

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060624AL\
 Data File : FE048586.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2024 11:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2024
 Supervised By :Ankita Jodhani 06/07/2024

Integration File: autoint1.e
 Quant Time: Jun 07 01:24:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 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)	11.946	2630778	18.321 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	13.379	1980050	18.175 ug/ml
Spiked Amount 50.000		Recovery =	36.35%
Target Compounds			
1) T n-Nonane (C9)	3.332	2650294	17.727 ug/ml
2) T n-Decane (C10)	4.582	2746290	18.187 ug/ml
3) T A~Naphthalene (C11.7)	6.288	2689372	18.062 ug/ml
4) T n-Dodecane (C12)	6.747	2696959	18.219 ug/ml
5) T A~2-methylnaphthalene...	7.383	2510654	18.107 ug/ml
6) T n-Tetradecane (C14)	8.575	2592159	18.276 ug/ml
7) T n-Hexadecane (C16)	10.183	2578206	18.288 ug/ml
8) T n-Octadecane (C18)	11.625	2536188	18.261 ug/ml
10) T n-Eicosane (C20)	12.935	2426222	18.334 ug/ml
11) T n-Heneicosane (C21)	13.546	2371368	18.308 ug/ml
13) T n-Docosane (C22)	14.133	2391889	18.562 ug/ml
14) T n-Tetracosane (C24)	15.234	2503714	19.326 ug/ml
15) T n-Hexacosane (C26)	16.255	2553322	19.701 ug/ml
16) T n-Octacosane (C28)	17.204	2666740	20.632 ug/ml
17) T n-Tricontane (C30)	18.090	2879324	21.494 ug/ml
18) T n-Dotriacontane (C32)	18.924	2936731	21.635 ug/ml
19) T n-Tetratriacontane (C34)	19.706	2809395	20.536 ug/mlm
20) T n-Hexatriacontane (C36)	20.445	2635625	19.389 ug/ml
21) T n-Octatriacontane (C38)	21.183	2557957	18.757 ug/ml
22) T n-Tetracontane (C40)	22.101	2465453	18.006 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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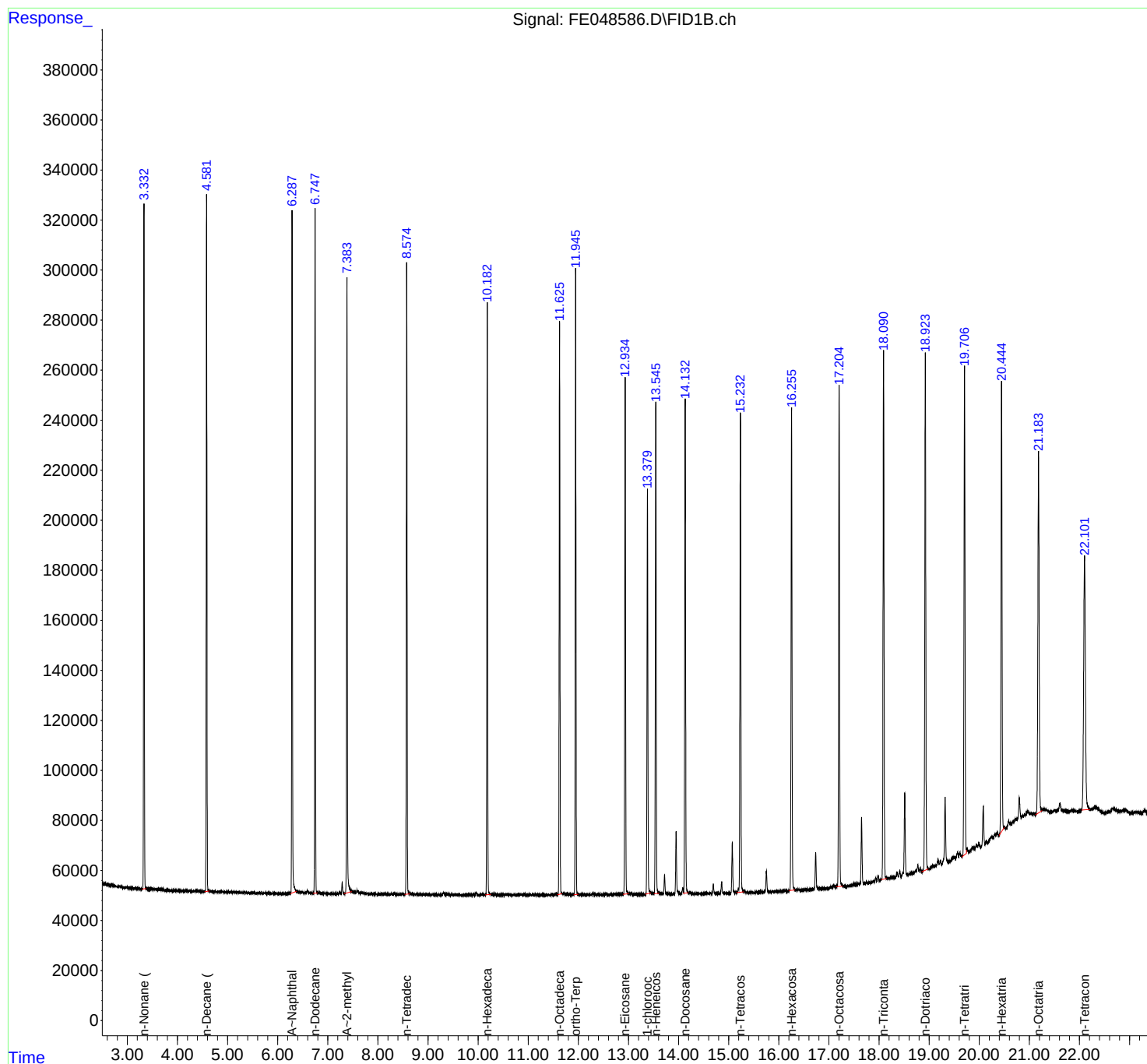
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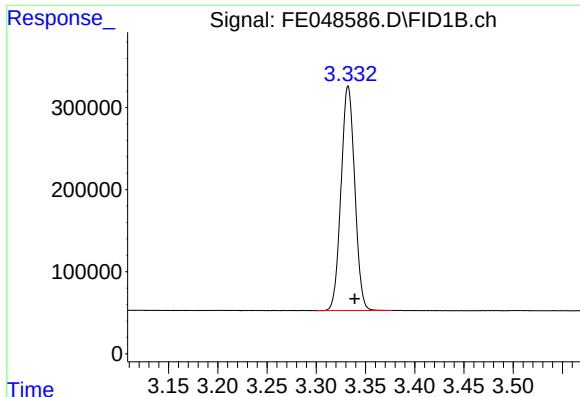
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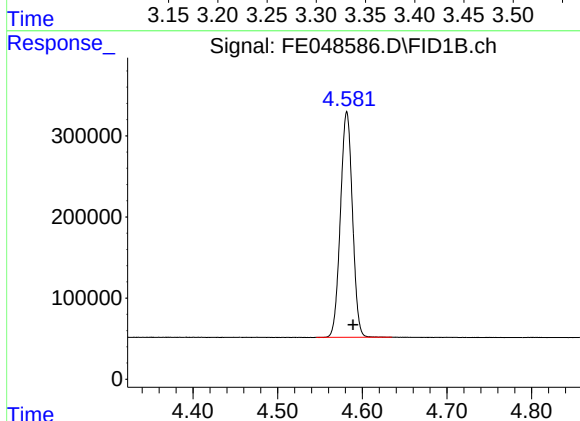
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: -0.007 min
Response: 2650294
Conc: 17.73 ug/ml

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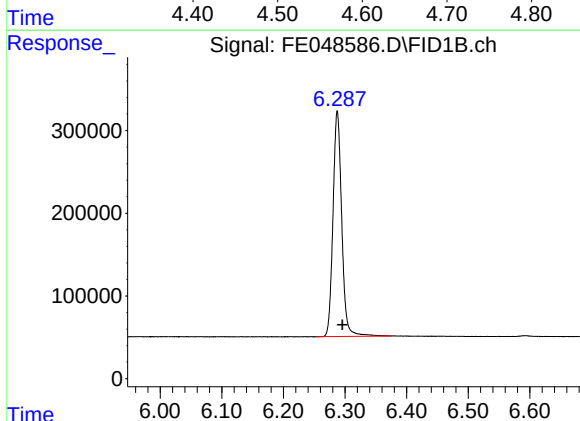
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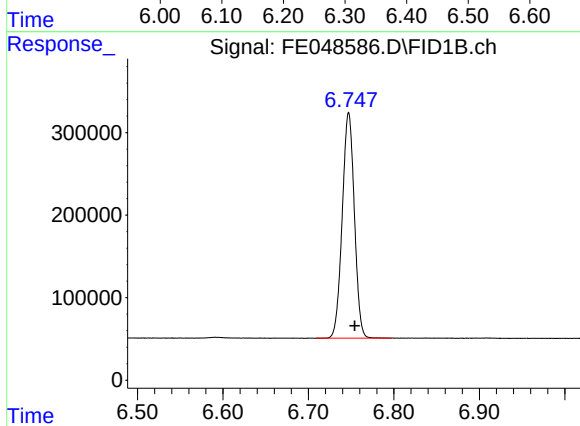
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 2746290
Conc: 18.19 ug/ml



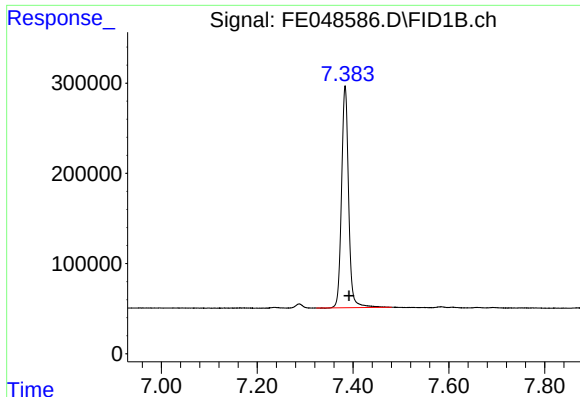
#3 A~Naphthalene (C11.7)

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 2689372
Conc: 18.06 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 2696959
Conc: 18.22 ug/ml



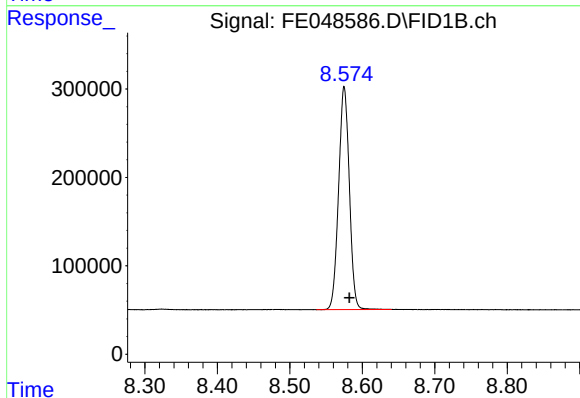
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.383 min
Delta R.T.: -0.008 min
Response: 2510654
Conc: 18.11 ug/ml

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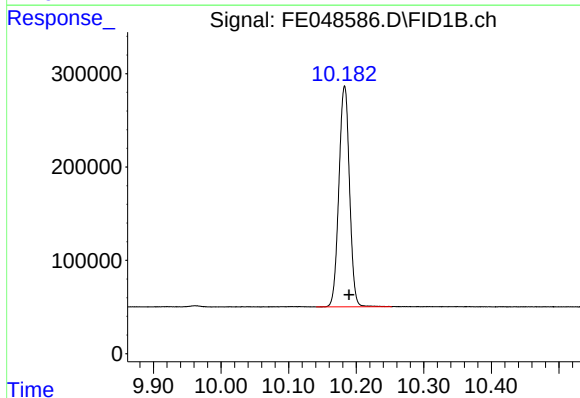
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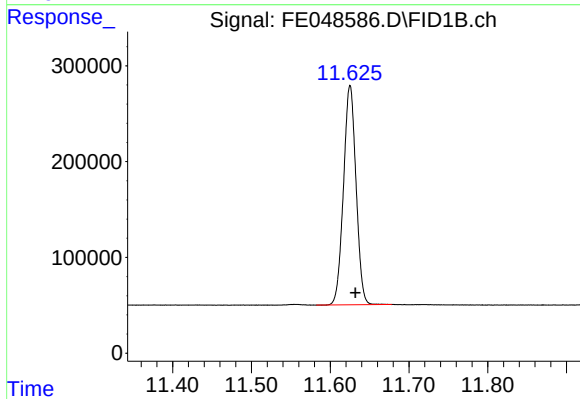
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.008 min
Response: 2592159
Conc: 18.28 ug/ml



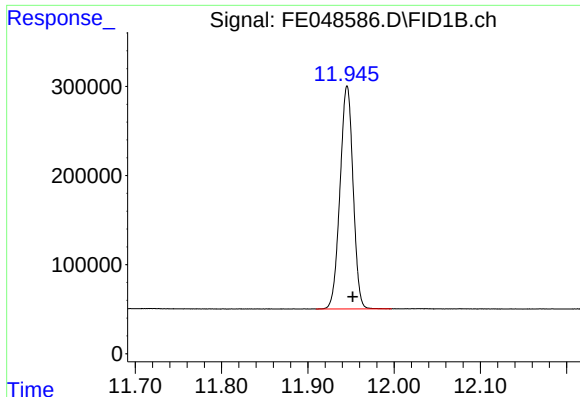
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.006 min
Response: 2578206
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.007 min
Response: 2536188
Conc: 18.26 ug/ml



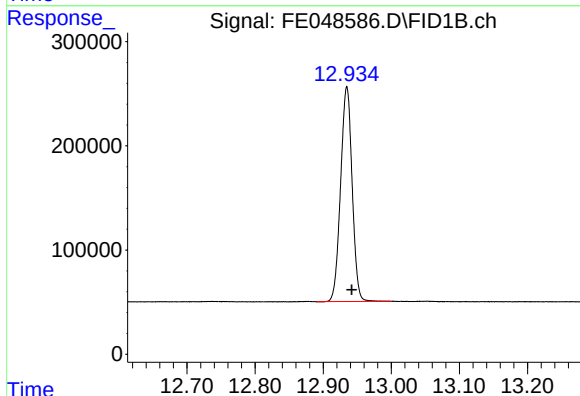
#9 ortho-Terphenyl (SURR)

R.T.: 11.946 min
Delta R.T.: -0.006 min
Response: 2630778
Conc: 18.32 ug/ml

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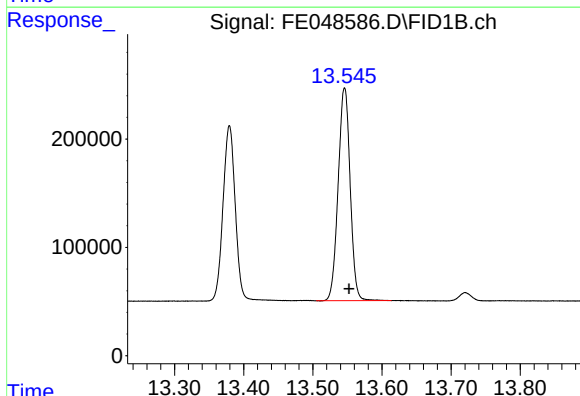
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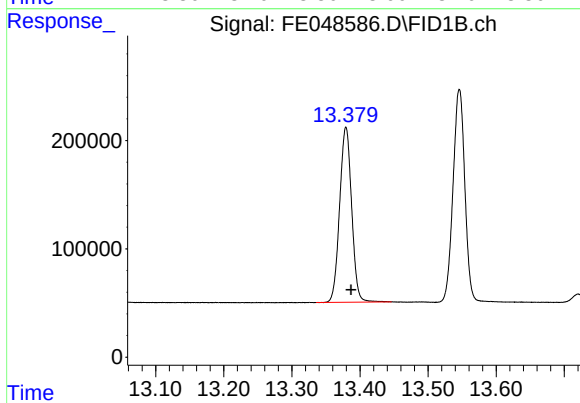
#10 n-Eicosane (C20)

R.T.: 12.935 min
Delta R.T.: -0.007 min
Response: 2426222
Conc: 18.33 ug/ml



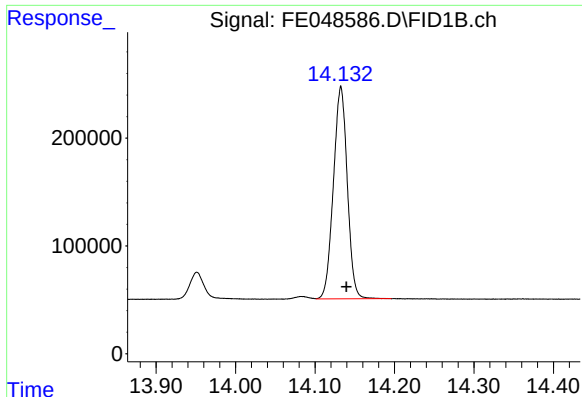
#11 n-Heneicosane (C21)

R.T.: 13.546 min
Delta R.T.: -0.007 min
Response: 2371368
Conc: 18.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.007 min
Response: 1980050
Conc: 18.18 ug/ml



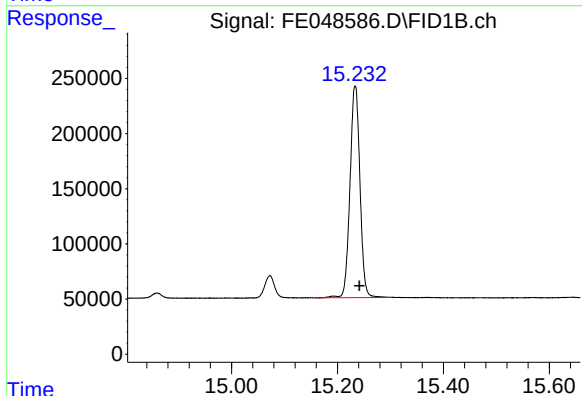
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.007 min
Response: 2391889
Conc: 18.56 ug/ml

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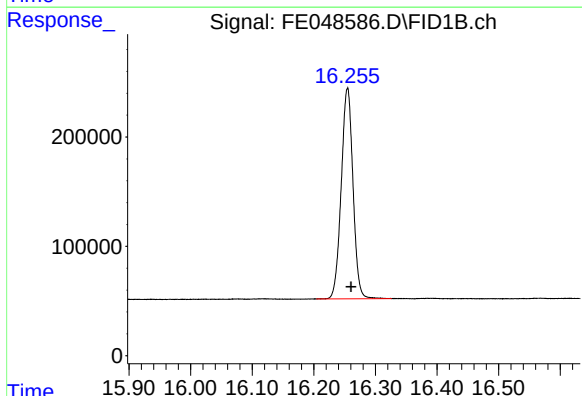
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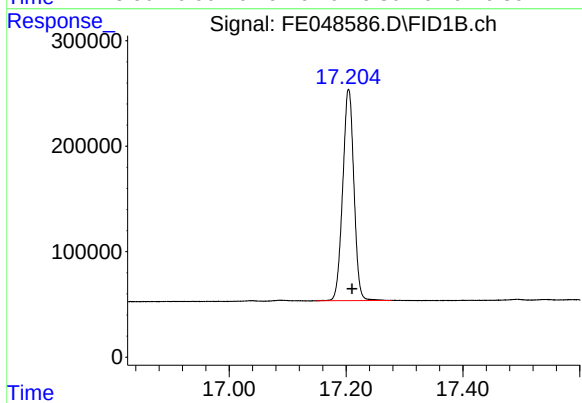
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.008 min
Response: 2503714
Conc: 19.33 ug/ml



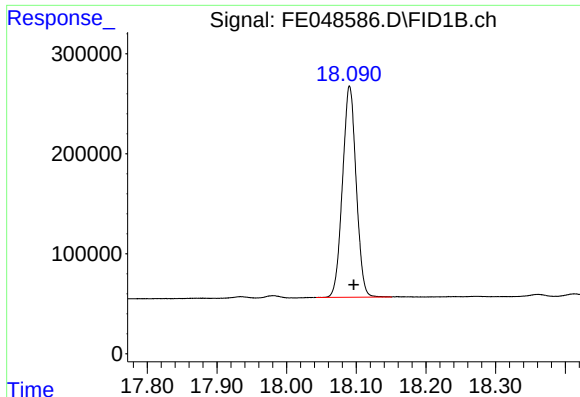
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.006 min
Response: 2553322
Conc: 19.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.006 min
Response: 2666740
Conc: 20.63 ug/ml



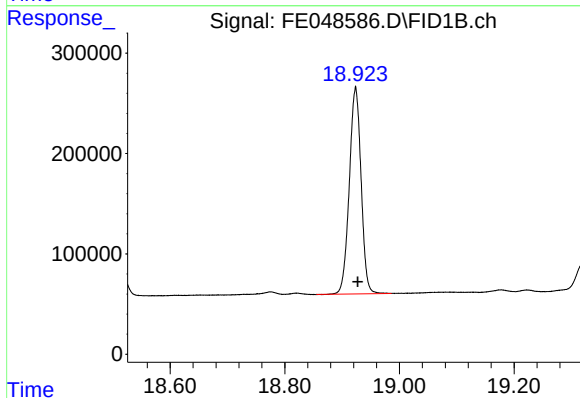
#17 n-Tricontane (C30)

R.T.: 18.090 min
Delta R.T.: -0.006 min
Response: 2879324
Conc: 21.49 ug/ml

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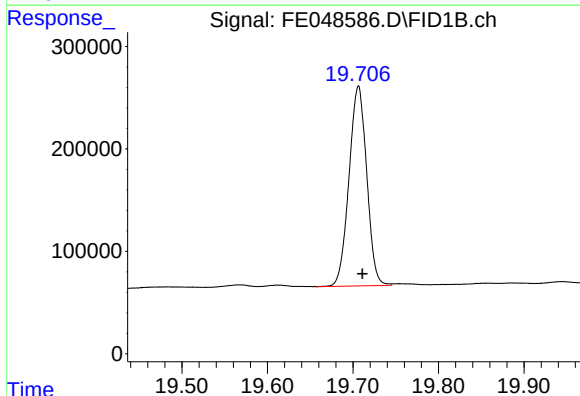
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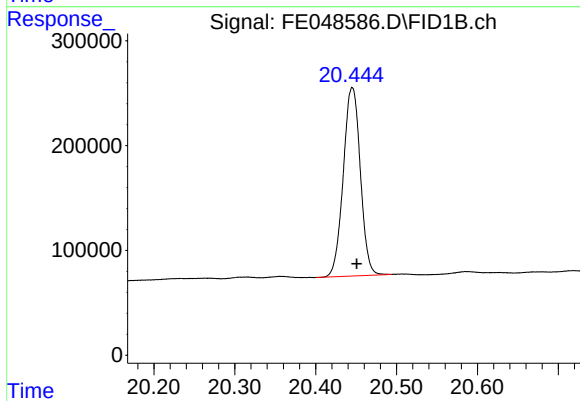
#18 n-Dotriacontane (C32)

R.T.: 18.924 min
Delta R.T.: -0.004 min
Response: 2936731
Conc: 21.63 ug/ml



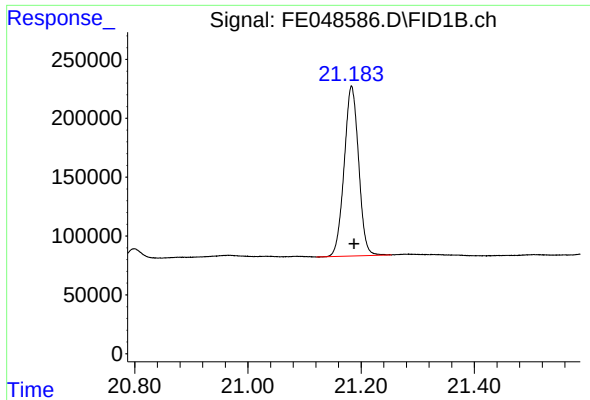
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.005 min
Response: 2809395
Conc: 20.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.445 min
Delta R.T.: -0.005 min
Response: 2635625
Conc: 19.39 ug/ml



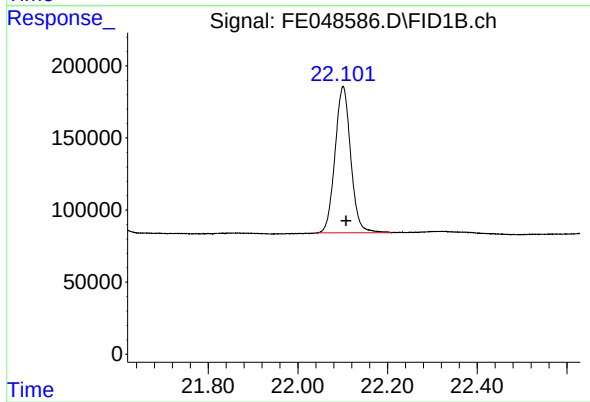
#21 n-Octatriacontane (C38)

R.T.: 21.183 min
Delta R.T.: -0.005 min
Response: 2557957
Conc: 18.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.101 min
Delta R.T.: -0.006 min
Response: 2465453
Conc: 18.01 ug/ml