

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014394.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 15:33
 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 06:26:00 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	2801201	19.889 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.256	1912431	20.455 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
Target Compounds			
1) T n-Nonane (C9)	3.216	2583406	19.989 ug/ml
2) T n-Decane (C10)	4.464	2631115	20.081 ug/ml
3) T A~Naphthalene (C11.7)	6.159	2601000	20.427 ug/ml
4) T n-Dodecane (C12)	6.629	2670065	20.190 ug/ml
5) T A~2-methylnaphthalene...	7.254	2375162	20.502 ug/ml
6) T n-Tetradecane (C14)	8.456	2588884	20.111 ug/ml
7) T n-Hexadecane (C16)	10.061	2631124	20.321 ug/ml
8) T n-Octadecane (C18)	11.504	2677166	20.276 ug/ml
10) T n-Eicosane (C20)	12.813	2537338	20.188 ug/ml
11) T n-Heneicosane (C21)	13.425	2475034	20.179 ug/ml
13) T n-Docosane (C22)	14.012	2424985	20.235 ug/ml
14) T n-Tetracosane (C24)	15.116	2345871	20.072 ug/ml
15) T n-Hexacosane (C26)	16.136	2253204	19.936 ug/ml
16) T n-Octacosane (C28)	17.087	2156423	19.563 ug/ml
17) T n-Tricontane (C30)	17.974	2134974	19.127 ug/ml
18) T n-Dotriacontane (C32)	18.806	2026339	18.462 ug/ml
19) T n-Tetratriacontane (C34)	19.590	1839791	17.924 ug/mlm
20) T n-Hexatriacontane (C36)	20.329	1571673	17.605 ug/mlm
21) T n-Octatriacontane (C38)	21.052	1189428	17.272 ug/ml
22) T n-Tetracontane (C40)	21.933	705245	15.764 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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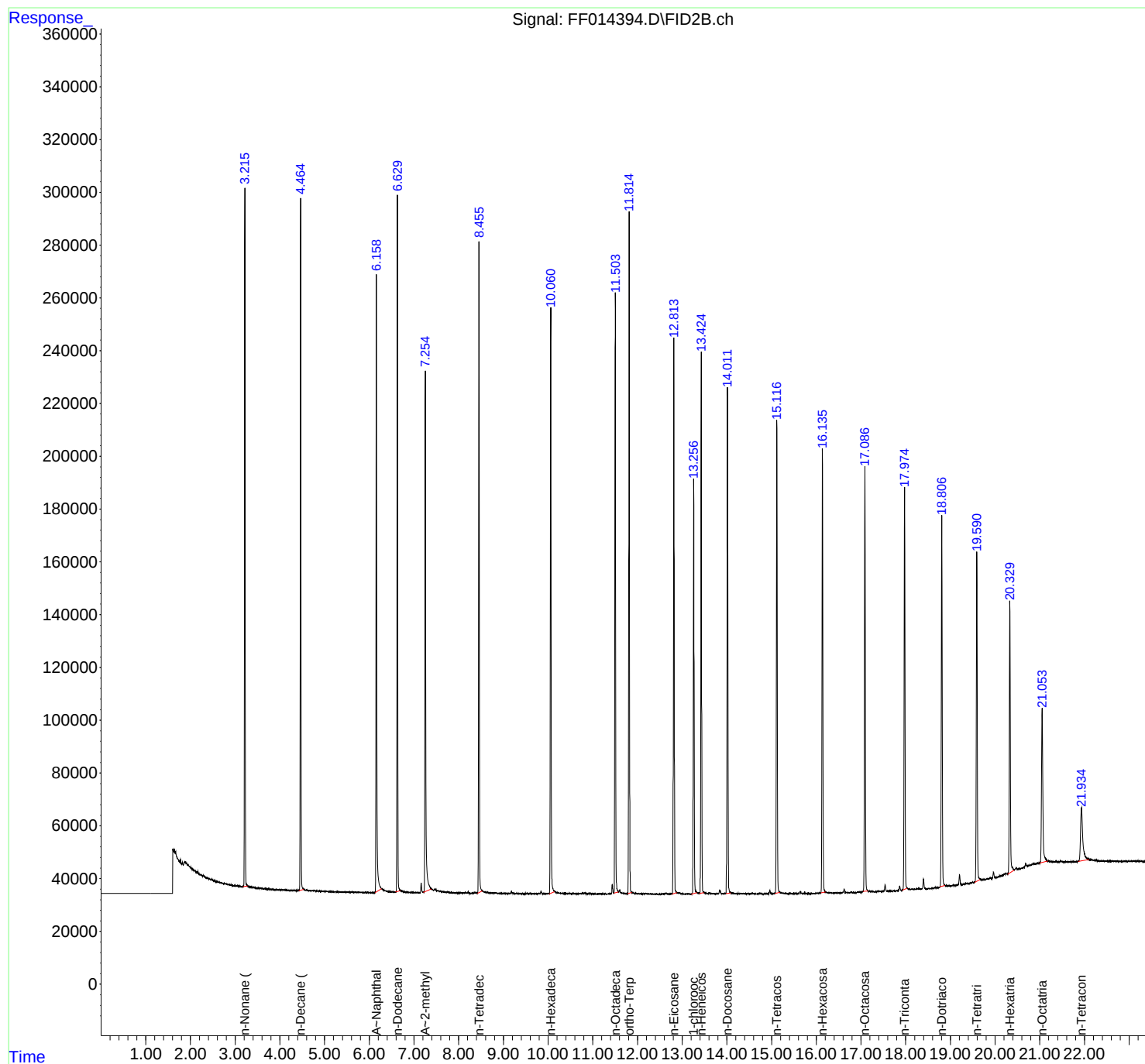
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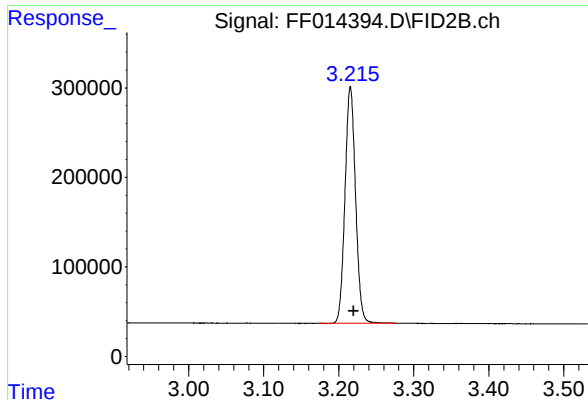
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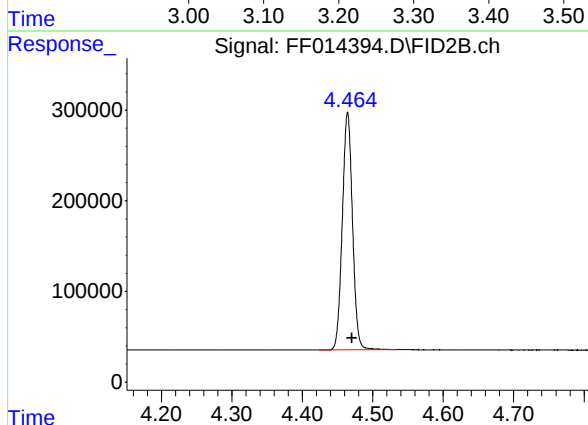
#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 2583406
Conc: 19.99 ug/ml

Instrument : FID_F
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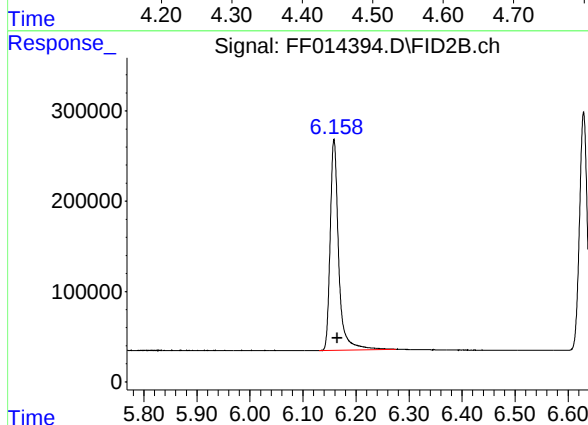
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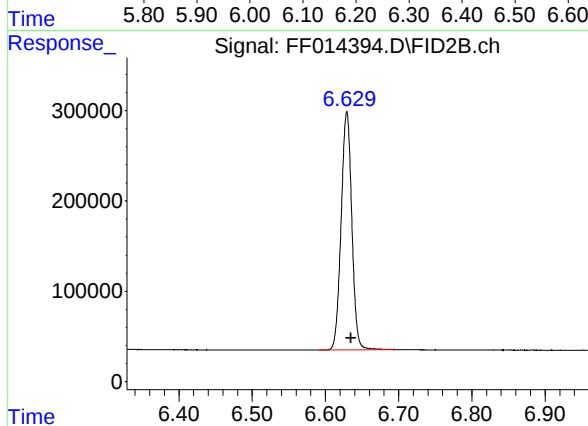
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.006 min
Response: 2631115
Conc: 20.08 ug/ml



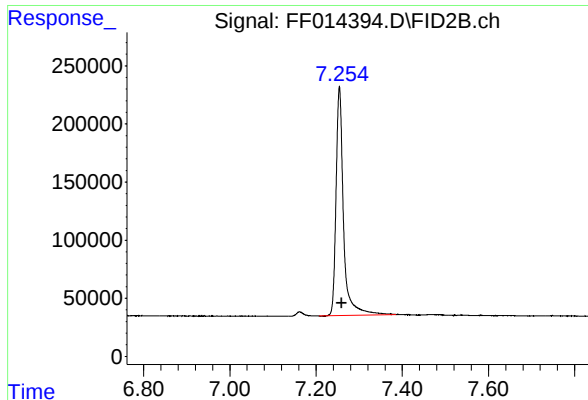
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min
Delta R.T.: -0.006 min
Response: 2601000
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.629 min
Delta R.T.: -0.006 min
Response: 2670065
Conc: 20.19 ug/ml



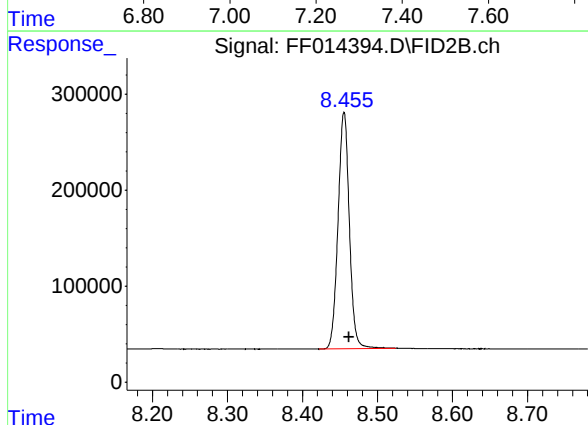
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 2375162
Conc: 20.50 ug/ml

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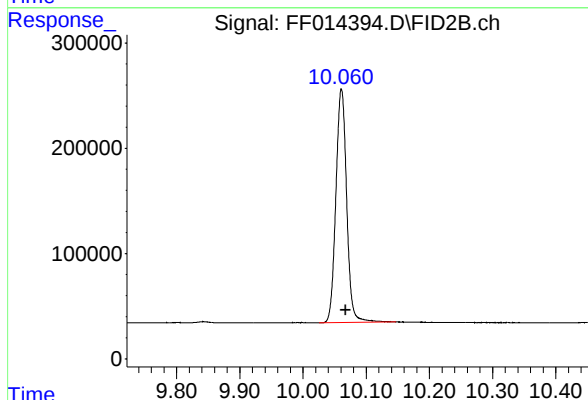
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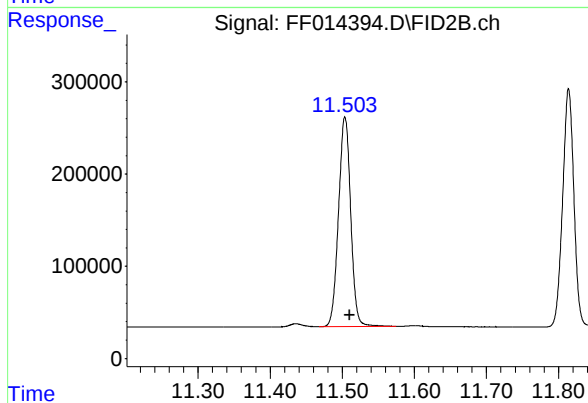
#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 2588884
Conc: 20.11 ug/ml



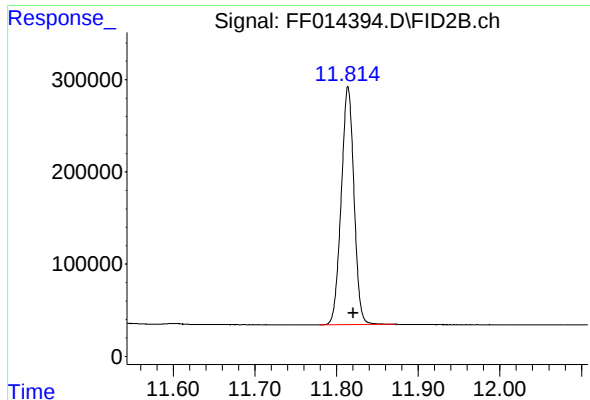
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.007 min
Response: 2631124
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 2677166
Conc: 20.28 ug/ml



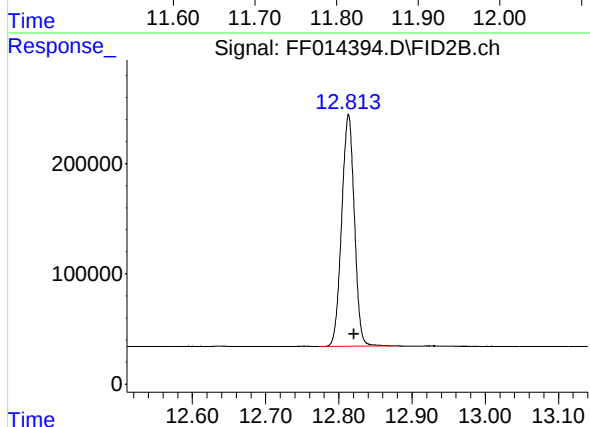
#9 ortho-Terphenyl (SURR)

R.T.: 11.814 min
Delta R.T.: -0.007 min
Response: 2801201
Conc: 19.89 ug/ml

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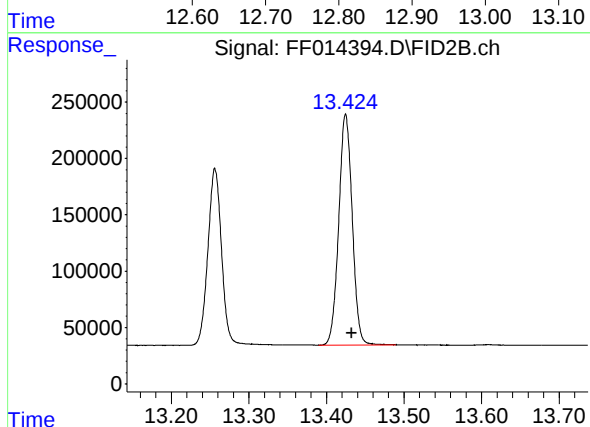
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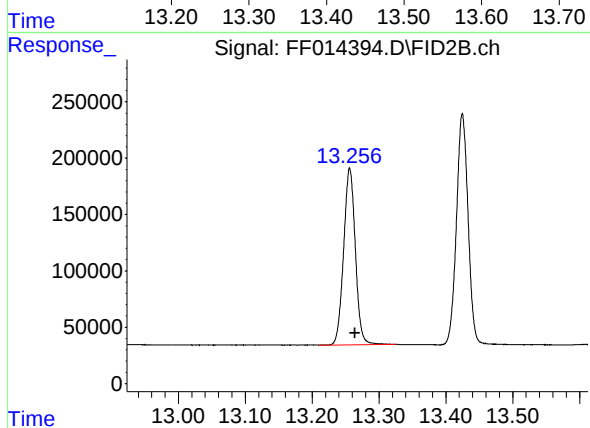
#10 n-Eicosane (C20)

R.T.: 12.813 min
Delta R.T.: -0.007 min
Response: 2537338
Conc: 20.19 ug/ml



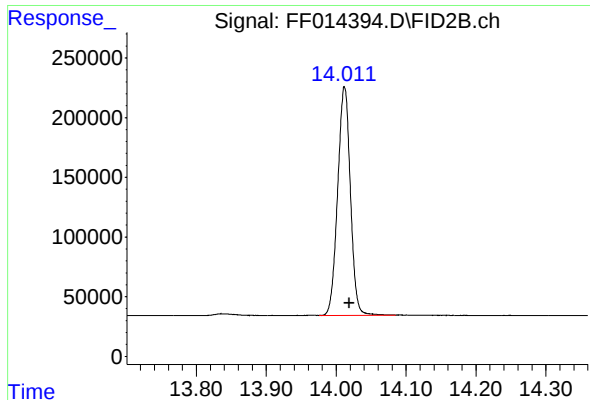
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.008 min
Response: 2475034
Conc: 20.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.256 min
Delta R.T.: -0.008 min
Response: 1912431
Conc: 20.45 ug/ml



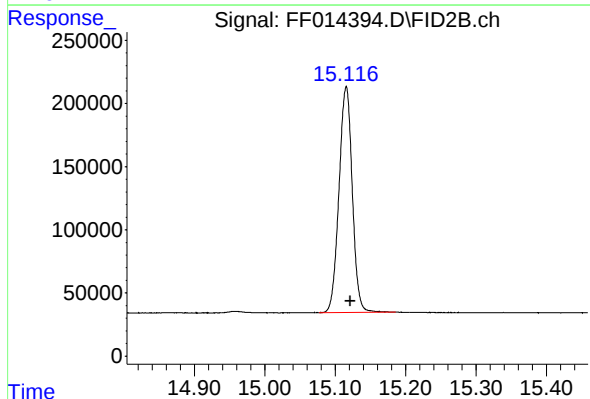
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.007 min
Response: 2424985
Conc: 20.24 ug/ml

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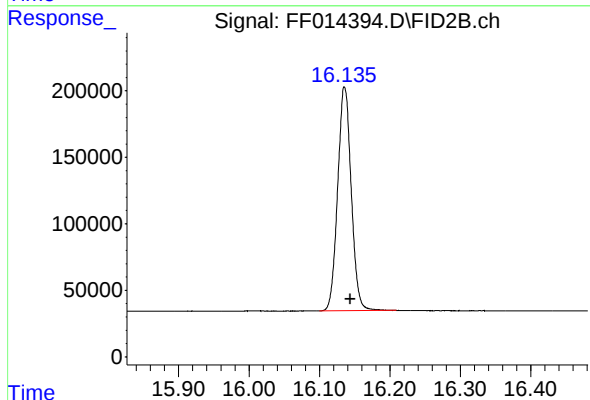
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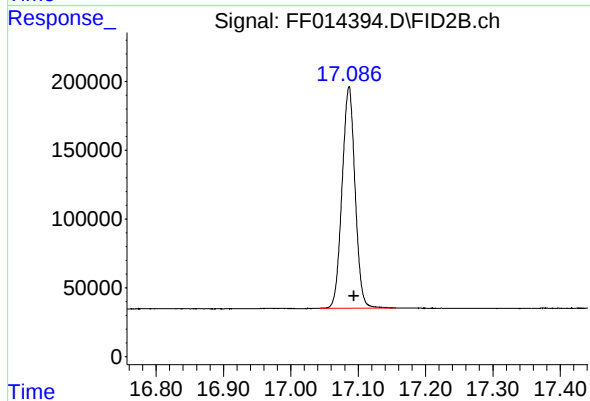
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: -0.006 min
Response: 2345871
Conc: 20.07 ug/ml



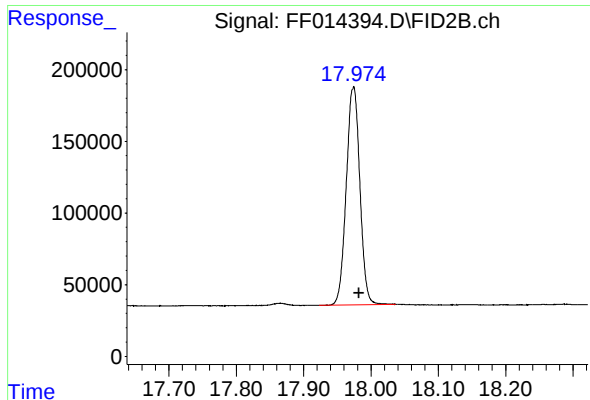
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 2253204
Conc: 19.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.087 min
Delta R.T.: -0.007 min
Response: 2156423
Conc: 19.56 ug/ml



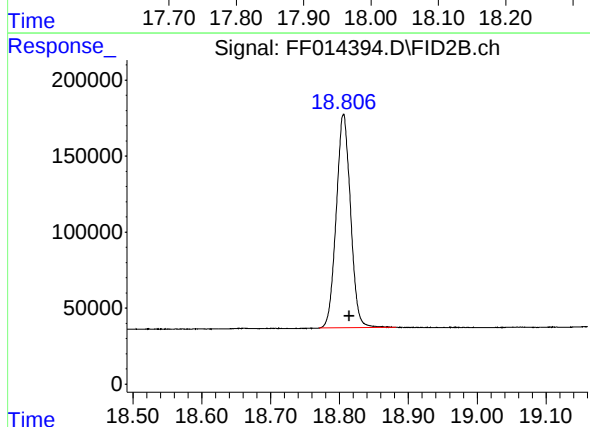
#17 n-Tricontane (C30)

R.T.: 17.974 min
Delta R.T.: -0.008 min
Response: 2134974
Conc: 19.13 ug/ml

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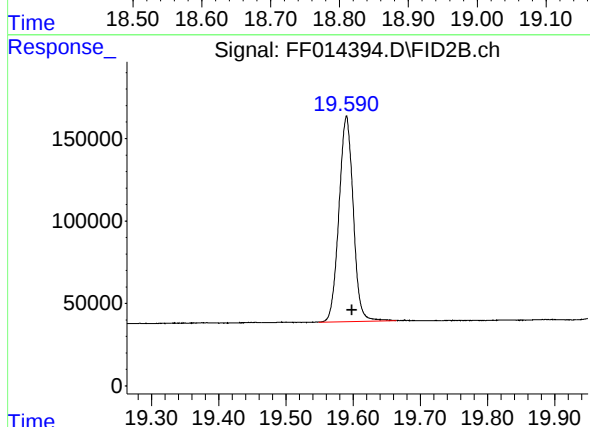
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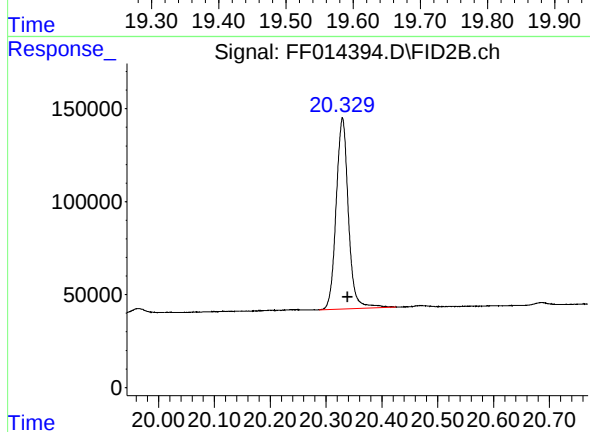
#18 n-Dotriacontane (C32)

R.T.: 18.806 min
Delta R.T.: -0.008 min
Response: 2026339
Conc: 18.46 ug/ml



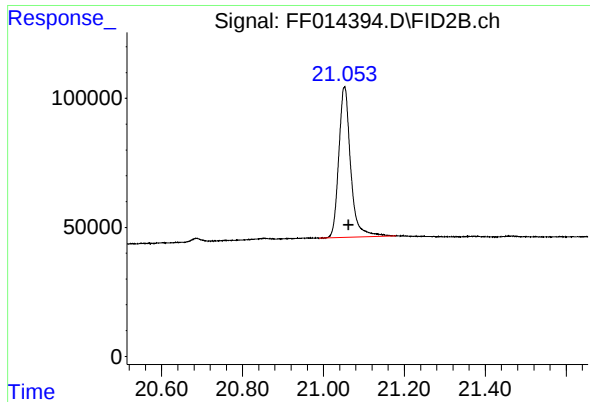
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min
Delta R.T.: -0.009 min
Response: 1839791
Conc: 17.92 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.329 min
Delta R.T.: -0.010 min
Response: 1571673
Conc: 17.60 ug/ml m



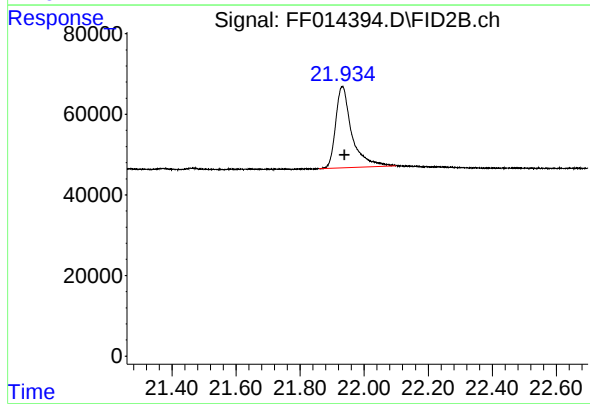
#21 n-Octatriacontane (C38)

R.T.: 21.052 min
Delta R.T.: -0.010 min
Response: 1189428
Conc: 17.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.006 min
Response: 705245
Conc: 15.76 ug/ml