

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110623AL\
 Data File : FE045212.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2023 14:44
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2023
 Supervised By :Ankita Jodhani 11/07/2023

Integration File: autoint1.e
 Quant Time: Nov 06 23:09:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.887	3352447	17.559 ug/ml
Spiked Amount 50.000		Recovery =	35.12%
12) S 1-chlorooctadecane (S...	13.329	2375516	17.247 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
Target Compounds			
1) T n-Nonane (C9)	3.272	3044180	18.427 ug/ml
2) T n-Decane (C10)	4.524	3060861	18.254 ug/ml
3) T A~Naphthalene (C11.7)	6.224	3192864	17.887 ug/ml
4) T n-Dodecane (C12)	6.689	3041329	18.008 ug/ml
5) T A~2-methylnaphthalene...	7.320	3028467	17.636 ug/ml
6) T n-Tetradecane (C14)	8.516	2940362	17.642 ug/ml
7) T n-Hexadecane (C16)	10.127	2924121	17.384 ug/ml
8) T n-Octadecane (C18)	11.573	2885292	17.239 ug/ml
10) T n-Eicosane (C20)	12.884	2737930	17.284 ug/ml
11) T n-Heneicosane (C21)	13.498	2663849	17.325 ug/ml
13) T n-Docosane (C22)	14.085	2621252	17.300 ug/ml
14) T n-Tetracosane (C24)	15.191	2577455	17.402 ug/ml
15) T n-Hexacosane (C26)	16.213	2546441	17.471 ug/ml
16) T n-Octacosane (C28)	17.166	2548322	17.439 ug/mlm
17) T n-Tricontane (C30)	18.056	2587832	17.037 ug/ml
18) T n-Dotriacontane (C32)	18.889	2645026	16.931 ug/ml
19) T n-Tetratriacontane (C34)	19.676	2677761	17.150 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2836697	17.476 ug/ml
21) T n-Octatriacontane (C38)	21.155	2919321	17.571 ug/mlm
22) T n-Tetracontane (C40)	22.074	3003553	17.584 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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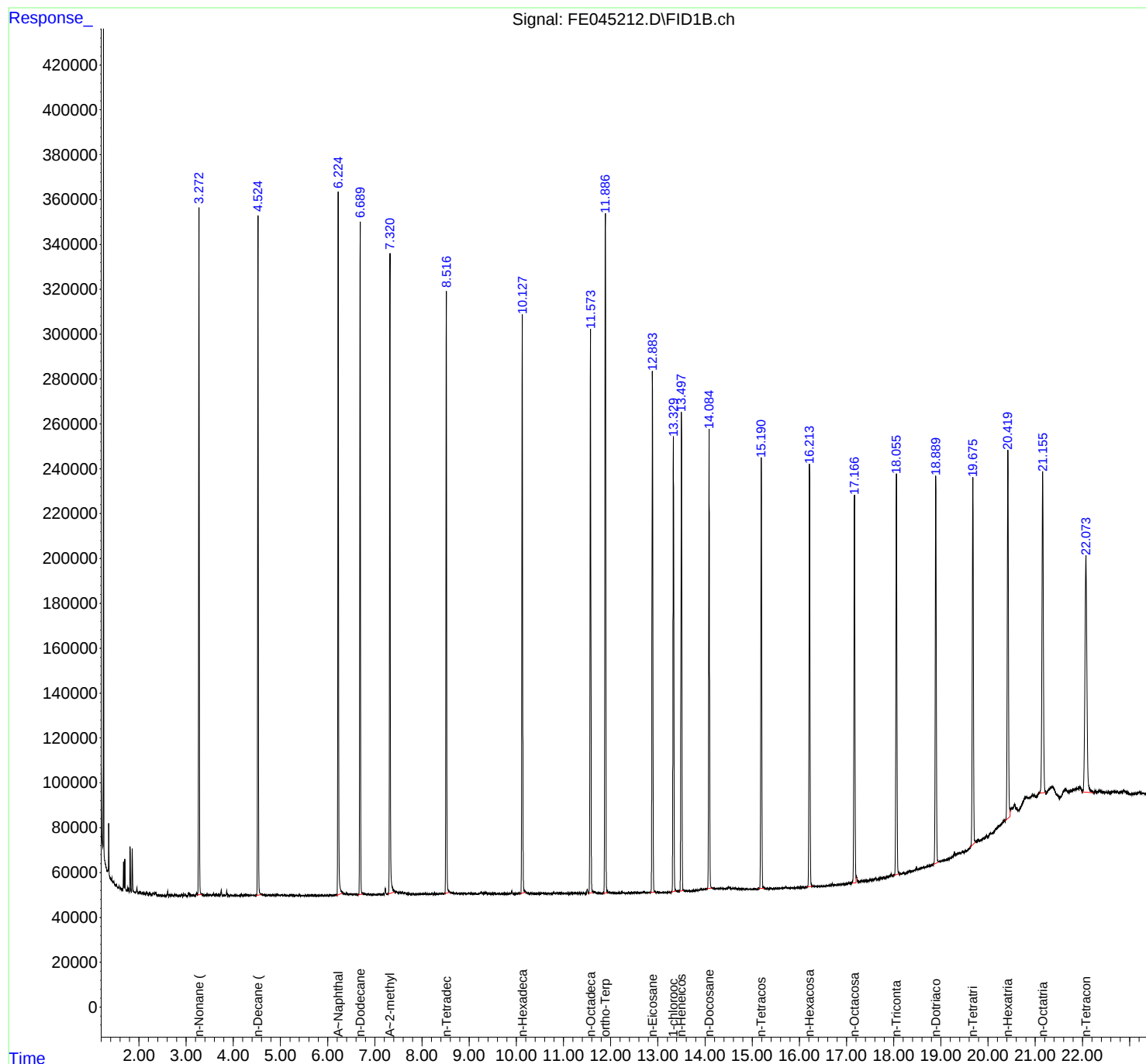
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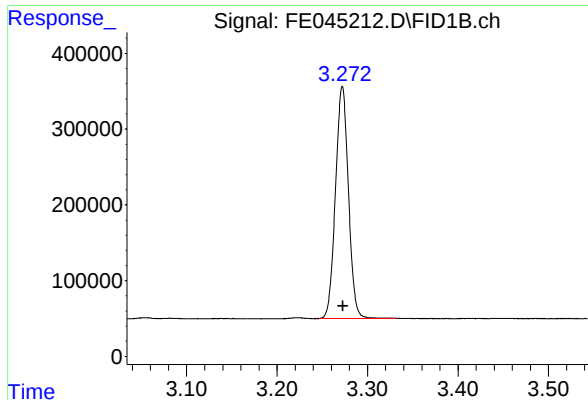
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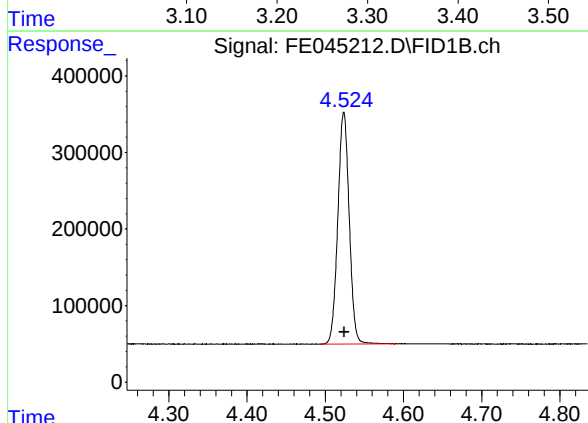
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 3044180
Conc: 18.43 ug/ml

Instrument : FID_E
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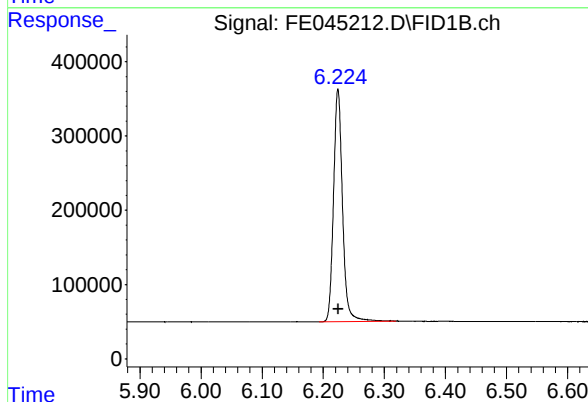
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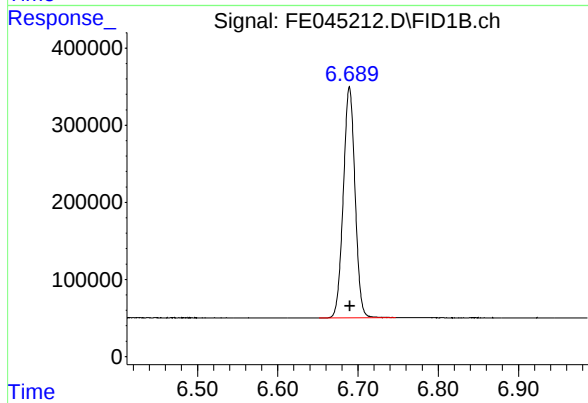
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 3060861
Conc: 18.25 ug/ml



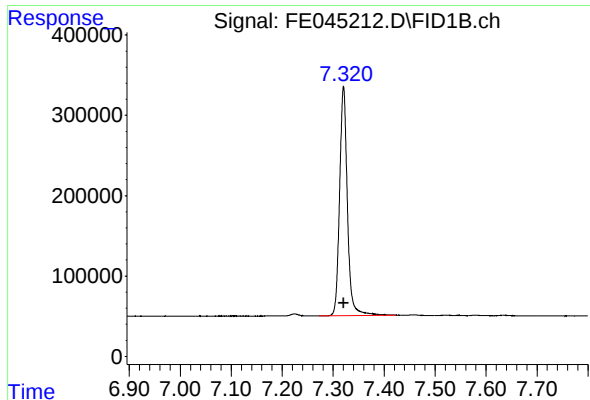
#3 A~Naphthalene (C11.7)

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 3192864
Conc: 17.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: 0.000 min
Response: 3041329
Conc: 18.01 ug/ml



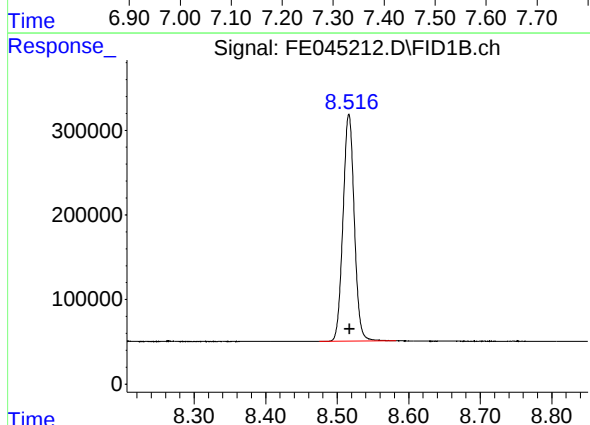
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.000 min
Response: 3028467
Conc: 17.64 ug/ml

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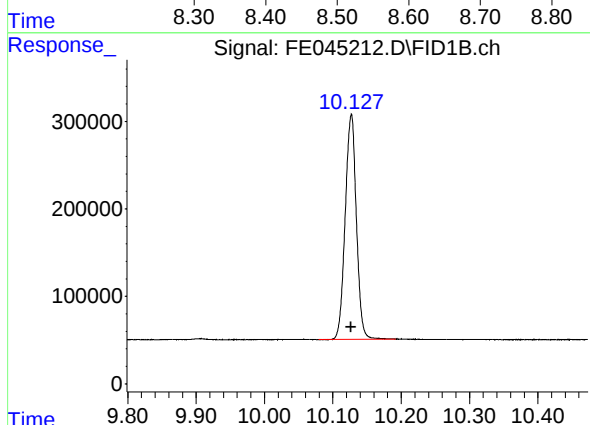
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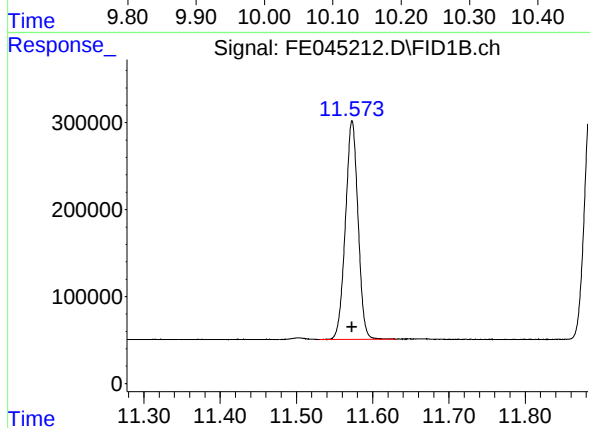
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.001 min
Response: 2940362
Conc: 17.64 ug/ml



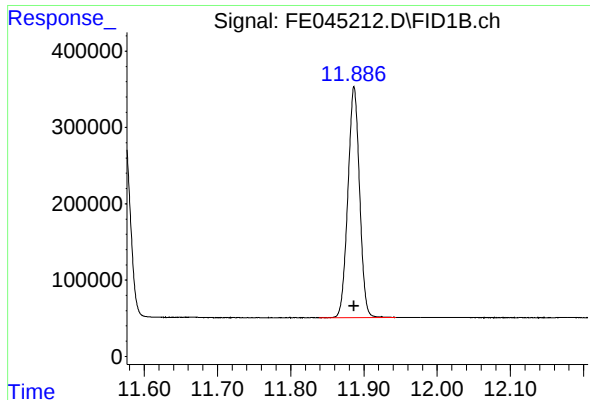
#7 n-Hexadecane (C16)

R.T.: 10.127 min
Delta R.T.: 0.000 min
Response: 2924121
Conc: 17.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.573 min
Delta R.T.: 0.000 min
Response: 2885292
Conc: 17.24 ug/ml



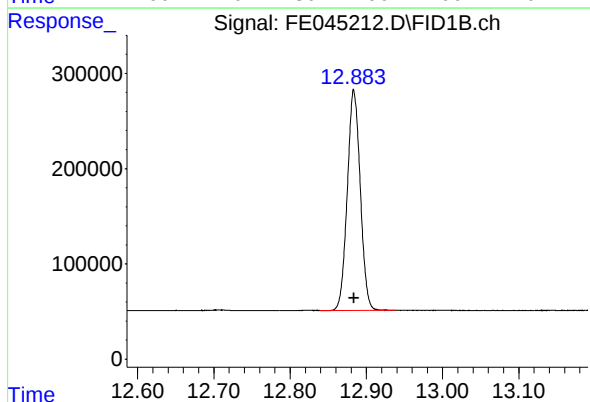
#9 ortho-Terphenyl (SURR)

R.T.: 11.887 min
Delta R.T.: 0.000 min
Response: 3352447
Conc: 17.56 ug/ml

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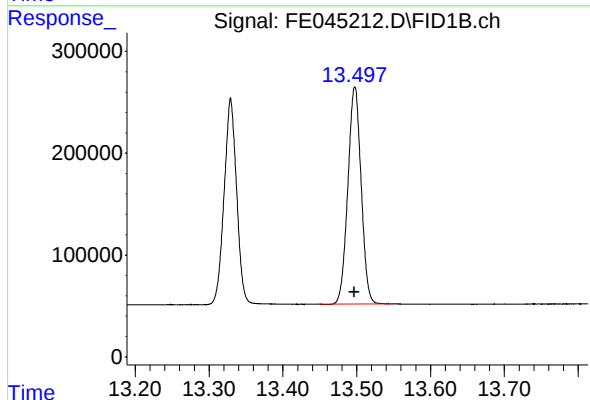
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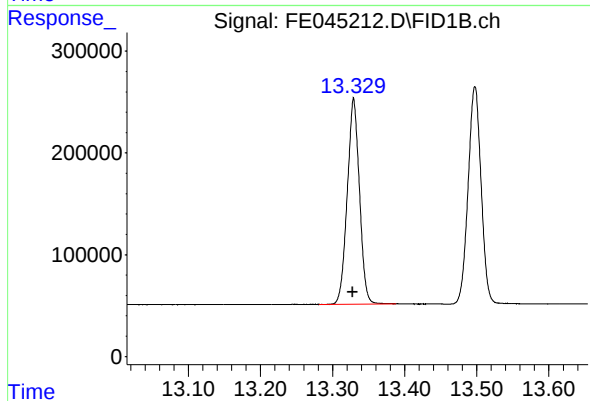
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: 0.000 min
Response: 2737930
Conc: 17.28 ug/ml



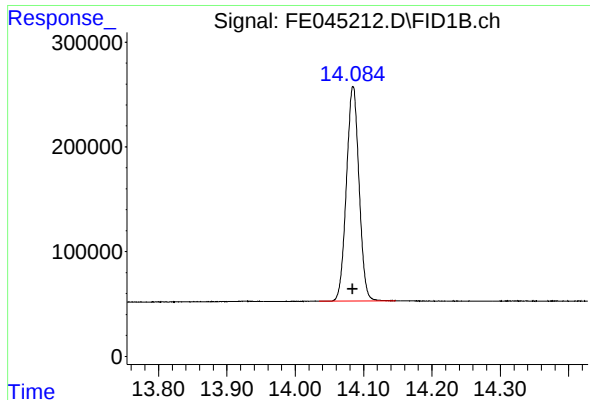
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: 0.000 min
Response: 2663849
Conc: 17.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: 0.001 min
Response: 2375516
Conc: 17.25 ug/ml



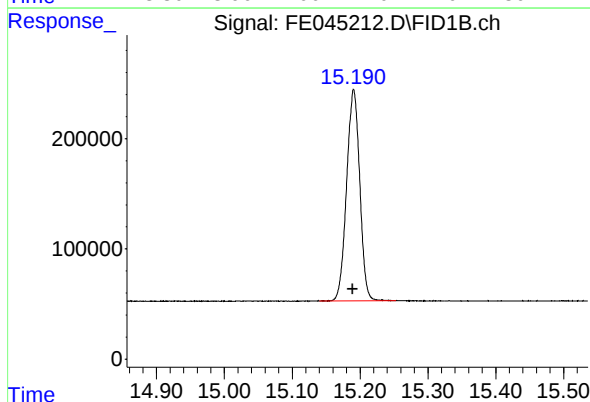
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: 0.000 min
Response: 2621252
Conc: 17.30 ug/ml

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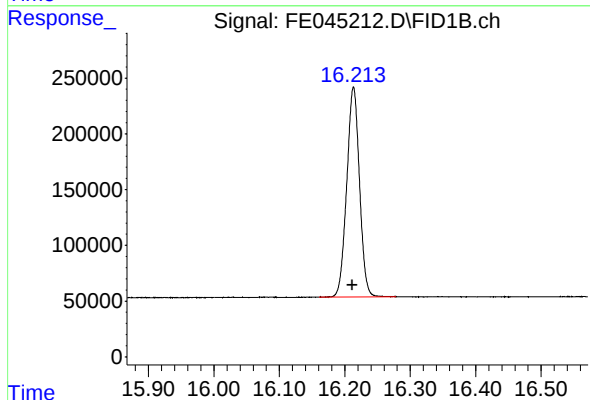
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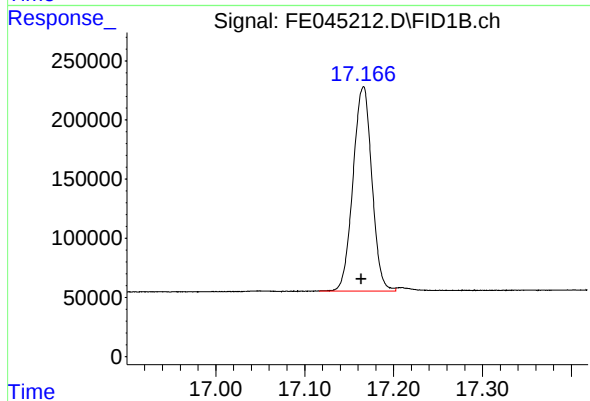
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.001 min
Response: 2577455
Conc: 17.40 ug/ml



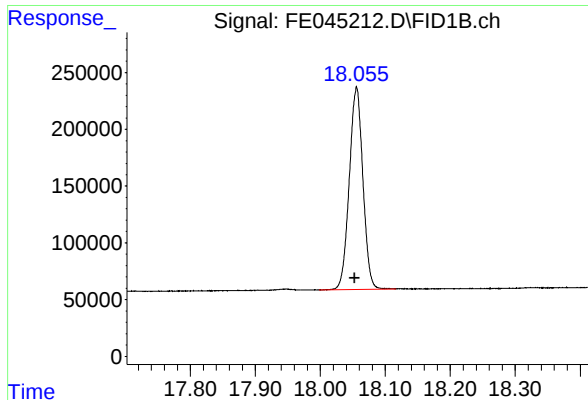
#15 n-Hexacosane (C26)

R.T.: 16.213 min
Delta R.T.: 0.002 min
Response: 2546441
Conc: 17.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.166 min
Delta R.T.: 0.002 min
Response: 2548322
Conc: 17.44 ug/ml m



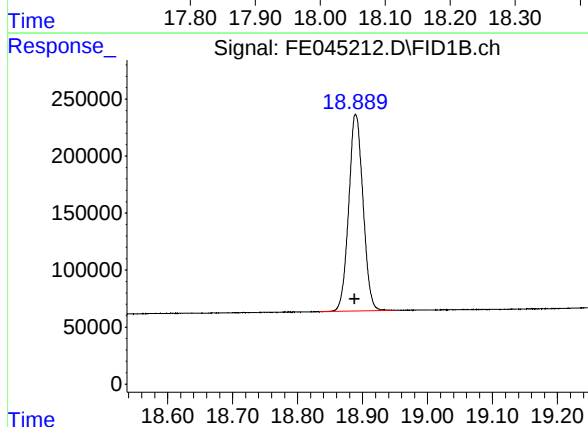
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: 0.003 min
Response: 2587832
Conc: 17.04 ug/ml

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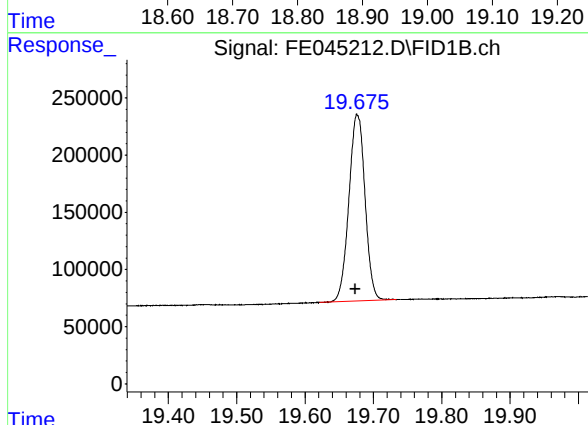
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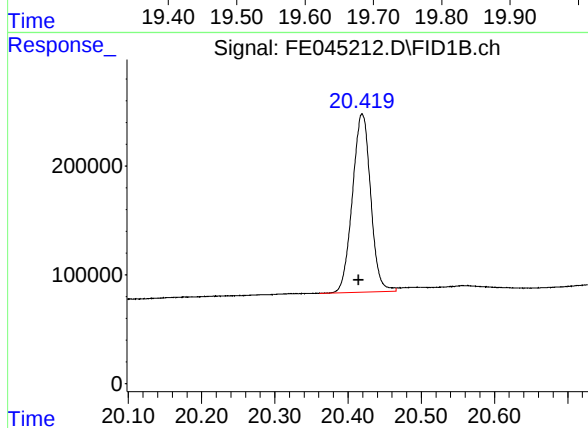
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.002 min
Response: 2645026
Conc: 16.93 ug/ml



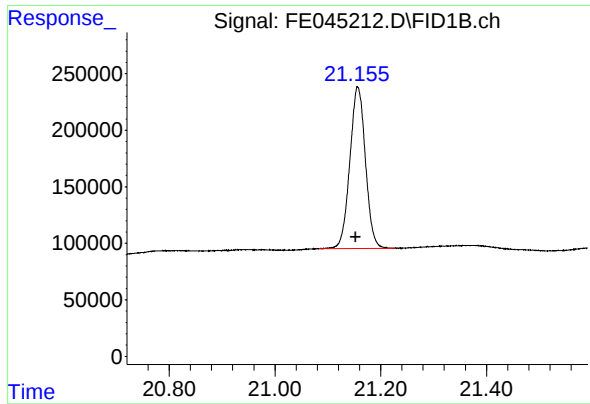
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.003 min
Response: 2677761
Conc: 17.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.419 min
Delta R.T.: 0.004 min
Response: 2836697
Conc: 17.48 ug/ml



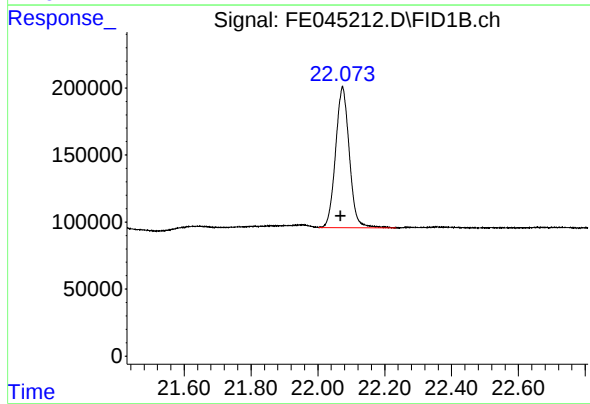
#21 n-Octatriacontane (C38)

R.T.: 21.155 min
Delta R.T.: 0.003 min
Response: 2919321
Conc: 17.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.006 min
Response: 3003553
Conc: 17.58 ug/ml