

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071524AL\
 Data File : FE049115.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2024 09:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/15/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File: autoint1.e
 Quant Time: Jul 15 10:48:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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)	11.929	2971391	17.770 ug/ml
Spiked Amount 50.000		Recovery =	35.54%
12) S 1-chlorooctadecane (S...	13.365	2268475	17.641 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.311	2921502	19.432 ug/ml
2) T n-Decane (C10)	4.561	2966532	19.277 ug/ml
3) T A~Naphthalene (C11.7)	6.271	3022454	19.039 ug/ml
4) T n-Dodecane (C12)	6.729	2946334	19.086 ug/ml
5) T A~2-methylnaphthalene...	7.368	2853105	18.840 ug/ml
6) T n-Tetradecane (C14)	8.557	2871031	18.733 ug/ml
7) T n-Hexadecane (C16)	10.166	2917002	18.656 ug/ml
8) T n-Octadecane (C18)	11.609	2916318	18.286 ug/ml
10) T n-Eicosane (C20)	12.918	2782765	17.949 ug/ml
11) T n-Heneicosane (C21)	13.531	2725314	17.899 ug/ml
13) T n-Docosane (C22)	14.117	2706717	17.898 ug/ml
14) T n-Tetracosane (C24)	15.219	2704698	17.998 ug/ml
15) T n-Hexacosane (C26)	16.241	2678342	18.142 ug/ml
16) T n-Octacosane (C28)	17.191	2649746	18.374 ug/ml
17) T n-Tricontane (C30)	18.078	2703453	18.479 ug/ml
18) T n-Dotriacontane (C32)	18.909	2690109	18.815 ug/mlm
19) T n-Tetratriacontane (C34)	19.693	2693523	19.466 ug/mlm
20) T n-Hexatriacontane (C36)	20.433	2693659	20.726 ug/ml
21) T n-Octatriacontane (C38)	21.170	2803336	21.868 ug/ml
22) T n-Tetracontane (C40)	22.085	2916865	23.819 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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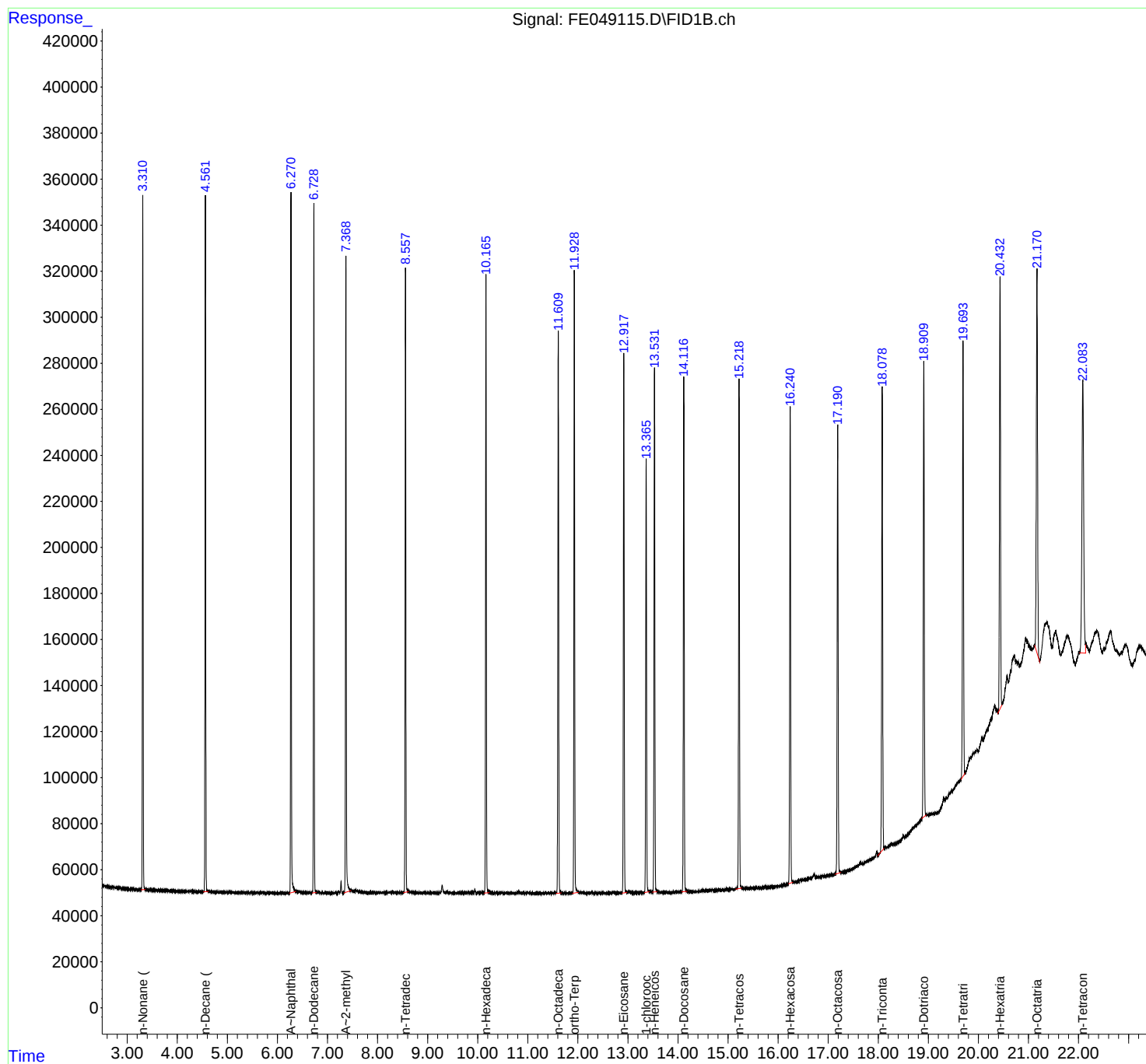
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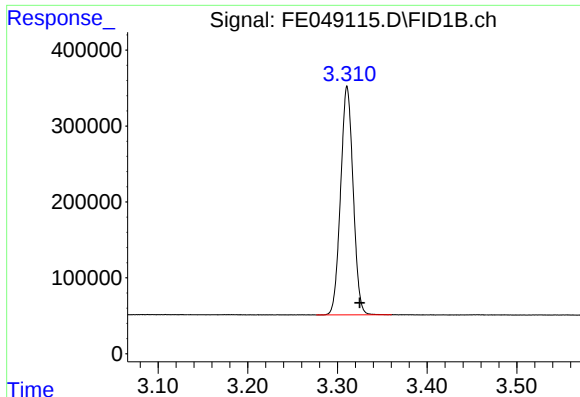
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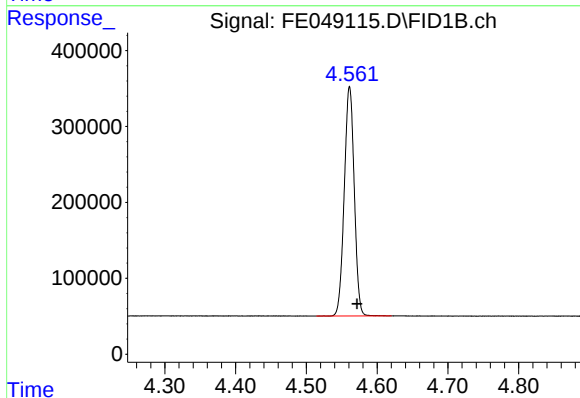
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.014 min
Response: 2921502
Conc: 19.43 ug/ml

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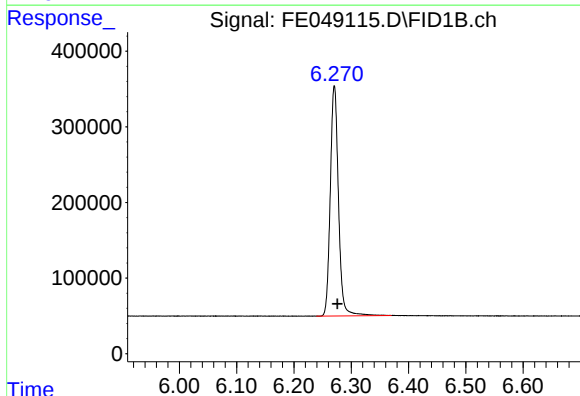
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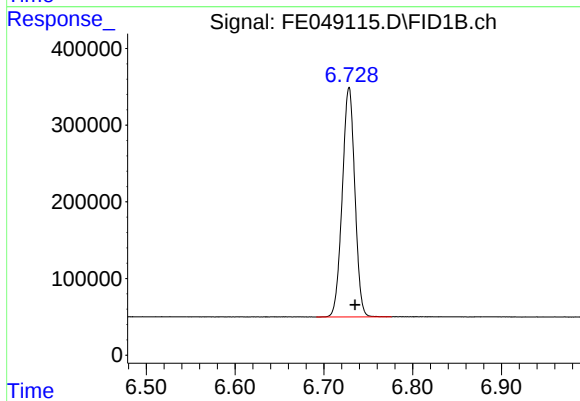
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.010 min
Response: 2966532
Conc: 19.28 ug/ml



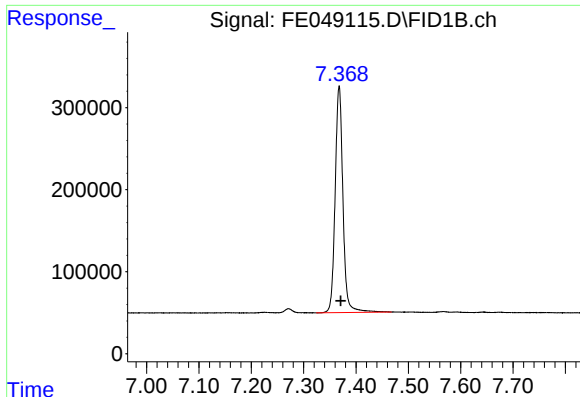
#3 A~Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: -0.005 min
Response: 3022454
Conc: 19.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.007 min
Response: 2946334
Conc: 19.09 ug/ml



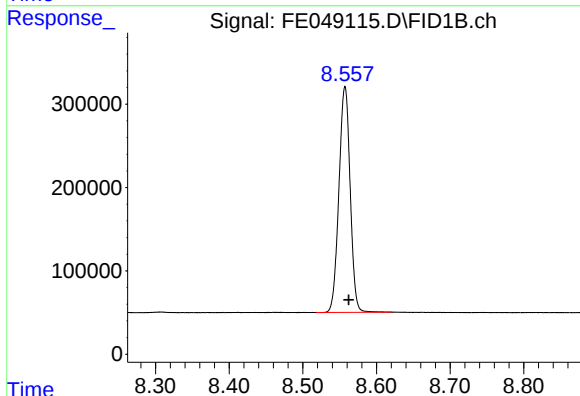
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 2853105
Conc: 18.84 ug/ml

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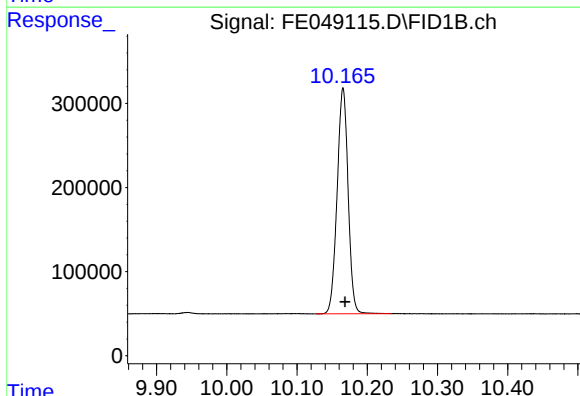
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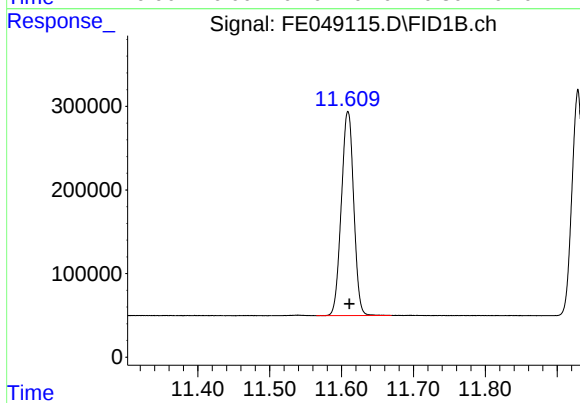
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.005 min
Response: 2871031
Conc: 18.73 ug/ml



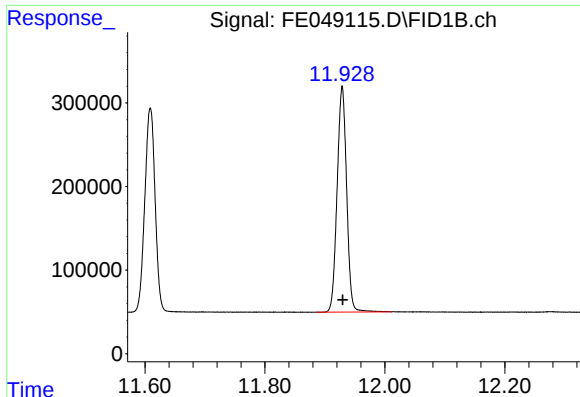
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.003 min
Response: 2917002
Conc: 18.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 2916318
Conc: 18.29 ug/ml



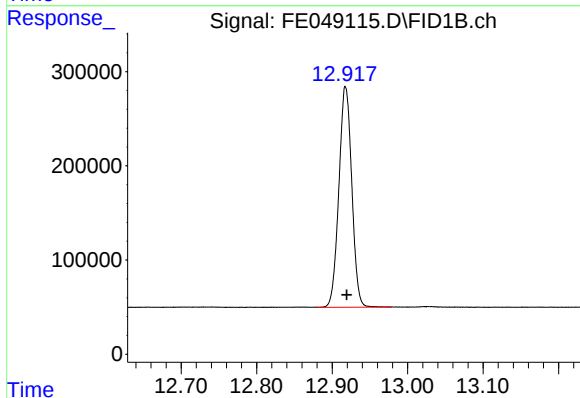
#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.000 min
Response: 2971391
Conc: 17.77 ug/ml

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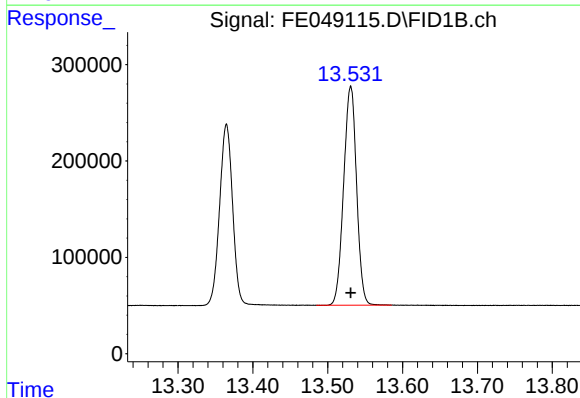
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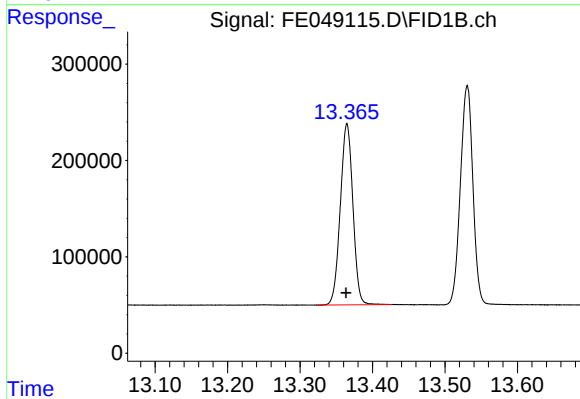
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: -0.002 min
Response: 2782765
Conc: 17.95 ug/ml



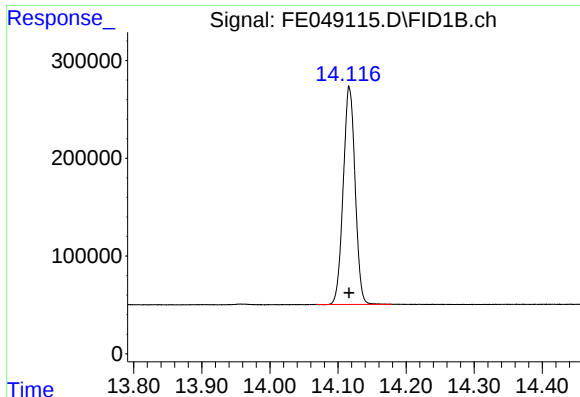
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 2725314
Conc: 17.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.365 min
Delta R.T.: 0.001 min
Response: 2268475
Conc: 17.64 ug/ml



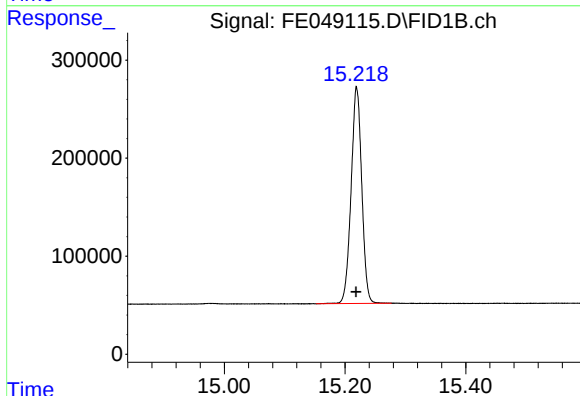
#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.000 min
Response: 2706717
Conc: 17.90 ug/ml

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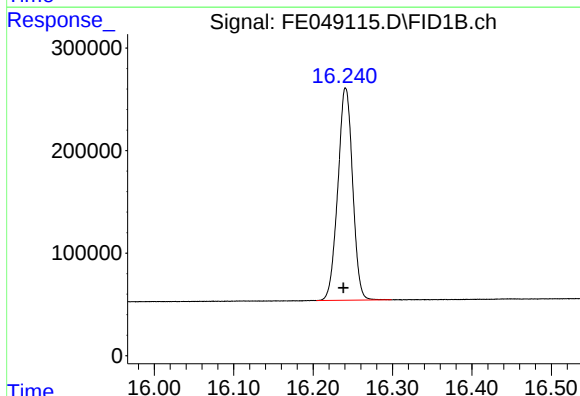
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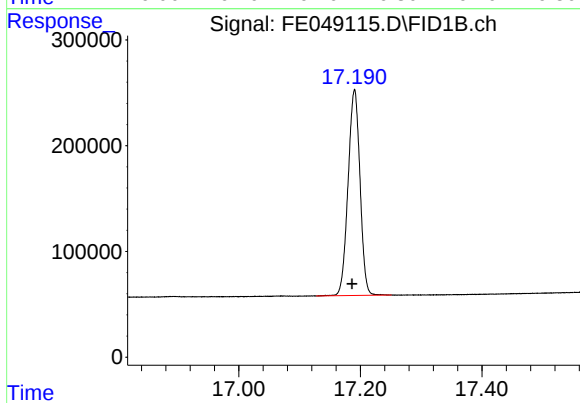
#14 n-Tetracosane (C24)

R.T.: 15.219 min
Delta R.T.: 0.000 min
Response: 2704698
Conc: 18.00 ug/ml



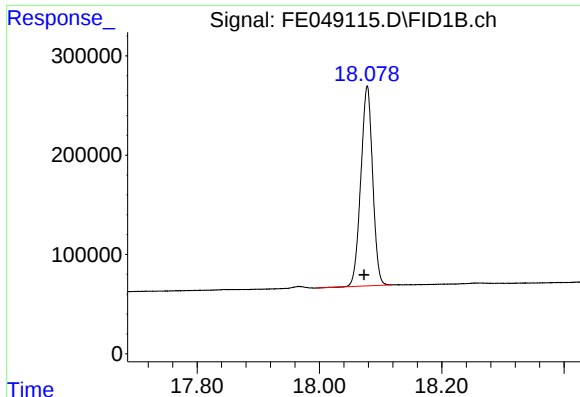
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 2678342
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.004 min
Response: 2649746
Conc: 18.37 ug/ml



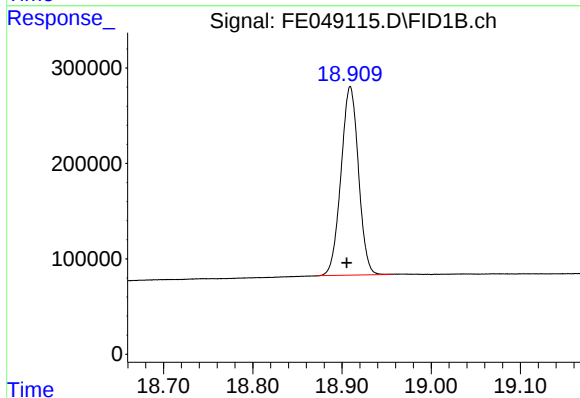
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: 0.005 min
Response: 2703453
Conc: 18.48 ug/ml

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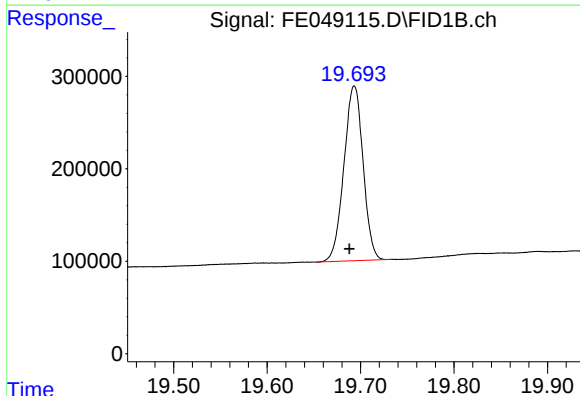
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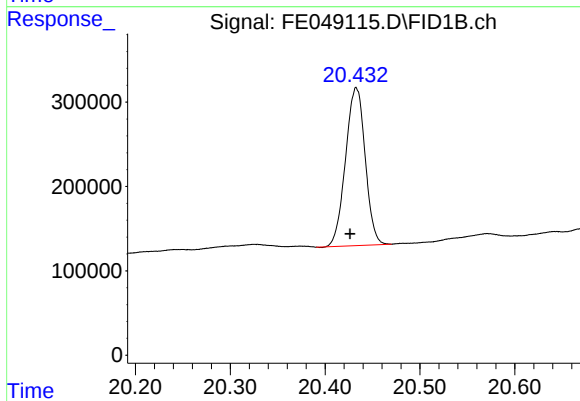
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: 0.003 min
Response: 2690109
Conc: 18.81 ug/ml m



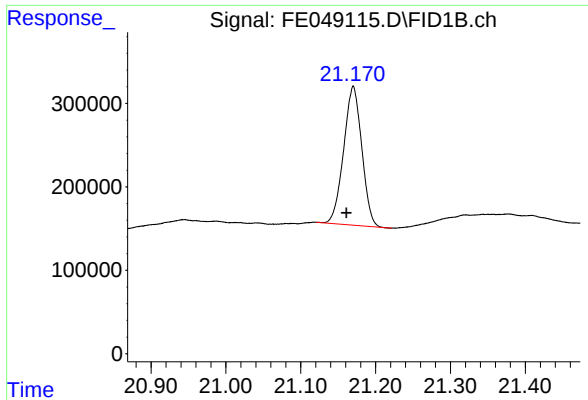
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.005 min
Response: 2693523
Conc: 19.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.006 min
Response: 2693659
Conc: 20.73 ug/ml



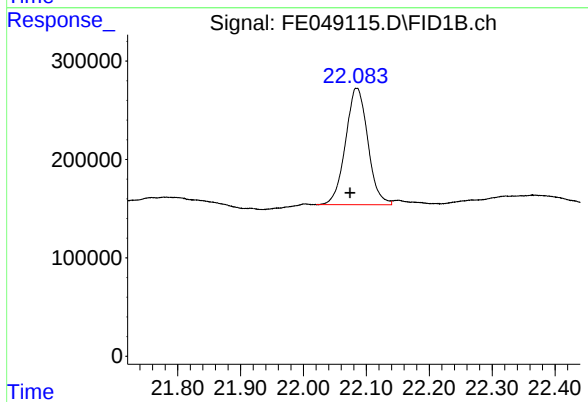
#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: 0.009 min
Response: 2803336
Conc: 21.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: 0.010 min
Response: 2916865
Conc: 23.82 ug/ml