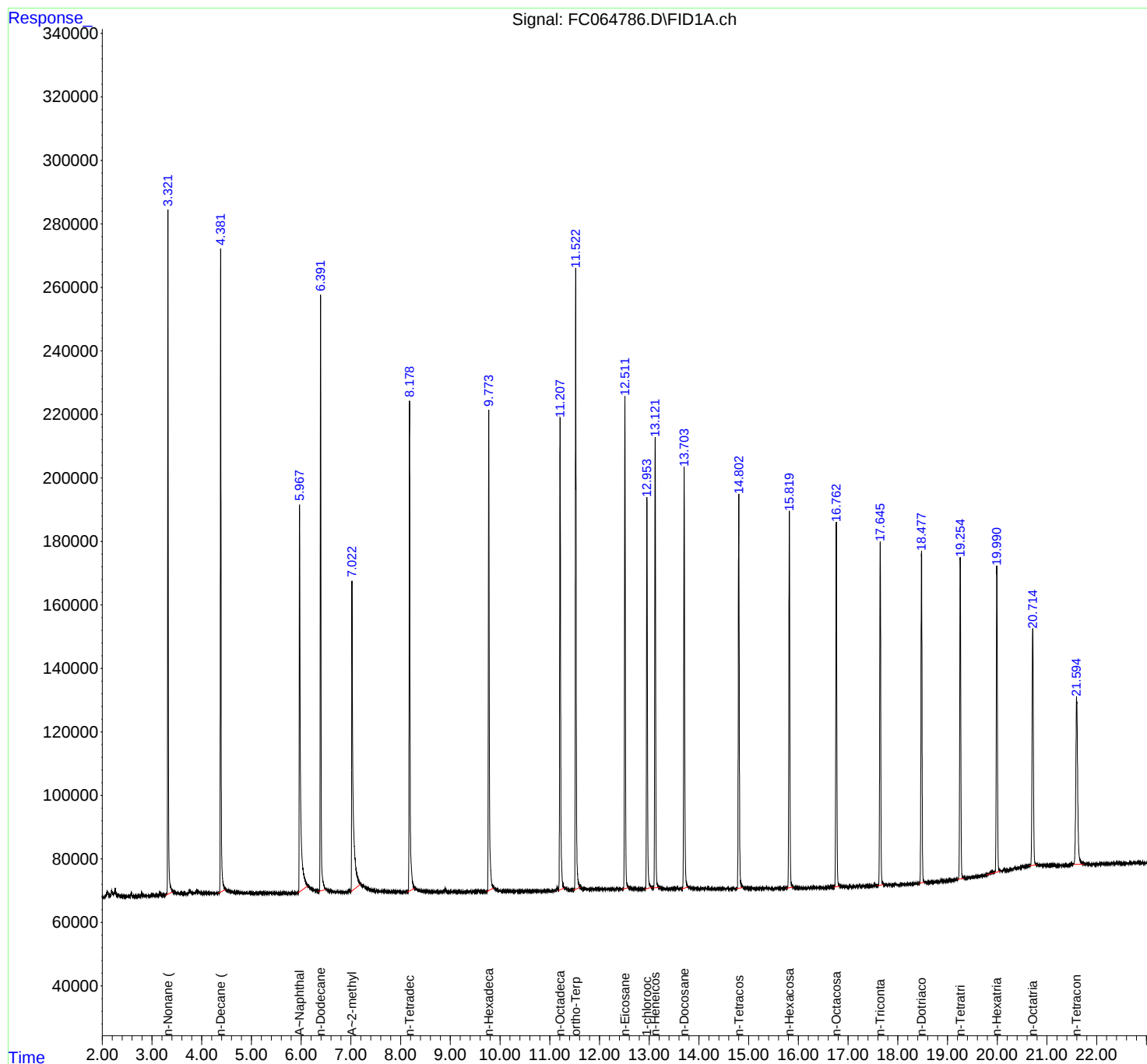
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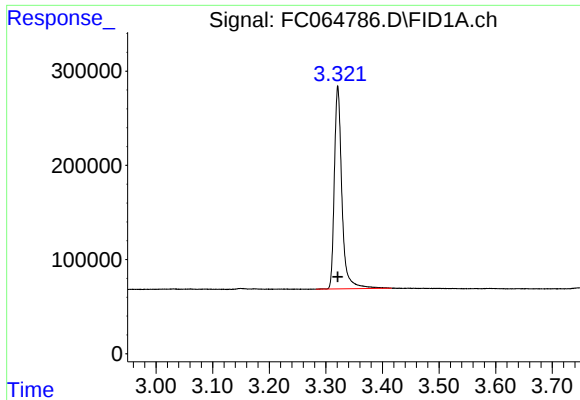
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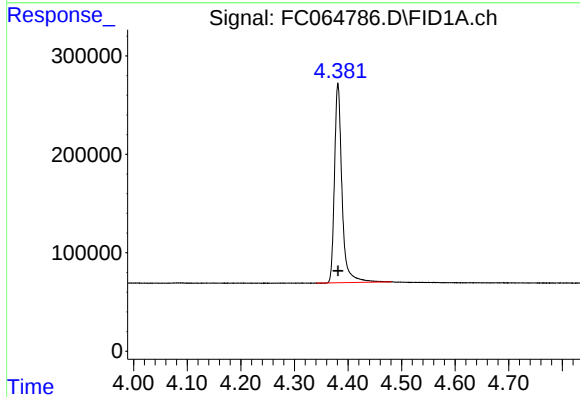
#1 n-Nonane (C9)

R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 1995053
Conc: 10.86 ug/ml

Instrument :
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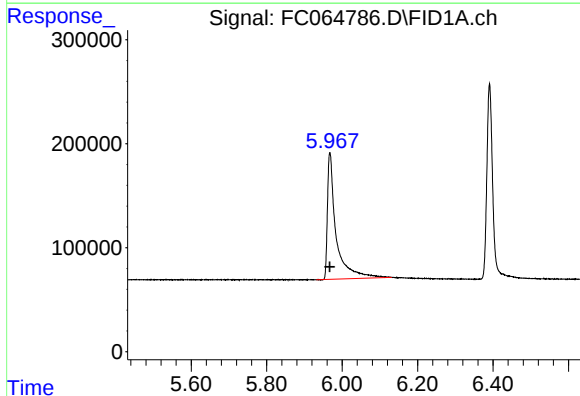
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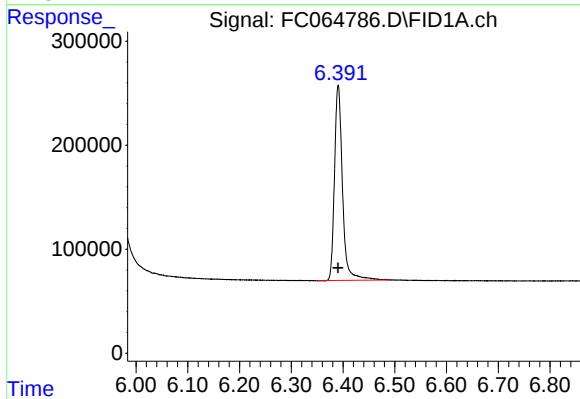
#2 n-Decane (C10)

R.T.: 4.381 min
Delta R.T.: 0.000 min
Response: 1976877
Conc: 10.76 ug/ml



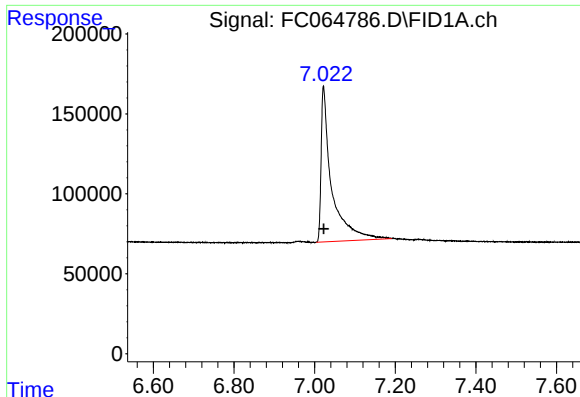
#3 A~Naphthalene (C11.7)

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 1948379
Conc: 10.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 2027480
Conc: 10.88 ug/ml



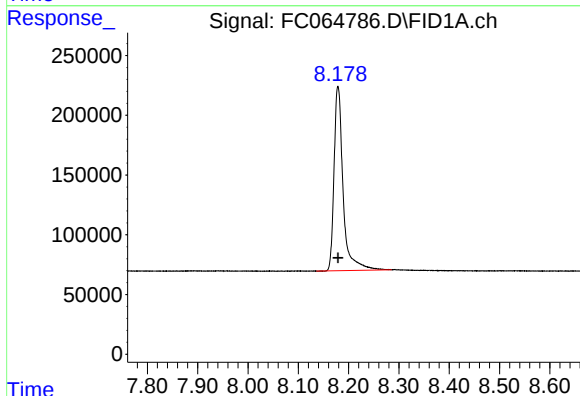
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 1772986
Conc: 9.80 ug/ml

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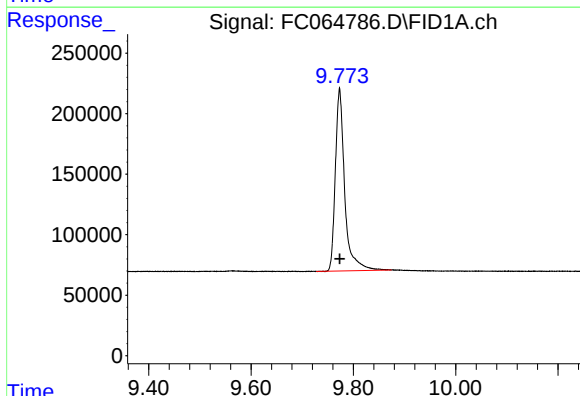
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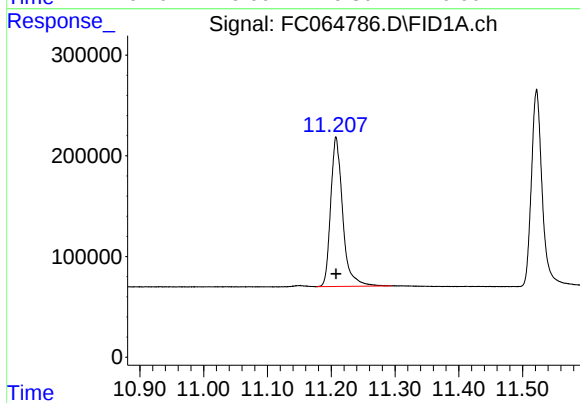
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: 0.000 min
Response: 1936495
Conc: 10.76 ug/ml



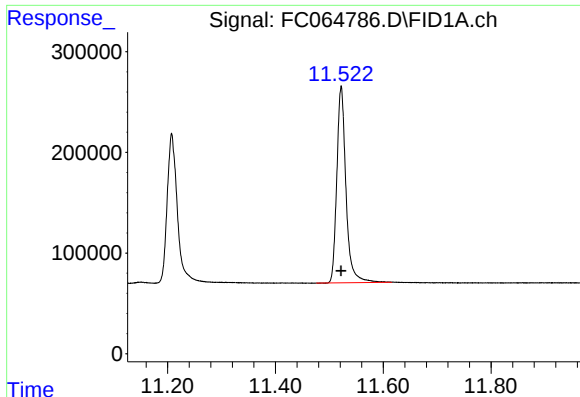
#7 n-Hexadecane (C16)

R.T.: 9.773 min
Delta R.T.: 0.000 min
Response: 1914901
Conc: 10.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 1941562
Conc: 10.88 ug/ml



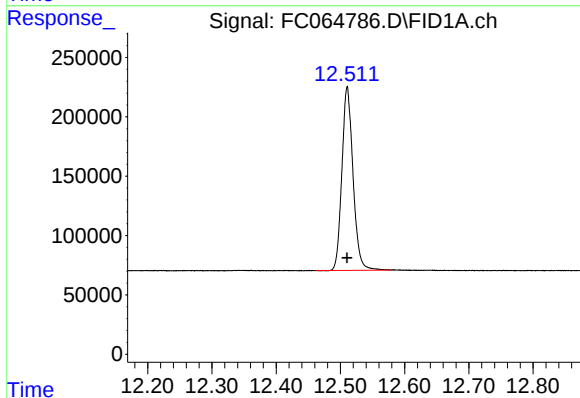
#9 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 2301718
Conc: 10.86 ug/ml

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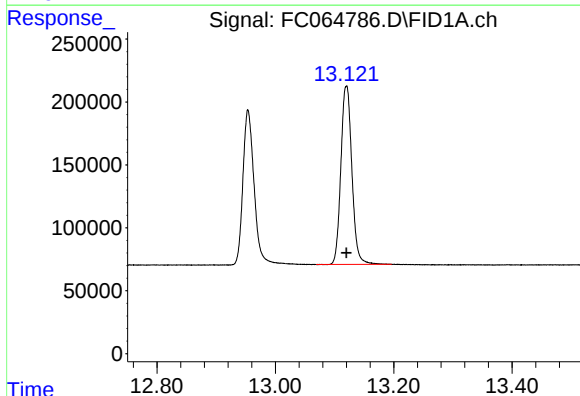
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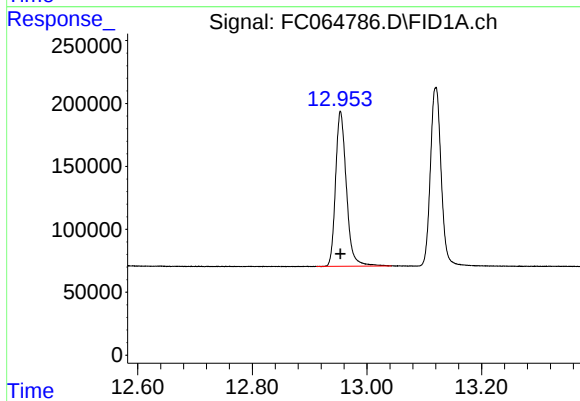
#10 n-Eicosane (C20)

R.T.: 12.511 min
Delta R.T.: 0.000 min
Response: 1864335
Conc: 10.92 ug/ml



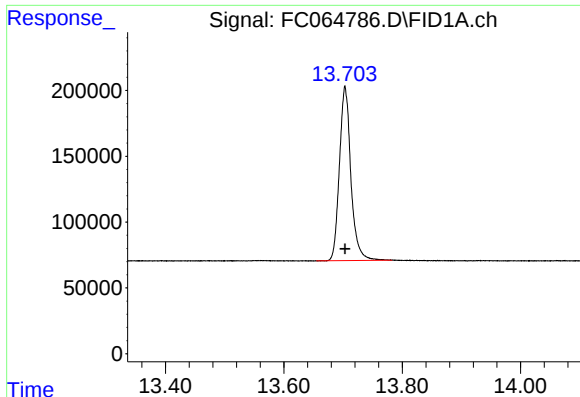
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 1833204
Conc: 10.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.954 min
Delta R.T.: 0.000 min
Response: 1611806
Conc: 10.73 ug/ml



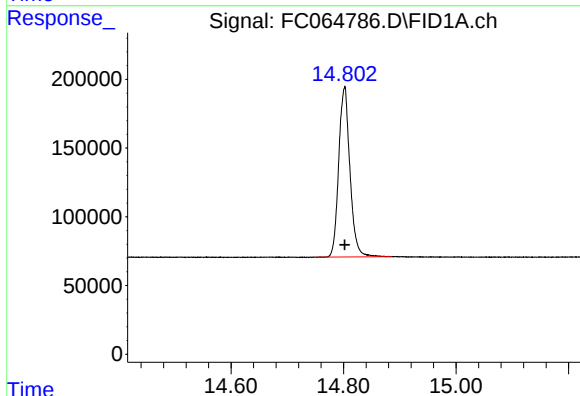
#13 n-Docosane (C22)

R.T.: 13.703 min
Delta R.T.: 0.000 min
Response: 1775292
Conc: 10.87 ug/ml

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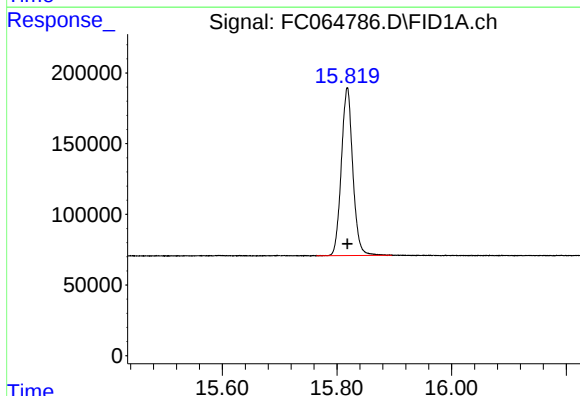
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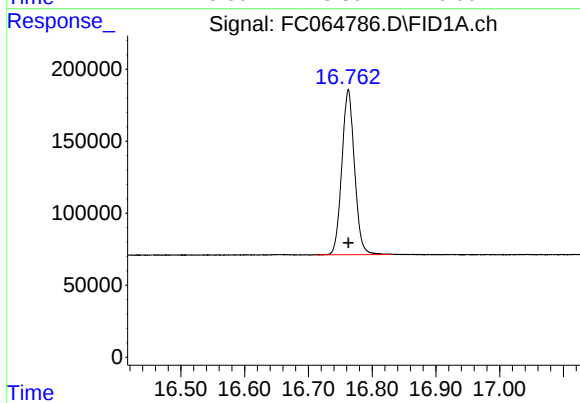
#14 n-Tetracosane (C24)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 1713867
Conc: 10.87 ug/ml



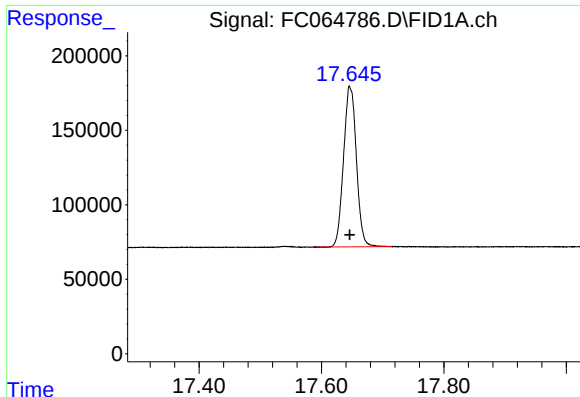
#15 n-Hexacosane (C26)

R.T.: 15.818 min
Delta R.T.: 0.000 min
Response: 1646936
Conc: 10.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.763 min
Delta R.T.: 0.000 min
Response: 1582940
Conc: 10.87 ug/ml



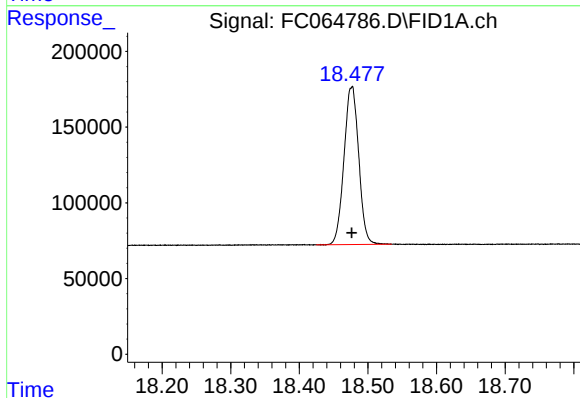
#17 n-Tricontane (C30)

R.T.: 17.646 min
Delta R.T.: 0.000 min
Response: 1571459
Conc: 10.90 ug/ml

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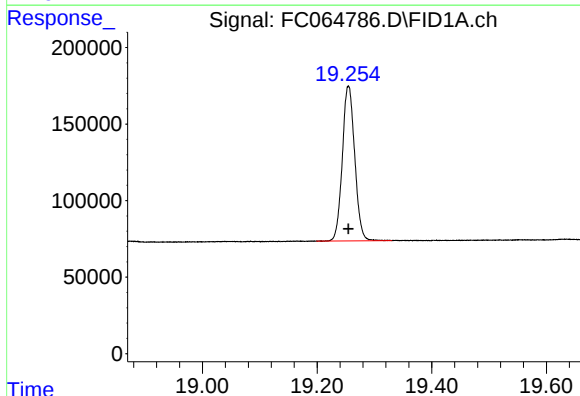
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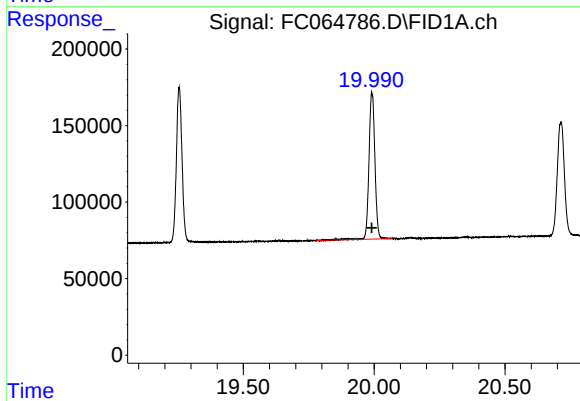
#18 n-Dotriacontane (C32)

R.T.: 18.477 min
Delta R.T.: 0.000 min
Response: 1554029
Conc: 10.96 ug/ml



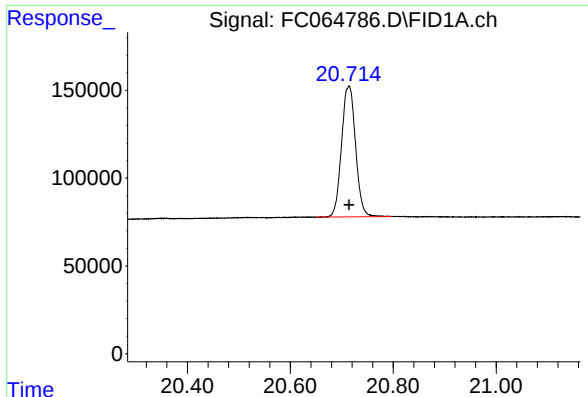
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 1518856
Conc: 10.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: 0.000 min
Response: 1507714
Conc: 11.00 ug/ml



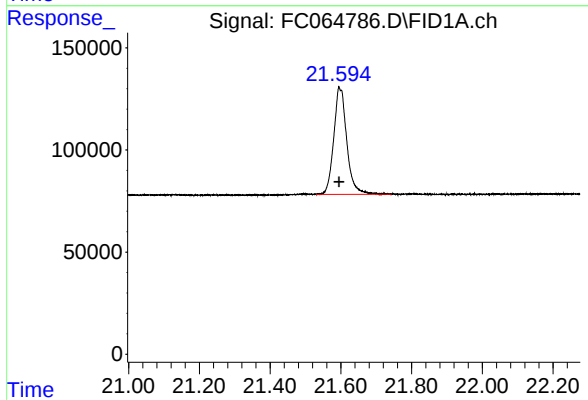
#21 n-Octatriacontane (C38)

R.T.: 20.714 min
Delta R.T.: 0.000 min
Response: 1406500
Conc: 10.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.595 min
Delta R.T.: 0.000 min
Response: 1343630
Conc: 10.77 ug/ml