

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AL\
 Data File : FF014731.D
 Signal(s) : FID2B.ch
 Acq On : 22 Oct 2024 05:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :Ankita Jodhani 10/22/2024

Integration File: autoint1.e
 Quant Time: Oct 22 05:48:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 05:46:44 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)	11.913	2980758	19.548 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
12) S 1-chlorooctadecane (S...	13.349	2351597	19.574 ug/ml
Spiked Amount 50.000		Recovery =	39.15%
Target Compounds			
1) T n-Nonane (C9)	3.314	2457518	19.532 ug/ml
2) T n-Decane (C10)	4.562	2497126	19.532 ug/ml
3) T A~Naphthalene (C11.7)	6.258	2750777	19.580 ug/ml
4) T n-Dodecane (C12)	6.723	2521958	19.559 ug/ml
5) T A~2-methylnaphthalene...	7.351	2674656	19.574 ug/ml
6) T n-Tetradecane (C14)	8.547	2522950	19.583 ug/ml
7) T n-Hexadecane (C16)	10.153	2648865	19.636 ug/ml
8) T n-Octadecane (C18)	11.595	2728739	19.613 ug/ml
10) T n-Eicosane (C20)	12.905	2687183	19.601 ug/ml
11) T n-Heneicosane (C21)	13.517	2674224	19.577 ug/ml
13) T n-Docosane (C22)	14.103	2689512	19.581 ug/ml
14) T n-Tetracosane (C24)	15.205	2730222	19.543 ug/ml
15) T n-Hexacosane (C26)	16.225	2722220	19.509 ug/ml
16) T n-Octacosane (C28)	17.174	2687286	19.464 ug/ml
17) T n-Tricontane (C30)	18.061	2732816	19.399 ug/ml
18) T n-Dotriacontane (C32)	18.893	2647258	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2267927	19.316 ug/ml
20) T n-Hexatriacontane (C36)	20.415	1890320	18.763 ug/ml
21) T n-Octatriacontane (C38)	21.148	1743193	19.374 ug/ml
22) T n-Tetracontane (C40)	22.053	1631682	18.200 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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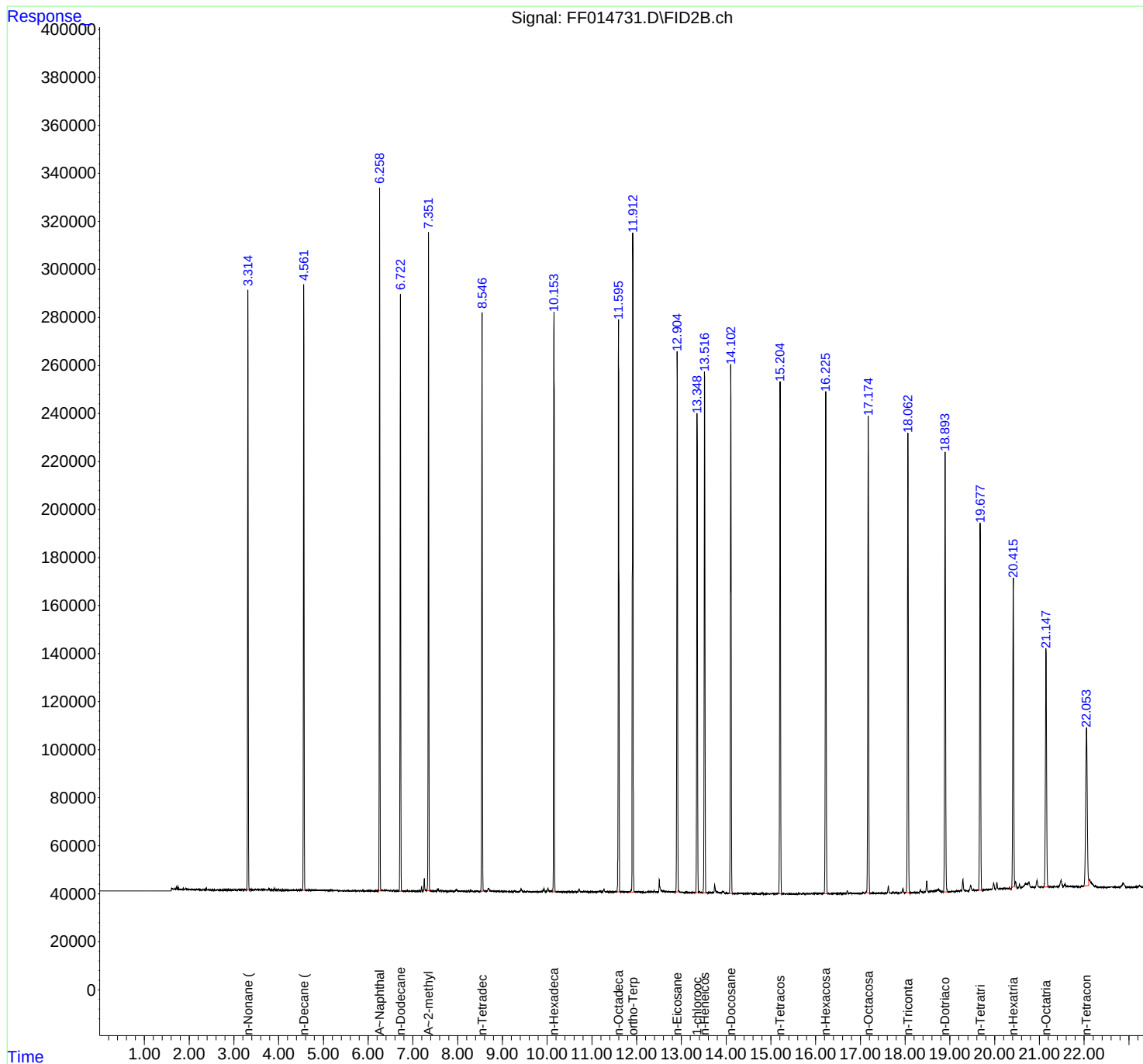
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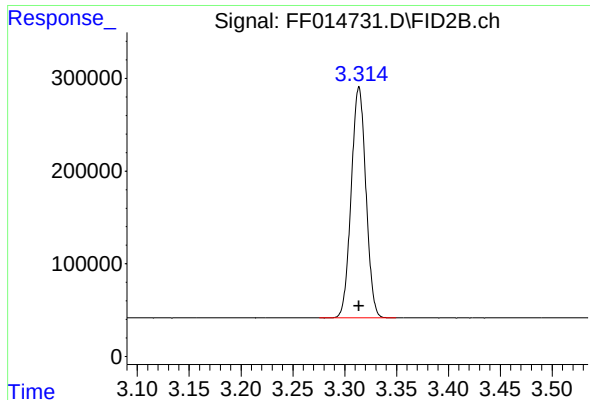
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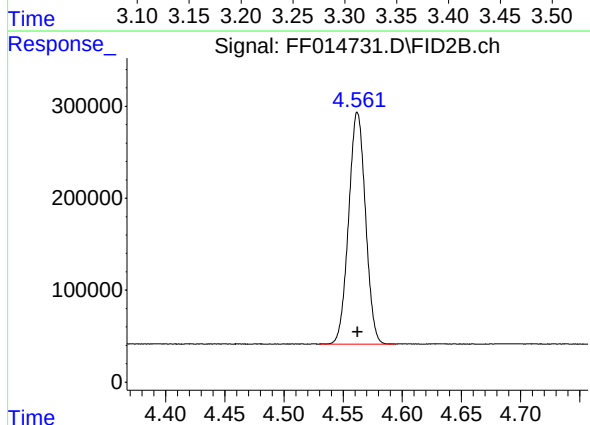
#1 n-Nonane (C9)

R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2457518
Conc: 19.53 ug/ml

Instrument :
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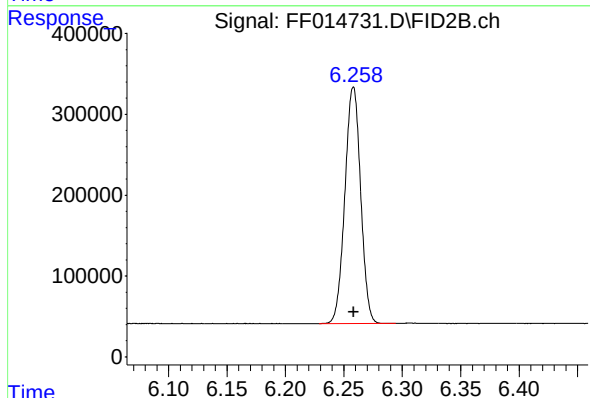
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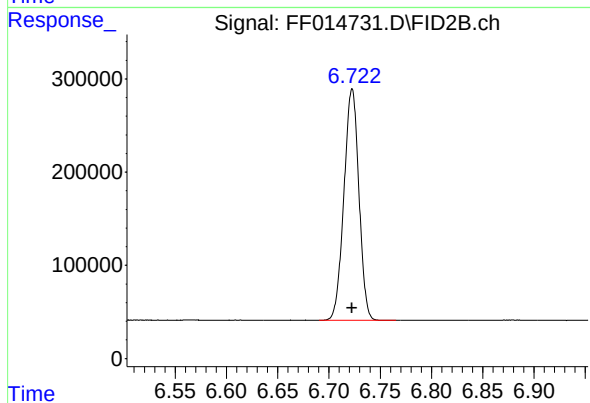
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 2497126
Conc: 19.53 ug/ml



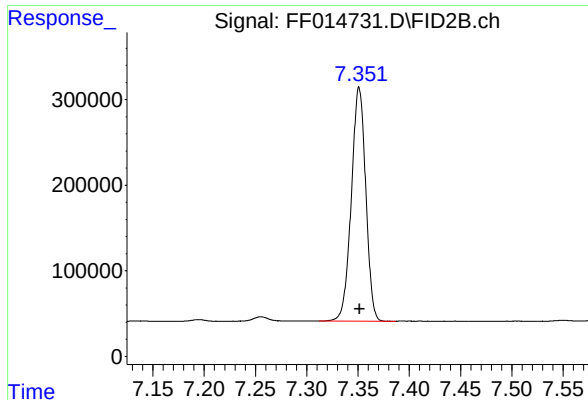
#3 A~Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 2750777
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 2521958
Conc: 19.56 ug/ml



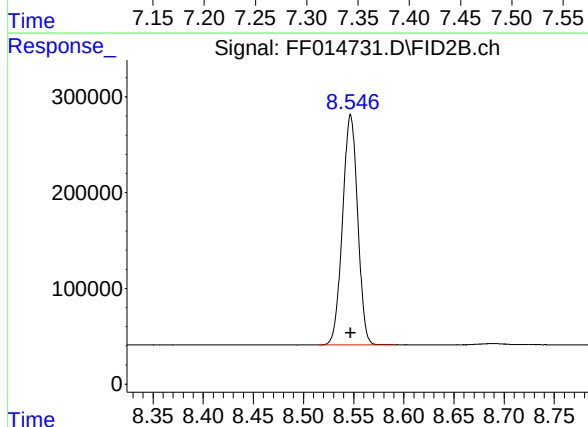
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2674656
Conc: 19.57 ug/ml

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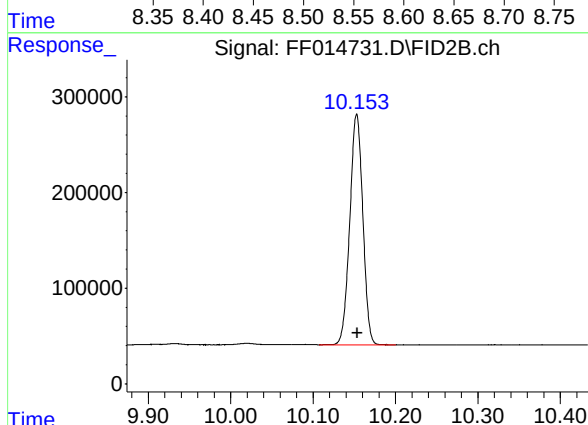
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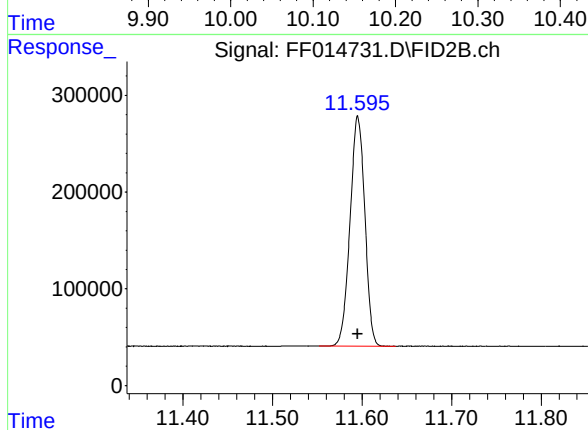
#6 n-Tetradecane (C14)

R.T.: 8.547 min
Delta R.T.: 0.000 min
Response: 2522950
Conc: 19.58 ug/ml



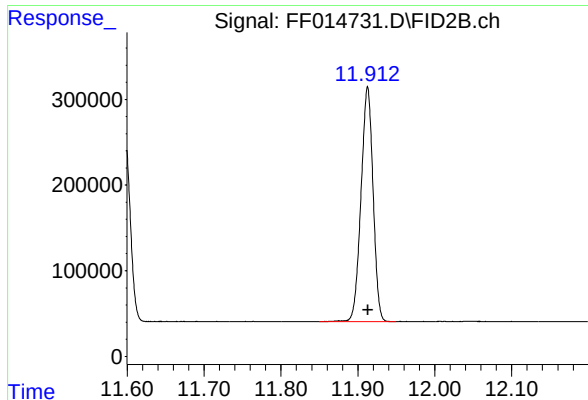
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.000 min
Response: 2648865
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 2728739
Conc: 19.61 ug/ml



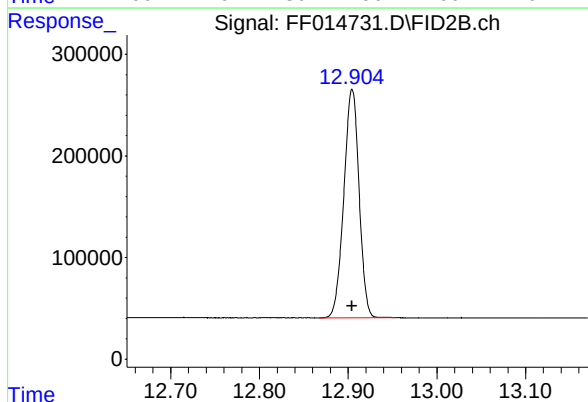
#9 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 2980758
Conc: 19.55 ug/ml

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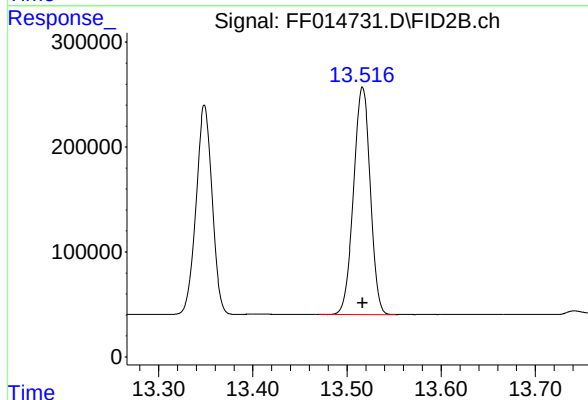
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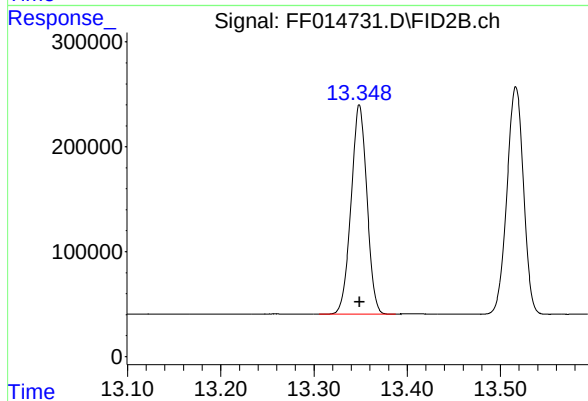
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: 0.000 min
Response: 2687183
Conc: 19.60 ug/ml



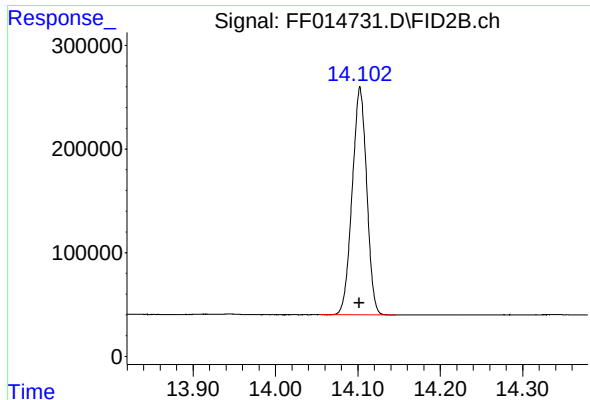
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: 0.000 min
Response: 2674224
Conc: 19.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: 0.000 min
Response: 2351597
Conc: 19.57 ug/ml



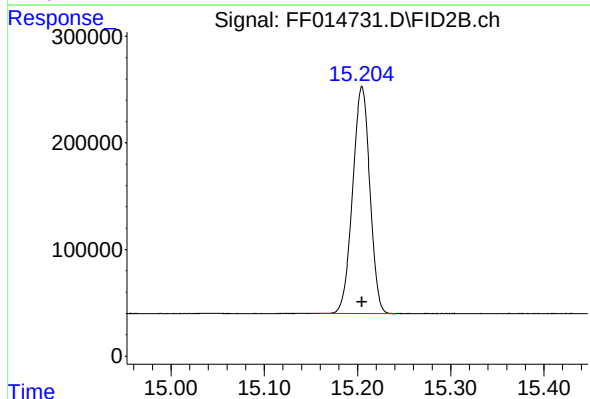
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: 0.000 min
Response: 2689512
Conc: 19.58 ug/ml

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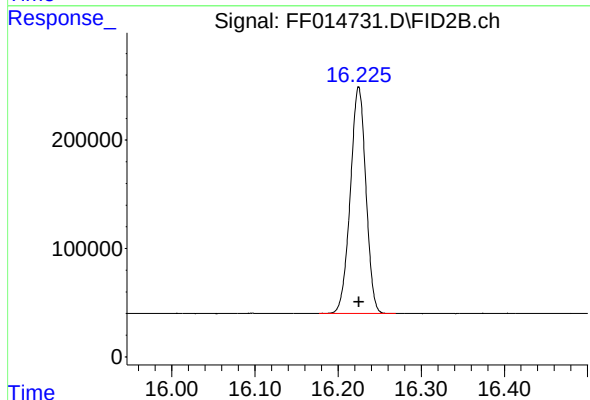
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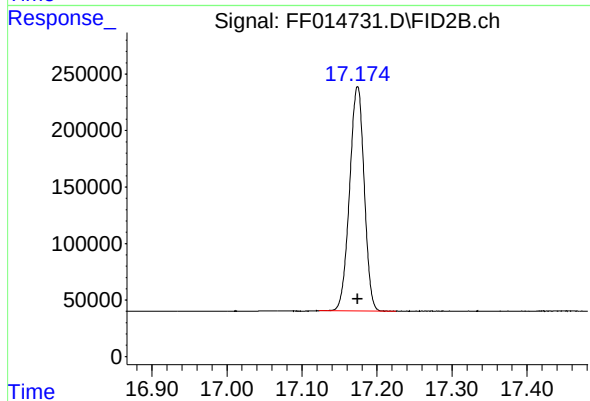
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: 0.000 min
Response: 2730222
Conc: 19.54 ug/ml



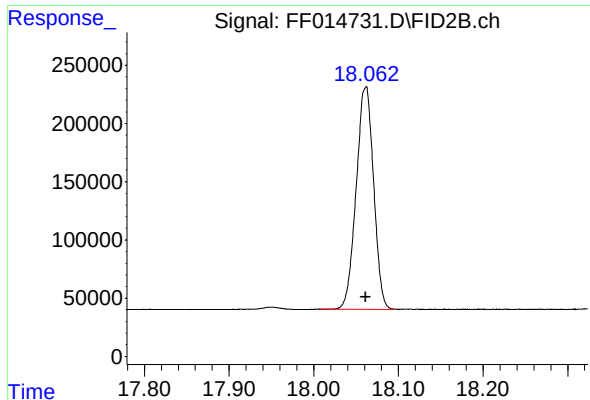
#15 n-Hexacosane (C26)

R.T.: 16.225 min
Delta R.T.: 0.000 min
Response: 2722220
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: 0.000 min
Response: 2687286
Conc: 19.46 ug/ml



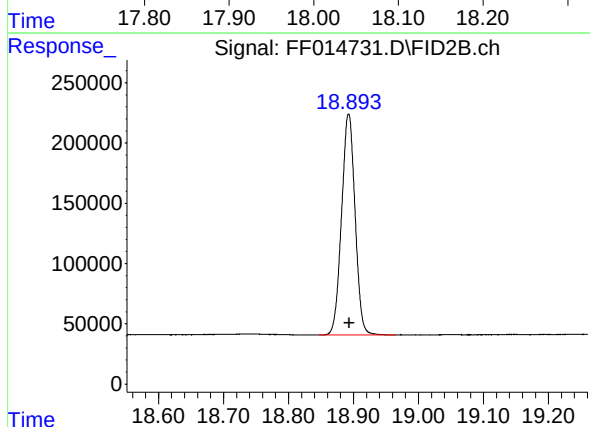
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: 0.000 min
Response: 2732816
Conc: 19.40 ug/ml

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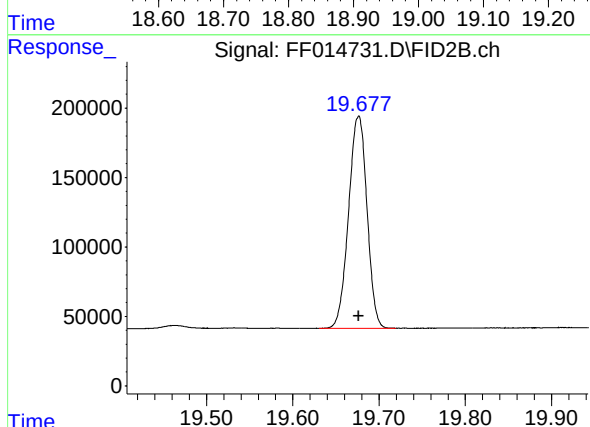
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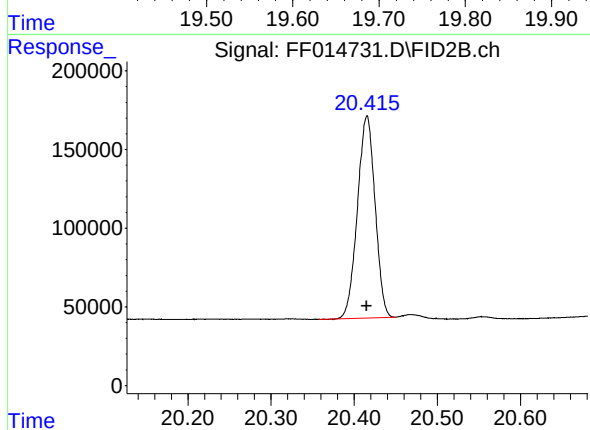
#18 n-Dotriacontane (C32)

R.T.: 18.893 min
Delta R.T.: 0.000 min
Response: 2647258
Conc: 19.08 ug/ml



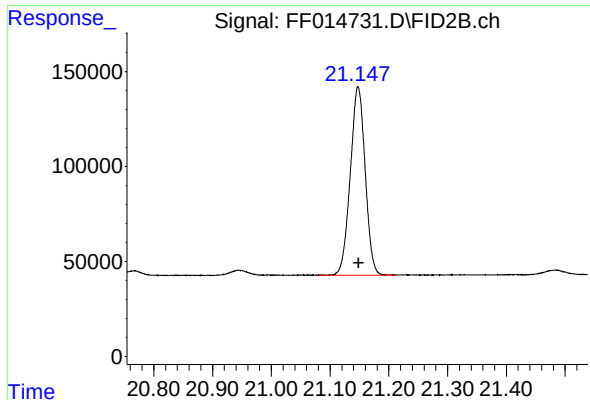
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.000 min
Response: 2267927
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: 0.000 min
Response: 1890320
Conc: 18.76 ug/ml



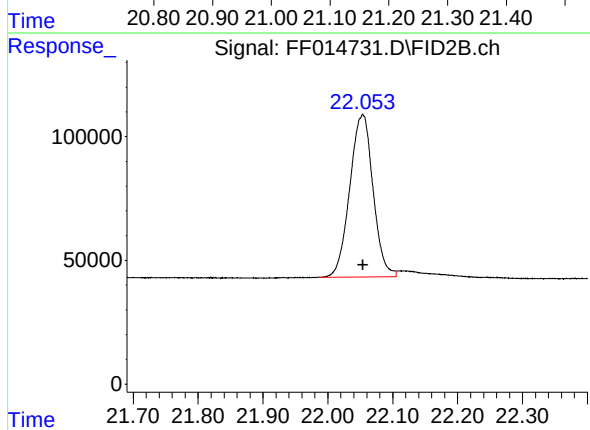
#21 n-Octatriacontane (C38)

R.T.: 21.148 min
Delta R.T.: -0.001 min
Response: 1743193
Conc: 19.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.053 min
Delta R.T.: 0.000 min
Response: 1631682
Conc: 18.20 ug/ml m