

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020425AL\
 Data File : FF015451.D
 Signal(s) : FID2B.ch
 Acq On : 04 Feb 2025 08:14
 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 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 02:04:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.936	2688460	16.910 ug/ml
Spiked Amount 50.000		Recovery =	33.82%
12) S 1-chlorooctadecane (S...	13.373	2046035	16.412 ug/ml
Spiked Amount 50.000		Recovery =	32.82%
Target Compounds			
1) T n-Nonane (C9)	3.317	2358286	17.965 ug/ml
2) T n-Decane (C10)	4.572	2459090	18.384 ug/ml
3) T A~Naphthalene (C11.7)	6.276	2605855	17.917 ug/ml
4) T n-Dodecane (C12)	6.736	2514804	18.649 ug/ml
5) T A~2-methylnaphthalene...	7.371	2512809	17.858 ug/ml
6) T n-Tetradecane (C14)	8.563	2514772	18.613 ug/ml
7) T n-Hexadecane (C16)	10.172	2599464	18.345 ug/ml
8) T n-Octadecane (C18)	11.616	2598201	17.742 ug/ml
10) T n-Eicosane (C20)	12.927	2454120	17.021 ug/ml
11) T n-Heneicosane (C21)	13.541	2380661	16.678 ug/ml
13) T n-Docosane (C22)	14.127	2344126	16.354 ug/mlm
14) T n-Tetracosane (C24)	15.233	2302244	15.871 ug/ml
15) T n-Hexacosane (C26)	16.256	2236450	15.737 ug/ml
16) T n-Octacosane (C28)	17.208	2290509	16.461 ug/ml
17) T n-Tricontane (C30)	18.099	2496473	17.925 ug/ml
18) T n-Dotriacontane (C32)	18.933	2494416	19.124 ug/ml
19) T n-Tetratriacontane (C34)	19.717	2158747	19.858 ug/ml
20) T n-Hexatriacontane (C36)	20.460	1839473	20.914 ug/mlm
21) T n-Octatriacontane (C38)	21.198	1742942	21.149 ug/mlm
22) T n-Tetracontane (C40)	22.119	1698840	21.412 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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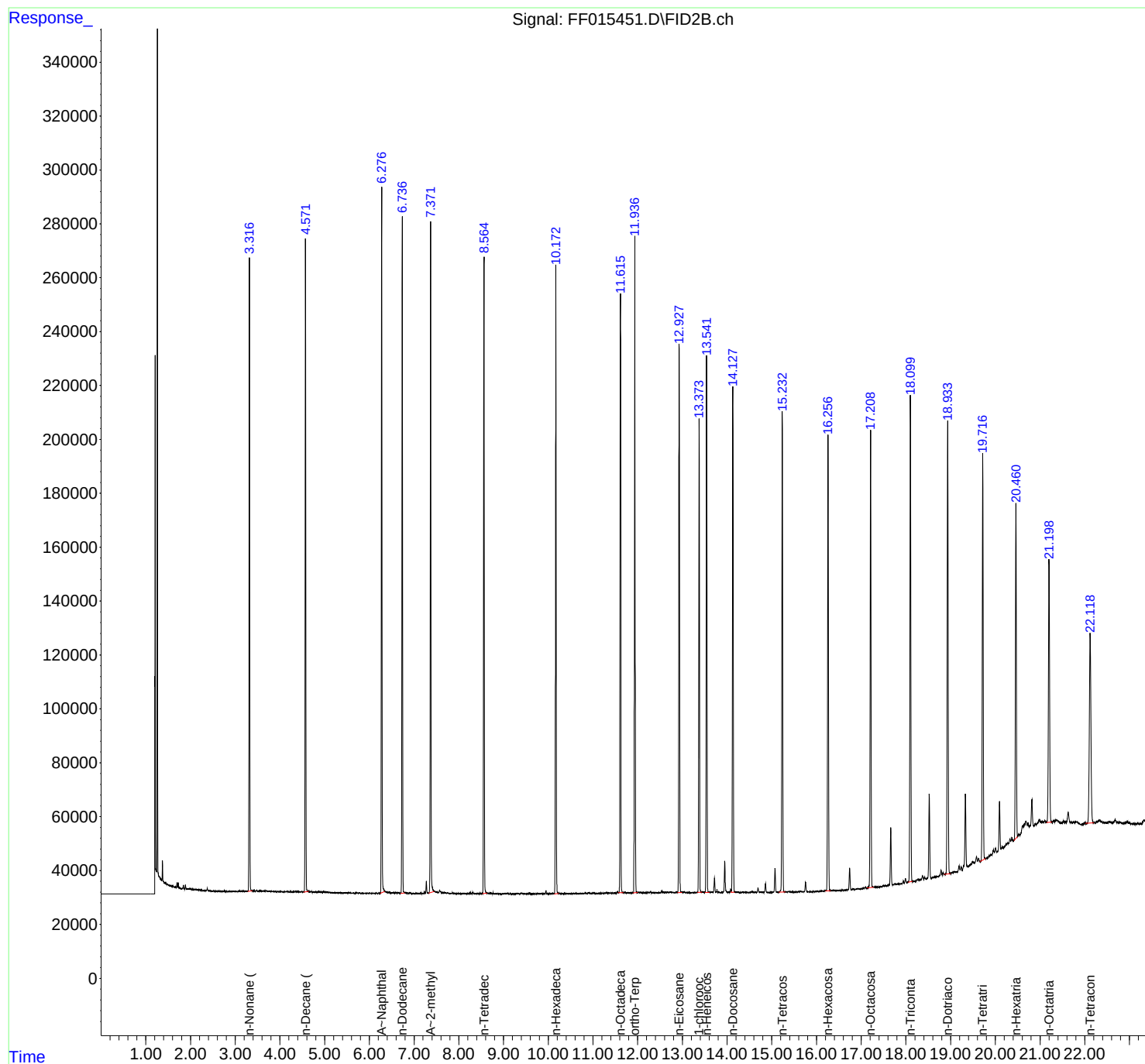
Instrument :
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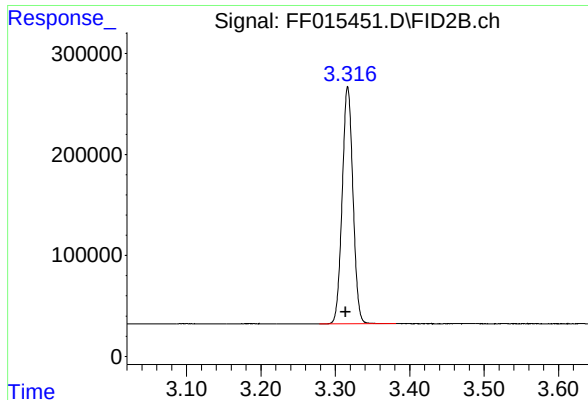
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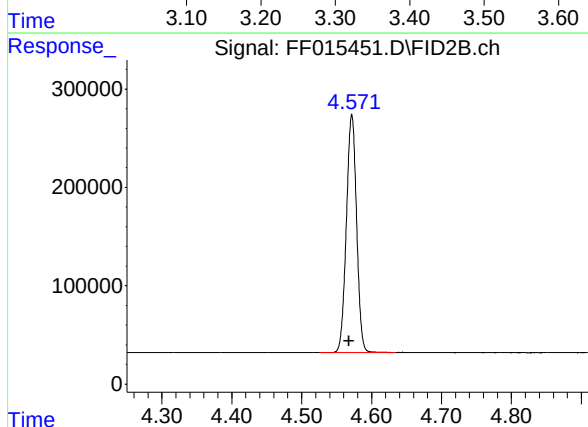
#1 n-Nonane (C9)

R.T.: 3.317 min
Delta R.T.: 0.003 min
Response: 2358286
Conc: 17.97 ug/ml

Instrument :
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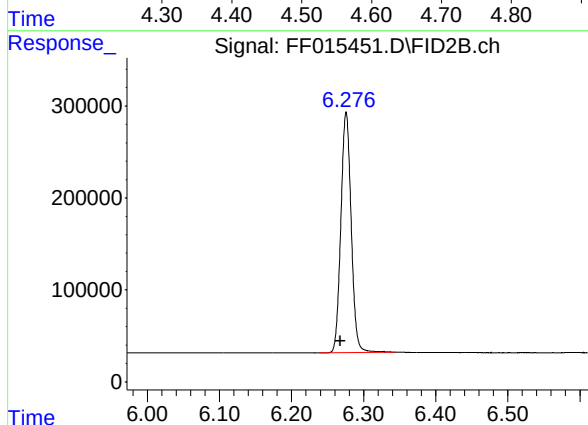
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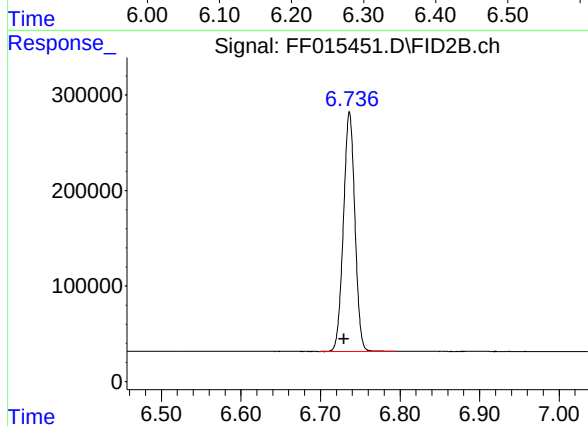
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.004 min
Response: 2459090
Conc: 18.38 ug/ml



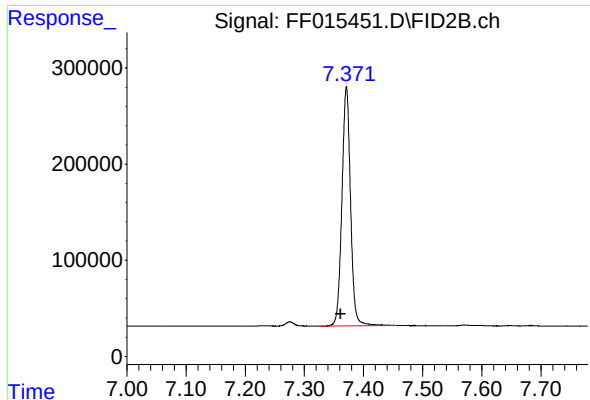
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.008 min
Response: 2605855
Conc: 17.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.736 min
Delta R.T.: 0.007 min
Response: 2514804
Conc: 18.65 ug/ml



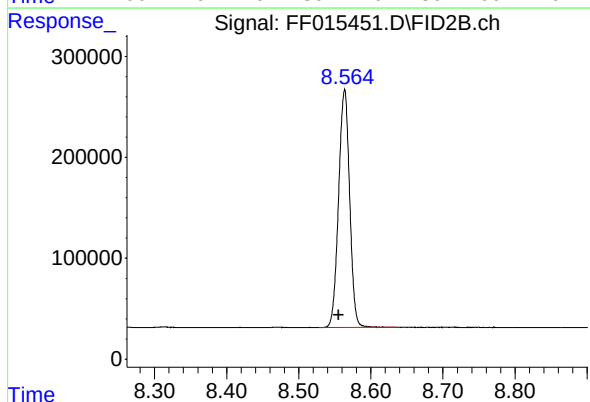
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.010 min
Response: 2512809
Conc: 17.86 ug/ml

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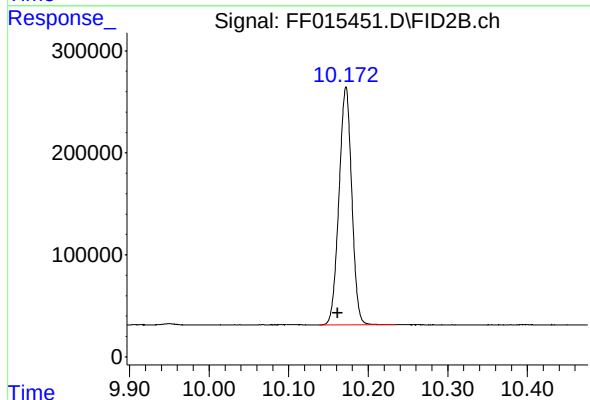
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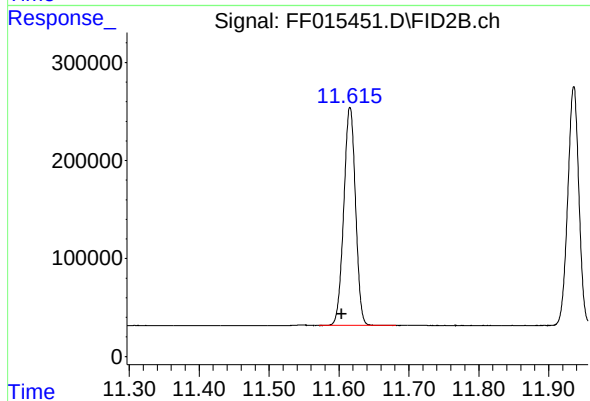
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.008 min
Response: 2514772
Conc: 18.61 ug/ml



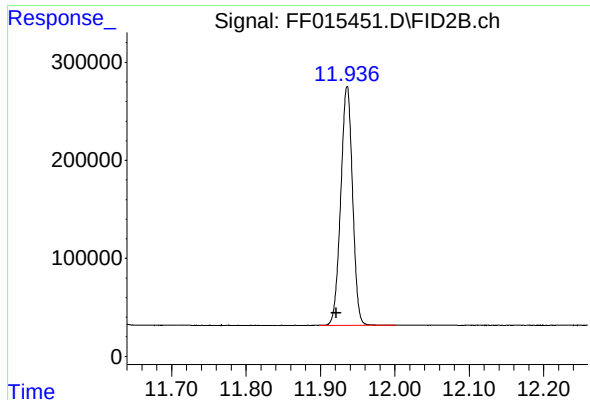
#7 n-Hexadecane (C16)

R.T.: 10.172 min
Delta R.T.: 0.010 min
Response: 2599464
Conc: 18.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: 0.012 min
Response: 2598201
Conc: 17.74 ug/ml



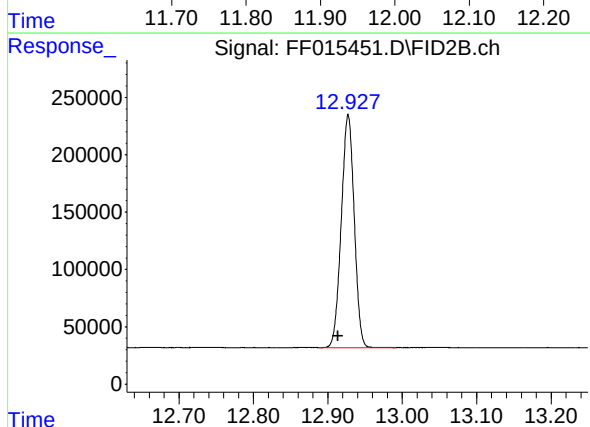
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: 0.014 min
Response: 2688460
Conc: 16.91 ug/ml

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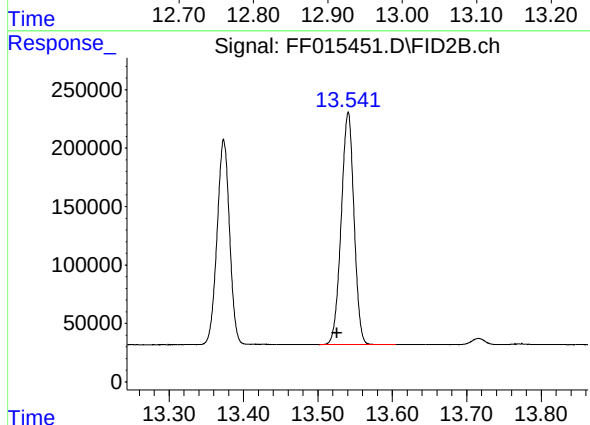
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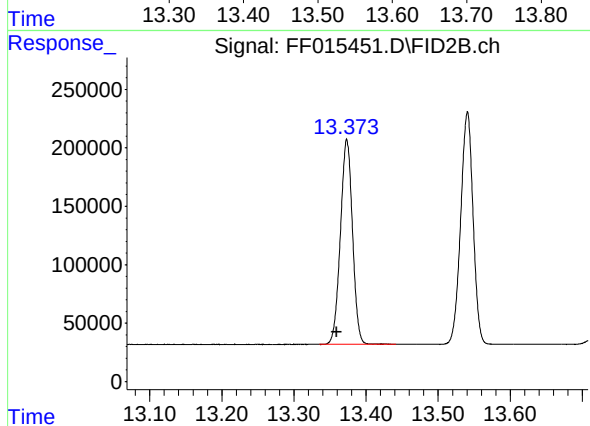
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: 0.014 min
Response: 2454120
Conc: 17.02 ug/ml



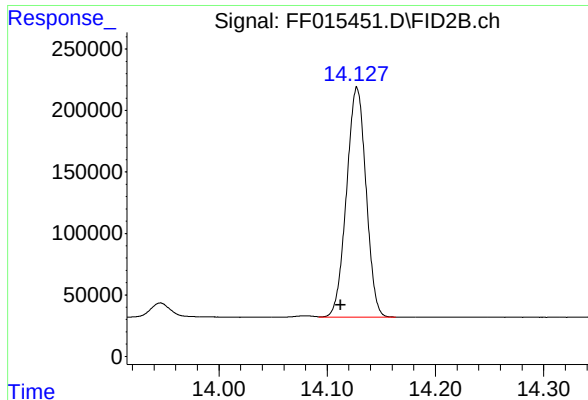
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: 0.015 min
Response: 2380661
Conc: 16.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: 0.014 min
Response: 2046035
Conc: 16.41 ug/ml



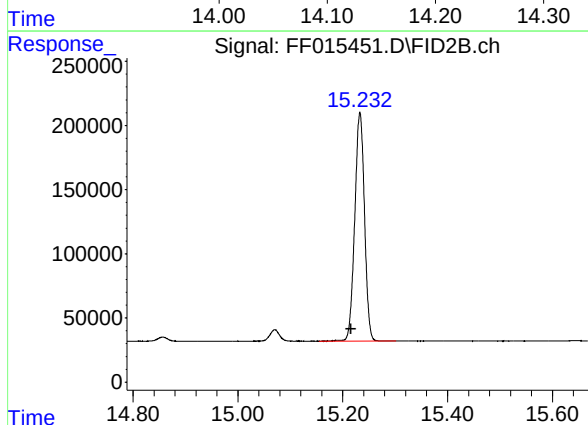
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.015 min
Response: 2344126
Conc: 16.35 ug/ml

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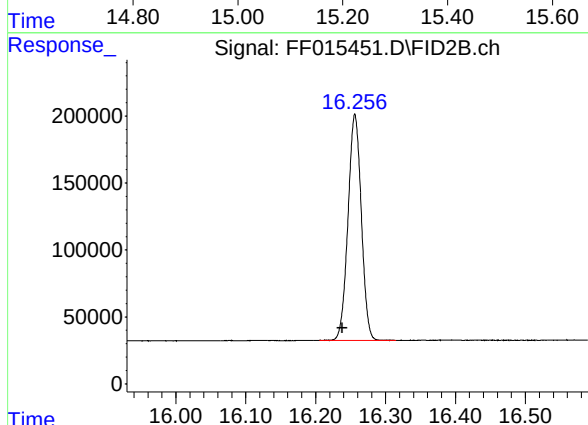
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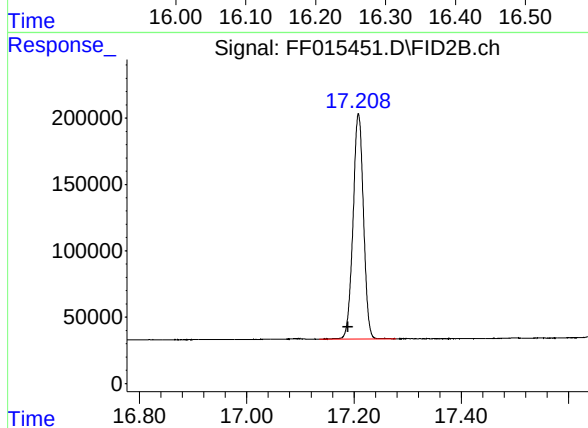
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: 0.017 min
Response: 2302244
Conc: 15.87 ug/ml



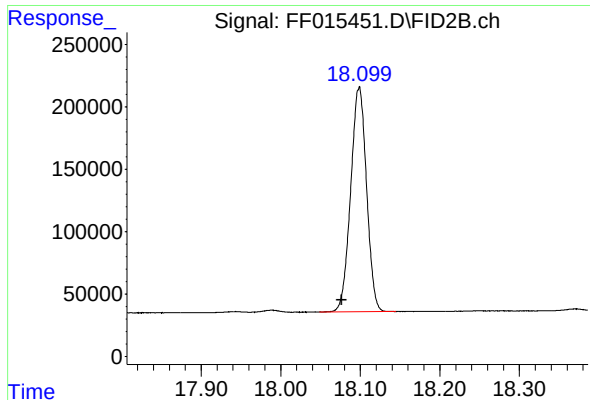
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: 0.018 min
Response: 2236450
Conc: 15.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.020 min
Response: 2290509
Conc: 16.46 ug/ml



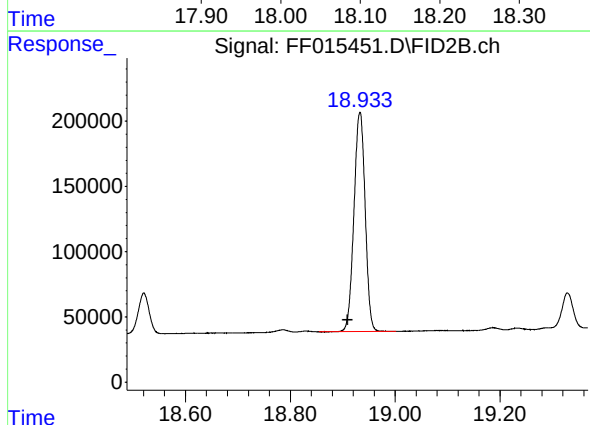
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.022 min
Response: 2496473
Conc: 17.93 ug/ml

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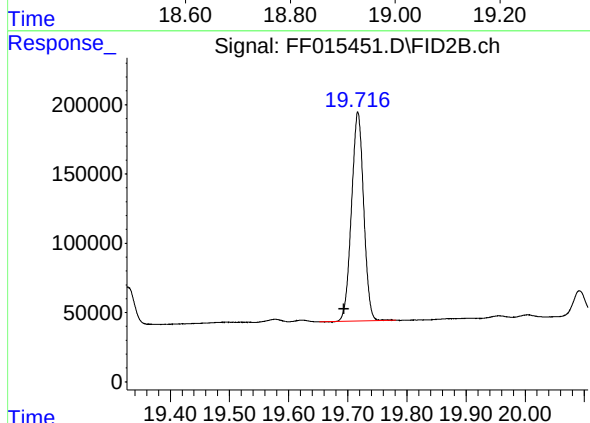
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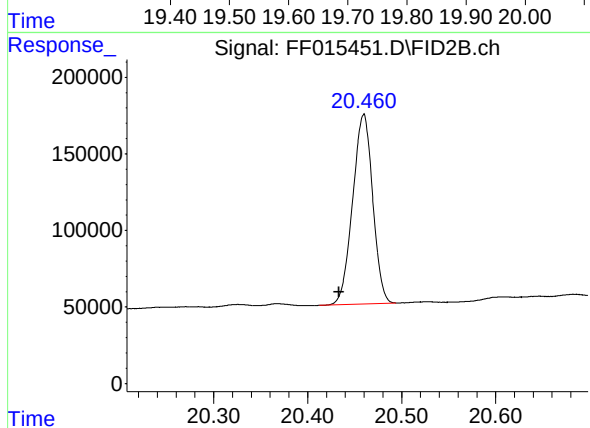
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.023 min
Response: 2494416
Conc: 19.12 ug/ml



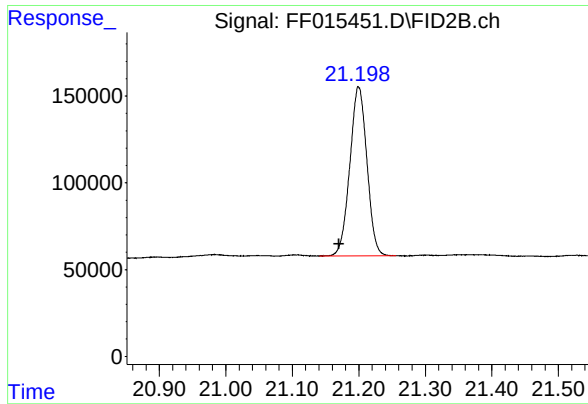
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.024 min
Response: 2158747
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.027 min
Response: 1839473
Conc: 20.91 ug/ml m



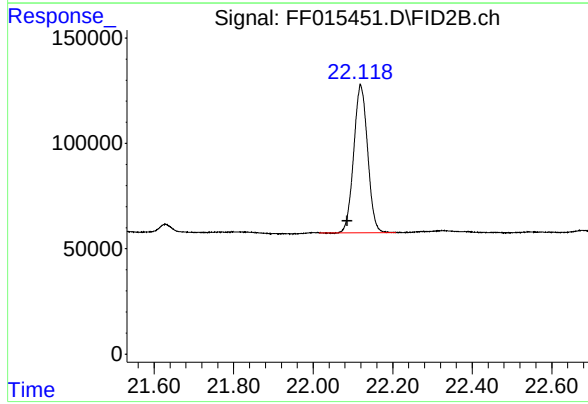
#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.028 min
Response: 1742942
Conc: 21.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.033 min
Response: 1698840
Conc: 21.41 ug/ml