

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF013125AL\
 Data File : FF015397.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jan 2025 16:44
 Operator : YP\AJ
 Sample : Q1220-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 TR-06-01292025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File: autoint1.e
 Quant Time: Jan 31 03:40:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.931	4660786	29.315 ug/mlm
Spiked Amount 50.000		Recovery =	58.63%
12) S 1-chlorooctadecane (S...	13.370	4250183	34.092 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T n-Nonane (C9)	3.318	4228182	32.210 ug/ml
2) T n-Decane (C10)	4.572	5076261	37.950 ug/ml
3) T A~Naphthalene (C11.7)	6.273	6449711	44.346 ug/ml
4) T n-Dodecane (C12)	6.737	7782924	57.717 ug/mlm
5) T A~2-methylnaphthalene...	7.369	7097540	50.440 ug/ml
6) T n-Tetradecane (C14)	8.567	10442939	77.292 ug/ml
7) T n-Hexadecane (C16)	10.173	10871324	76.723 ug/ml
8) T n-Octadecane (C18)	11.618	10092737	68.917 ug/ml
10) T n-Eicosane (C20)	12.928	8398967	58.254 ug/ml
11) T n-Heneicosane (C21)	13.540	7304803	51.173 ug/ml
13) T n-Docosane (C22)	14.127	6623121	46.207 ug/ml
14) T n-Tetracosane (C24)	15.213	10505450	72.420 ug/ml
15) T n-Hexacosane (C26)	16.255	5173684	36.406 ug/ml
16) T n-Octacosane (C28)	17.205	5124185	36.824 ug/mlm
17) T n-Tricontane (C30)	18.097	5004396	35.932 ug/mlm
18) T n-Dotriacontane (C32)	18.930	4891327	37.501 ug/mlm
19) T n-Tetratriacontane (C34)	19.716	5146964	47.346 ug/ml
20) T n-Hexatriacontane (C36)	20.457	4301649	48.908 ug/mlm
21) T n-Octatriacontane (C38)	21.199	4419741	53.630 ug/mlm
22) T n-Tetracontane (C40)	22.123	4640292	58.486 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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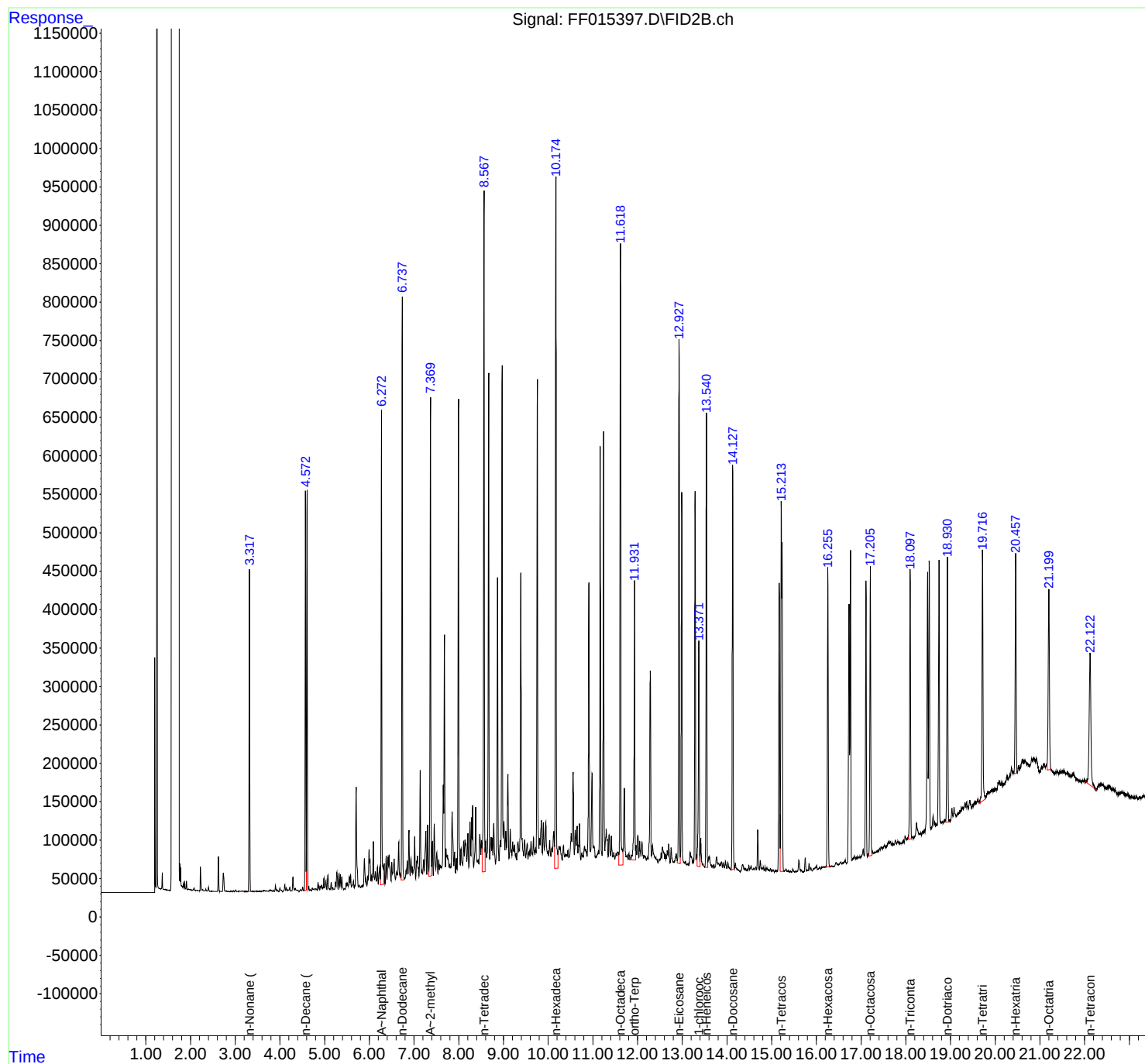
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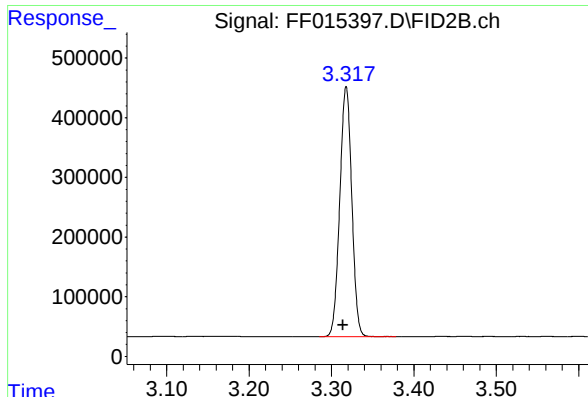
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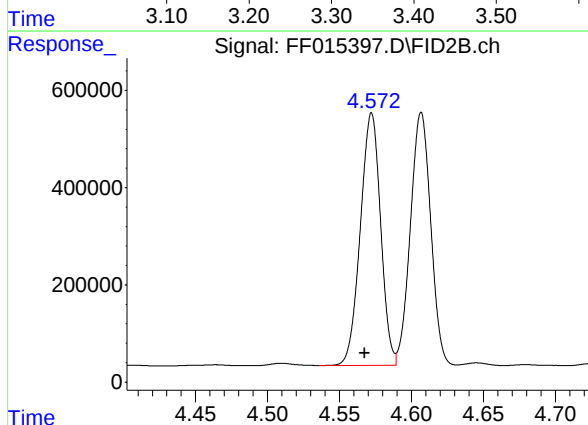
#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.004 min
Response: 4228182
Conc: 32.21 ug/ml

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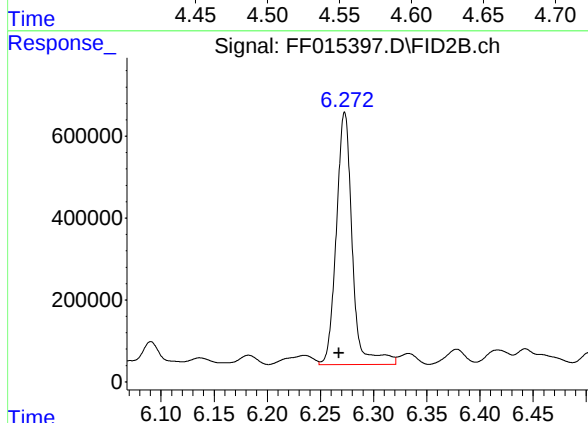
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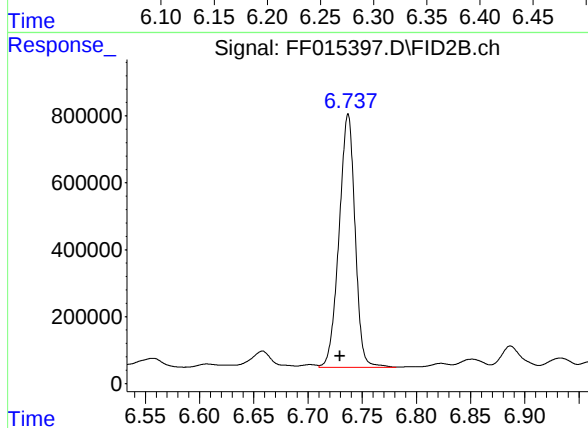
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.005 min
Response: 5076261
Conc: 37.95 ug/ml



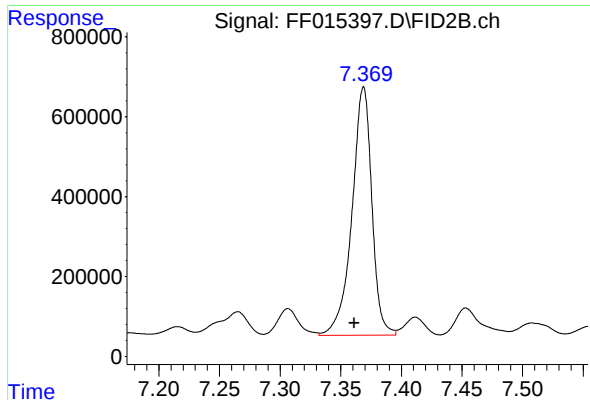
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: 0.005 min
Response: 6449711
Conc: 44.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: 0.007 min
Response: 7782924
Conc: 57.72 ug/ml m



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

R.T.: 7.369 min
Delta R.T.: 0.007 min
Response: 7097540
Conc: 50.44 ug/ml

Instrument :

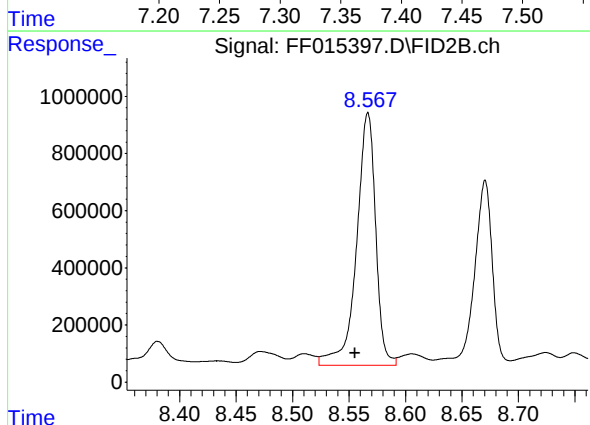
FID_F

ClientSampleId :

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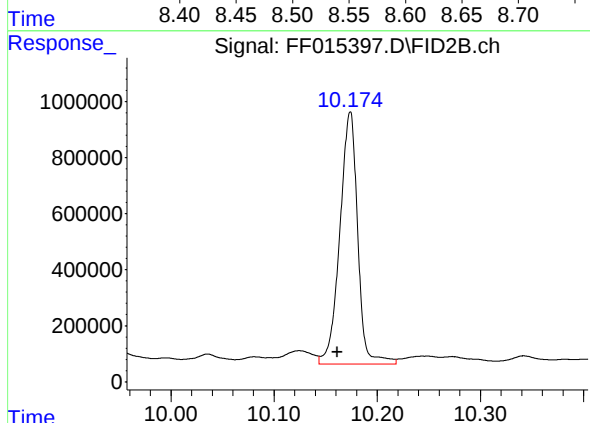
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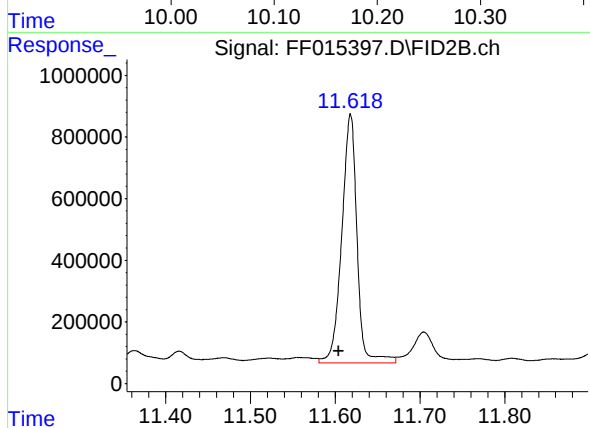
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.011 min
Response: 10442939
Conc: 77.29 ug/ml



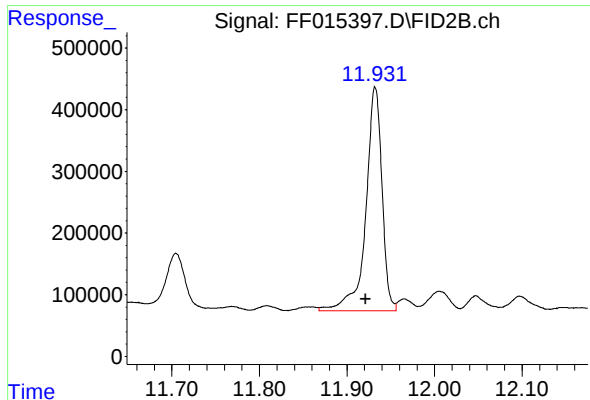
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: 0.012 min
Response: 10871324
Conc: 76.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.618 min
Delta R.T.: 0.014 min
Response: 10092737
Conc: 68.92 ug/ml



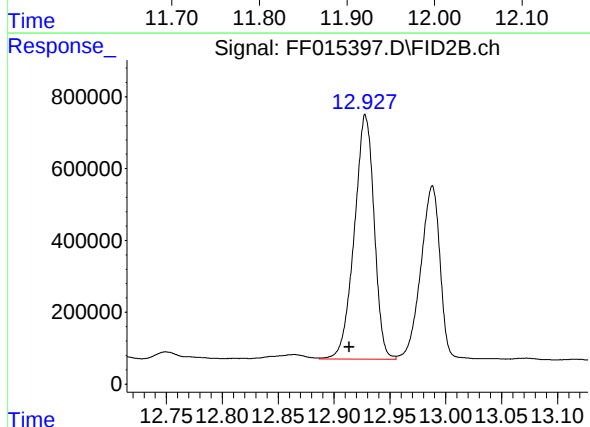
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.010 min
Response: 4660786
Conc: 29.32 ug/ml

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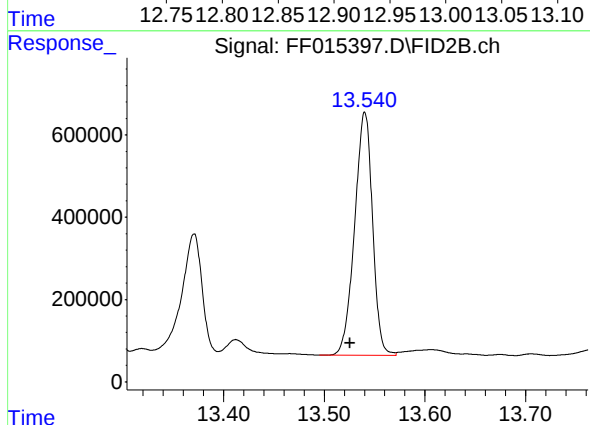
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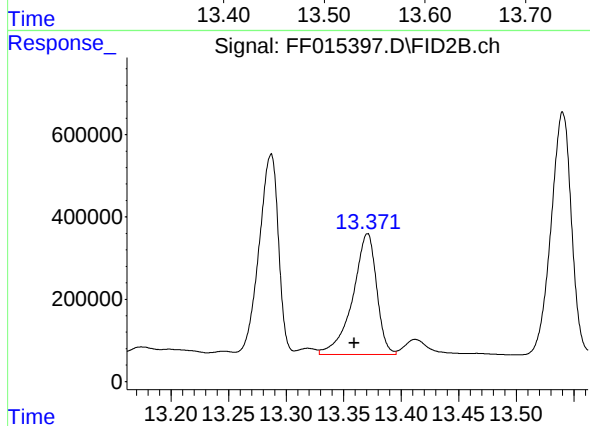
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: 0.015 min
Response: 8398967
Conc: 58.25 ug/ml



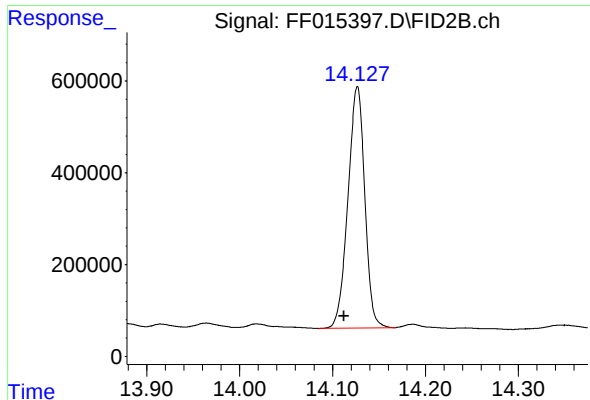
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: 0.014 min
Response: 7304803
Conc: 51.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: 0.011 min
Response: 4250183
Conc: 34.09 ug/ml



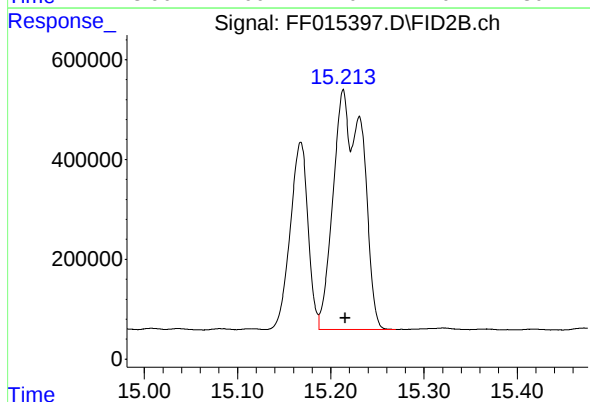
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.014 min
Response: 6623121
Conc: 46.21 ug/ml

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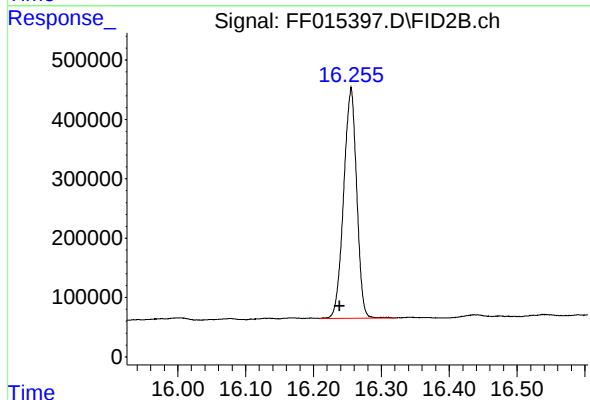
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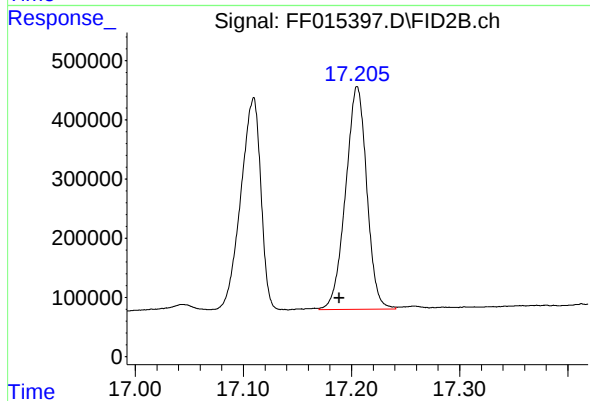
#14 n-Tetracosane (C24)

R.T.: 15.213 min
Delta R.T.: -0.002 min
Response: 10505450
Conc: 72.42 ug/ml



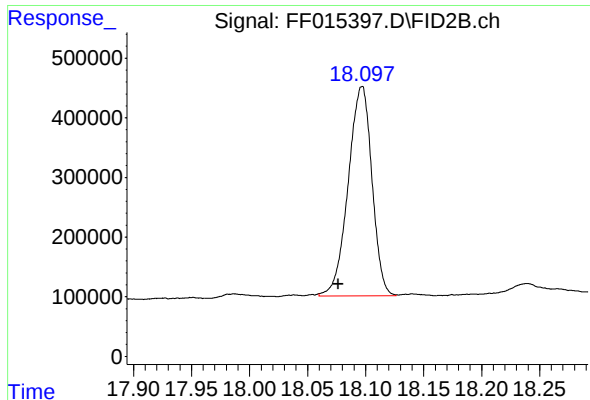
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.017 min
Response: 5173684
Conc: 36.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: 0.017 min
Response: 5124185
Conc: 36.82 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.021 min
Response: 5004396
Conc: 35.93 ug/ml

Instrument :

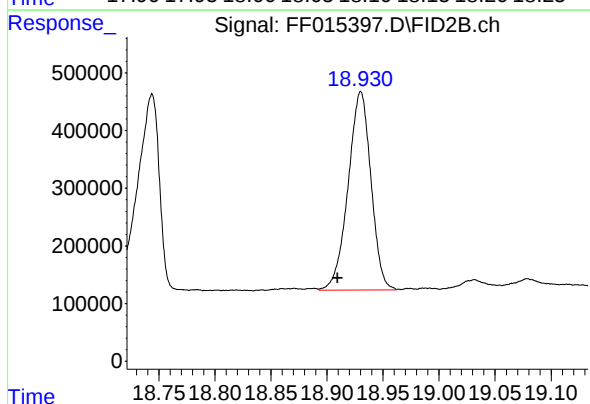
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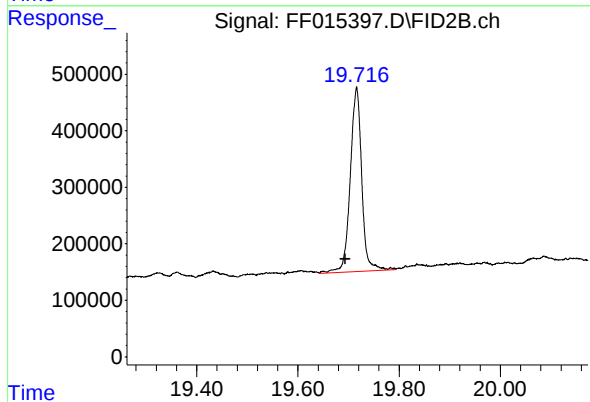
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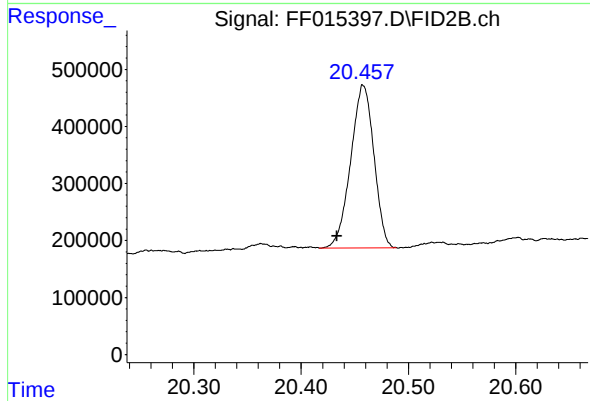
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: 0.020 min
Response: 4891327
Conc: 37.50 ug/ml m



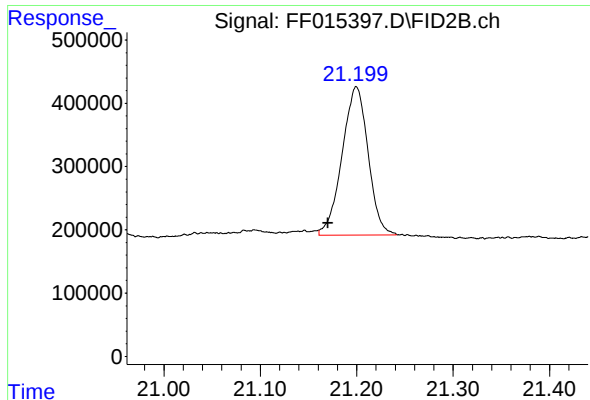
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: 0.022 min
Response: 5146964
Conc: 47.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.023 min
Response: 4301649
Conc: 48.91 ug/ml m



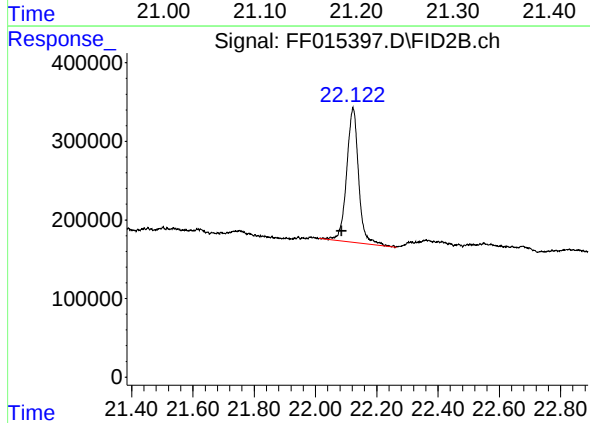
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.029 min
Response: 4419741
Conc: 53.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.037 min
Response: 4640292
Conc: 58.49 ug/ml