

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046122.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 16:11
 Operator : YP\AJ
 Sample : P1067-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-A-COMP(0-8)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2024
 Supervised By :Ankita Jodhani 01/10/2024

Integration File: autoint1.e
 Quant Time: Jan 10 02:38:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.835	5443396	29.954 ug/ml
Spiked Amount 50.000		Recovery =	59.91%
12) S 1-chlorooctadecane (S...	13.278	4389153	32.850 ug/ml
Spiked Amount 50.000		Recovery =	65.70%
Target Compounds			
1) T n-Nonane (C9)	3.224	4173599	27.270 ug/ml
2) T n-Decane (C10)	4.473	4699296	30.280 ug/ml
3) T A~Naphthalene (C11.7)	6.174	5611308	33.741 ug/ml
4) T n-Dodecane (C12)	6.638	5181583	33.186 ug/ml
5) T A~2-methylnaphthalene...	7.270	5654136	35.513 ug/ml
6) T n-Tetradecane (C14)	8.467	5511439	35.381 ug/ml
7) T n-Hexadecane (C16)	10.076	5824296	36.779 ug/ml
8) T n-Octadecane (C18)	11.521	6071657	38.577 ug/ml
10) T n-Eicosane (C20)	12.833	6151160	40.661 ug/ml
11) T n-Heneicosane (C21)	13.446	5877282	39.968 ug/ml
13) T n-Docosane (C22)	14.033	5807008	39.727 ug/ml
14) T n-Tetracosane (C24)	15.137	12740482	87.845 ug/ml
15) T n-Hexacosane (C26)	16.164	5489897	38.293 ug/ml
16) T n-Octacosane (C28)	17.118	6844866	47.726 ug/mlm
17) T n-Tricontane (C30)	18.009	5356688	36.039 ug/ml
18) T n-Dotriacontane (C32)	18.845	5825917	38.953 ug/mlm
19) T n-Tetratriacontane (C34)	19.629	5357148	37.396 ug/ml
20) T n-Hexatriacontane (C36)	20.374	5151816	35.335 ug/ml
21) T n-Octatriacontane (C38)	21.106	5636898	38.227 ug/ml
22) T n-Tetracontane (C40)	22.005	5515963	35.240 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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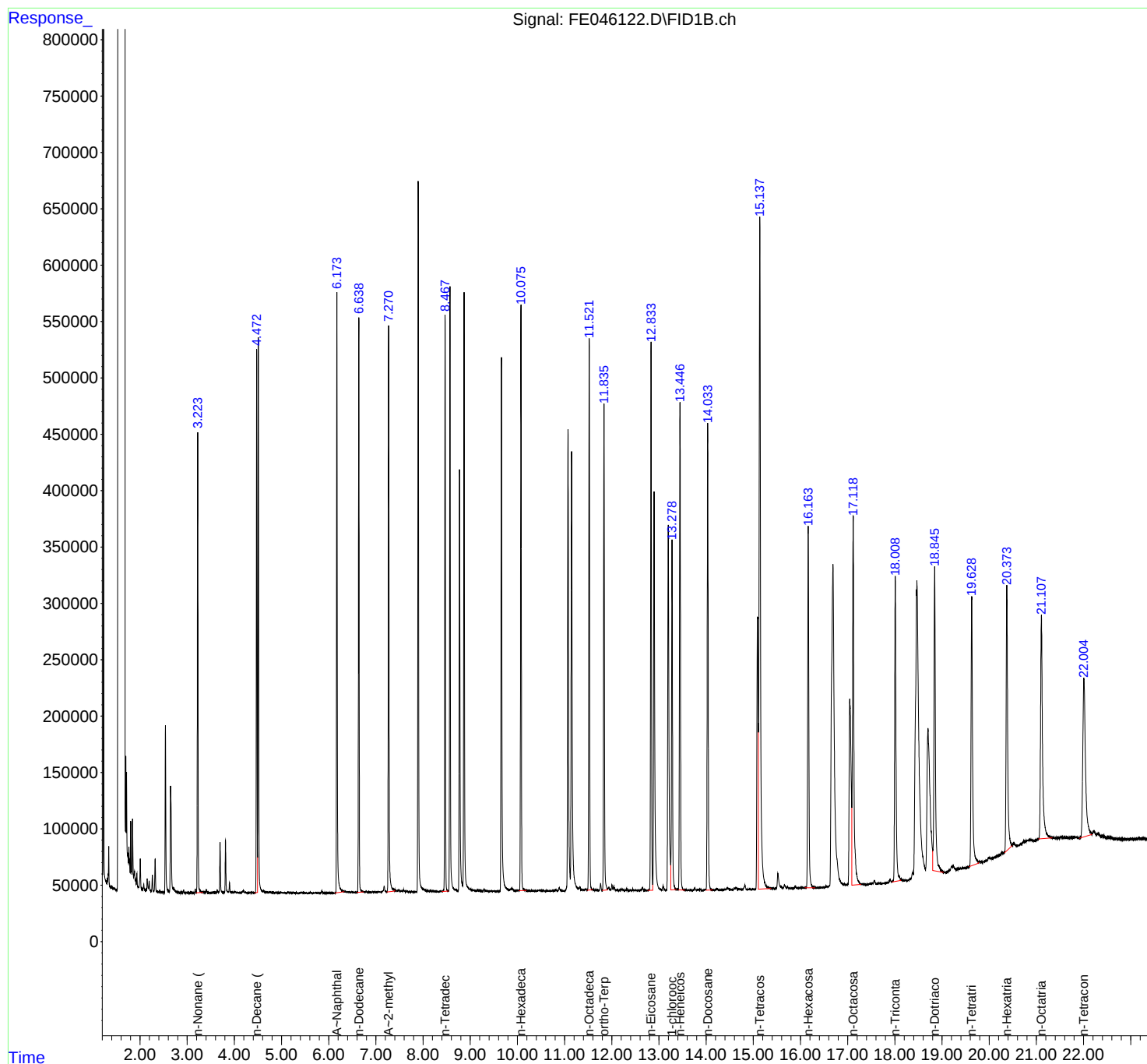
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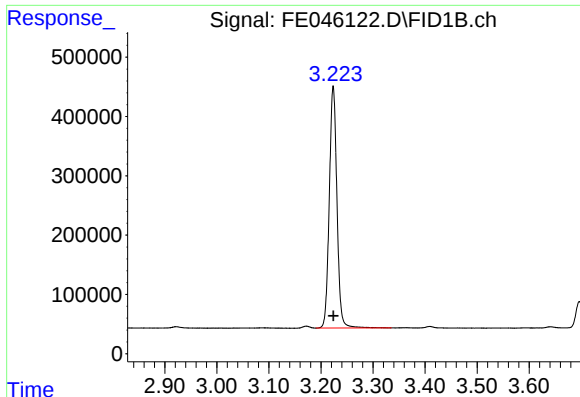
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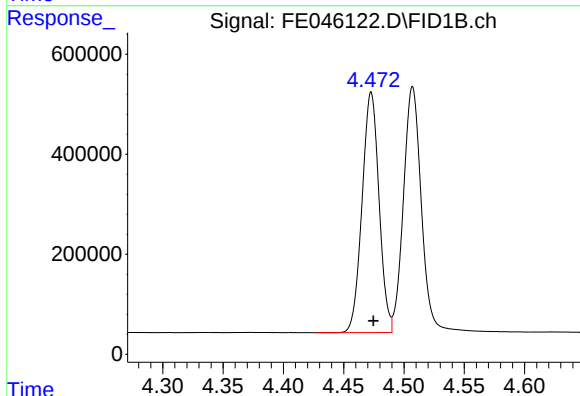
#1 n-Nonane (C9)

R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 4173599
Conc: 27.27 ug/ml

Instrument :
FID_E
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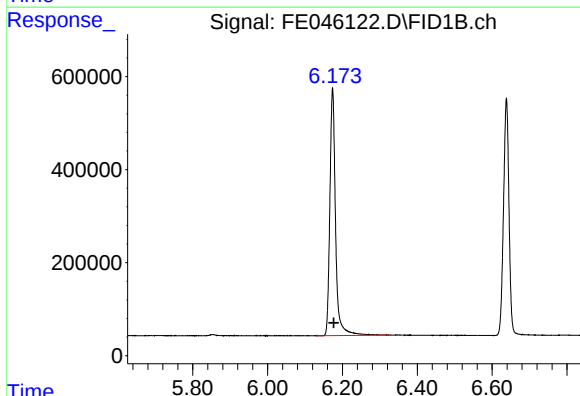
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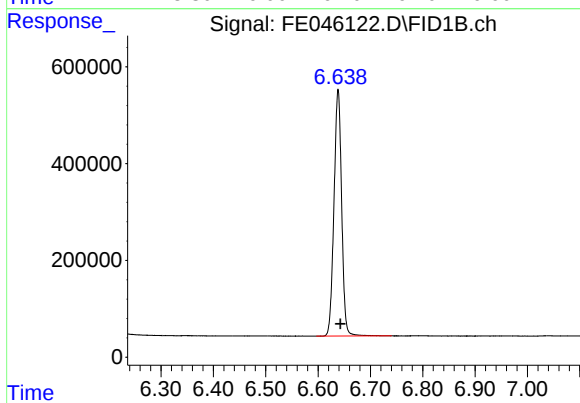
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.002 min
Response: 4699296
Conc: 30.28 ug/ml



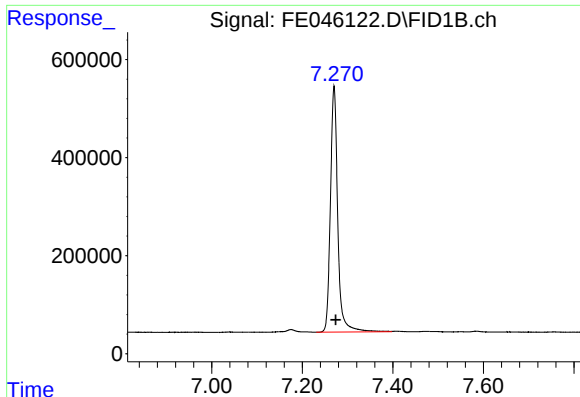
#3 A~Naphthalene (C11.7)

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 5611308
Conc: 33.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.004 min
Response: 5181583
Conc: 33.19 ug/ml



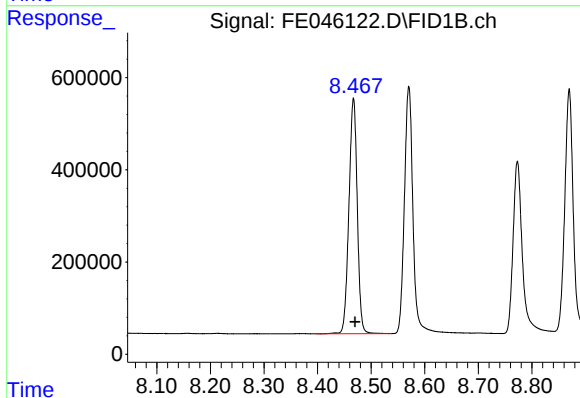
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 5654136
Conc: 35.51 ug/ml

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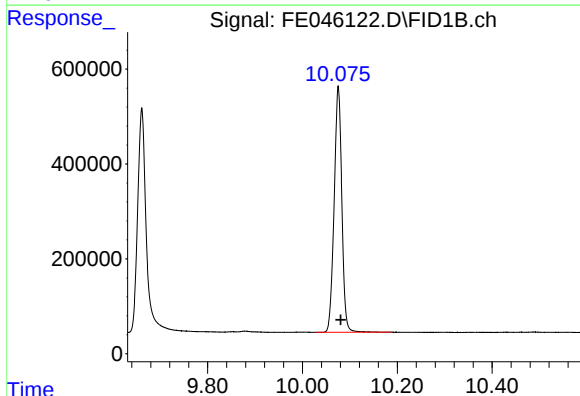
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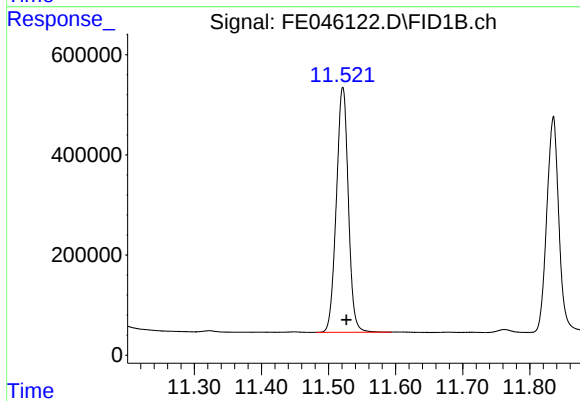
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.003 min
Response: 5511439
Conc: 35.38 ug/ml



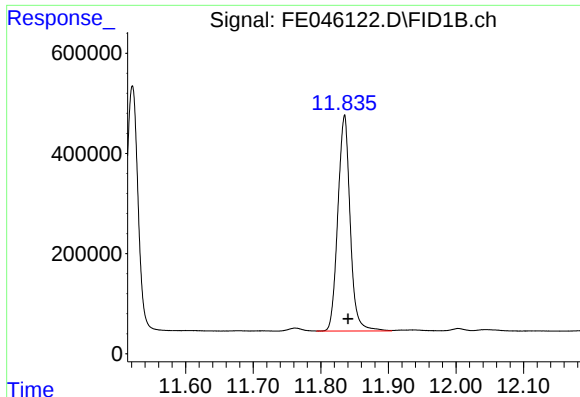
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.005 min
Response: 5824296
Conc: 36.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.521 min
Delta R.T.: -0.005 min
Response: 6071657
Conc: 38.58 ug/ml



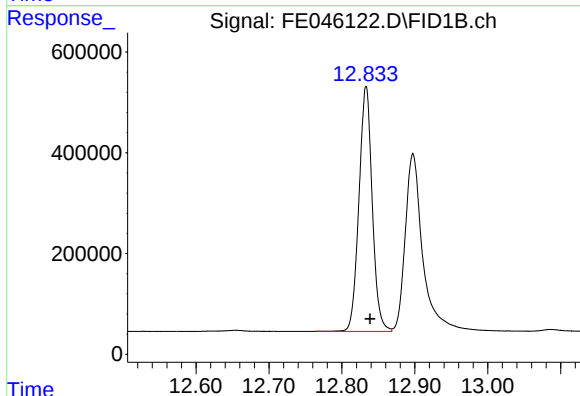
#9 ortho-Terphenyl (SURR)

R.T.: 11.835 min
Delta R.T.: -0.005 min
Response: 5443396
Conc: 29.95 ug/ml

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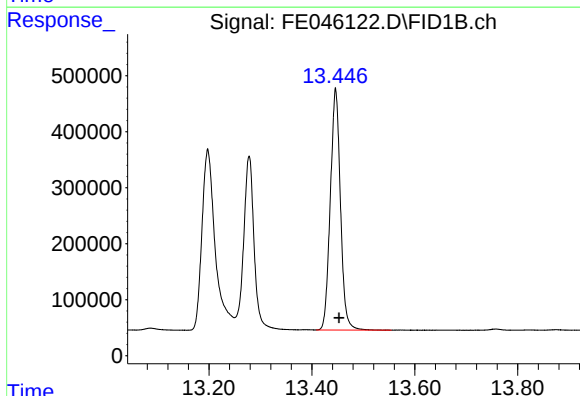
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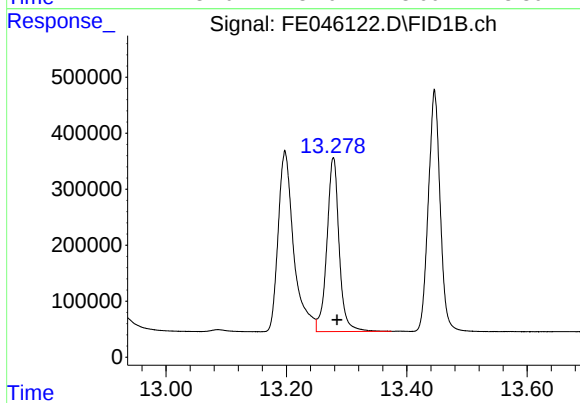
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.006 min
Response: 6151160
Conc: 40.66 ug/ml



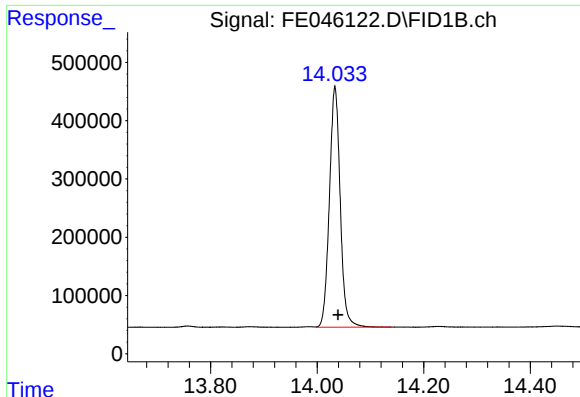
#11 n-Heneicosane (C21)

R.T.: 13.446 min
Delta R.T.: -0.006 min
Response: 5877282
Conc: 39.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.006 min
Response: 4389153
Conc: 32.85 ug/ml



#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.006 min
Response: 5807008
Conc: 39.73 ug/ml

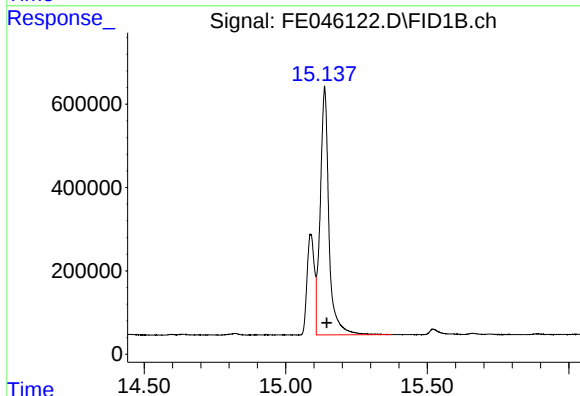
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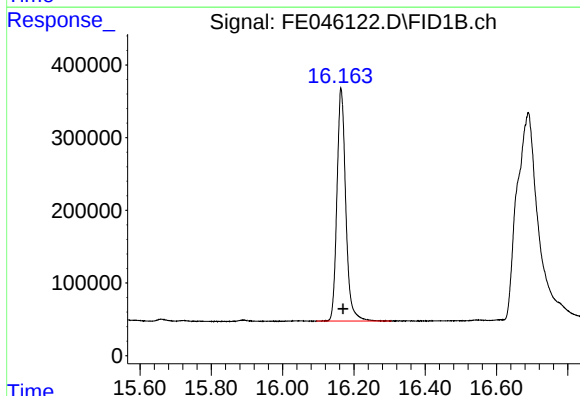
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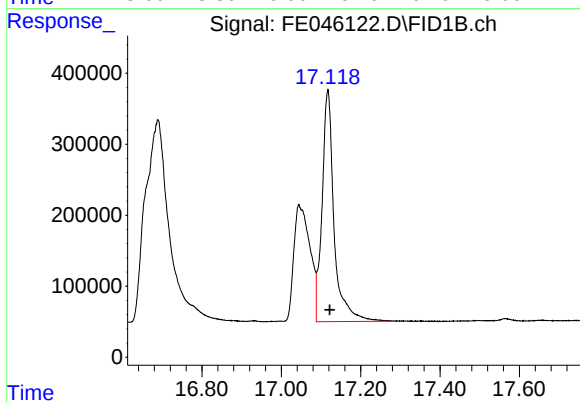
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: -0.008 min
Response: 12740482
Conc: 87.85 ug/ml



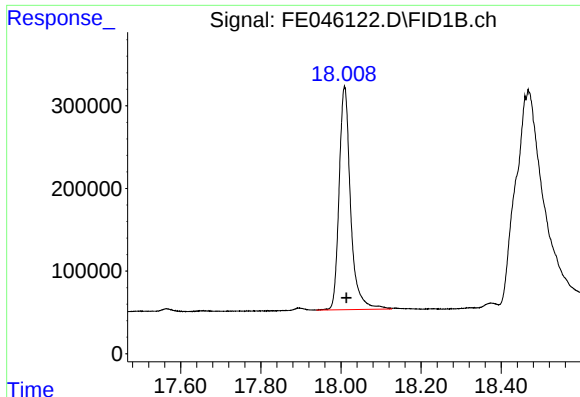
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.006 min
Response: 5489897
Conc: 38.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: -0.005 min
Response: 6844866
Conc: 47.73 ug/ml m



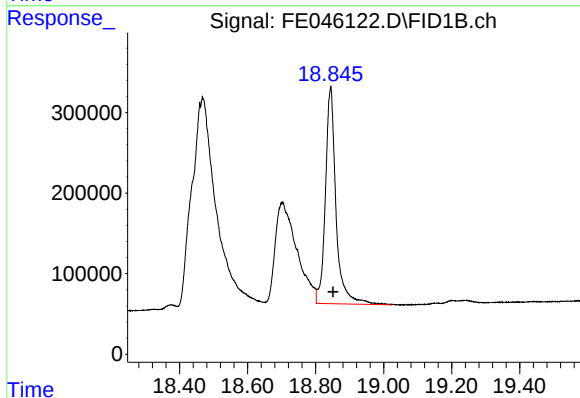
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.005 min
Response: 5356688
Conc: 36.04 ug/ml

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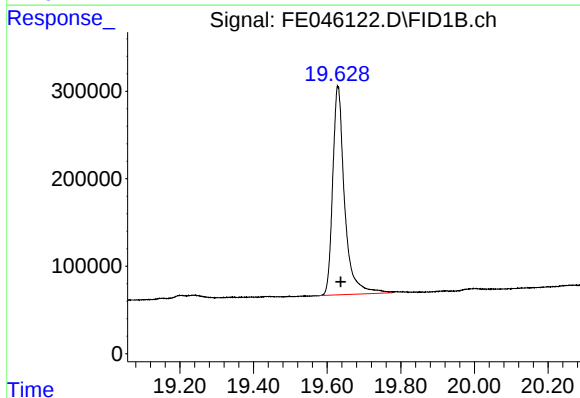
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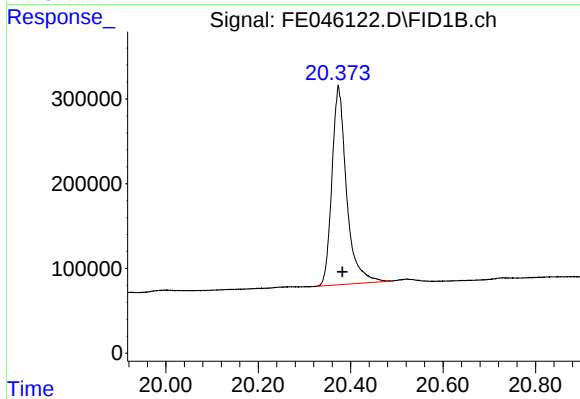
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.007 min
Response: 5825917
Conc: 38.95 ug/ml m



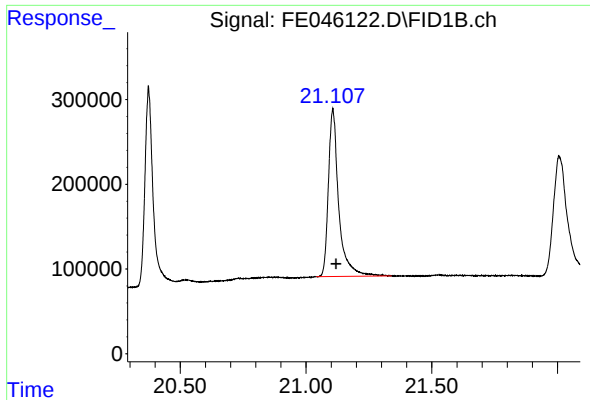
#19 n-Tetratriacontane (C34)

R.T.: 19.629 min
Delta R.T.: -0.008 min
Response: 5357148
Conc: 37.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.009 min
Response: 5151816
Conc: 35.33 ug/ml



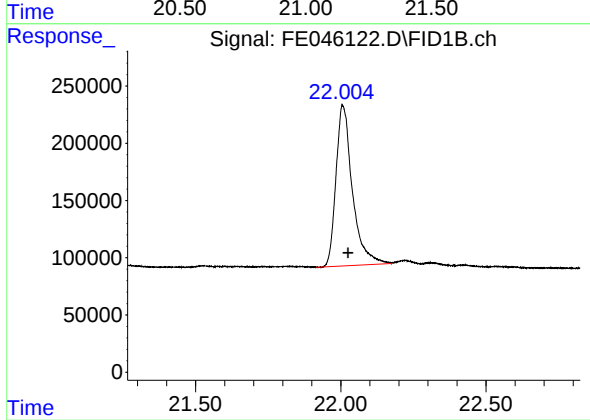
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.013 min
Response: 5636898
Conc: 38.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: -0.020 min
Response: 5515963
Conc: 35.24 ug/ml