

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080624AL\
 Data File : FF014403.D
 Signal(s) : FID2B.ch
 Acq On : 06 Aug 2024 05:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File: autoint1.e
 Quant Time: Aug 06 07:18:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 2024
 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)	11.814	2938627	20.865 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
12) S 1-chlorooctadecane (S...	13.256	2053924	21.968 ug/ml
Spiked Amount 50.000		Recovery =	43.94%
Target Compounds			
1) T n-Nonane (C9)	3.216	2621579	20.284 ug/ml
2) T n-Decane (C10)	4.464	2668051	20.363 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2679705	21.046 ug/ml
4) T n-Dodecane (C12)	6.630	2715636	20.534 ug/ml
5) T A~2-methylnaphthalene...	7.254	2457560	21.213 ug/ml
6) T n-Tetradecane (C14)	8.455	2674457	20.776 ug/ml
7) T n-Hexadecane (C16)	10.061	2728053	21.070 ug/ml
8) T n-Octadecane (C18)	11.503	2805860	21.250 ug/ml
10) T n-Eicosane (C20)	12.813	2688857	21.394 ug/ml
11) T n-Heneicosane (C21)	13.425	2629371	21.438 ug/ml
13) T n-Docosane (C22)	14.011	2578811	21.519 ug/ml
14) T n-Tetracosane (C24)	15.115	2512909	21.502 ug/ml
15) T n-Hexacosane (C26)	16.136	2411863	21.339 ug/ml
16) T n-Octacosane (C28)	17.085	2303804	20.900 ug/ml
17) T n-Tricontane (C30)	17.973	2284203	20.464 ug/ml
18) T n-Dotriacontane (C32)	18.805	2168290	19.755 ug/ml
19) T n-Tetratriacontane (C34)	19.587	1981300	19.302 ug/mlm
20) T n-Hexatriacontane (C36)	20.328	1683518	18.857 ug/mlm
21) T n-Octatriacontane (C38)	21.049	1297402	18.840 ug/ml
22) T n-Tetracontane (C40)	21.927	790507	17.670 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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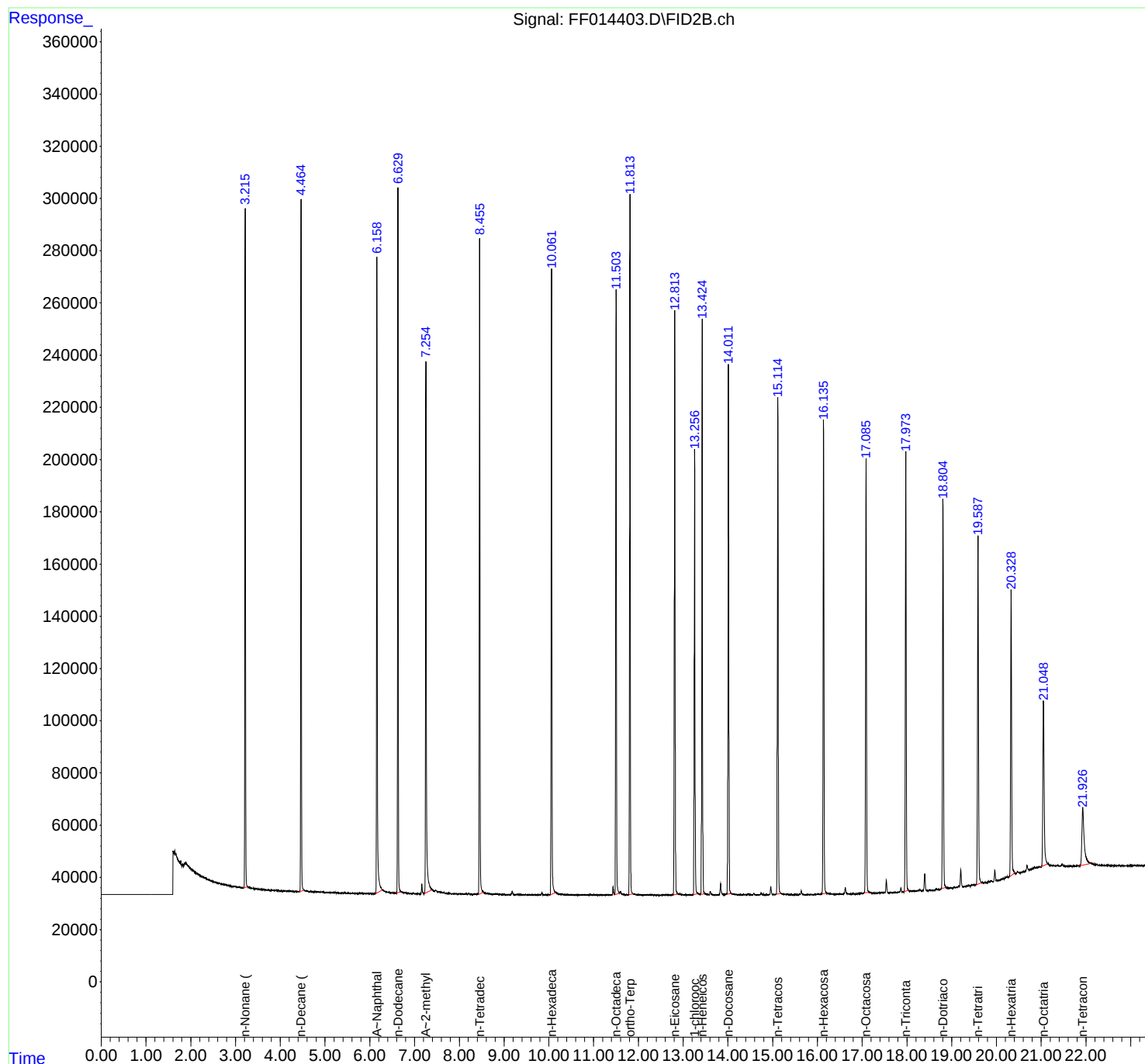
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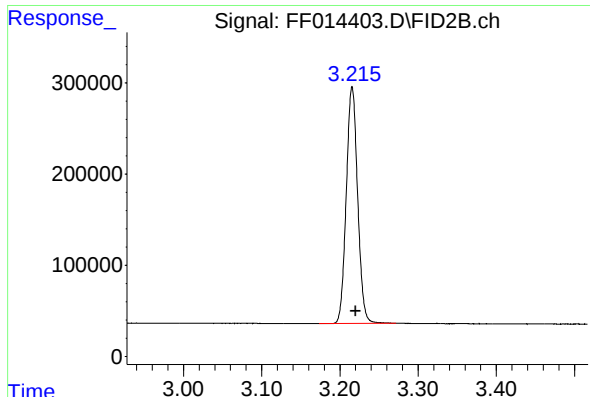
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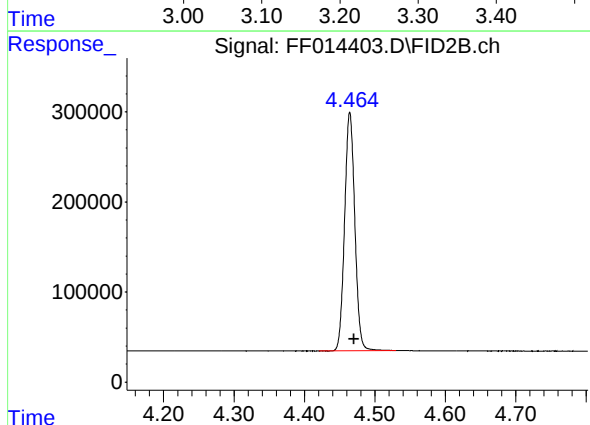
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 2621579
Conc: 20.28 ug/ml

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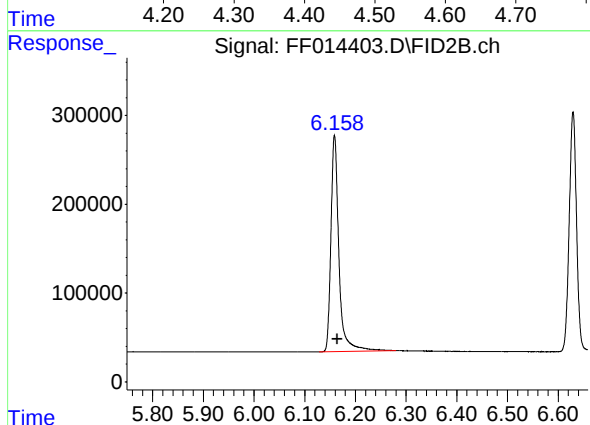
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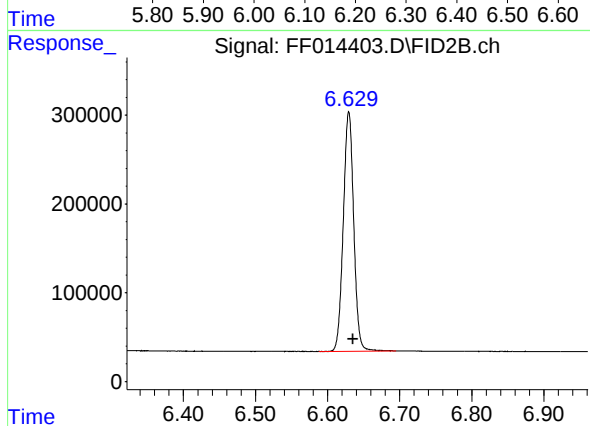
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.006 min
Response: 2668051
Conc: 20.36 ug/ml



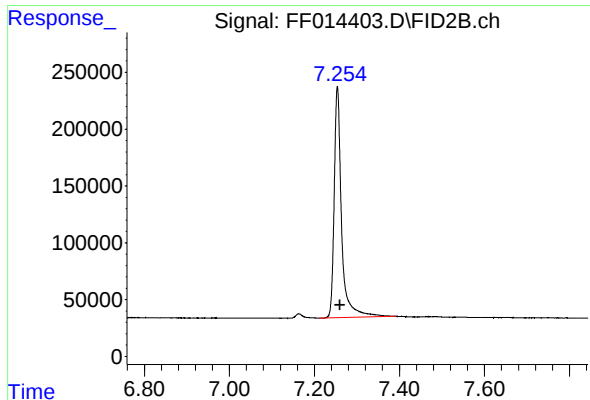
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.006 min
Response: 2679705
Conc: 21.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.006 min
Response: 2715636
Conc: 20.53 ug/ml



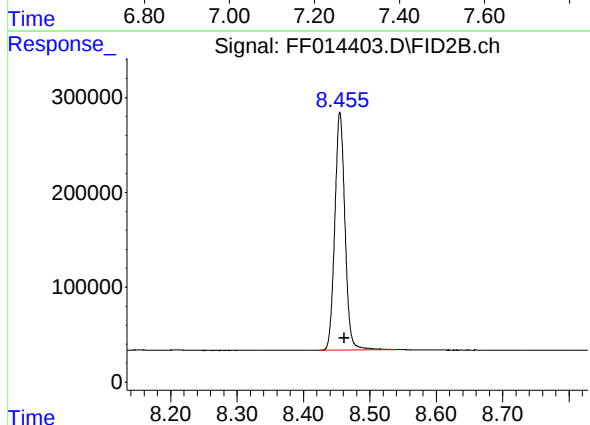
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 2457560
Conc: 21.21 ug/ml

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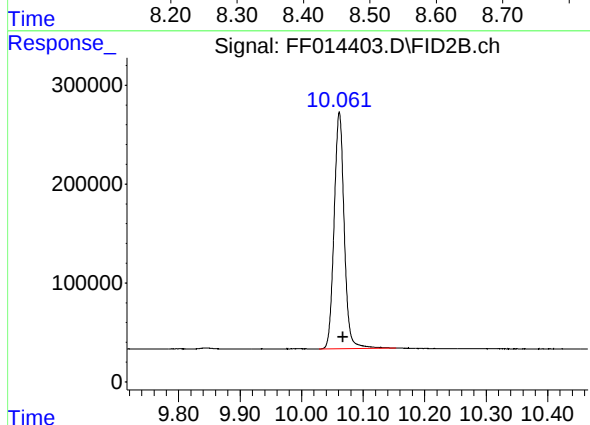
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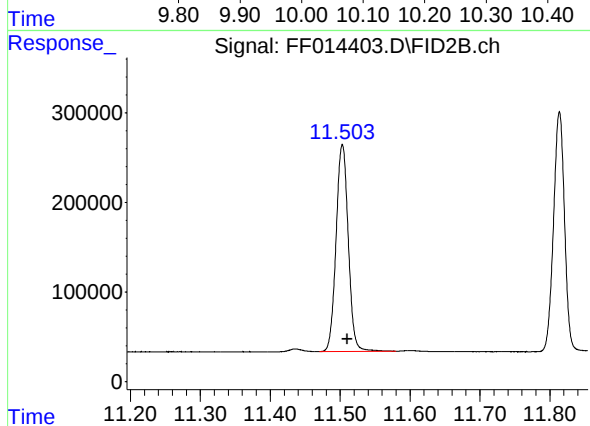
#6 n-Tetradecane (C14)

R.T.: 8.455 min
Delta R.T.: -0.007 min
Response: 2674457
Conc: 20.78 ug/ml



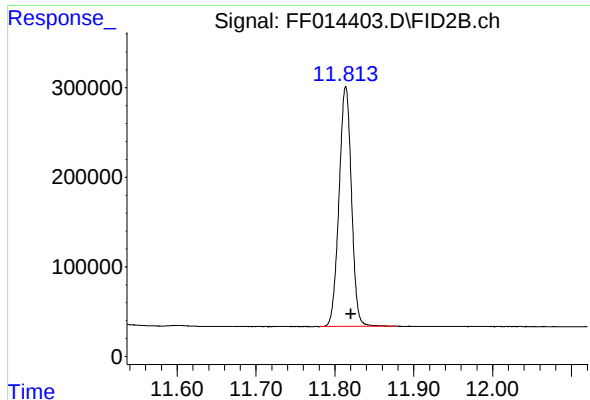
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.006 min
Response: 2728053
Conc: 21.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.503 min
Delta R.T.: -0.007 min
Response: 2805860
Conc: 21.25 ug/ml



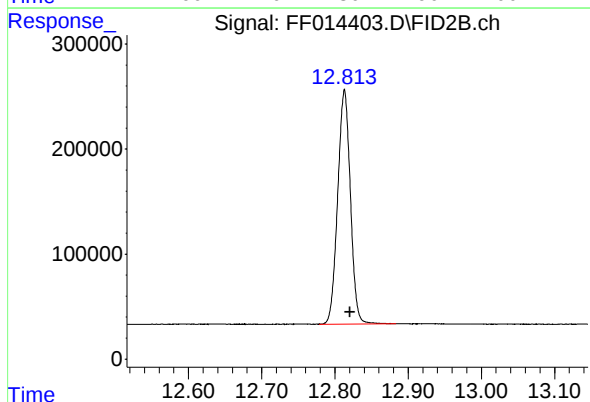
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.007 min
Response: 2938627
Conc: 20.86 ug/ml

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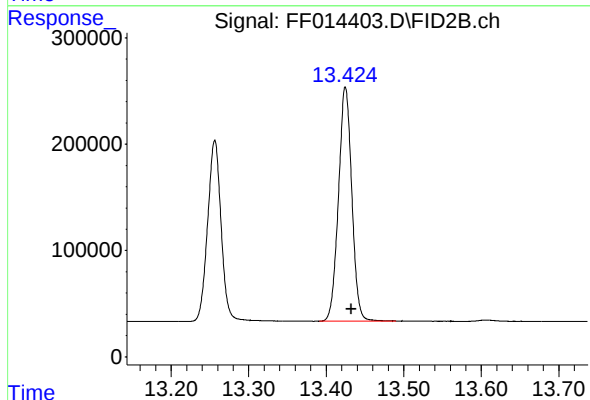
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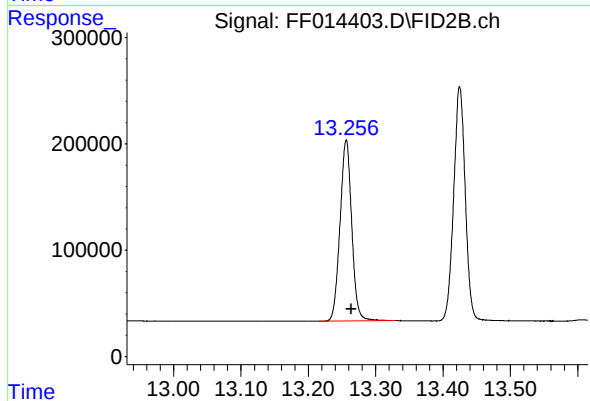
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.007 min
Response: 2688857
Conc: 21.39 ug/ml



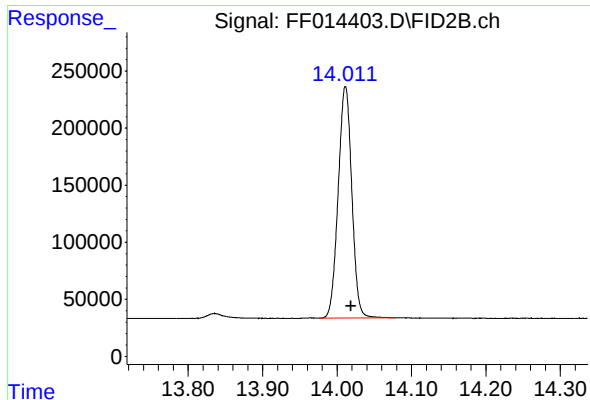
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 2629371
Conc: 21.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.256 min
Delta R.T.: -0.008 min
Response: 2053924
Conc: 21.97 ug/ml



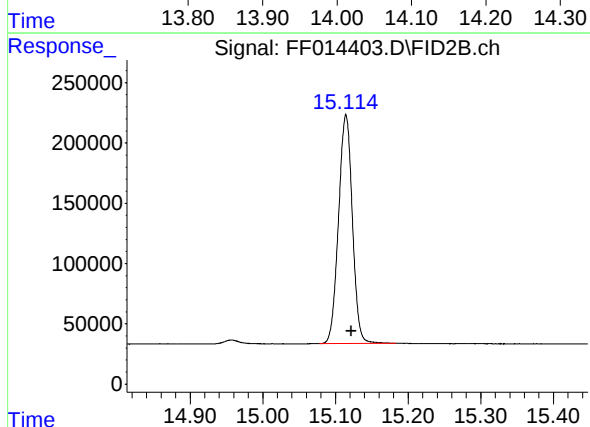
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 2578811
Conc: 21.52 ug/ml

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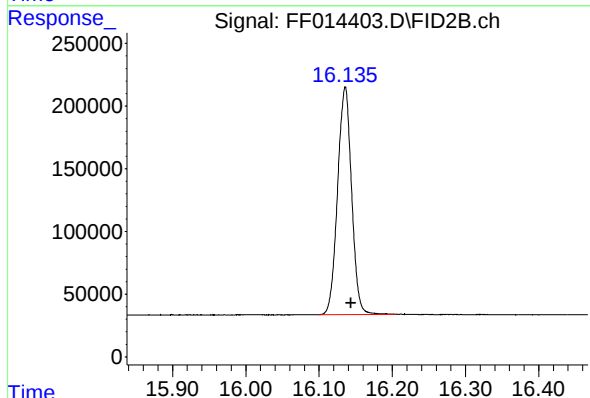
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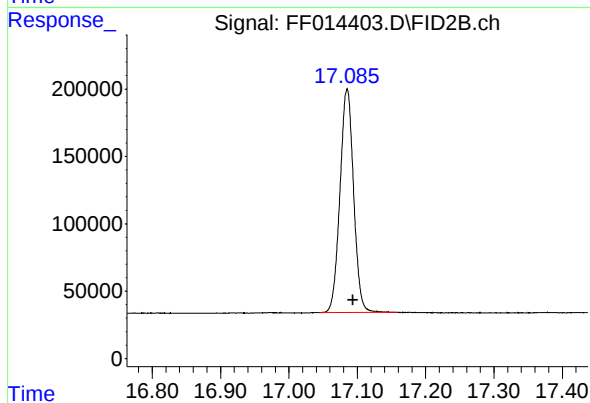
#14 n-Tetracosane (C24)

R.T.: 15.115 min
Delta R.T.: -0.007 min
Response: 2512909
Conc: 21.50 ug/ml



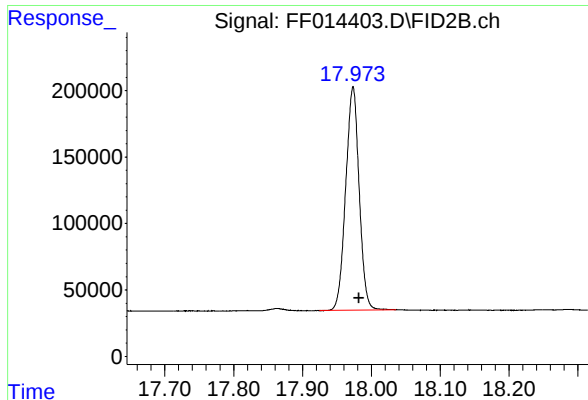
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 2411863
Conc: 21.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.085 min
Delta R.T.: -0.009 min
Response: 2303804
Conc: 20.90 ug/ml



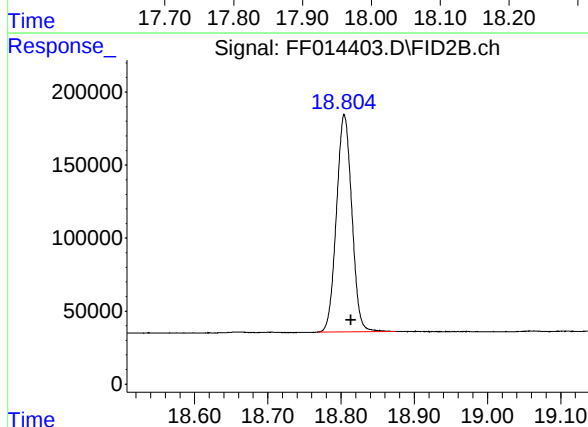
#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.009 min
Response: 2284203
Conc: 20.46 ug/ml

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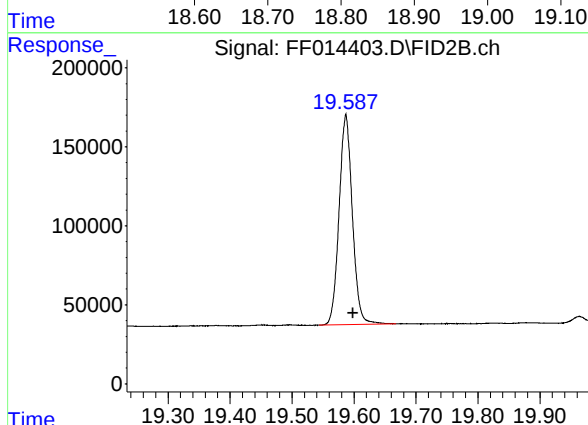
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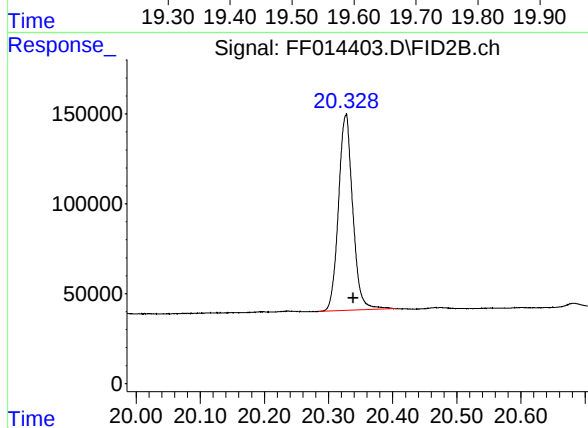
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.009 min
Response: 2168290
Conc: 19.75 ug/ml



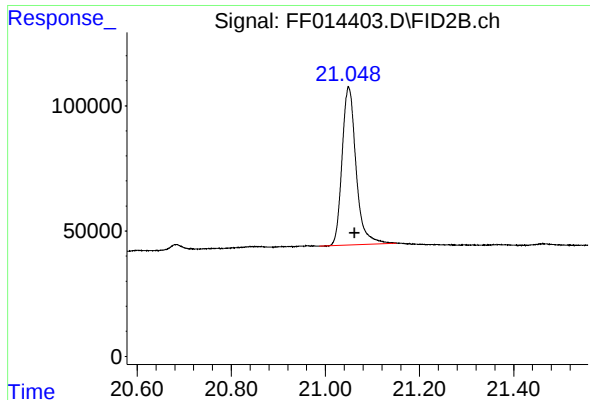
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.012 min
Response: 1981300
Conc: 19.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.011 min
Response: 1683518
Conc: 18.86 ug/ml m



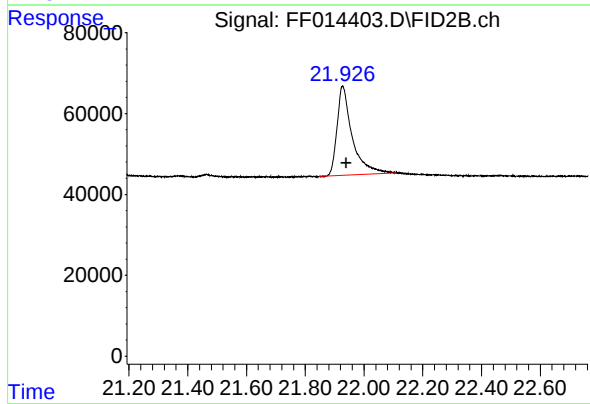
#21 n-Octatriacontane (C38)

R.T.: 21.049 min
Delta R.T.: -0.013 min
Response: 1297402
Conc: 18.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.012 min
Response: 790507
Conc: 17.67 ug/ml