

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082823AL\
 Data File : FF013423.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2023 04:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2023
 Supervised By :Ankita Jodhani 08/29/2023

Integration File: autoint1.e
 Quant Time: Aug 29 04:38:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.893	2330914	16.965 ug/ml
Spiked Amount 50.000		Recovery =	33.93%
12) S 1-chlorooctadecane (S...	13.332	1791923	17.100 ug/ml
Spiked Amount 50.000		Recovery =	34.20%
Target Compounds			
1) T n-Nonane (C9)	3.280	1781693	16.675 ug/ml
2) T n-Decane (C10)	4.535	1793276	16.734 ug/ml
3) T A~Naphthalene (C11.7)	6.235	1978527	16.712 ug/ml
4) T n-Dodecane (C12)	6.701	1823319	16.850 ug/ml
5) T A~2-methylnaphthalene...	7.330	1980926	16.712 ug/ml
6) T n-Tetradecane (C14)	8.527	1835274	17.002 ug/ml
7) T n-Hexadecane (C16)	10.134	1867644	17.229 ug/ml
8) T n-Octadecane (C18)	11.578	1887633	17.239 ug/ml
10) T n-Eicosane (C20)	12.889	1894541	17.265 ug/ml
11) T n-Heneicosane (C21)	13.500	1880349	17.115 ug/ml
13) T n-Docosane (C22)	14.086	1900927	17.315 ug/ml
14) T n-Tetracosane (C24)	15.189	1928428	17.552 ug/mlm
15) T n-Hexacosane (C26)	16.210	1929417	17.654 ug/ml
16) T n-Octacosane (C28)	17.160	1947817	18.040 ug/ml
17) T n-Tricontane (C30)	18.048	2033008	18.590 ug/ml
18) T n-Dotriacontane (C32)	18.880	2055713	18.199 ug/ml
19) T n-Tetratriacontane (C34)	19.662	1873908	17.641 ug/ml
20) T n-Hexatriacontane (C36)	20.401	1839188	17.449 ug/ml
21) T n-Octatriacontane (C38)	21.130	1792492	17.748 ug/ml
22) T n-Tetracontane (C40)	22.028	1936384	19.483 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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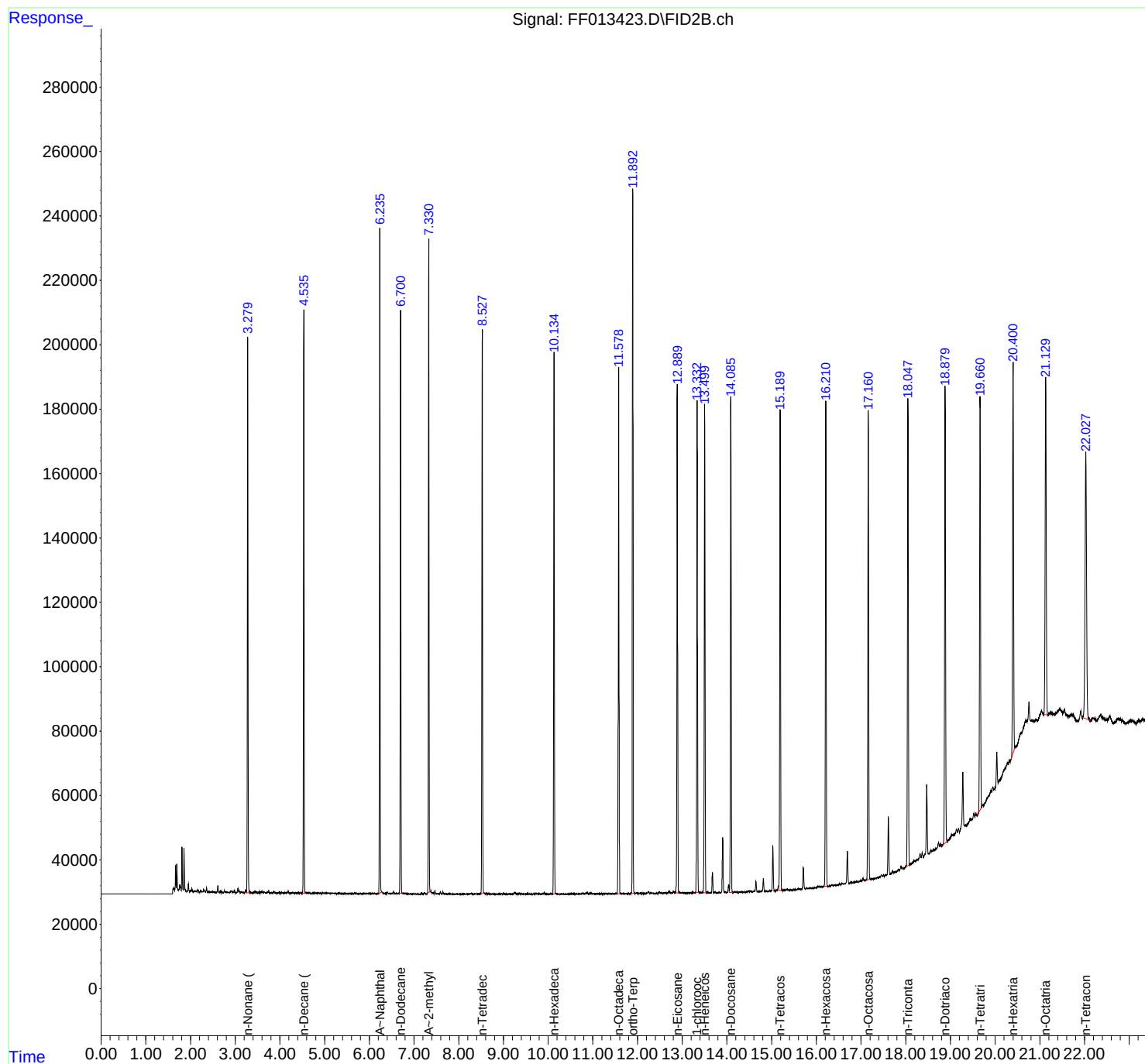
Instrument :
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20 PPM ALIPHATIC HC STD

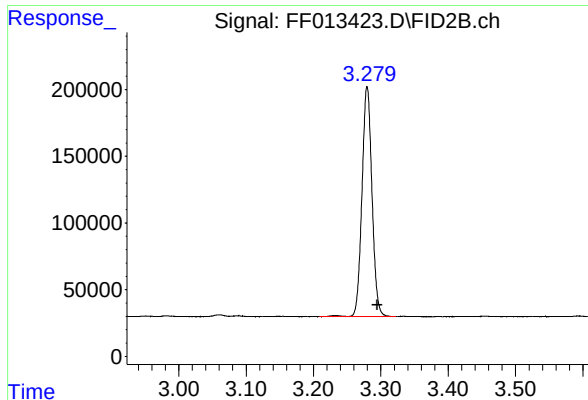
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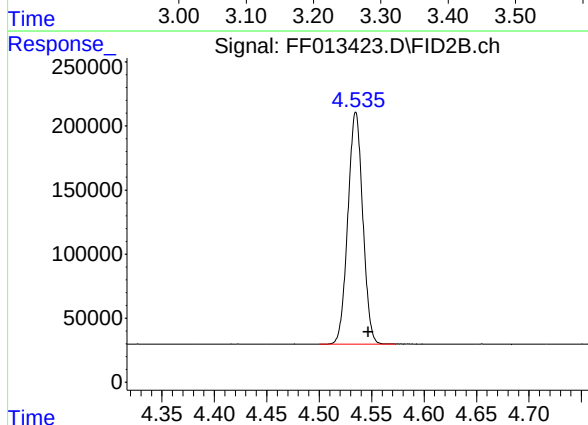
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.015 min
Response: 1781693
Conc: 16.67 ug/ml

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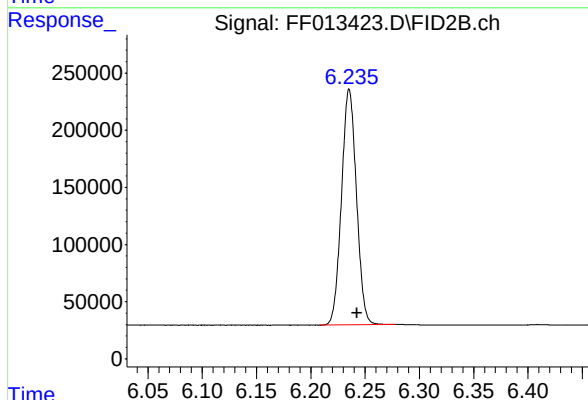
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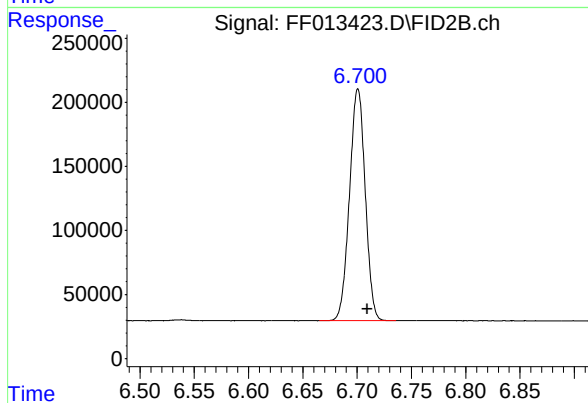
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 1793276
Conc: 16.73 ug/ml



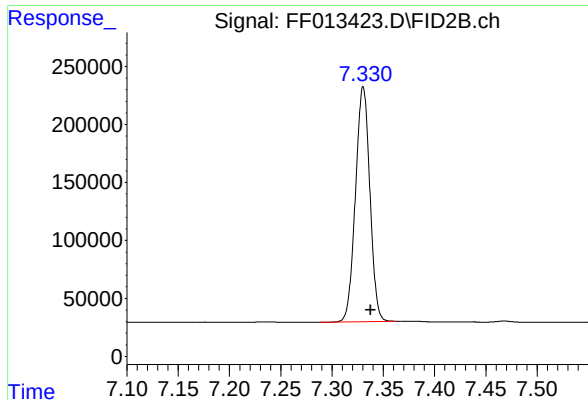
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.007 min
Response: 1978527
Conc: 16.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 1823319
Conc: 16.85 ug/ml



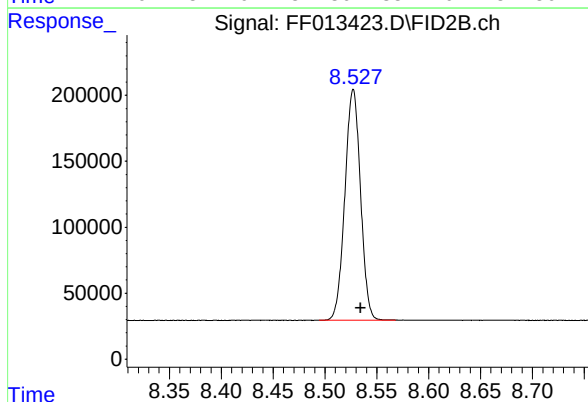
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 1980926
Conc: 16.71 ug/ml

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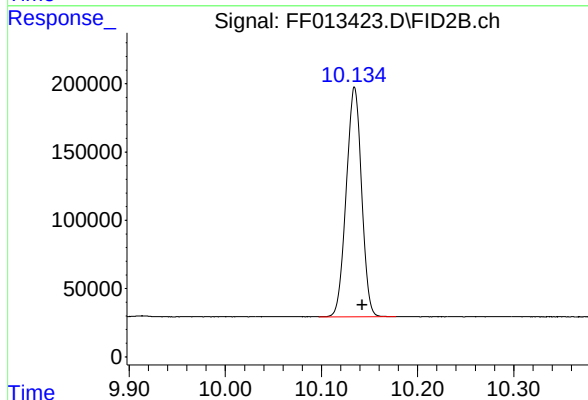
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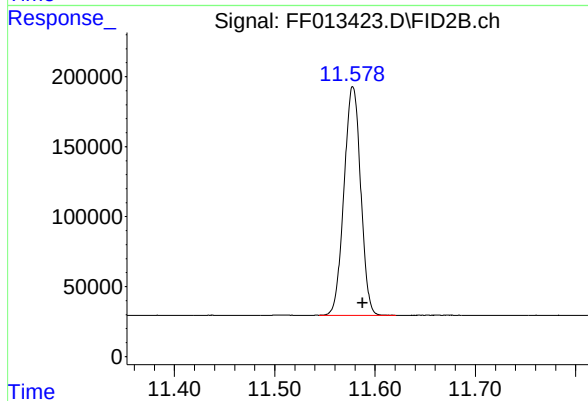
#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 1835274
Conc: 17.00 ug/ml



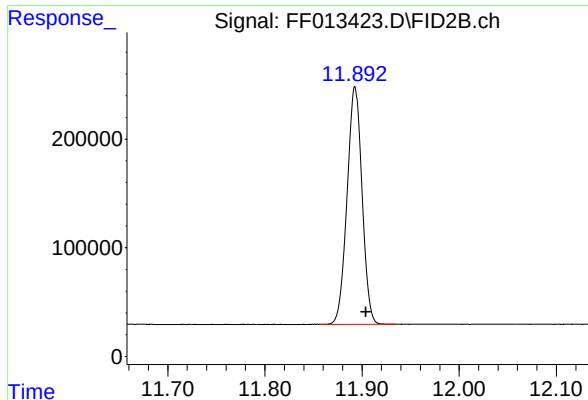
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 1867644
Conc: 17.23 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.010 min
Response: 1887633
Conc: 17.24 ug/ml



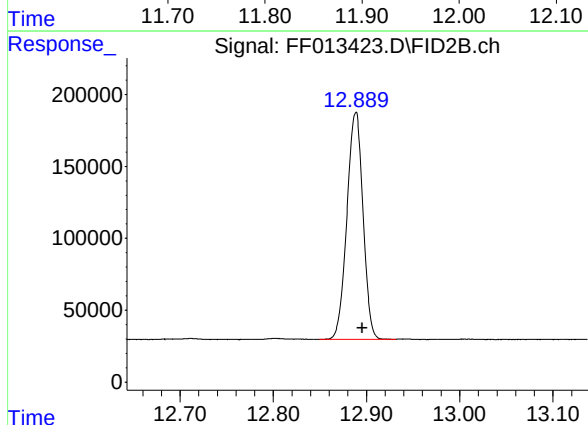
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.011 min
Response: 2330914
Conc: 16.97 ug/ml

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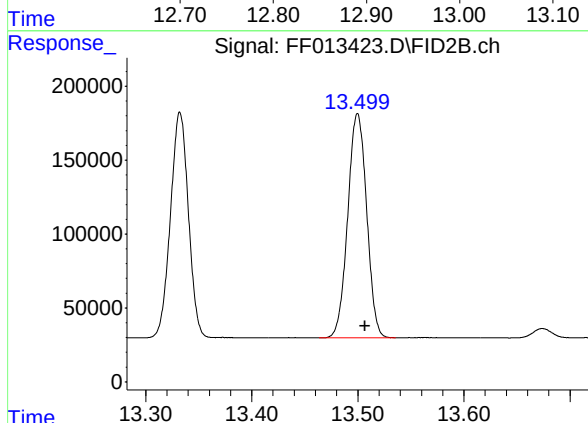
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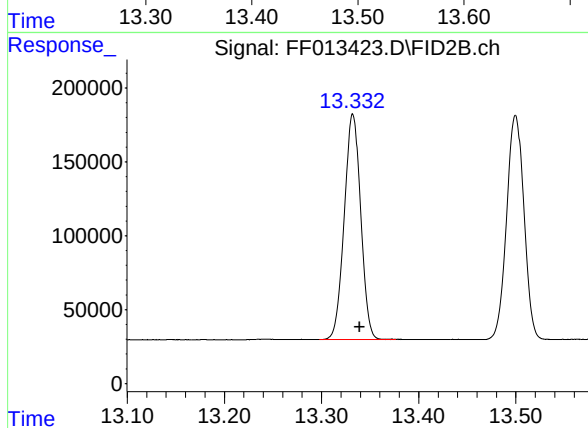
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: -0.007 min
Response: 1894541
Conc: 17.27 ug/ml



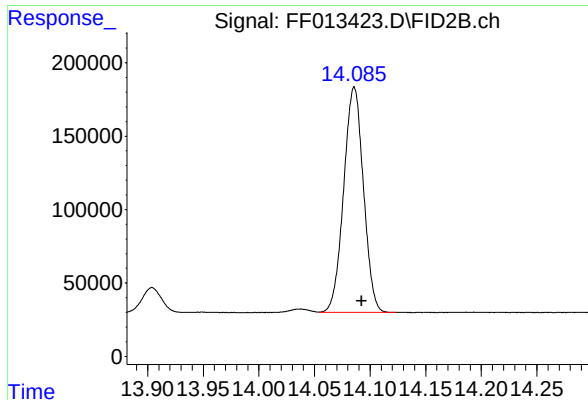
#11 n-Heneicosane (C21)

R.T.: 13.500 min
Delta R.T.: -0.007 min
Response: 1880349
Conc: 17.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.007 min
Response: 1791923
Conc: 17.10 ug/ml



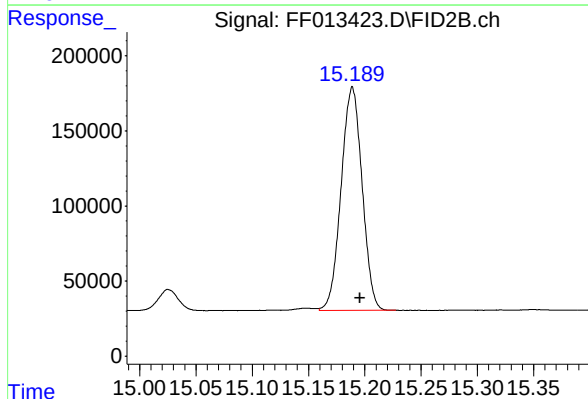
#13 n-Docosane (C22)

R.T.: 14.086 min
Delta R.T.: -0.007 min
Response: 1900927
Conc: 17.31 ug/ml

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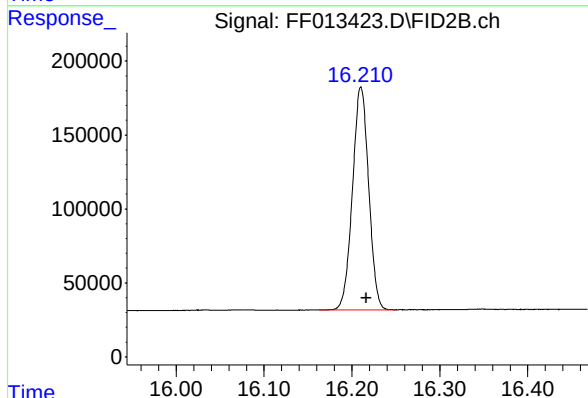
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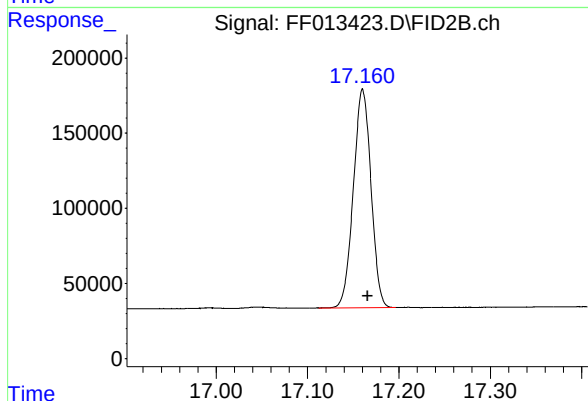
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.007 min
Response: 1928428
Conc: 17.55 ug/ml m



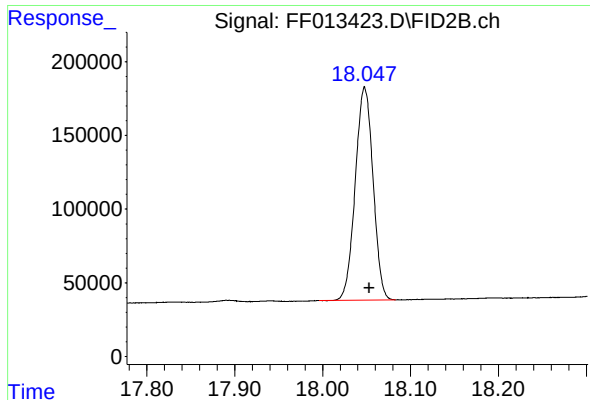
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.006 min
Response: 1929417
Conc: 17.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.006 min
Response: 1947817
Conc: 18.04 ug/ml



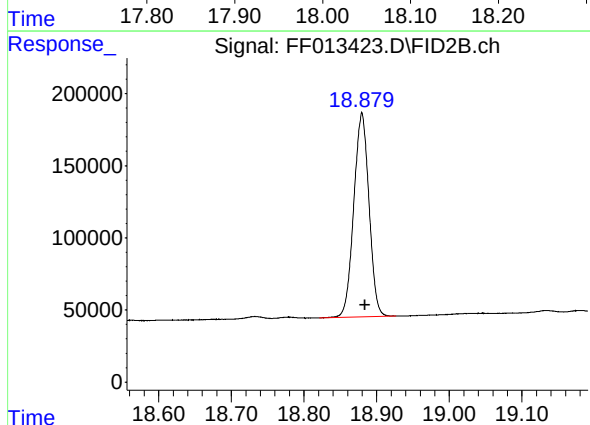
#17 n-Tricontane (C30)

R.T.: 18.048 min
Delta R.T.: -0.005 min
Response: 2033008
Conc: 18.59 ug/ml

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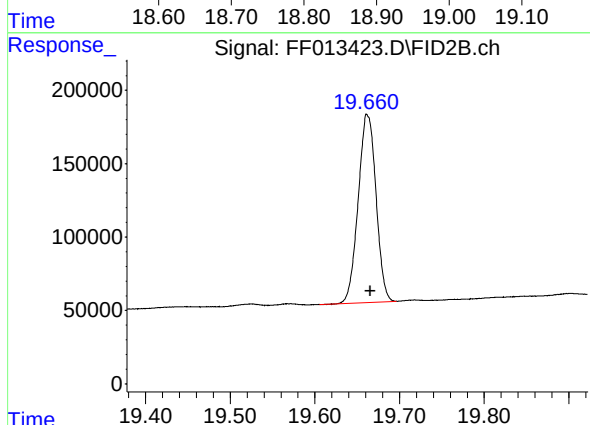
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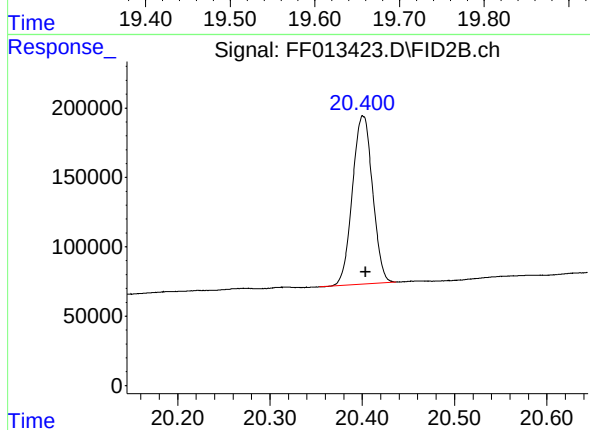
#18 n-Dotriacontane (C32)

R.T.: 18.880 min
Delta R.T.: -0.004 min
Response: 2055713
Conc: 18.20 ug/ml



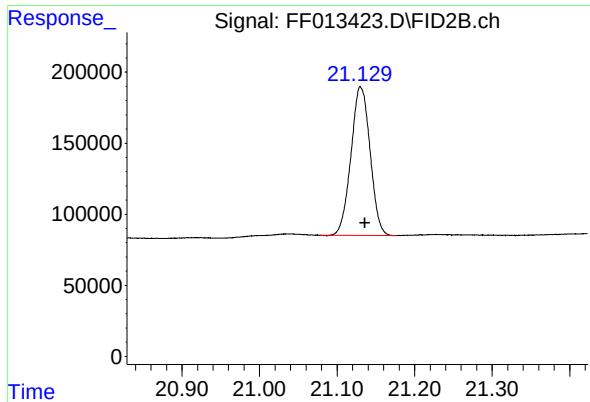
#19 n-Tetatriacontane (C34)

R.T.: 19.662 min
Delta R.T.: -0.004 min
Response: 1873908
Conc: 17.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.401 min
Delta R.T.: -0.003 min
Response: 1839188
Conc: 17.45 ug/ml



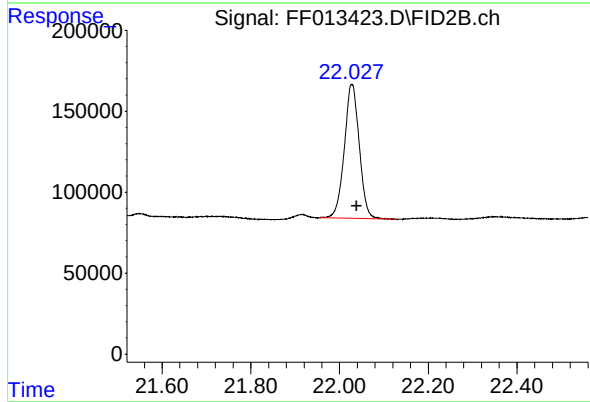
#21 n-Octatriacontane (C38)

R.T.: 21.130 min
Delta R.T.: -0.006 min
Response: 1792492
Conc: 17.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: -0.010 min
Response: 1936384
Conc: 19.48 ug/ml