

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049599.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 16:31
 Operator : YP\AJ
 Sample : P3597-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-1-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2024
 Supervised By :Ankita Jodhani 08/15/2024

Integration File: autoint1.e
 Quant Time: Aug 15 03:52:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.888	4621793	28.581 ug/ml
Spiked Amount 50.000		Recovery =	57.16%
12) S 1-chlorooctadecane (S...	13.323	3661856	30.014 ug/ml
Spiked Amount 50.000		Recovery =	60.03%
Target Compounds			
1) T n-Nonane (C9)	3.279	4030245	26.043 ug/ml
2) T n-Decane (C10)	4.529	4483460	28.396 ug/ml
3) T A~Naphthalene (C11.7)	6.234	4640461	28.921 ug/ml
4) T n-Dodecane (C12)	6.695	4764309	30.306 ug/ml
5) T A~2-methylnaphthalene...	7.330	4618511	30.841 ug/ml
6) T n-Tetradecane (C14)	8.524	5025386	32.552 ug/ml
7) T n-Hexadecane (C16)	10.129	5316329	34.040 ug/ml
8) T n-Octadecane (C18)	11.571	5506223	35.060 ug/ml
10) T n-Eicosane (C20)	12.879	5554195	37.200 ug/mlm
11) T n-Heneicosane (C21)	13.490	5370924	36.612 ug/ml
13) T n-Docosane (C22)	14.076	5347440	36.689 ug/ml
14) T n-Tetracosane (C24)	15.171	10012935	68.834 ug/ml
15) T n-Hexacosane (C26)	16.197	5244156	36.336 ug/ml
16) T n-Octacosane (C28)	17.145	5542373	38.478 ug/ml
17) T n-Tricontane (C30)	18.033	5430301	36.274 ug/ml
18) T n-Dotriacontane (C32)	18.863	5381585	35.573 ug/ml
19) T n-Tetratriacontane (C34)	19.646	5642894	36.911 ug/ml
20) T n-Hexatriacontane (C36)	20.385	5634582	37.106 ug/ml
21) T n-Octatriacontane (C38)	21.113	5769549	36.760 ug/ml
22) T n-Tetracontane (C40)	22.007	5621159	36.817 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

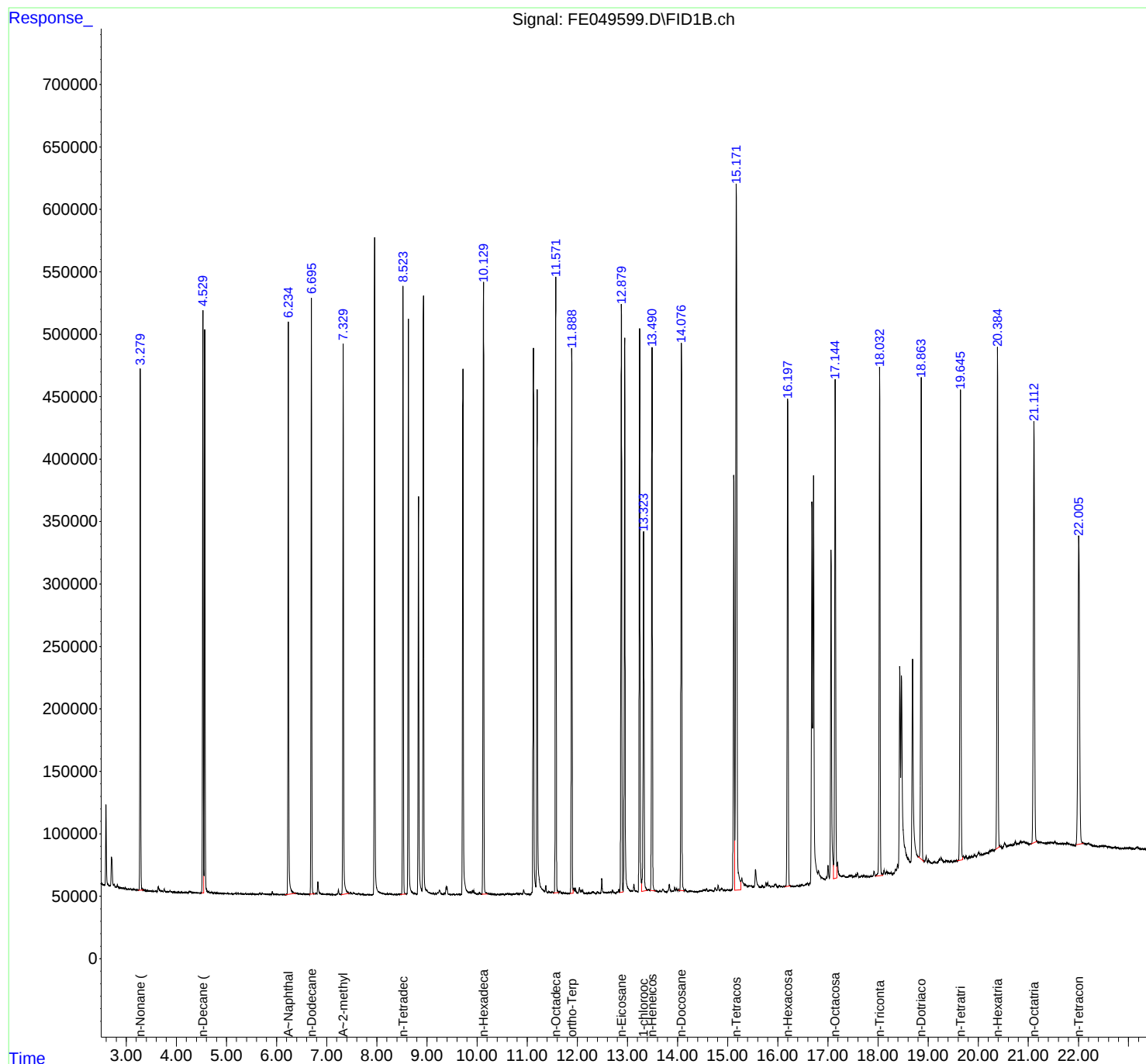
Instrument :
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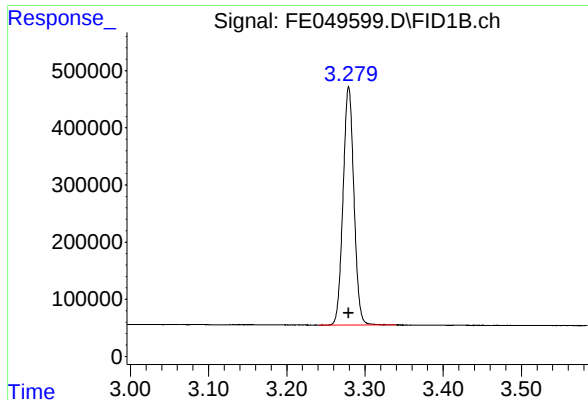
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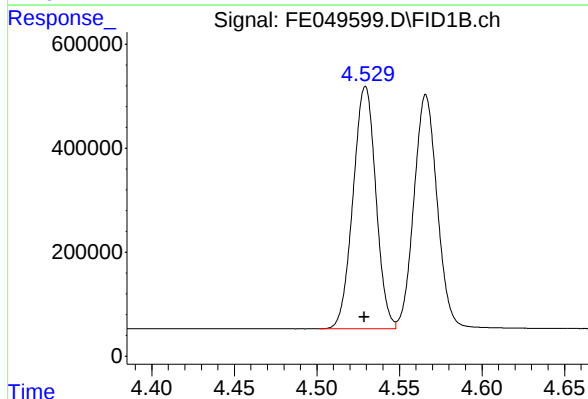
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 4030245
Conc: 26.04 ug/ml

Instrument :
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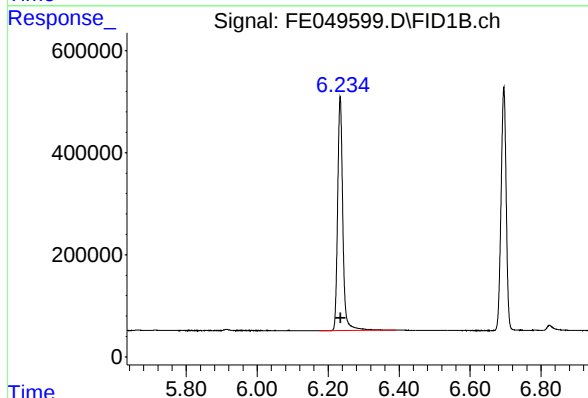
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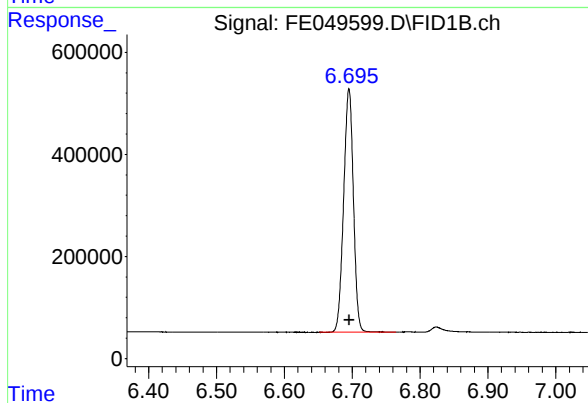
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 4483460
Conc: 28.40 ug/ml



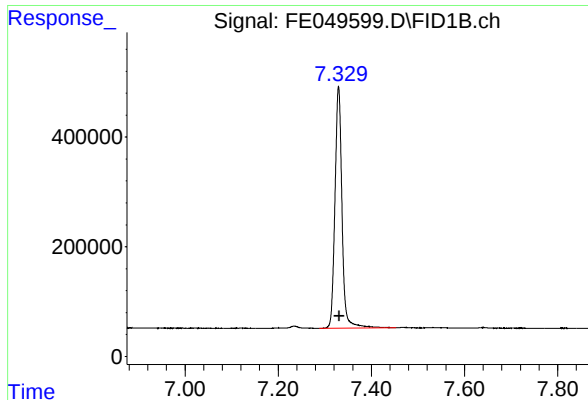
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.001 min
Response: 4640461
Conc: 28.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 4764309
Conc: 30.31 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 4618511
Conc: 30.84 ug/ml

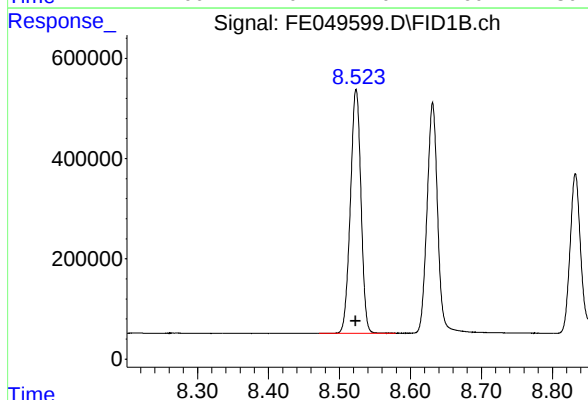
Instrument :

FID_E

ClientSampleId :
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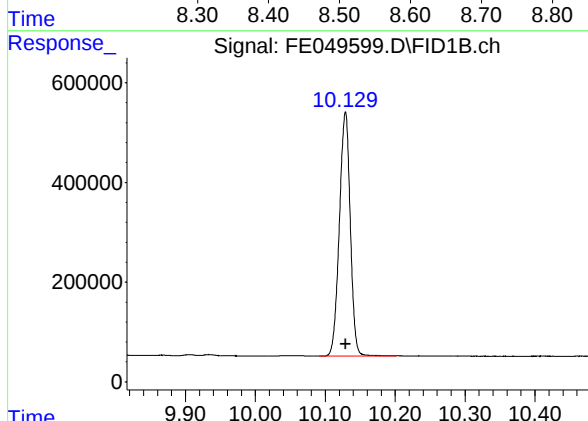
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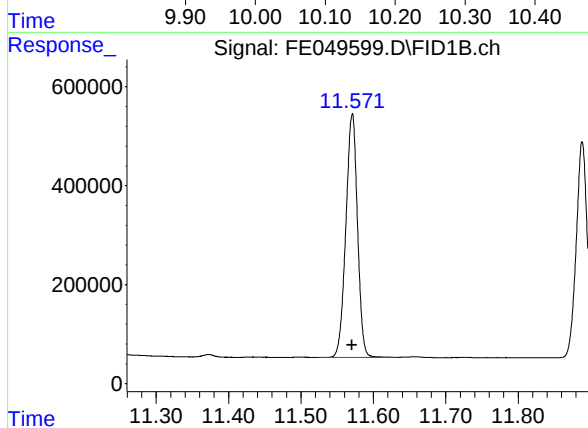
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 5025386
Conc: 32.55 ug/ml



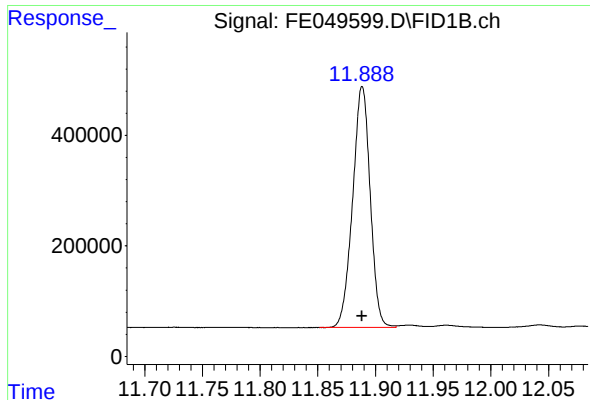
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 5316329
Conc: 34.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 5506223
Conc: 35.06 ug/ml



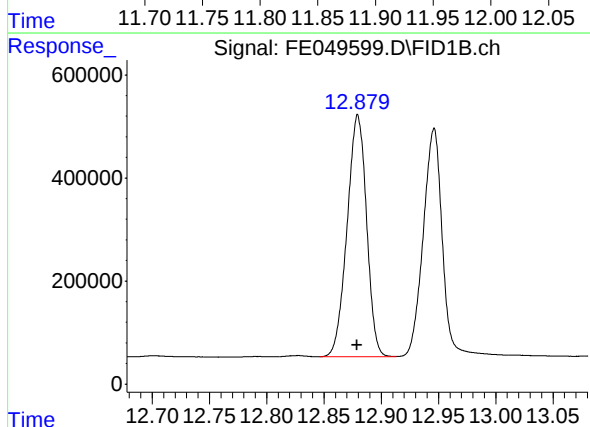
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 4621793
Conc: 28.58 ug/ml

Instrument :
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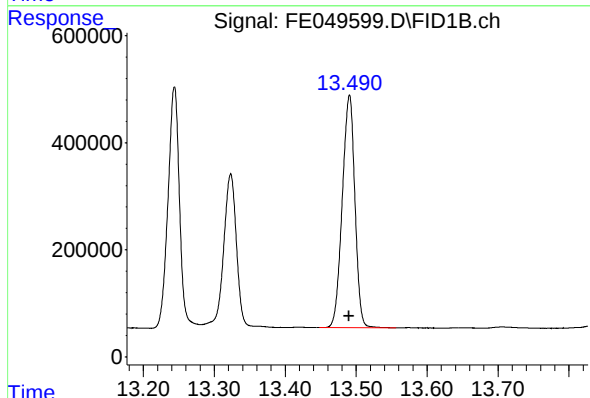
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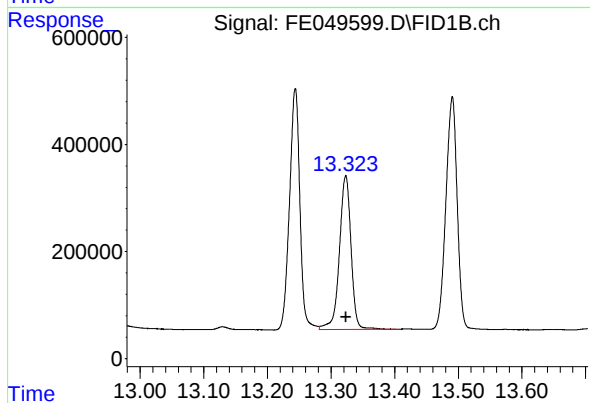
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 5554195
Conc: 37.20 ug/ml m



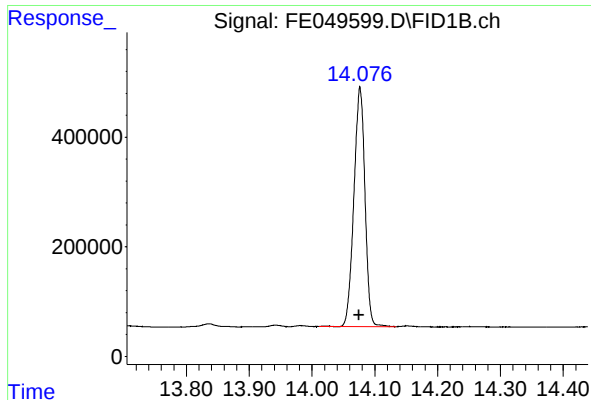
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 5370924
Conc: 36.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.000 min
Response: 3661856
Conc: 30.01 ug/ml



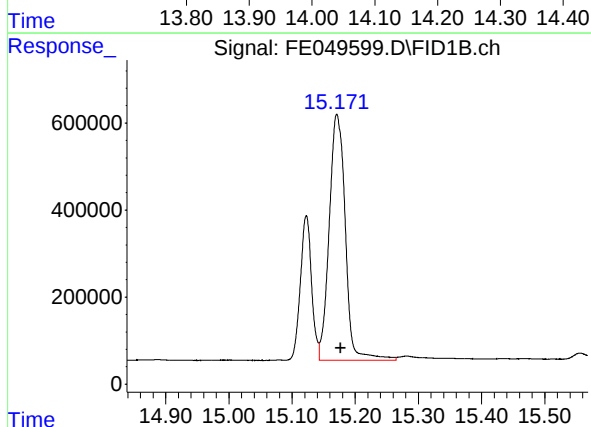
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.001 min
Response: 5347440
Conc: 36.69 ug/ml

Instrument :
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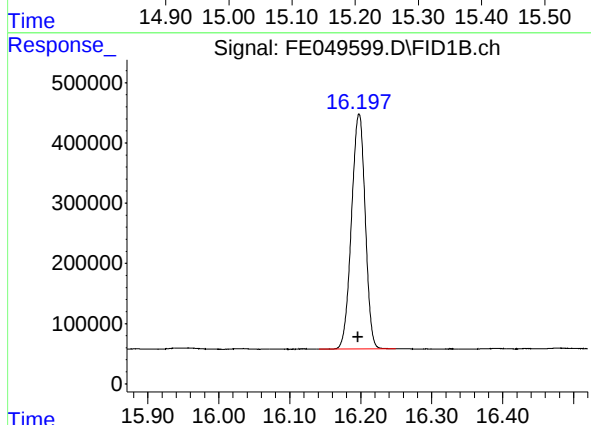
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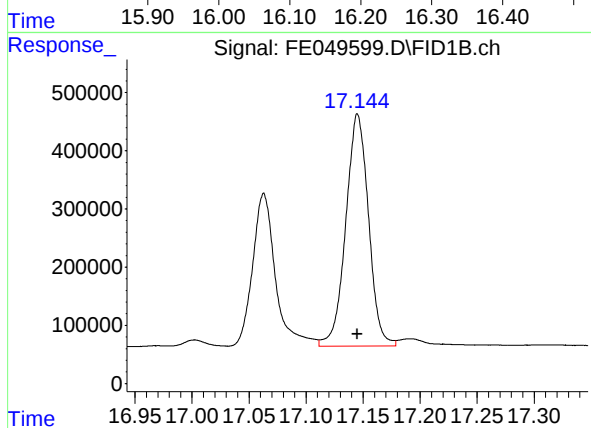
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.005 min
Response: 10012935
Conc: 68.83 ug/ml



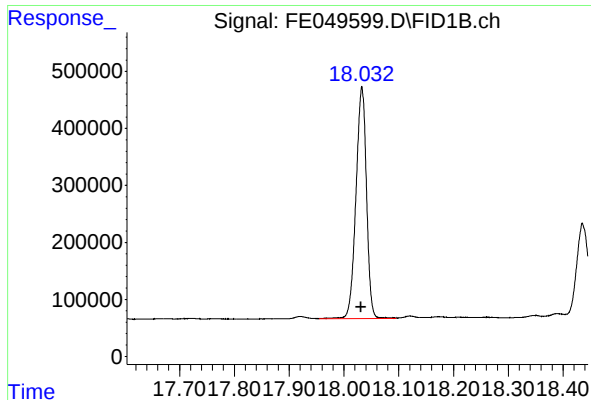
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5244156
Conc: 36.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 5542373
Conc: 38.48 ug/ml



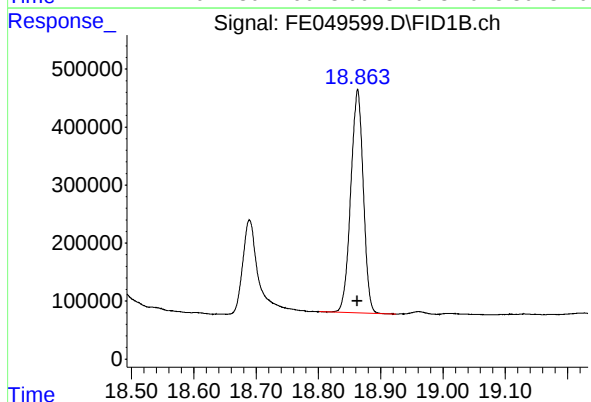
#17 n-Tricontane (C30)

R.T.: 18.033 min
Delta R.T.: 0.002 min
Response: 5430301
Conc: 36.27 ug/ml

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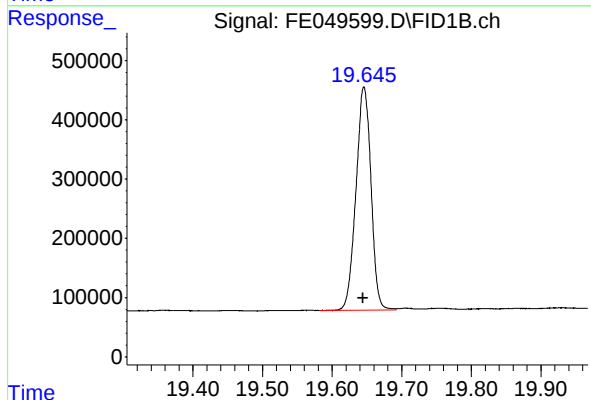
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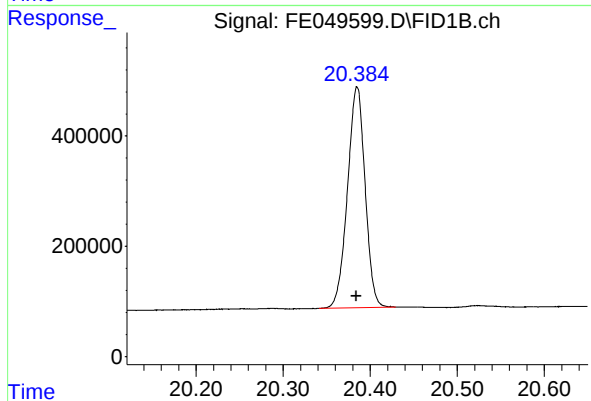
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.000 min
Response: 5381585
Conc: 35.57 ug/ml



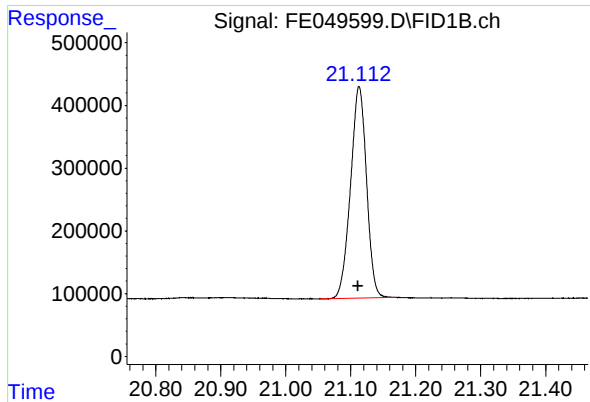
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.001 min
Response: 5642894
Conc: 36.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.000 min
Response: 5634582
Conc: 37.11 ug/ml



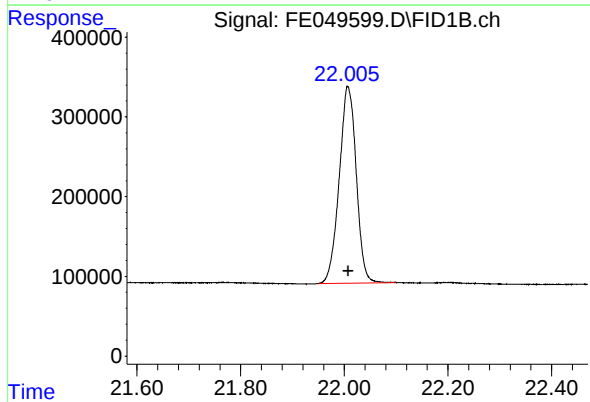
#21 n-Octatriacontane (C38)

R.T.: 21.113 min
Delta R.T.: 0.001 min
Response: 5769549
Conc: 36.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.007 min
Delta R.T.: 0.000 min
Response: 5621159
Conc: 36.82 ug/ml