

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032824AL\
 Data File : FE047389.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2024 20:13
 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 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: sample.E
 Quant Time: Mar 29 01:25:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 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)	11.983	3025835	19.322 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
12) S 1-chlorooctadecane (S...	13.416	2356803	19.433 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.366	2893072	19.811 ug/ml
2) T n-Decane (C10)	4.618	2945580	19.760 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3038027	19.582 ug/ml
4) T n-Dodecane (C12)	6.784	2938647	19.649 ug/ml
5) T A~2-methylnaphthalene...	7.421	2920726	19.517 ug/ml
6) T n-Tetradecane (C14)	8.611	2885473	19.563 ug/ml
7) T n-Hexadecane (C16)	10.219	2948989	19.483 ug/ml
8) T n-Octadecane (C18)	11.662	2953011	19.437 ug/ml
10) T n-Eicosane (C20)	12.970	2840658	19.524 ug/ml
11) T n-Heneicosane (C21)	13.582	2782849	19.471 ug/ml
13) T n-Docosane (C22)	14.168	2807456	19.777 ug/ml
14) T n-Tetracosane (C24)	15.270	2868959	20.351 ug/ml
15) T n-Hexacosane (C26)	16.290	2898570	20.845 ug/ml
16) T n-Octacosane (C28)	17.237	2923133	21.393 ug/mlm
17) T n-Tricontane (C30)	18.124	3062066	22.054 ug/mlm
18) T n-Dotriacontane (C32)	18.953	3040202	22.040 ug/ml
19) T n-Tetratriacontane (C34)	19.737	2904206	21.191 ug/mlm
20) T n-Hexatriacontane (C36)	20.475	2800944	20.509 ug/mlm
21) T n-Octatriacontane (C38)	21.218	2783826	20.083 ug/mlm
22) T n-Tetracontane (C40)	22.148	2701008	18.854 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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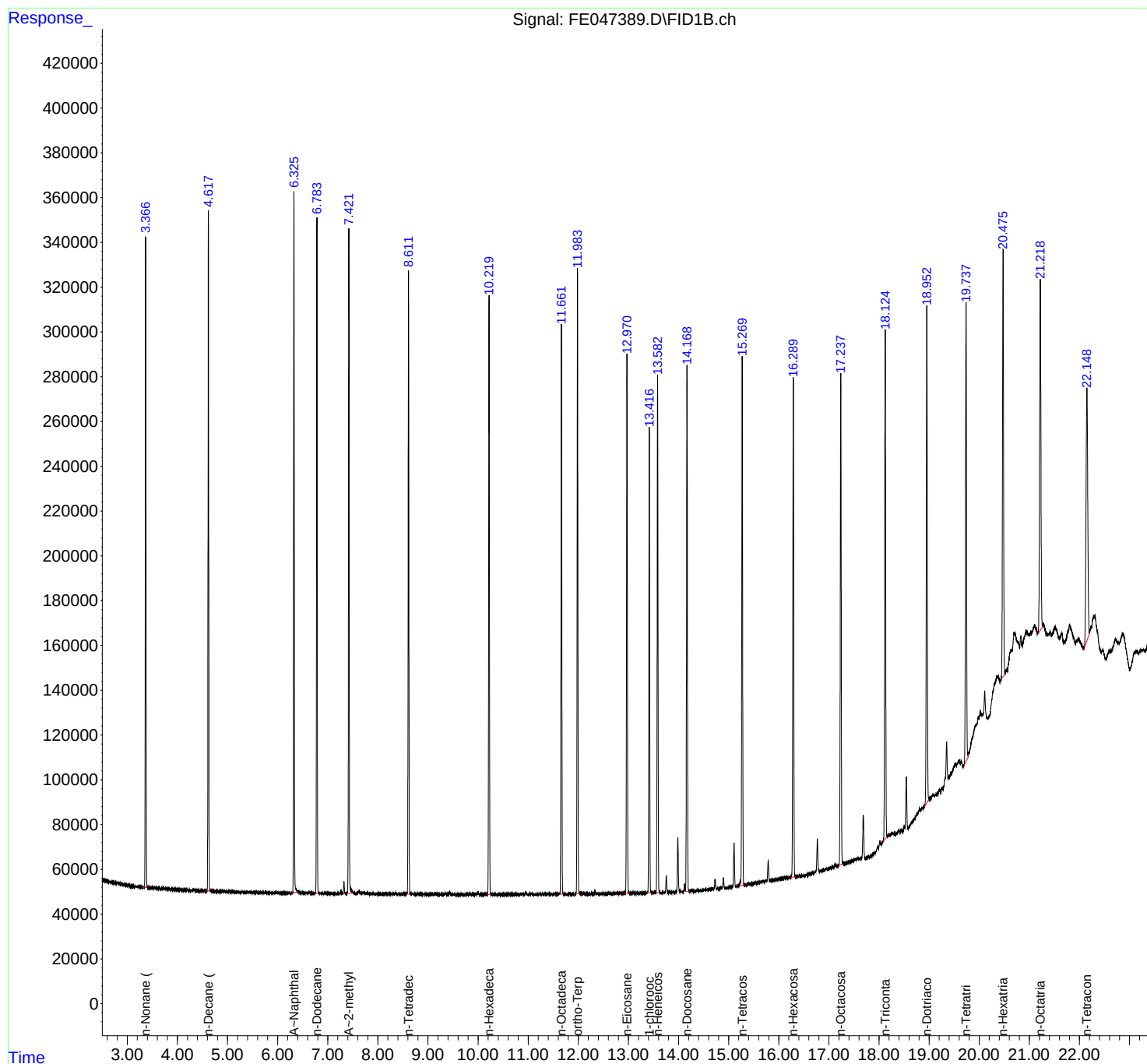
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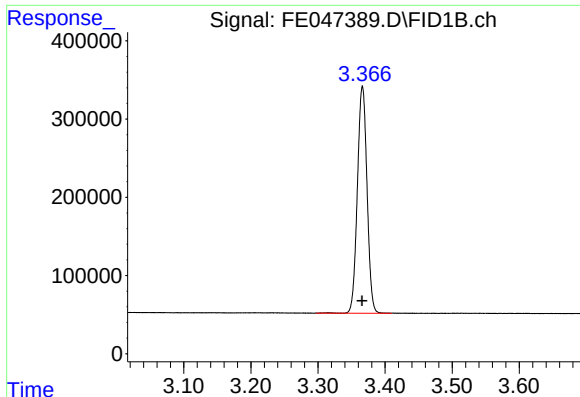
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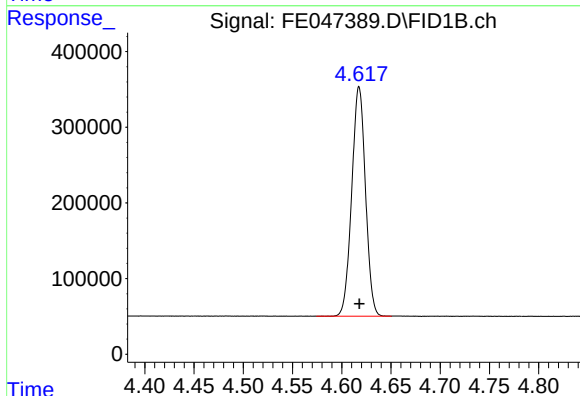
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 2893072
Conc: 19.81 ug/ml

Instrument : FID_E
ClientSampleId : 20 PPM ALIPHATIC HC STD

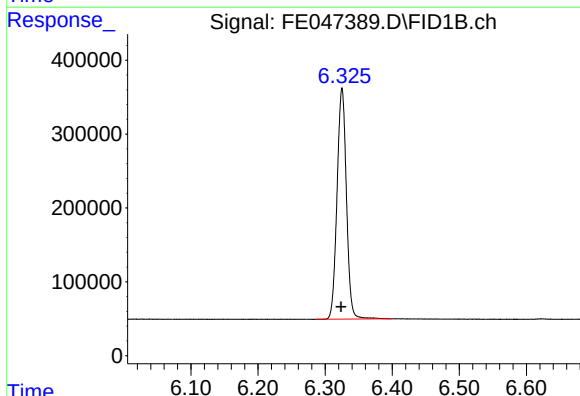
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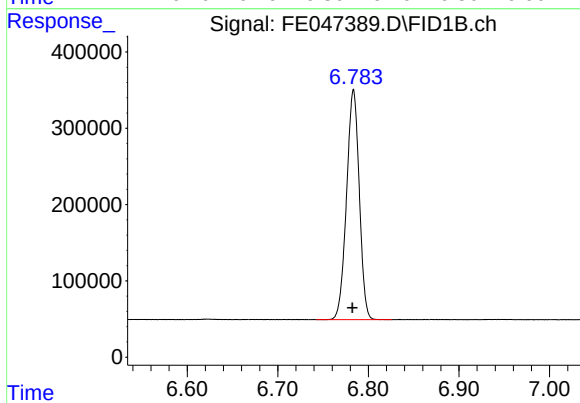
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 2945580
Conc: 19.76 ug/ml



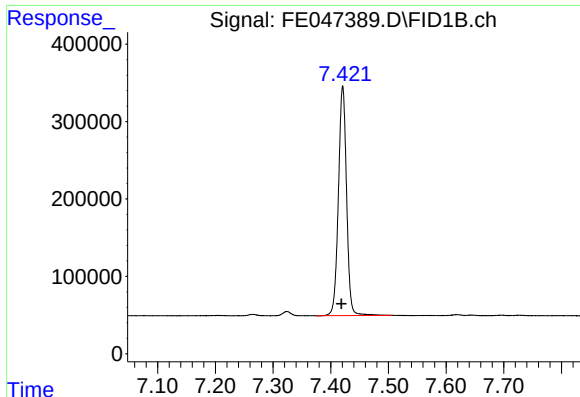
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 3038027
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 2938647
Conc: 19.65 ug/ml



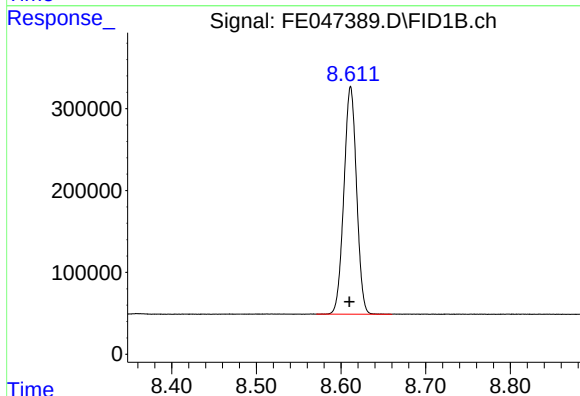
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 2920726
Conc: 19.52 ug/ml

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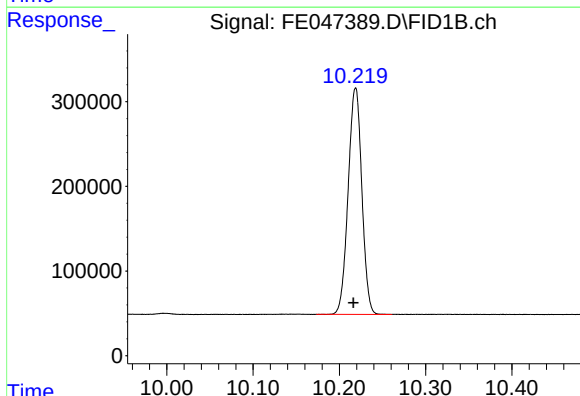
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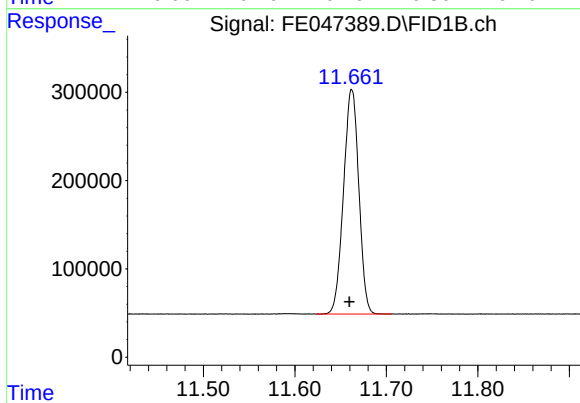
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.001 min
Response: 2885473
Conc: 19.56 ug/ml



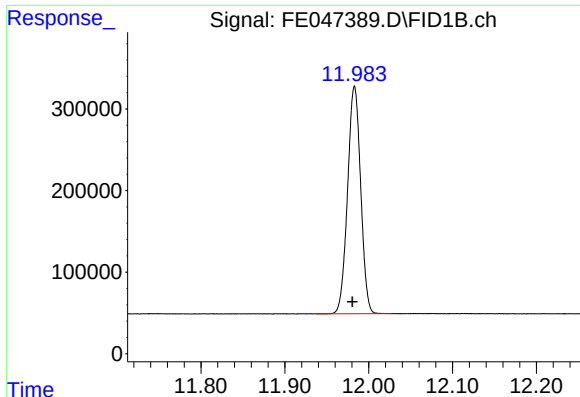
#7 n-Hexadecane (C16)

R.T.: 10.219 min
Delta R.T.: 0.002 min
Response: 2948989
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.003 min
Response: 2953011
Conc: 19.44 ug/ml



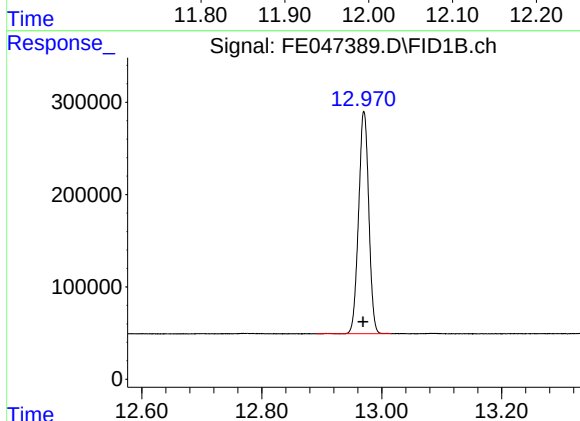
#9 ortho-Terphenyl (SURR)

R.T.: 11.983 min
Delta R.T.: 0.003 min
Response: 3025835
Conc: 19.32 ug/ml

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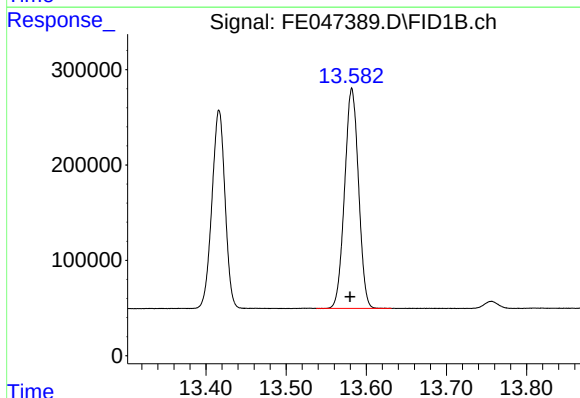
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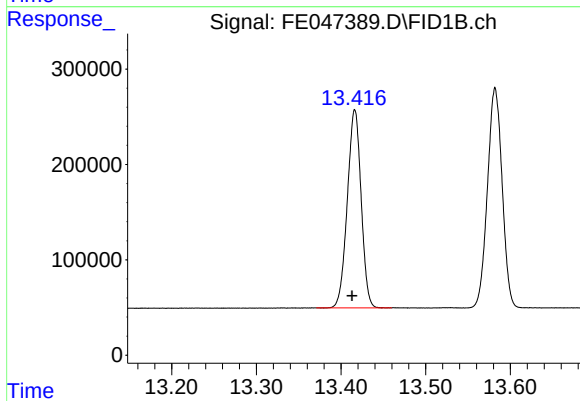
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.001 min
Response: 2840658
Conc: 19.52 ug/ml



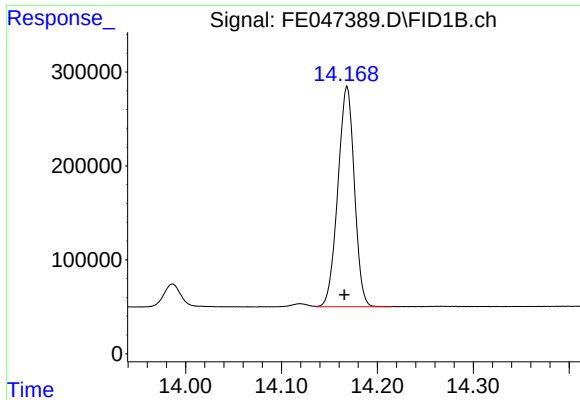
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.002 min
Response: 2782849
Conc: 19.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.003 min
Response: 2356803
Conc: 19.43 ug/ml



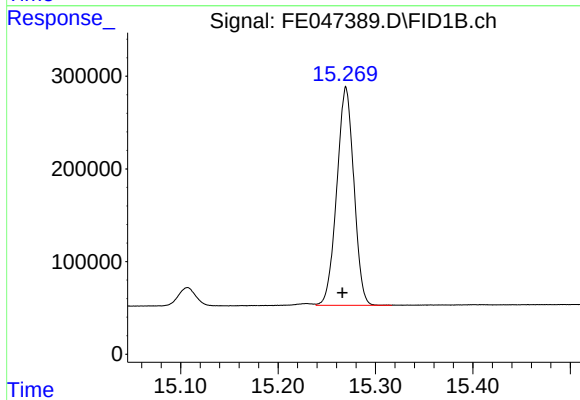
#13 n-Docosane (C22)

R.T.: 14.168 min
Delta R.T.: 0.003 min
Response: 2807456
Conc: 19.78 ug/ml

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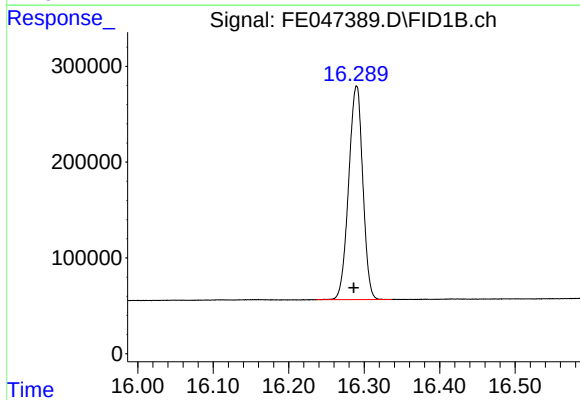
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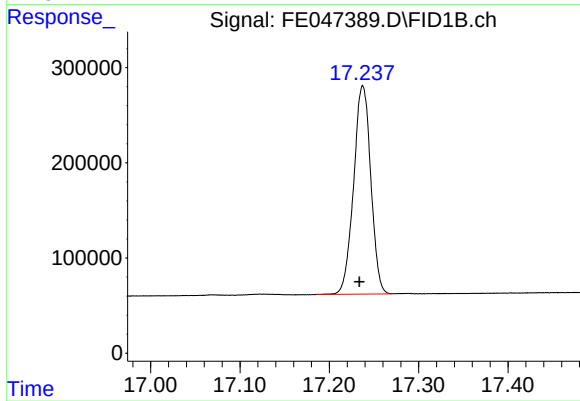
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.004 min
Response: 2868959
Conc: 20.35 ug/ml



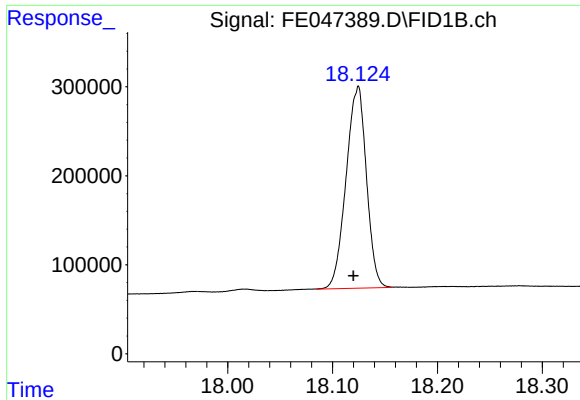
#15 n-Hexacosane (C26)

R.T.: 16.290 min
Delta R.T.: 0.004 min
Response: 2898570
Conc: 20.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.003 min
Response: 2923133
Conc: 21.39 ug/ml m



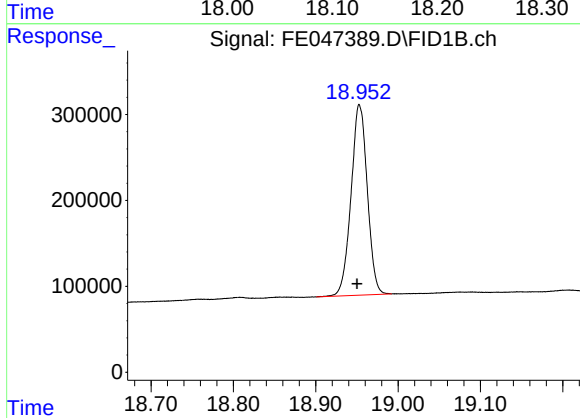
#17 n-Tricontane (C30)

R.T.: 18.124 min
Delta R.T.: 0.005 min
Response: 3062066
Conc: 22.05 ug/ml

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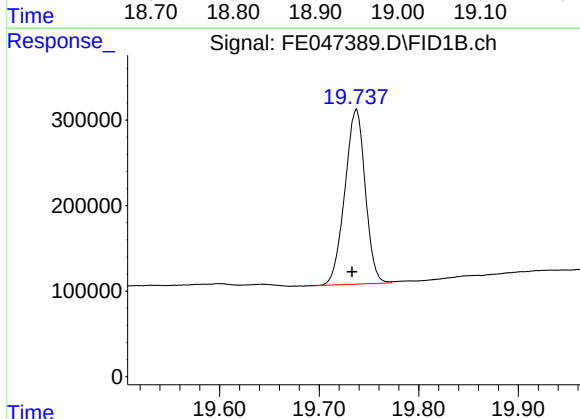
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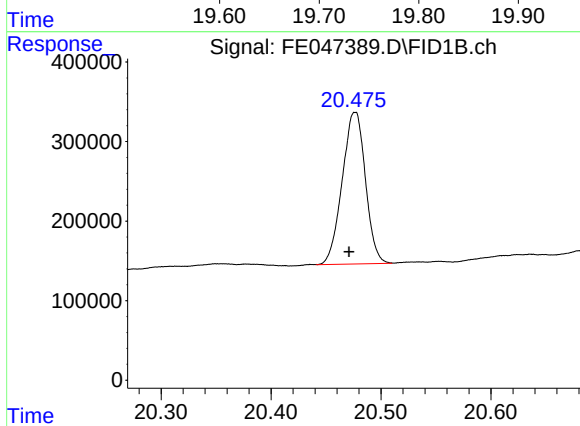
#18 n-Dotriacontane (C32)

R.T.: 18.953 min
Delta R.T.: 0.003 min
Response: 3040202
Conc: 22.04 ug/ml



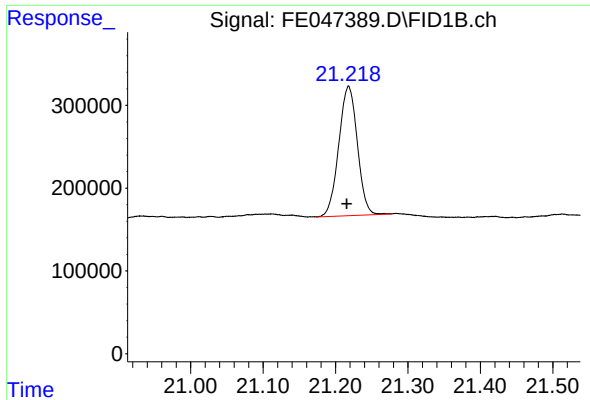
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.004 min
Response: 2904206
Conc: 21.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: 0.004 min
Response: 2800944
Conc: 20.51 ug/ml m



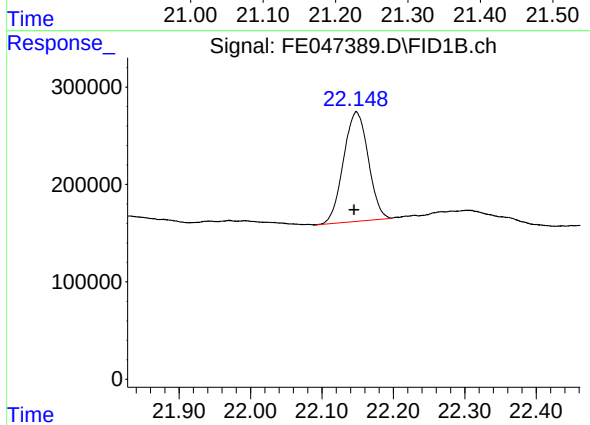
#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.002 min
Response: 2783826
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.148 min
Delta R.T.: 0.003 min
Response: 2701008
Conc: 18.85 ug/ml